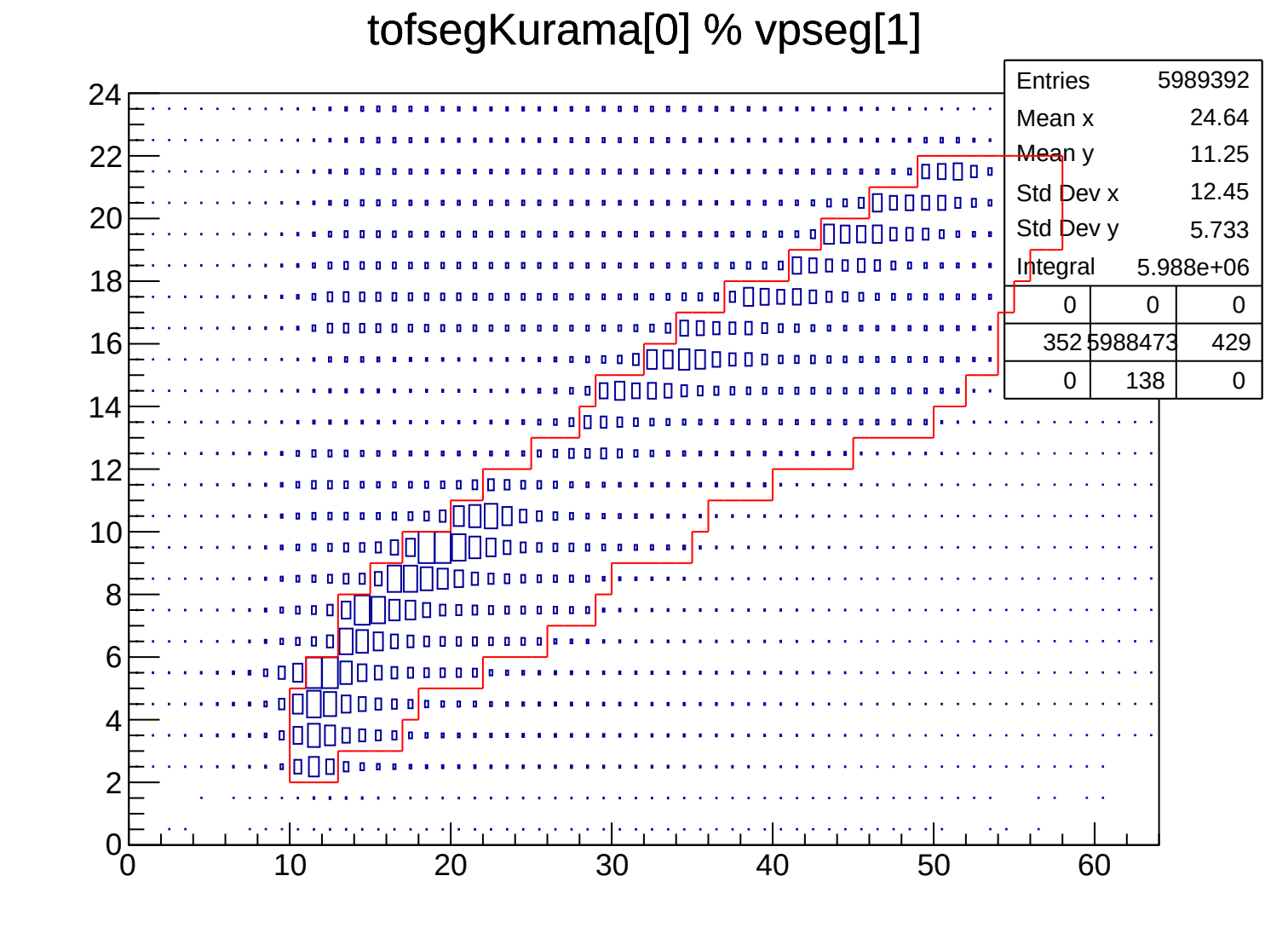
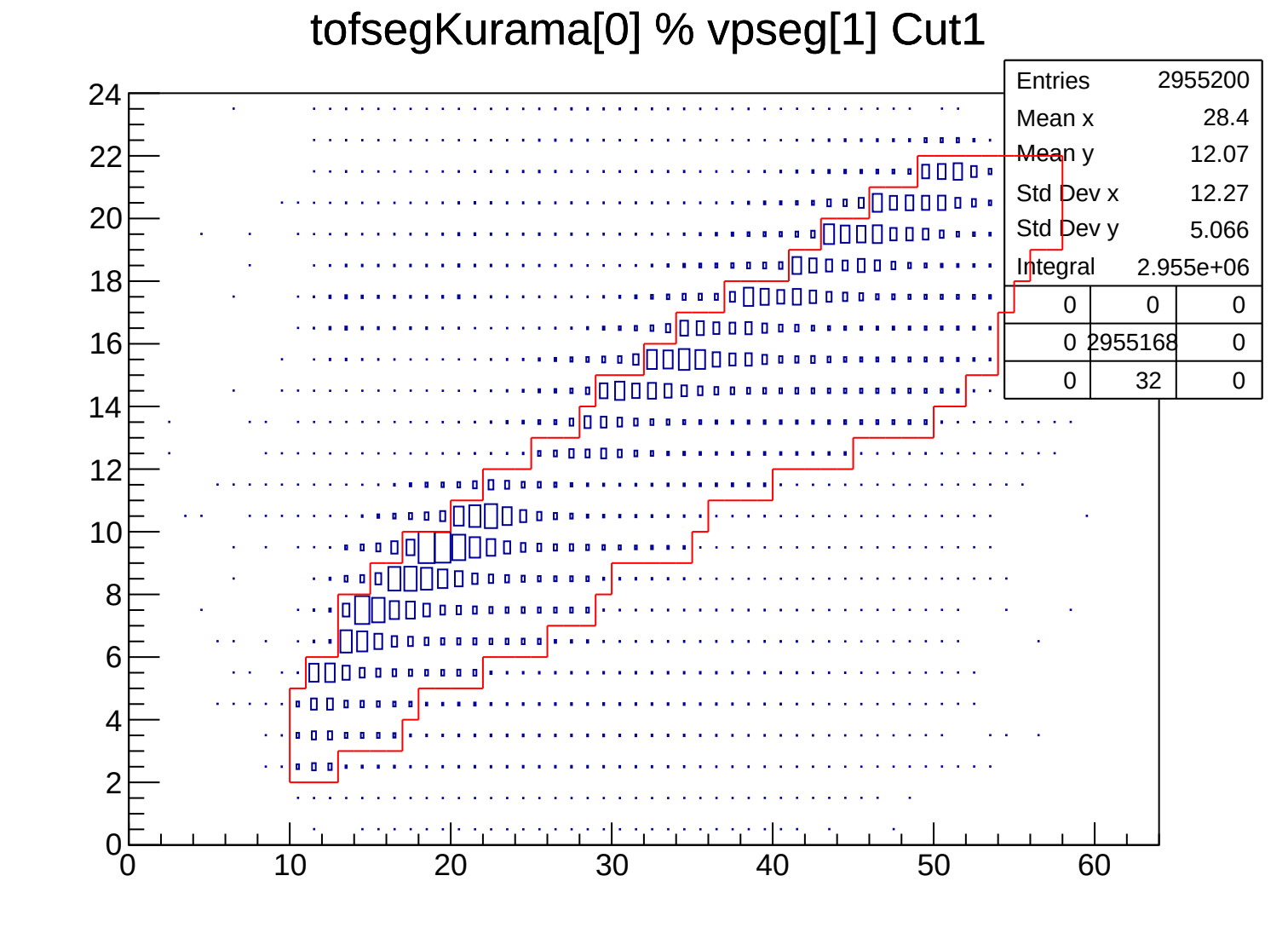
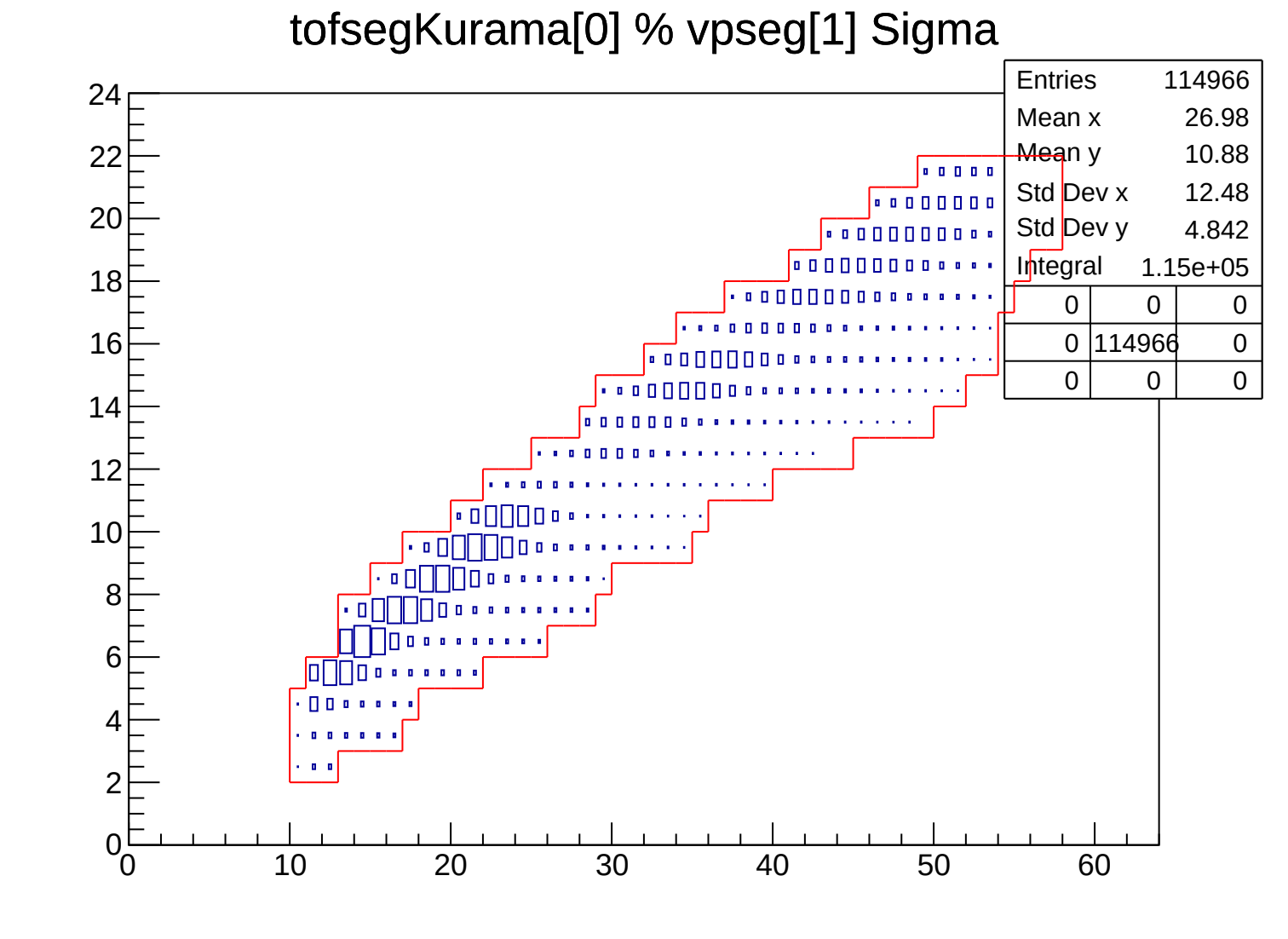
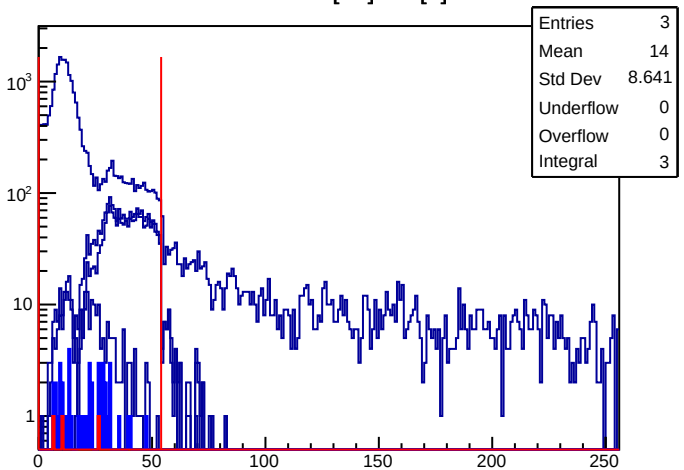
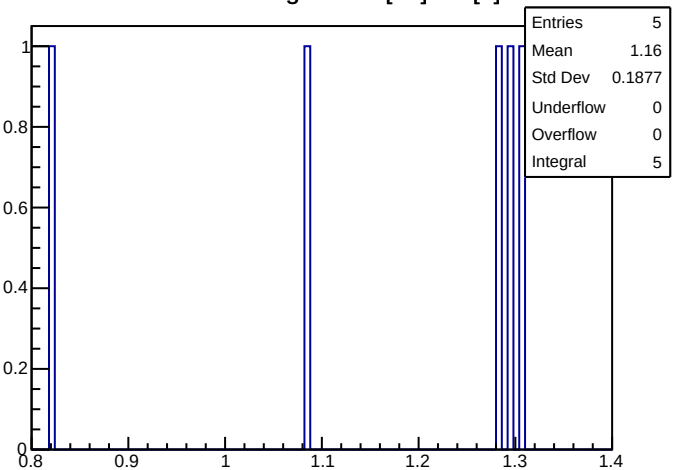
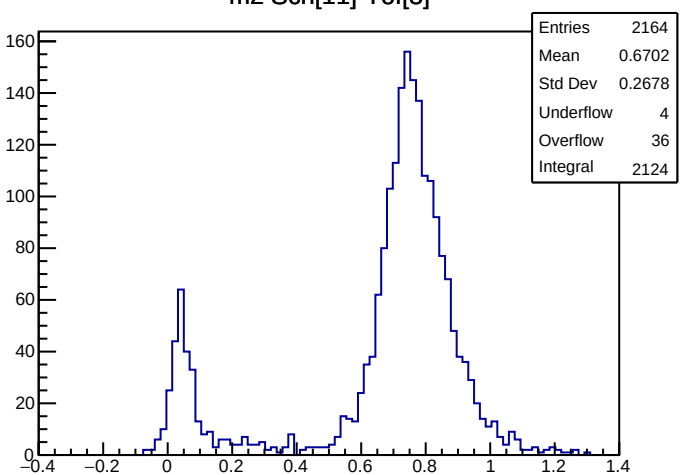

tofsegKurama[0] % vpseg[1]
Entries 5989392
Mean x 24.64
Mean y 11.25
Std Dev x 12.45
Std Dev y 5.733
Integral 5.988e+06
0 0 0
352 5988473 429
0 138 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60

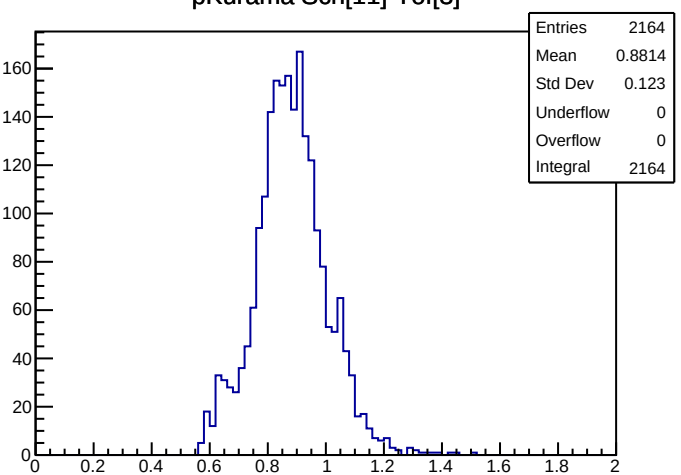

tofsegKurama[0] % vpseg[1] Cut1
Entries 2955200
Mean x 28.4
Mean y 12.07
Std Dev x 12.27
Std Dev y 5.066
Integral 2.955e+06
0 0 0
0 2955168 0
0 32 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60

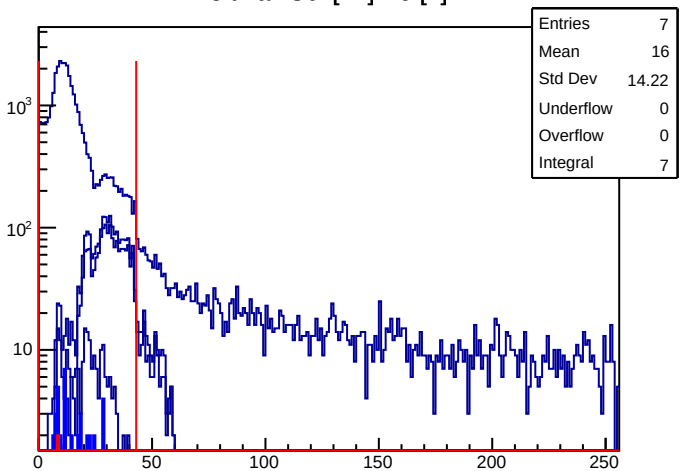

tofsegKurama[0] % vpseg[1] Sigma
Entries 114966
Mean x 26.98
Mean y 10.88
Std Dev x 12.48
Std Dev y 4.842
Integral 1.15e+05
0 0 0
0 114966 0
0 0 0
0 2 4 6 8 10 12 14 16 18 20 22 24
0 10 20 30 40 50 60

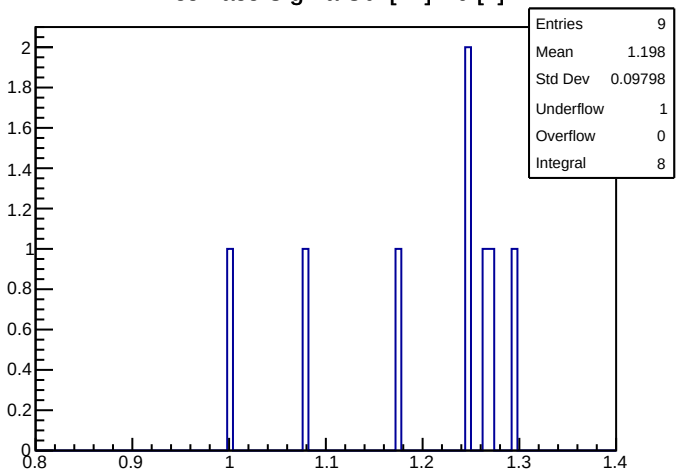

sftx all Sch[11]-Tof[3]
Entries 3
Mean 14
Std Dev 8.641
Underflow 0
Overflow 0
Integral 3

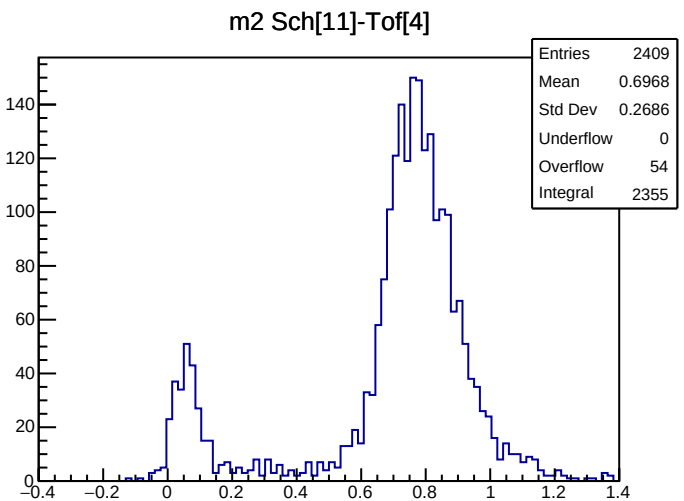

MissMass Sigma Sch[11]-Tof[3]
Entries 5
Mean 1.16
Std Dev 0.1877
Underflow 0
Overflow 0
Integral 5

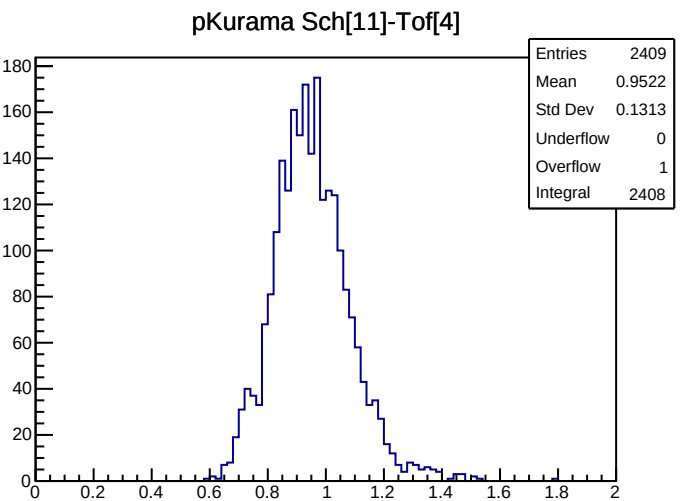

m2 Sch[11]-Tof[3]
Entries 2164
Mean 0.6702
Std Dev 0.2678
Underflow 4
Overflow 36
Integral 2124

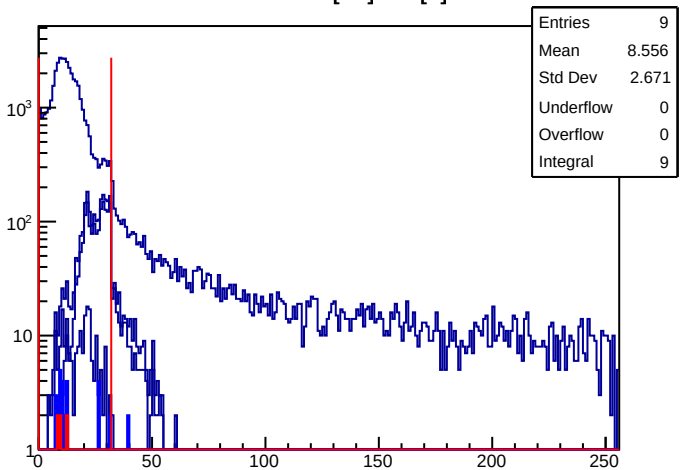

pKurama Sch[11]-Tof[3]
Entries 2164
Mean 0.8814
Std Dev 0.123
Underflow 0
Overflow 0
Integral 2164

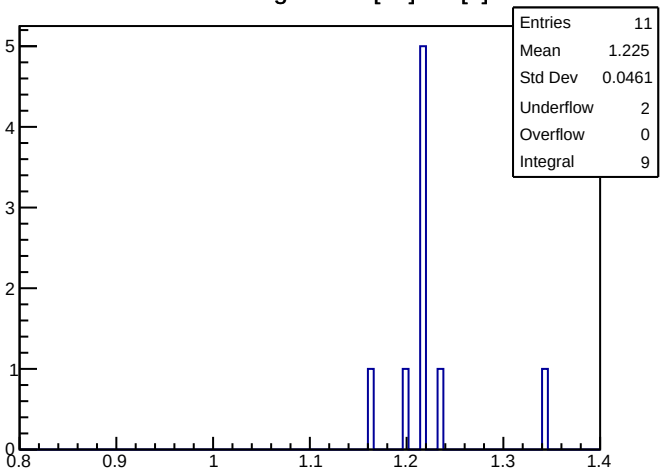

sftx all Sch[11]-Tof[4]
Entries 7
Mean 16
Std Dev 14.22
Underflow 0
Overflow 0
Integral 7
10^3
10^2
10
0
50
100
150
200
250

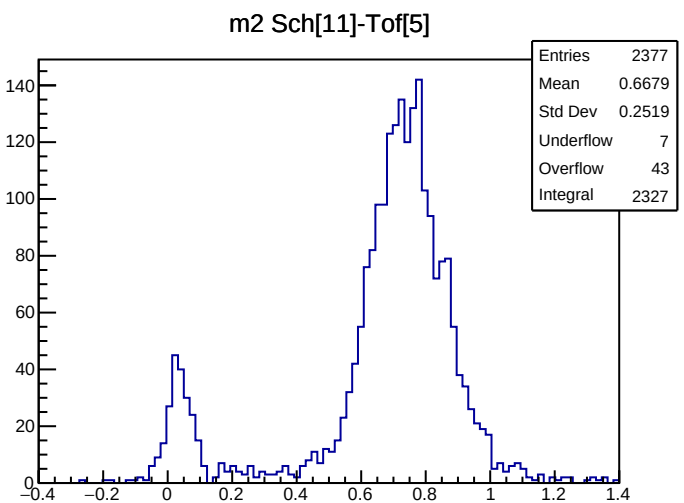

MissMass Sigma Sch[11]-Tof[4]
Entries 9
Mean 1.198
Std Dev 0.09798
Underflow 1
Overflow 0
Integral 8
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

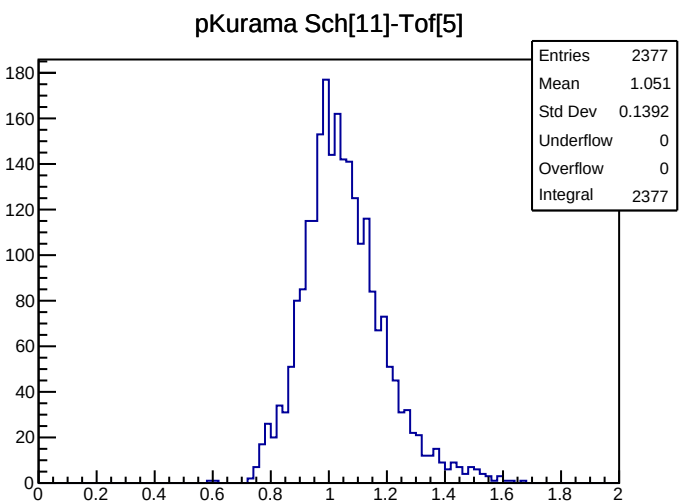

m2 Sch[11]-Tof[4]
Entries 2409
Mean 0.6968
Std Dev 0.2686
Underflow 0
Overflow 54
Integral 2355
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

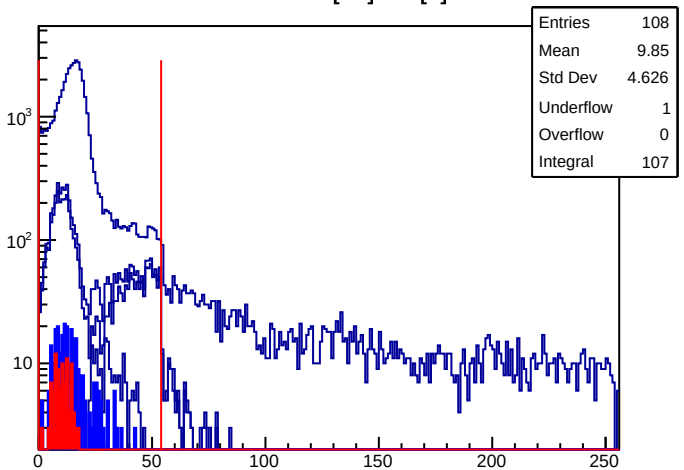

pKurama Sch[11]-Tof[4]
Entries 2409
Mean 0.9522
Std Dev 0.1313
Underflow 0
Overflow 1
Integral 2408
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

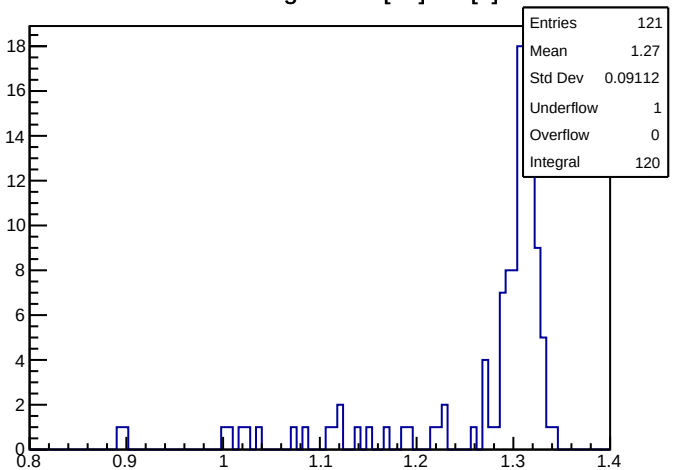

sftx all Sch[11]-Tof[5]
Entries 9
Mean 8.556
Std Dev 2.671
Underflow 0
Overflow 0
Integral 9

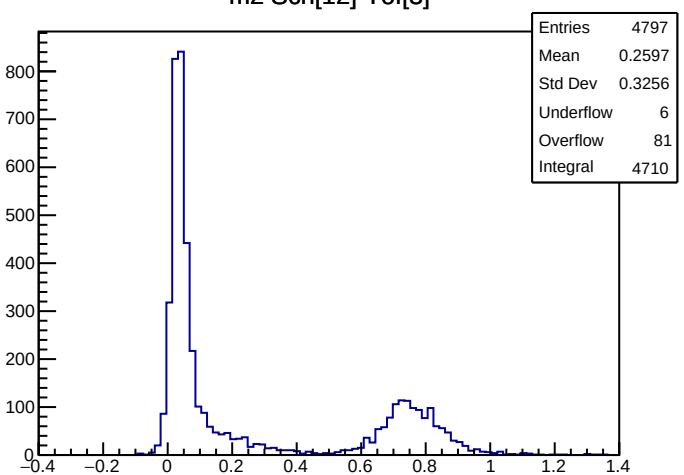

MissMass Sigma Sch[11]-Tof[5]
Entries 11
Mean 1.225
Std Dev 0.0461
Underflow 2
Overflow 0
Integral 9

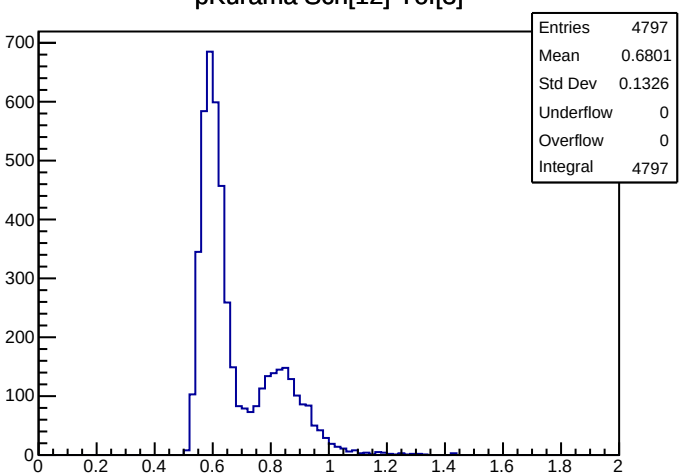

m2 Sch[11]-Tof[5]
Entries 2377
Mean 0.6679
Std Dev 0.2519
Underflow 7
Overflow 43
Integral 2327

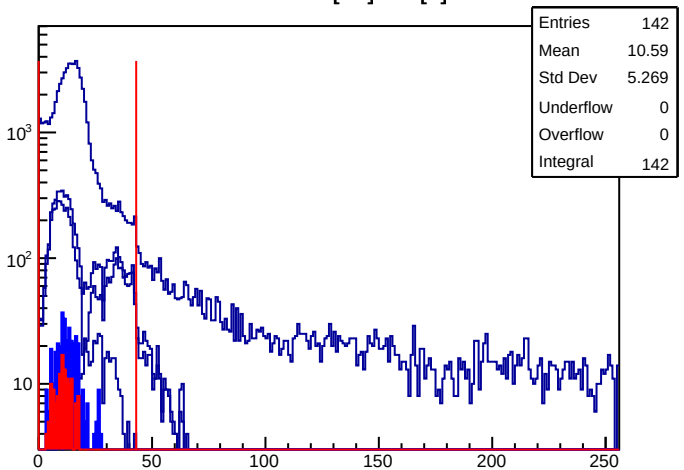

pKurama Sch[11]-Tof[5]
Entries 2377
Mean 1.051
Std Dev 0.1392
Underflow 0
Overflow 0
Integral 2377

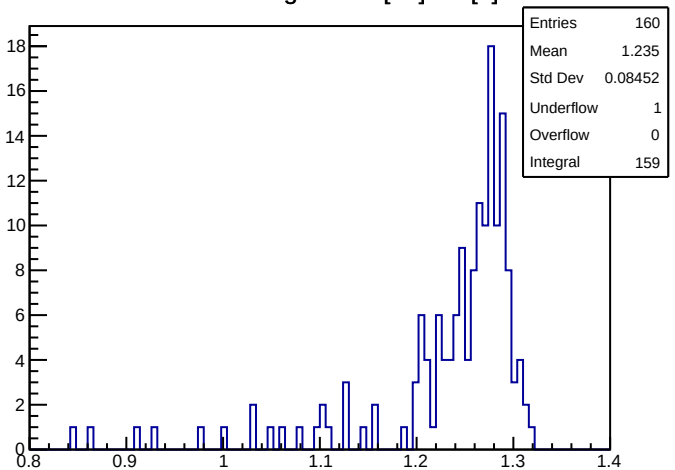

sftx all Sch[12]-Tof[3]
Entries 108
Mean 9.85
Std Dev 4.626
Underflow 1
Overflow 0
Integral 107

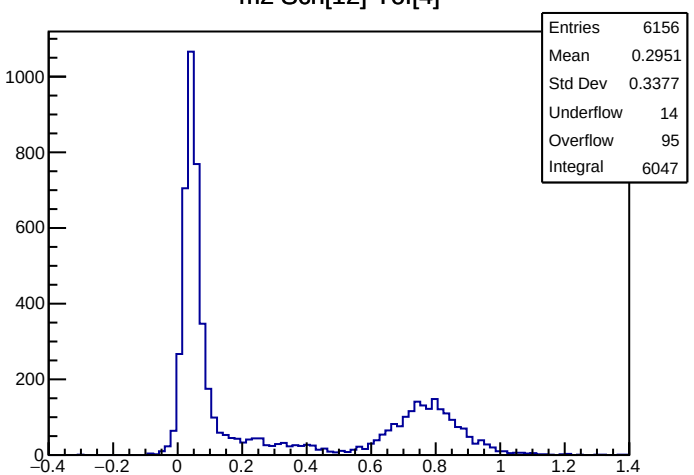

MissMass Sigma Sch[12]-Tof[3]
Entries 121
Mean 1.27
Std Dev 0.09112
Underflow 1
Overflow 0
Integral 120

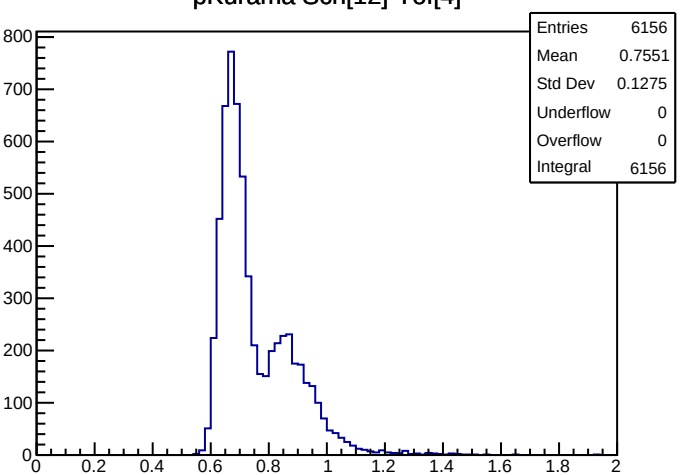

m2 Sch[12]-Tof[3]
Entries 4797
Mean 0.2597
Std Dev 0.3256
Underflow 6
Overflow 81
Integral 4710

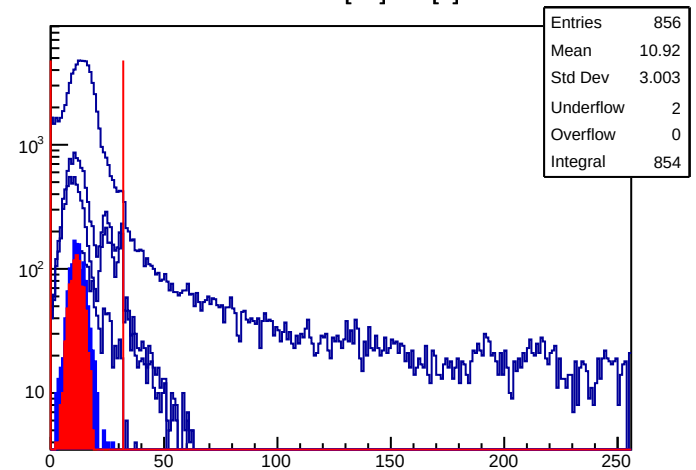

pKurama Sch[12]-Tof[3]
Entries 4797
Mean 0.6801
Std Dev 0.1326
Underflow 0
Overflow 0
Integral 4797

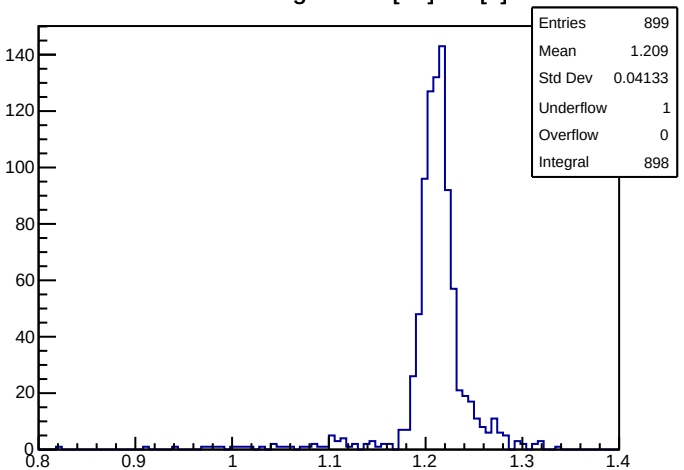

sftx all Sch[12]-Tof[4]
Entries 142
Mean 10.59
Std Dev 5.269
Underflow 0
Overflow 0
Integral 142

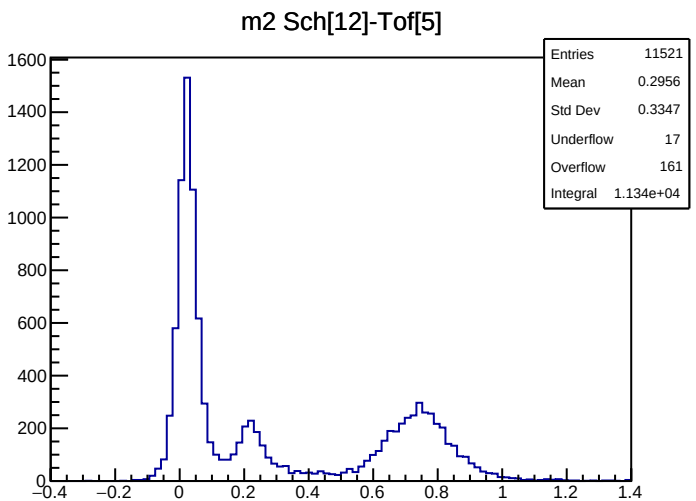

MissMass Sigma Sch[12]-Tof[4]
Entries 160
Mean 1.235
Std Dev 0.08452
Underflow 1
Overflow 0
Integral 159

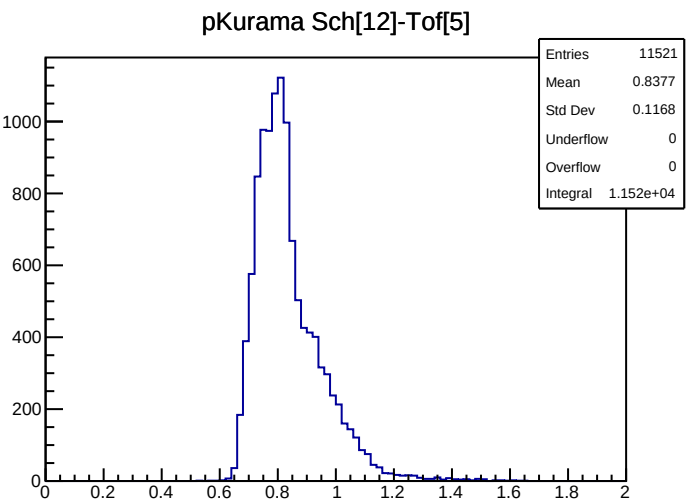

m2 Sch[12]-Tof[4]
Entries 6156
Mean 0.2951
Std Dev 0.3377
Underflow 14
Overflow 95
Integral 6047

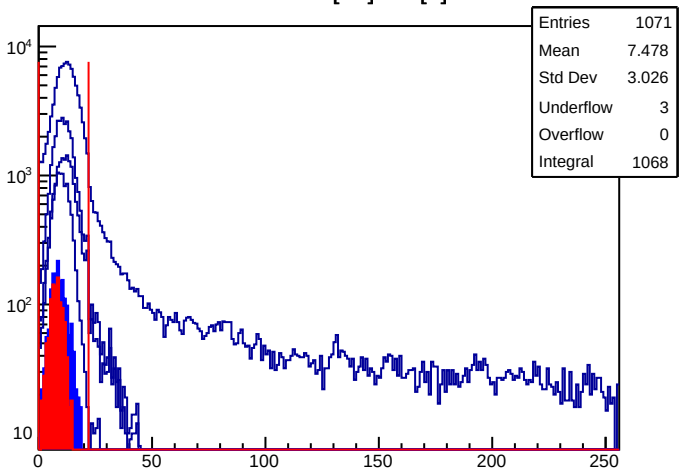

pKurama Sch[12]-Tof[4]
Entries 6156
Mean 0.7551
Std Dev 0.1275
Underflow 0
Overflow 0
Integral 6156

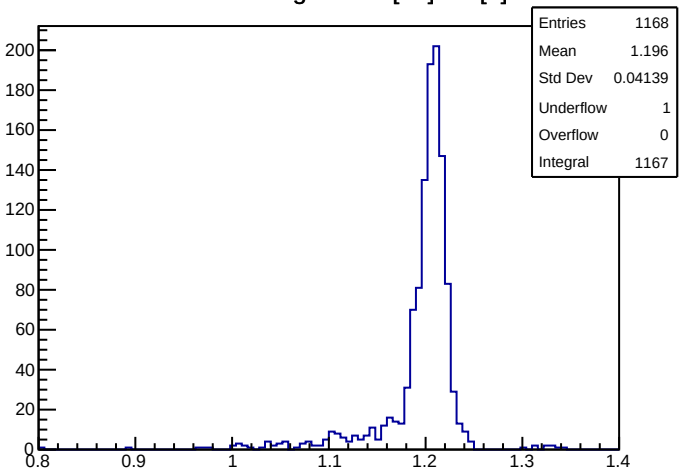

sftx all Sch[12]-Tof[5]
Entries 856
Mean 10.92
Std Dev 3.003
Underflow 2
Overflow 0
Integral 854
10^3
10^2
10
0
50
100
150
200
250

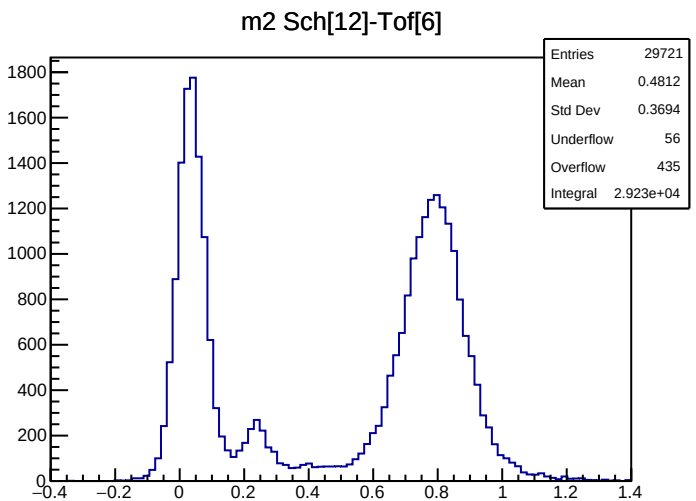

MissMass Sigma Sch[12]-Tof[5]
Entries 899
Mean 1.209
Std Dev 0.04133
Underflow 1
Overflow 0
Integral 898
140
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4

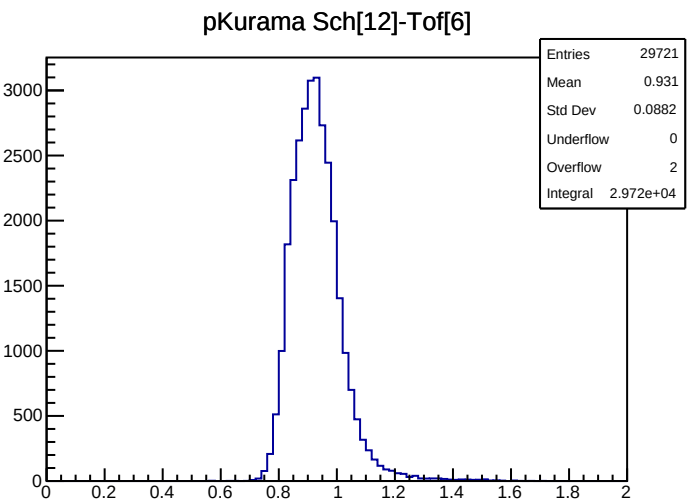

m2 Sch[12]-Tof[5]
Entries 11521
Mean 0.2956
Std Dev 0.3347
Underflow 17
Overflow 161
Integral 1.134e+04
1600
1400
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

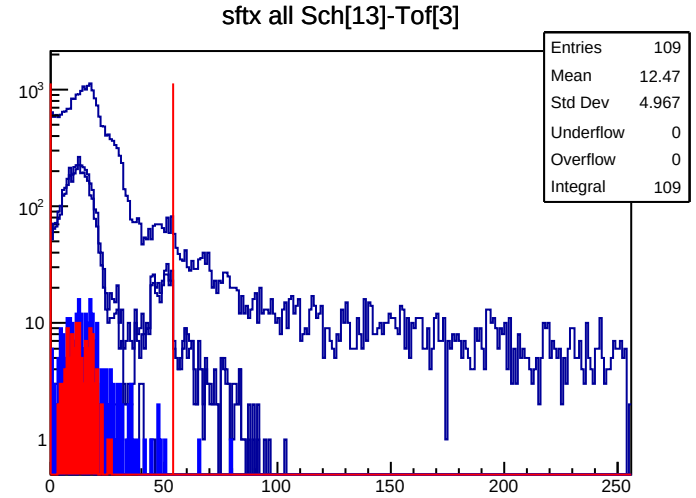

pKurama Sch[12]-Tof[5]
Entries 11521
Mean 0.8377
Std Dev 0.1168
Underflow 0
Overflow 0
Integral 1.152e+04
1000
800
600
400
200
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

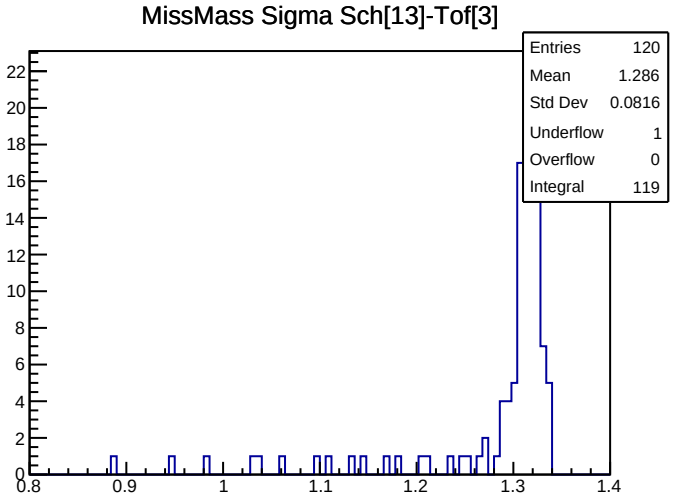

sftx all Sch[12]-Tof[6]
Entries 1071
Mean 7.478
Std Dev 3.026
Underflow 3
Overflow 0
Integral 1068

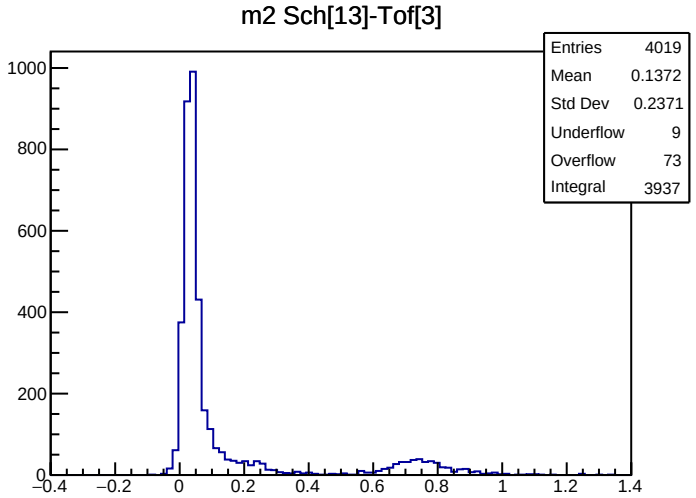

MissMass Sigma Sch[12]-Tof[6]
Entries 1168
Mean 1.196
Std Dev 0.04139
Underflow 1
Overflow 0
Integral 1167

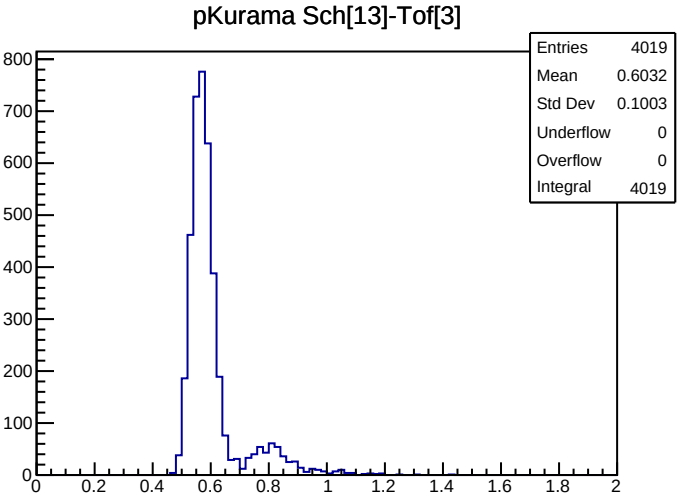

m2 Sch[12]-Tof[6]
Entries 29721
Mean 0.4812
Std Dev 0.3694
Underflow 56
Overflow 435
Integral 2.923e+04

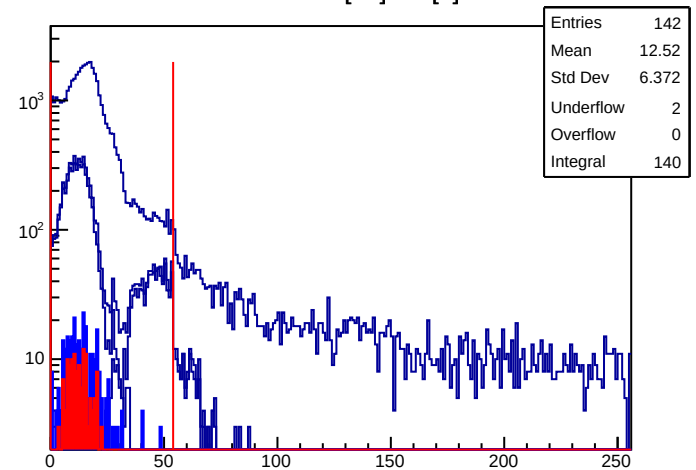

pKurama Sch[12]-Tof[6]
Entries 29721
Mean 0.931
Std Dev 0.0882
Underflow 0
Overflow 2
Integral 2.972e+04

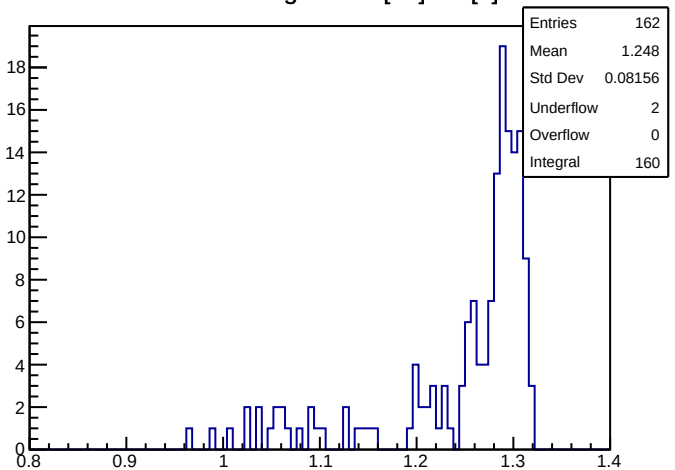

sftx all Sch[13]-Tof[3]
Entries 109
Mean 12.47
Std Dev 4.967
Underflow 0
Overflow 0
Integral 109

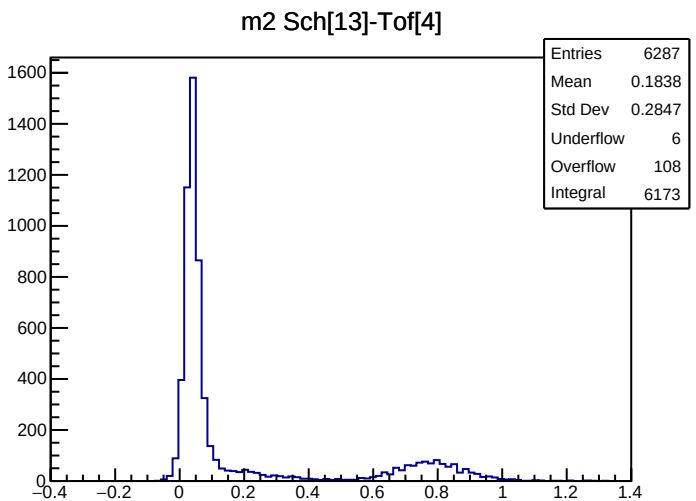

MissMass Sigma Sch[13]-Tof[3]
Entries 120
Mean 1.286
Std Dev 0.0816
Underflow 1
Overflow 0
Integral 119

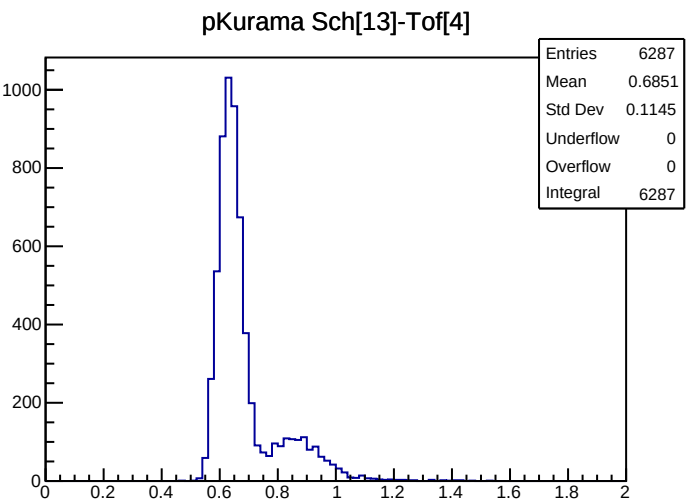

m2 Sch[13]-Tof[3]
Entries 4019
Mean 0.1372
Std Dev 0.2371
Underflow 9
Overflow 73
Integral 3937

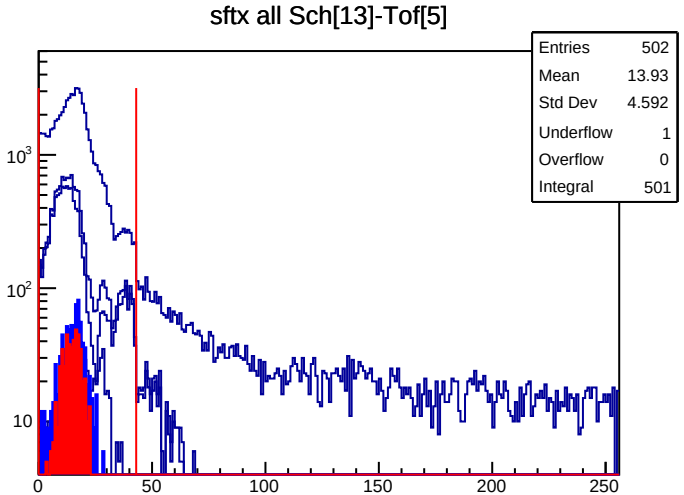

pKurama Sch[13]-Tof[3]
Entries 4019
Mean 0.6032
Std Dev 0.1003
Underflow 0
Overflow 0
Integral 4019

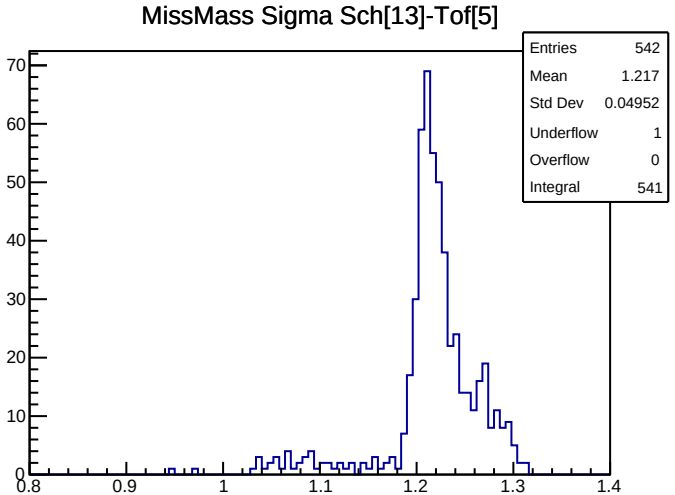

sftx all Sch[13]-Tof[4]
Entries 142
Mean 12.52
Std Dev 6.372
Underflow 2
Overflow 0
Integral 140
10^3
10^2
10
0
50
100
150
200
250

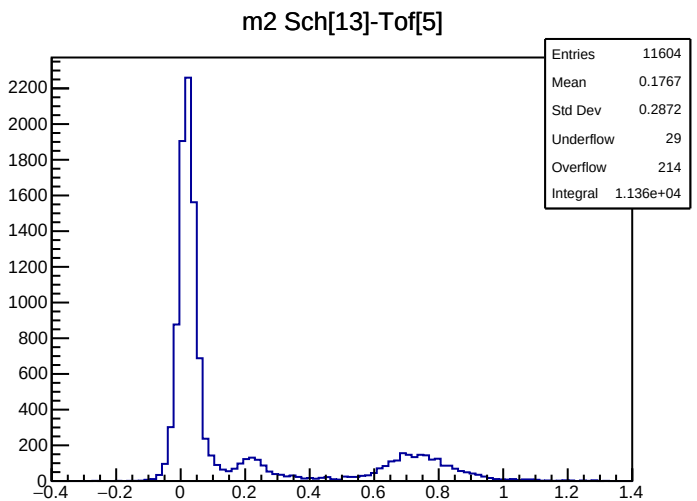

MissMass Sigma Sch[13]-Tof[4]
Entries 162
Mean 1.248
Std Dev 0.08156
Underflow 2
Overflow 0
Integral 160
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

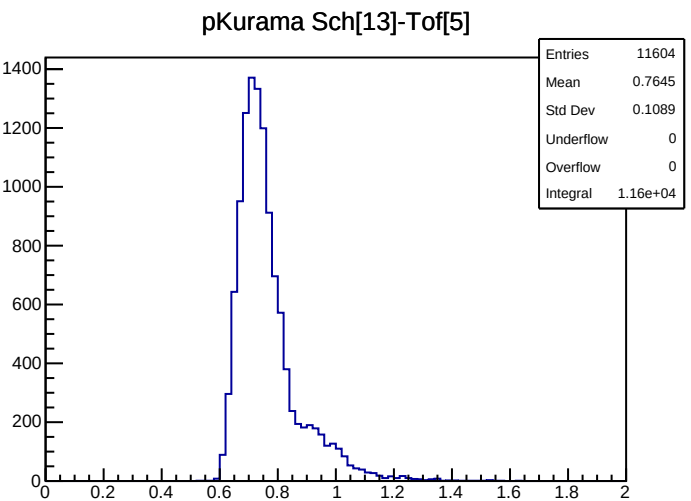

m2 Sch[13]-Tof[4]
Entries 6287
Mean 0.1838
Std Dev 0.2847
Underflow 6
Overflow 108
Integral 6173
1600
1400
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

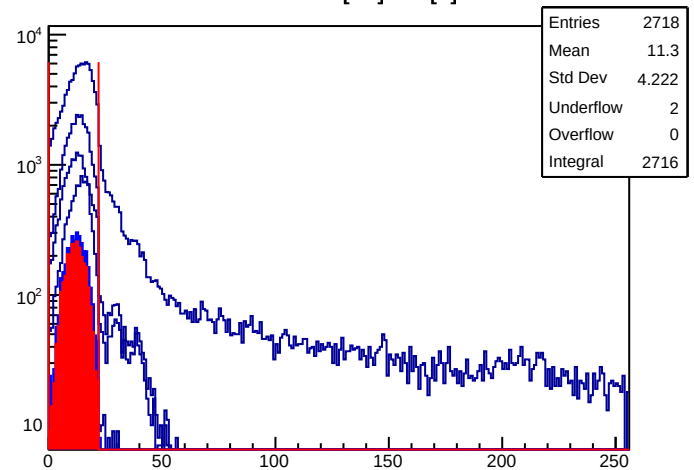

pKurama Sch[13]-Tof[4]
Entries 6287
Mean 0.6851
Std Dev 0.1145
Underflow 0
Overflow 0
Integral 6287
1000
800
600
400
200
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

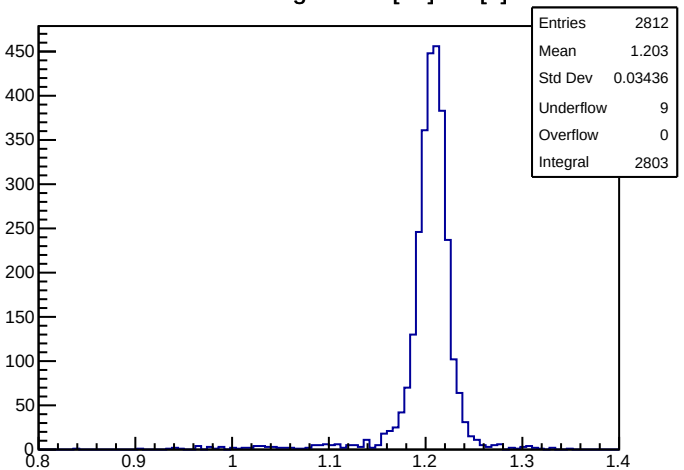

sftx all Sch[13]-Tof[5]
Entries 502
Mean 13.93
Std Dev 4.592
Underflow 1
Overflow 0
Integral 501

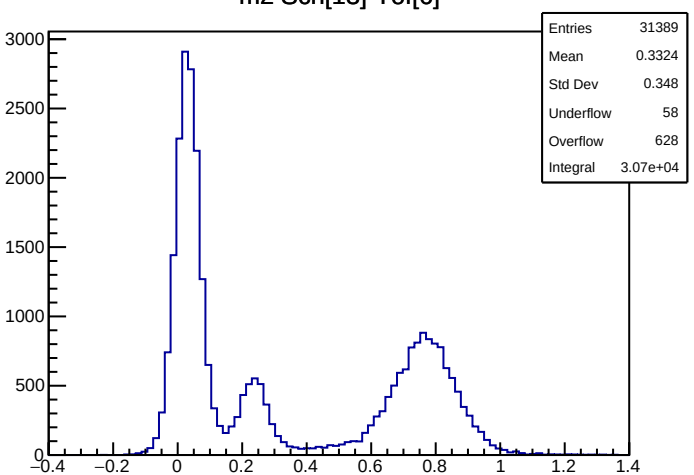

MissMass Sigma Sch[13]-Tof[5]
Entries 542
Mean 1.217
Std Dev 0.04952
Underflow 1
Overflow 0
Integral 541

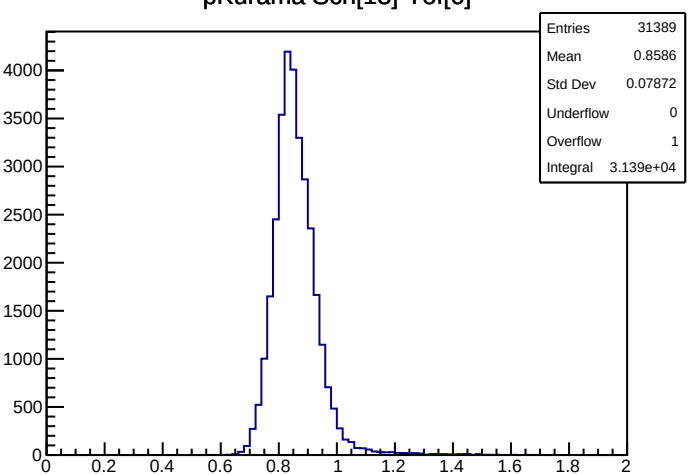

m2 Sch[13]-Tof[5]
Entries 11604
Mean 0.1767
Std Dev 0.2872
Underflow 29
Overflow 214
Integral 1.136e+04

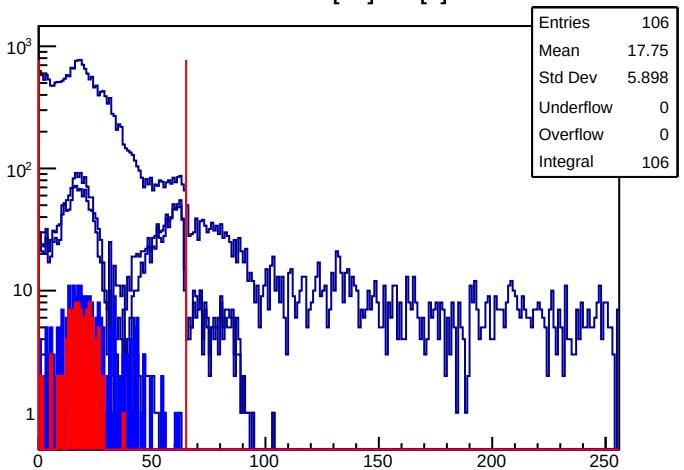

pKurama Sch[13]-Tof[5]
Entries 11604
Mean 0.7645
Std Dev 0.1089
Underflow 0
Overflow 0
Integral 1.16e+04

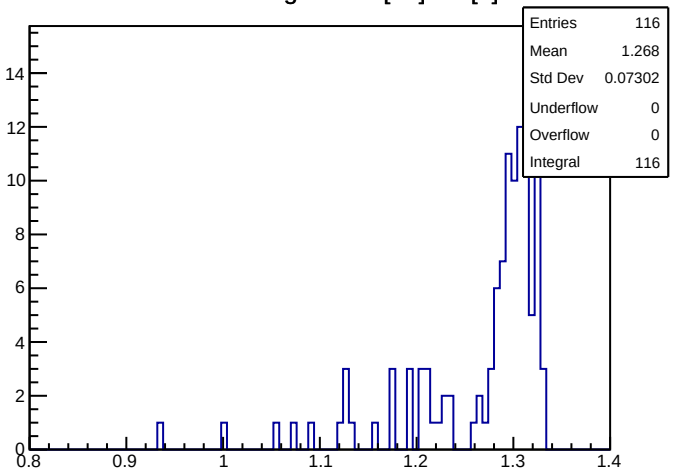

sftx all Sch[13]-Tof[6]
Entries 2718
Mean 11.3
Std Dev 4.222
Underflow 2
Overflow 0
Integral 2716

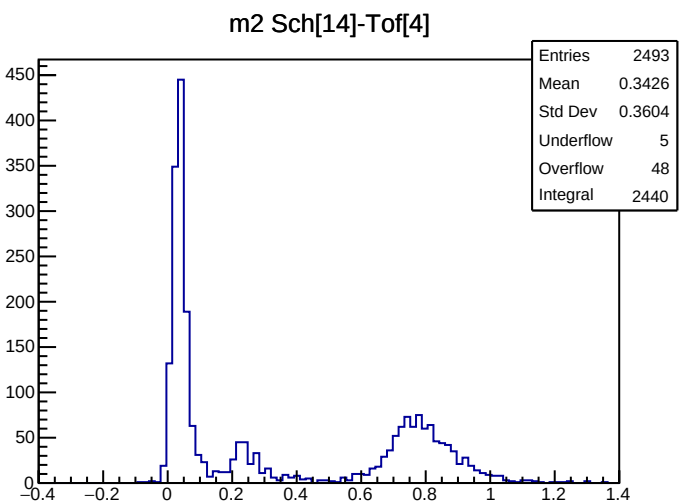

MissMass Sigma Sch[13]-Tof[6]
Entries 2812
Mean 1.203
Std Dev 0.03436
Underflow 9
Overflow 0
Integral 2803

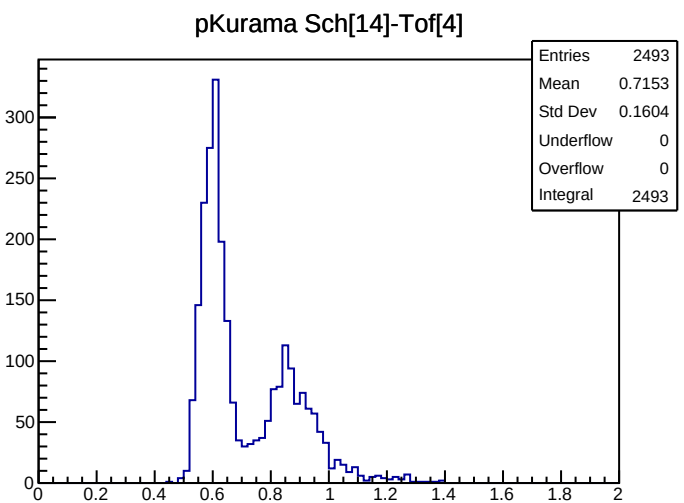

m2 Sch[13]-Tof[6]
Entries 31389
Mean 0.3324
Std Dev 0.348
Underflow 58
Overflow 628
Integral 3.07e+04

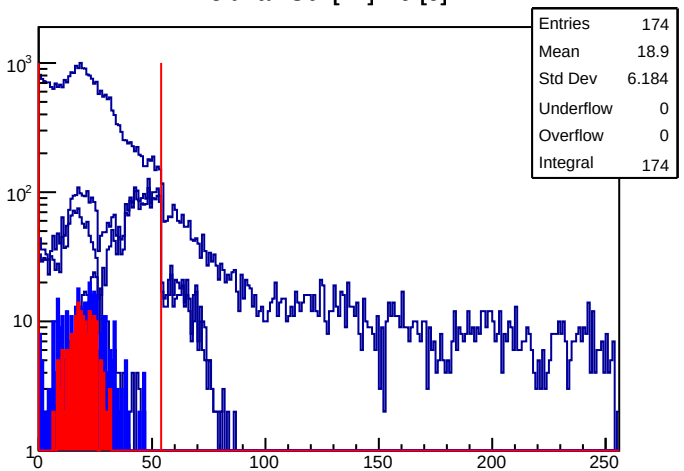

pKurama Sch[13]-Tof[6]
Entries 31389
Mean 0.8586
Std Dev 0.07872
Underflow 0
Overflow 1
Integral 3.139e+04

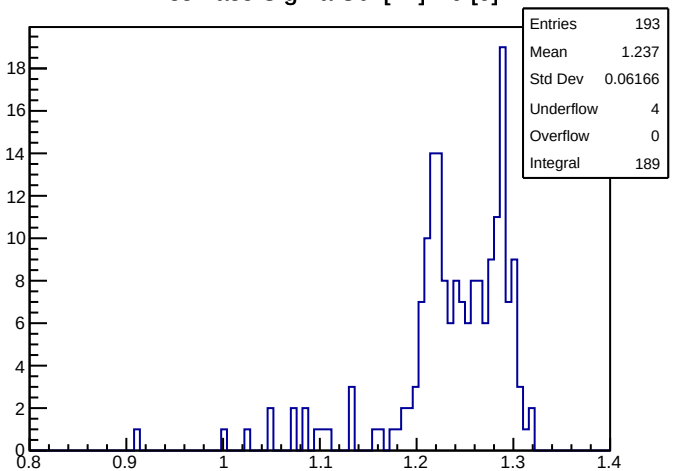

sftx all Sch[14]-Tof[4]
Entries 106
Mean 17.75
Std Dev 5.898
Underflow 0
Overflow 0
Integral 106

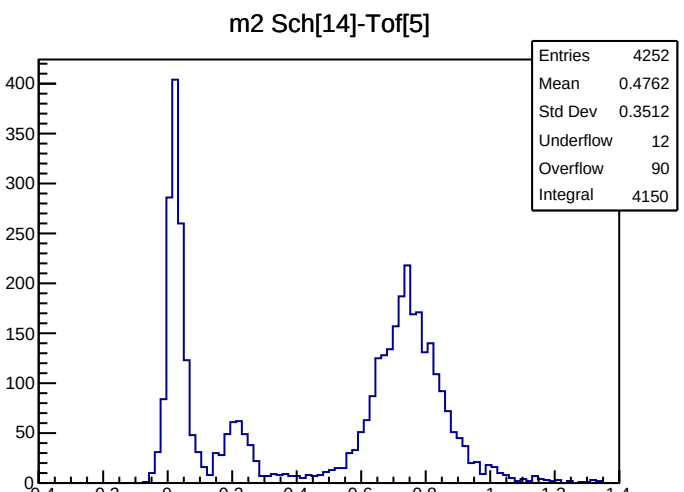

MissMass Sigma Sch[14]-Tof[4]
Entries 116
Mean 1.268
Std Dev 0.07302
Underflow 0
Overflow 0
Integral 116

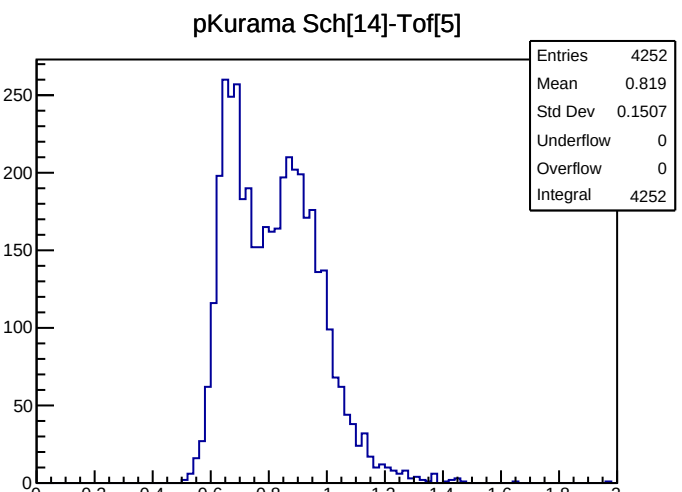

m2 Sch[14]-Tof[4]
Entries 2493
Mean 0.3426
Std Dev 0.3604
Underflow 5
Overflow 48
Integral 2440

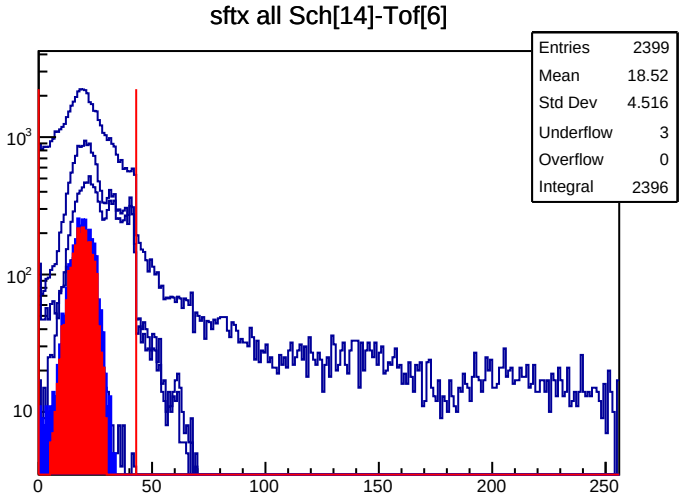

pKurama Sch[14]-Tof[4]
Entries 2493
Mean 0.7153
Std Dev 0.1604
Underflow 0
Overflow 0
Integral 2493

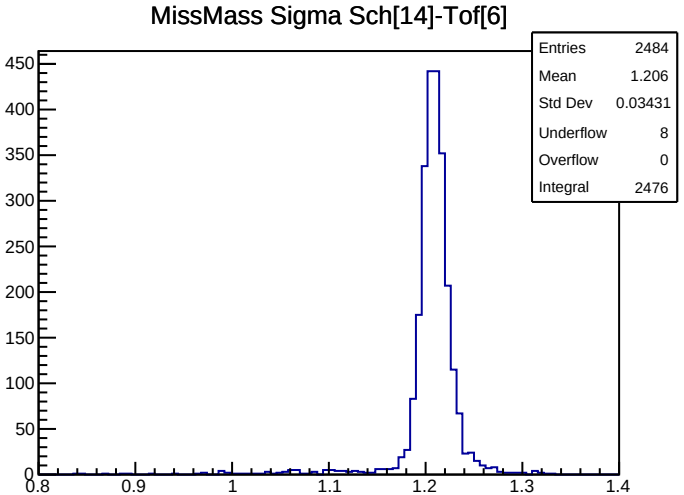

sftx all Sch[14]-Tof[5]
Entries 174
Mean 18.9
Std Dev 6.184
Underflow 0
Overflow 0
Integral 174

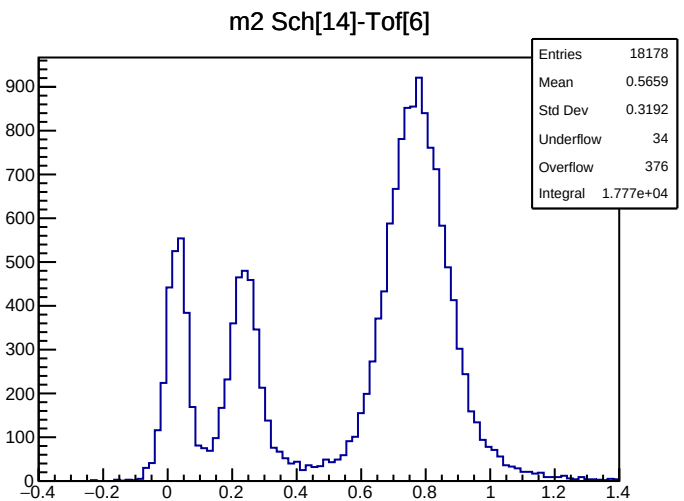

MissMass Sigma Sch[14]-Tof[5]
Entries 193
Mean 1.237
Std Dev 0.06166
Underflow 4
Overflow 0
Integral 189

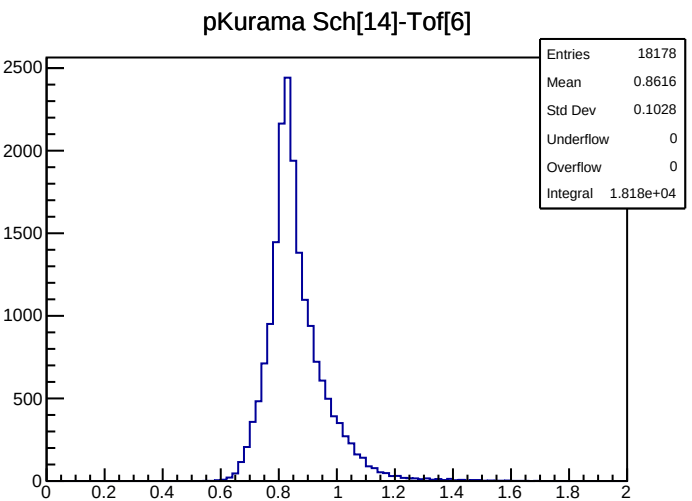

m2 Sch[14]-Tof[5]
Entries 4252
Mean 0.4762
Std Dev 0.3512
Underflow 12
Overflow 90
Integral 4150

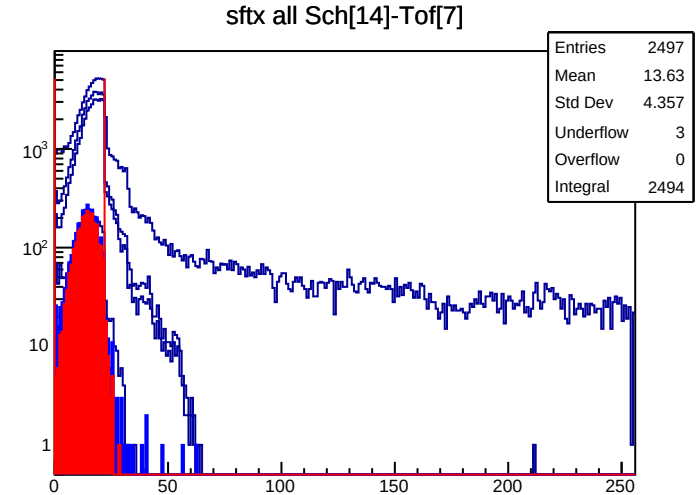

pKurama Sch[14]-Tof[5]
Entries 4252
Mean 0.819
Std Dev 0.1507
Underflow 0
Overflow 0
Integral 4252

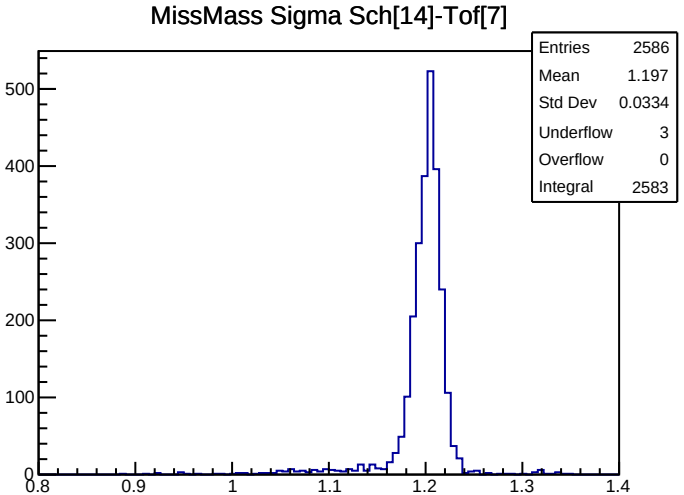

sftx all Sch[14]-Tof[6]
Entries 2399
Mean 18.52
Std Dev 4.516
Underflow 3
Overflow 0
Integral 2396

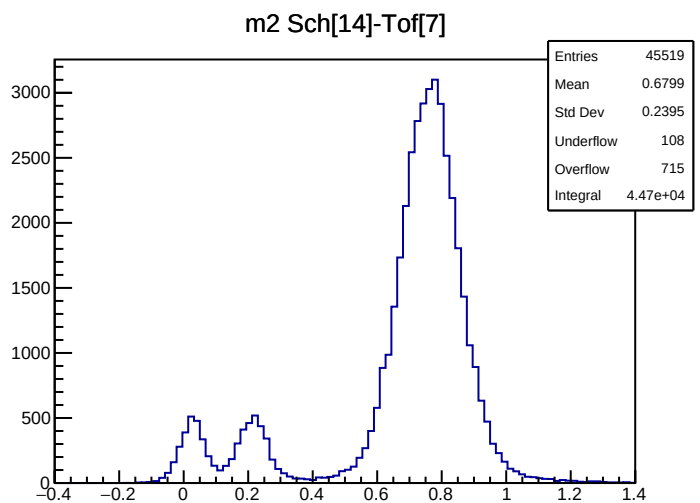

MissMass Sigma Sch[14]-Tof[6]
Entries 2484
Mean 1.206
Std Dev 0.03431
Underflow 8
Overflow 0
Integral 2476

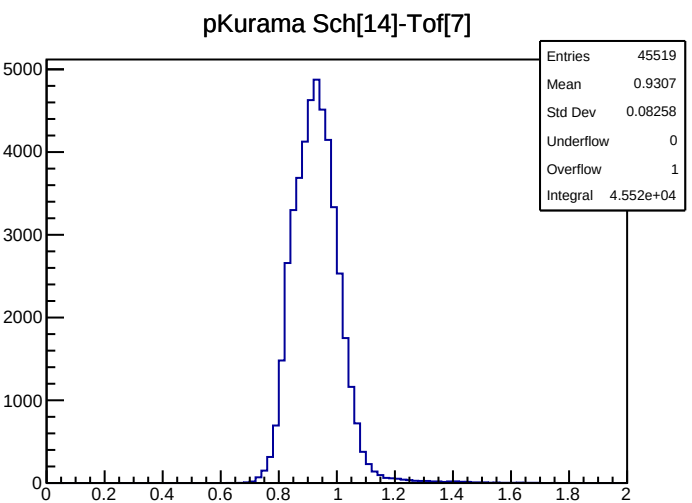

m2 Sch[14]-Tof[6]
Entries 18178
Mean 0.5659
Std Dev 0.3192
Underflow 34
Overflow 376
Integral 1.777e+04

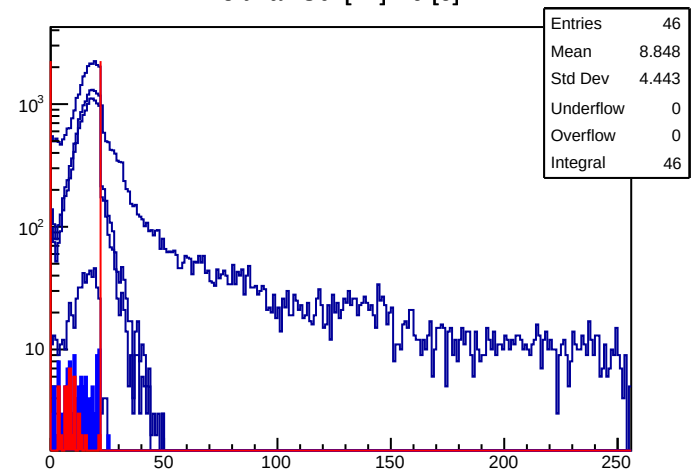

pKurama Sch[14]-Tof[6]
Entries 18178
Mean 0.8616
Std Dev 0.1028
Underflow 0
Overflow 0
Integral 1.818e+04

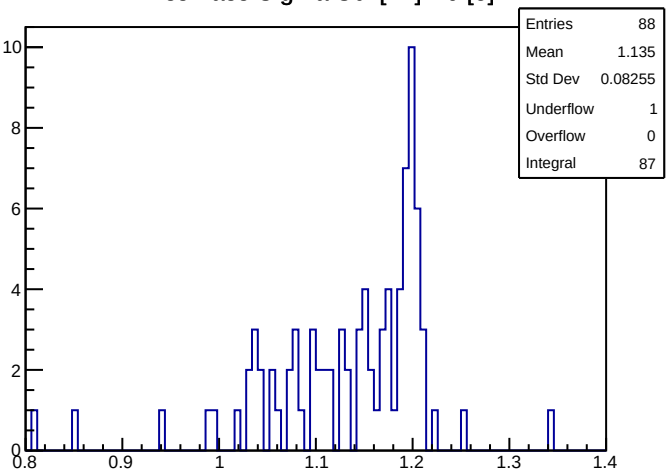

sftx all Sch[14]-Tof[7]
Entries 2497
Mean 13.63
Std Dev 4.357
Underflow 3
Overflow 0
Integral 2494

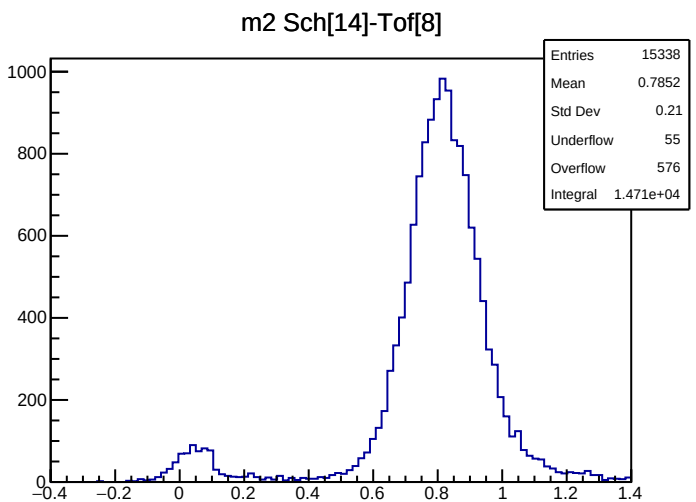

MissMass Sigma Sch[14]-Tof[7]
Entries 2586
Mean 1.197
Std Dev 0.0334
Underflow 3
Overflow 0
Integral 2583

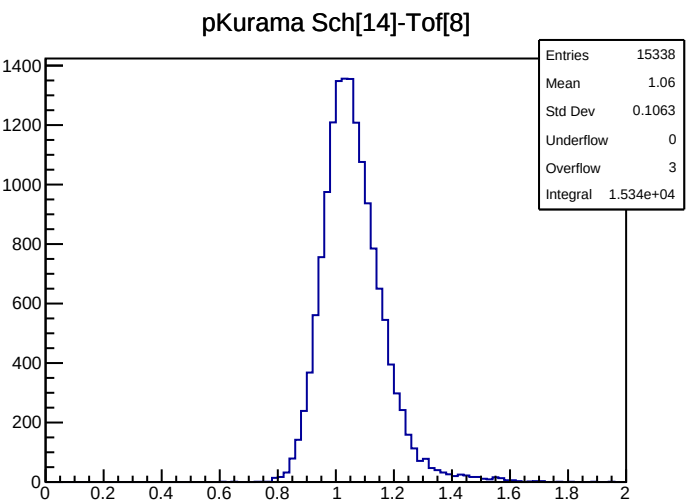

m2 Sch[14]-Tof[7]
Entries 45519
Mean 0.6799
Std Dev 0.2395
Underflow 108
Overflow 715
Integral 4.47e+04

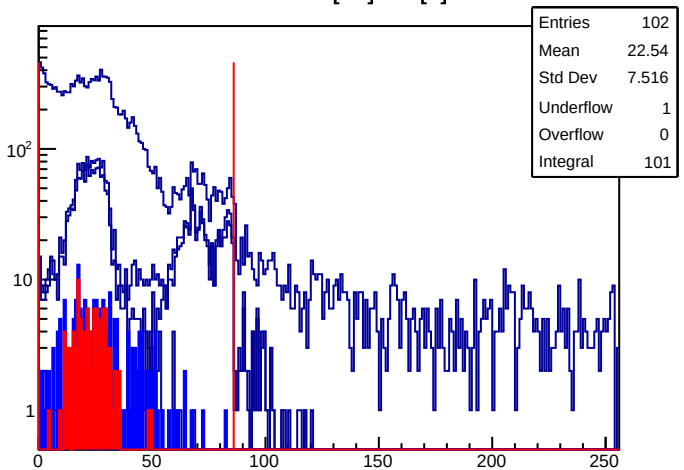

pKurama Sch[14]-Tof[7]
Entries 45519
Mean 0.9307
Std Dev 0.08258
Underflow 0
Overflow 1
Integral 4.552e+04

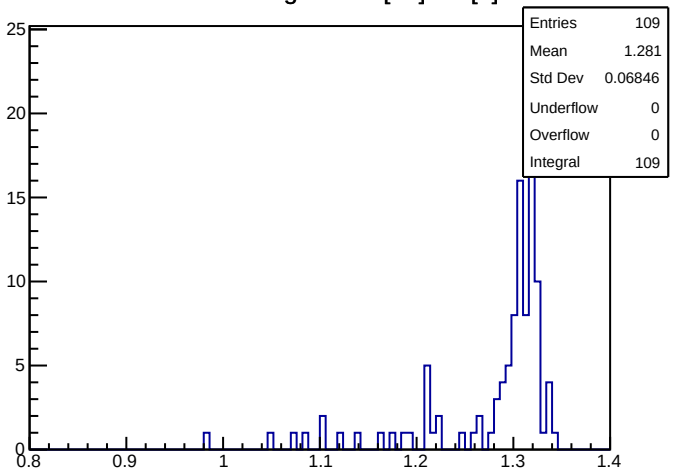

sftx all Sch[14]-Tof[8]
Entries 46
Mean 8.848
Std Dev 4.443
Underflow 0
Overflow 0
Integral 46

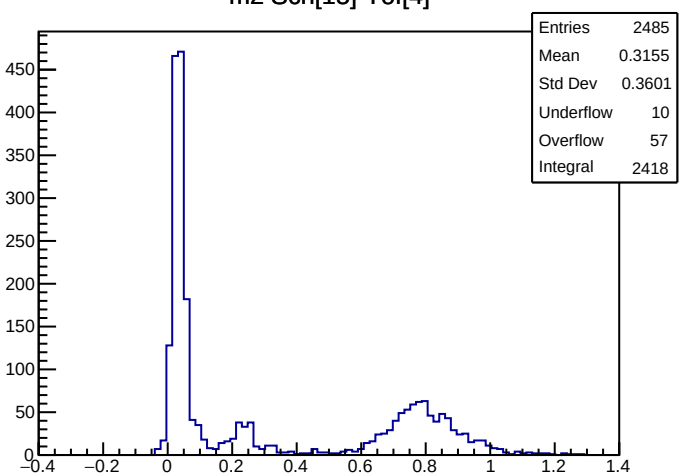

MissMass Sigma Sch[14]-Tof[8]
Entries 88
Mean 1.135
Std Dev 0.08255
Underflow 1
Overflow 0
Integral 87

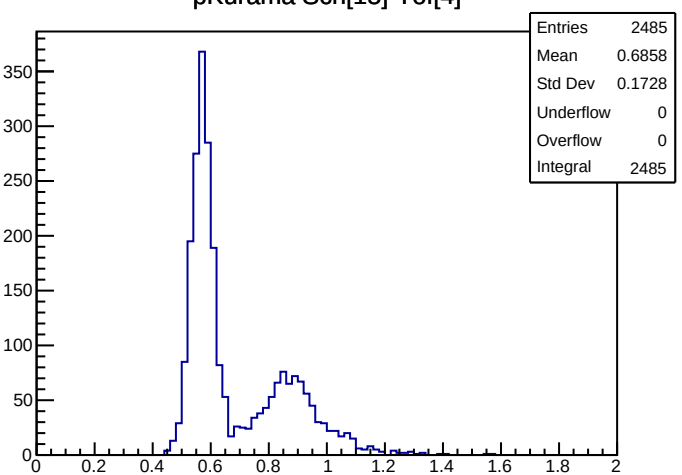

m2 Sch[14]-Tof[8]
Entries 15338
Mean 0.7852
Std Dev 0.21
Underflow 55
Overflow 576
Integral 1.471e+04

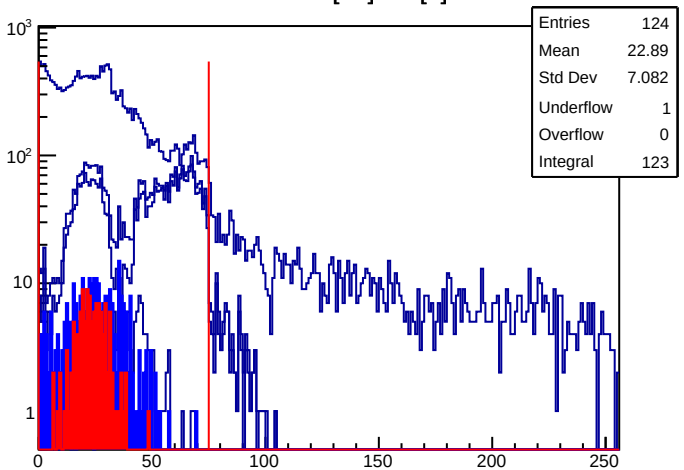

pKurama Sch[14]-Tof[8]
Entries 15338
Mean 1.06
Std Dev 0.1063
Underflow 0
Overflow 3
Integral 1.534e+04

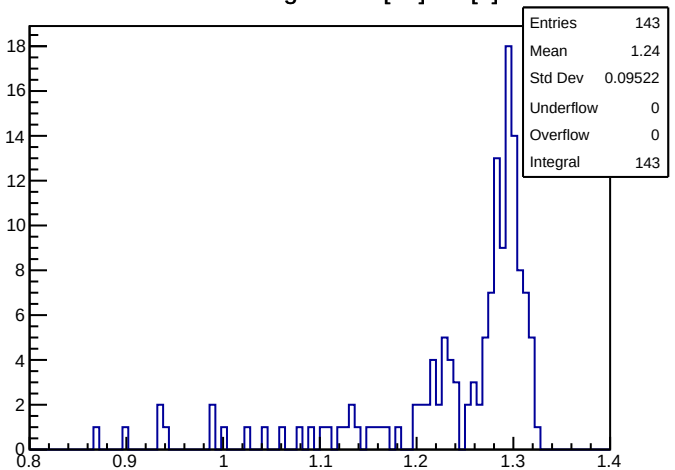

sftx all Sch[15]-Tof[4]
Entries 102
Mean 22.54
Std Dev 7.516
Underflow 1
Overflow 0
Integral 101
10^2
10
1
0
50
100
150
200
250

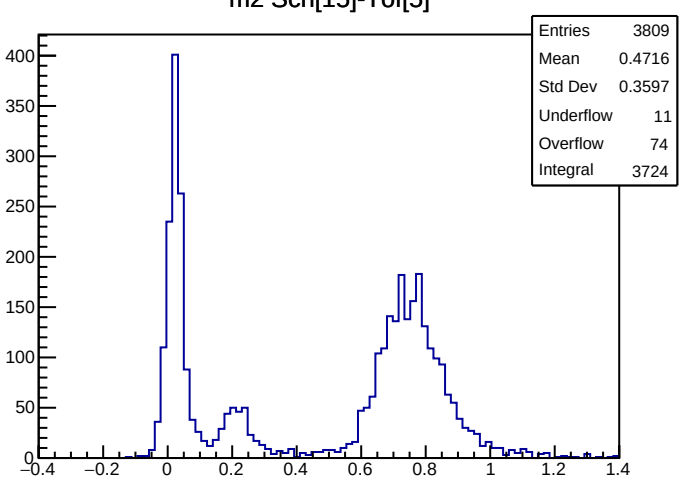

MissMass Sigma Sch[15]-Tof[4]
Entries 109
Mean 1.281
Std Dev 0.06846
Underflow 0
Overflow 0
Integral 109
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

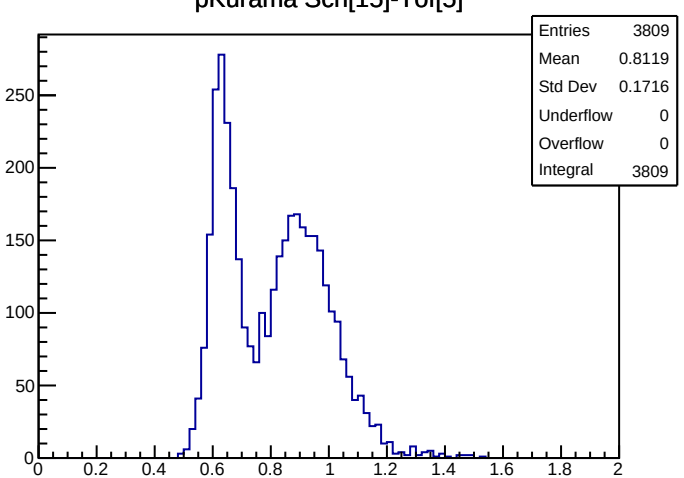

m2 Sch[15]-Tof[4]
Entries 2485
Mean 0.3155
Std Dev 0.3601
Underflow 10
Overflow 57
Integral 2418
450
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

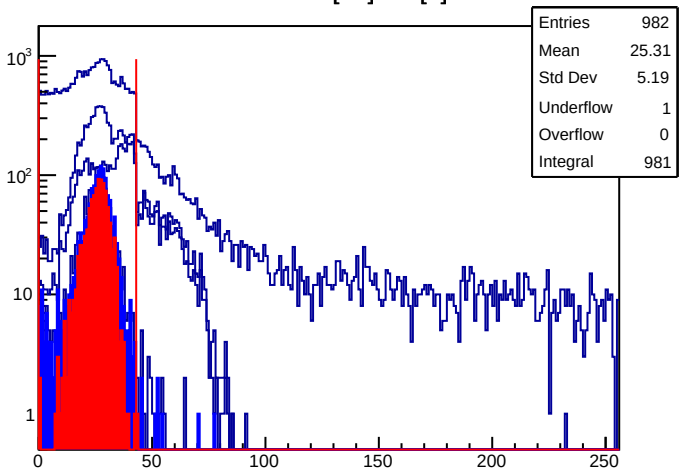

pKurama Sch[15]-Tof[4]
Entries 2485
Mean 0.6858
Std Dev 0.1728
Underflow 0
Overflow 0
Integral 2485
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

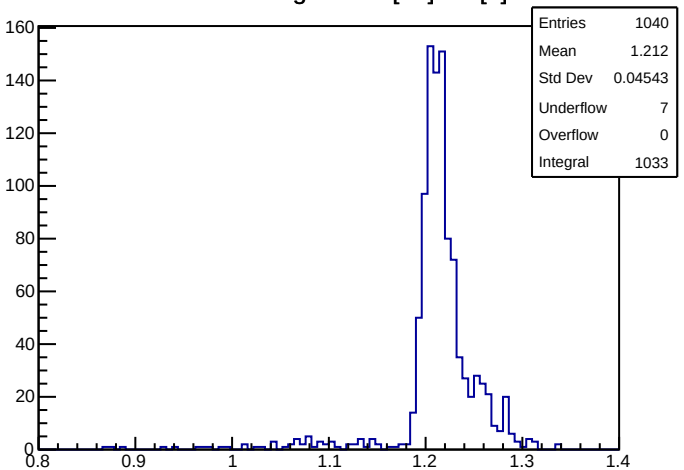

sftx all Sch[15]-Tof[5]
Entries 124
Mean 22.89
Std Dev 7.082
Underflow 1
Overflow 0
Integral 123

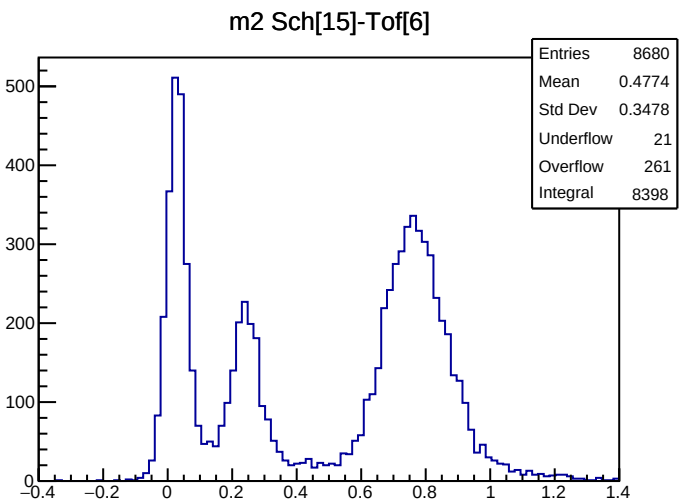

MissMass Sigma Sch[15]-Tof[5]
Entries 143
Mean 1.24
Std Dev 0.09522
Underflow 0
Overflow 0
Integral 143

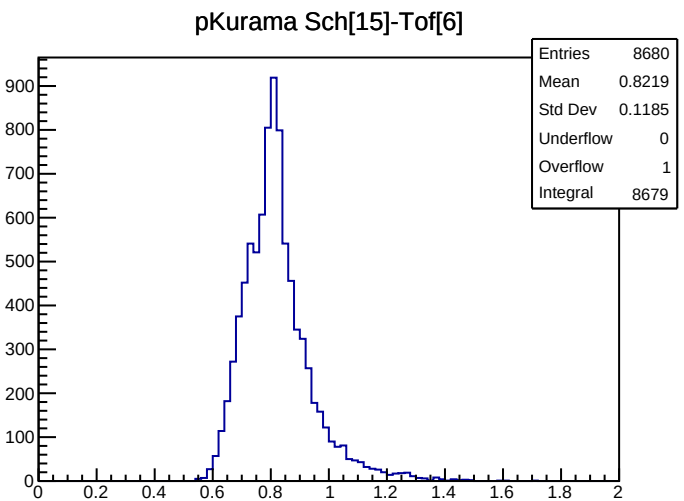

m2 Sch[15]-Tof[5]
Entries 3809
Mean 0.4716
Std Dev 0.3597
Underflow 11
Overflow 74
Integral 3724

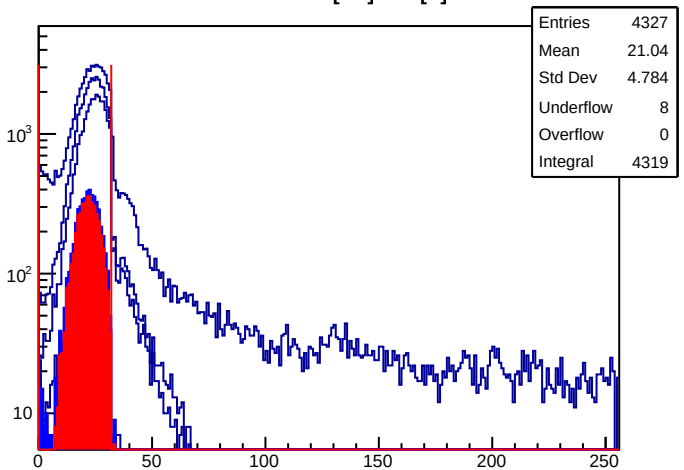

pKurama Sch[15]-Tof[5]
Entries 3809
Mean 0.8119
Std Dev 0.1716
Underflow 0
Overflow 0
Integral 3809

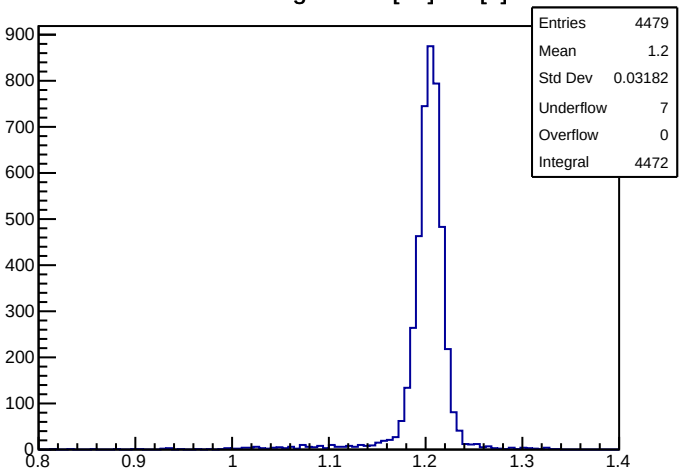

sftx all Sch[15]-Tof[6]
Entries 982
Mean 25.31
Std Dev 5.19
Underflow 1
Overflow 0
Integral 981

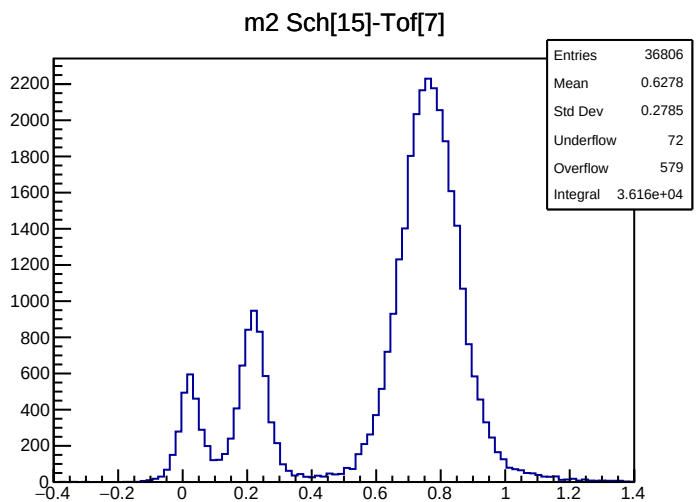

MissMass Sigma Sch[15]-Tof[6]
Entries 1040
Mean 1.212
Std Dev 0.04543
Underflow 7
Overflow 0
Integral 1033

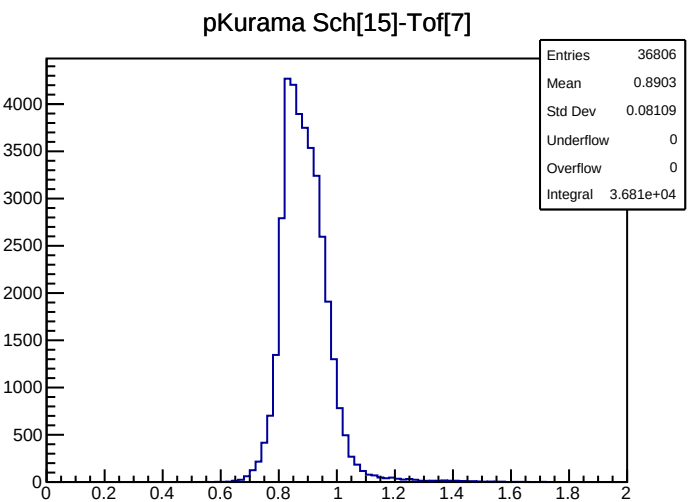

m2 Sch[15]-Tof[6]
Entries 8680
Mean 0.4774
Std Dev 0.3478
Underflow 21
Overflow 261
Integral 8398

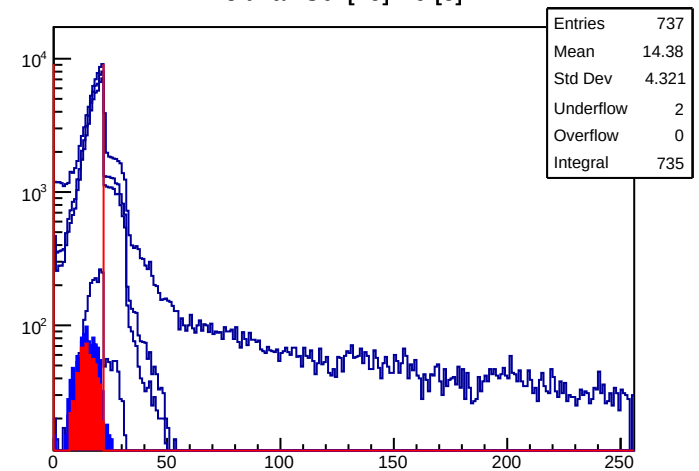

pKurama Sch[15]-Tof[6]
Entries 8680
Mean 0.8219
Std Dev 0.1185
Underflow 0
Overflow 1
Integral 8679

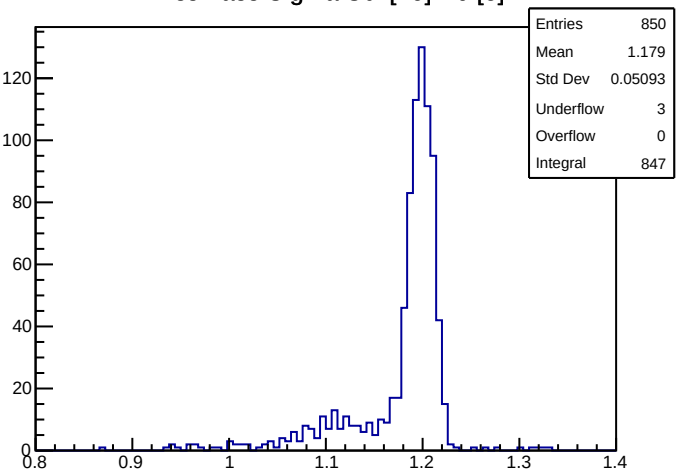

sftx all Sch[15]-Tof[7]
Entries 4327
Mean 21.04
Std Dev 4.784
Underflow 8
Overflow 0
Integral 4319
10^3
10^2
10
0
50
100
150
200
250

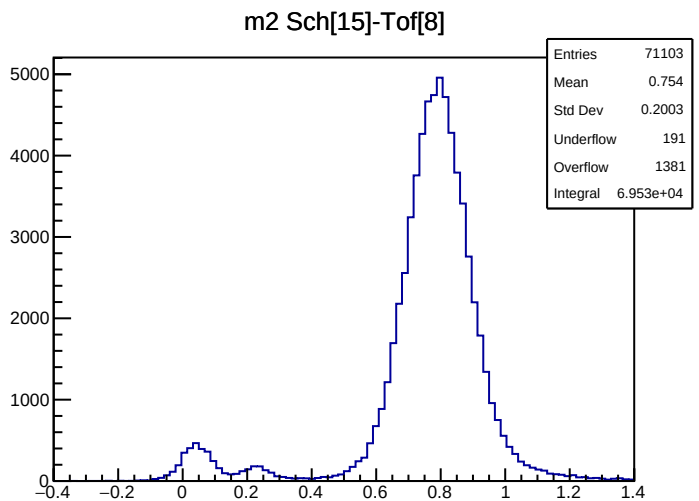

MissMass Sigma Sch[15]-Tof[7]
Entries 4479
Mean 1.2
Std Dev 0.03182
Underflow 7
Overflow 0
Integral 4472
900
800
700
600
500
400
300
200
100
0
0.8
0.9
1
1.1
1.2
1.3
1.4

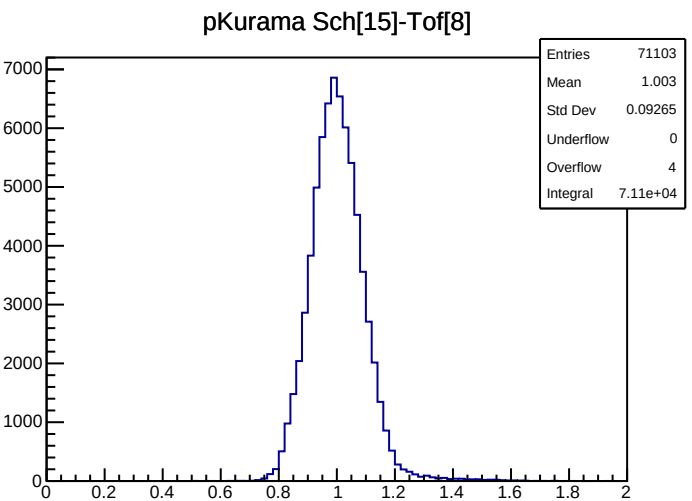

m2 Sch[15]-Tof[7]
Entries 36806
Mean 0.6278
Std Dev 0.2785
Underflow 72
Overflow 579
Integral 3.616e+04
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

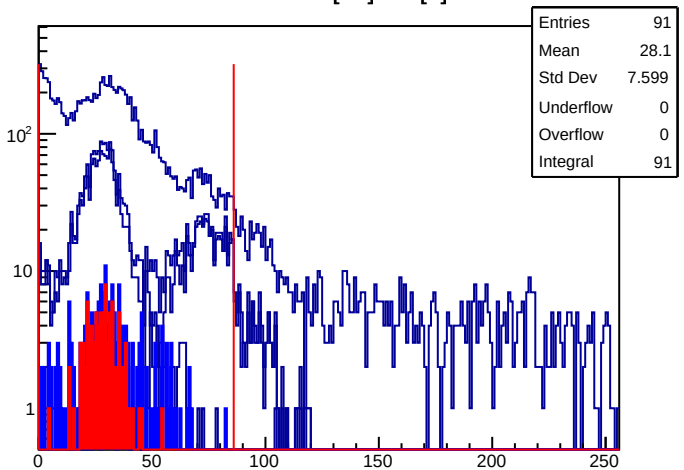

pKurama Sch[15]-Tof[7]
Entries 36806
Mean 0.8903
Std Dev 0.08109
Underflow 0
Overflow 0
Integral 3.681e+04
4000
3500
3000
2500
2000
1500
1000
500
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

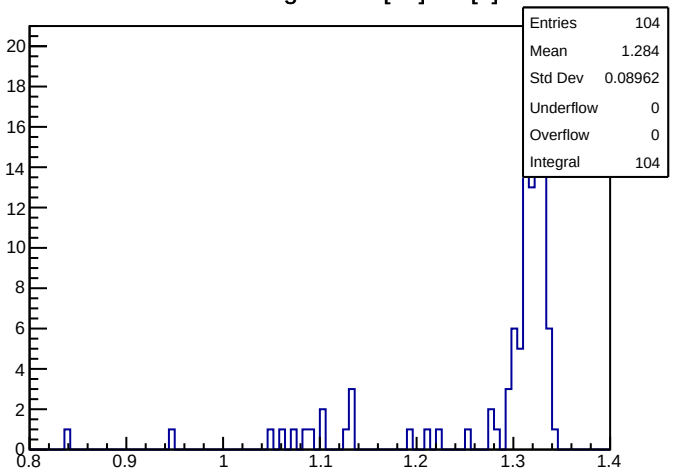

sftx all Sch[15]-Tof[8]
Entries 737
Mean 14.38
Std Dev 4.321
Underflow 2
Overflow 0
Integral 735

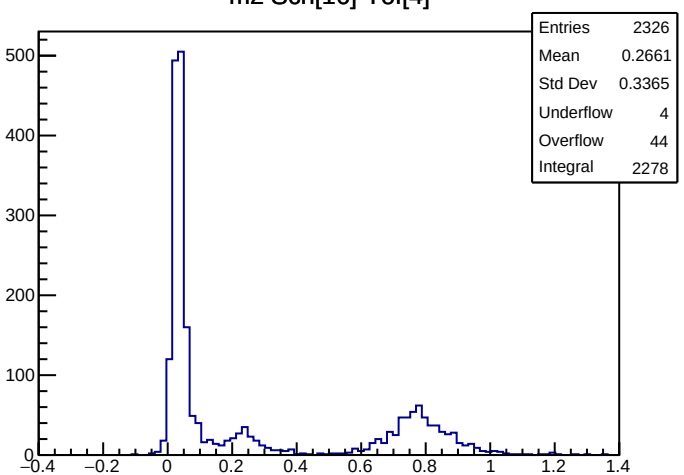

MissMass Sigma Sch[15]-Tof[8]
Entries 850
Mean 1.179
Std Dev 0.05093
Underflow 3
Overflow 0
Integral 847

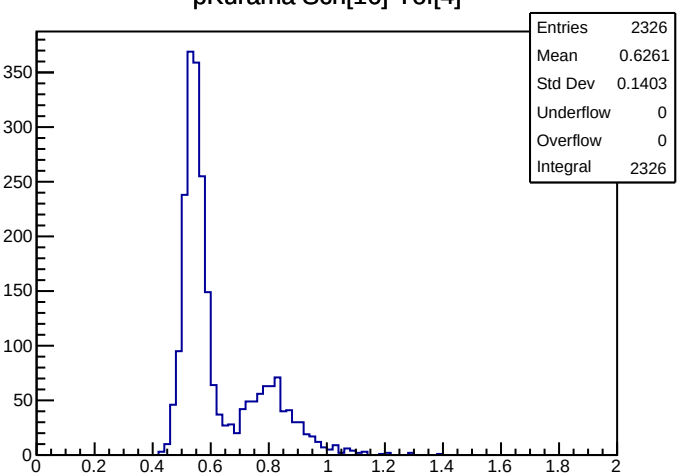

m2 Sch[15]-Tof[8]
Entries 71103
Mean 0.754
Std Dev 0.2003
Underflow 191
Overflow 1381
Integral 6.953e+04

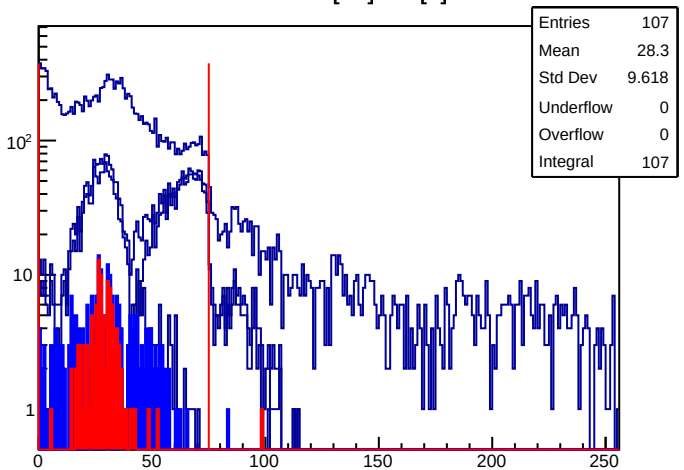

pKurama Sch[15]-Tof[8]
Entries 71103
Mean 1.003
Std Dev 0.09265
Underflow 0
Overflow 4
Integral 7.11e+04

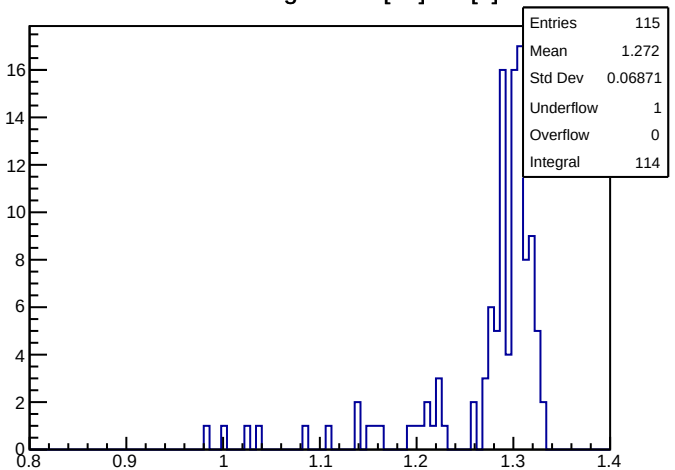

sftx all Sch[16]-Tof[4]
Entries 91
Mean 28.1
Std Dev 7.599
Underflow 0
Overflow 0
Integral 91

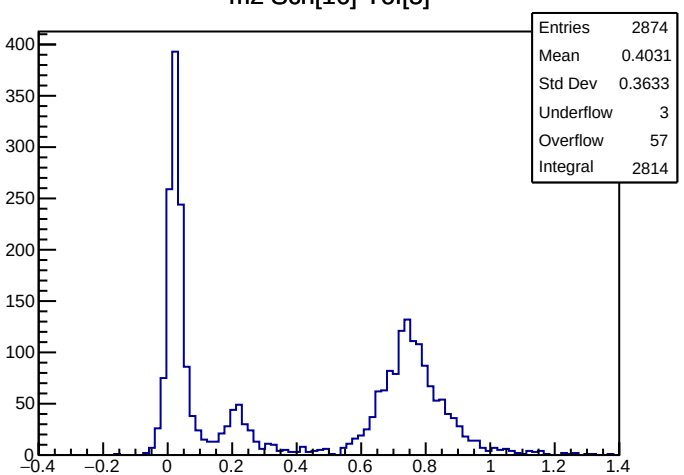

MissMass Sigma Sch[16]-Tof[4]
Entries 104
Mean 1.284
Std Dev 0.08962
Underflow 0
Overflow 0
Integral 104

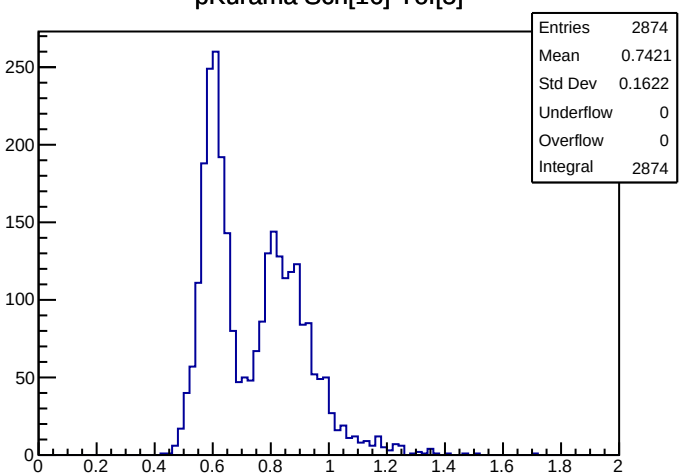

m2 Sch[16]-Tof[4]
Entries 2326
Mean 0.2661
Std Dev 0.3365
Underflow 4
Overflow 44
Integral 2278

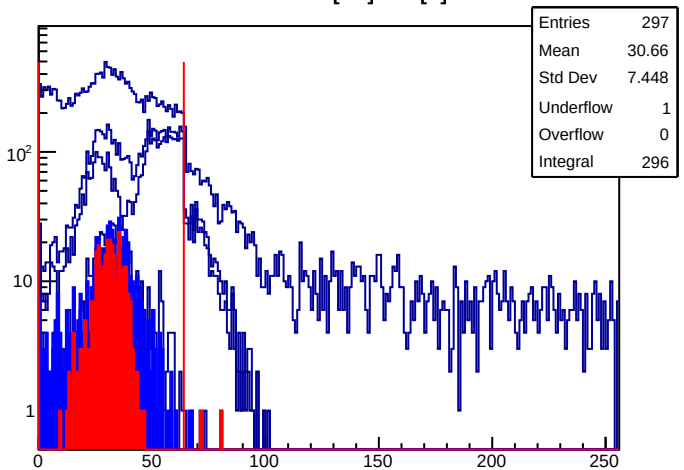

pKurama Sch[16]-Tof[4]
Entries 2326
Mean 0.6261
Std Dev 0.1403
Underflow 0
Overflow 0
Integral 2326

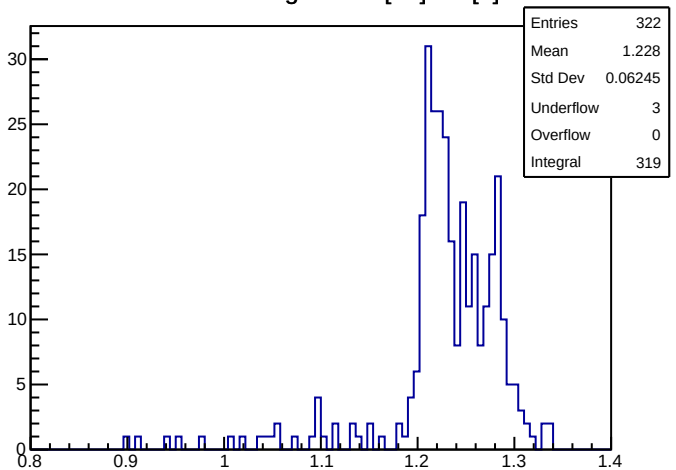

sftx all Sch[16]-Tof[5]
Entries 107
Mean 28.3
Std Dev 9.618
Underflow 0
Overflow 0
Integral 107

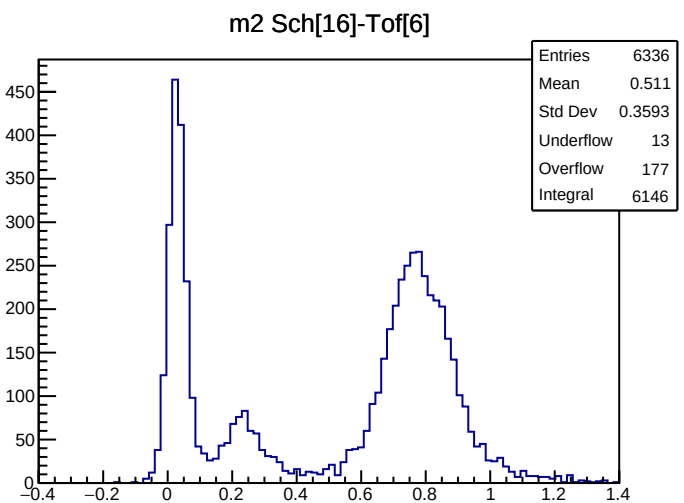

MissMass Sigma Sch[16]-Tof[5]
Entries 115
Mean 1.272
Std Dev 0.06871
Underflow 1
Overflow 0
Integral 114

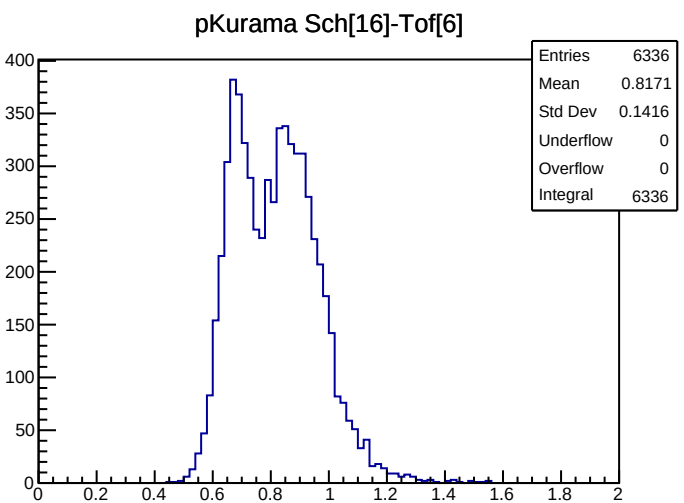

m2 Sch[16]-Tof[5]
Entries 2874
Mean 0.4031
Std Dev 0.3633
Underflow 3
Overflow 57
Integral 2814

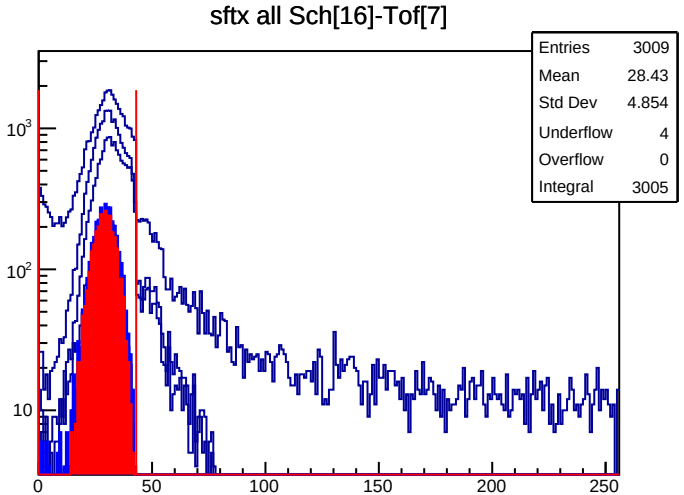

pKurama Sch[16]-Tof[5]
Entries 2874
Mean 0.7421
Std Dev 0.1622
Underflow 0
Overflow 0
Integral 2874

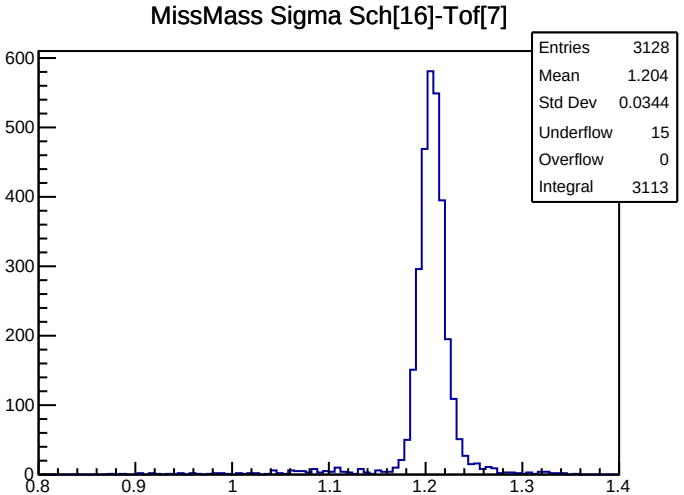

sftx all Sch[16]-Tof[6]
Entries 297
Mean 30.66
Std Dev 7.448
Underflow 1
Overflow 0
Integral 296
10^2
10
1
0
50
100
150
200
250

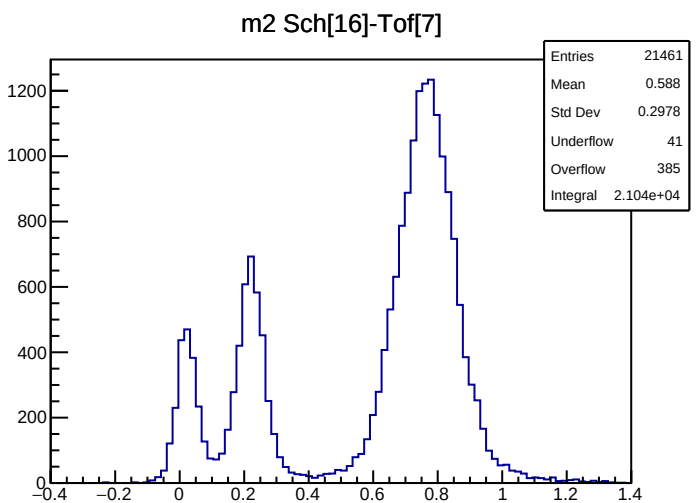

MissMass Sigma Sch[16]-Tof[6]
Entries 322
Mean 1.228
Std Dev 0.06245
Underflow 3
Overflow 0
Integral 319
30
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

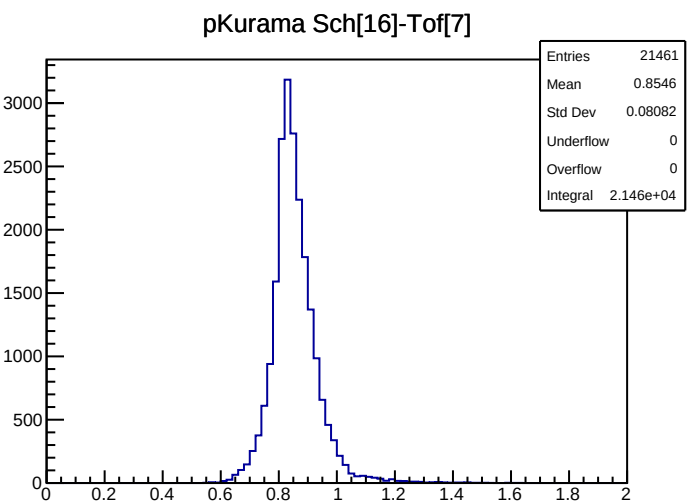

m2 Sch[16]-Tof[6]
Entries 6336
Mean 0.511
Std Dev 0.3593
Underflow 13
Overflow 177
Integral 6146
450
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

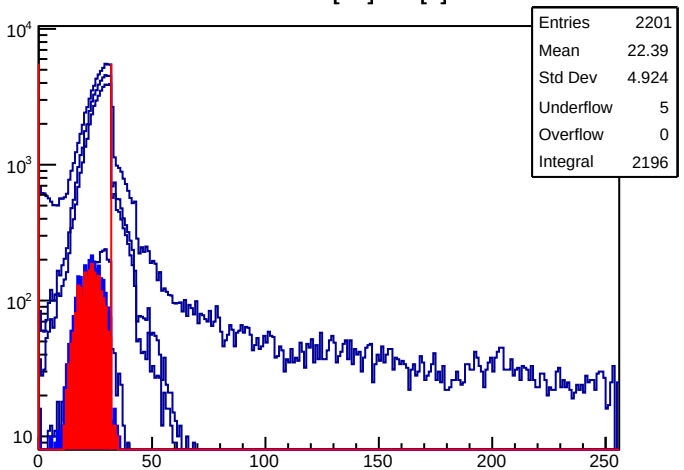

pKurama Sch[16]-Tof[6]
Entries 6336
Mean 0.8171
Std Dev 0.1416
Underflow 0
Overflow 0
Integral 6336
400
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

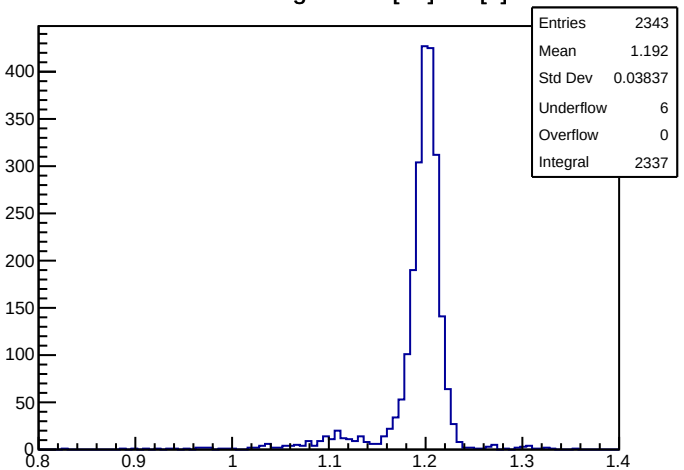

sftx all Sch[16]-Tof[7]
Entries 3009
Mean 28.43
Std Dev 4.854
Underflow 4
Overflow 0
Integral 3005

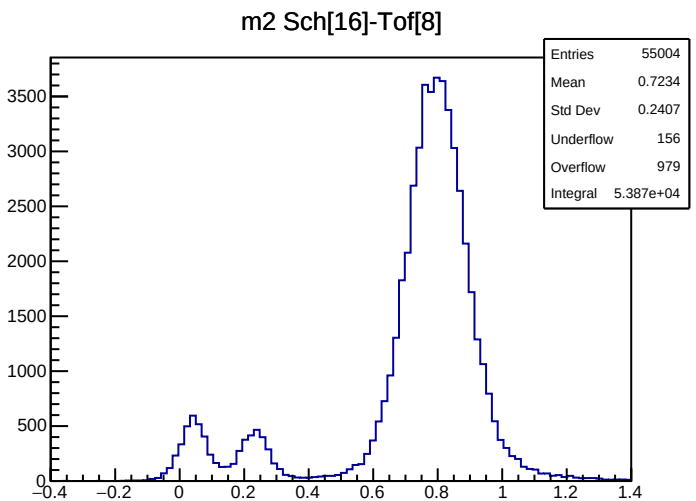

MissMass Sigma Sch[16]-Tof[7]
Entries 3128
Mean 1.204
Std Dev 0.0344
Underflow 15
Overflow 0
Integral 3113

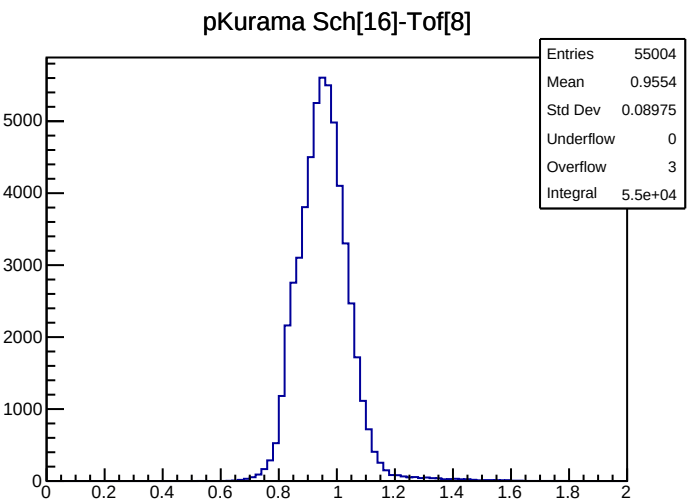

m2 Sch[16]-Tof[7]
Entries 21461
Mean 0.588
Std Dev 0.2978
Underflow 41
Overflow 385
Integral 2.104e+04

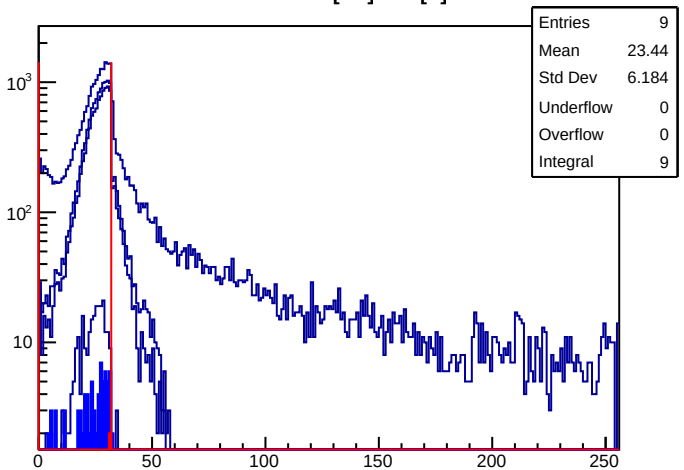

pKurama Sch[16]-Tof[7]
Entries 21461
Mean 0.8546
Std Dev 0.08082
Underflow 0
Overflow 0
Integral 2.146e+04

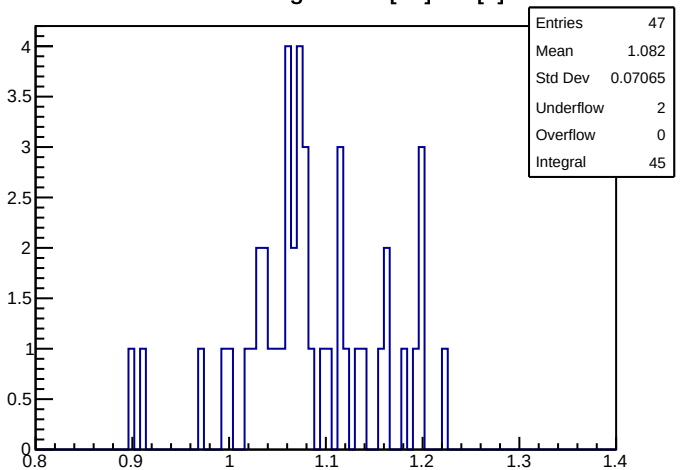

sftx all Sch[16]-Tof[8]
Entries 2201
Mean 22.39
Std Dev 4.924
Underflow 5
Overflow 0
Integral 2196

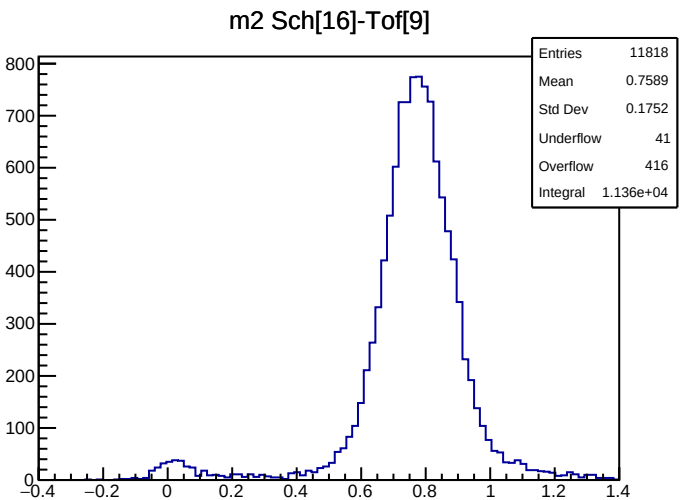

MissMass Sigma Sch[16]-Tof[8]
Entries 2343
Mean 1.192
Std Dev 0.03837
Underflow 6
Overflow 0
Integral 2337

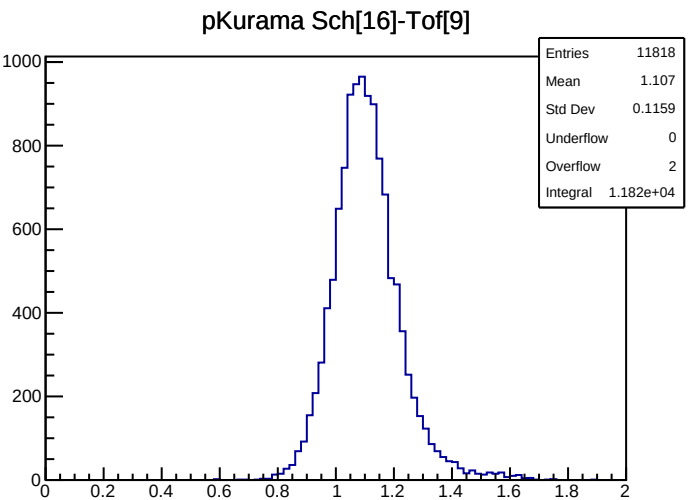

m2 Sch[16]-Tof[8]
Entries 55004
Mean 0.7234
Std Dev 0.2407
Underflow 156
Overflow 979
Integral 5.387e+04

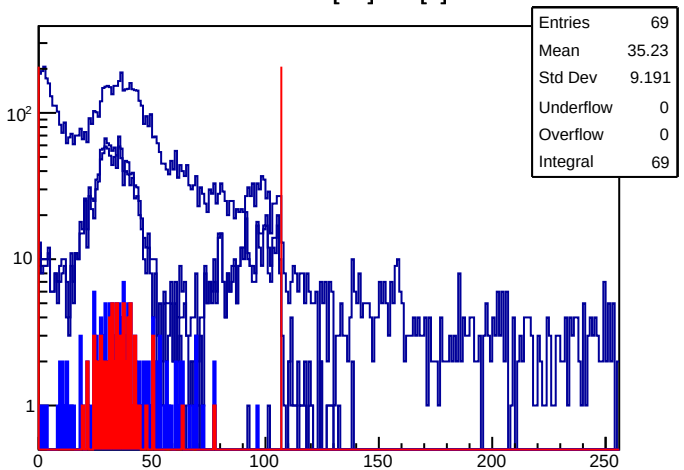

pKurama Sch[16]-Tof[8]
Entries 55004
Mean 0.9554
Std Dev 0.08975
Underflow 0
Overflow 3
Integral 5.5e+04

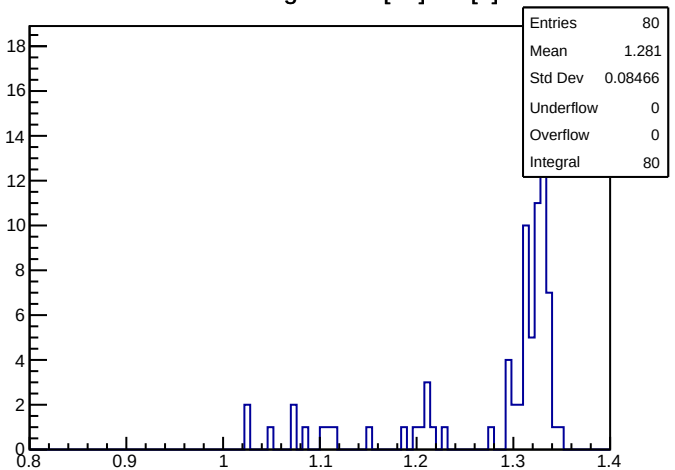

sftx all Sch[16]-Tof[9]
Entries 9
Mean 23.44
Std Dev 6.184
Underflow 0
Overflow 0
Integral 9

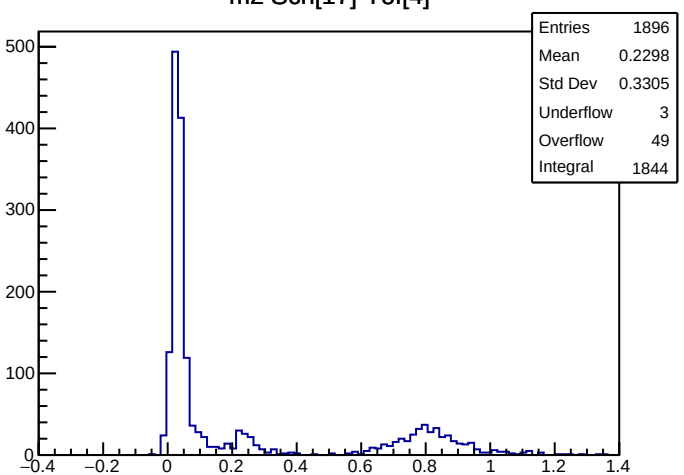

MissMass Sigma Sch[16]-Tof[9]
Entries 47
Mean 1.082
Std Dev 0.07065
Underflow 2
Overflow 0
Integral 45

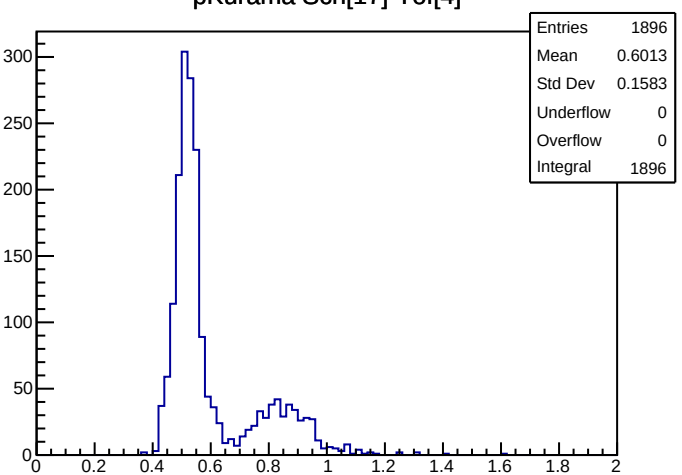

m2 Sch[16]-Tof[9]
Entries 11818
Mean 0.7589
Std Dev 0.1752
Underflow 41
Overflow 416
Integral 1.136e+04

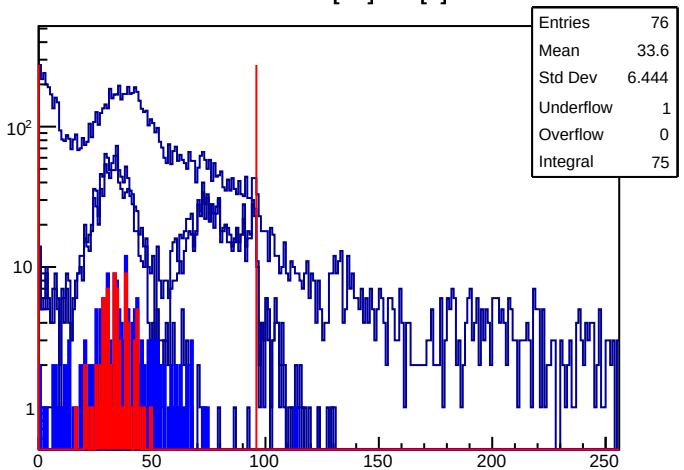

pKurama Sch[16]-Tof[9]
Entries 11818
Mean 1.107
Std Dev 0.1159
Underflow 0
Overflow 2
Integral 1.182e+04

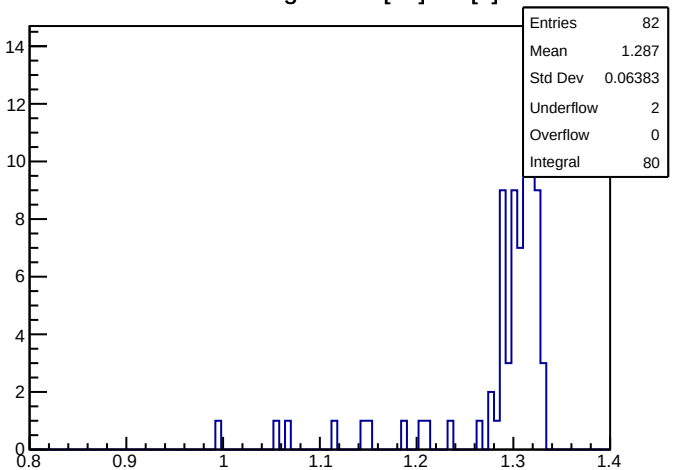

sftx all Sch[17]-Tof[4]
Entries 69
Mean 35.23
Std Dev 9.191
Underflow 0
Overflow 0
Integral 69

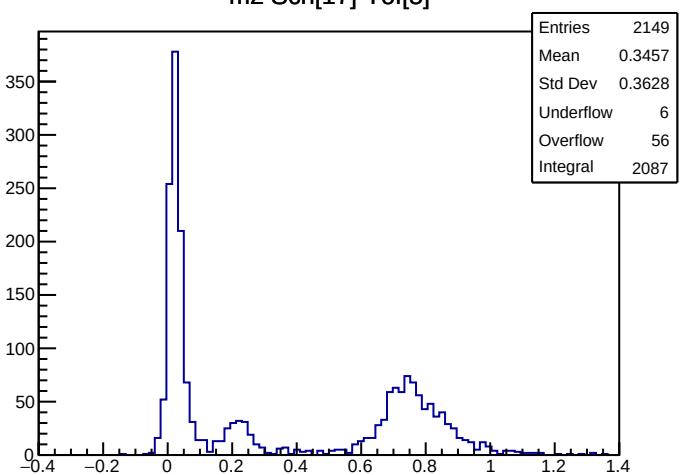

MissMass Sigma Sch[17]-Tof[4]
Entries 80
Mean 1.281
Std Dev 0.08466
Underflow 0
Overflow 0
Integral 80

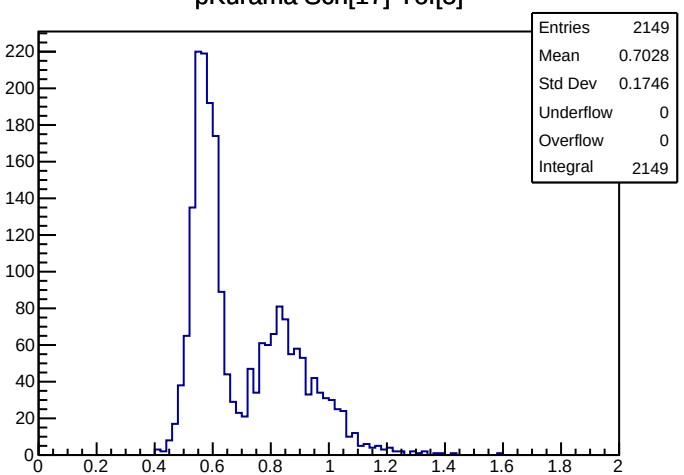

m2 Sch[17]-Tof[4]
Entries 1896
Mean 0.2298
Std Dev 0.3305
Underflow 3
Overflow 49
Integral 1844

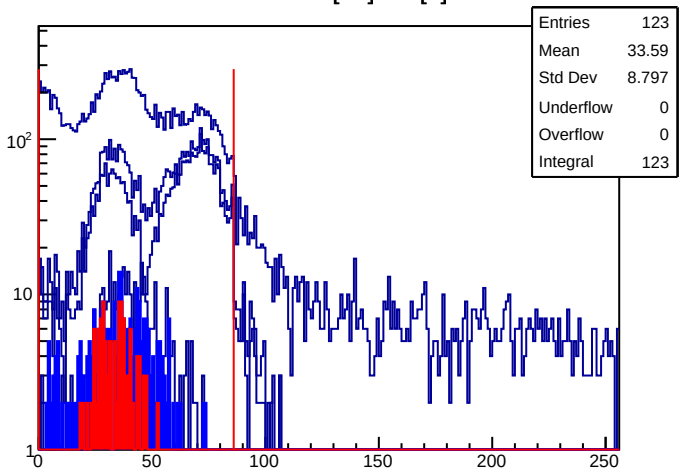

pKurama Sch[17]-Tof[4]
Entries 1896
Mean 0.6013
Std Dev 0.1583
Underflow 0
Overflow 0
Integral 1896

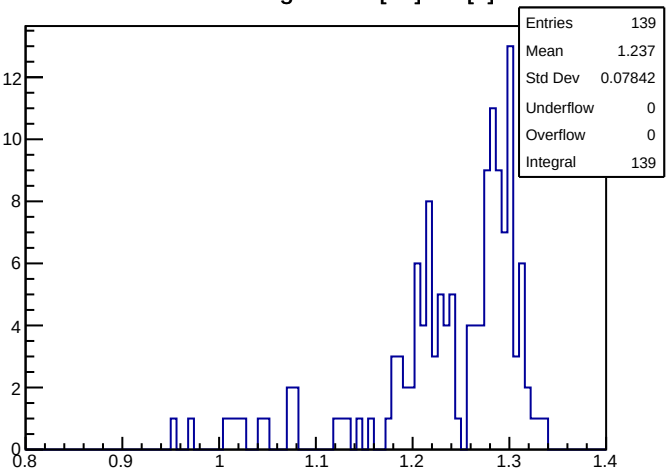

sftx all Sch[17]-Tof[5]
Entries 76
Mean 33.6
Std Dev 6.444
Underflow 1
Overflow 0
Integral 75

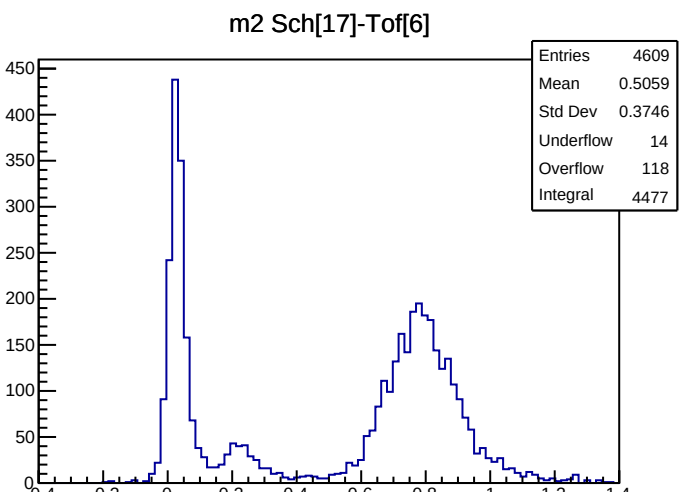

MissMass Sigma Sch[17]-Tof[5]
Entries 82
Mean 1.287
Std Dev 0.06383
Underflow 2
Overflow 0
Integral 80

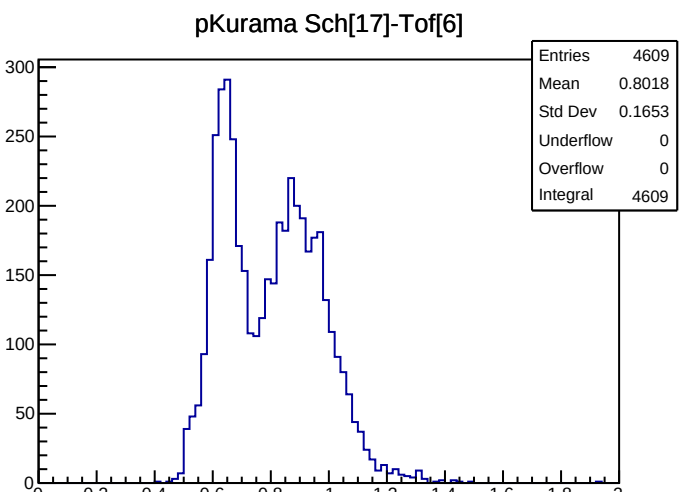

m2 Sch[17]-Tof[5]
Entries 2149
Mean 0.3457
Std Dev 0.3628
Underflow 6
Overflow 56
Integral 2087

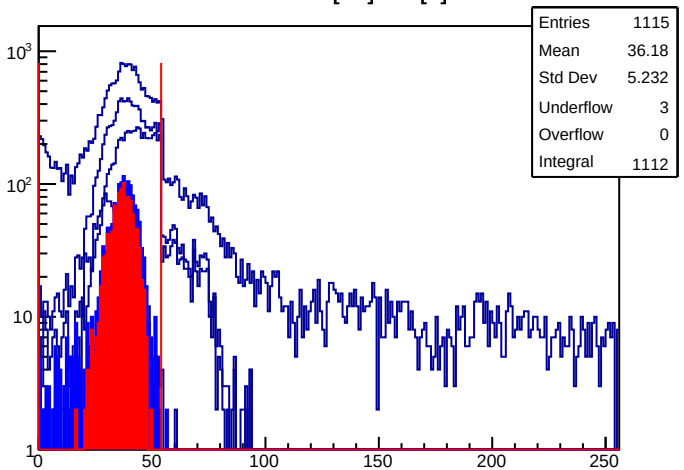

pKurama Sch[17]-Tof[5]
Entries 2149
Mean 0.7028
Std Dev 0.1746
Underflow 0
Overflow 0
Integral 2149

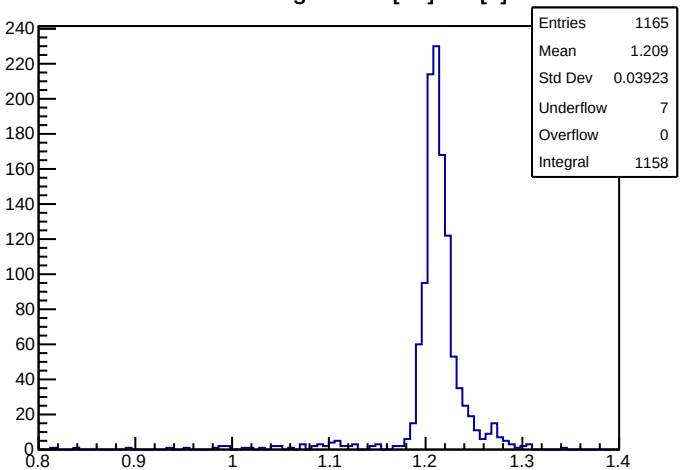

sftx all Sch[17]-Tof[6]
Entries 123
Mean 33.59
Std Dev 8.797
Underflow 0
Overflow 0
Integral 123
10²
10
1
0
50
100
150
200
250

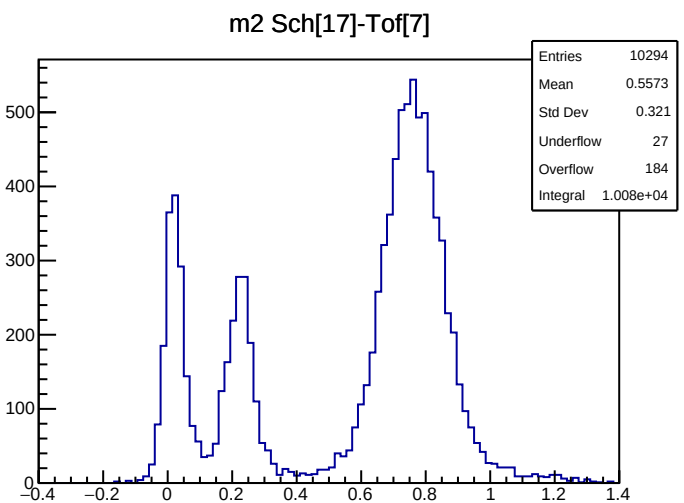

MissMass Sigma Sch[17]-Tof[6]
Entries 139
Mean 1.237
Std Dev 0.07842
Underflow 0
Overflow 0
Integral 139
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

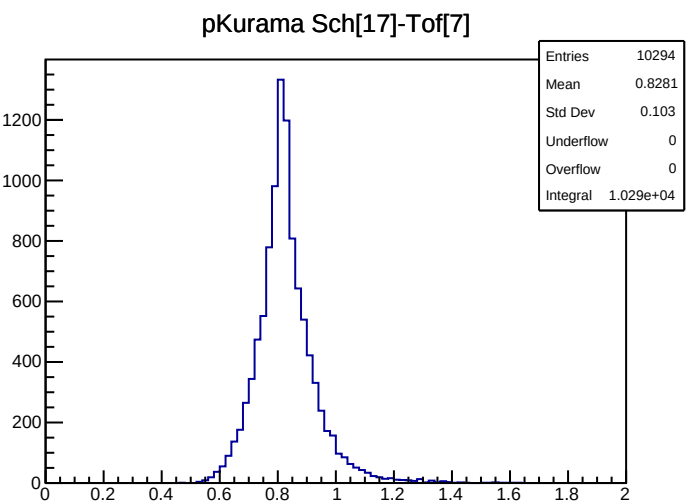

m2 Sch[17]-Tof[6]
Entries 4609
Mean 0.5059
Std Dev 0.3746
Underflow 14
Overflow 118
Integral 4477
450
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

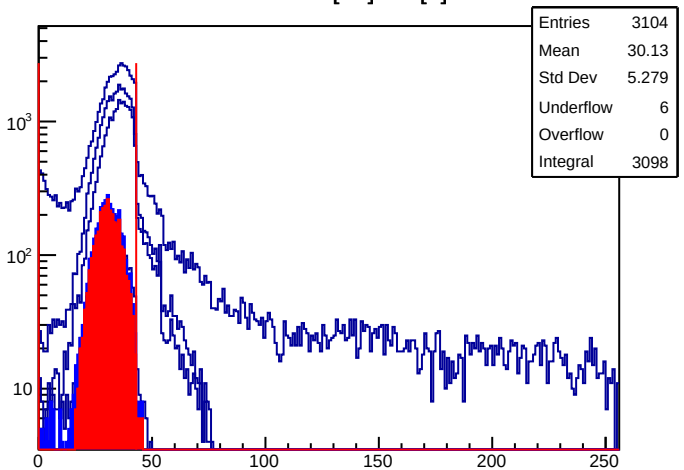

pKurama Sch[17]-Tof[6]
Entries 4609
Mean 0.8018
Std Dev 0.1653
Underflow 0
Overflow 0
Integral 4609
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

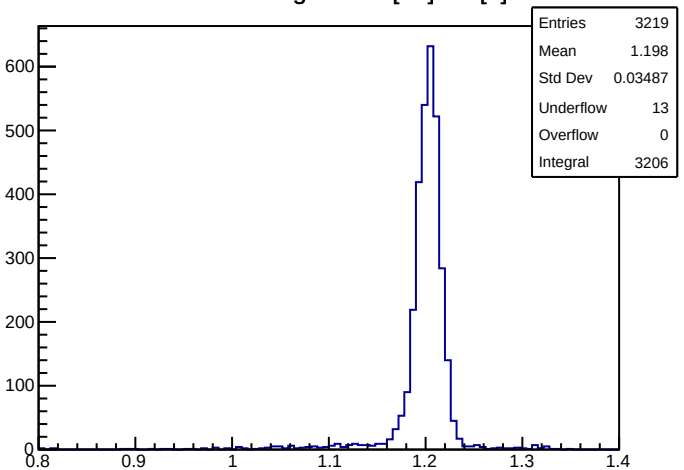

sftx all Sch[17]-Tof[7]
Entries 1115
Mean 36.18
Std Dev 5.232
Underflow 3
Overflow 0
Integral 1112

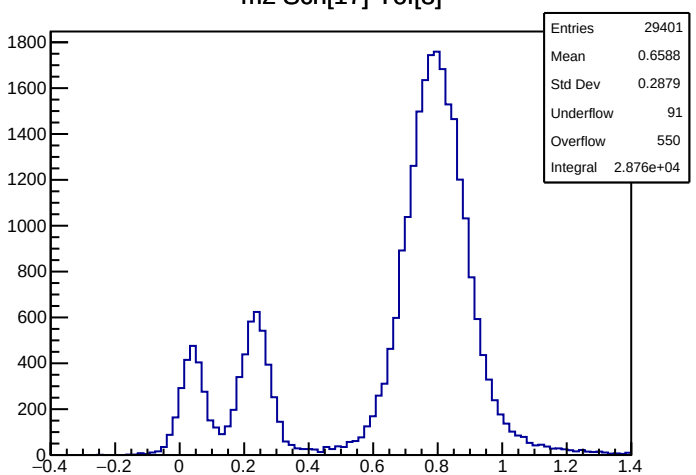

MissMass Sigma Sch[17]-Tof[7]
Entries 1165
Mean 1.209
Std Dev 0.03923
Underflow 7
Overflow 0
Integral 1158

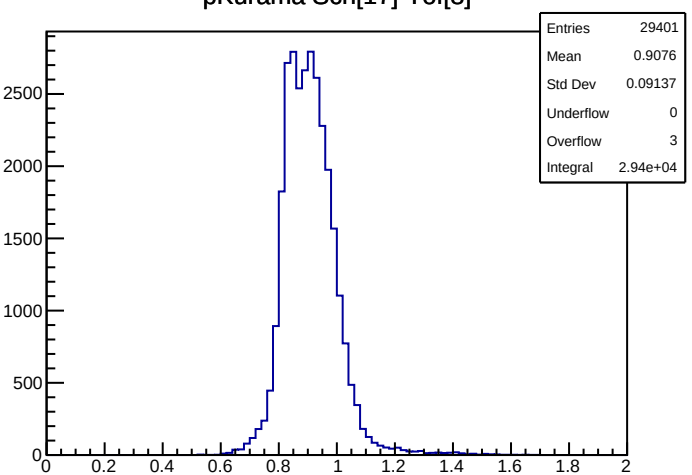

m2 Sch[17]-Tof[7]
Entries 10294
Mean 0.5573
Std Dev 0.321
Underflow 27
Overflow 184
Integral 1.008e+04

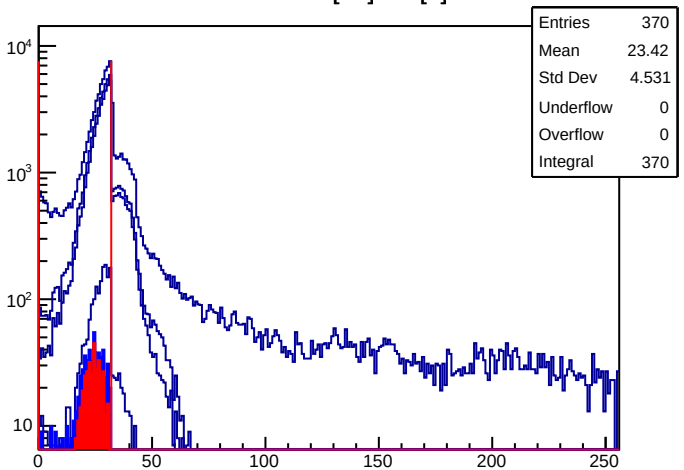

pKurama Sch[17]-Tof[7]
Entries 10294
Mean 0.8281
Std Dev 0.103
Underflow 0
Overflow 0
Integral 1.029e+04

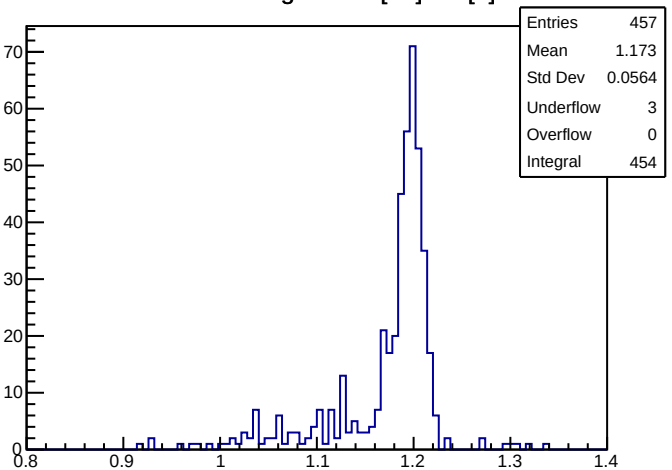

sftx all Sch[17]-Tof[8]
Entries 3104
Mean 30.13
Std Dev 5.279
Underflow 6
Overflow 0
Integral 3098

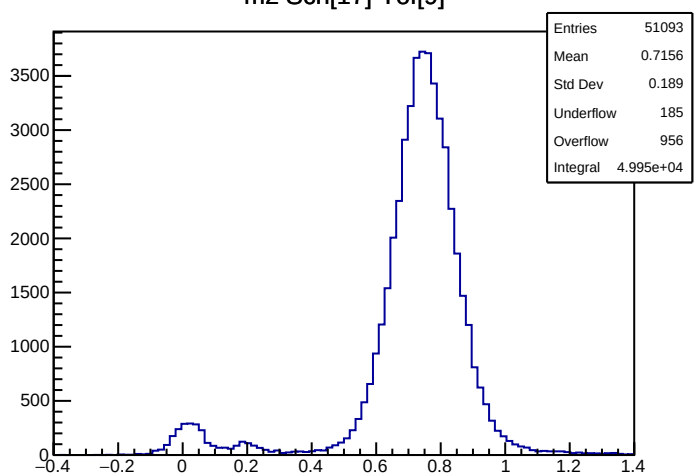

MissMass Sigma Sch[17]-Tof[8]
Entries 3219
Mean 1.198
Std Dev 0.03487
Underflow 13
Overflow 0
Integral 3206

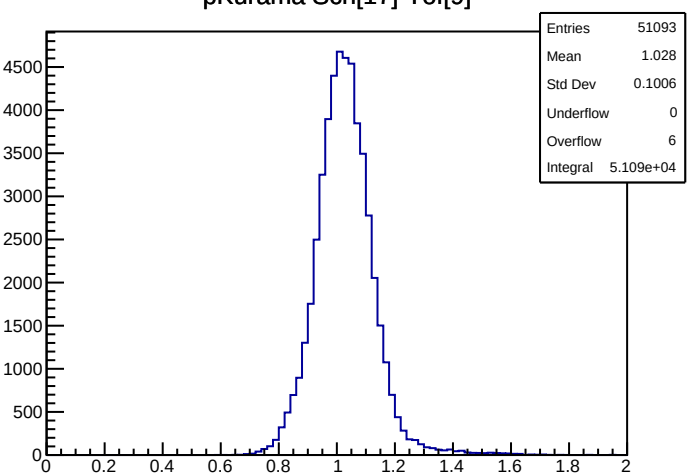

m2 Sch[17]-Tof[8]
Entries 29401
Mean 0.6588
Std Dev 0.2879
Underflow 91
Overflow 550
Integral 2.876e+04

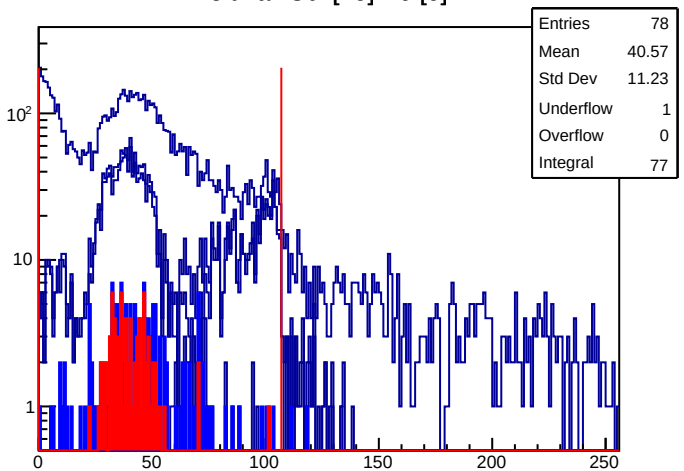

pKurama Sch[17]-Tof[8]
Entries 29401
Mean 0.9076
Std Dev 0.09137
Underflow 0
Overflow 3
Integral 2.94e+04

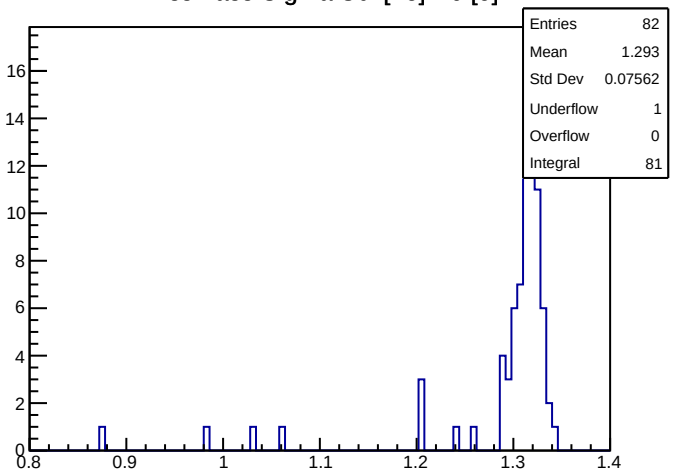

sftx all Sch[17]-Tof[9]
Entries 370
Mean 23.42
Std Dev 4.531
Underflow 0
Overflow 0
Integral 370

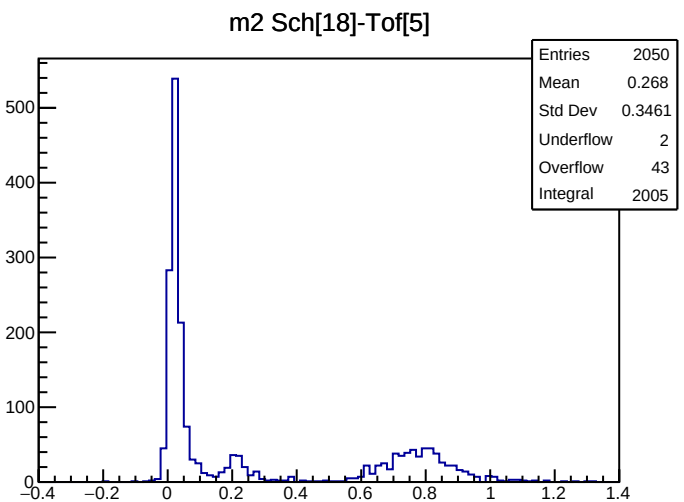

MissMass Sigma Sch[17]-Tof[9]
Entries 457
Mean 1.173
Std Dev 0.0564
Underflow 3
Overflow 0
Integral 454

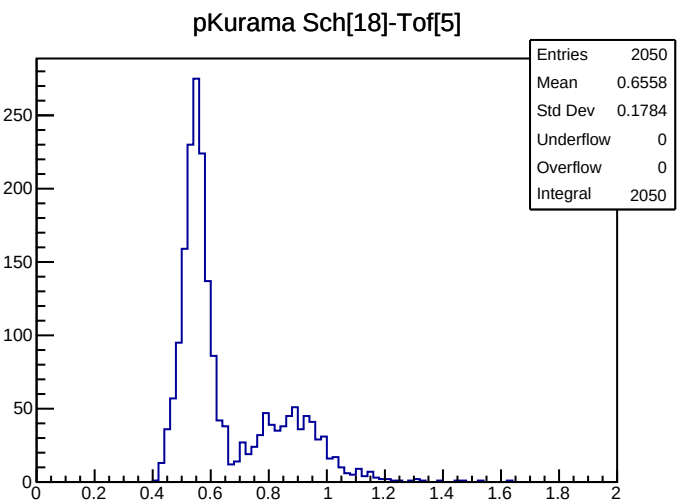

m2 Sch[17]-Tof[9]
Entries 51093
Mean 0.7156
Std Dev 0.189
Underflow 185
Overflow 956
Integral 4.995e+04

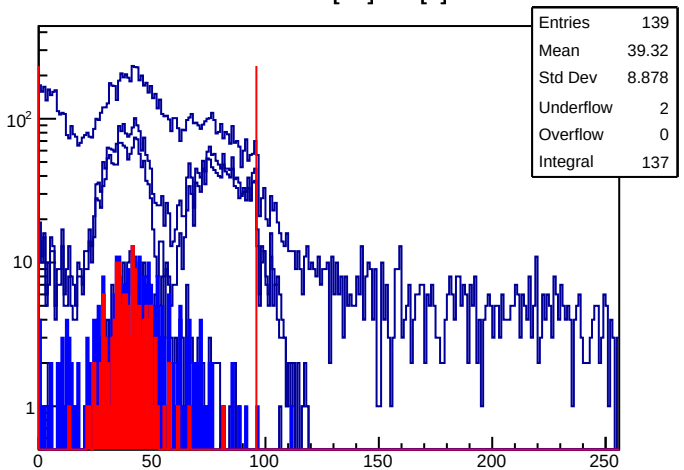

pKurama Sch[17]-Tof[9]
Entries 51093
Mean 1.028
Std Dev 0.1006
Underflow 0
Overflow 6
Integral 5.109e+04

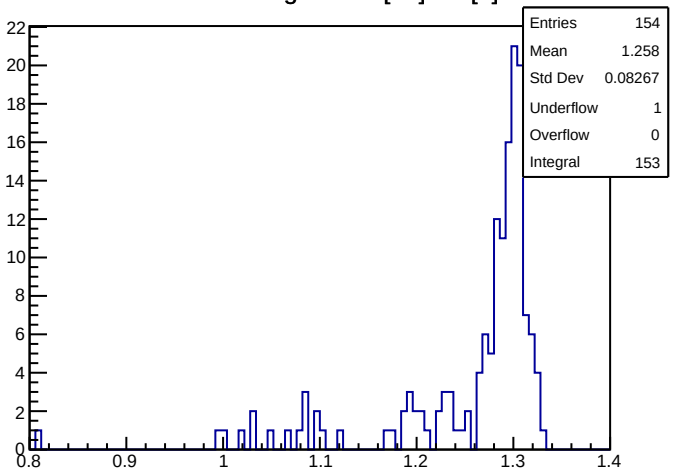

sftx all Sch[18]-Tof[5]
Entries 78
Mean 40.57
Std Dev 11.23
Underflow 1
Overflow 0
Integral 77

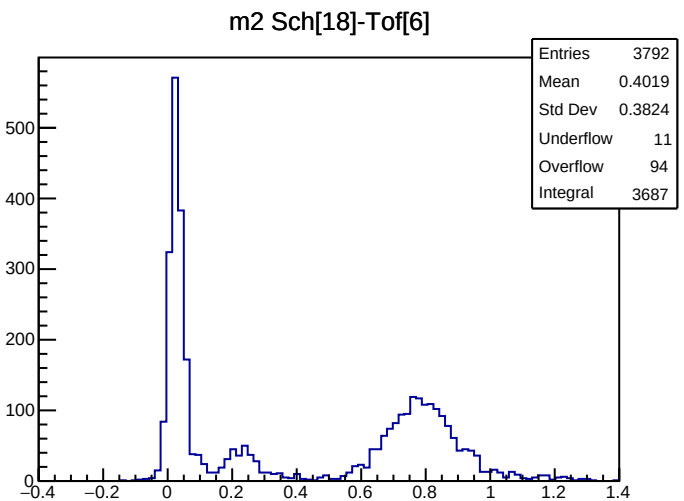

MissMass Sigma Sch[18]-Tof[5]
Entries 82
Mean 1.293
Std Dev 0.07562
Underflow 1
Overflow 0
Integral 81

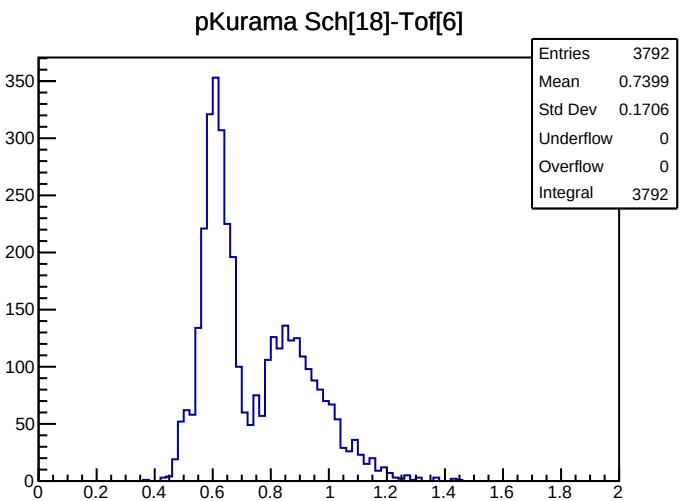

m2 Sch[18]-Tof[5]
Entries 2050
Mean 0.268
Std Dev 0.3461
Underflow 2
Overflow 43
Integral 2005

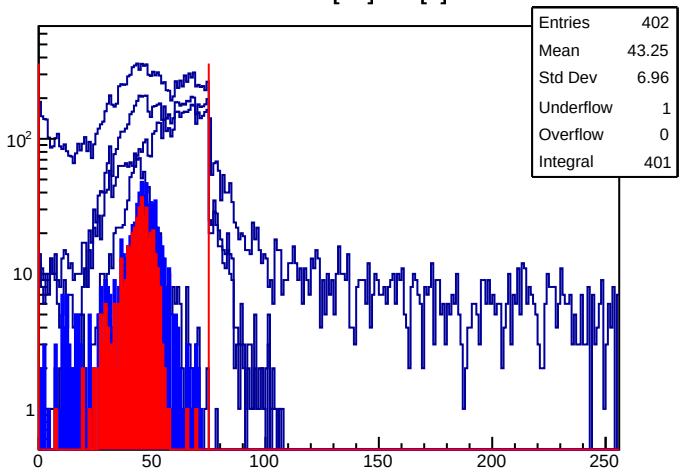

pKurama Sch[18]-Tof[5]
Entries 2050
Mean 0.6558
Std Dev 0.1784
Underflow 0
Overflow 0
Integral 2050

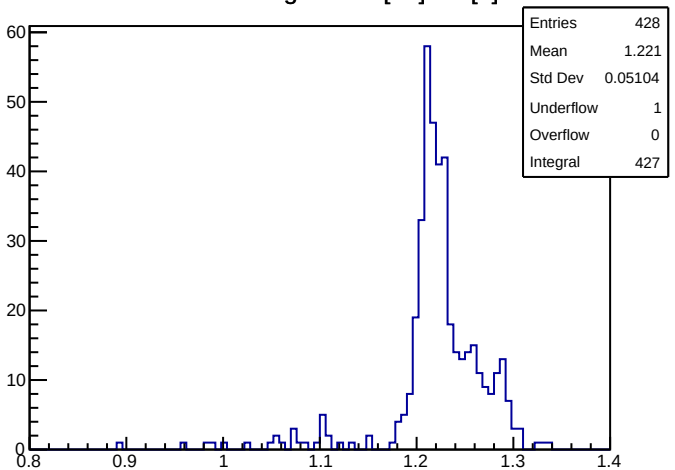

sftx all Sch[18]-Tof[6]
Entries 139
Mean 39.32
Std Dev 8.878
Underflow 2
Overflow 0
Integral 137

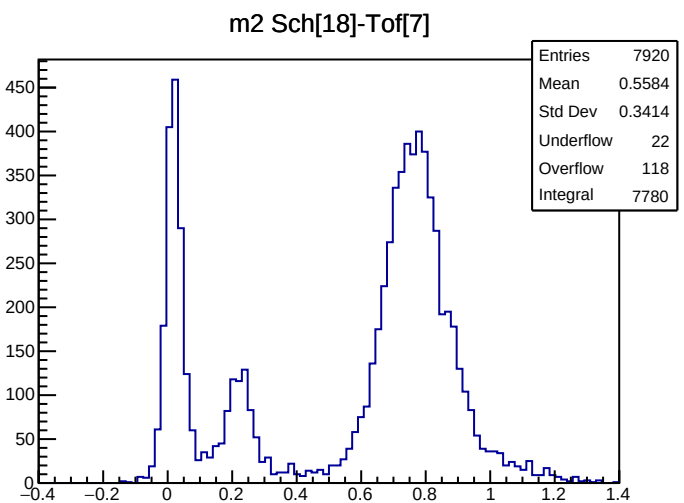

MissMass Sigma Sch[18]-Tof[6]
Entries 154
Mean 1.258
Std Dev 0.08267
Underflow 1
Overflow 0
Integral 153

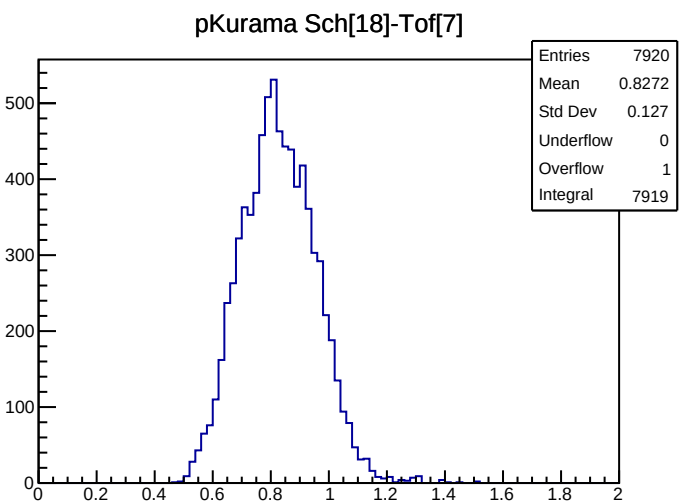

m2 Sch[18]-Tof[6]
Entries 3792
Mean 0.4019
Std Dev 0.3824
Underflow 11
Overflow 94
Integral 3687

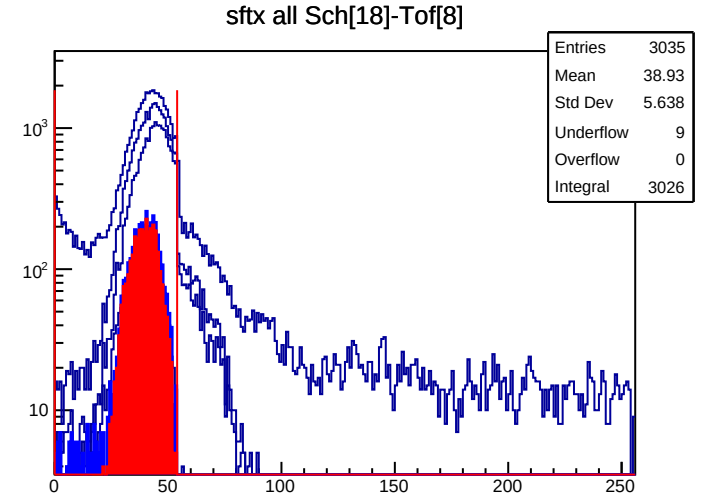

pKurama Sch[18]-Tof[6]
Entries 3792
Mean 0.7399
Std Dev 0.1706
Underflow 0
Overflow 0
Integral 3792

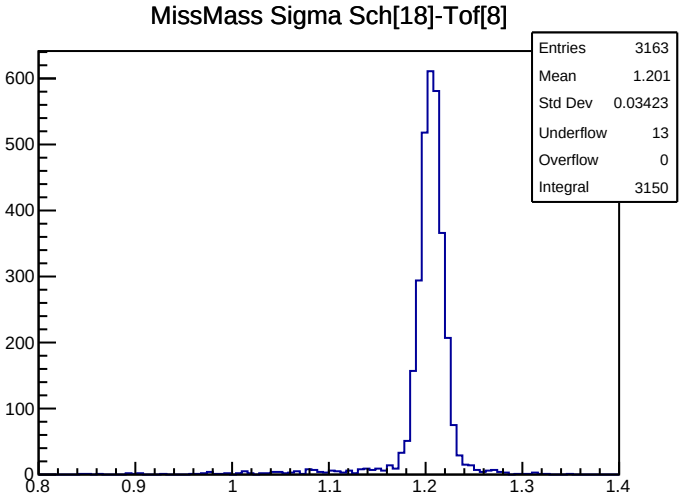

sftx all Sch[18]-Tof[7]
Entries 402
Mean 43.25
Std Dev 6.96
Underflow 1
Overflow 0
Integral 401
10²
10
1
0
50
100
150
200
250

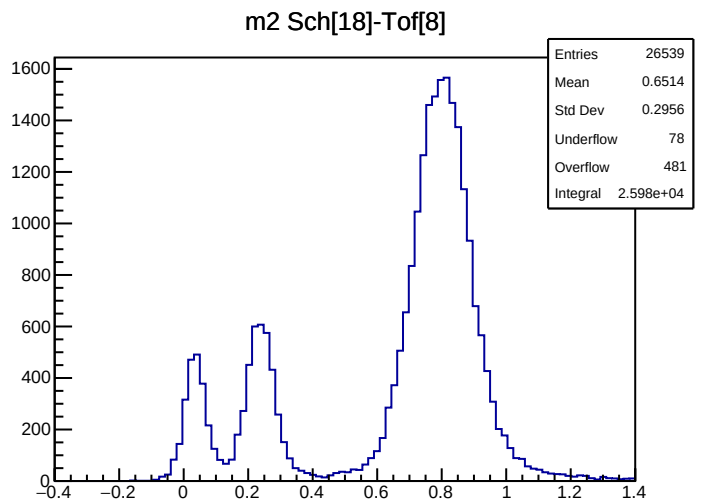

MissMass Sigma Sch[18]-Tof[7]
Entries 428
Mean 1.221
Std Dev 0.05104
Underflow 1
Overflow 0
Integral 427
60
50
40
30
20
10
0
0.8
0.9
1
1.1
1.2
1.3
1.4

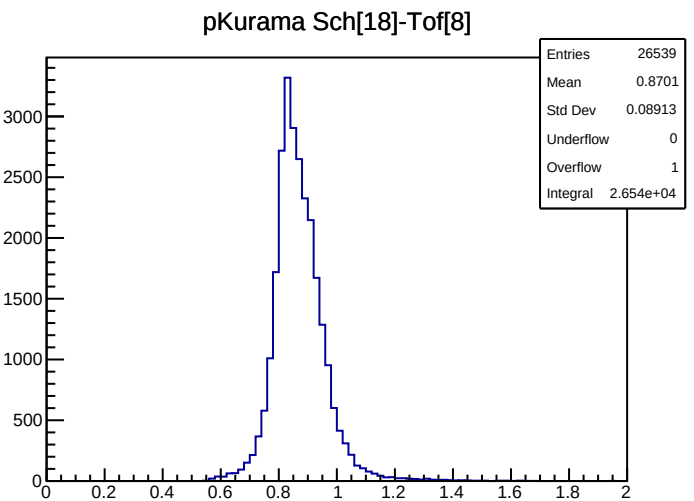

m2 Sch[18]-Tof[7]
Entries 7920
Mean 0.5584
Std Dev 0.3414
Underflow 22
Overflow 118
Integral 7780
450
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

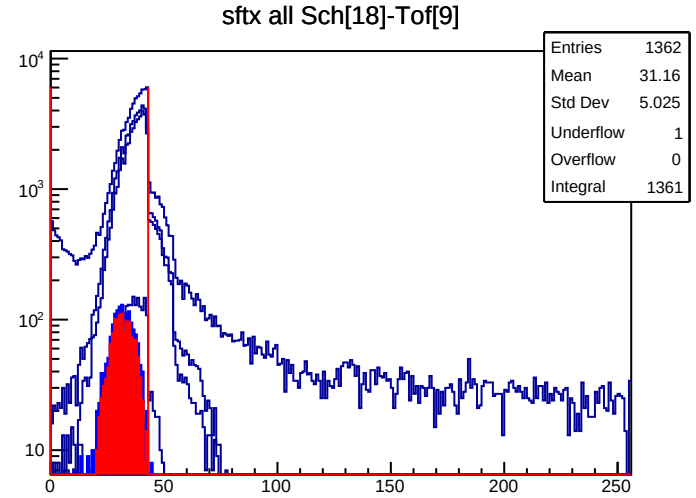

pKurama Sch[18]-Tof[7]
Entries 7920
Mean 0.8272
Std Dev 0.127
Underflow 0
Overflow 1
Integral 7919
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

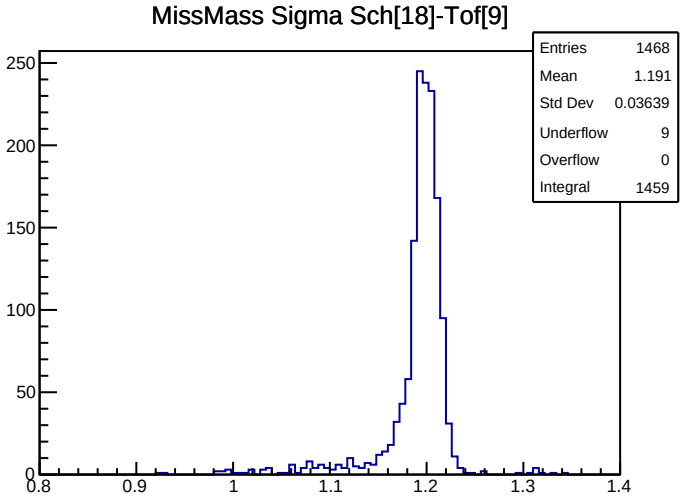

sftx all Sch[18]-Tof[8]
Entries 3035
Mean 38.93
Std Dev 5.638
Underflow 9
Overflow 0
Integral 3026

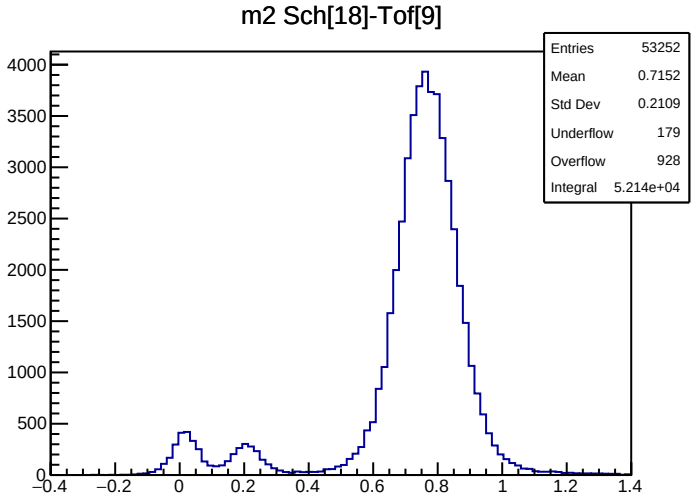

MissMass Sigma Sch[18]-Tof[8]
Entries 3163
Mean 1.201
Std Dev 0.03423
Underflow 13
Overflow 0
Integral 3150

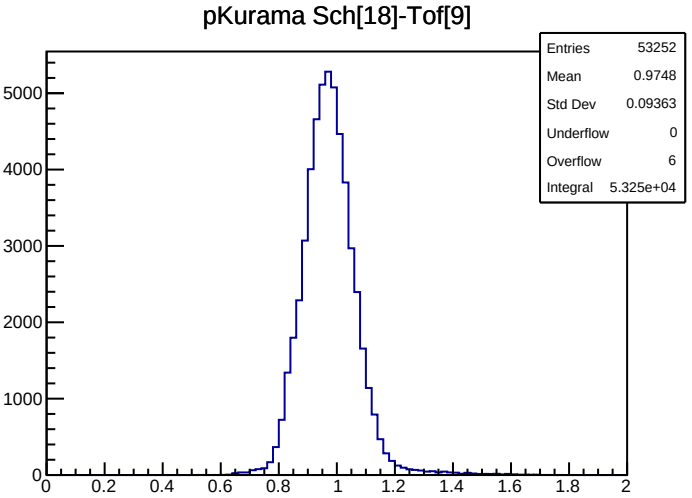

m2 Sch[18]-Tof[8]
Entries 26539
Mean 0.6514
Std Dev 0.2956
Underflow 78
Overflow 481
Integral 2.598e+04

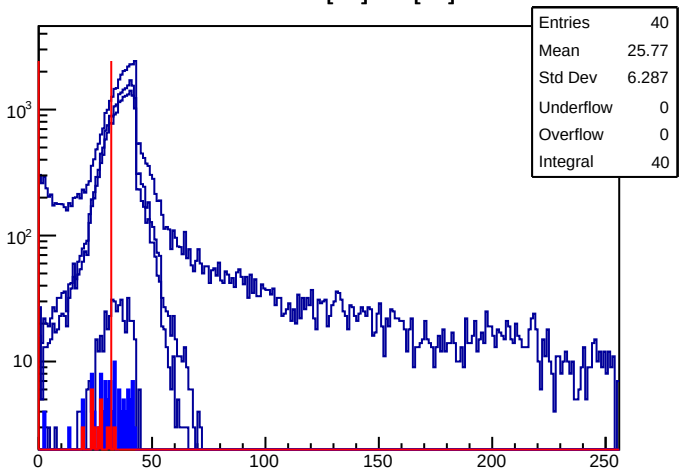

pKurama Sch[18]-Tof[8]
Entries 26539
Mean 0.8701
Std Dev 0.08913
Underflow 0
Overflow 1
Integral 2.654e+04

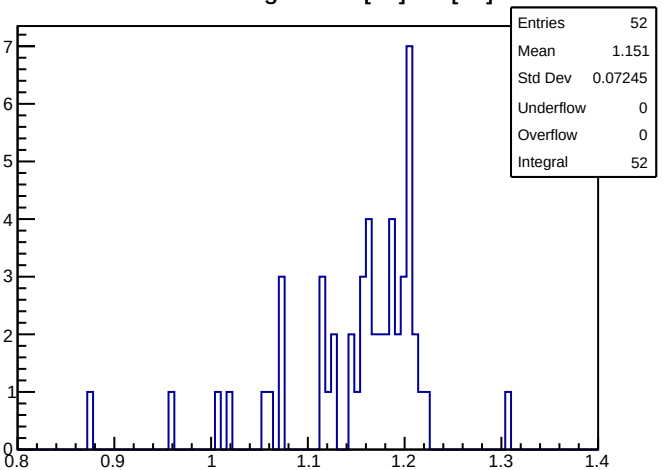

sftx all Sch[18]-Tof[9]
Entries 1362
Mean 31.16
Std Dev 5.025
Underflow 1
Overflow 0
Integral 1361

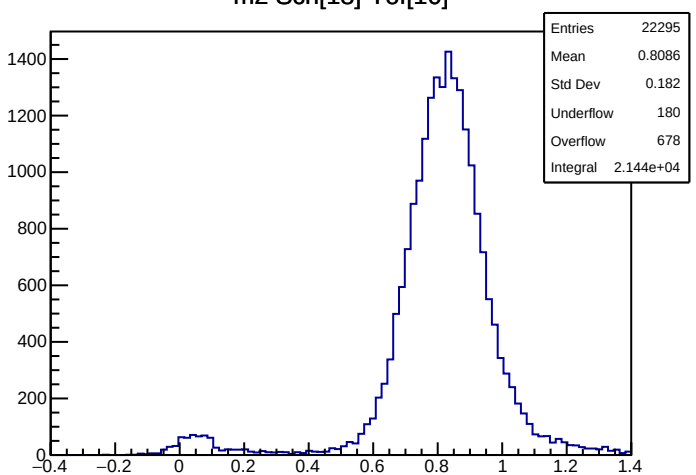

MissMass Sigma Sch[18]-Tof[9]
Entries 1468
Mean 1.191
Std Dev 0.03639
Underflow 9
Overflow 0
Integral 1459

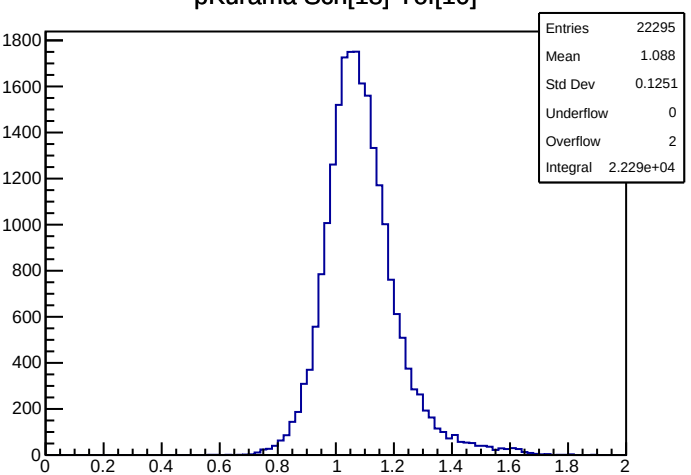

m2 Sch[18]-Tof[9]
Entries 53252
Mean 0.7152
Std Dev 0.2109
Underflow 179
Overflow 928
Integral 5.214e+04

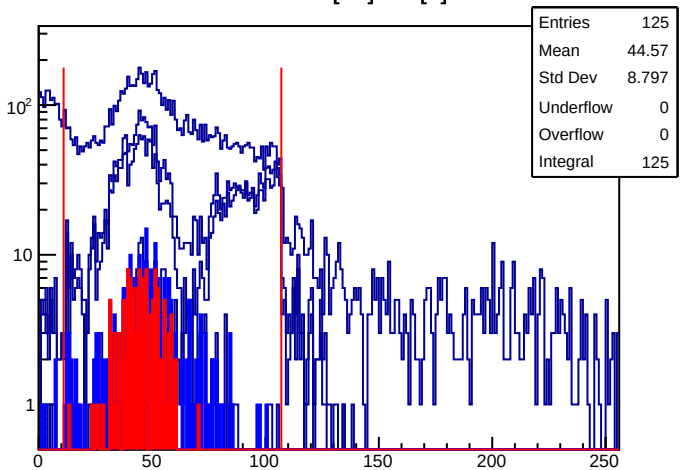

pKurama Sch[18]-Tof[9]
Entries 53252
Mean 0.9748
Std Dev 0.09363
Underflow 0
Overflow 6
Integral 5.325e+04

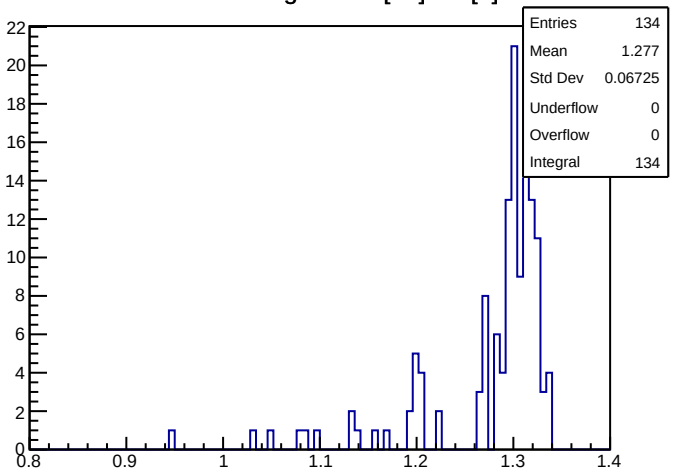

sftx all Sch[18]-Tof[10]
Entries 40
Mean 25.77
Std Dev 6.287
Underflow 0
Overflow 0
Integral 40

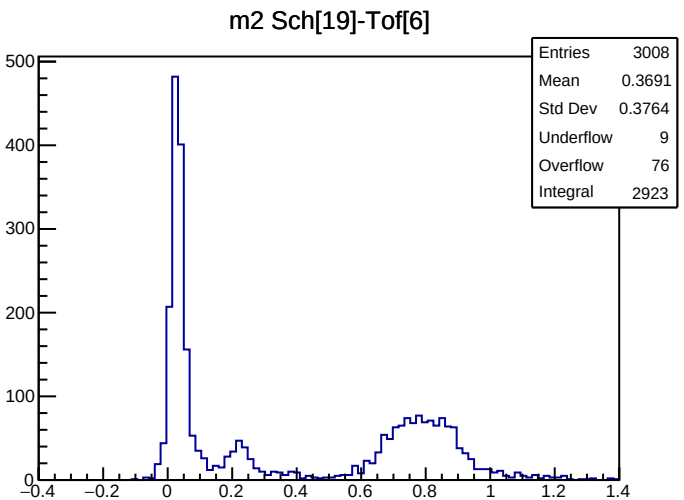

MissMass Sigma Sch[18]-Tof[10]
Entries 52
Mean 1.151
Std Dev 0.07245
Underflow 0
Overflow 0
Integral 52

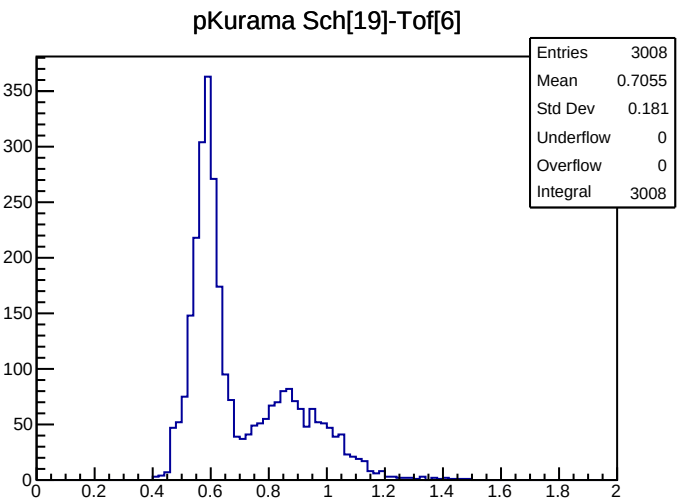

m2 Sch[18]-Tof[10]
Entries 22295
Mean 0.8086
Std Dev 0.182
Underflow 180
Overflow 678
Integral 2.144e+04

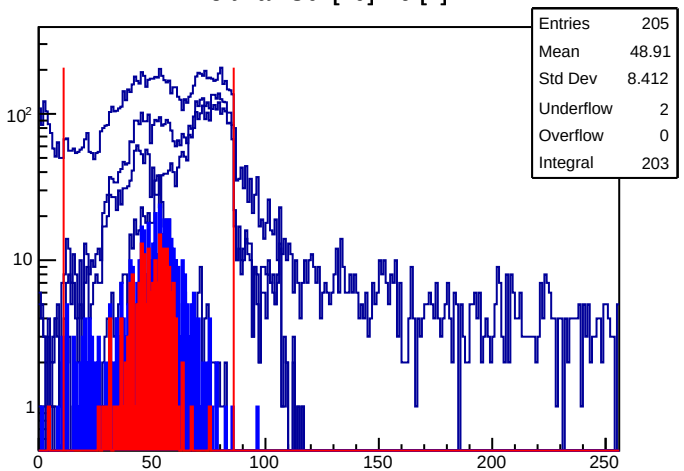

pKurama Sch[18]-Tof[10]
Entries 22295
Mean 1.088
Std Dev 0.1251
Underflow 0
Overflow 2
Integral 2.229e+04

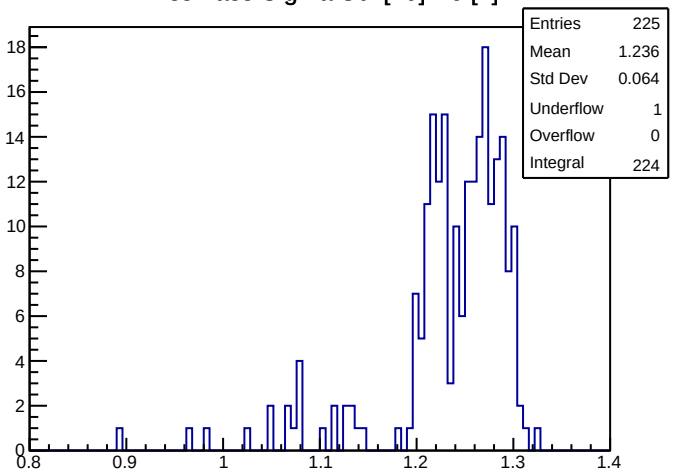

sftx all Sch[19]-Tof[6]
Entries 125
Mean 44.57
Std Dev 8.797
Underflow 0
Overflow 0
Integral 125

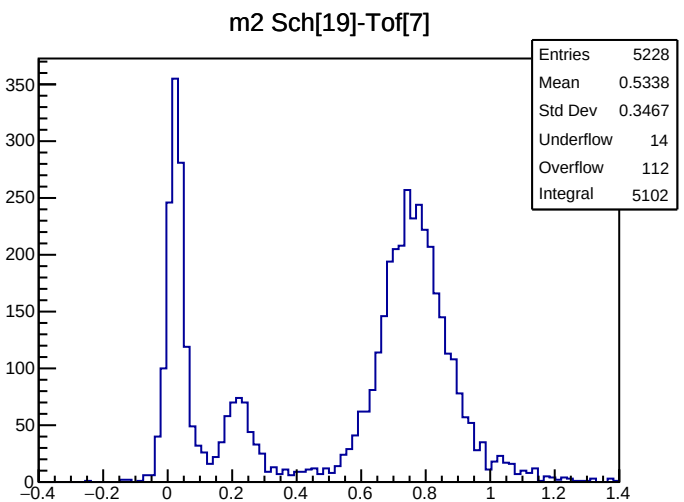

MissMass Sigma Sch[19]-Tof[6]
Entries 134
Mean 1.277
Std Dev 0.06725
Underflow 0
Overflow 0
Integral 134

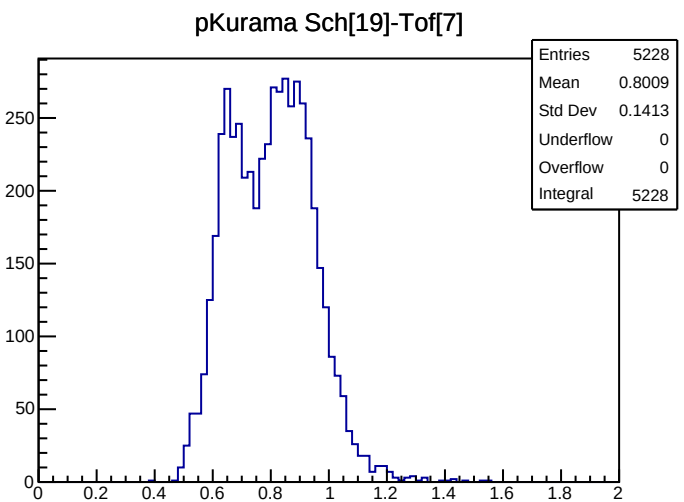

m2 Sch[19]-Tof[6]
Entries 3008
Mean 0.3691
Std Dev 0.3764
Underflow 9
Overflow 76
Integral 2923

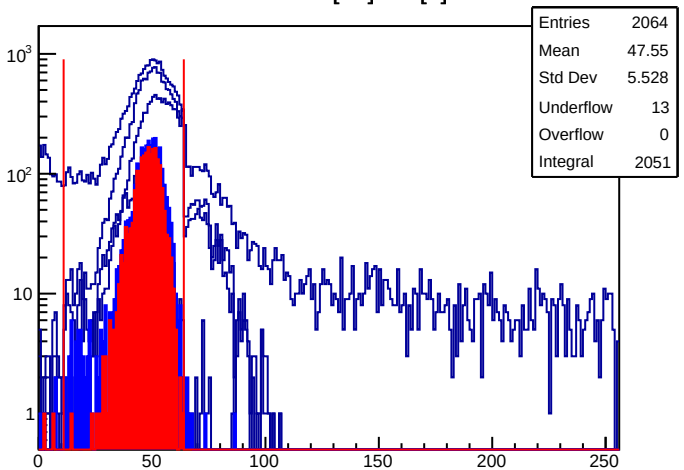

pKurama Sch[19]-Tof[6]
Entries 3008
Mean 0.7055
Std Dev 0.181
Underflow 0
Overflow 0
Integral 3008

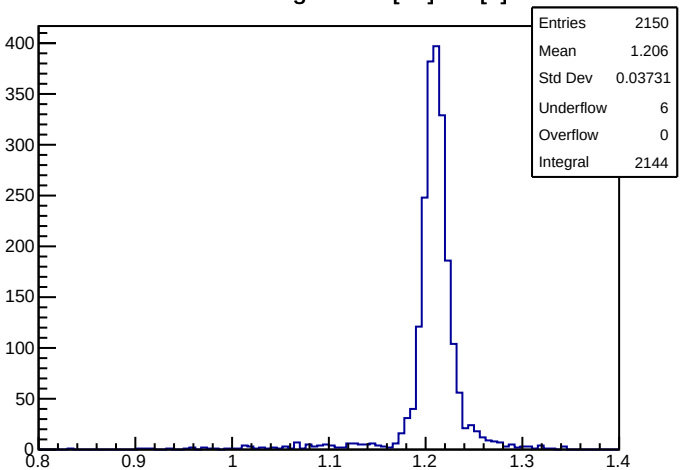

sftx all Sch[19]-Tof[7]
Entries 205
Mean 48.91
Std Dev 8.412
Underflow 2
Overflow 0
Integral 203

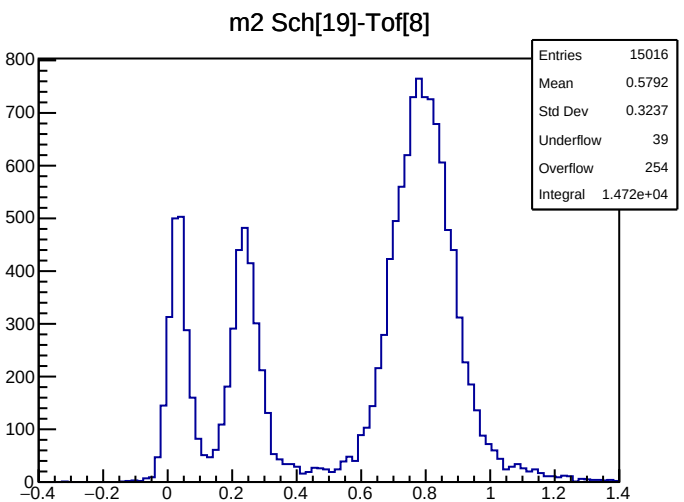

MissMass Sigma Sch[19]-Tof[7]
Entries 225
Mean 1.236
Std Dev 0.064
Underflow 1
Overflow 0
Integral 224

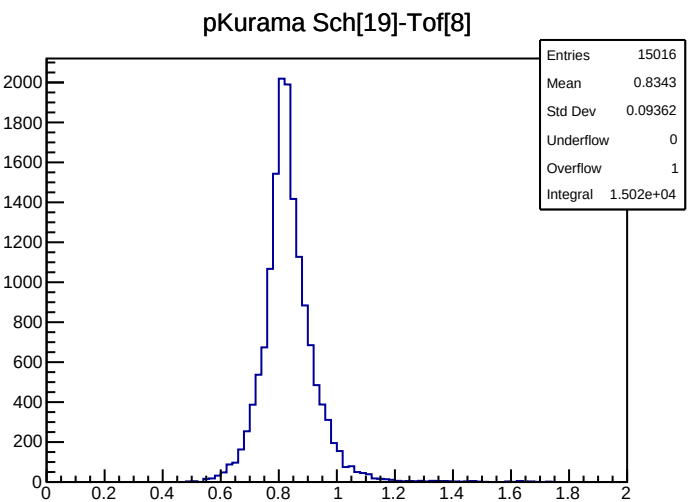

m2 Sch[19]-Tof[7]
Entries 5228
Mean 0.5338
Std Dev 0.3467
Underflow 14
Overflow 112
Integral 5102

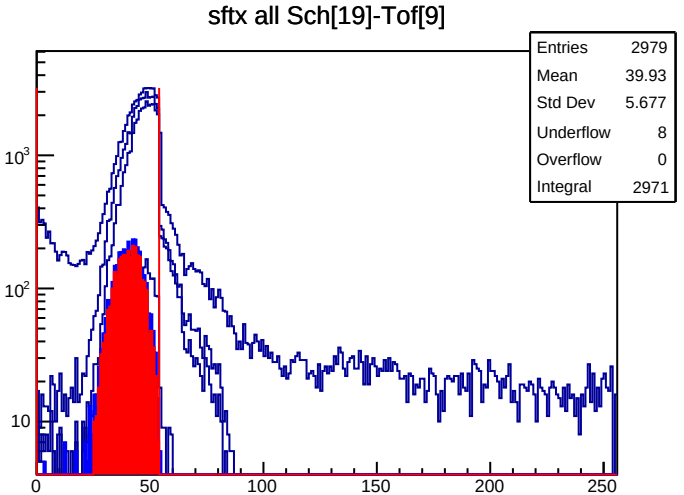

pKurama Sch[19]-Tof[7]
Entries 5228
Mean 0.8009
Std Dev 0.1413
Underflow 0
Overflow 0
Integral 5228

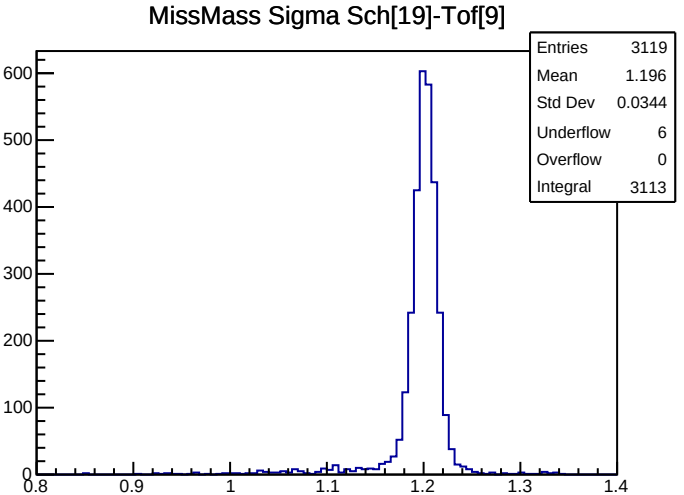

sftx all Sch[19]-Tof[8]
Entries 2064
Mean 47.55
Std Dev 5.528
Underflow 13
Overflow 0
Integral 2051

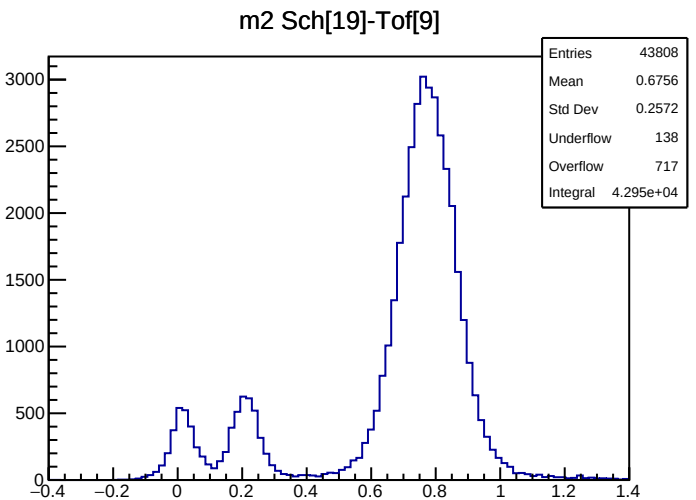

MissMass Sigma Sch[19]-Tof[8]
Entries 2150
Mean 1.206
Std Dev 0.03731
Underflow 6
Overflow 0
Integral 2144

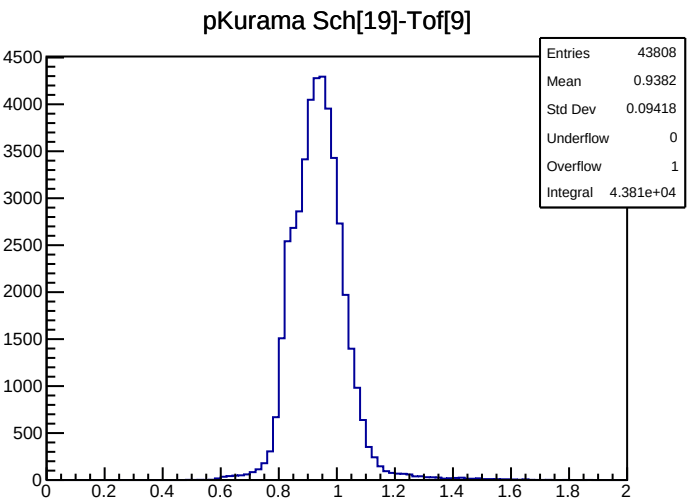

m2 Sch[19]-Tof[8]
Entries 15016
Mean 0.5792
Std Dev 0.3237
Underflow 39
Overflow 254
Integral 1.472e+04

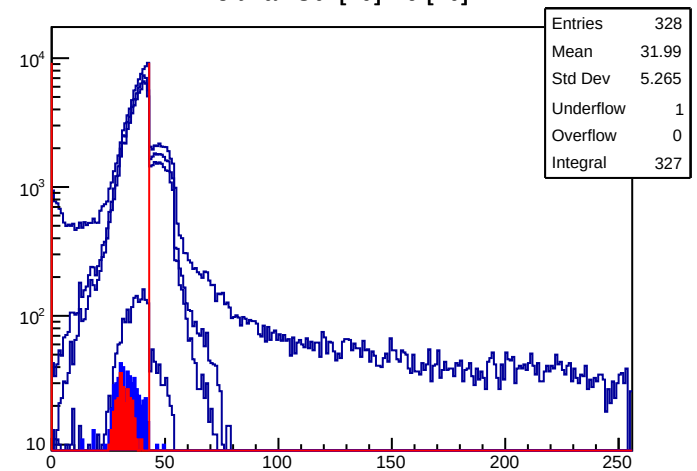

pKurama Sch[19]-Tof[8]
Entries 15016
Mean 0.8343
Std Dev 0.09362
Underflow 0
Overflow 1
Integral 1.502e+04

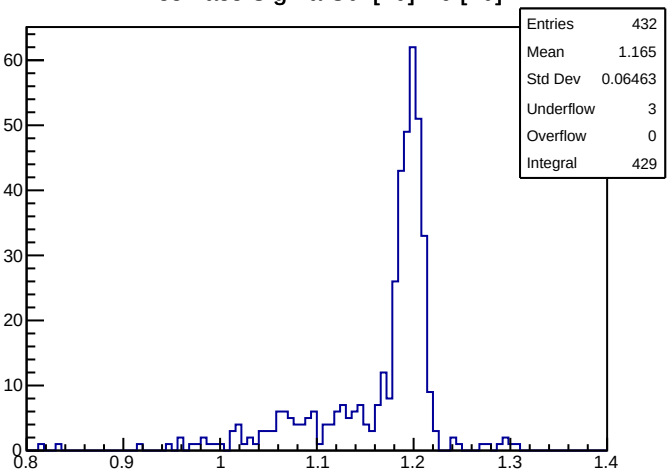

sftx all Sch[19]-Tof[9]
Entries 2979
Mean 39.93
Std Dev 5.677
Underflow 8
Overflow 0
Integral 2971
10^3
10^2
10
0
50
100
150
200
250

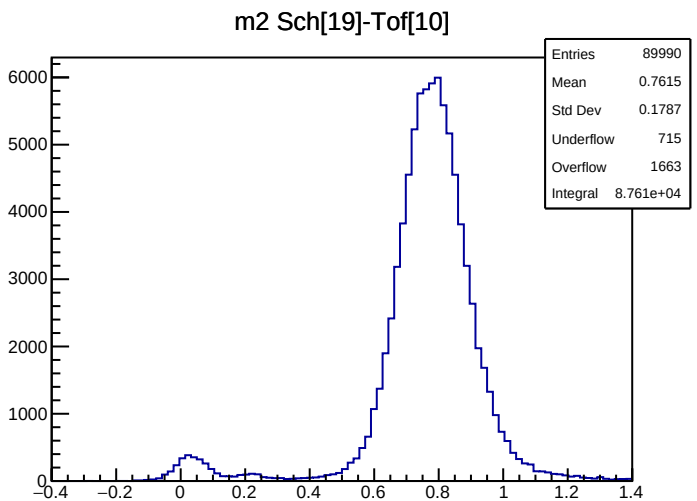

MissMass Sigma Sch[19]-Tof[9]
Entries 3119
Mean 1.196
Std Dev 0.0344
Underflow 6
Overflow 0
Integral 3113
600
500
400
300
200
100
0
0.8
0.9
1
1.1
1.2
1.3
1.4

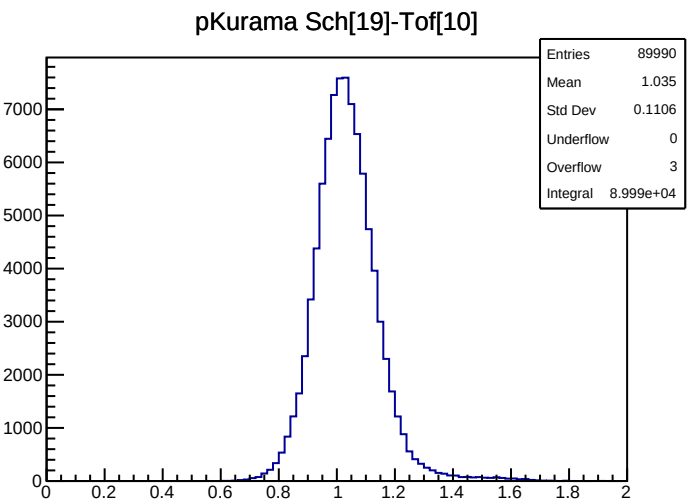

m2 Sch[19]-Tof[9]
Entries 43808
Mean 0.6756
Std Dev 0.2572
Underflow 138
Overflow 717
Integral 4.295e+04
3000
2500
2000
1500
1000
500
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

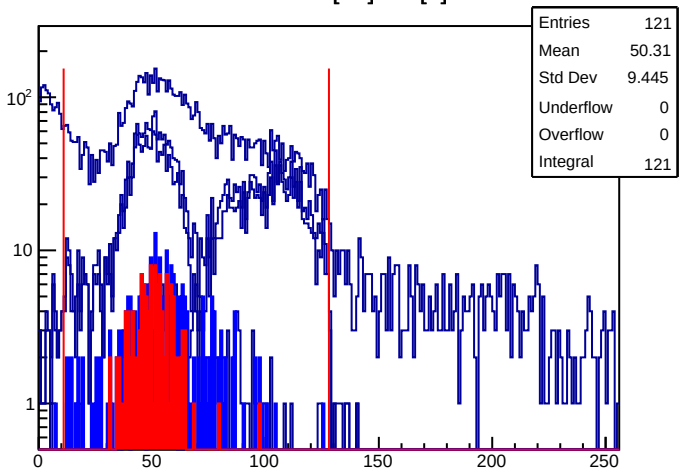

pKurama Sch[19]-Tof[9]
Entries 43808
Mean 0.9382
Std Dev 0.09418
Underflow 0
Overflow 1
Integral 4.381e+04
4500
4000
3500
3000
2500
2000
1500
1000
500
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

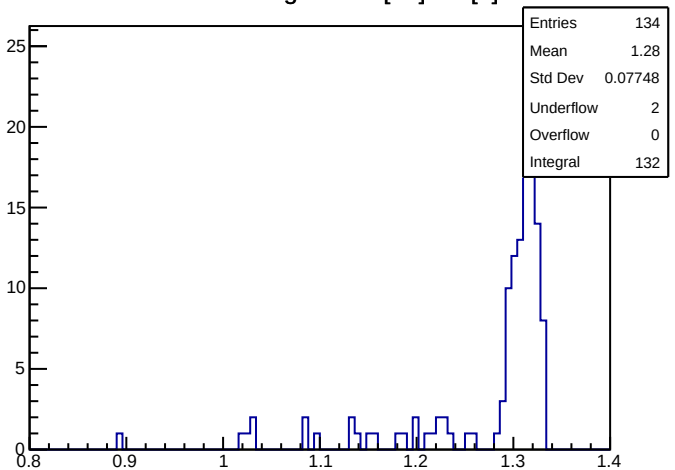

sftx all Sch[19]-Tof[10]
Entries 328
Mean 31.99
Std Dev 5.265
Underflow 1
Overflow 0
Integral 327

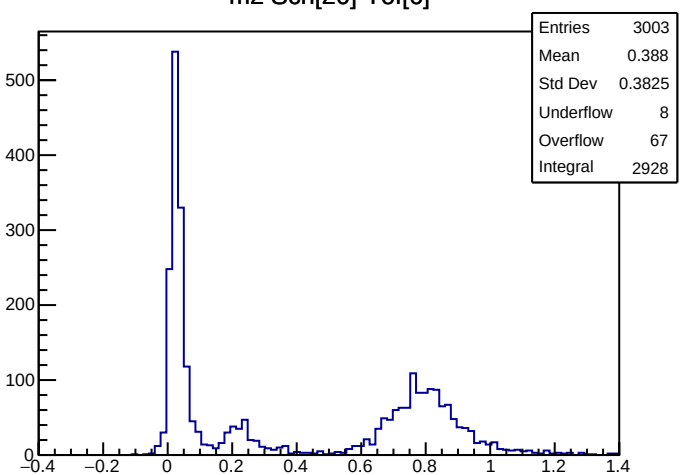

MissMass Sigma Sch[19]-Tof[10]
Entries 432
Mean 1.165
Std Dev 0.06463
Underflow 3
Overflow 0
Integral 429

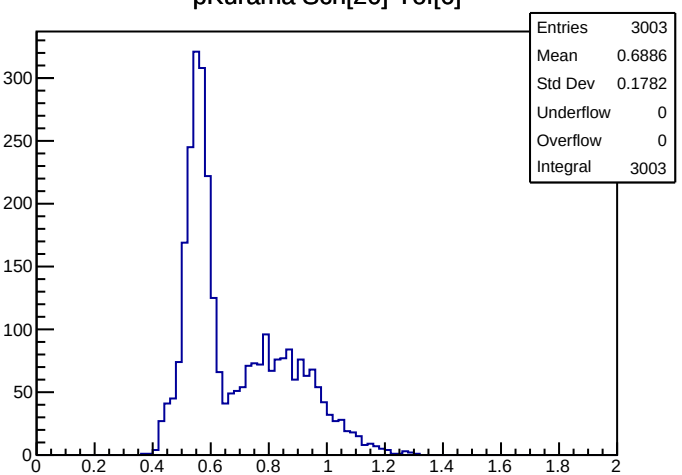

m2 Sch[19]-Tof[10]
Entries 89990
Mean 0.7615
Std Dev 0.1787
Underflow 715
Overflow 1663
Integral 8.761e+04

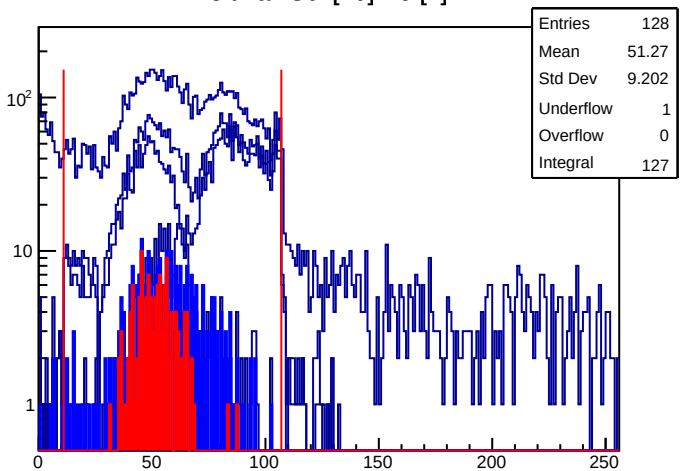

pKurama Sch[19]-Tof[10]
Entries 89990
Mean 1.035
Std Dev 0.1106
Underflow 0
Overflow 3
Integral 8.999e+04

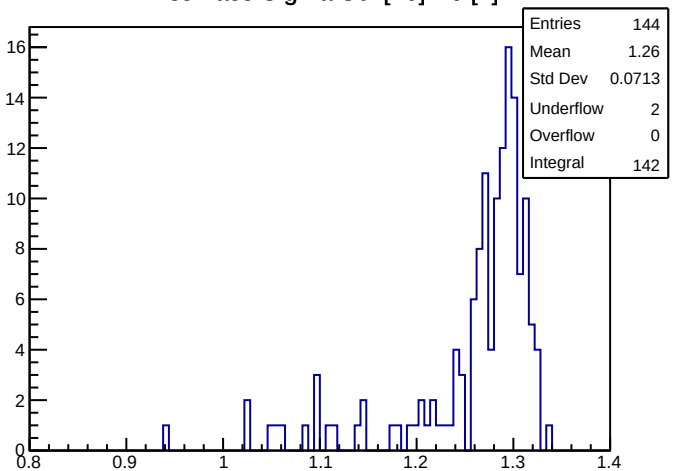

sftx all Sch[20]-Tof[6]
Entries 121
Mean 50.31
Std Dev 9.445
Underflow 0
Overflow 0
Integral 121

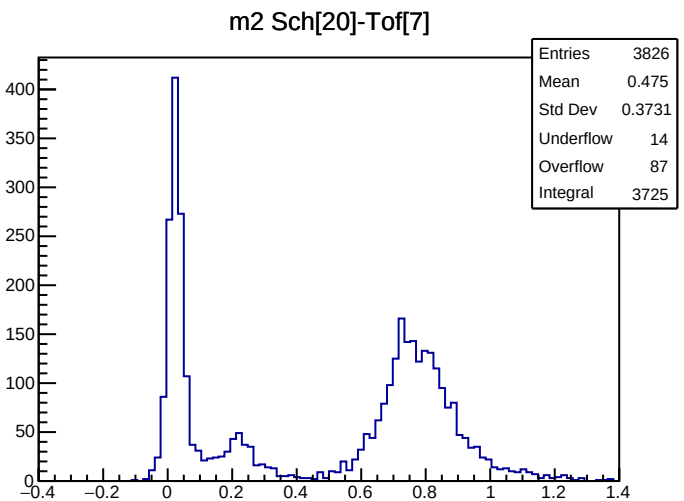

MissMass Sigma Sch[20]-Tof[6]
Entries 134
Mean 1.28
Std Dev 0.07748
Underflow 2
Overflow 0
Integral 132

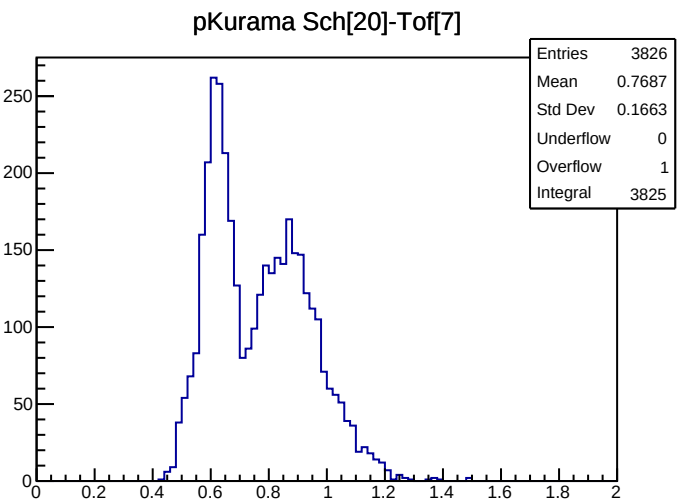

m2 Sch[20]-Tof[6]
Entries 3003
Mean 0.388
Std Dev 0.3825
Underflow 8
Overflow 67
Integral 2928

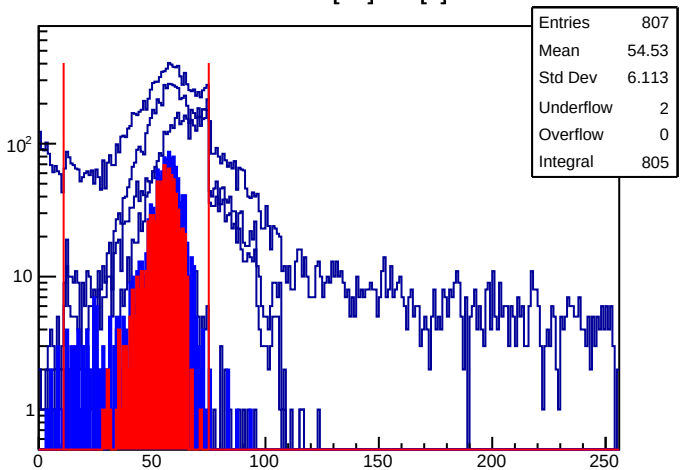

pKurama Sch[20]-Tof[6]
Entries 3003
Mean 0.6886
Std Dev 0.1782
Underflow 0
Overflow 0
Integral 3003

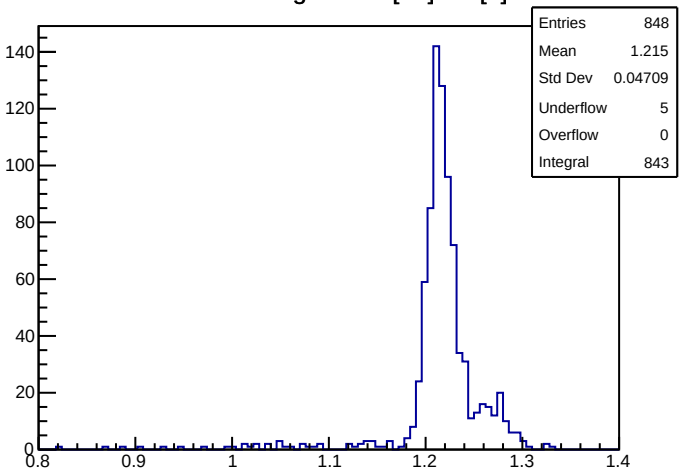

sftx all Sch[20]-Tof[7]
Entries 128
Mean 51.27
Std Dev 9.202
Underflow 1
Overflow 0
Integral 127

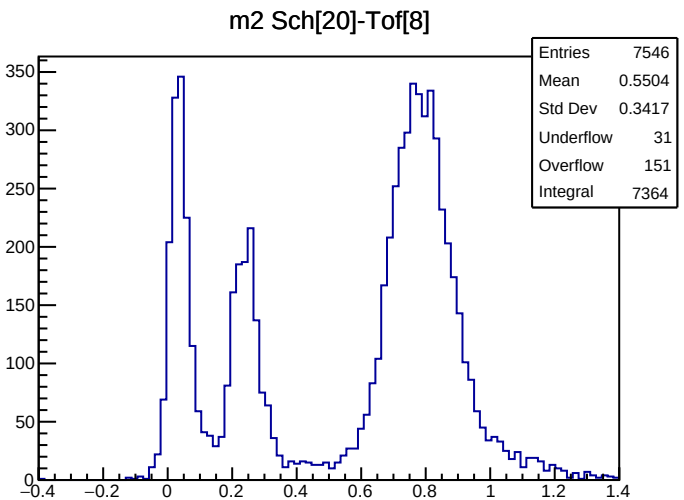

MissMass Sigma Sch[20]-Tof[7]
Entries 144
Mean 1.26
Std Dev 0.0713
Underflow 2
Overflow 0
Integral 142

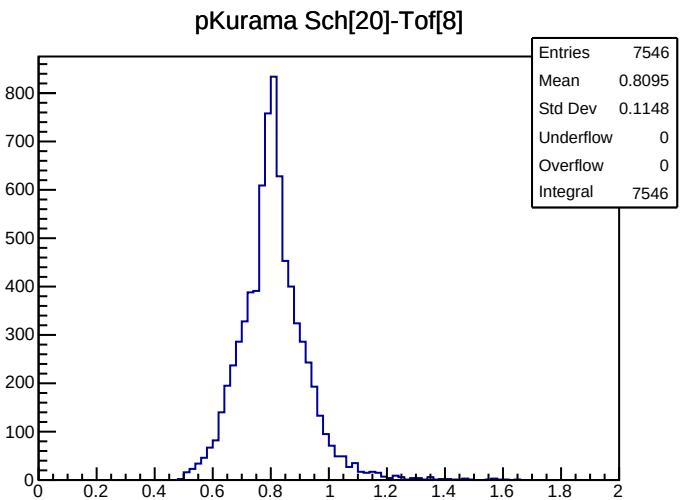

m2 Sch[20]-Tof[7]
Entries 3826
Mean 0.475
Std Dev 0.3731
Underflow 14
Overflow 87
Integral 3725

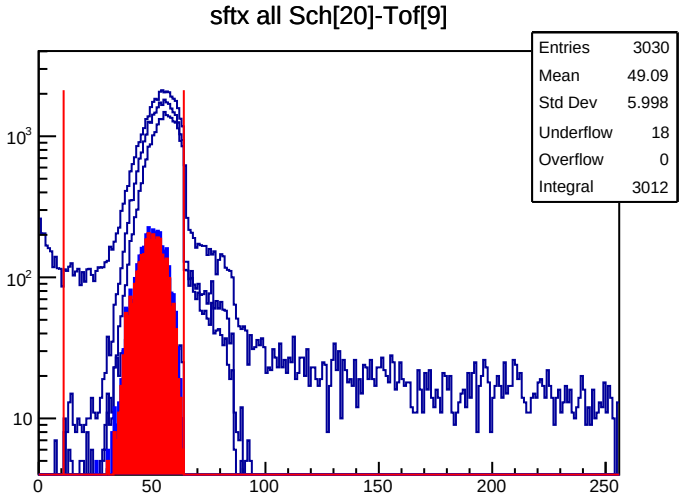

pKurama Sch[20]-Tof[7]
Entries 3826
Mean 0.7687
Std Dev 0.1663
Underflow 0
Overflow 1
Integral 3825

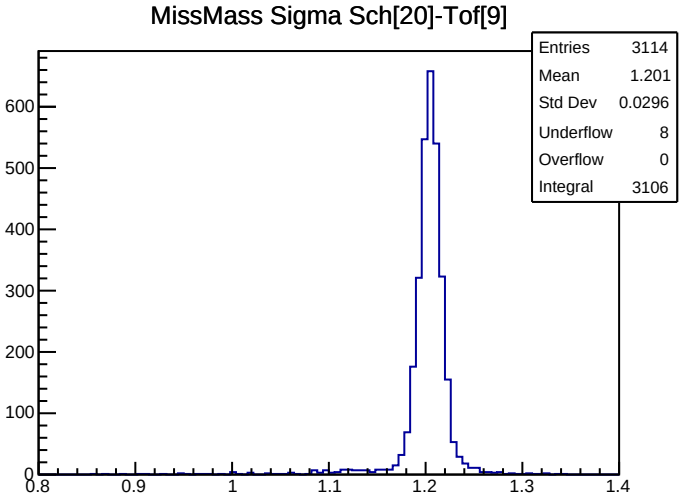

sftx all Sch[20]-Tof[8]
Entries 807
Mean 54.53
Std Dev 6.113
Underflow 2
Overflow 0
Integral 805

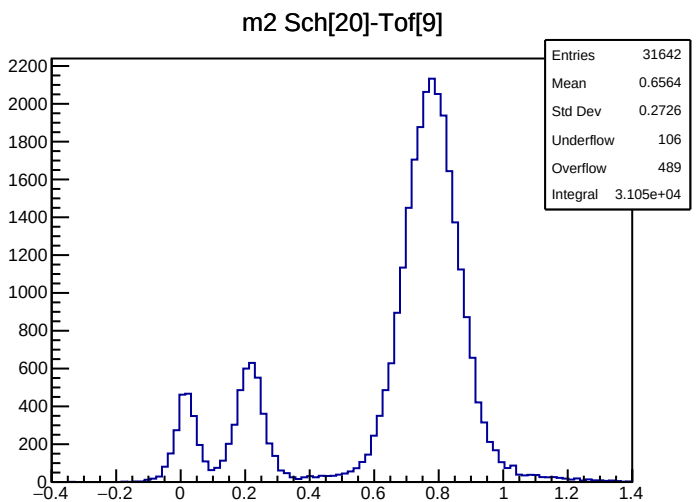

MissMass Sigma Sch[20]-Tof[8]
Entries 848
Mean 1.215
Std Dev 0.04709
Underflow 5
Overflow 0
Integral 843

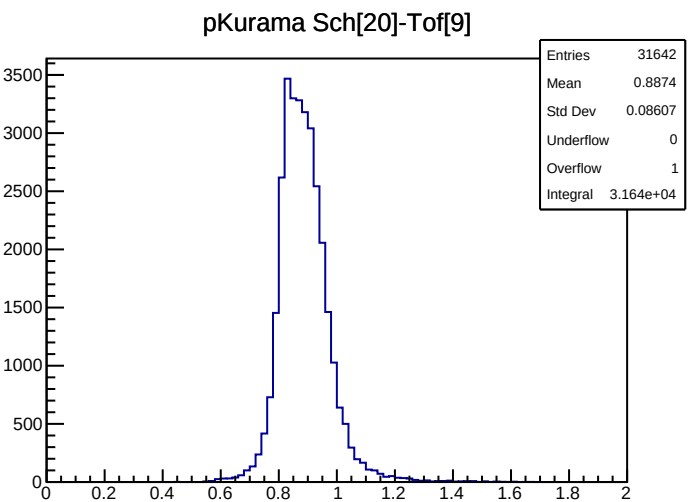

m2 Sch[20]-Tof[8]
Entries 7546
Mean 0.5504
Std Dev 0.3417
Underflow 31
Overflow 151
Integral 7364

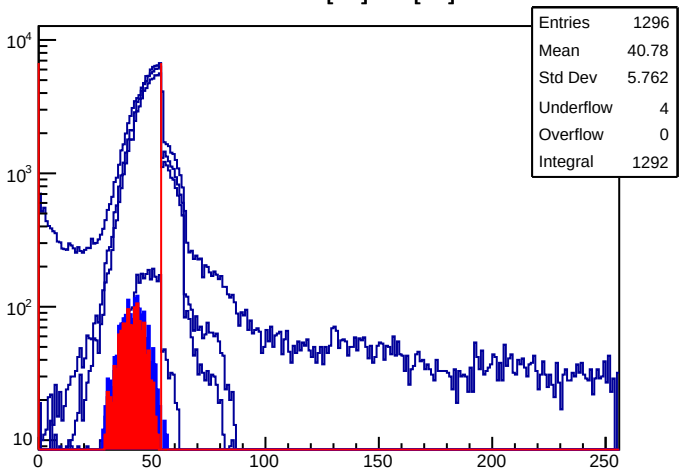

pKurama Sch[20]-Tof[8]
Entries 7546
Mean 0.8095
Std Dev 0.1148
Underflow 0
Overflow 0
Integral 7546

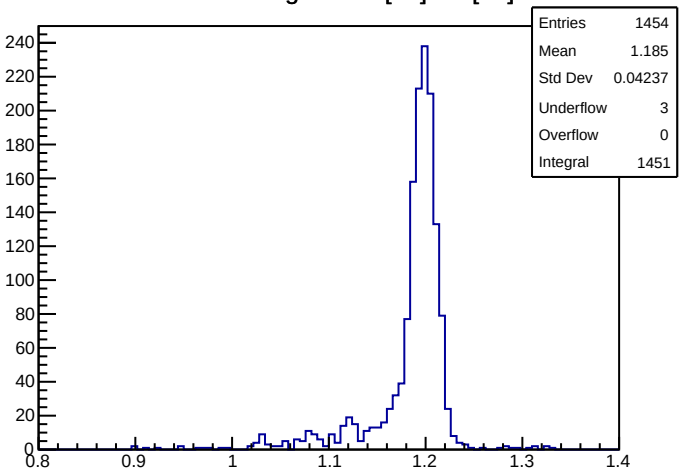

sftx all Sch[20]-Tof[9]
Entries 3030
Mean 49.09
Std Dev 5.998
Underflow 18
Overflow 0
Integral 3012

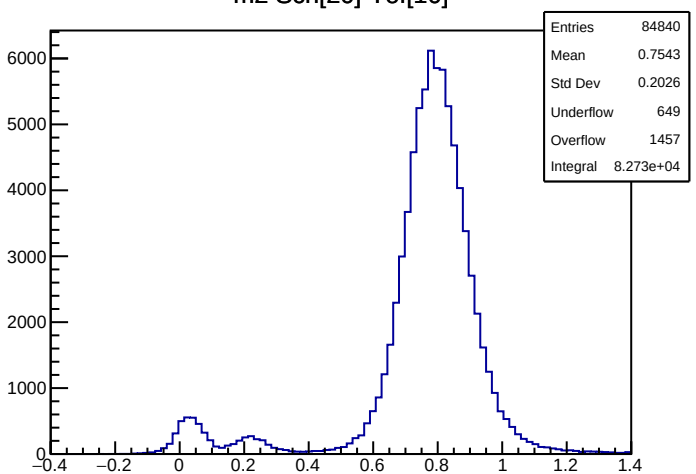

MissMass Sigma Sch[20]-Tof[9]
Entries 3114
Mean 1.201
Std Dev 0.0296
Underflow 8
Overflow 0
Integral 3106

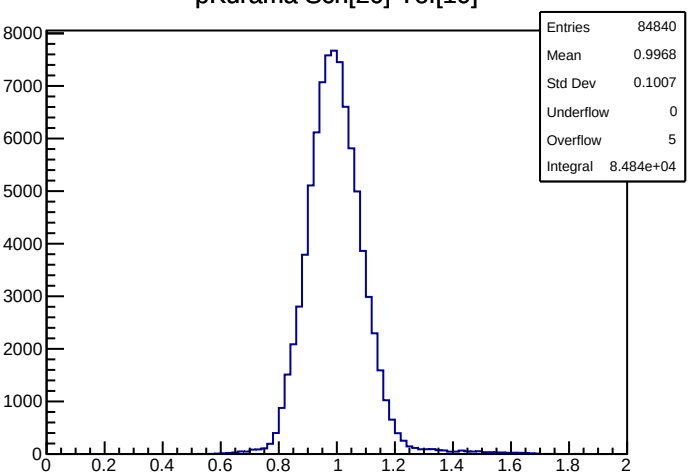

m2 Sch[20]-Tof[9]
Entries 31642
Mean 0.6564
Std Dev 0.2726
Underflow 106
Overflow 489
Integral 3.105e+04

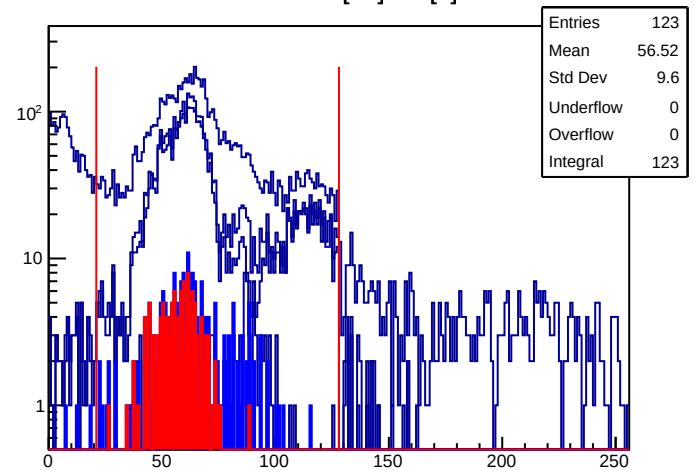

pKurama Sch[20]-Tof[9]
Entries 31642
Mean 0.8874
Std Dev 0.08607
Underflow 0
Overflow 1
Integral 3.164e+04

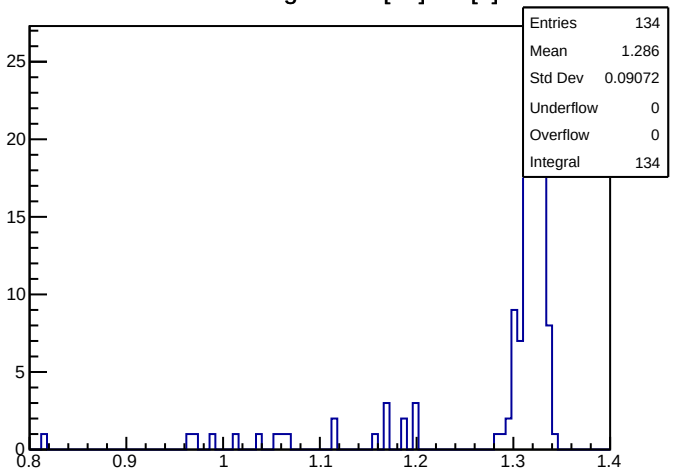

sftx all Sch[20]-Tof[10]
Entries 1296
Mean 40.78
Std Dev 5.762
Underflow 4
Overflow 0
Integral 1292

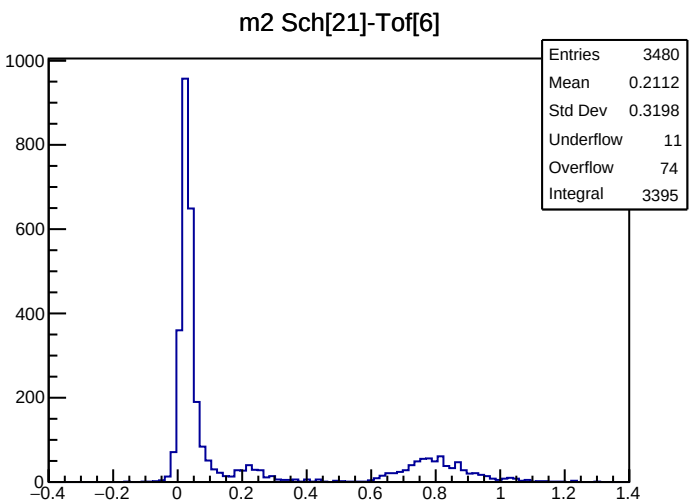

MissMass Sigma Sch[20]-Tof[10]
Entries 1454
Mean 1.185
Std Dev 0.04237
Underflow 3
Overflow 0
Integral 1451

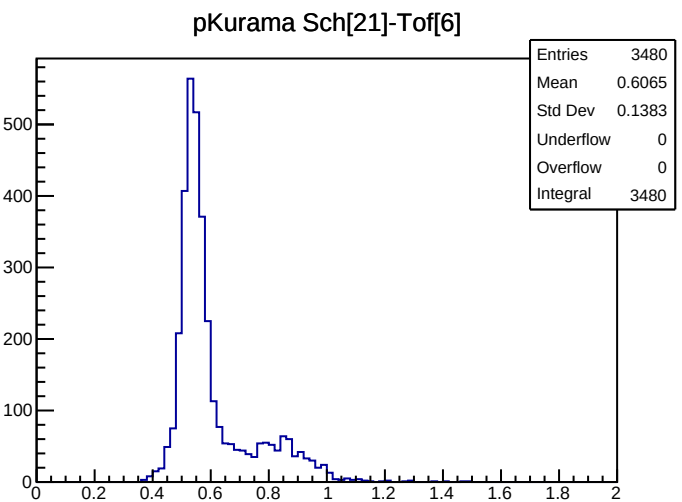

m2 Sch[20]-Tof[10]
Entries 84840
Mean 0.7543
Std Dev 0.2026
Underflow 649
Overflow 1457
Integral 8.273e+04

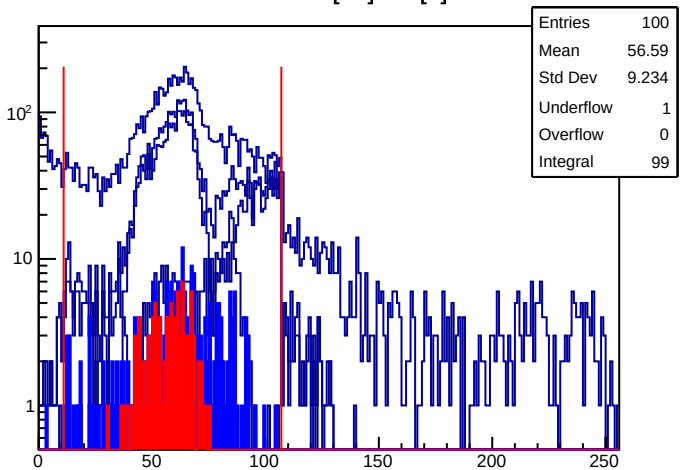

pKurama Sch[20]-Tof[10]
Entries 84840
Mean 0.9968
Std Dev 0.1007
Underflow 0
Overflow 5
Integral 8.484e+04

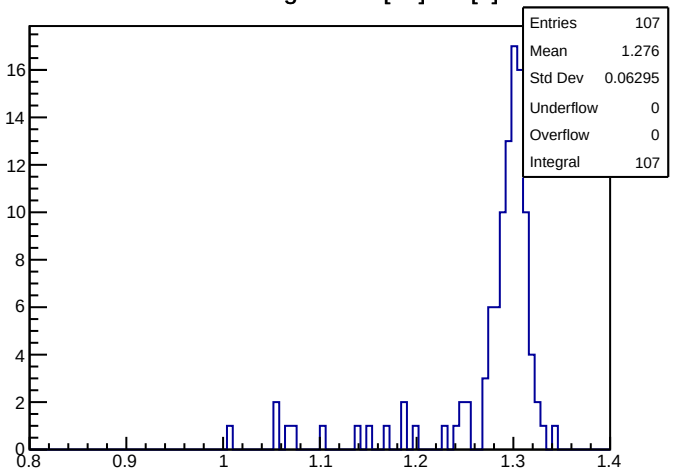

sftx all Sch[21]-Tof[6]
Entries 123
Mean 56.52
Std Dev 9.6
Underflow 0
Overflow 0
Integral 123

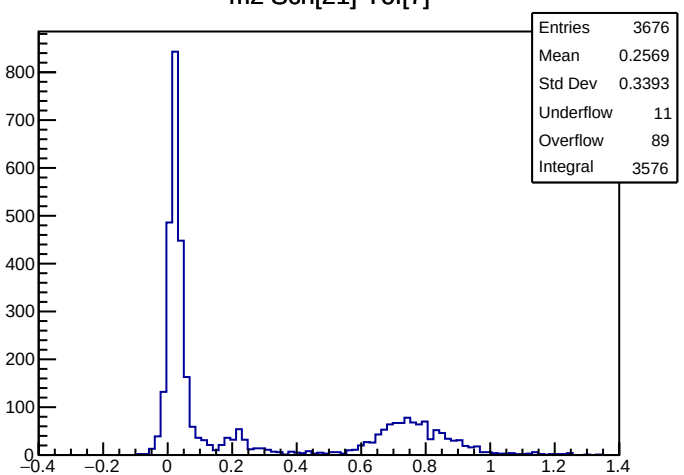

MissMass Sigma Sch[21]-Tof[6]
Entries 134
Mean 1.286
Std Dev 0.09072
Underflow 0
Overflow 0
Integral 134

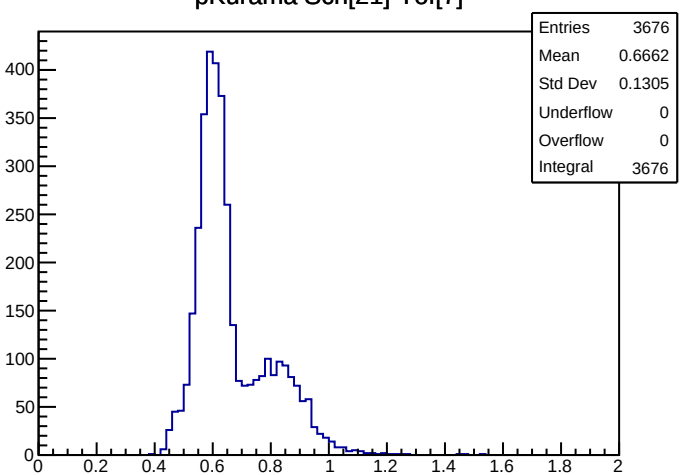

m2 Sch[21]-Tof[6]
Entries 3480
Mean 0.2112
Std Dev 0.3198
Underflow 11
Overflow 74
Integral 3395

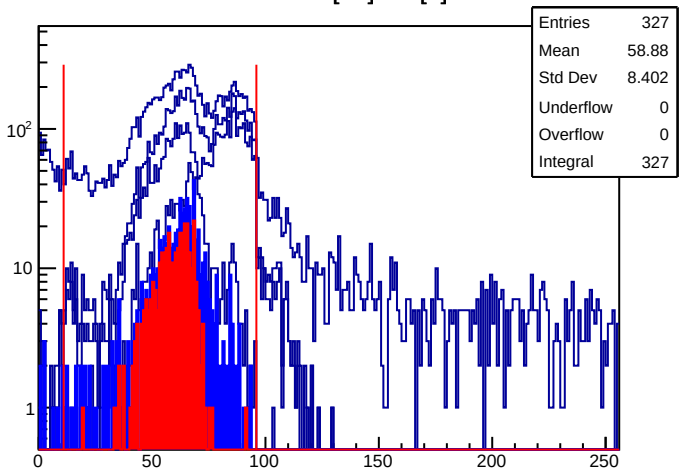

pKurama Sch[21]-Tof[6]
Entries 3480
Mean 0.6065
Std Dev 0.1383
Underflow 0
Overflow 0
Integral 3480

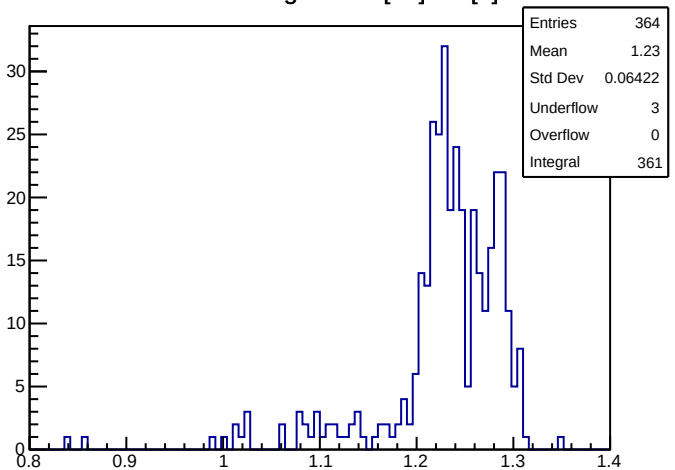

sftx all Sch[21]-Tof[7]
Entries 100
Mean 56.59
Std Dev 9.234
Underflow 1
Overflow 0
Integral 99

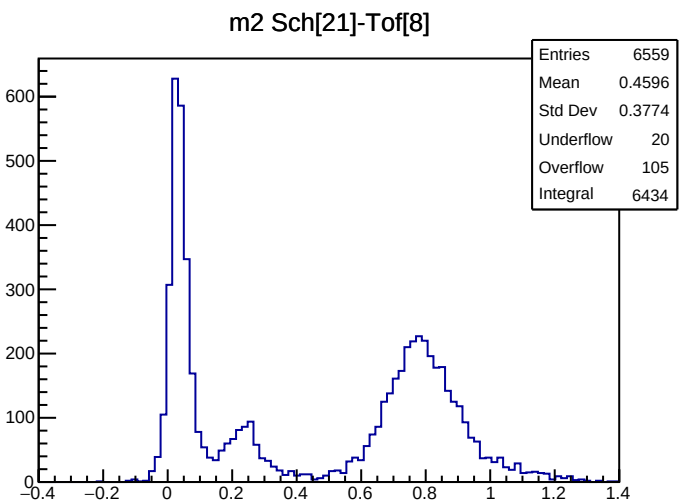

MissMass Sigma Sch[21]-Tof[7]
Entries 107
Mean 1.276
Std Dev 0.06295
Underflow 0
Overflow 0
Integral 107

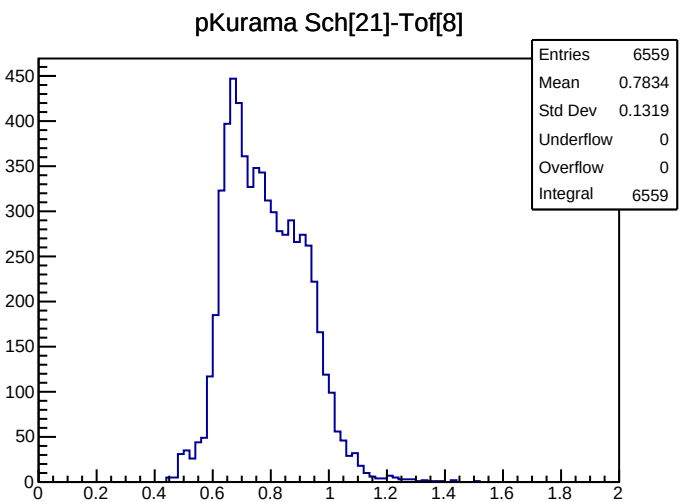

m2 Sch[21]-Tof[7]
Entries 3676
Mean 0.2569
Std Dev 0.3393
Underflow 11
Overflow 89
Integral 3576

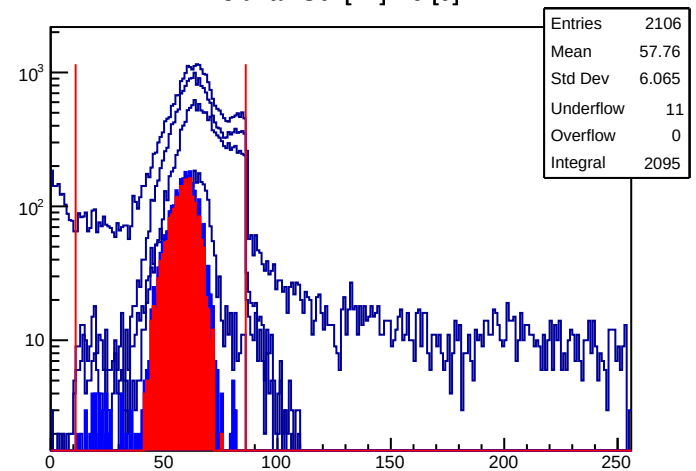

pKurama Sch[21]-Tof[7]
Entries 3676
Mean 0.6662
Std Dev 0.1305
Underflow 0
Overflow 0
Integral 3676

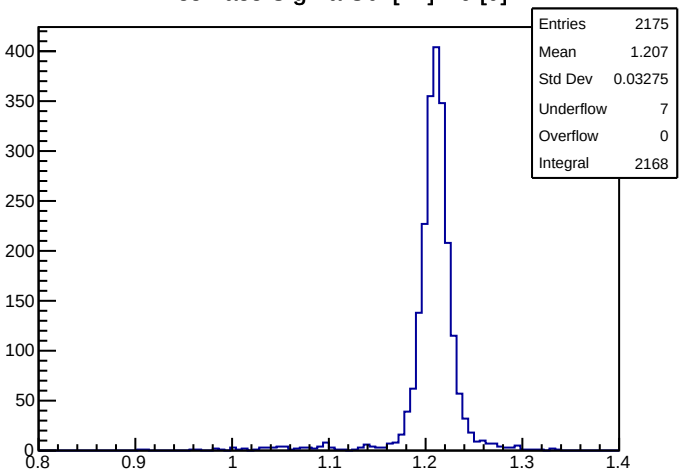

sftx all Sch[21]-Tof[8]
Entries 327
Mean 58.88
Std Dev 8.402
Underflow 0
Overflow 0
Integral 327

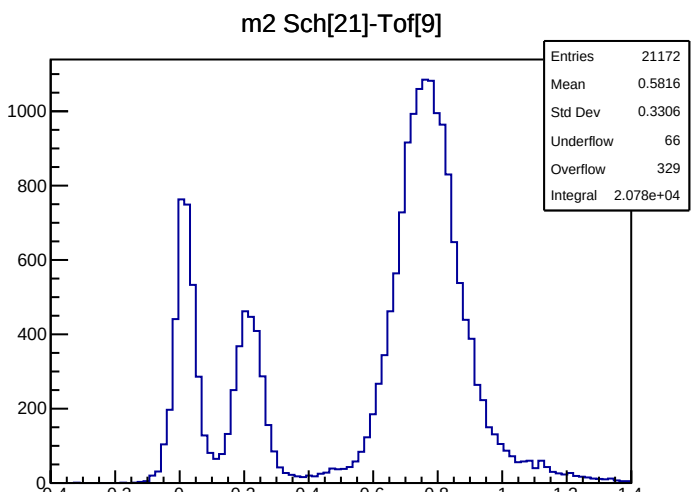

MissMass Sigma Sch[21]-Tof[8]
Entries 364
Mean 1.23
Std Dev 0.06422
Underflow 3
Overflow 0
Integral 361

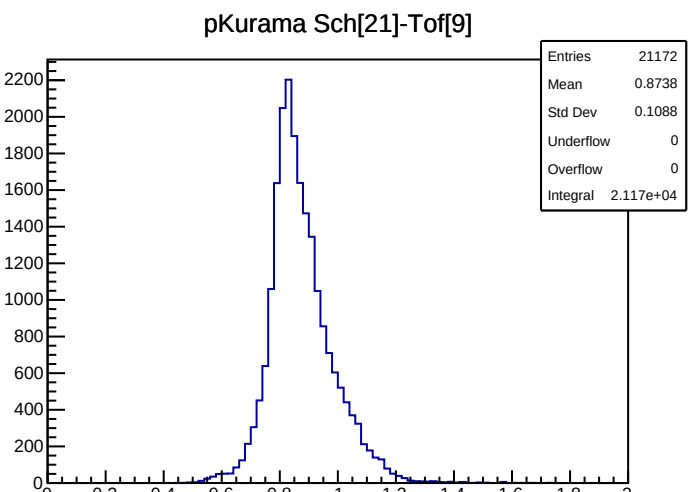

m2 Sch[21]-Tof[8]
Entries 6559
Mean 0.4596
Std Dev 0.3774
Underflow 20
Overflow 105
Integral 6434

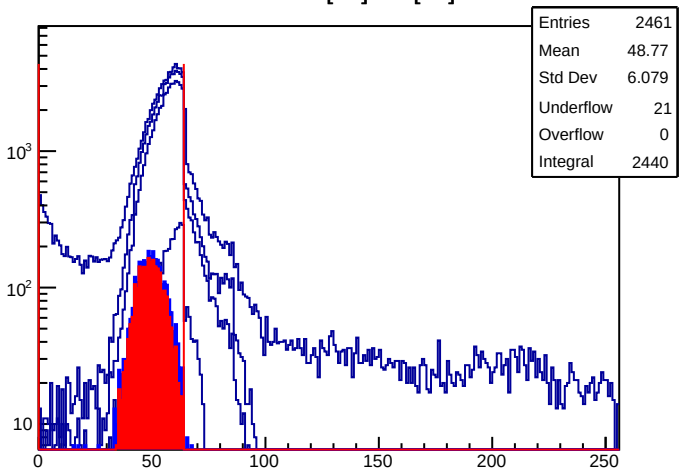

pKurama Sch[21]-Tof[8]
Entries 6559
Mean 0.7834
Std Dev 0.1319
Underflow 0
Overflow 0
Integral 6559

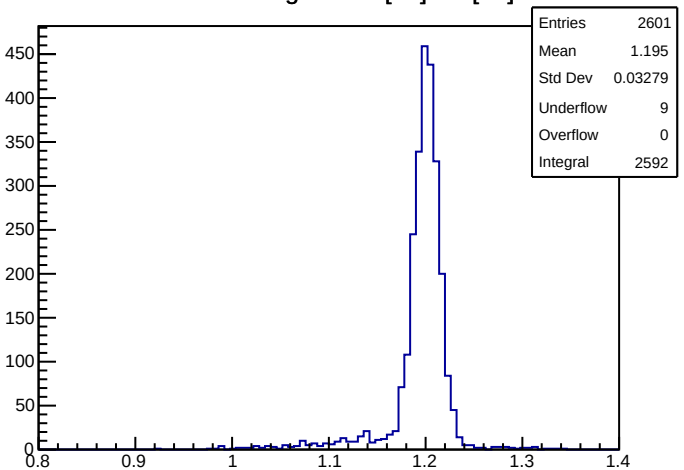

sftx all Sch[21]-Tof[9]
Entries 2106
Mean 57.76
Std Dev 6.065
Underflow 11
Overflow 0
Integral 2095

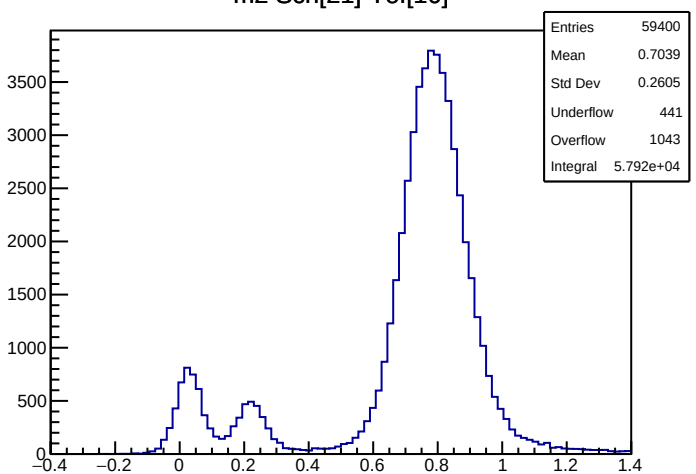

MissMass Sigma Sch[21]-Tof[9]
Entries 2175
Mean 1.207
Std Dev 0.03275
Underflow 7
Overflow 0
Integral 2168

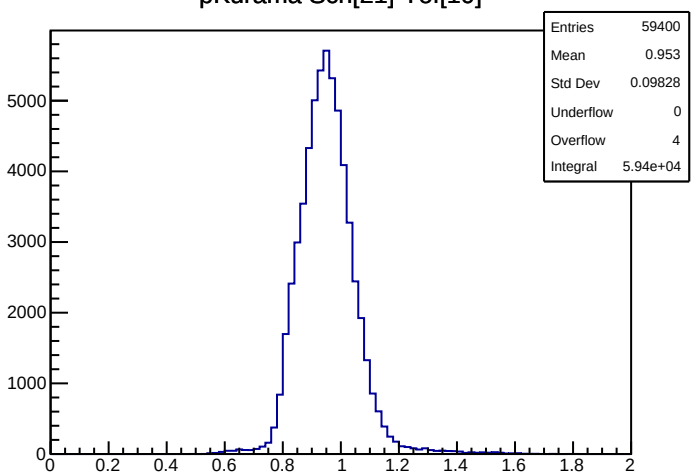

m2 Sch[21]-Tof[9]
Entries 21172
Mean 0.5816
Std Dev 0.3306
Underflow 66
Overflow 329
Integral 2.078e+04

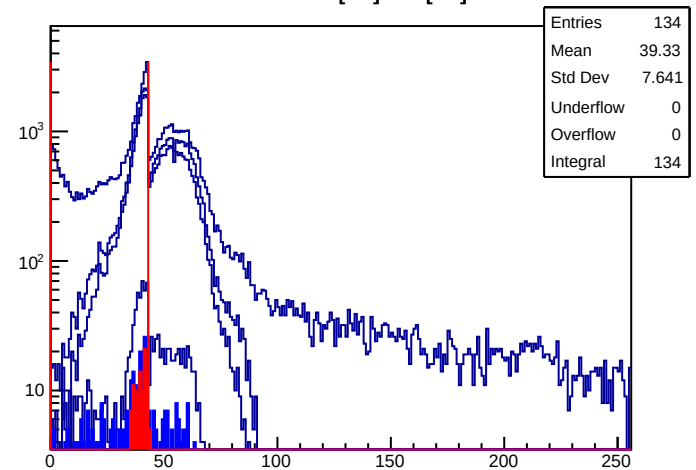

pKurama Sch[21]-Tof[9]
Entries 21172
Mean 0.8738
Std Dev 0.1088
Underflow 0
Overflow 0
Integral 2.117e+04

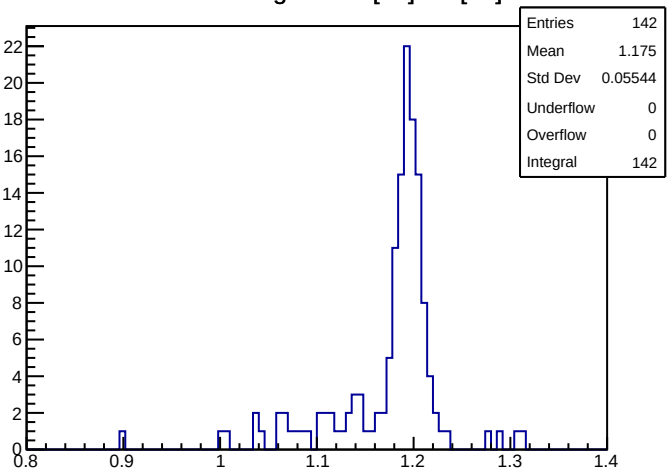

sftx all Sch[21]-Tof[10]
Entries 2461
Mean 48.77
Std Dev 6.079
Underflow 21
Overflow 0
Integral 2440

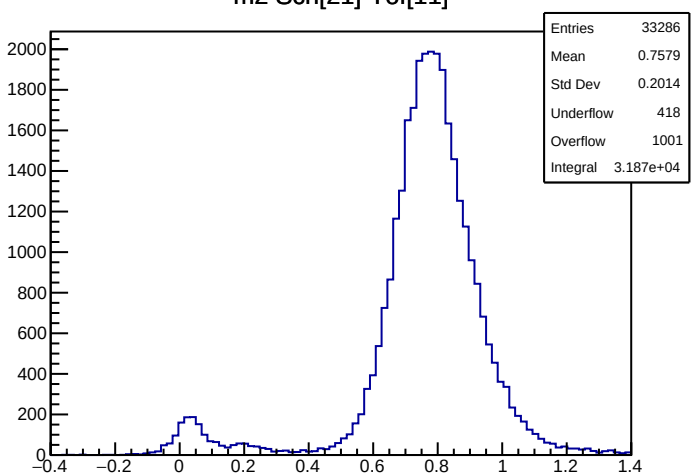

MissMass Sigma Sch[21]-Tof[10]
Entries 2601
Mean 1.195
Std Dev 0.03279
Underflow 9
Overflow 0
Integral 2592

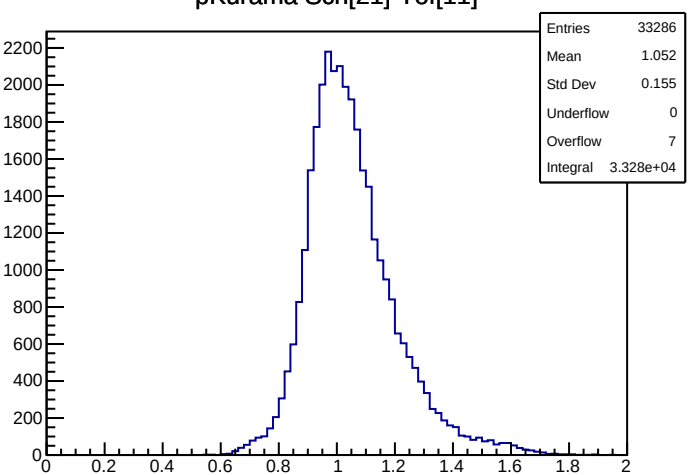

m2 Sch[21]-Tof[10]
Entries 59400
Mean 0.7039
Std Dev 0.2605
Underflow 441
Overflow 1043
Integral 5.792e+04

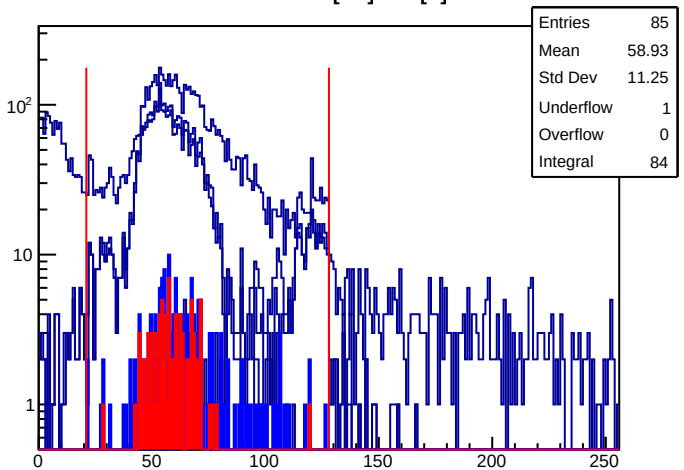

pKurama Sch[21]-Tof[10]
Entries 59400
Mean 0.953
Std Dev 0.09828
Underflow 0
Overflow 4
Integral 5.94e+04

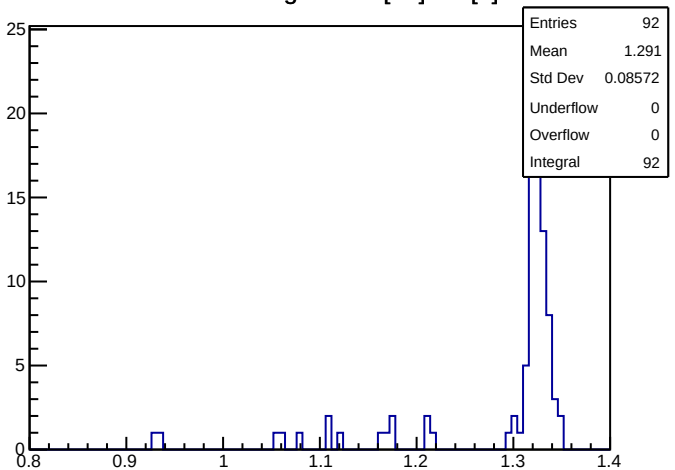

sftx all Sch[21]-Tof[11]
Entries 134
Mean 39.33
Std Dev 7.641
Underflow 0
Overflow 0
Integral 134

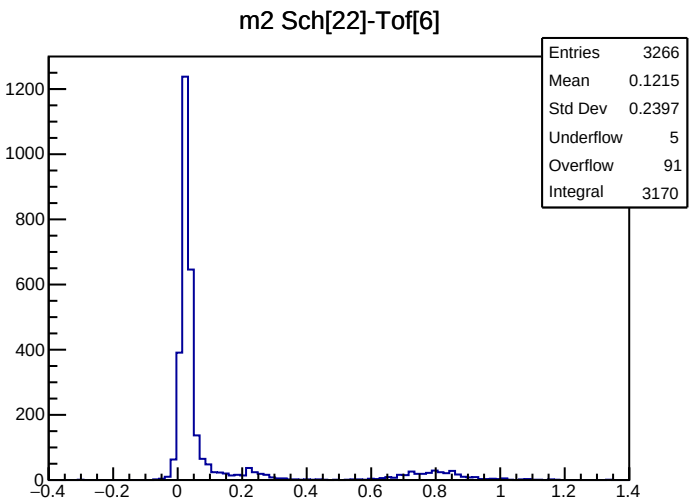

MissMass Sigma Sch[21]-Tof[11]
Entries 142
Mean 1.175
Std Dev 0.05544
Underflow 0
Overflow 0
Integral 142

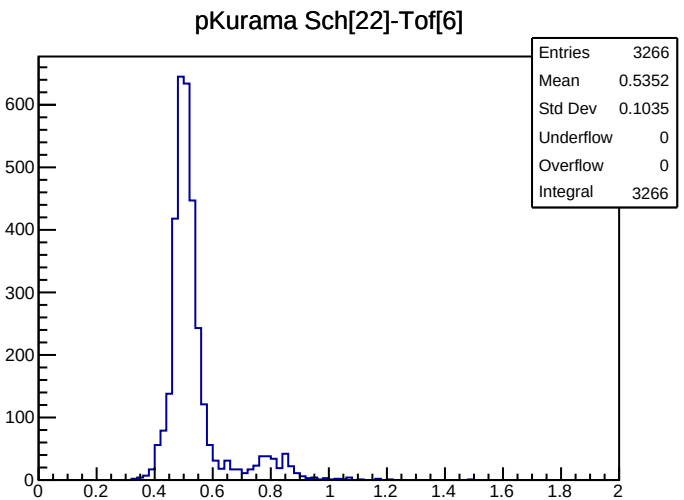

m2 Sch[21]-Tof[11]
Entries 33286
Mean 0.7579
Std Dev 0.2014
Underflow 418
Overflow 1001
Integral 3.187e+04

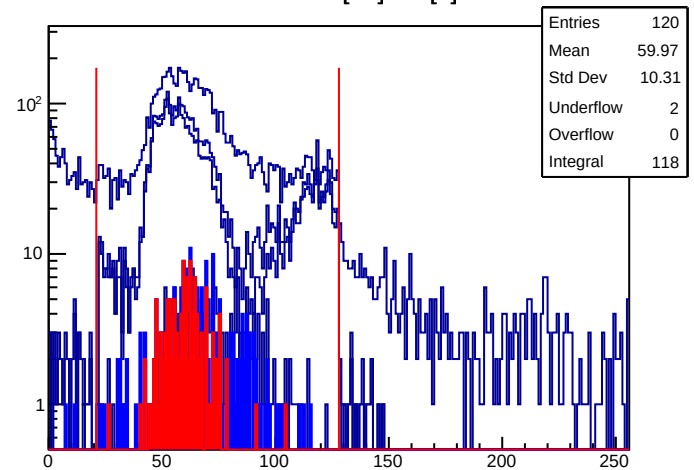

pKurama Sch[21]-Tof[11]
Entries 33286
Mean 1.052
Std Dev 0.155
Underflow 0
Overflow 7
Integral 3.328e+04

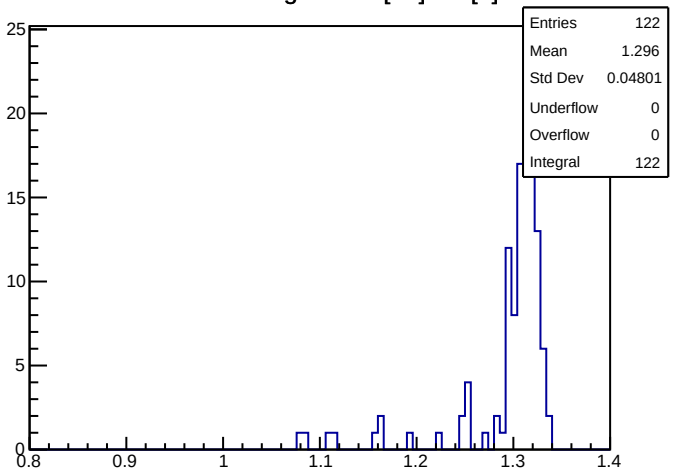

sftx all Sch[22]-Tof[6]
Entries 85
Mean 58.93
Std Dev 11.25
Underflow 1
Overflow 0
Integral 84

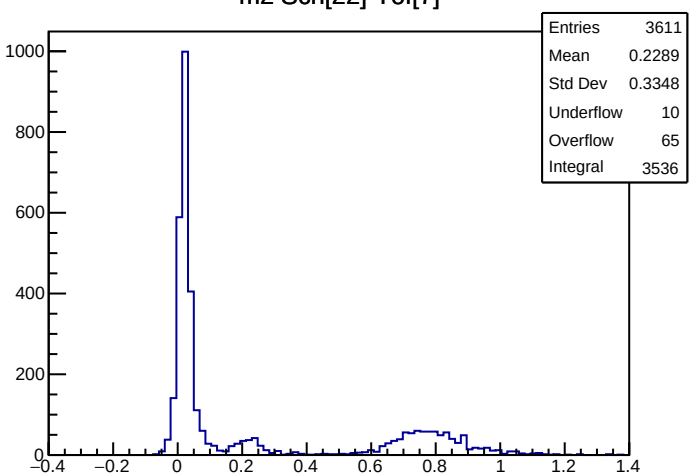

MissMass Sigma Sch[22]-Tof[6]
Entries 92
Mean 1.291
Std Dev 0.08572
Underflow 0
Overflow 0
Integral 92

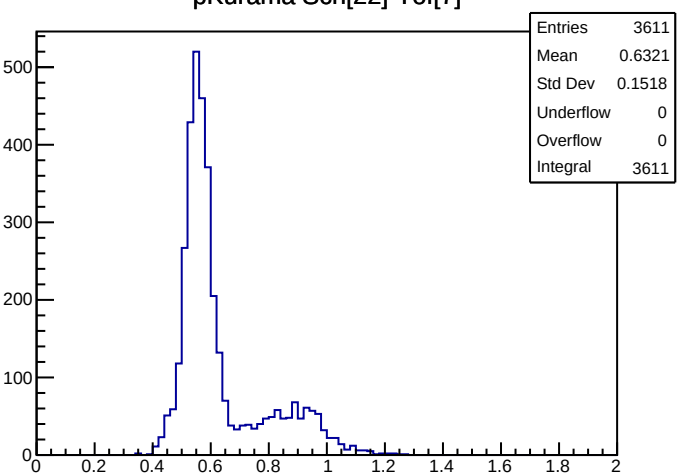

m2 Sch[22]-Tof[6]
Entries 3266
Mean 0.1215
Std Dev 0.2397
Underflow 5
Overflow 91
Integral 3170

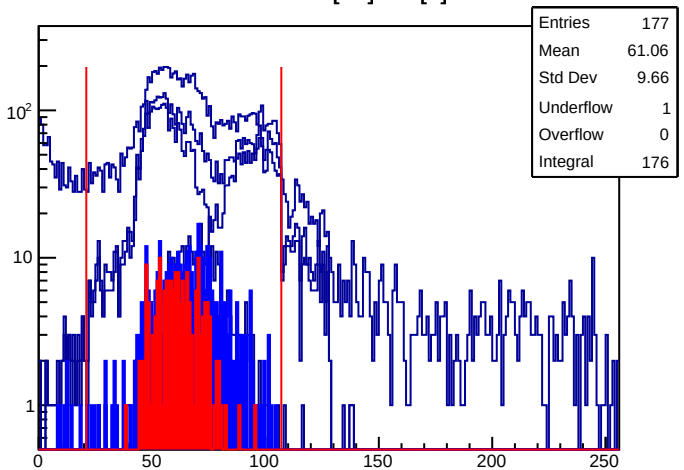

pKurama Sch[22]-Tof[6]
Entries 3266
Mean 0.5352
Std Dev 0.1035
Underflow 0
Overflow 0
Integral 3266

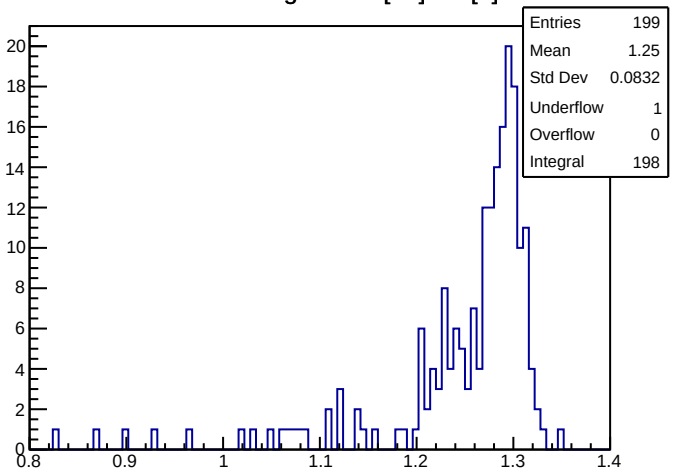

sftx all Sch[22]-Tof[7]
Entries 120
Mean 59.97
Std Dev 10.31
Underflow 2
Overflow 0
Integral 118

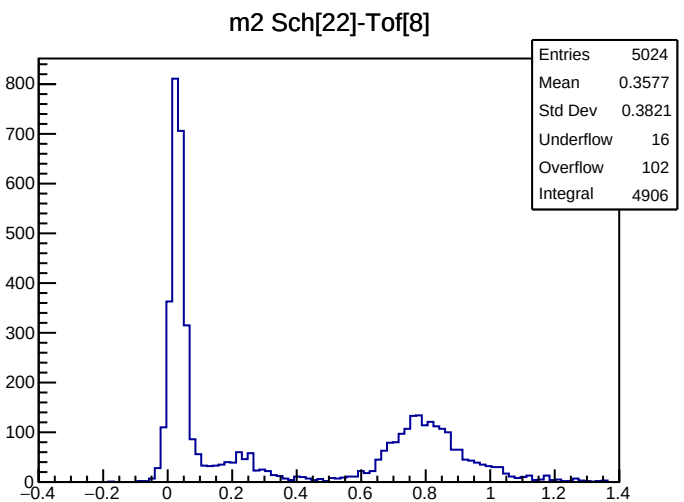

MissMass Sigma Sch[22]-Tof[7]
Entries 122
Mean 1.296
Std Dev 0.04801
Underflow 0
Overflow 0
Integral 122

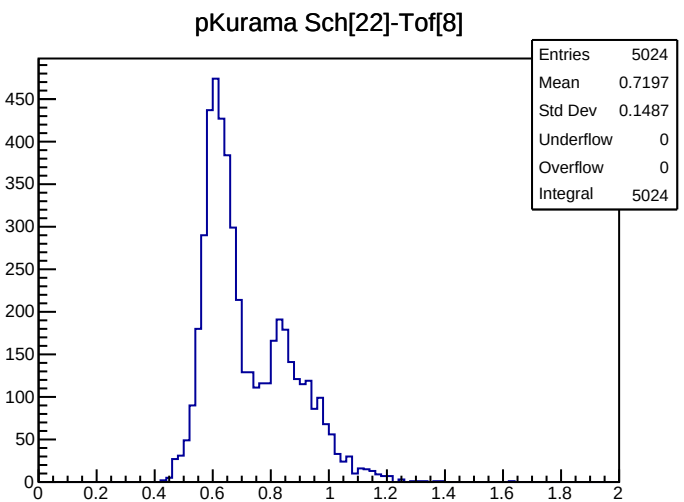

m2 Sch[22]-Tof[7]
Entries 3611
Mean 0.2289
Std Dev 0.3348
Underflow 10
Overflow 65
Integral 3536

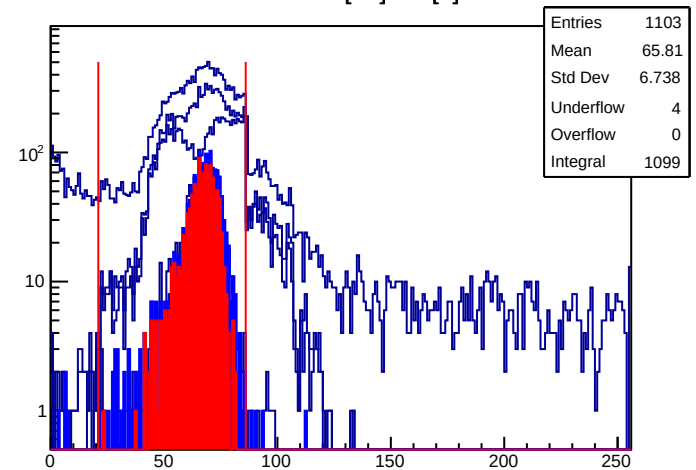

pKurama Sch[22]-Tof[7]
Entries 3611
Mean 0.6321
Std Dev 0.1518
Underflow 0
Overflow 0
Integral 3611

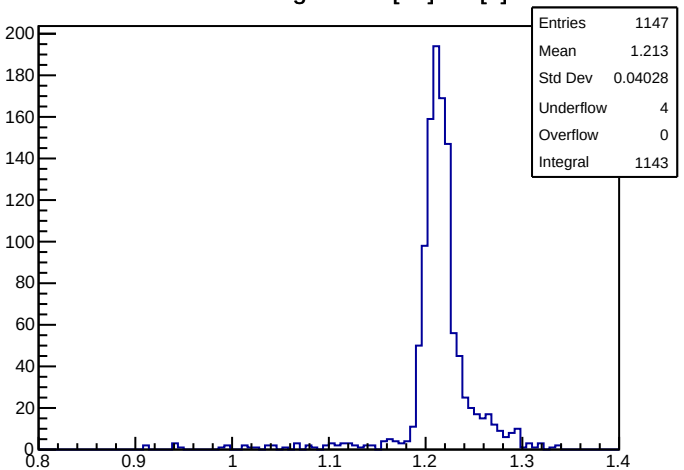

sftx all Sch[22]-Tof[8]
Entries 177
Mean 61.06
Std Dev 9.66
Underflow 1
Overflow 0
Integral 176

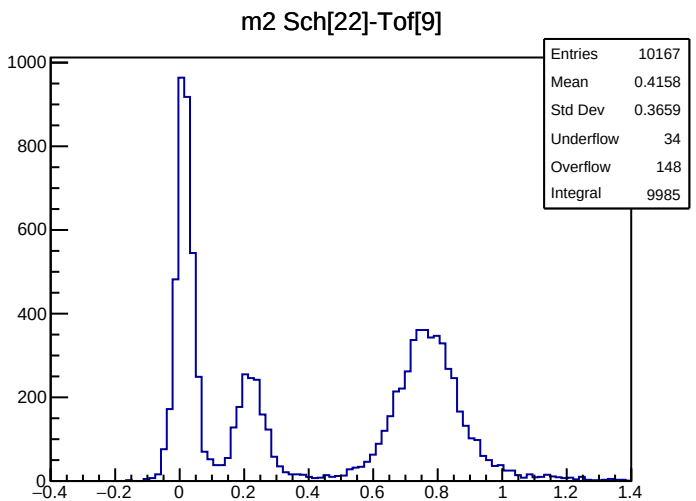

MissMass Sigma Sch[22]-Tof[8]
Entries 199
Mean 1.25
Std Dev 0.0832
Underflow 1
Overflow 0
Integral 198

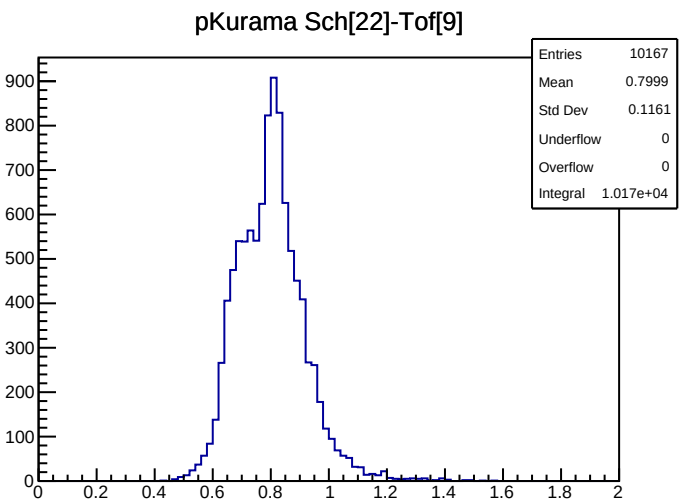

m2 Sch[22]-Tof[8]
Entries 5024
Mean 0.3577
Std Dev 0.3821
Underflow 16
Overflow 102
Integral 4906

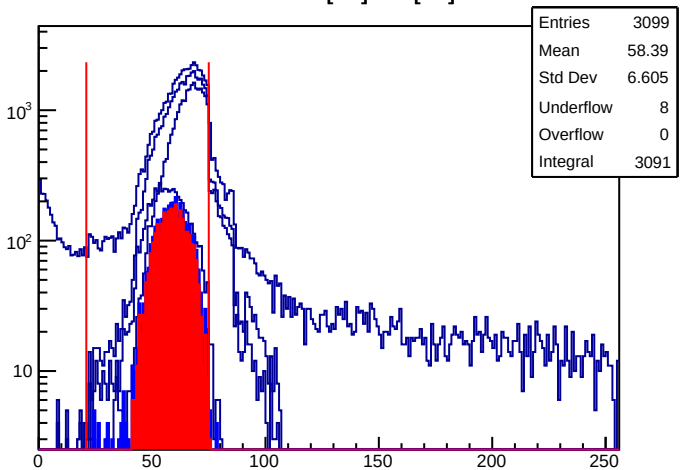

pKurama Sch[22]-Tof[8]
Entries 5024
Mean 0.7197
Std Dev 0.1487
Underflow 0
Overflow 0
Integral 5024

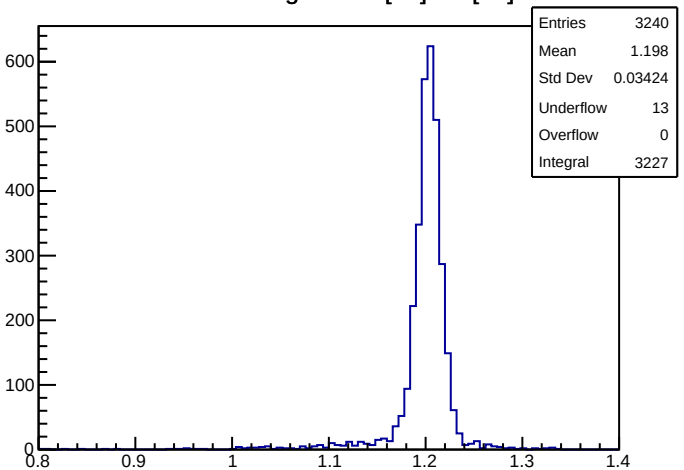

sftx all Sch[22]-Tof[9]
Entries 1103
Mean 65.81
Std Dev 6.738
Underflow 4
Overflow 0
Integral 1099

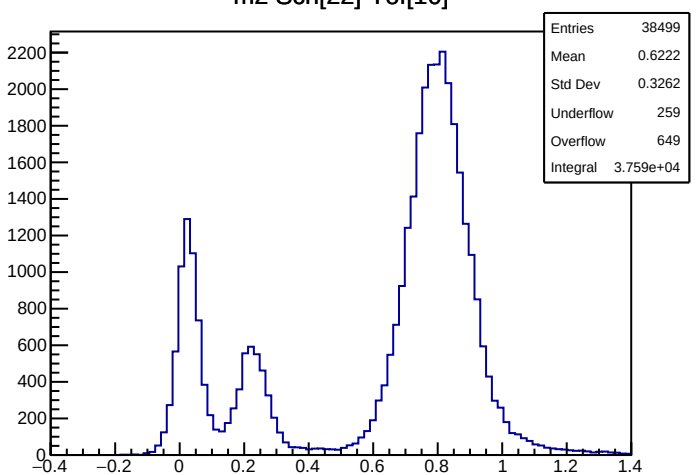

MissMass Sigma Sch[22]-Tof[9]
Entries 1147
Mean 1.213
Std Dev 0.04028
Underflow 4
Overflow 0
Integral 1143

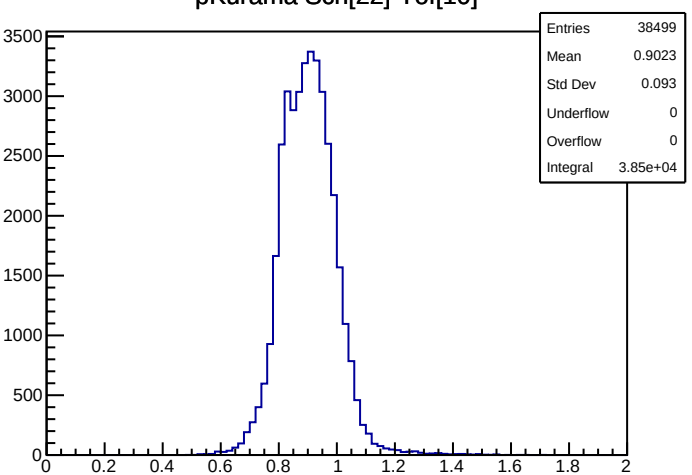

m2 Sch[22]-Tof[9]
Entries 10167
Mean 0.4158
Std Dev 0.3659
Underflow 34
Overflow 148
Integral 9985

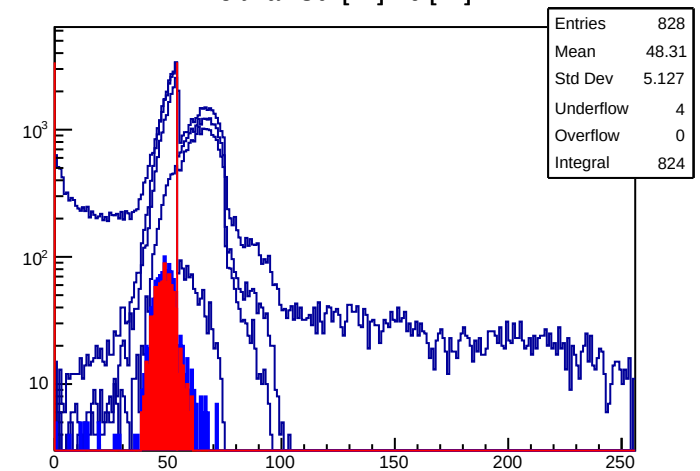

pKurama Sch[22]-Tof[9]
Entries 10167
Mean 0.7999
Std Dev 0.1161
Underflow 0
Overflow 0
Integral 1.017e+04

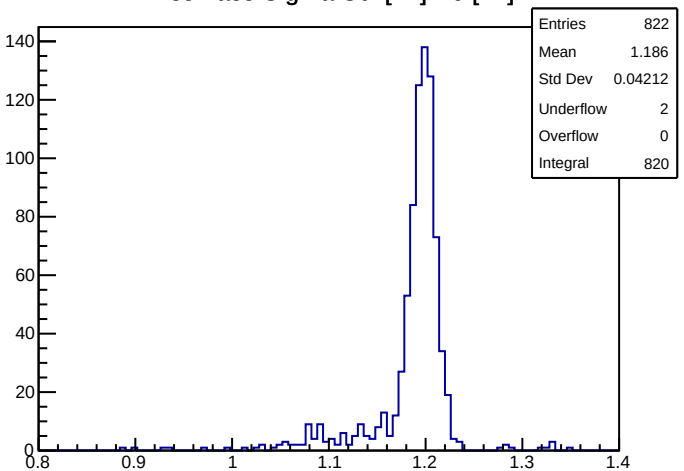

sftx all Sch[22]-Tof[10]
Entries 3099
Mean 58.39
Std Dev 6.605
Underflow 8
Overflow 0
Integral 3091

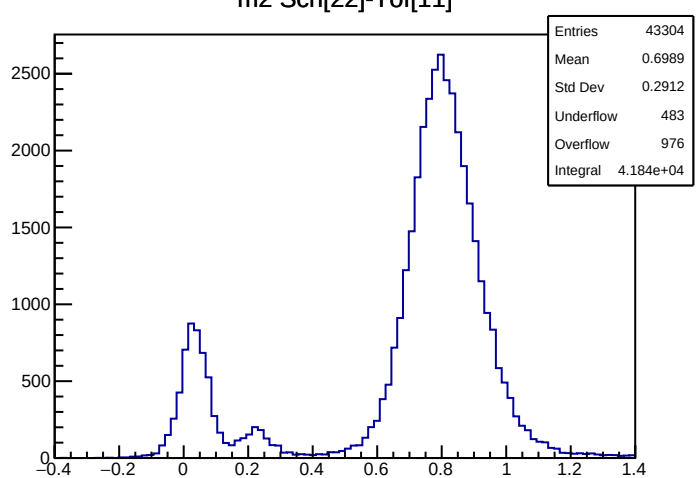

MissMass Sigma Sch[22]-Tof[10]
Entries 3240
Mean 1.198
Std Dev 0.03424
Underflow 13
Overflow 0
Integral 3227

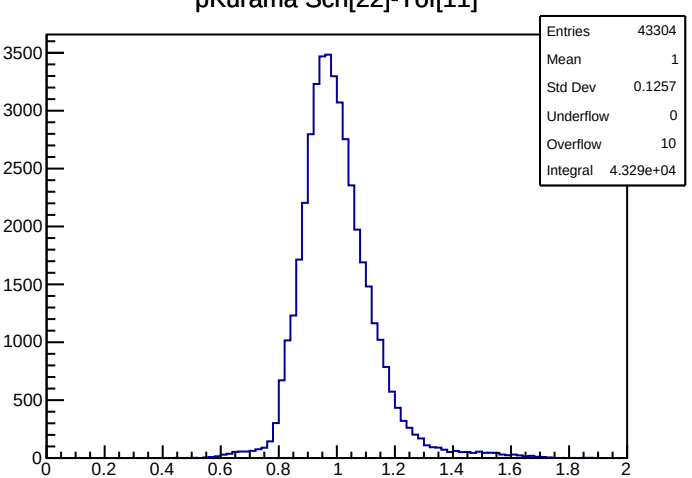

m2 Sch[22]-Tof[10]
Entries 38499
Mean 0.6222
Std Dev 0.3262
Underflow 259
Overflow 649
Integral 3.759e+04

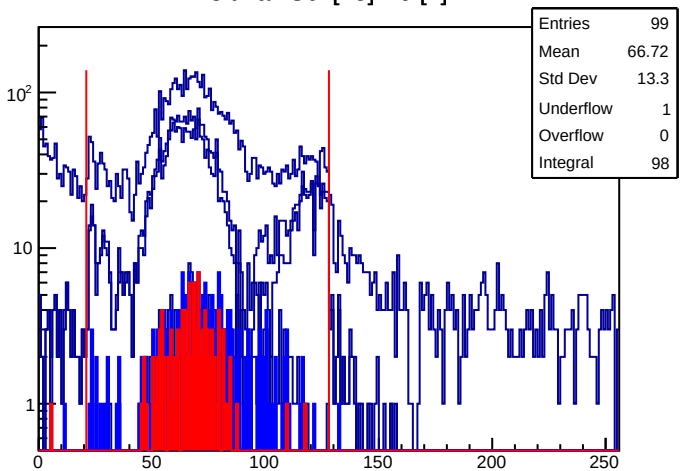

pKurama Sch[22]-Tof[10]
Entries 38499
Mean 0.9023
Std Dev 0.093
Underflow 0
Overflow 0
Integral 3.85e+04

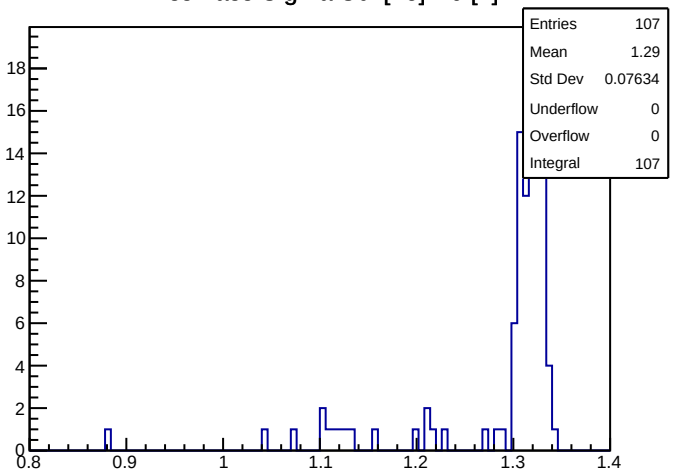

sftx all Sch[22]-Tof[11]
Entries 828
Mean 48.31
Std Dev 5.127
Underflow 4
Overflow 0
Integral 824
10^3
10^2
10
0
50
100
150
200
250

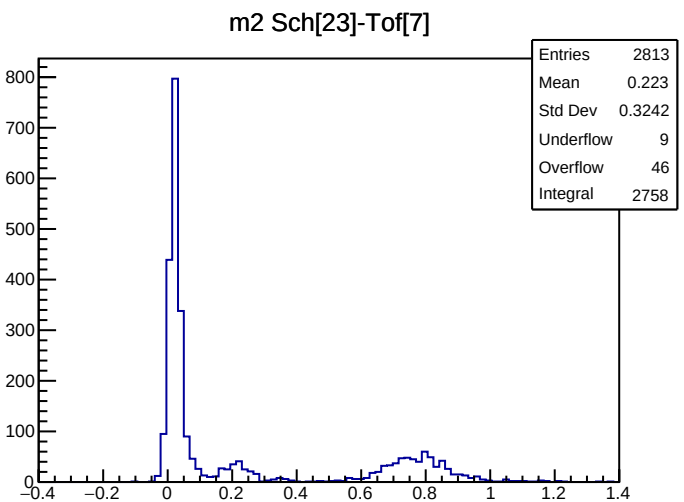

MissMass Sigma Sch[22]-Tof[11]
Entries 822
Mean 1.186
Std Dev 0.04212
Underflow 2
Overflow 0
Integral 820
140
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4

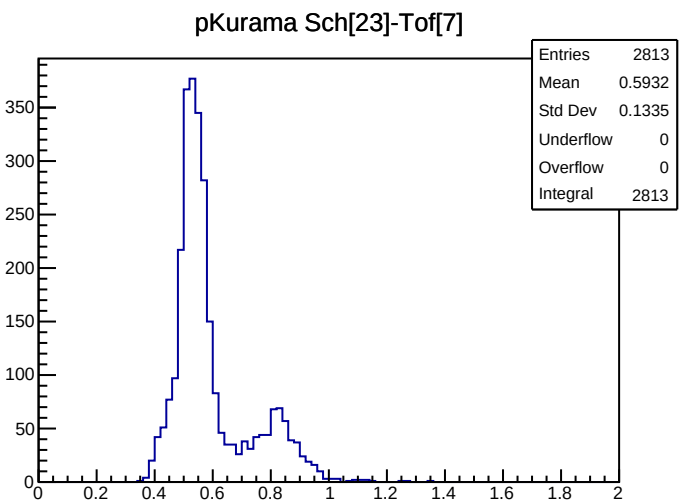

m2 Sch[22]-Tof[11]
Entries 43304
Mean 0.6989
Std Dev 0.2912
Underflow 483
Overflow 976
Integral 4.184e+04
2500
2000
1500
1000
500
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

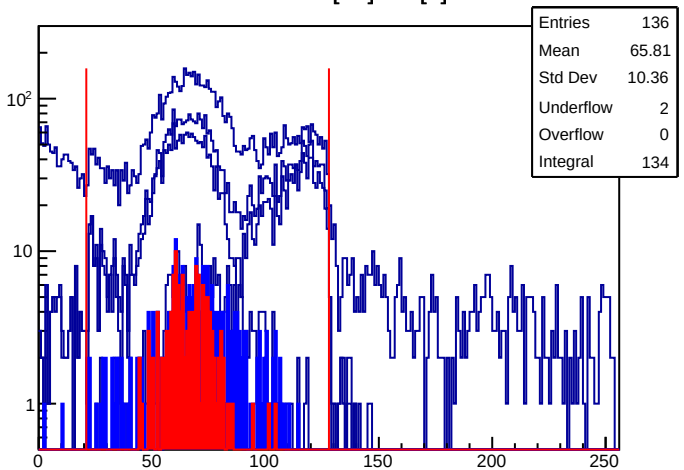

pKurama Sch[22]-Tof[11]
Entries 43304
Mean 1
Std Dev 0.1257
Underflow 0
Overflow 10
Integral 4.329e+04
3500
3000
2500
2000
1500
1000
500
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

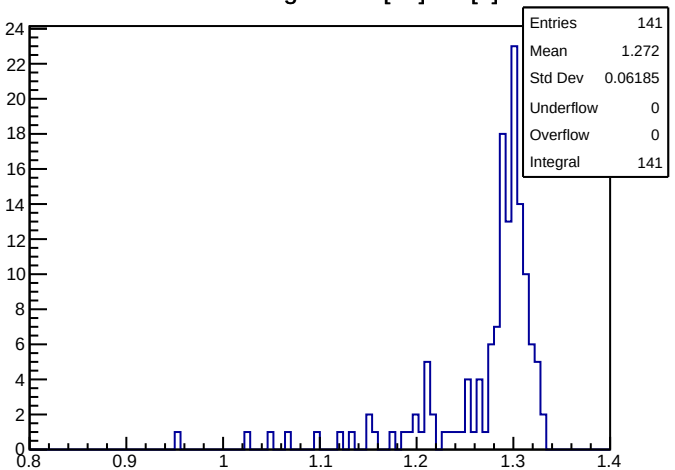

sftx all Sch[23]-Tof[7]
Entries 99
Mean 66.72
Std Dev 13.3
Underflow 1
Overflow 0
Integral 98
10²
10
1
0
50
100
150
200
250

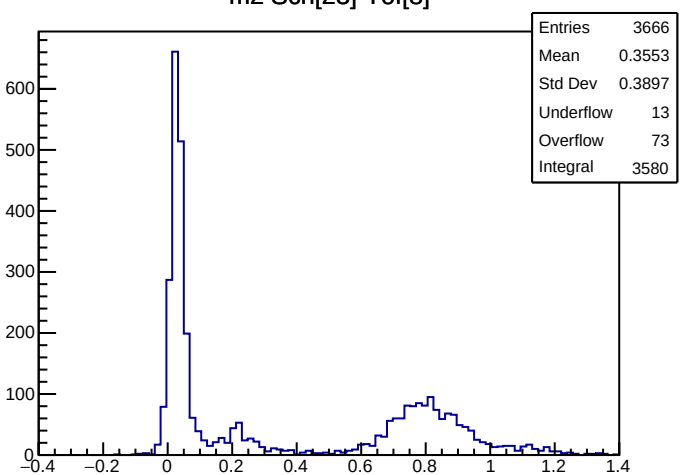

MissMass Sigma Sch[23]-Tof[7]
Entries 107
Mean 1.29
Std Dev 0.07634
Underflow 0
Overflow 0
Integral 107
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

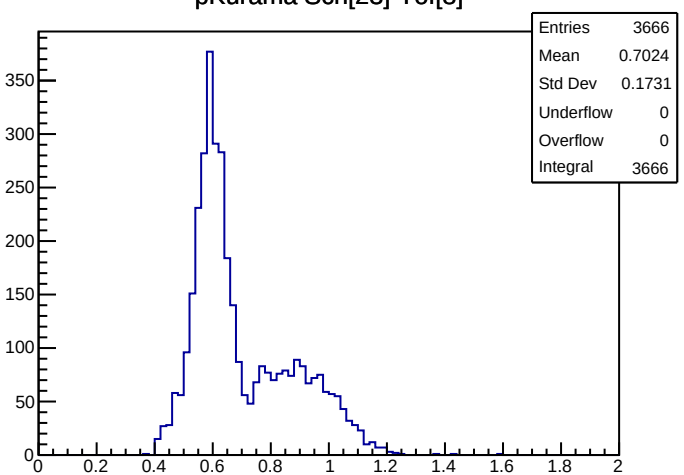

m2 Sch[23]-Tof[7]
Entries 2813
Mean 0.223
Std Dev 0.3242
Underflow 9
Overflow 46
Integral 2758
800
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

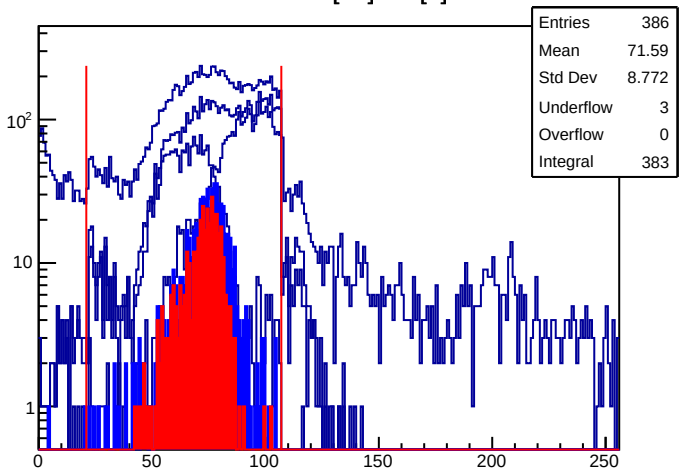

pKurama Sch[23]-Tof[7]
Entries 2813
Mean 0.5932
Std Dev 0.1335
Underflow 0
Overflow 0
Integral 2813
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

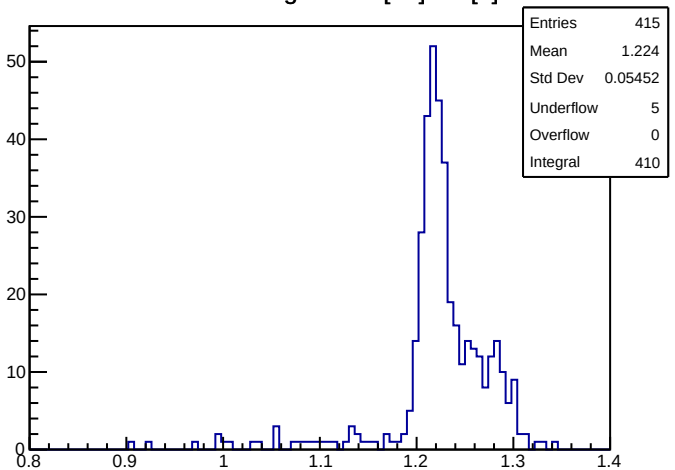

sftx all Sch[23]-Tof[8]
Entries 136
Mean 65.81
Std Dev 10.36
Underflow 2
Overflow 0
Integral 134

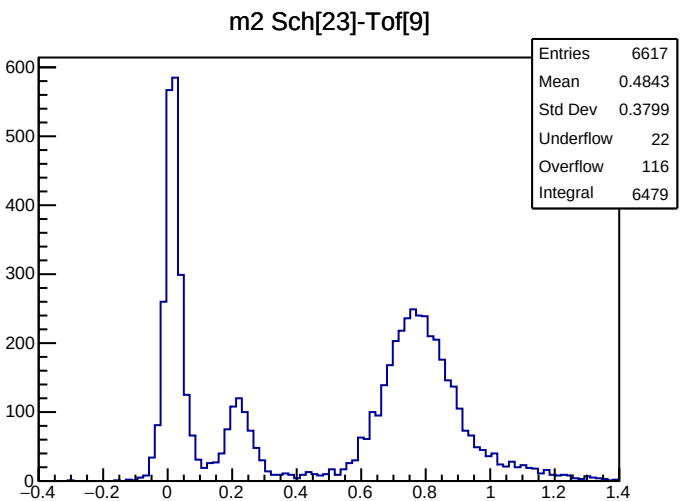

MissMass Sigma Sch[23]-Tof[8]
Entries 141
Mean 1.272
Std Dev 0.06185
Underflow 0
Overflow 0
Integral 141

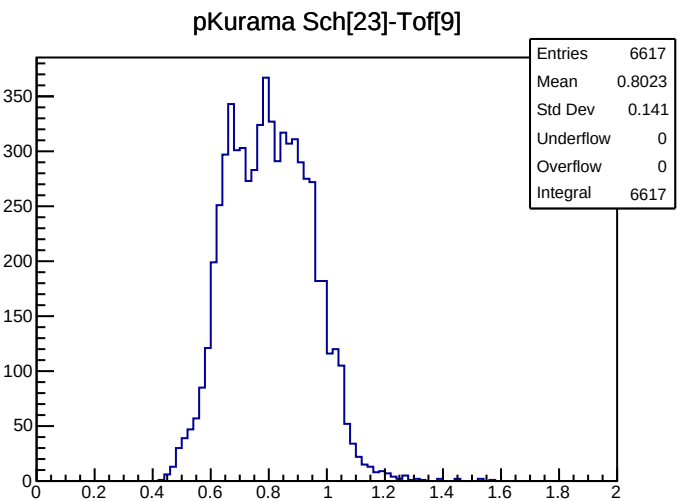

m2 Sch[23]-Tof[8]
Entries 3666
Mean 0.3553
Std Dev 0.3897
Underflow 13
Overflow 73
Integral 3580

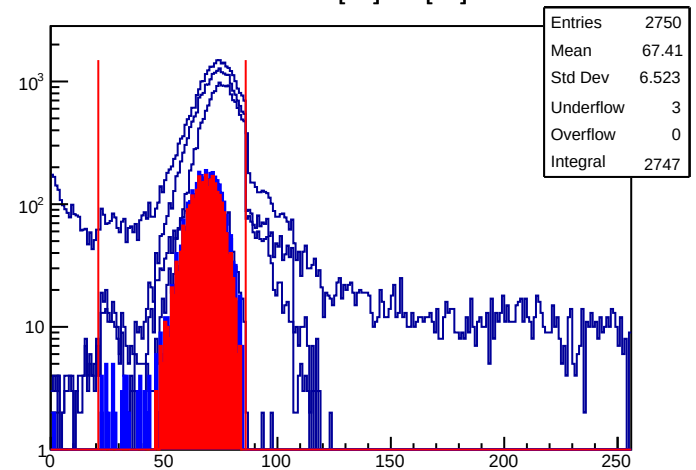

pKurama Sch[23]-Tof[8]
Entries 3666
Mean 0.7024
Std Dev 0.1731
Underflow 0
Overflow 0
Integral 3666

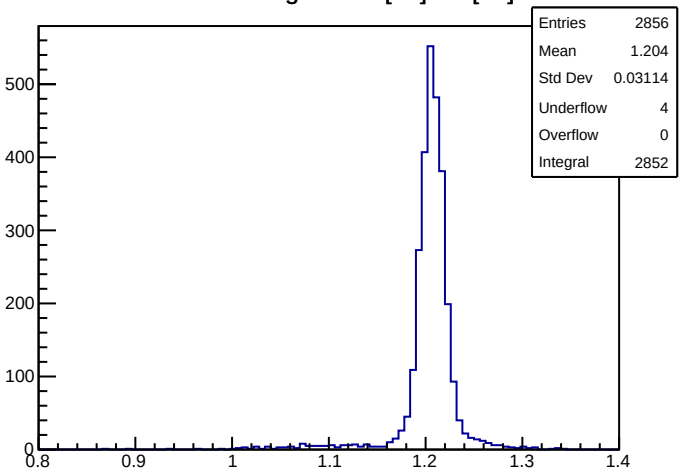

sftx all Sch[23]-Tof[9]
Entries 386
Mean 71.59
Std Dev 8.772
Underflow 3
Overflow 0
Integral 383

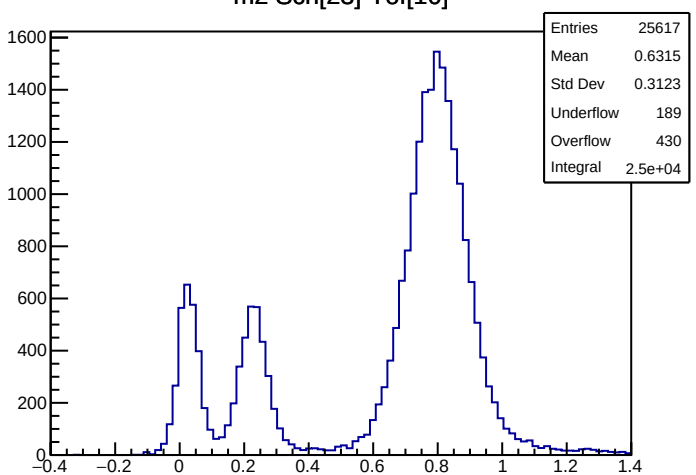

MissMass Sigma Sch[23]-Tof[9]
Entries 415
Mean 1.224
Std Dev 0.05452
Underflow 5
Overflow 0
Integral 410

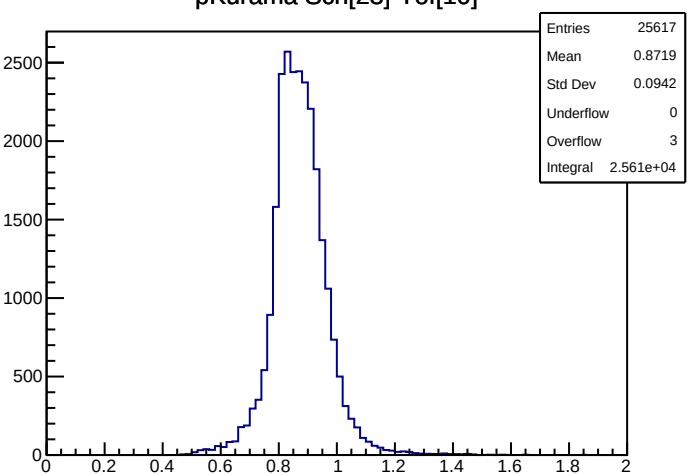

m2 Sch[23]-Tof[9]
Entries 6617
Mean 0.4843
Std Dev 0.3799
Underflow 22
Overflow 116
Integral 6479

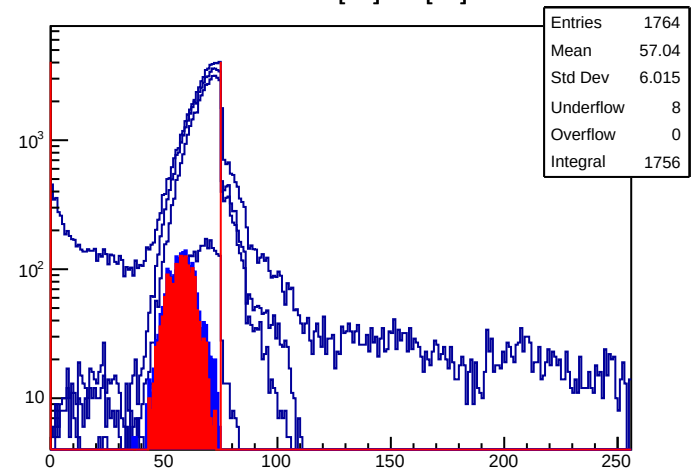

pKurama Sch[23]-Tof[9]
Entries 6617
Mean 0.8023
Std Dev 0.141
Underflow 0
Overflow 0
Integral 6617

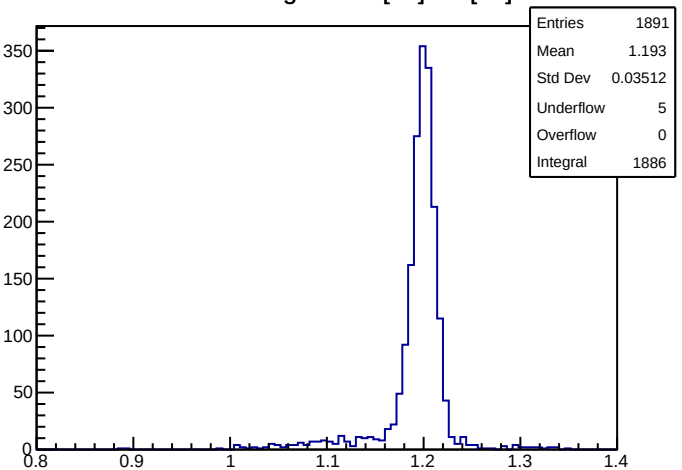

sftx all Sch[23]-Tof[10]
Entries 2750
Mean 67.41
Std Dev 6.523
Underflow 3
Overflow 0
Integral 2747

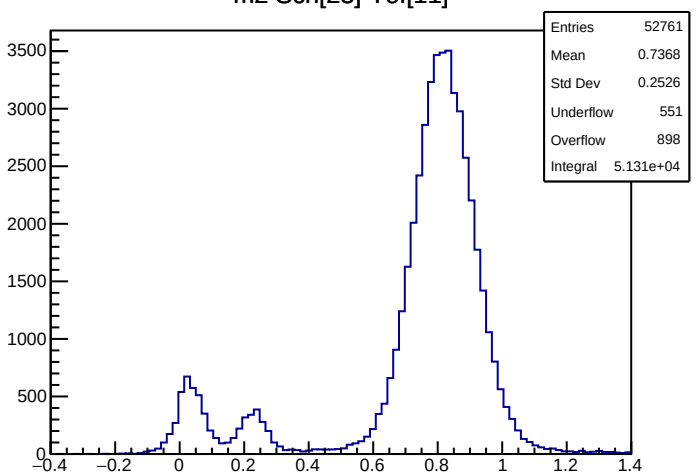

MissMass Sigma Sch[23]-Tof[10]
Entries 2856
Mean 1.204
Std Dev 0.03114
Underflow 4
Overflow 0
Integral 2852

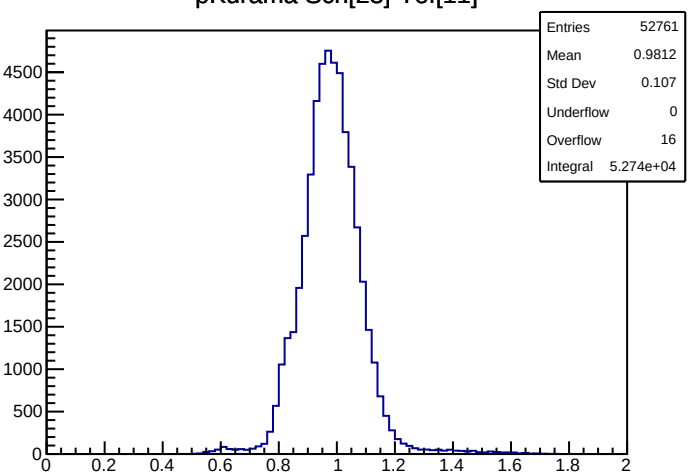

m2 Sch[23]-Tof[10]
Entries 25617
Mean 0.6315
Std Dev 0.3123
Underflow 189
Overflow 430
Integral 2.5e+04

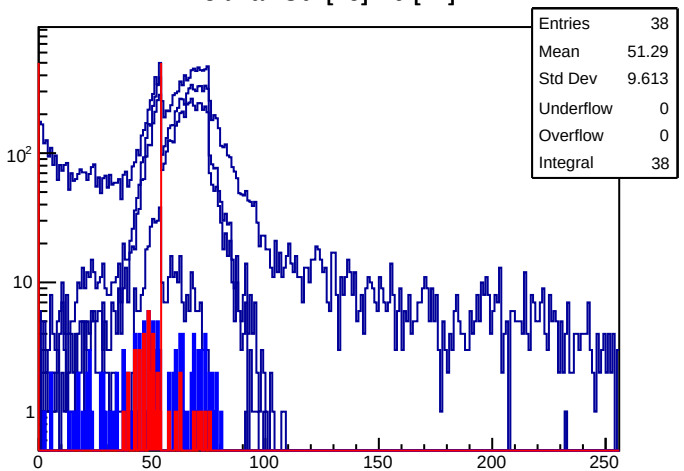

pKurama Sch[23]-Tof[10]
Entries 25617
Mean 0.8719
Std Dev 0.0942
Underflow 0
Overflow 3
Integral 2.561e+04

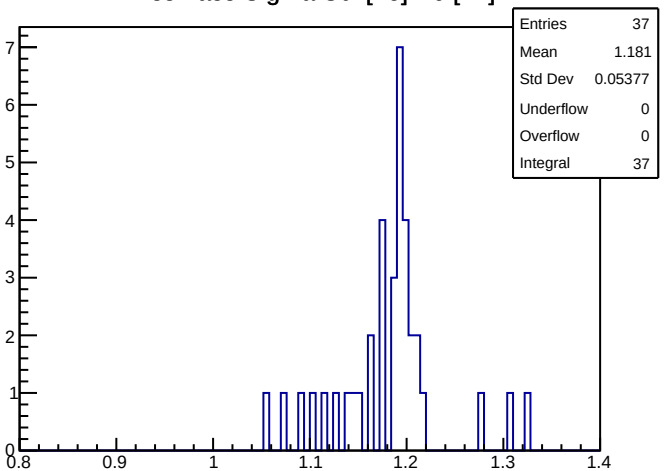

sftx all Sch[23]-Tof[11]
Entries 1764
Mean 57.04
Std Dev 6.015
Underflow 8
Overflow 0
Integral 1756

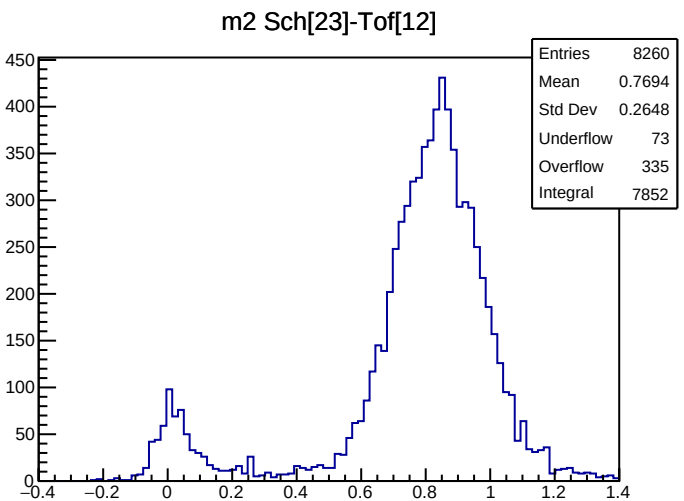

MissMass Sigma Sch[23]-Tof[11]
Entries 1891
Mean 1.193
Std Dev 0.03512
Underflow 5
Overflow 0
Integral 1886

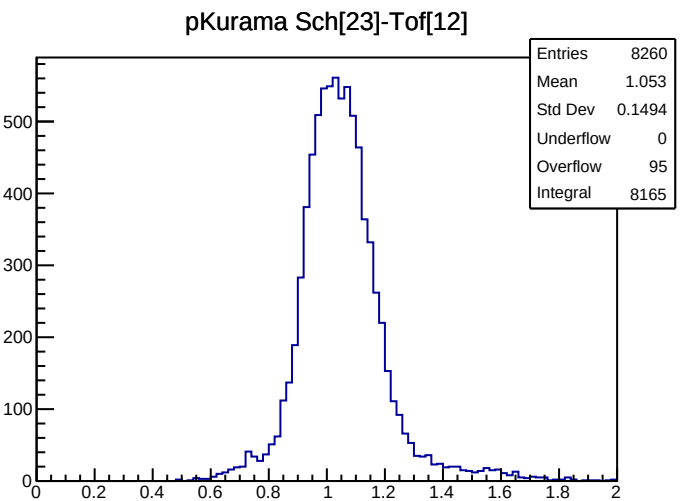

m2 Sch[23]-Tof[11]
Entries 52761
Mean 0.7368
Std Dev 0.2526
Underflow 551
Overflow 898
Integral 5.131e+04

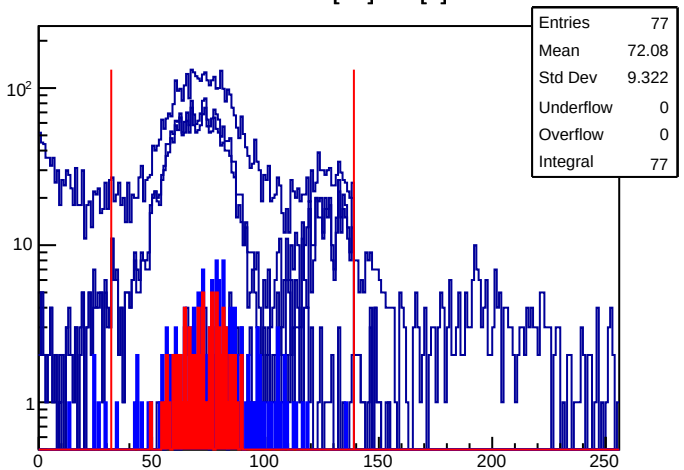

pKurama Sch[23]-Tof[11]
Entries 52761
Mean 0.9812
Std Dev 0.107
Underflow 0
Overflow 16
Integral 5.274e+04

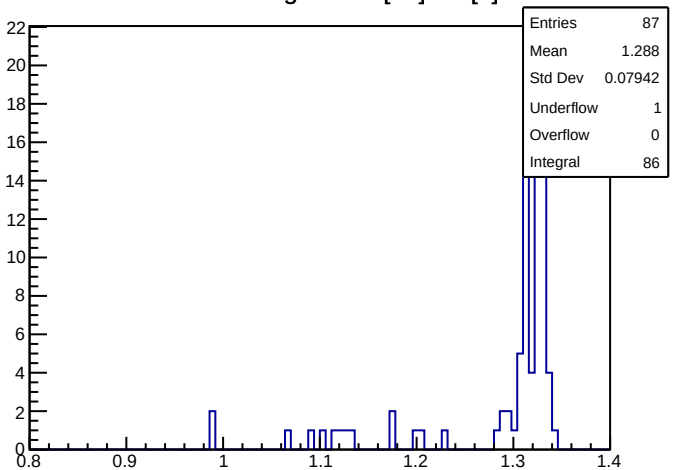

sftx all Sch[23]-Tof[12]
Entries 38
Mean 51.29
Std Dev 9.613
Underflow 0
Overflow 0
Integral 38
10^2
10
1
0
50
100
150
200
250

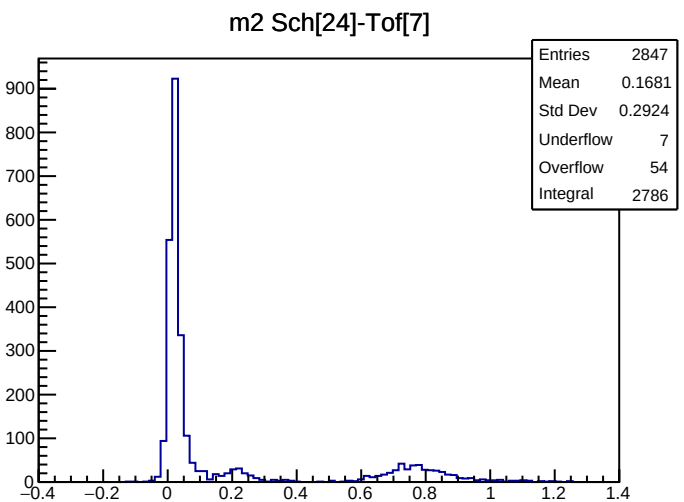

MissMass Sigma Sch[23]-Tof[12]
Entries 37
Mean 1.181
Std Dev 0.05377
Underflow 0
Overflow 0
Integral 37
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

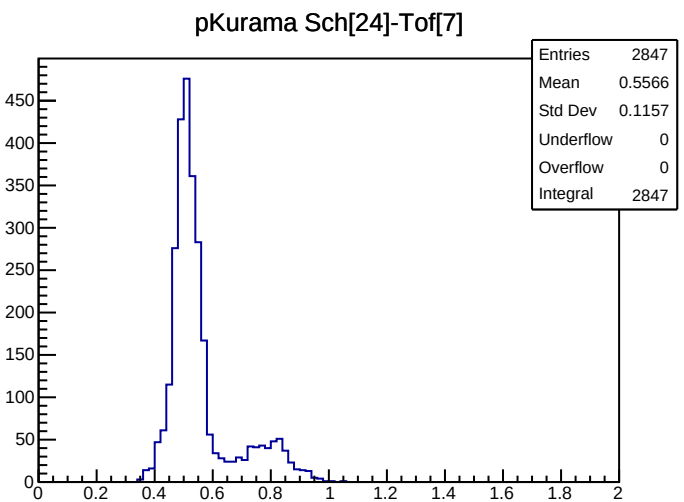

m2 Sch[23]-Tof[12]
Entries 8260
Mean 0.7694
Std Dev 0.2648
Underflow 73
Overflow 335
Integral 7852
450
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

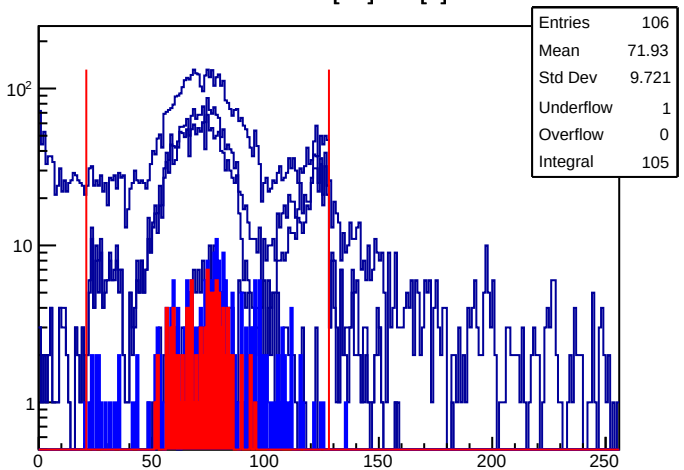

pKurama Sch[23]-Tof[12]
Entries 8260
Mean 1.053
Std Dev 0.1494
Underflow 0
Overflow 95
Integral 8165
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

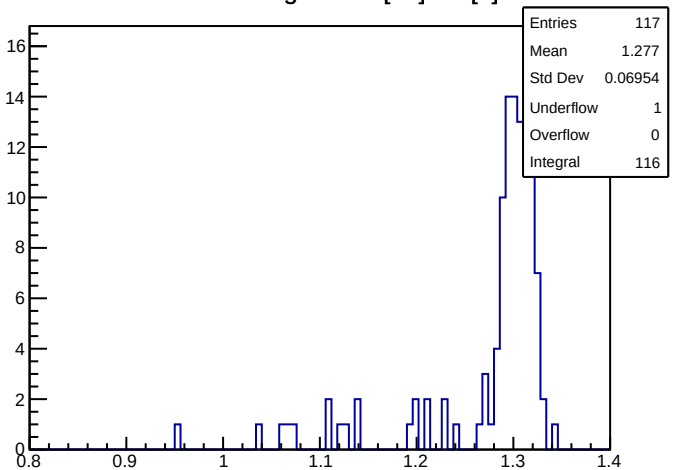

sftx all Sch[24]-Tof[7]
Entries 77
Mean 72.08
Std Dev 9.322
Underflow 0
Overflow 0
Integral 77

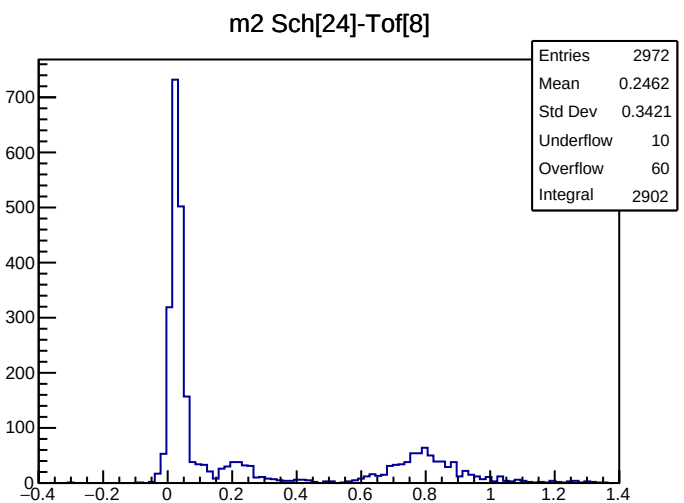

MissMass Sigma Sch[24]-Tof[7]
Entries 87
Mean 1.288
Std Dev 0.07942
Underflow 1
Overflow 0
Integral 86

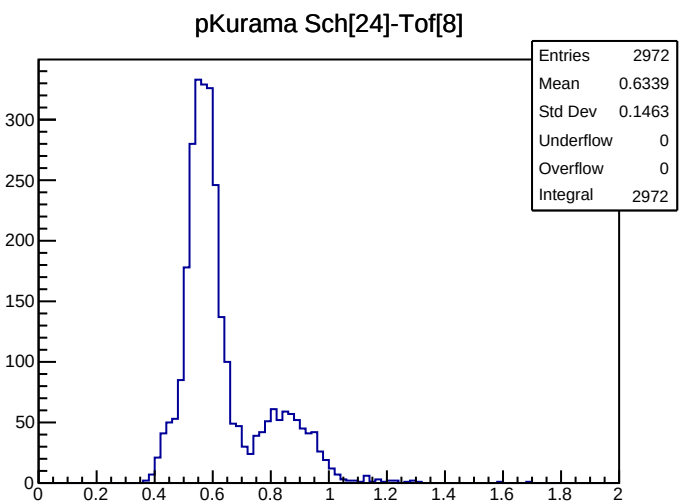

m2 Sch[24]-Tof[7]
Entries 2847
Mean 0.1681
Std Dev 0.2924
Underflow 7
Overflow 54
Integral 2786

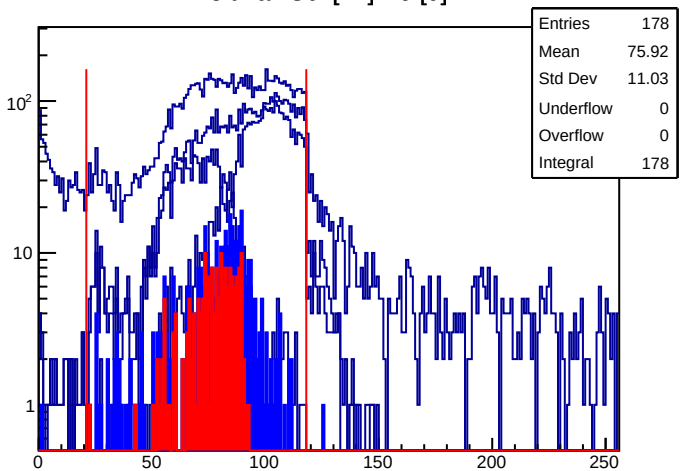

pKurama Sch[24]-Tof[7]
Entries 2847
Mean 0.5566
Std Dev 0.1157
Underflow 0
Overflow 0
Integral 2847

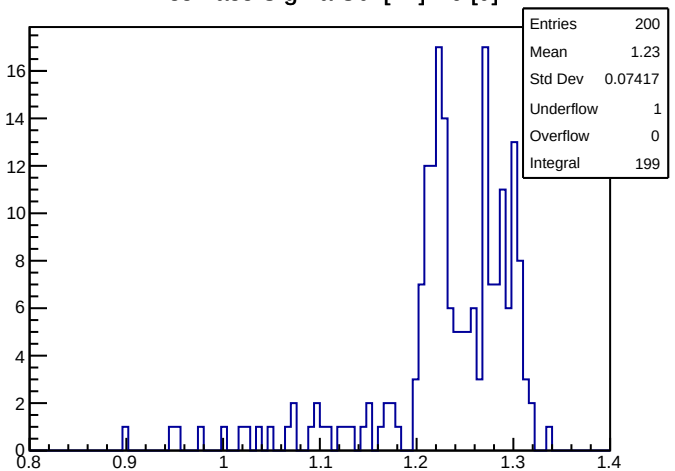

sftx all Sch[24]-Tof[8]
Entries 106
Mean 71.93
Std Dev 9.721
Underflow 1
Overflow 0
Integral 105

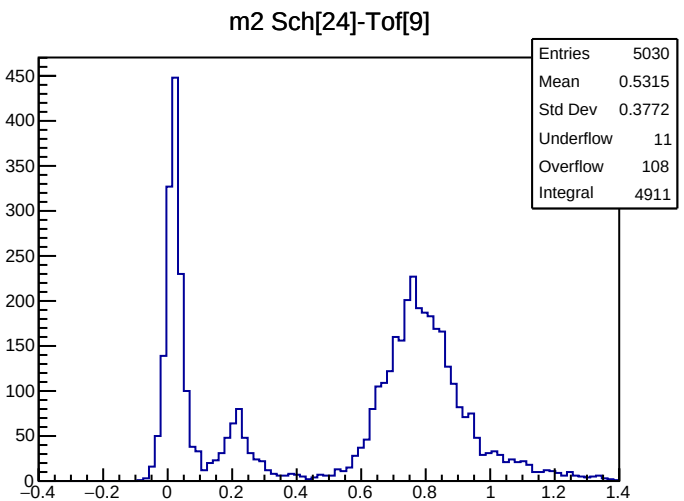

MissMass Sigma Sch[24]-Tof[8]
Entries 117
Mean 1.277
Std Dev 0.06954
Underflow 1
Overflow 0
Integral 116

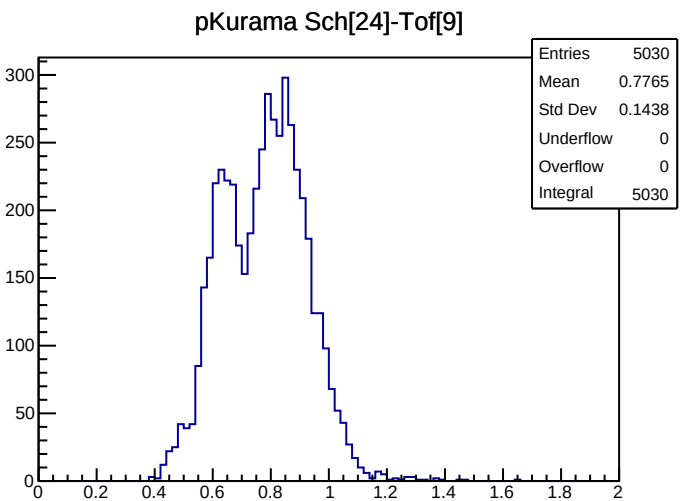

m2 Sch[24]-Tof[8]
Entries 2972
Mean 0.2462
Std Dev 0.3421
Underflow 10
Overflow 60
Integral 2902

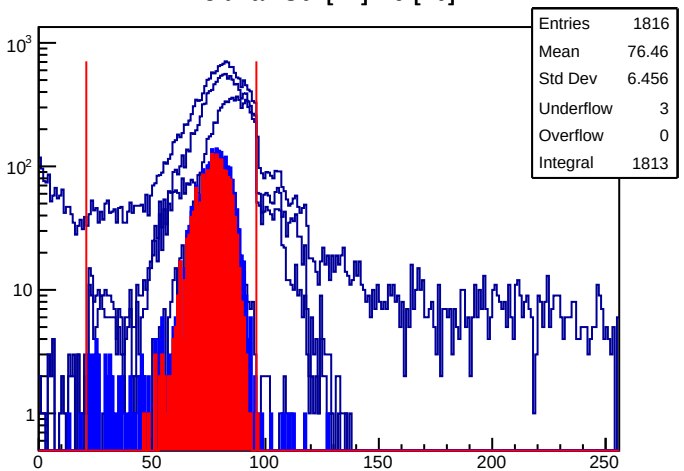

pKurama Sch[24]-Tof[8]
Entries 2972
Mean 0.6339
Std Dev 0.1463
Underflow 0
Overflow 0
Integral 2972

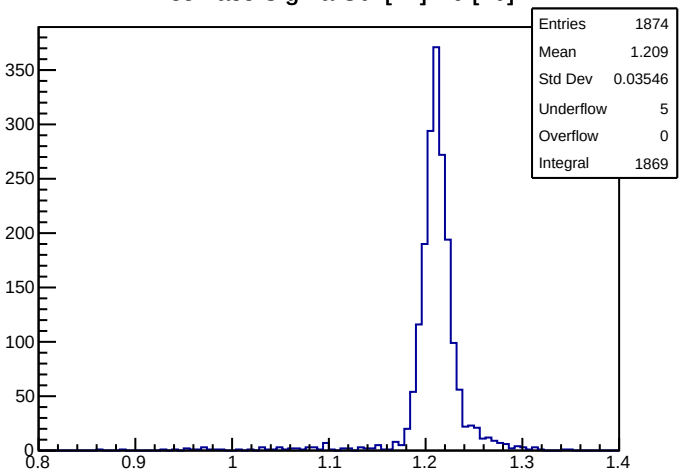

sftx all Sch[24]-Tof[9]
Entries 178
Mean 75.92
Std Dev 11.03
Underflow 0
Overflow 0
Integral 178

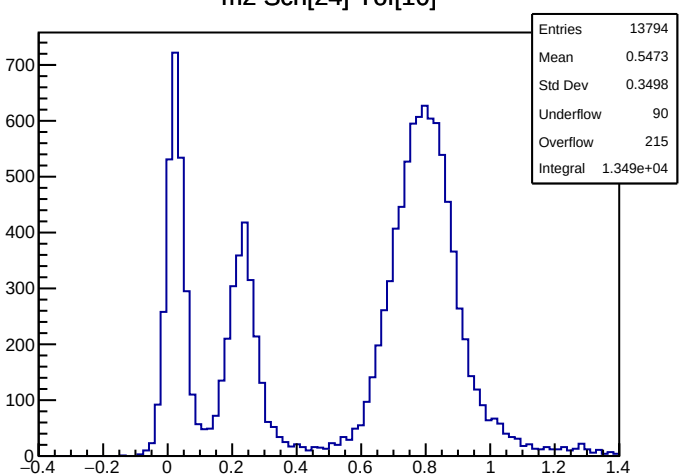

MissMass Sigma Sch[24]-Tof[9]
Entries 200
Mean 1.23
Std Dev 0.07417
Underflow 1
Overflow 0
Integral 199

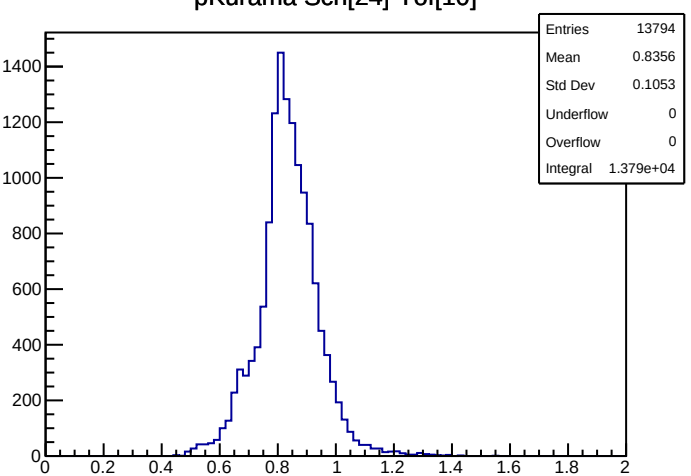

m2 Sch[24]-Tof[9]
Entries 5030
Mean 0.5315
Std Dev 0.3772
Underflow 11
Overflow 108
Integral 4911

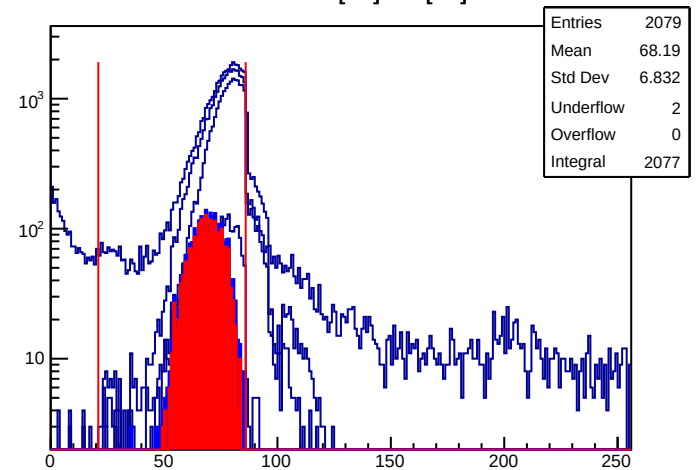

pKurama Sch[24]-Tof[9]
Entries 5030
Mean 0.7765
Std Dev 0.1438
Underflow 0
Overflow 0
Integral 5030

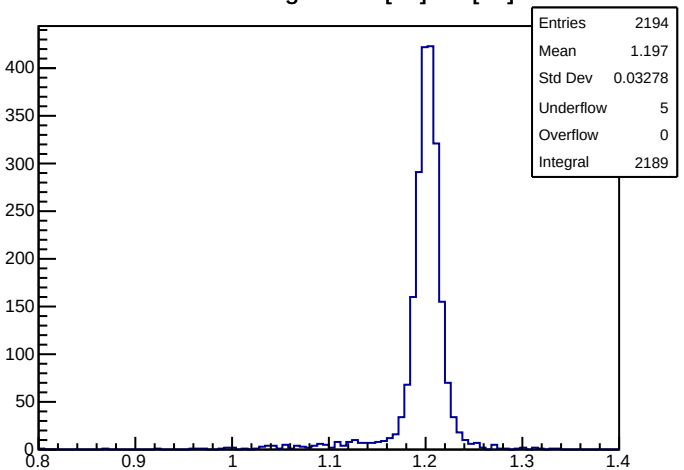

sftx all Sch[24]-Tof[10]
Entries 1816
Mean 76.46
Std Dev 6.456
Underflow 3
Overflow 0
Integral 1813

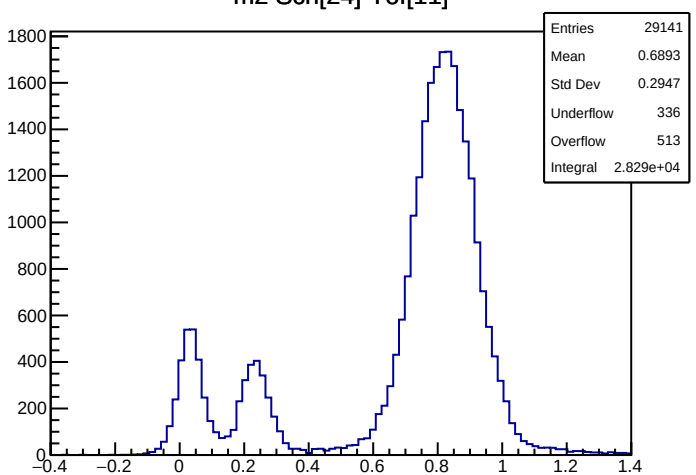

MissMass Sigma Sch[24]-Tof[10]
Entries 1874
Mean 1.209
Std Dev 0.03546
Underflow 5
Overflow 0
Integral 1869

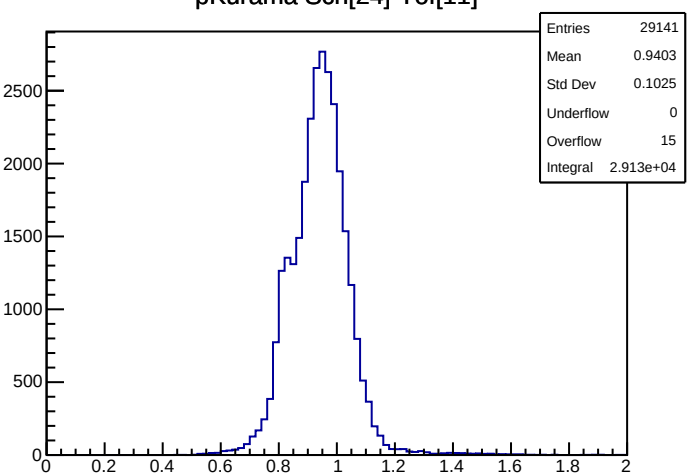

m2 Sch[24]-Tof[10]
Entries 13794
Mean 0.5473
Std Dev 0.3498
Underflow 90
Overflow 215
Integral 1.349e+04

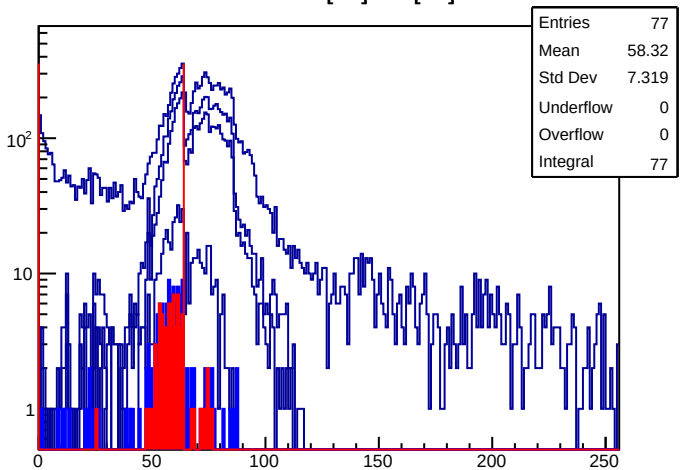

pKurama Sch[24]-Tof[10]
Entries 13794
Mean 0.8356
Std Dev 0.1053
Underflow 0
Overflow 0
Integral 1.379e+04

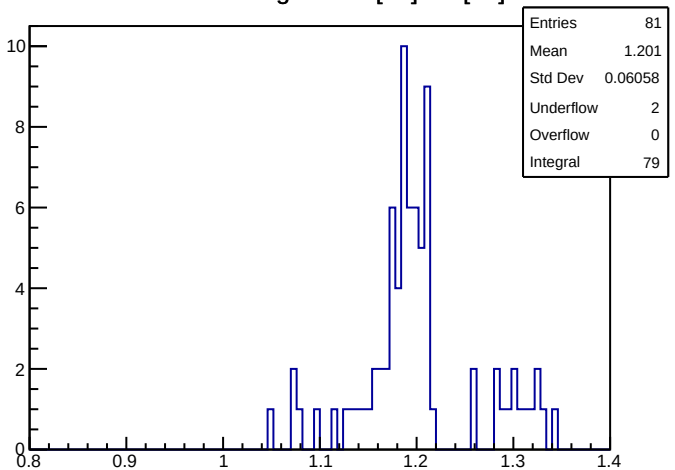

sftx all Sch[24]-Tof[11]
Entries 2079
Mean 68.19
Std Dev 6.832
Underflow 2
Overflow 0
Integral 2077

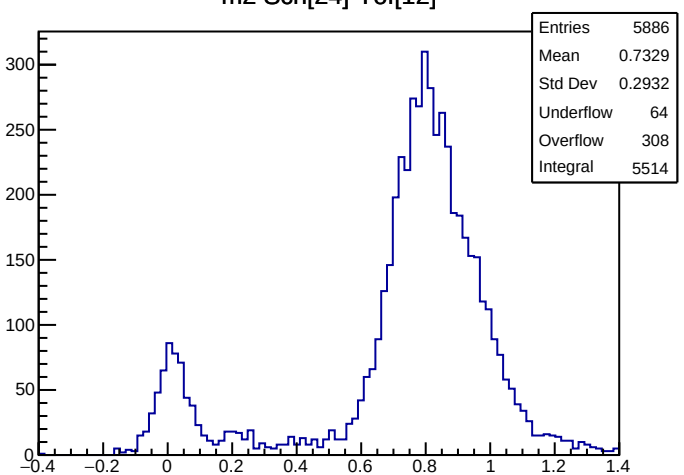

MissMass Sigma Sch[24]-Tof[11]
Entries 2194
Mean 1.197
Std Dev 0.03278
Underflow 5
Overflow 0
Integral 2189

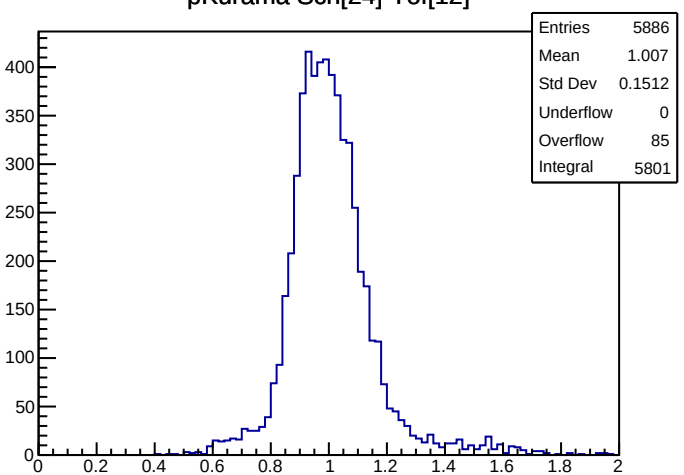

m2 Sch[24]-Tof[11]
Entries 29141
Mean 0.6893
Std Dev 0.2947
Underflow 336
Overflow 513
Integral 2.829e+04

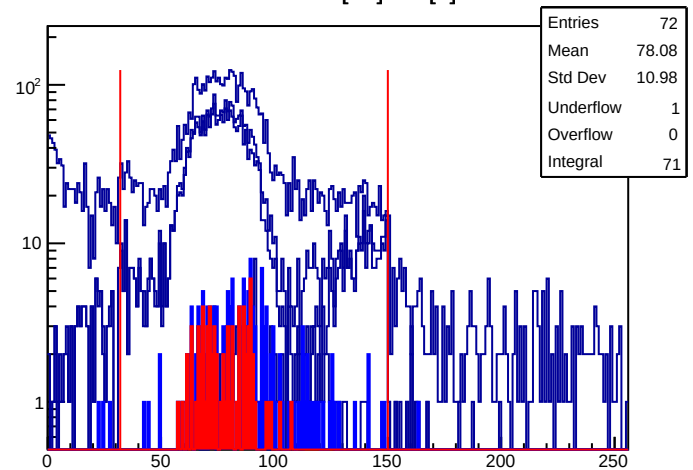

pKurama Sch[24]-Tof[11]
Entries 29141
Mean 0.9403
Std Dev 0.1025
Underflow 0
Overflow 15
Integral 2.913e+04

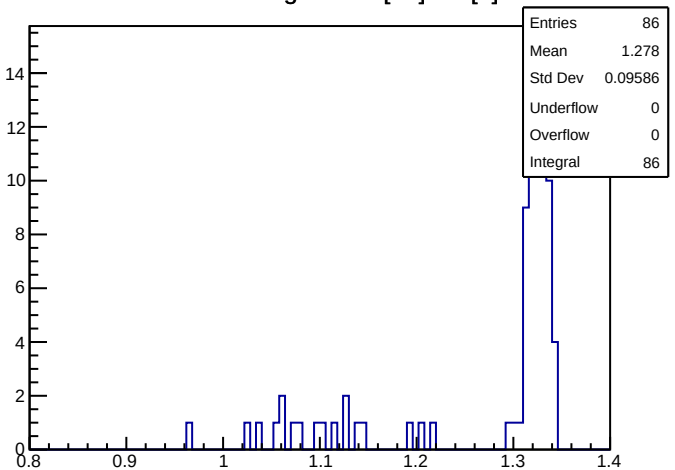

sftx all Sch[24]-Tof[12]
Entries 77
Mean 58.32
Std Dev 7.319
Underflow 0
Overflow 0
Integral 77

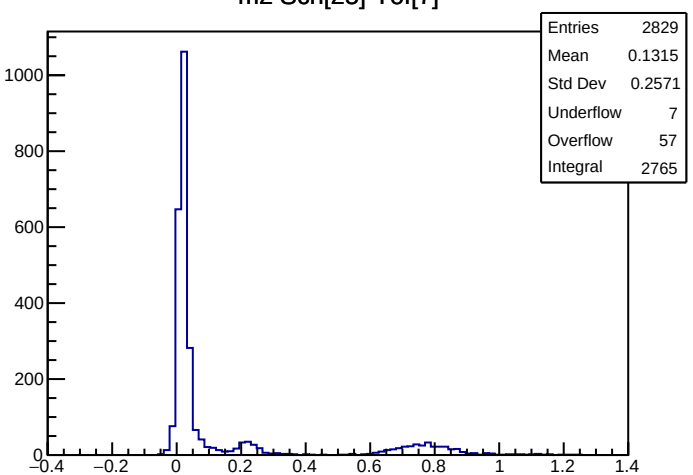

MissMass Sigma Sch[24]-Tof[12]
Entries 81
Mean 1.201
Std Dev 0.06058
Underflow 2
Overflow 0
Integral 79

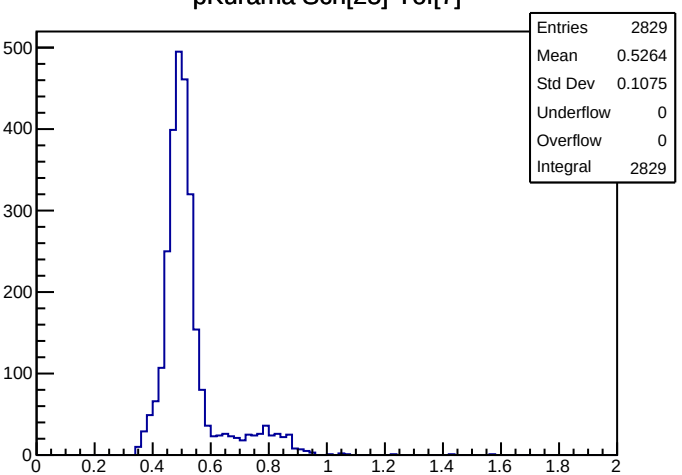

m2 Sch[24]-Tof[12]
Entries 5886
Mean 0.7329
Std Dev 0.2932
Underflow 64
Overflow 308
Integral 5514

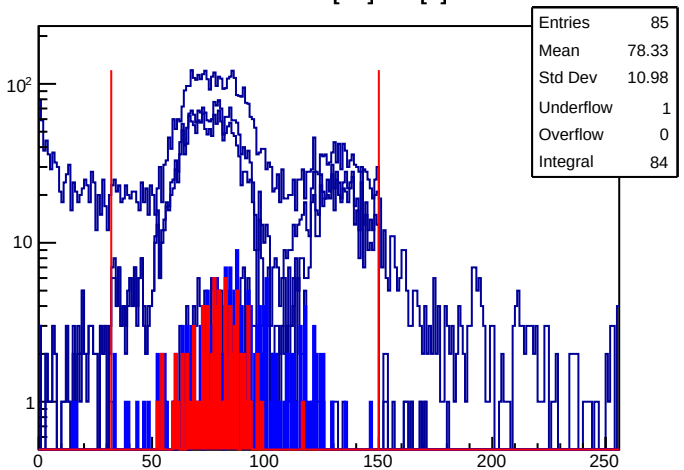

pKurama Sch[24]-Tof[12]
Entries 5886
Mean 1.007
Std Dev 0.1512
Underflow 0
Overflow 85
Integral 5801

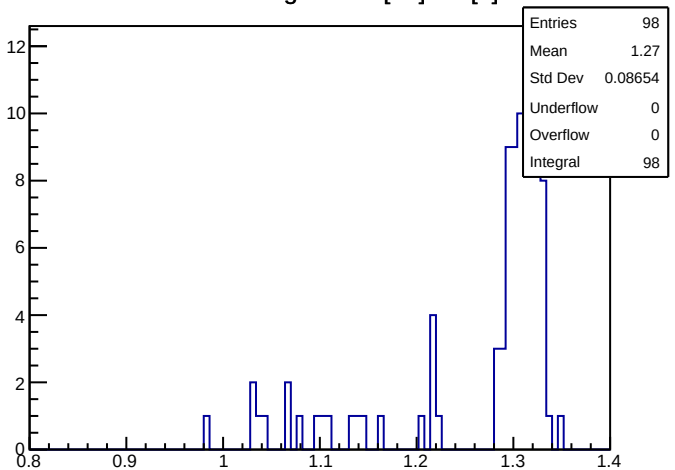

sftx all Sch[25]-Tof[7]
Entries 72
Mean 78.08
Std Dev 10.98
Underflow 1
Overflow 0
Integral 71

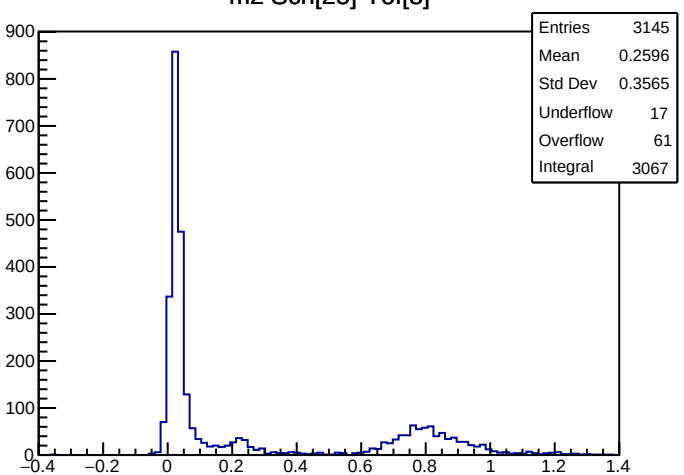

MissMass Sigma Sch[25]-Tof[7]
Entries 86
Mean 1.278
Std Dev 0.09586
Underflow 0
Overflow 0
Integral 86

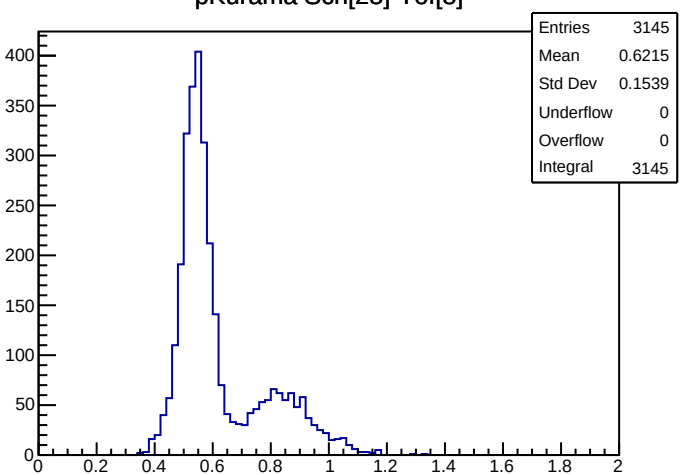

m2 Sch[25]-Tof[7]
Entries 2829
Mean 0.1315
Std Dev 0.2571
Underflow 7
Overflow 57
Integral 2765

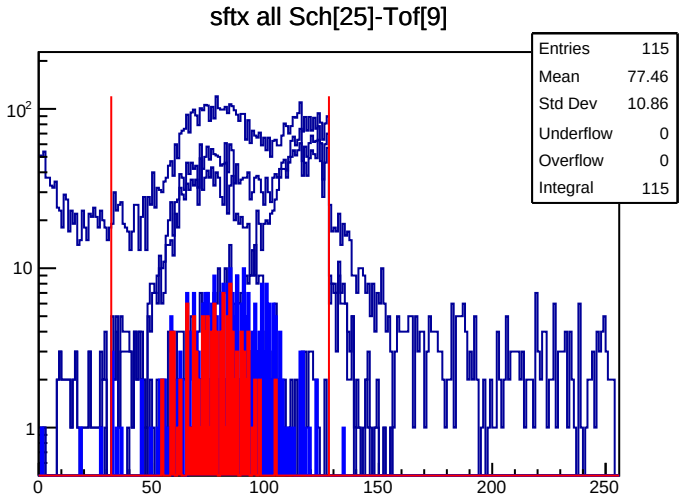

pKurama Sch[25]-Tof[7]
Entries 2829
Mean 0.5264
Std Dev 0.1075
Underflow 0
Overflow 0
Integral 2829

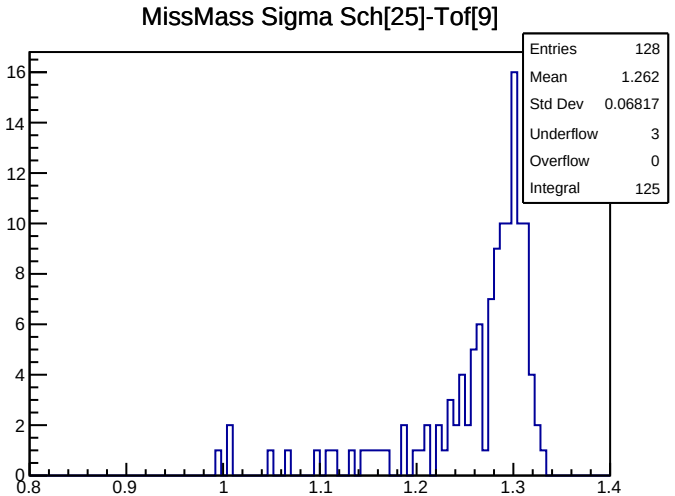

sftx all Sch[25]-Tof[8]
Entries 85
Mean 78.33
Std Dev 10.98
Underflow 1
Overflow 0
Integral 84

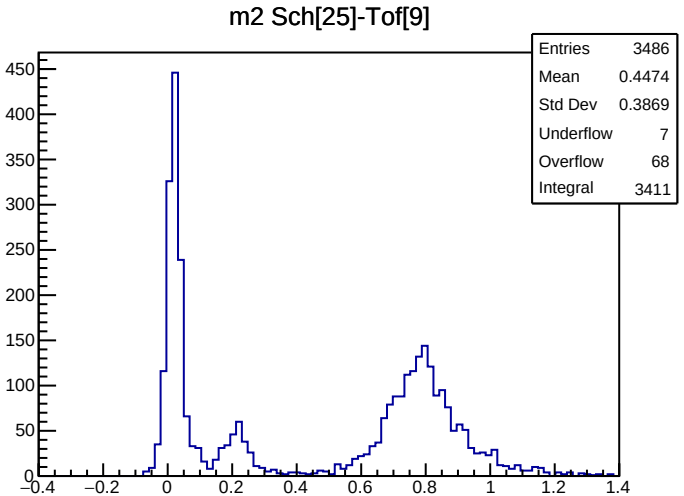

MissMass Sigma Sch[25]-Tof[8]
Entries 98
Mean 1.27
Std Dev 0.08654
Underflow 0
Overflow 0
Integral 98

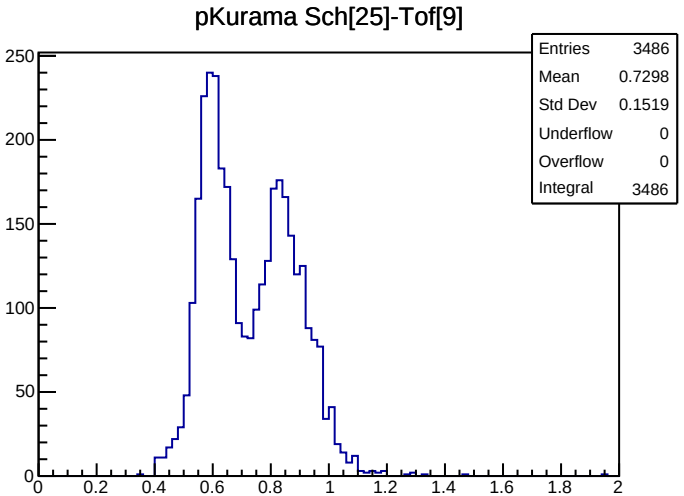

m2 Sch[25]-Tof[8]
Entries 3145
Mean 0.2596
Std Dev 0.3565
Underflow 17
Overflow 61
Integral 3067

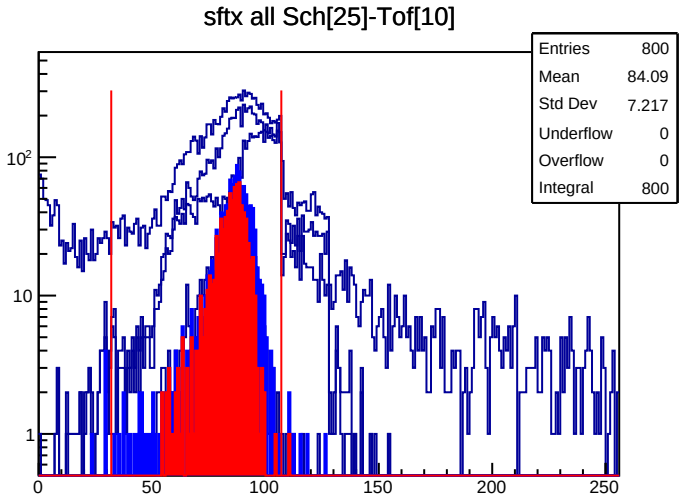

pKurama Sch[25]-Tof[8]
Entries 3145
Mean 0.6215
Std Dev 0.1539
Underflow 0
Overflow 0
Integral 3145

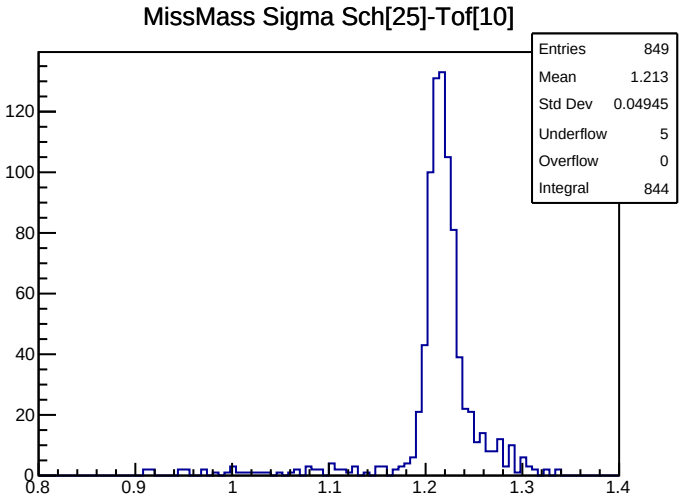

sftx all Sch[25]-Tof[9]
Entries 115
Mean 77.46
Std Dev 10.86
Underflow 0
Overflow 0
Integral 115

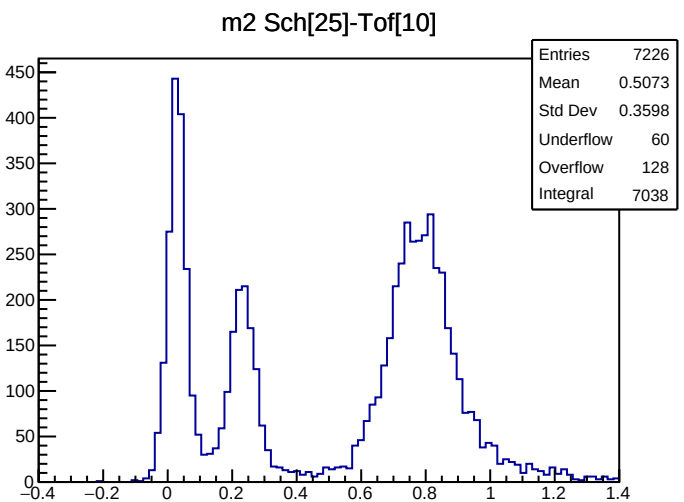

MissMass Sigma Sch[25]-Tof[9]
Entries 128
Mean 1.262
Std Dev 0.06817
Underflow 3
Overflow 0
Integral 125

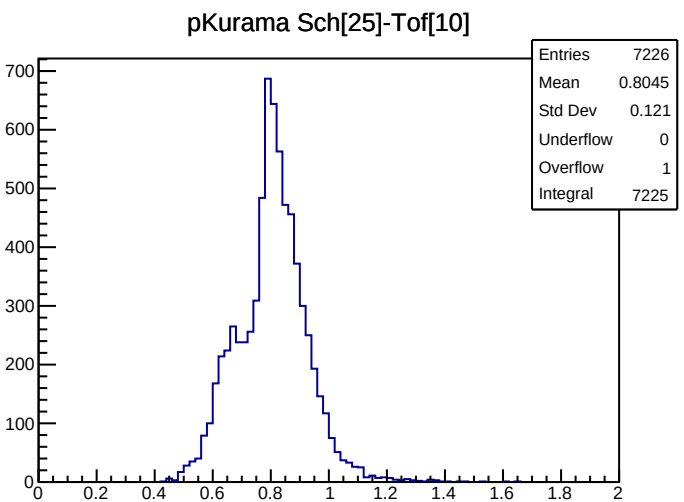

m2 Sch[25]-Tof[9]
Entries 3486
Mean 0.4474
Std Dev 0.3869
Underflow 7
Overflow 68
Integral 3411

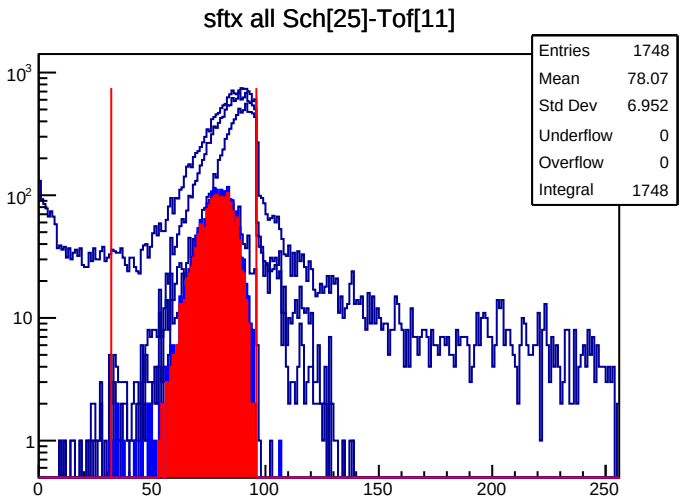

pKurama Sch[25]-Tof[9]
Entries 3486
Mean 0.7298
Std Dev 0.1519
Underflow 0
Overflow 0
Integral 3486

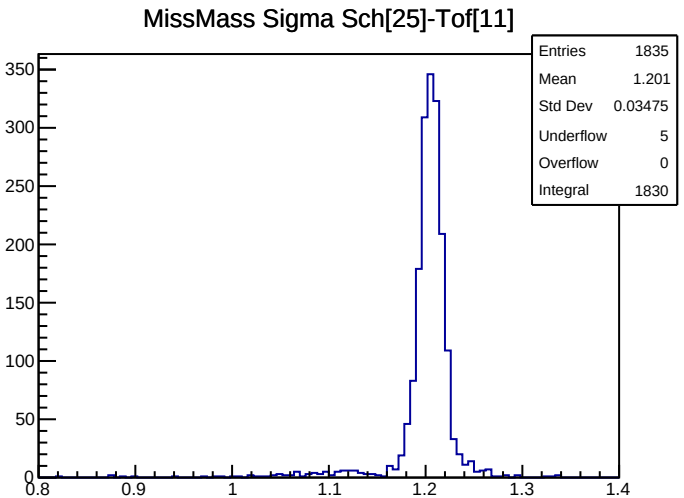

sftx all Sch[25]-Tof[10]
Entries 800
Mean 84.09
Std Dev 7.217
Underflow 0
Overflow 0
Integral 800
10^2
10
1
0
50
100
150
200
250

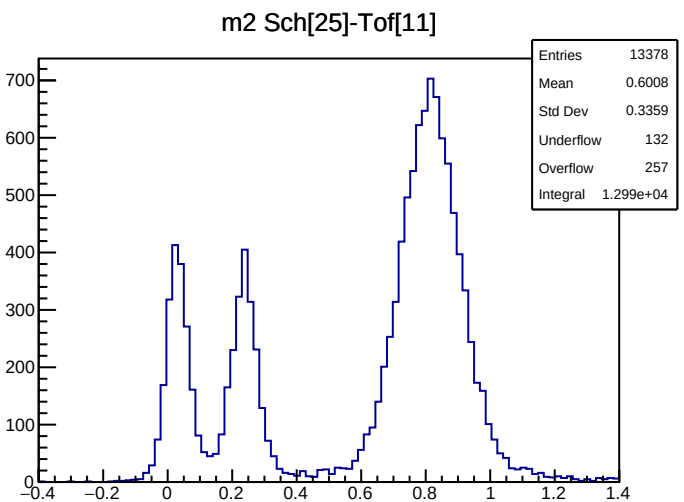

MissMass Sigma Sch[25]-Tof[10]
Entries 849
Mean 1.213
Std Dev 0.04945
Underflow 5
Overflow 0
Integral 844
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4

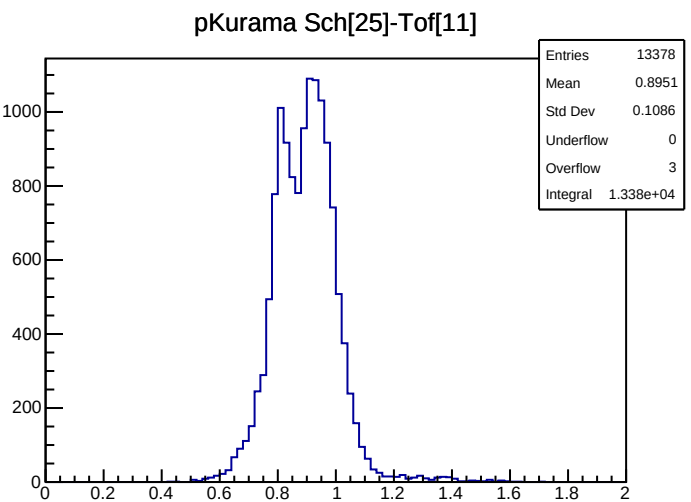

m2 Sch[25]-Tof[10]
Entries 7226
Mean 0.5073
Std Dev 0.3598
Underflow 60
Overflow 128
Integral 7038
450
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

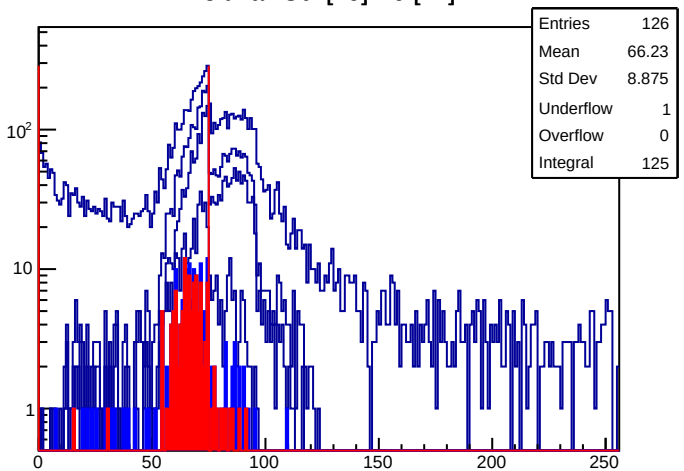

pKurama Sch[25]-Tof[10]
Entries 7226
Mean 0.8045
Std Dev 0.121
Underflow 0
Overflow 1
Integral 7225
700
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

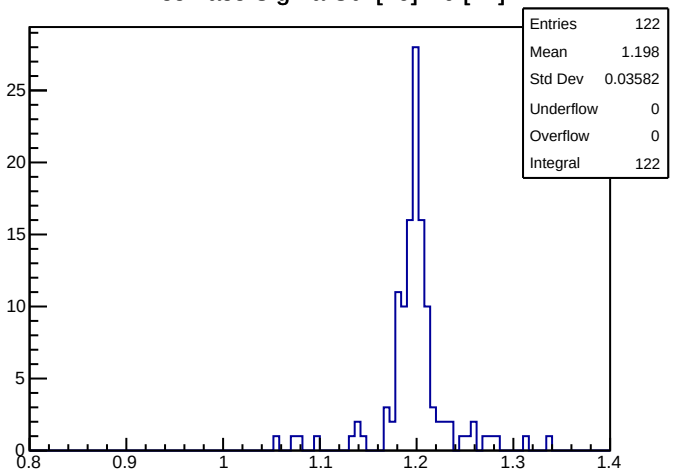

sftx all Sch[25]-Tof[11]
Entries 1748
Mean 78.07
Std Dev 6.952
Underflow 0
Overflow 0
Integral 1748

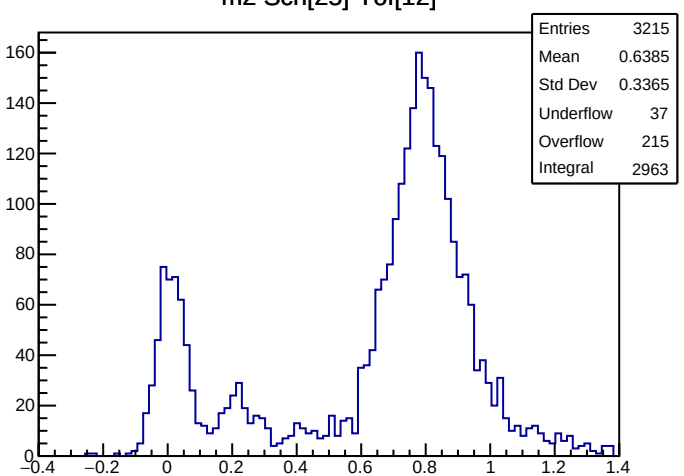

MissMass Sigma Sch[25]-Tof[11]
Entries 1835
Mean 1.201
Std Dev 0.03475
Underflow 5
Overflow 0
Integral 1830

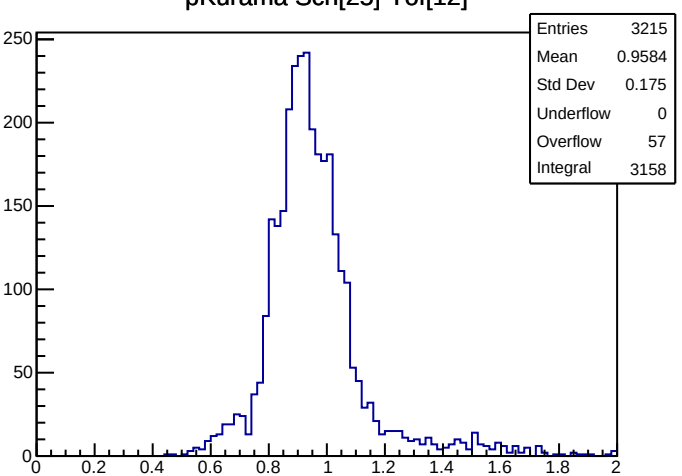

m2 Sch[25]-Tof[11]
Entries 13378
Mean 0.6008
Std Dev 0.3359
Underflow 132
Overflow 257
Integral 1.299e+04

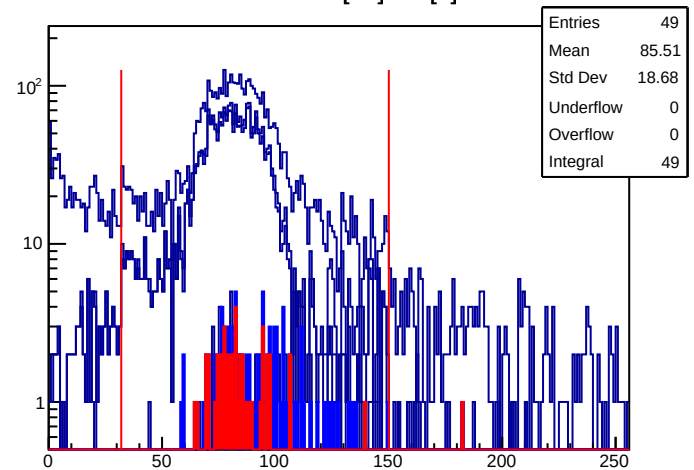

pKurama Sch[25]-Tof[11]
Entries 13378
Mean 0.8951
Std Dev 0.1086
Underflow 0
Overflow 3
Integral 1.338e+04

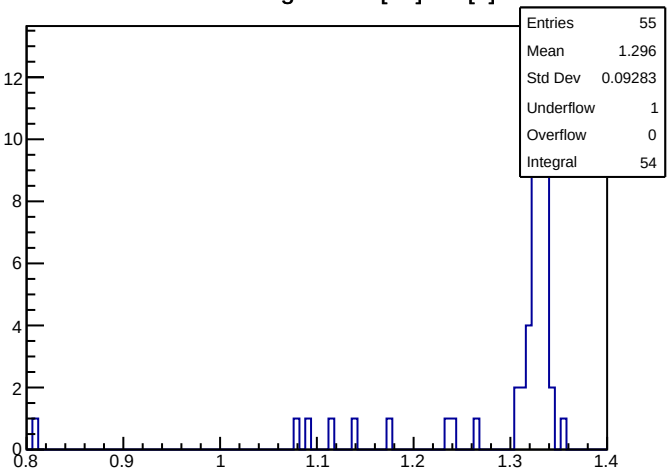

sftx all Sch[25]-Tof[12]
Entries 126
Mean 66.23
Std Dev 8.875
Underflow 1
Overflow 0
Integral 125

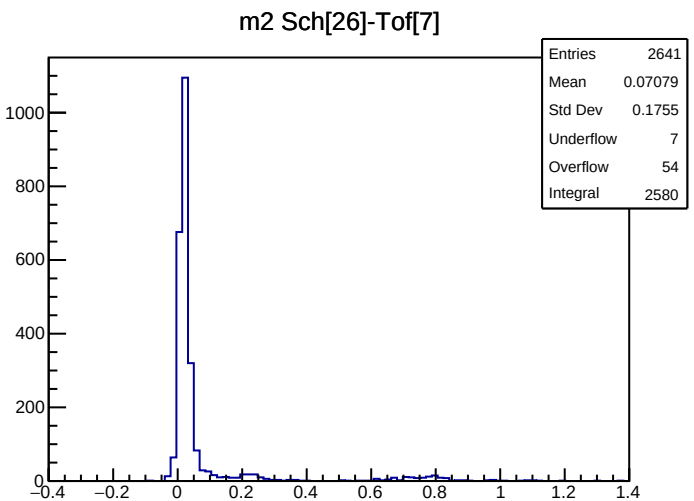

MissMass Sigma Sch[25]-Tof[12]
Entries 122
Mean 1.198
Std Dev 0.03582
Underflow 0
Overflow 0
Integral 122

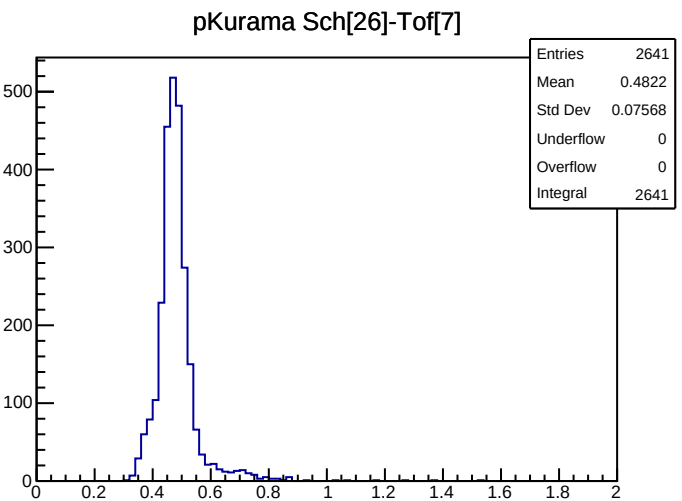

m2 Sch[25]-Tof[12]
Entries 3215
Mean 0.6385
Std Dev 0.3365
Underflow 37
Overflow 215
Integral 2963

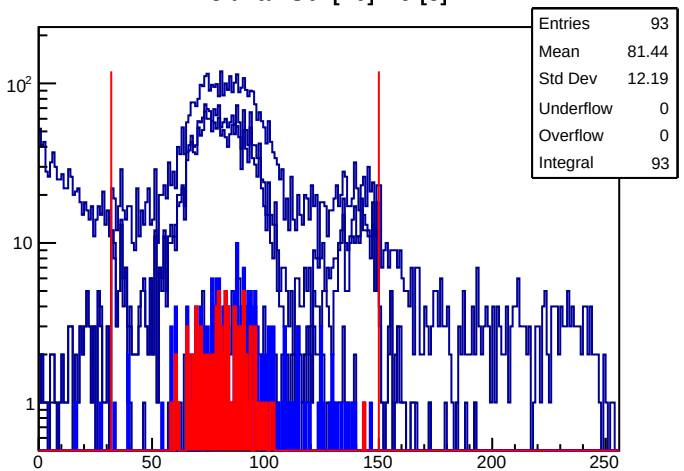

pKurama Sch[25]-Tof[12]
Entries 3215
Mean 0.9584
Std Dev 0.175
Underflow 0
Overflow 57
Integral 3158

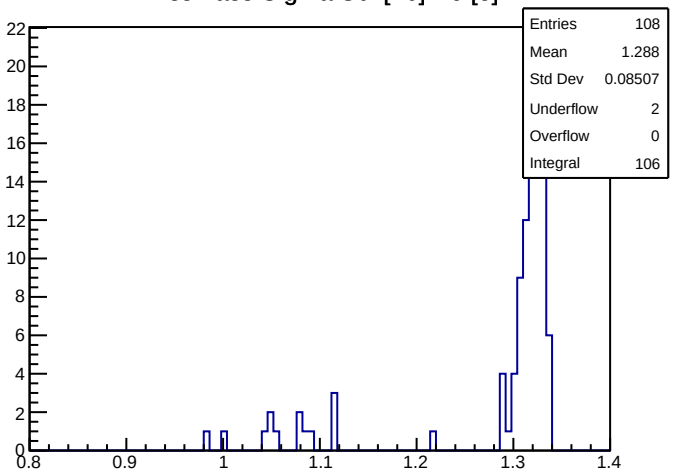

sftx all Sch[26]-Tof[7]
Entries 49
Mean 85.51
Std Dev 18.68
Underflow 0
Overflow 0
Integral 49

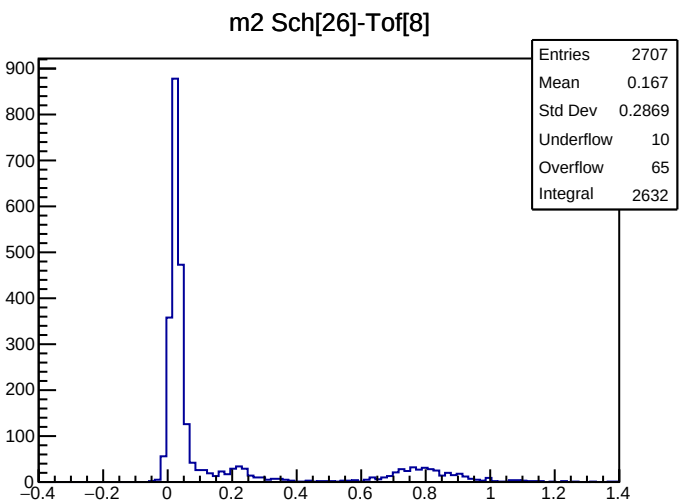

MissMass Sigma Sch[26]-Tof[7]
Entries 55
Mean 1.296
Std Dev 0.09283
Underflow 1
Overflow 0
Integral 54

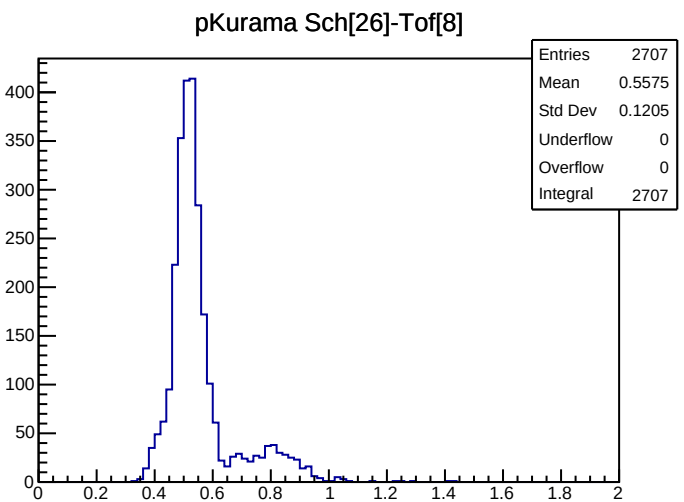

m2 Sch[26]-Tof[7]
Entries 2641
Mean 0.07079
Std Dev 0.1755
Underflow 7
Overflow 54
Integral 2580

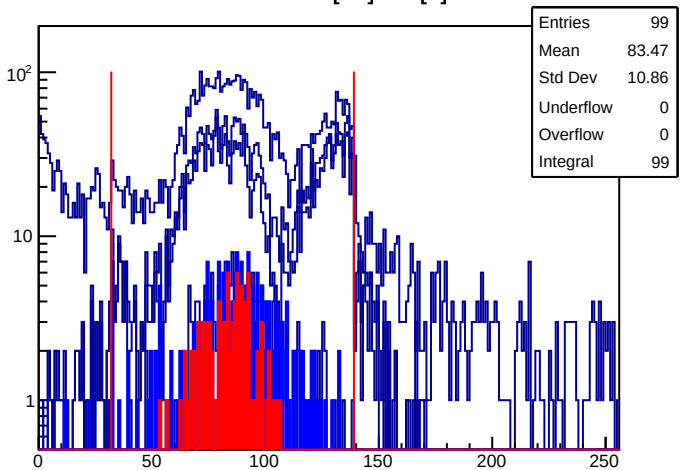

pKurama Sch[26]-Tof[7]
Entries 2641
Mean 0.4822
Std Dev 0.07568
Underflow 0
Overflow 0
Integral 2641

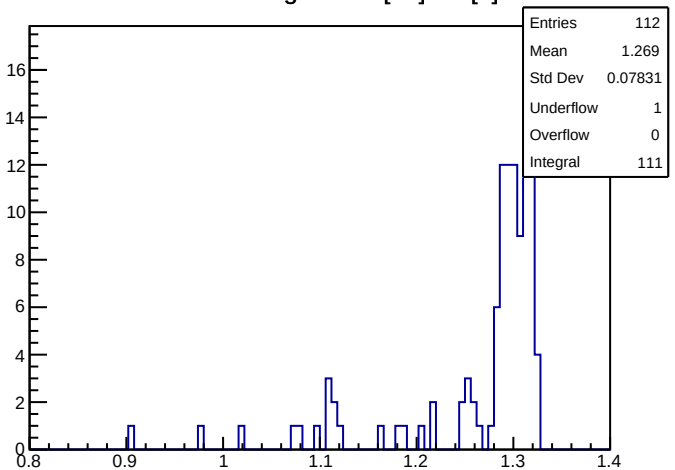

sftx all Sch[26]-Tof[8]
Entries 93
Mean 81.44
Std Dev 12.19
Underflow 0
Overflow 0
Integral 93

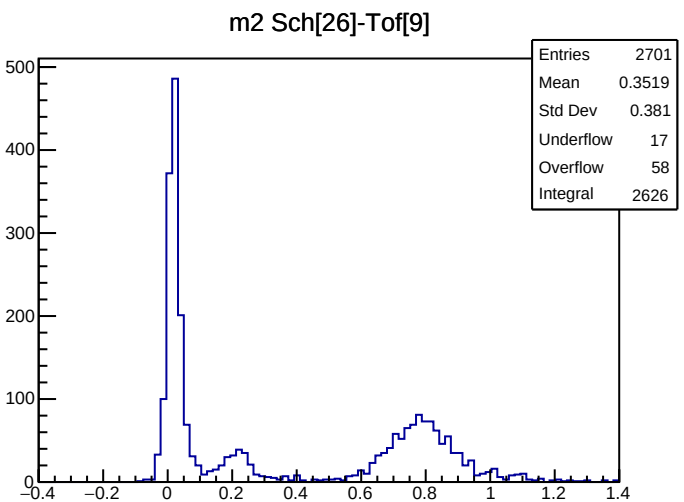

MissMass Sigma Sch[26]-Tof[8]
Entries 108
Mean 1.288
Std Dev 0.08507
Underflow 2
Overflow 0
Integral 106

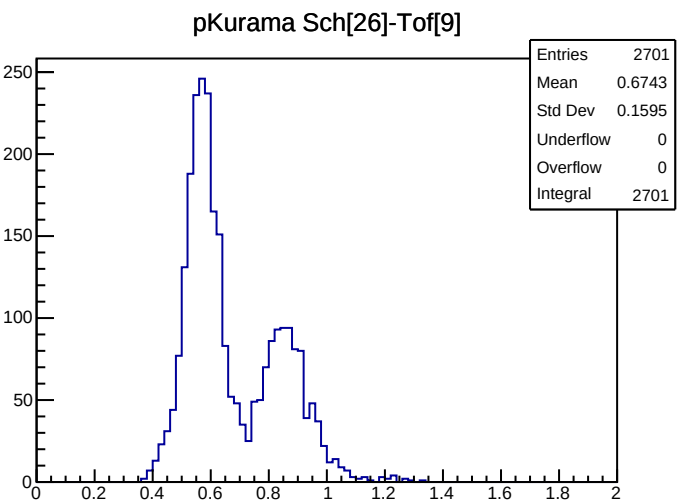

m2 Sch[26]-Tof[8]
Entries 2707
Mean 0.167
Std Dev 0.2869
Underflow 10
Overflow 65
Integral 2632

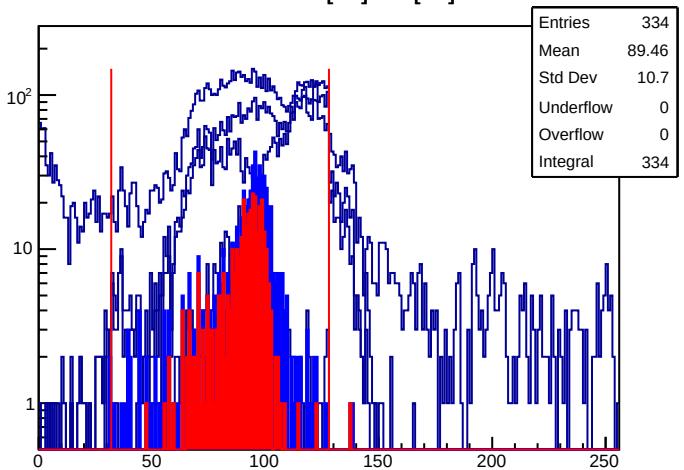

pKurama Sch[26]-Tof[8]
Entries 2707
Mean 0.5575
Std Dev 0.1205
Underflow 0
Overflow 0
Integral 2707

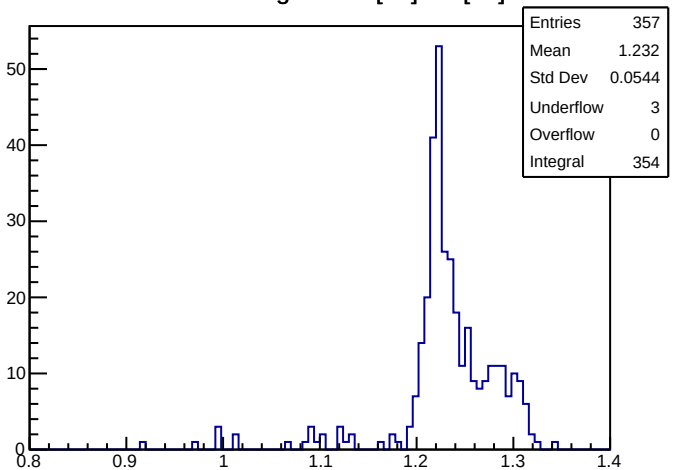

sftx all Sch[26]-Tof[9]
Entries 99
Mean 83.47
Std Dev 10.86
Underflow 0
Overflow 0
Integral 99

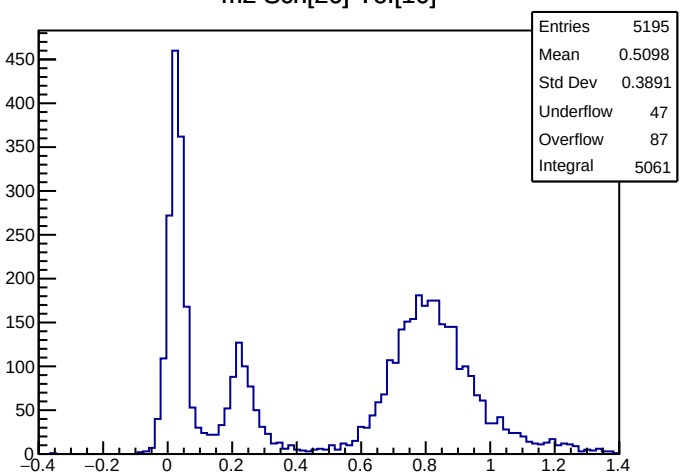

MissMass Sigma Sch[26]-Tof[9]
Entries 112
Mean 1.269
Std Dev 0.07831
Underflow 1
Overflow 0
Integral 111

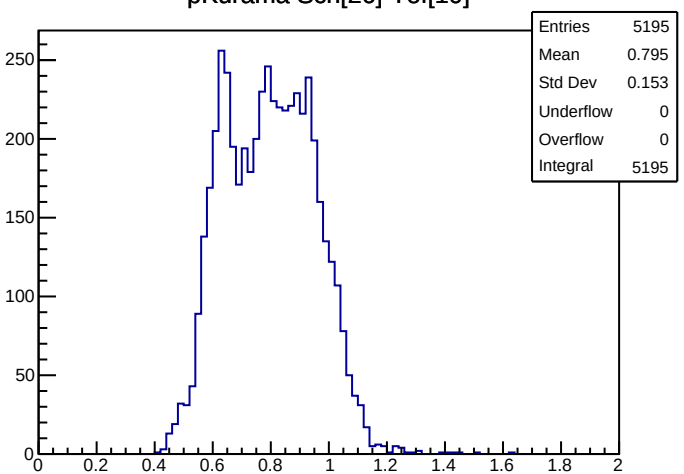

m2 Sch[26]-Tof[9]
Entries 2701
Mean 0.3519
Std Dev 0.381
Underflow 17
Overflow 58
Integral 2626

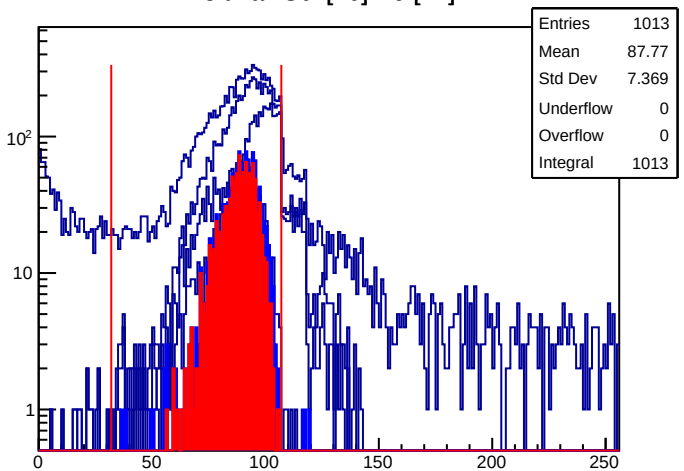

pKurama Sch[26]-Tof[9]
Entries 2701
Mean 0.6743
Std Dev 0.1595
Underflow 0
Overflow 0
Integral 2701

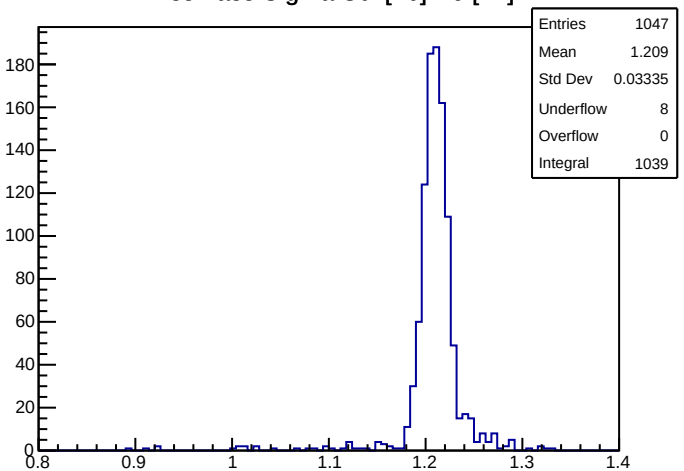

sftx all Sch[26]-Tof[10]
Entries 334
Mean 89.46
Std Dev 10.7
Underflow 0
Overflow 0
Integral 334

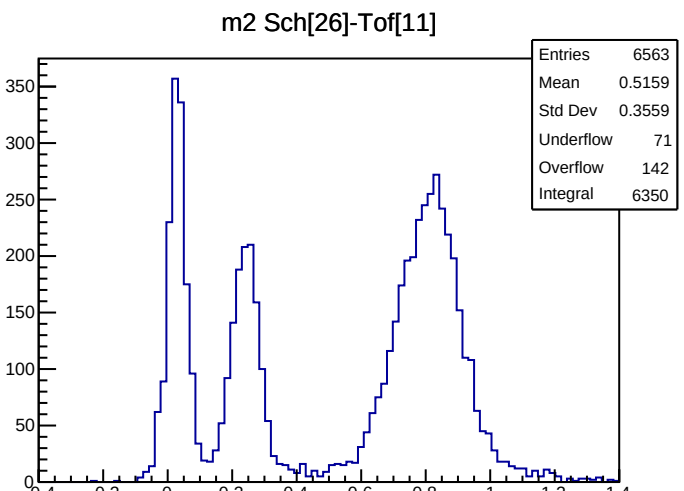

MissMass Sigma Sch[26]-Tof[10]
Entries 357
Mean 1.232
Std Dev 0.0544
Underflow 3
Overflow 0
Integral 354

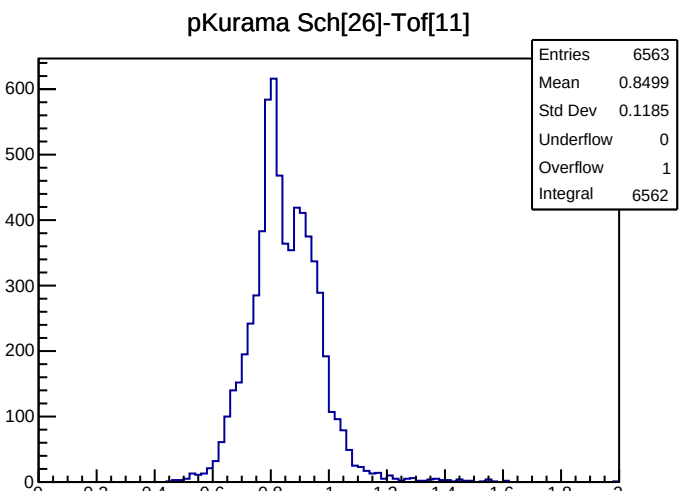

m2 Sch[26]-Tof[10]
Entries 5195
Mean 0.5098
Std Dev 0.3891
Underflow 47
Overflow 87
Integral 5061

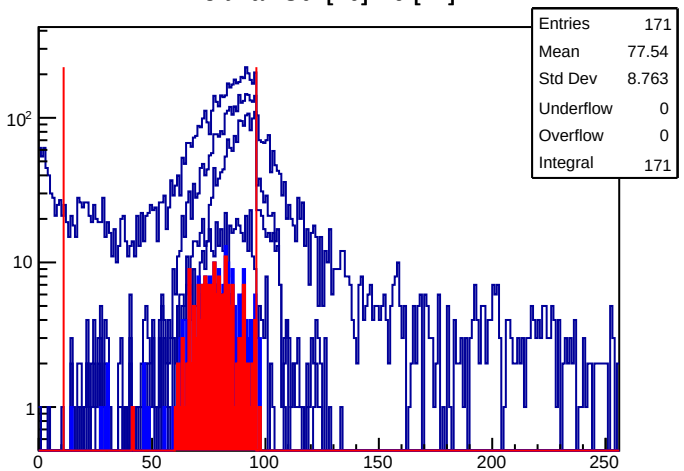

pKurama Sch[26]-Tof[10]
Entries 5195
Mean 0.795
Std Dev 0.153
Underflow 0
Overflow 0
Integral 5195

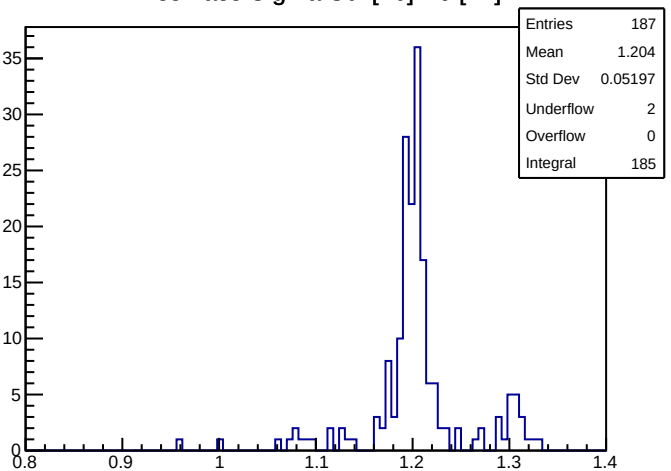

sftx all Sch[26]-Tof[11]
Entries 1013
Mean 87.77
Std Dev 7.369
Underflow 0
Overflow 0
Integral 1013
10²
10
1
0
50
100
150
200
250

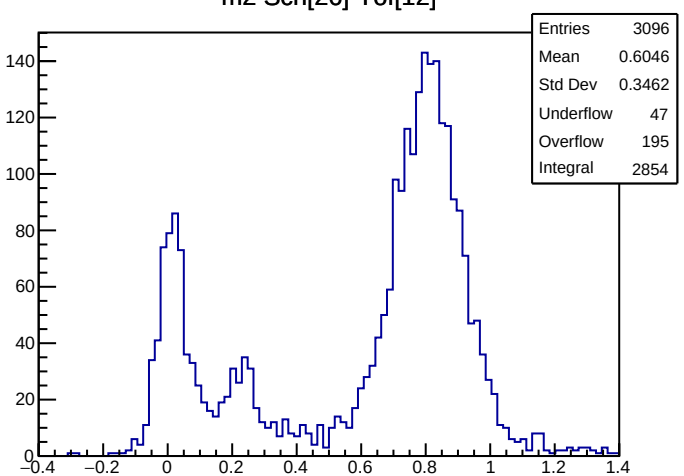

MissMass Sigma Sch[26]-Tof[11]
Entries 1047
Mean 1.209
Std Dev 0.03335
Underflow 8
Overflow 0
Integral 1039
180
160
140
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4

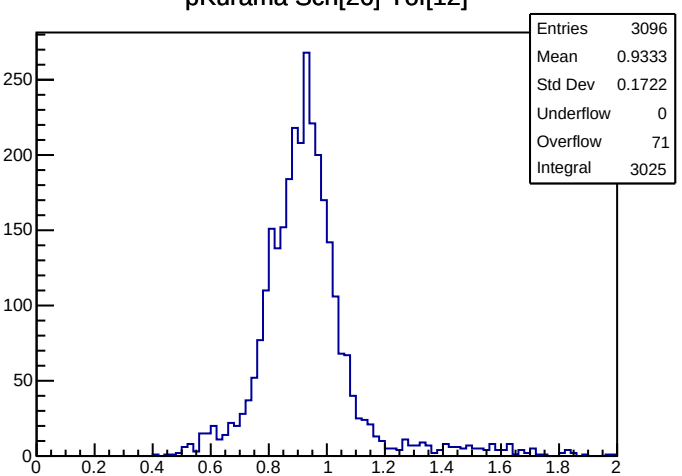

m2 Sch[26]-Tof[11]
Entries 6563
Mean 0.5159
Std Dev 0.3559
Underflow 71
Overflow 142
Integral 6350
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

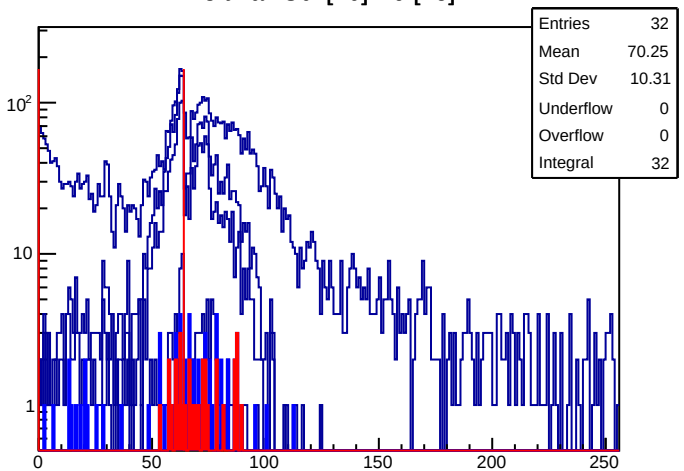

pKurama Sch[26]-Tof[11]
Entries 6563
Mean 0.8499
Std Dev 0.1185
Underflow 0
Overflow 1
Integral 6562
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

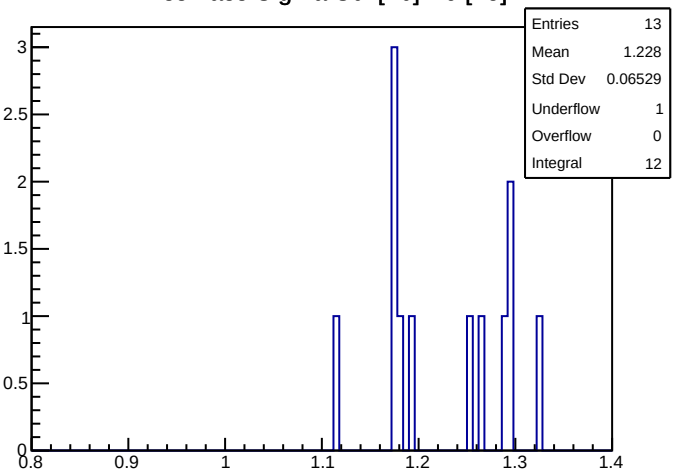

sftx all Sch[26]-Tof[12]
Entries 171
Mean 77.54
Std Dev 8.763
Underflow 0
Overflow 0
Integral 171

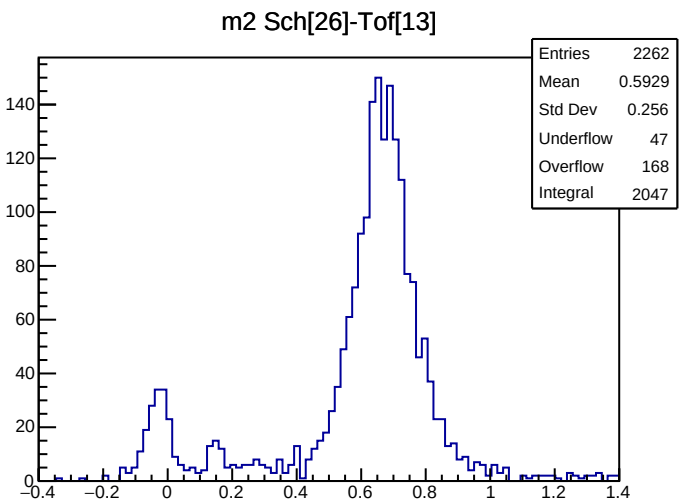

MissMass Sigma Sch[26]-Tof[12]
Entries 187
Mean 1.204
Std Dev 0.05197
Underflow 2
Overflow 0
Integral 185

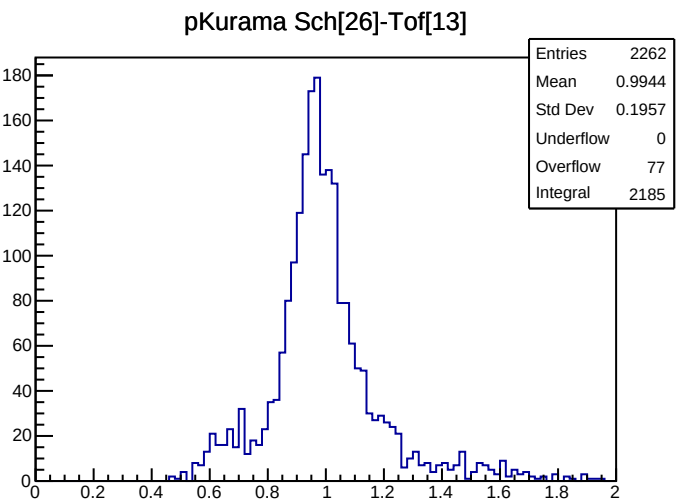

m2 Sch[26]-Tof[12]
Entries 3096
Mean 0.6046
Std Dev 0.3462
Underflow 47
Overflow 195
Integral 2854

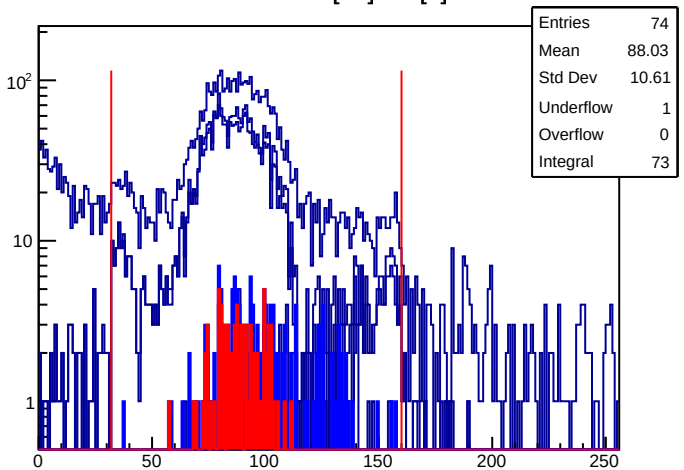

pKurama Sch[26]-Tof[12]
Entries 3096
Mean 0.9333
Std Dev 0.1722
Underflow 0
Overflow 71
Integral 3025

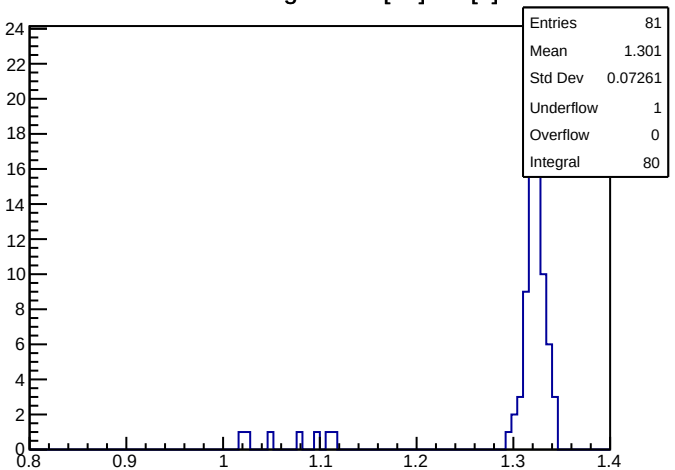

sftx all Sch[26]-Tof[13]
Entries 32
Mean 70.25
Std Dev 10.31
Underflow 0
Overflow 0
Integral 32

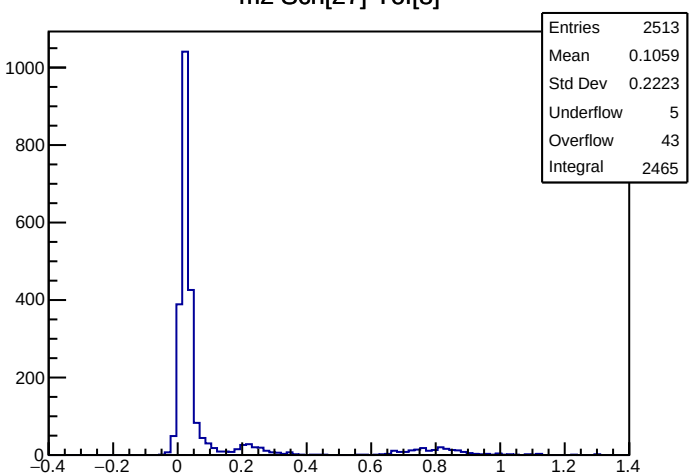

MissMass Sigma Sch[26]-Tof[13]
Entries 13
Mean 1.228
Std Dev 0.06529
Underflow 1
Overflow 0
Integral 12

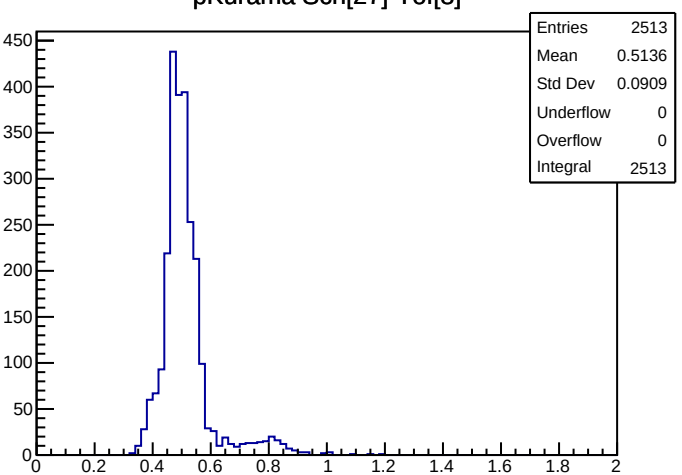

m2 Sch[26]-Tof[13]
Entries 2262
Mean 0.5929
Std Dev 0.256
Underflow 47
Overflow 168
Integral 2047

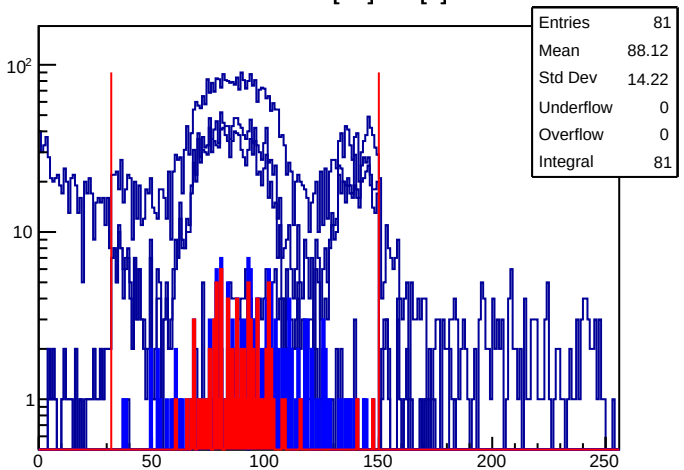

pKurama Sch[26]-Tof[13]
Entries 2262
Mean 0.9944
Std Dev 0.1957
Underflow 0
Overflow 77
Integral 2185

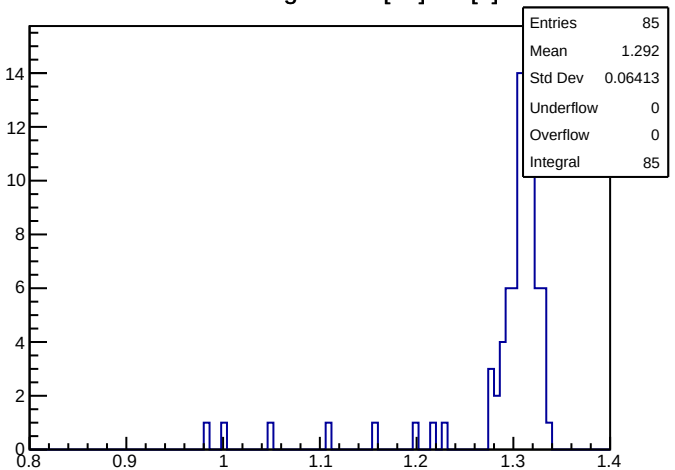

sftx all Sch[27]-Tof[8]
Entries 74
Mean 88.03
Std Dev 10.61
Underflow 1
Overflow 0
Integral 73

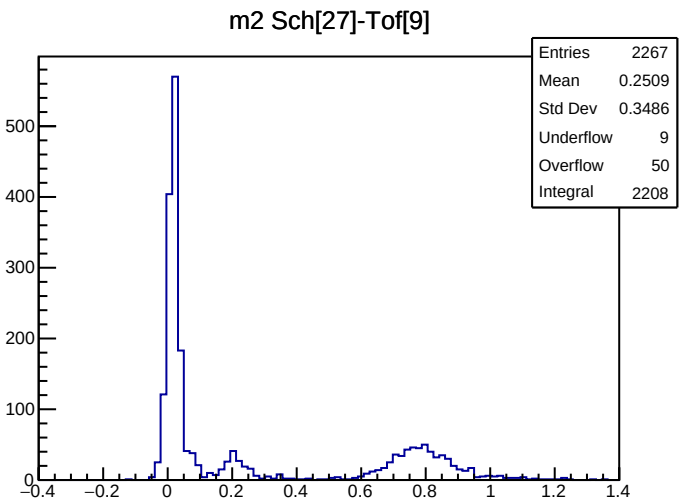

MissMass Sigma Sch[27]-Tof[8]
Entries 81
Mean 1.301
Std Dev 0.07261
Underflow 1
Overflow 0
Integral 80

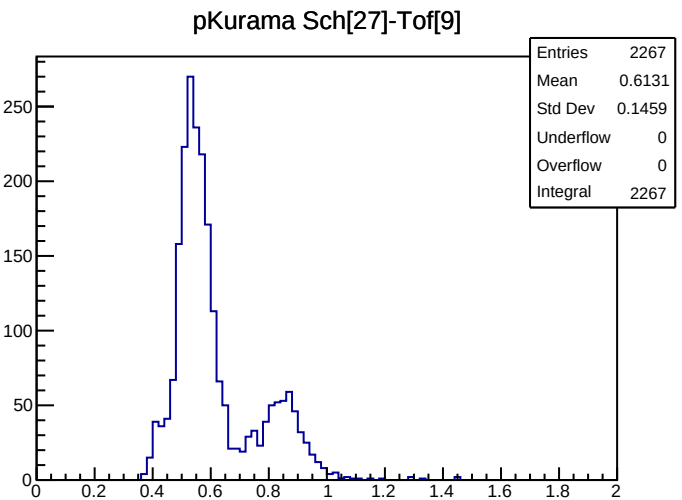

m2 Sch[27]-Tof[8]
Entries 2513
Mean 0.1059
Std Dev 0.2223
Underflow 5
Overflow 43
Integral 2465

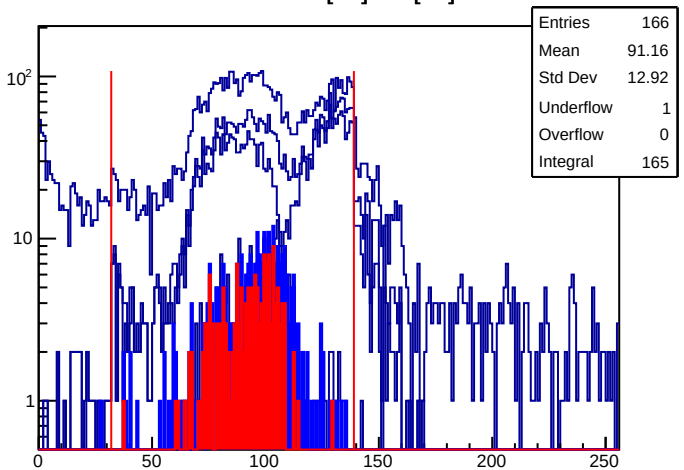

pKurama Sch[27]-Tof[8]
Entries 2513
Mean 0.5136
Std Dev 0.0909
Underflow 0
Overflow 0
Integral 2513

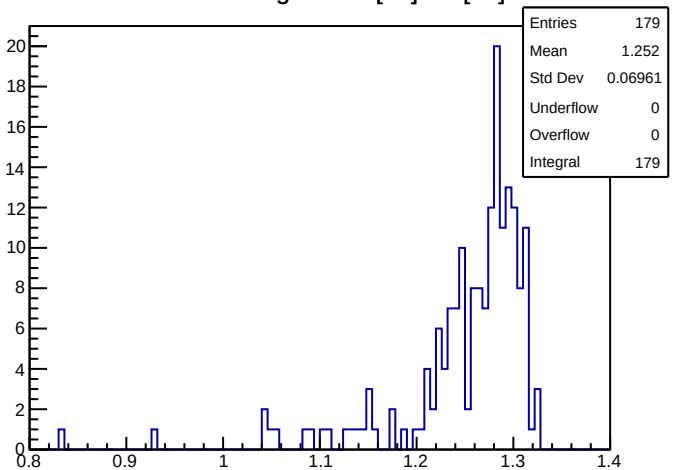

sftx all Sch[27]-Tof[9]
Entries 81
Mean 88.12
Std Dev 14.22
Underflow 0
Overflow 0
Integral 81

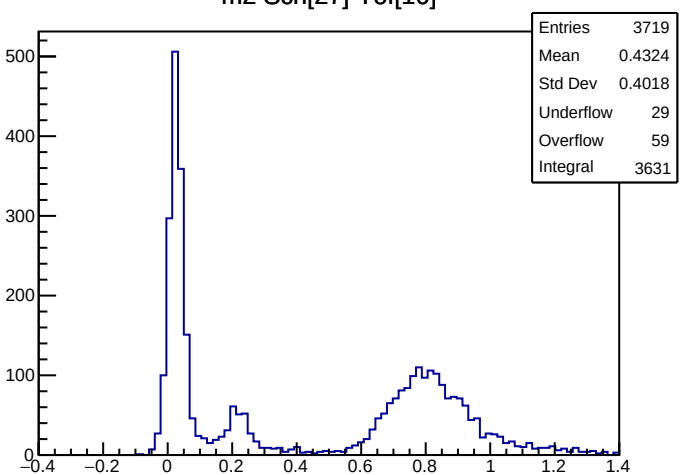

MissMass Sigma Sch[27]-Tof[9]
Entries 85
Mean 1.292
Std Dev 0.06413
Underflow 0
Overflow 0
Integral 85

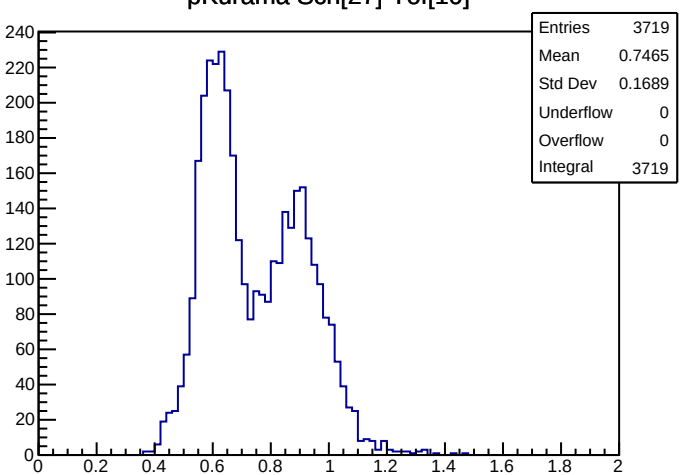

m2 Sch[27]-Tof[9]
Entries 2267
Mean 0.2509
Std Dev 0.3486
Underflow 9
Overflow 50
Integral 2208

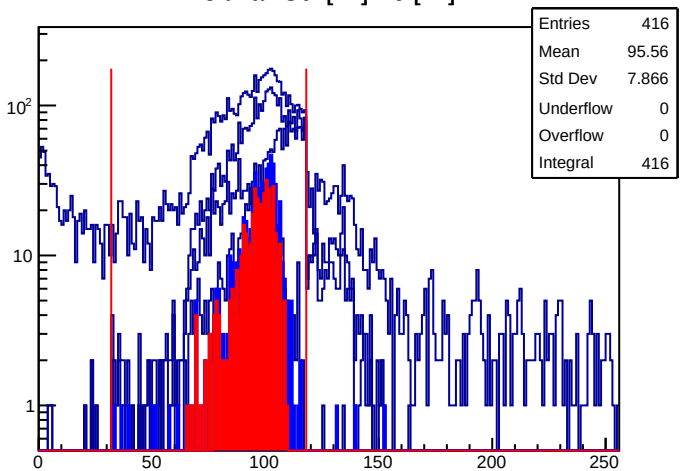

pKurama Sch[27]-Tof[9]
Entries 2267
Mean 0.6131
Std Dev 0.1459
Underflow 0
Overflow 0
Integral 2267

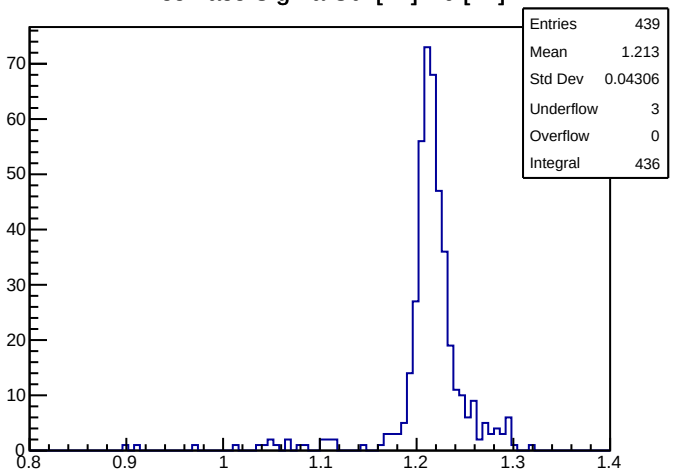

sftx all Sch[27]-Tof[10]
Entries 166
Mean 91.16
Std Dev 12.92
Underflow 1
Overflow 0
Integral 165

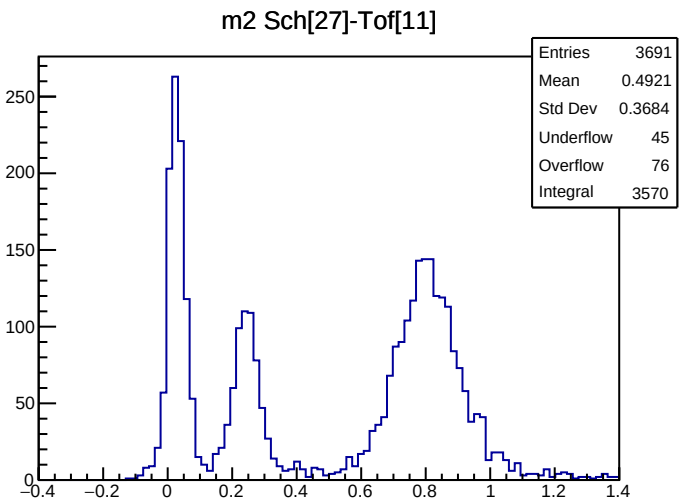

MissMass Sigma Sch[27]-Tof[10]
Entries 179
Mean 1.252
Std Dev 0.06961
Underflow 0
Overflow 0
Integral 179

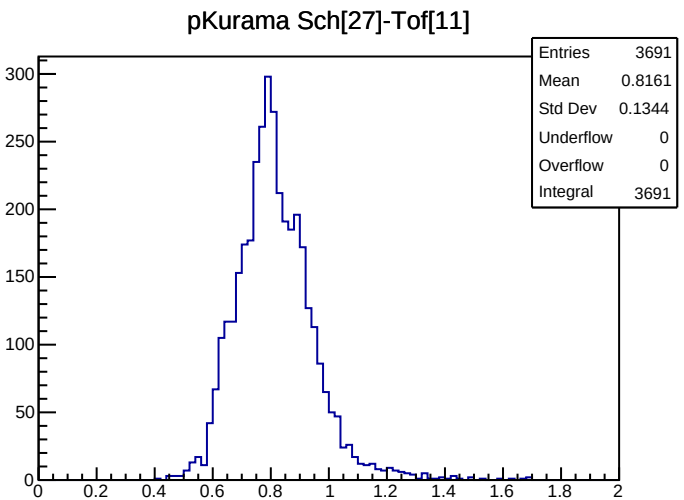

m2 Sch[27]-Tof[10]
Entries 3719
Mean 0.4324
Std Dev 0.4018
Underflow 29
Overflow 59
Integral 3631

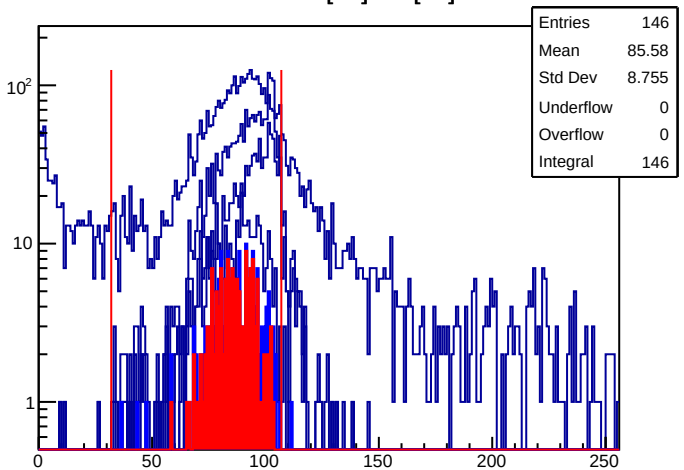

pKurama Sch[27]-Tof[10]
Entries 3719
Mean 0.7465
Std Dev 0.1689
Underflow 0
Overflow 0
Integral 3719

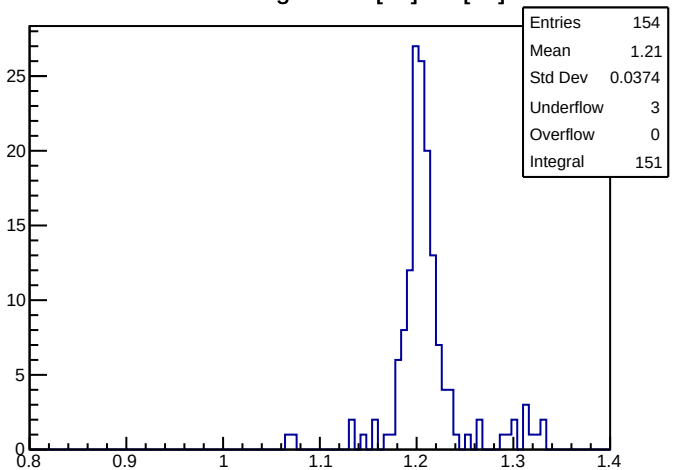

sftx all Sch[27]-Tof[11]
Entries 416
Mean 95.56
Std Dev 7.866
Underflow 0
Overflow 0
Integral 416

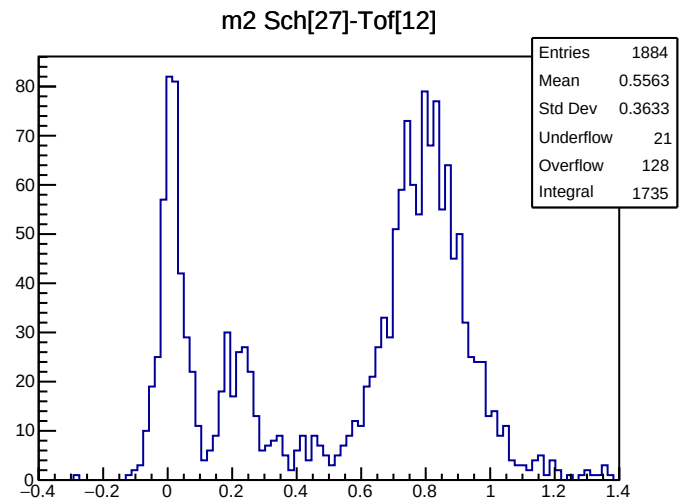

MissMass Sigma Sch[27]-Tof[11]
Entries 439
Mean 1.213
Std Dev 0.04306
Underflow 3
Overflow 0
Integral 436

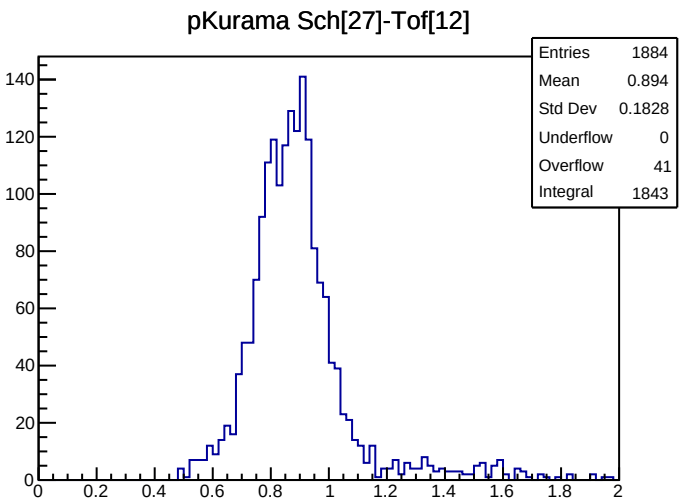

m2 Sch[27]-Tof[11]
Entries 3691
Mean 0.4921
Std Dev 0.3684
Underflow 45
Overflow 76
Integral 3570

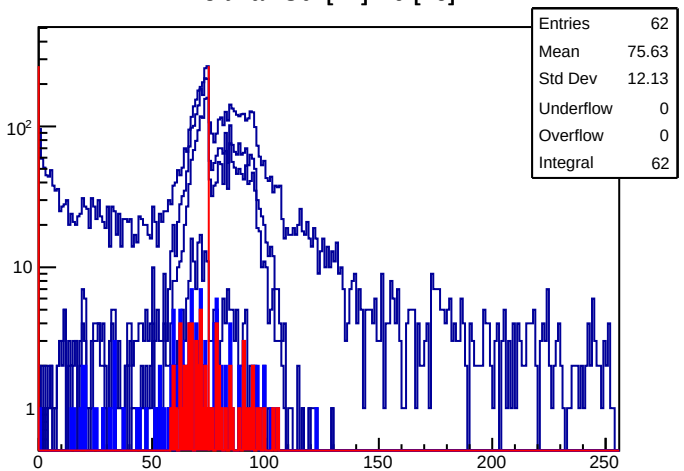

pKurama Sch[27]-Tof[11]
Entries 3691
Mean 0.8161
Std Dev 0.1344
Underflow 0
Overflow 0
Integral 3691

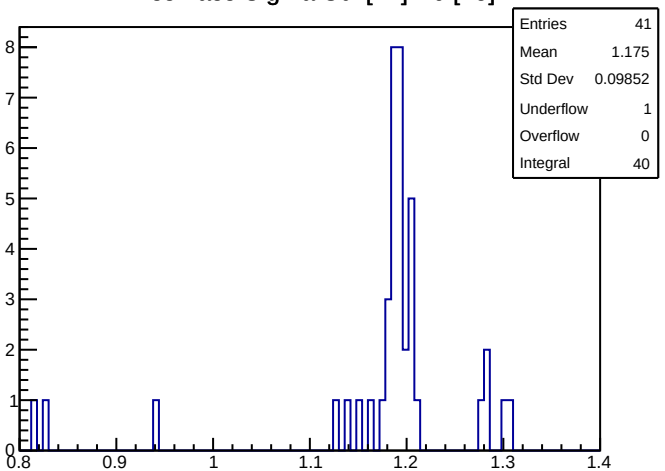

sftx all Sch[27]-Tof[12]
Entries 146
Mean 85.58
Std Dev 8.755
Underflow 0
Overflow 0
Integral 146

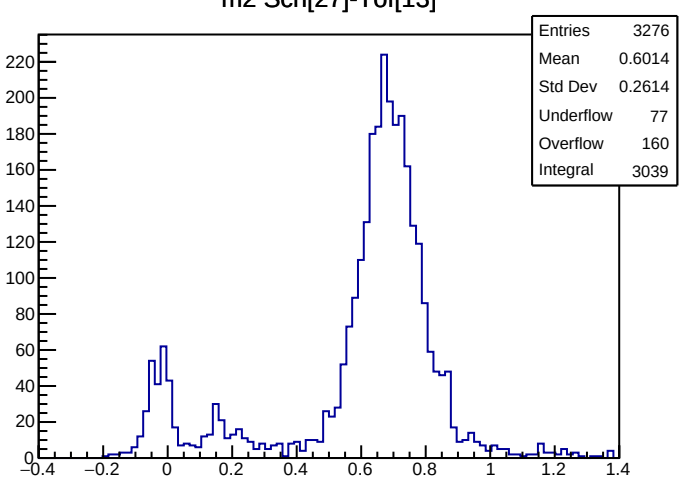

MissMass Sigma Sch[27]-Tof[12]
Entries 154
Mean 1.21
Std Dev 0.0374
Underflow 3
Overflow 0
Integral 151

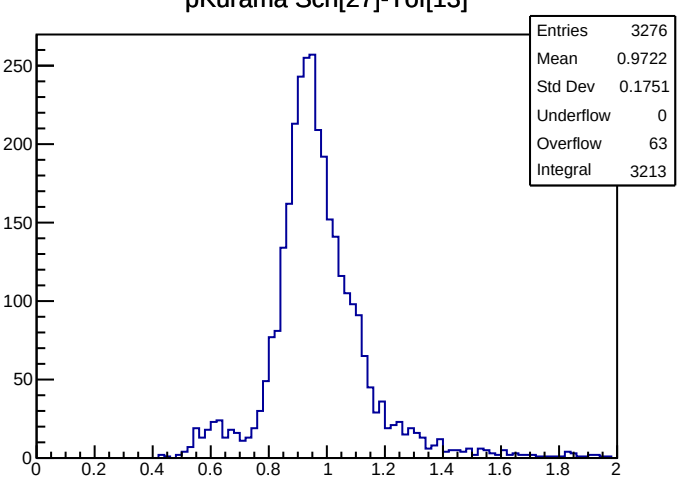

m2 Sch[27]-Tof[12]
Entries 1884
Mean 0.5563
Std Dev 0.3633
Underflow 21
Overflow 128
Integral 1735

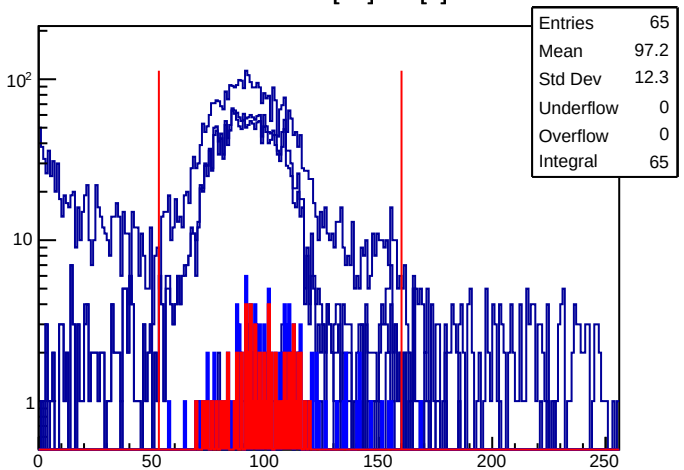

pKurama Sch[27]-Tof[12]
Entries 1884
Mean 0.894
Std Dev 0.1828
Underflow 0
Overflow 41
Integral 1843

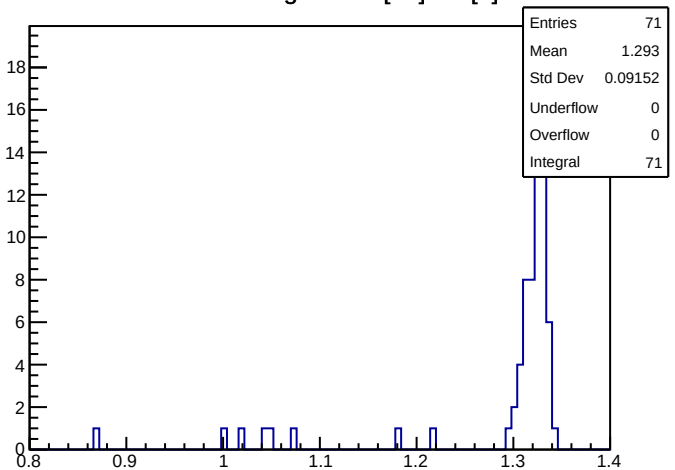

sftx all Sch[27]-Tof[13]
Entries 62
Mean 75.63
Std Dev 12.13
Underflow 0
Overflow 0
Integral 62
10²
10
1
0
50
100
150
200
250

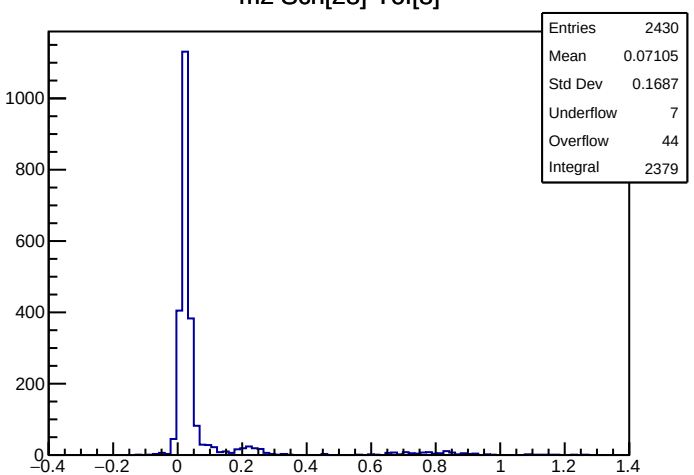

MissMass Sigma Sch[27]-Tof[13]
Entries 41
Mean 1.175
Std Dev 0.09852
Underflow 1
Overflow 0
Integral 40
8
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

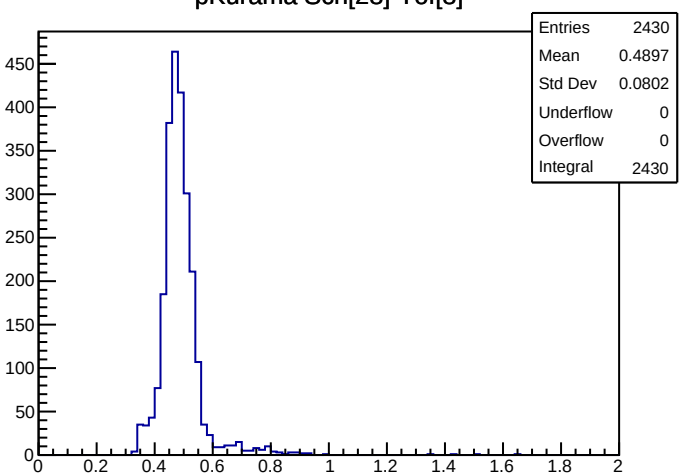

m2 Sch[27]-Tof[13]
Entries 3276
Mean 0.6014
Std Dev 0.2614
Underflow 77
Overflow 160
Integral 3039
220
200
180
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

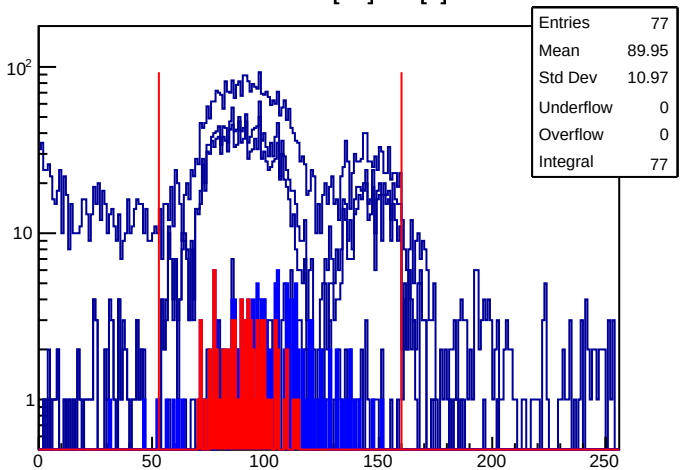

pKurama Sch[27]-Tof[13]
Entries 3276
Mean 0.9722
Std Dev 0.1751
Underflow 0
Overflow 63
Integral 3213
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

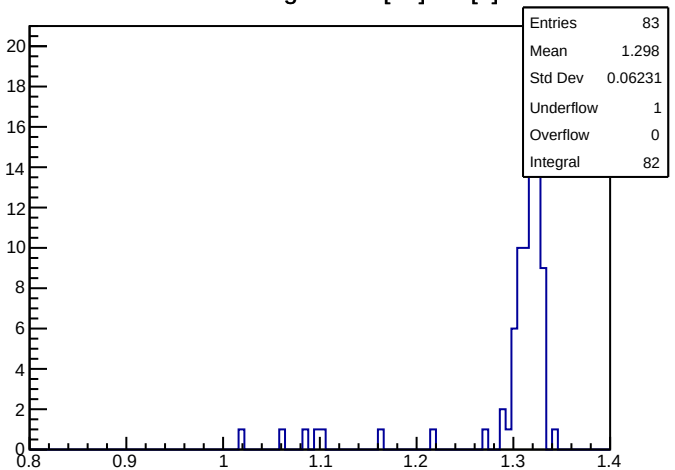

sftx all Sch[28]-Tof[8]
Entries 65
Mean 97.2
Std Dev 12.3
Underflow 0
Overflow 0
Integral 65
10²
10
1
0
50
100
150
200
250

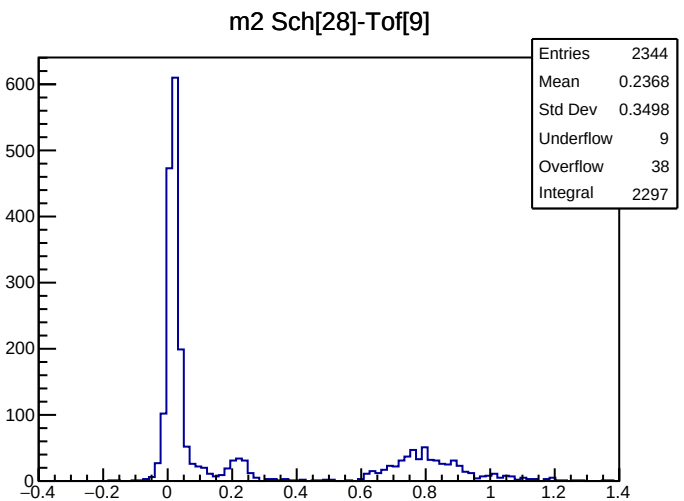

MissMass Sigma Sch[28]-Tof[8]
Entries 71
Mean 1.293
Std Dev 0.09152
Underflow 0
Overflow 0
Integral 71
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

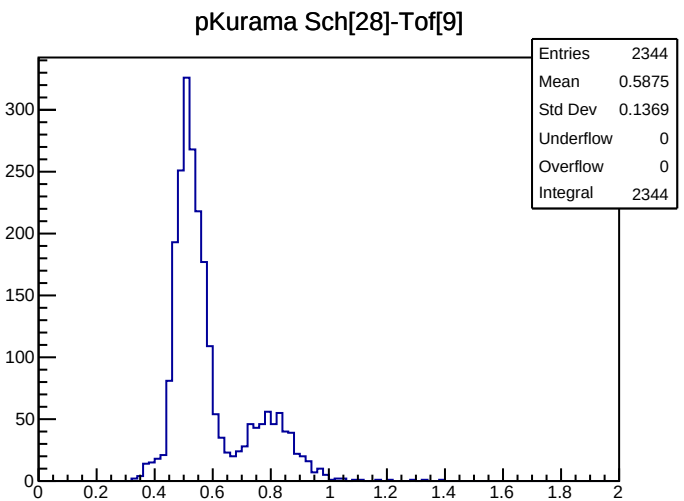

m2 Sch[28]-Tof[8]
Entries 2430
Mean 0.07105
Std Dev 0.1687
Underflow 7
Overflow 44
Integral 2379
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

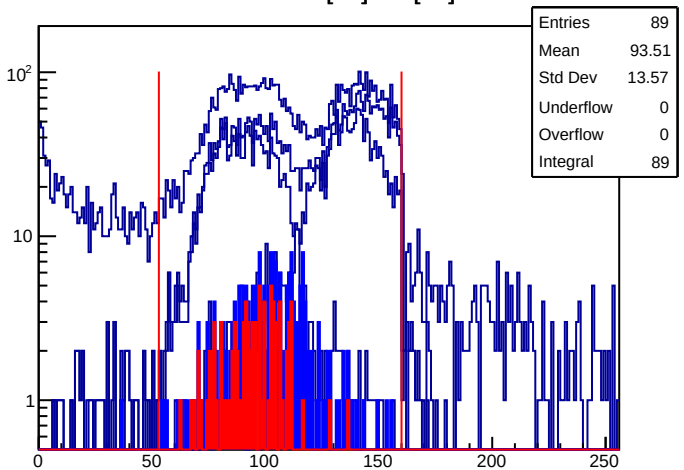

pKurama Sch[28]-Tof[8]
Entries 2430
Mean 0.4897
Std Dev 0.0802
Underflow 0
Overflow 0
Integral 2430
450
400
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

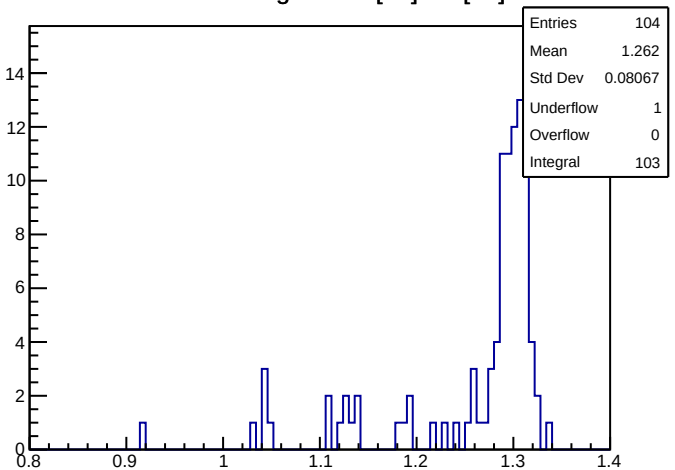

sftx all Sch[28]-Tof[9]
Entries 77
Mean 89.95
Std Dev 10.97
Underflow 0
Overflow 0
Integral 77

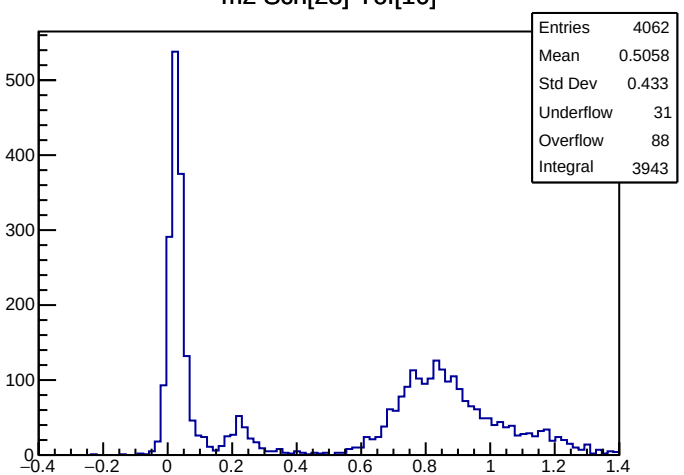

MissMass Sigma Sch[28]-Tof[9]
Entries 83
Mean 1.298
Std Dev 0.06231
Underflow 1
Overflow 0
Integral 82

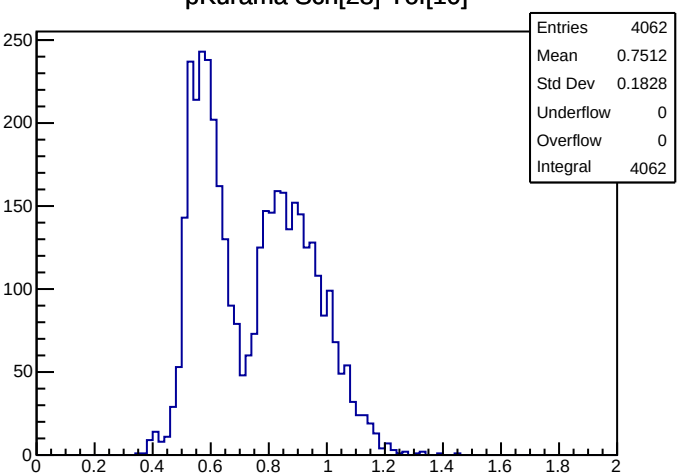

m2 Sch[28]-Tof[9]
Entries 2344
Mean 0.2368
Std Dev 0.3498
Underflow 9
Overflow 38
Integral 2297

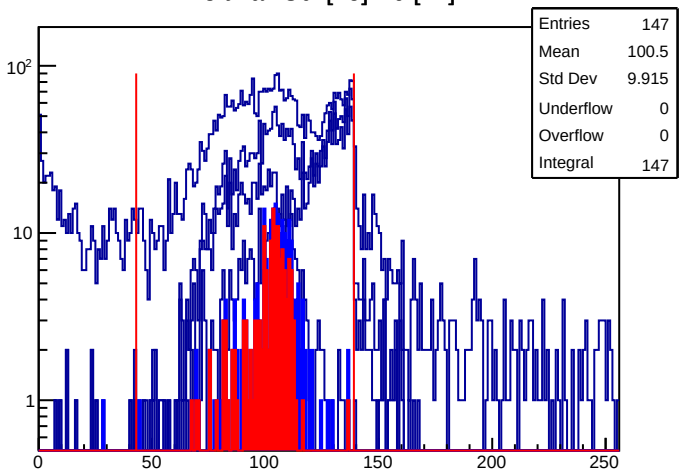

pKurama Sch[28]-Tof[9]
Entries 2344
Mean 0.5875
Std Dev 0.1369
Underflow 0
Overflow 0
Integral 2344

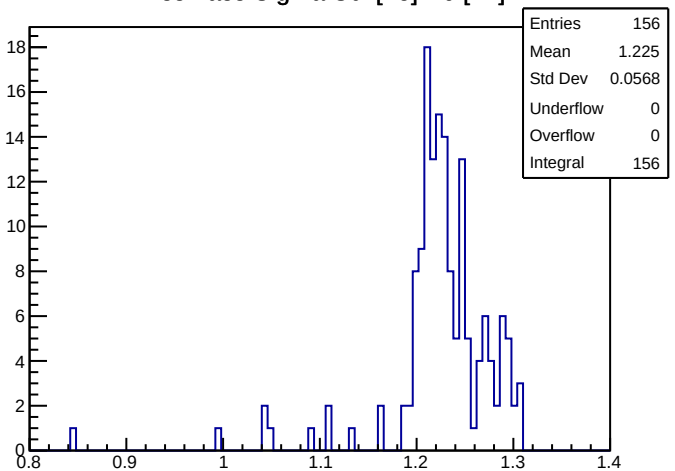

sftx all Sch[28]-Tof[10]
Entries 89
Mean 93.51
Std Dev 13.57
Underflow 0
Overflow 0
Integral 89

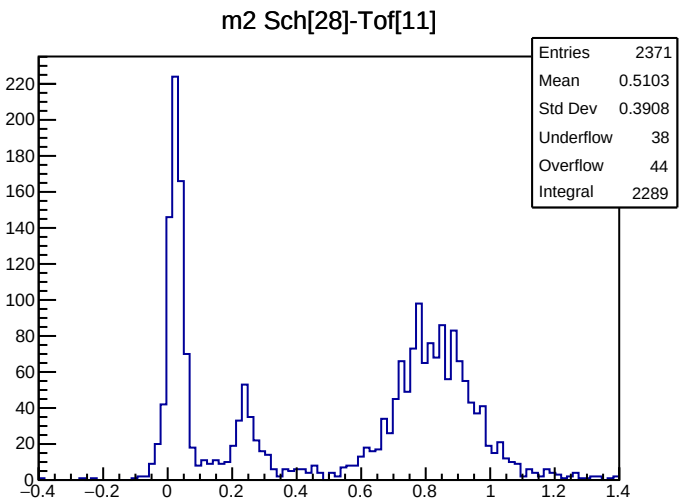

MissMass Sigma Sch[28]-Tof[10]
Entries 104
Mean 1.262
Std Dev 0.08067
Underflow 1
Overflow 0
Integral 103

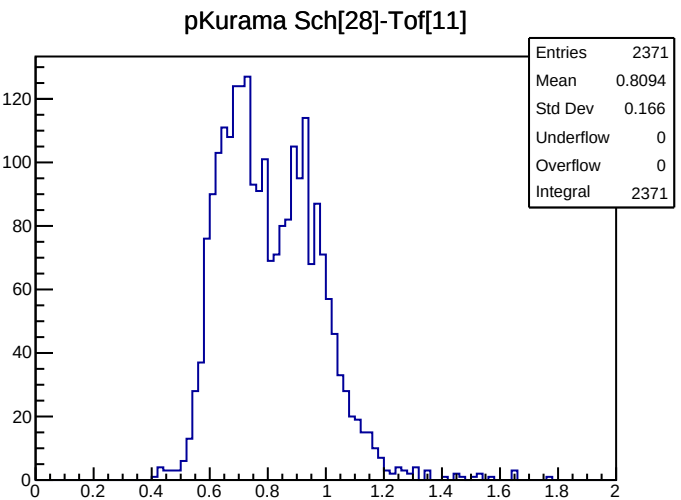

m2 Sch[28]-Tof[10]
Entries 4062
Mean 0.5058
Std Dev 0.433
Underflow 31
Overflow 88
Integral 3943

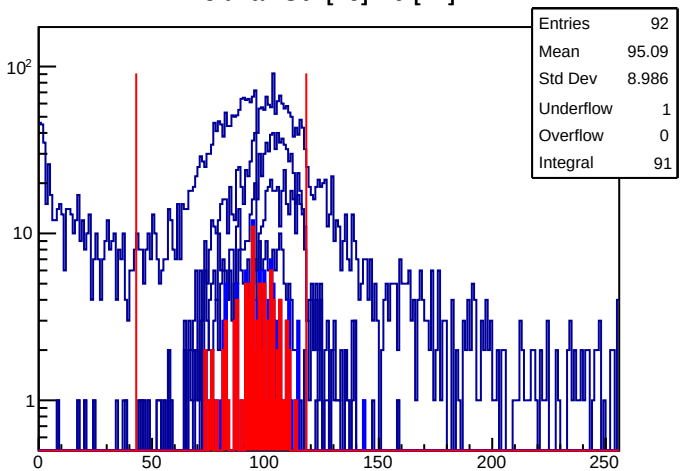

pKurama Sch[28]-Tof[10]
Entries 4062
Mean 0.7512
Std Dev 0.1828
Underflow 0
Overflow 0
Integral 4062

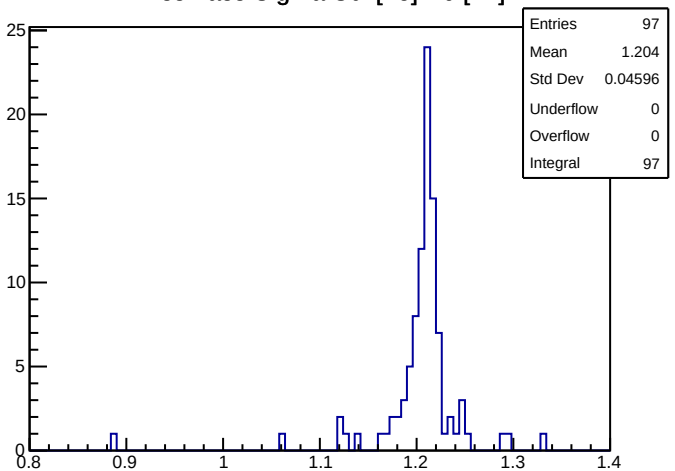

sftx all Sch[28]-Tof[11]
Entries 147
Mean 100.5
Std Dev 9.915
Underflow 0
Overflow 0
Integral 147

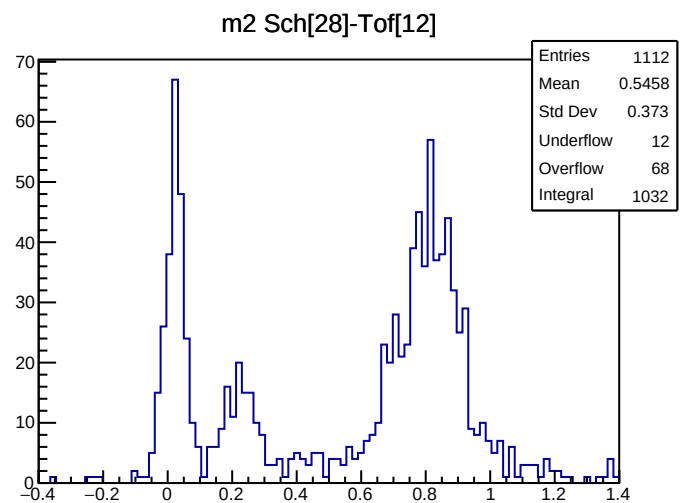

MissMass Sigma Sch[28]-Tof[11]
Entries 156
Mean 1.225
Std Dev 0.0568
Underflow 0
Overflow 0
Integral 156

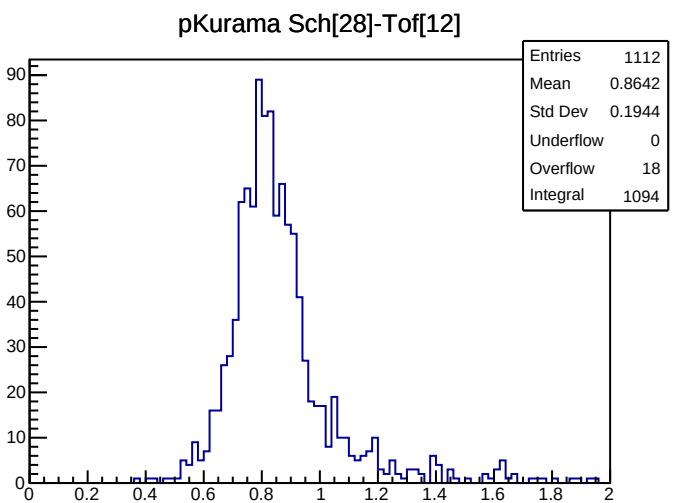

m2 Sch[28]-Tof[11]
Entries 2371
Mean 0.5103
Std Dev 0.3908
Underflow 38
Overflow 44
Integral 2289

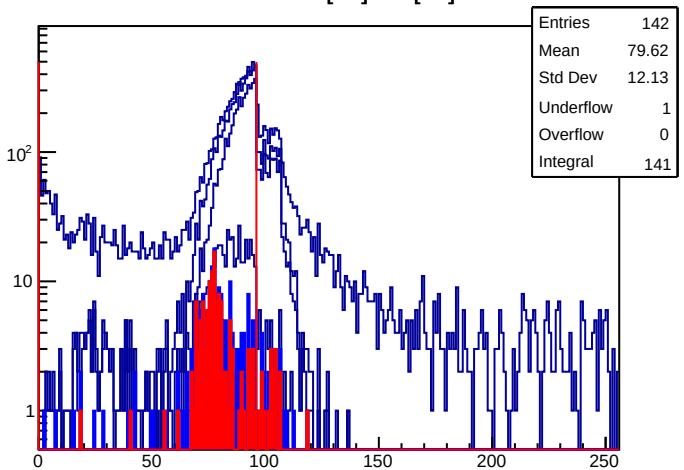

pKurama Sch[28]-Tof[11]
Entries 2371
Mean 0.8094
Std Dev 0.166
Underflow 0
Overflow 0
Integral 2371

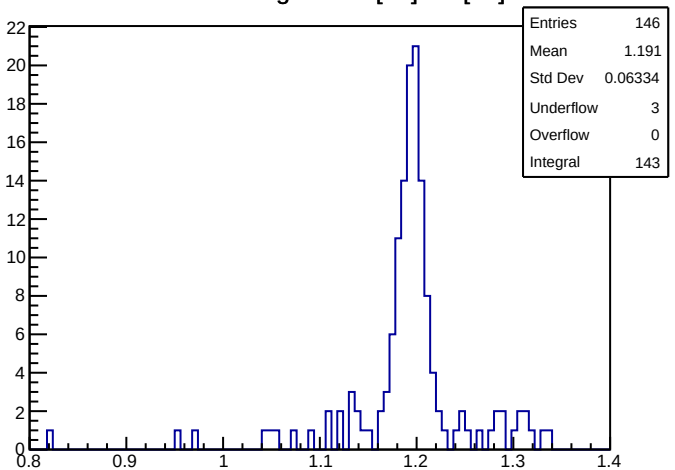

sftx all Sch[28]-Tof[12]
Entries 92
Mean 95.09
Std Dev 8.986
Underflow 1
Overflow 0
Integral 91

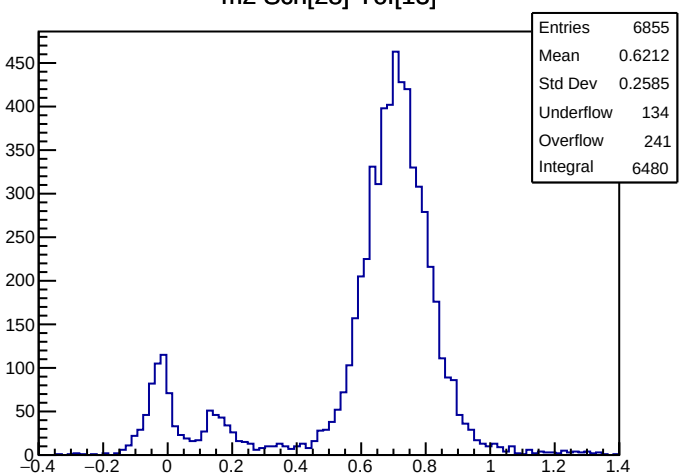

MissMass Sigma Sch[28]-Tof[12]
Entries 97
Mean 1.204
Std Dev 0.04596
Underflow 0
Overflow 0
Integral 97

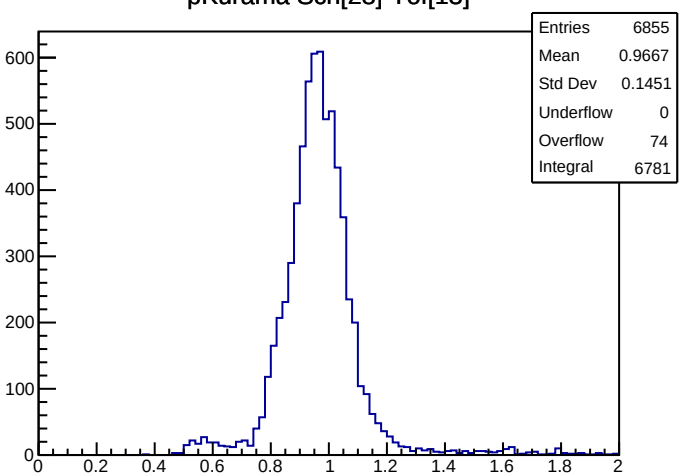

m2 Sch[28]-Tof[12]
Entries 1112
Mean 0.5458
Std Dev 0.373
Underflow 12
Overflow 68
Integral 1032

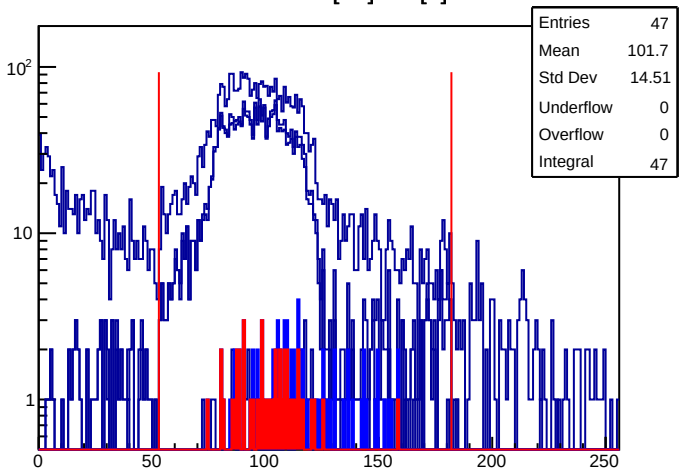

pKurama Sch[28]-Tof[12]
Entries 1112
Mean 0.8642
Std Dev 0.1944
Underflow 0
Overflow 18
Integral 1094

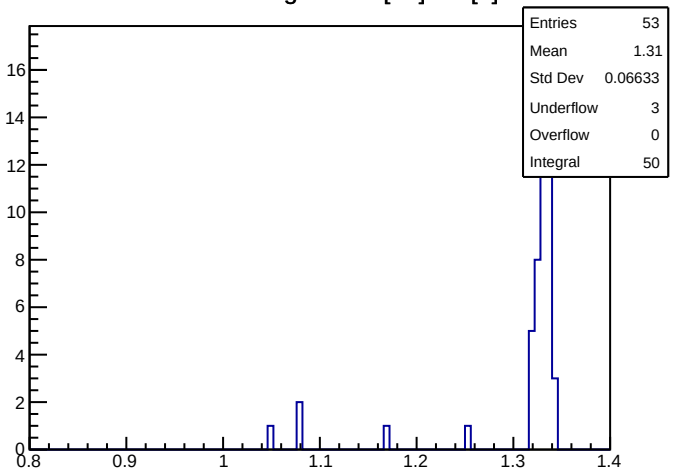

sftx all Sch[28]-Tof[13]
Entries 142
Mean 79.62
Std Dev 12.13
Underflow 1
Overflow 0
Integral 141

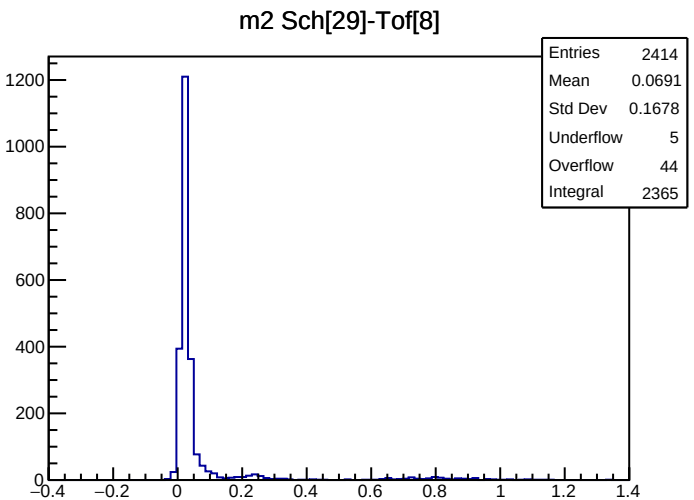

MissMass Sigma Sch[28]-Tof[13]
Entries 146
Mean 1.191
Std Dev 0.06334
Underflow 3
Overflow 0
Integral 143

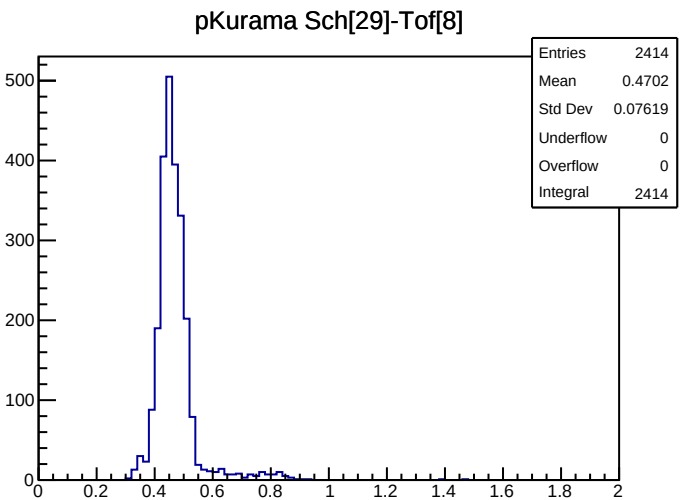

m2 Sch[28]-Tof[13]
Entries 6855
Mean 0.6212
Std Dev 0.2585
Underflow 134
Overflow 241
Integral 6480

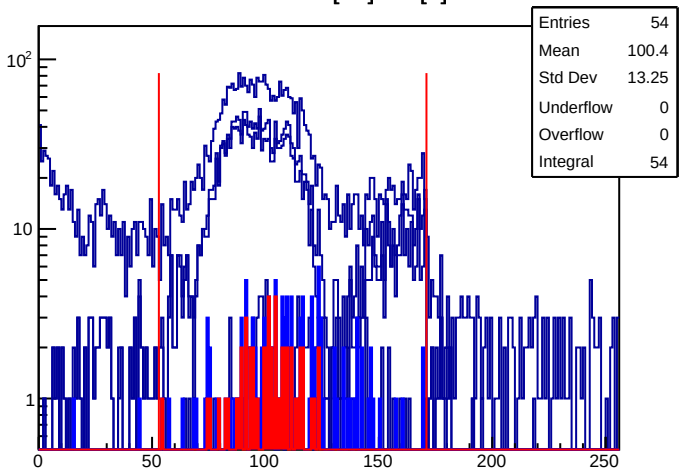

pKurama Sch[28]-Tof[13]
Entries 6855
Mean 0.9667
Std Dev 0.1451
Underflow 0
Overflow 74
Integral 6781

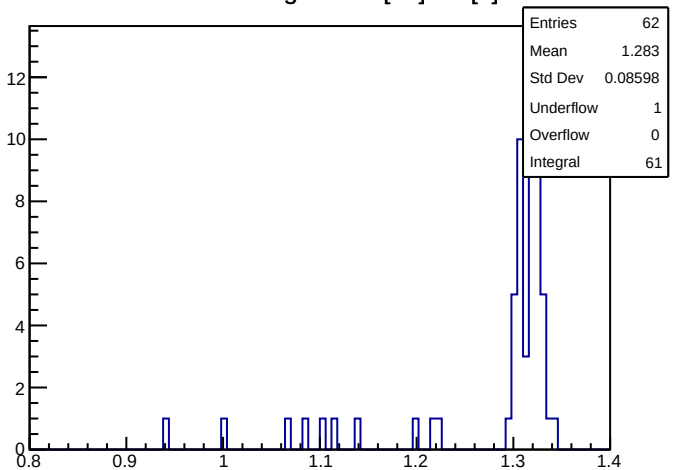

sftx all Sch[29]-Tof[8]
Entries 47
Mean 101.7
Std Dev 14.51
Underflow 0
Overflow 0
Integral 47

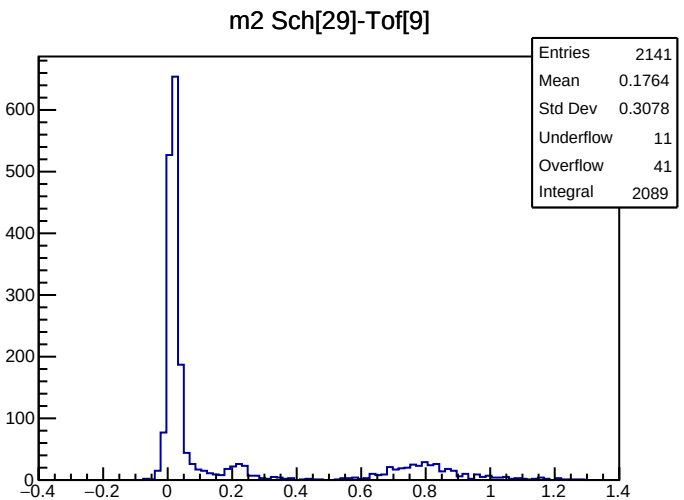

MissMass Sigma Sch[29]-Tof[8]
Entries 53
Mean 1.31
Std Dev 0.06633
Underflow 3
Overflow 0
Integral 50

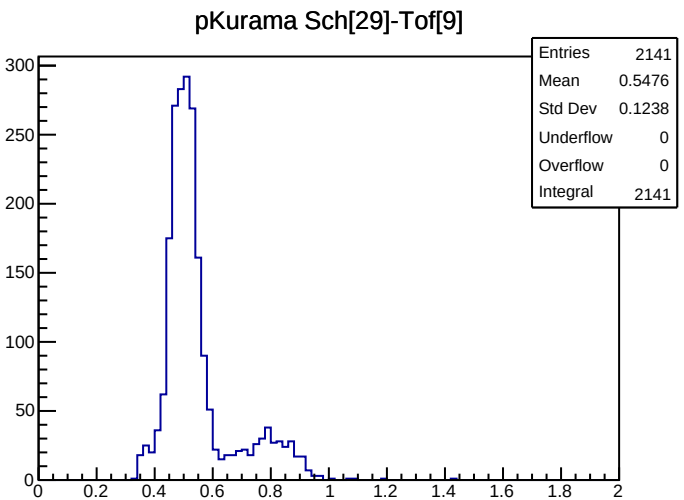

m2 Sch[29]-Tof[8]
Entries 2414
Mean 0.0691
Std Dev 0.1678
Underflow 5
Overflow 44
Integral 2365

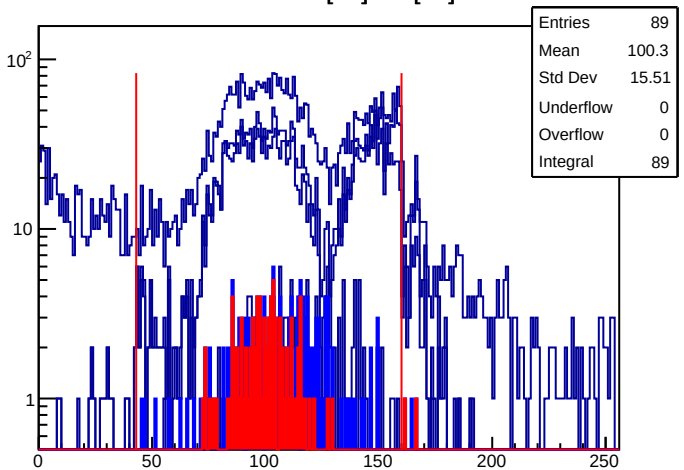

pKurama Sch[29]-Tof[8]
Entries 2414
Mean 0.4702
Std Dev 0.07619
Underflow 0
Overflow 0
Integral 2414

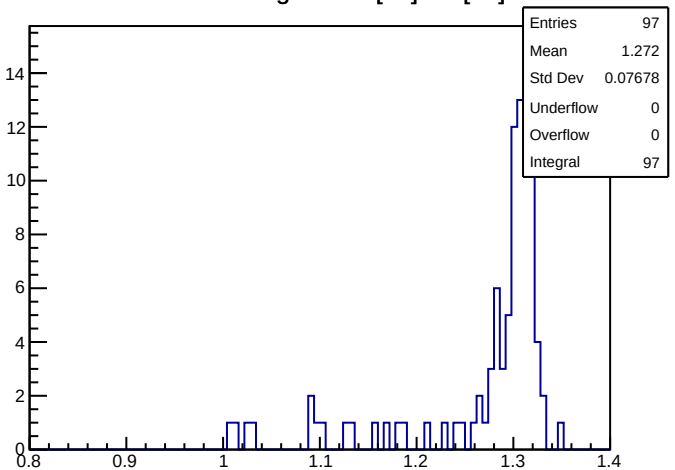

sftx all Sch[29]-Tof[9]
Entries 54
Mean 100.4
Std Dev 13.25
Underflow 0
Overflow 0
Integral 54

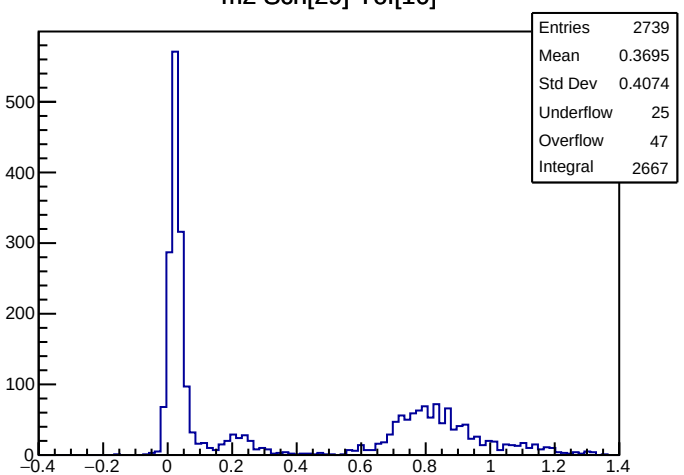

MissMass Sigma Sch[29]-Tof[9]
Entries 62
Mean 1.283
Std Dev 0.08598
Underflow 1
Overflow 0
Integral 61

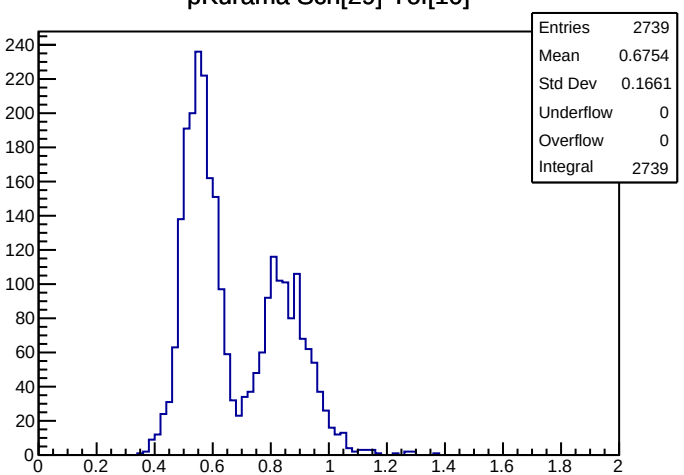

m2 Sch[29]-Tof[9]
Entries 2141
Mean 0.1764
Std Dev 0.3078
Underflow 11
Overflow 41
Integral 2089

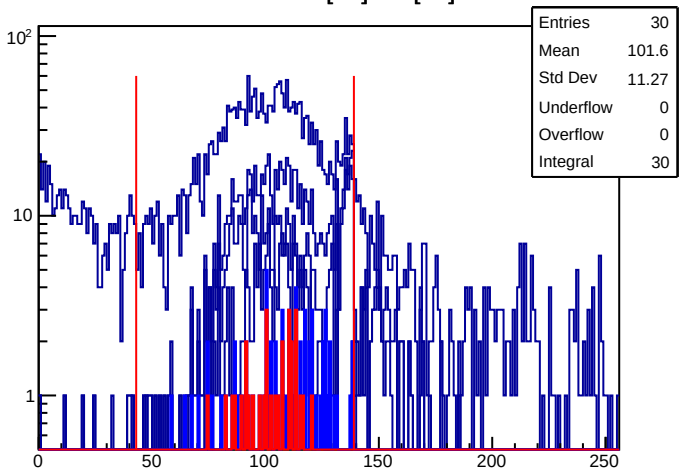

pKurama Sch[29]-Tof[9]
Entries 2141
Mean 0.5476
Std Dev 0.1238
Underflow 0
Overflow 0
Integral 2141

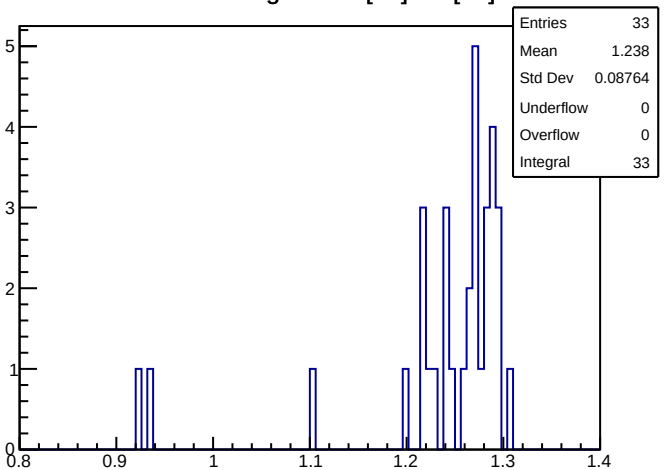

sftx all Sch[29]-Tof[10]
Entries 89
Mean 100.3
Std Dev 15.51
Underflow 0
Overflow 0
Integral 89

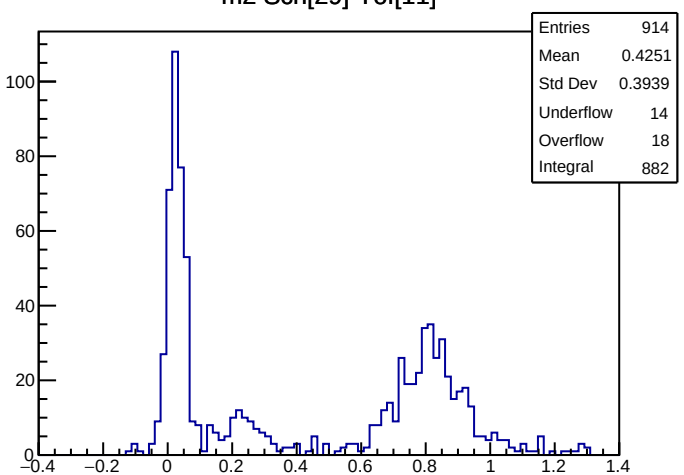

MissMass Sigma Sch[29]-Tof[10]
Entries 97
Mean 1.272
Std Dev 0.07678
Underflow 0
Overflow 0
Integral 97

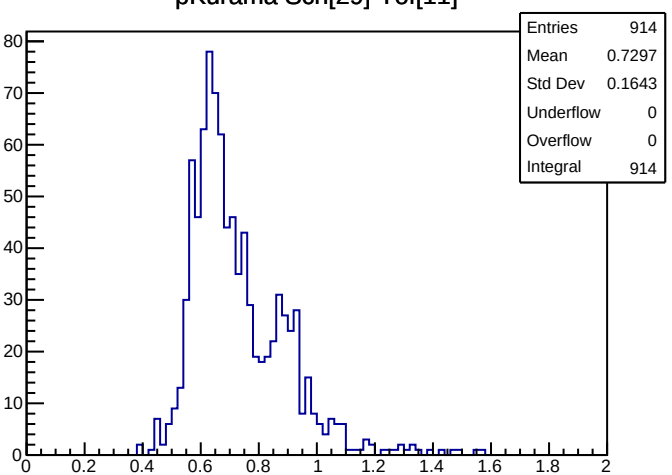

m2 Sch[29]-Tof[10]
Entries 2739
Mean 0.3695
Std Dev 0.4074
Underflow 25
Overflow 47
Integral 2667

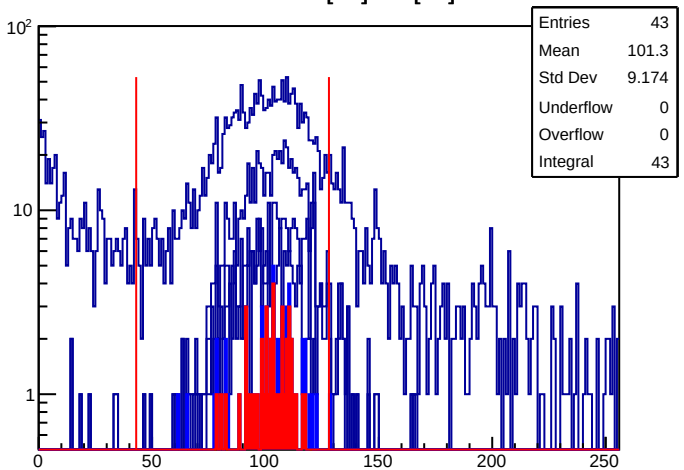

pKurama Sch[29]-Tof[10]
Entries 2739
Mean 0.6754
Std Dev 0.1661
Underflow 0
Overflow 0
Integral 2739

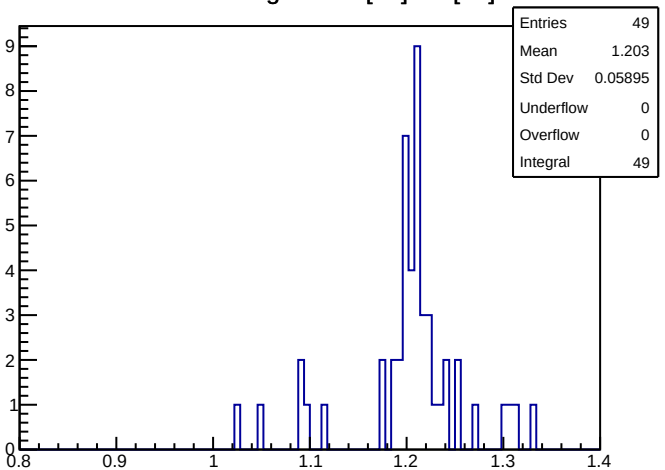

sftx all Sch[29]-Tof[11]
Entries 30
Mean 101.6
Std Dev 11.27
Underflow 0
Overflow 0
Integral 30

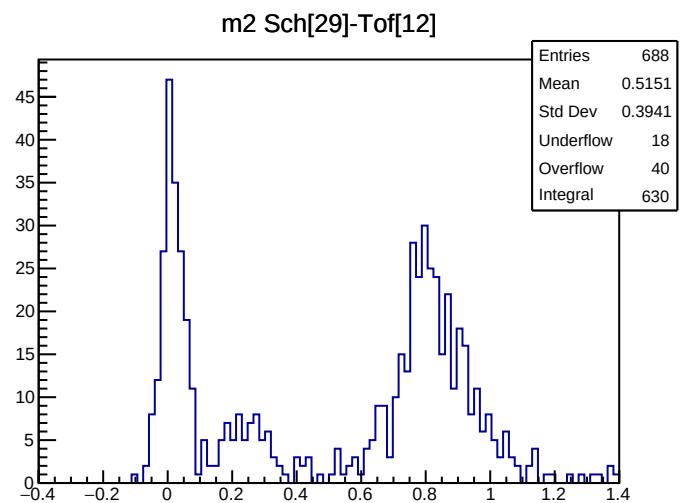

MissMass Sigma Sch[29]-Tof[11]
Entries 33
Mean 1.238
Std Dev 0.08764
Underflow 0
Overflow 0
Integral 33

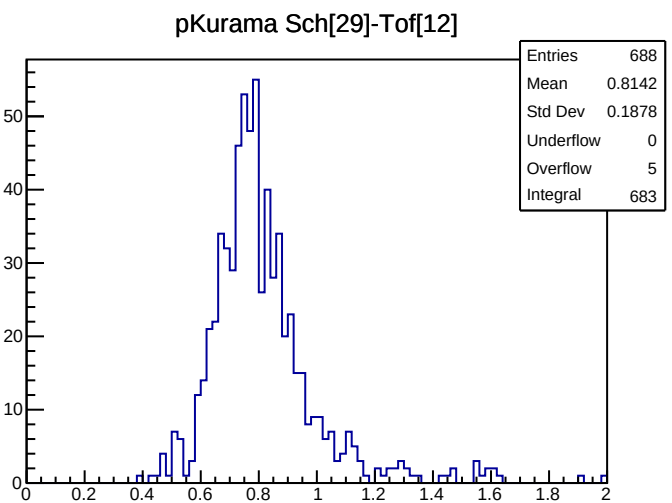

m2 Sch[29]-Tof[11]
Entries 914
Mean 0.4251
Std Dev 0.3939
Underflow 14
Overflow 18
Integral 882

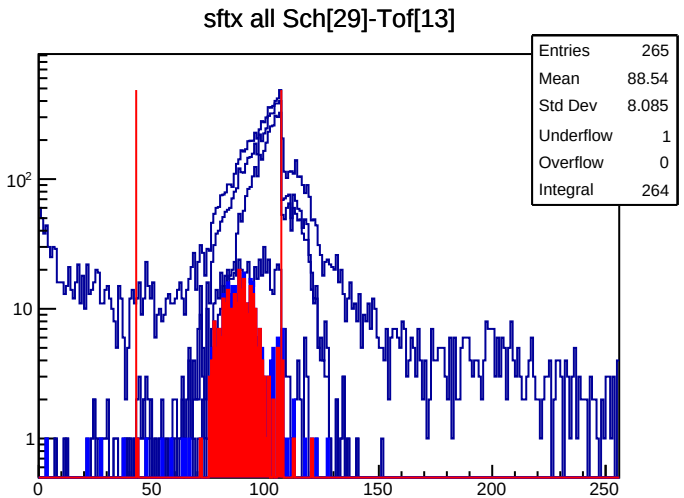

pKurama Sch[29]-Tof[11]
Entries 914
Mean 0.7297
Std Dev 0.1643
Underflow 0
Overflow 0
Integral 914

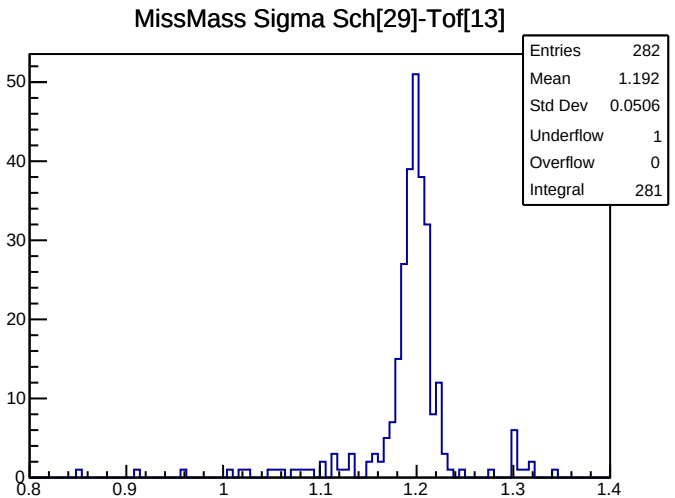

sftx all Sch[29]-Tof[12]
Entries 43
Mean 101.3
Std Dev 9.174
Underflow 0
Overflow 0
Integral 43

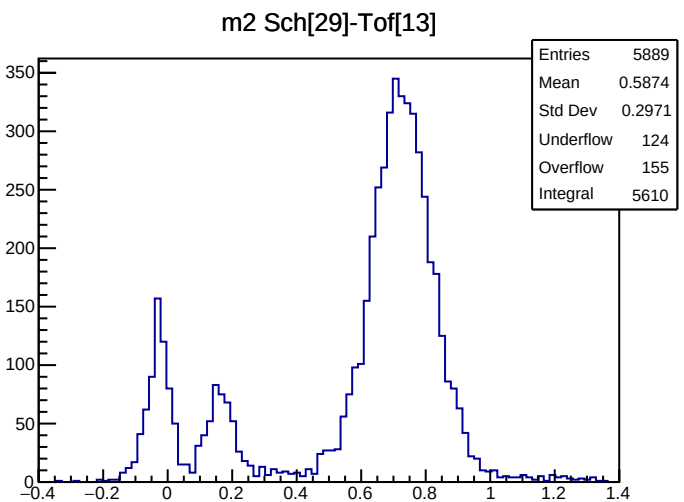

MissMass Sigma Sch[29]-Tof[12]
Entries 49
Mean 1.203
Std Dev 0.05895
Underflow 0
Overflow 0
Integral 49

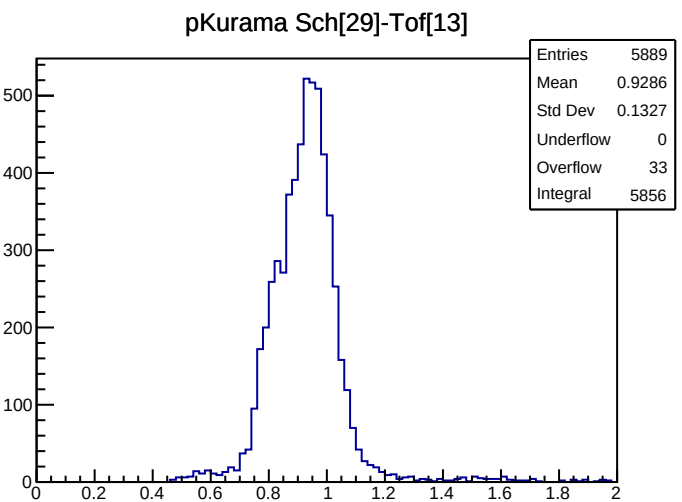

m2 Sch[29]-Tof[12]
Entries 688
Mean 0.5151
Std Dev 0.3941
Underflow 18
Overflow 40
Integral 630

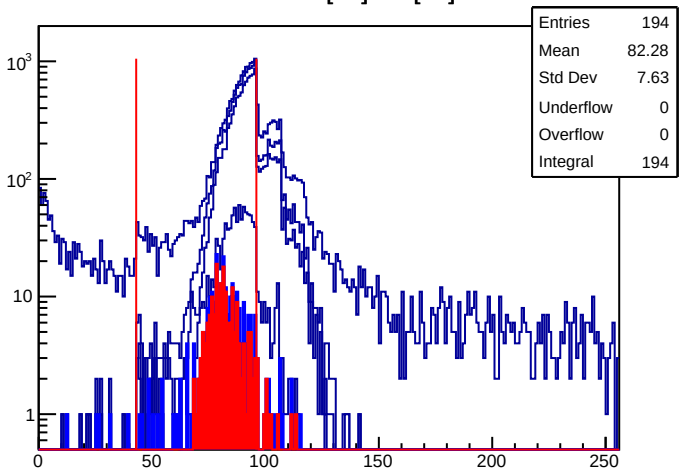

pKurama Sch[29]-Tof[12]
Entries 688
Mean 0.8142
Std Dev 0.1878
Underflow 0
Overflow 5
Integral 683

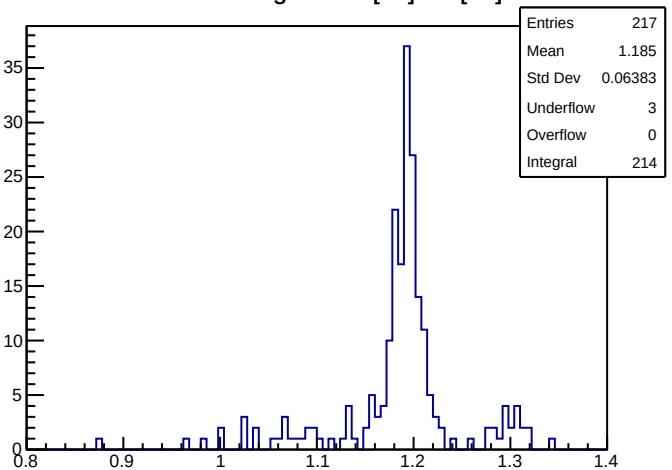

sftx all Sch[29]-Tof[13]
Entries 265
Mean 88.54
Std Dev 8.085
Underflow 1
Overflow 0
Integral 264

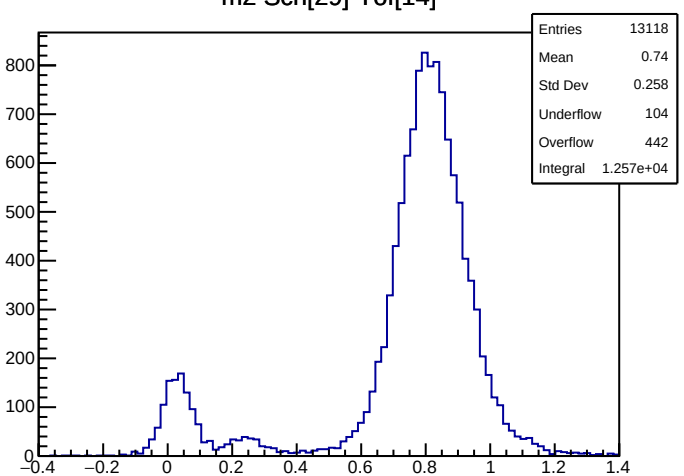

MissMass Sigma Sch[29]-Tof[13]
Entries 282
Mean 1.192
Std Dev 0.0506
Underflow 1
Overflow 0
Integral 281

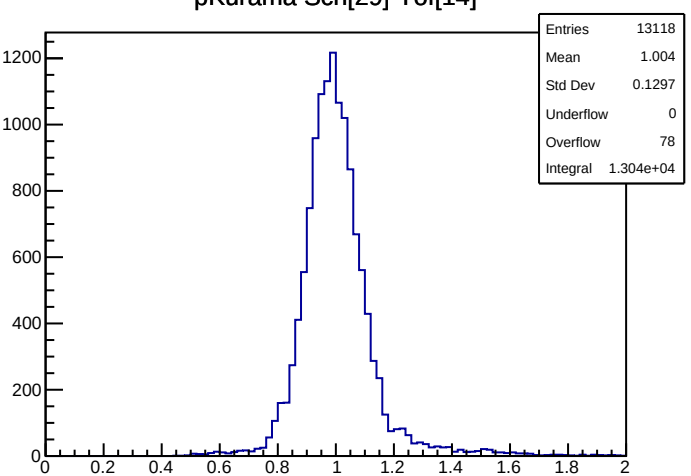

m2 Sch[29]-Tof[13]
Entries 5889
Mean 0.5874
Std Dev 0.2971
Underflow 124
Overflow 155
Integral 5610

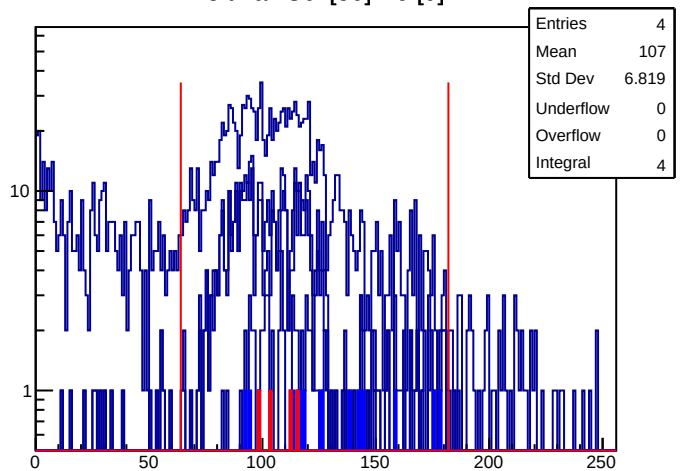

pKurama Sch[29]-Tof[13]
Entries 5889
Mean 0.9286
Std Dev 0.1327
Underflow 0
Overflow 33
Integral 5856

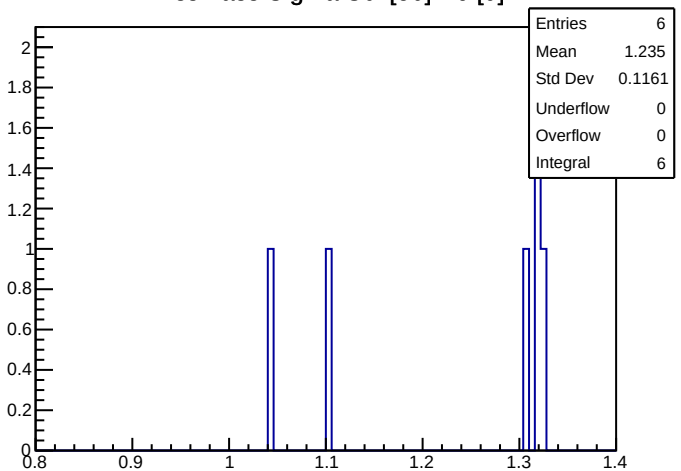

sftx all Sch[29]-Tof[14]
Entries 194
Mean 82.28
Std Dev 7.63
Underflow 0
Overflow 0
Integral 194

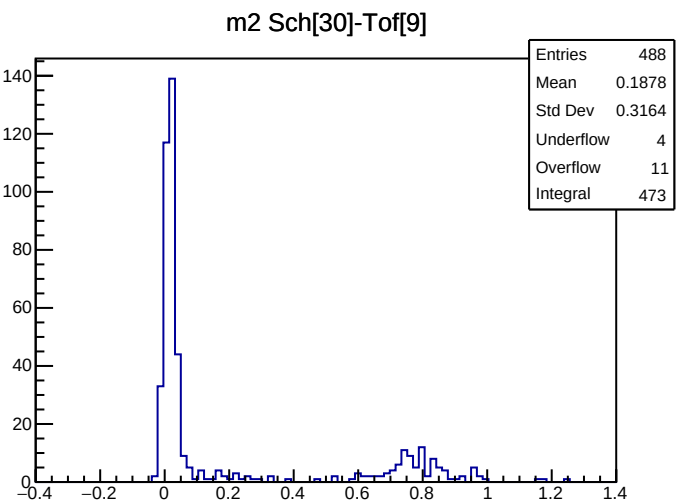

MissMass Sigma Sch[29]-Tof[14]
Entries 217
Mean 1.185
Std Dev 0.06383
Underflow 3
Overflow 0
Integral 214

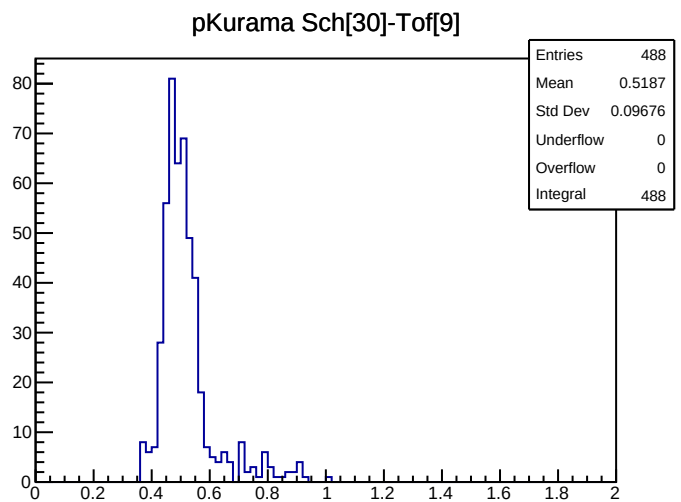

m2 Sch[29]-Tof[14]
Entries 13118
Mean 0.74
Std Dev 0.258
Underflow 104
Overflow 442
Integral 1.257e+04

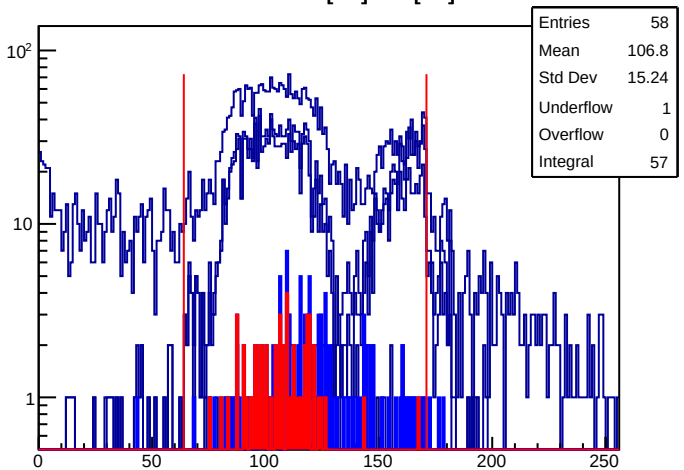

pKurama Sch[29]-Tof[14]
Entries 13118
Mean 1.004
Std Dev 0.1297
Underflow 0
Overflow 78
Integral 1.304e+04

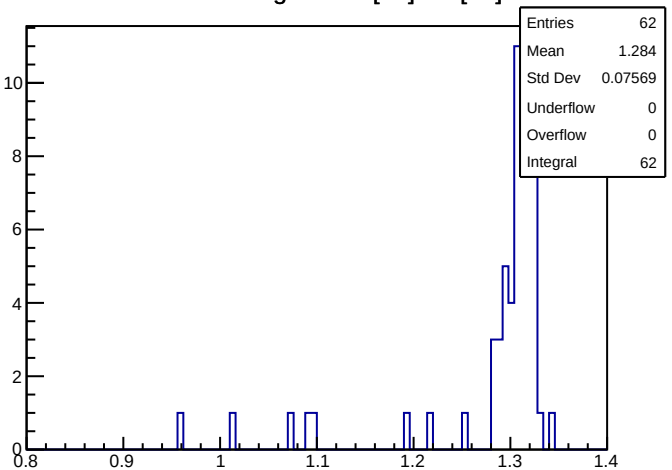

sftx all Sch[30]-Tof[9]
Entries 4
Mean 107
Std Dev 6.819
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

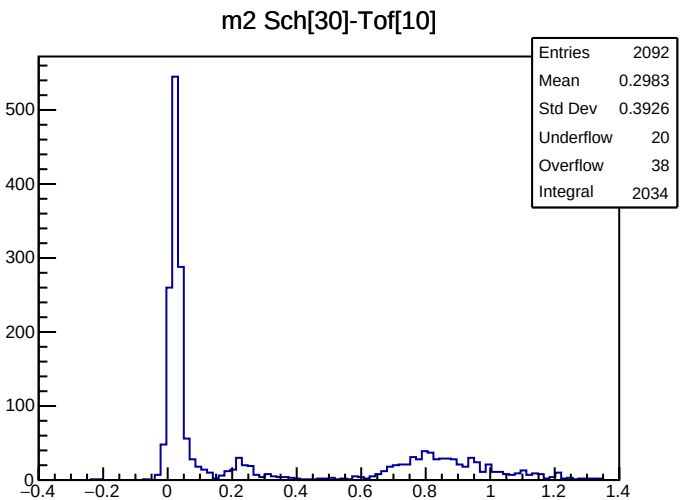

MissMass Sigma Sch[30]-Tof[9]
Entries 6
Mean 1.235
Std Dev 0.1161
Underflow 0
Overflow 0
Integral 6
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

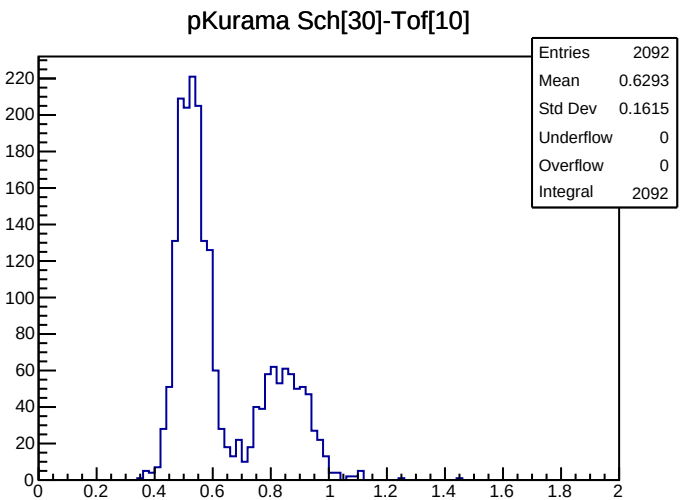

m2 Sch[30]-Tof[9]
Entries 488
Mean 0.1878
Std Dev 0.3164
Underflow 4
Overflow 11
Integral 473
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

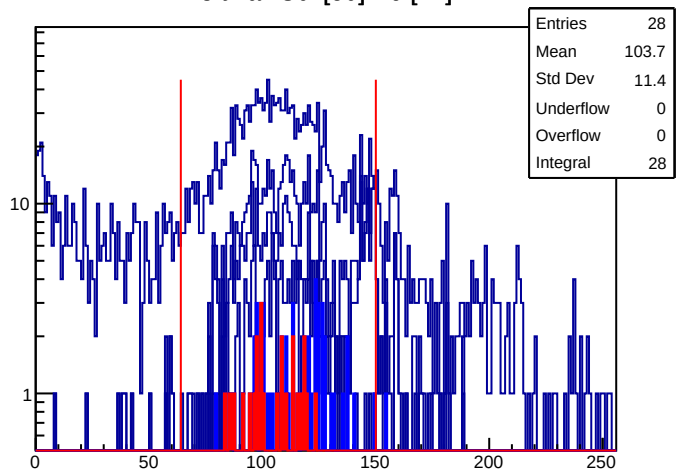

pKurama Sch[30]-Tof[9]
Entries 488
Mean 0.5187
Std Dev 0.09676
Underflow 0
Overflow 0
Integral 488
80
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

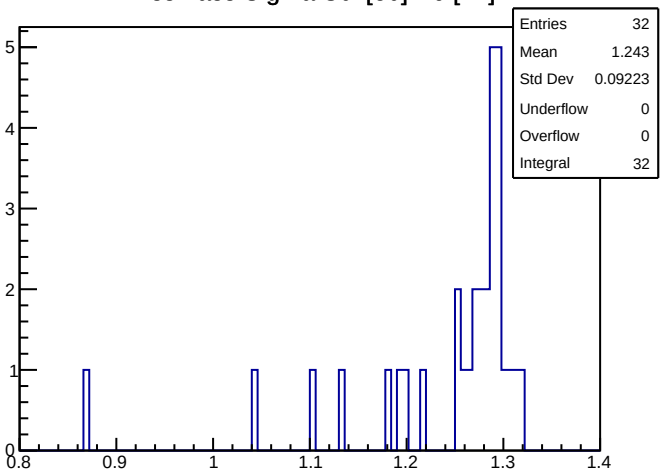

sftx all Sch[30]-Tof[10]
Entries 58
Mean 106.8
Std Dev 15.24
Underflow 1
Overflow 0
Integral 57

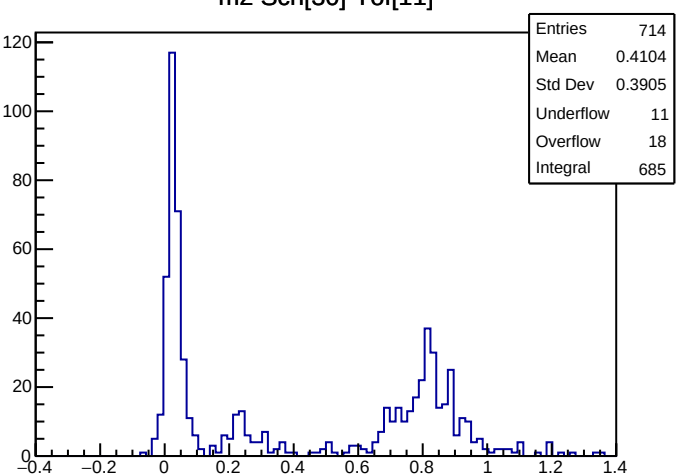

MissMass Sigma Sch[30]-Tof[10]
Entries 62
Mean 1.284
Std Dev 0.07569
Underflow 0
Overflow 0
Integral 62

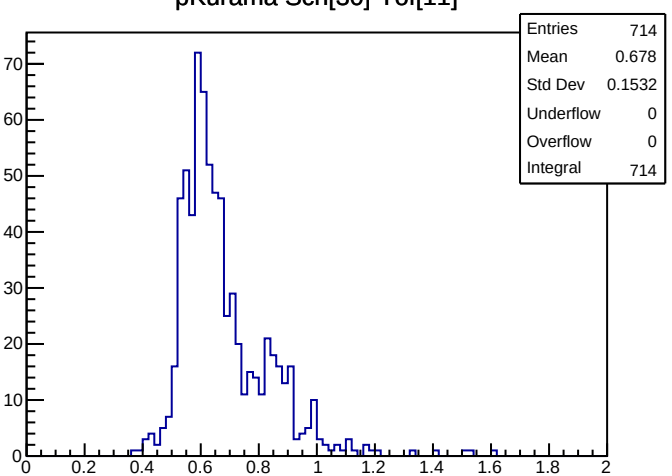

m2 Sch[30]-Tof[10]
Entries 2092
Mean 0.2983
Std Dev 0.3926
Underflow 20
Overflow 38
Integral 2034

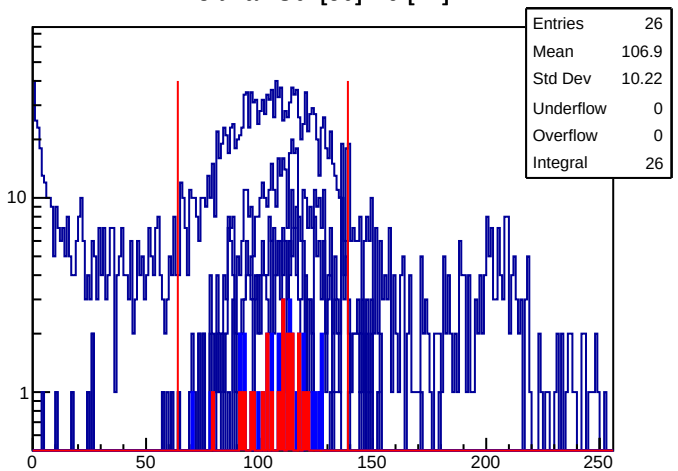

pKurama Sch[30]-Tof[10]
Entries 2092
Mean 0.6293
Std Dev 0.1615
Underflow 0
Overflow 0
Integral 2092

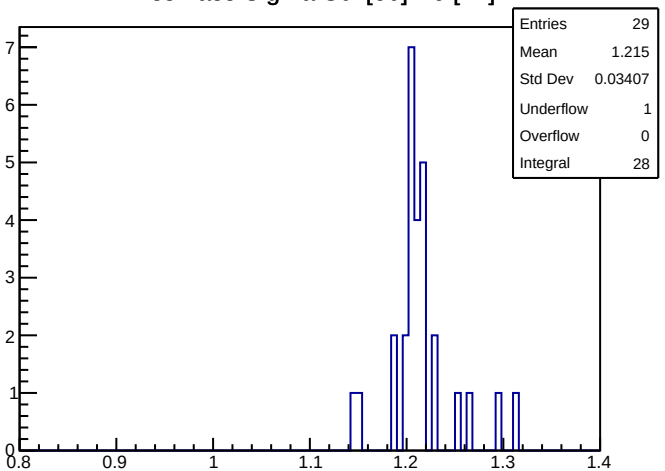

sftx all Sch[30]-Tof[11]
Entries 28
Mean 103.7
Std Dev 11.4
Underflow 0
Overflow 0
Integral 28
10
1
0
50
100
150
200
250

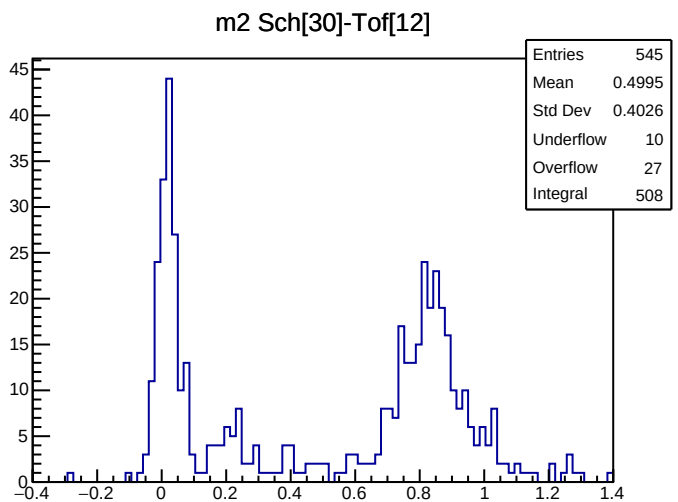

MissMass Sigma Sch[30]-Tof[11]
Entries 32
Mean 1.243
Std Dev 0.09223
Underflow 0
Overflow 0
Integral 32
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

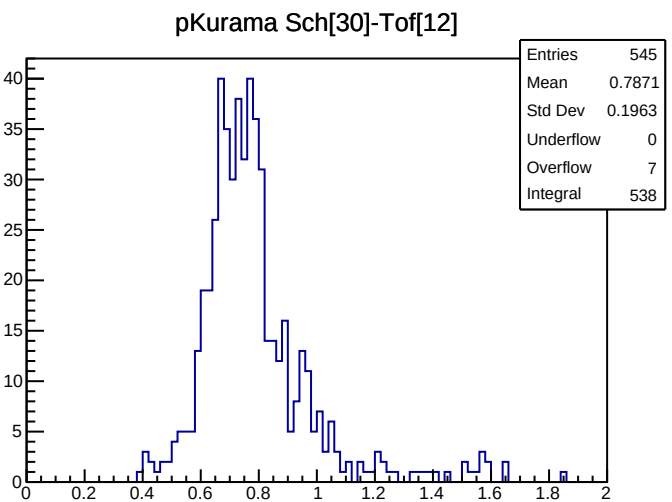

m2 Sch[30]-Tof[11]
Entries 714
Mean 0.4104
Std Dev 0.3905
Underflow 11
Overflow 18
Integral 685
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

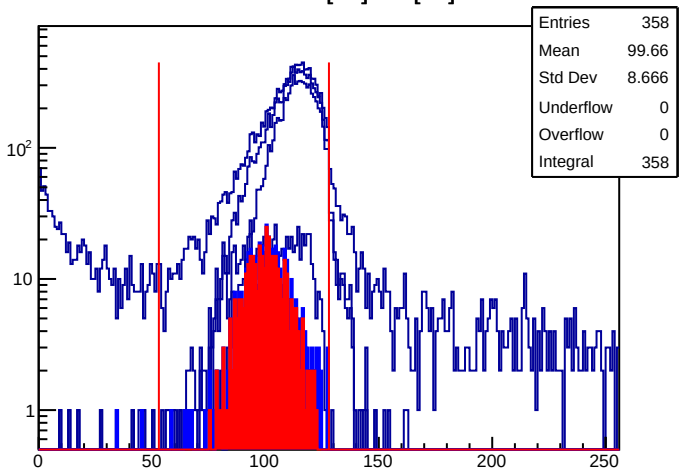

pKurama Sch[30]-Tof[11]
Entries 714
Mean 0.678
Std Dev 0.1532
Underflow 0
Overflow 0
Integral 714
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

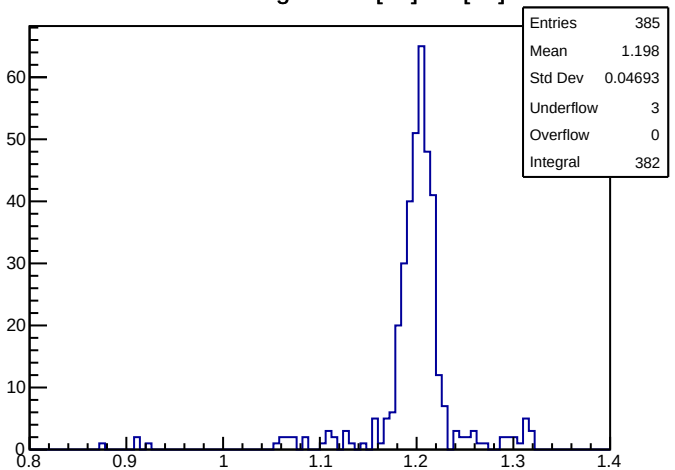

sftx all Sch[30]-Tof[12]
Entries 26
Mean 106.9
Std Dev 10.22
Underflow 0
Overflow 0
Integral 26

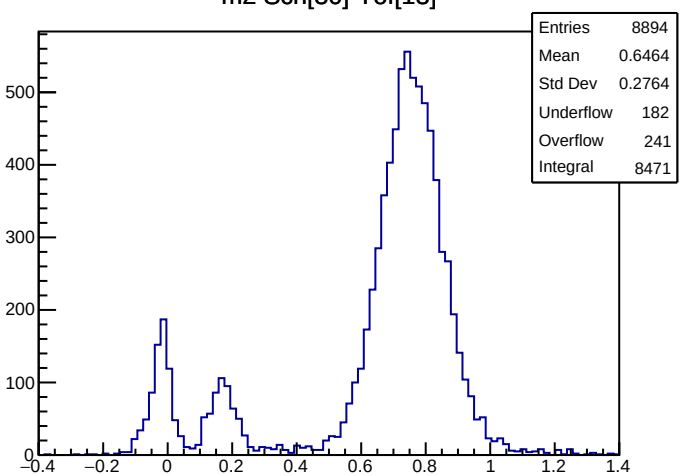

MissMass Sigma Sch[30]-Tof[12]
Entries 29
Mean 1.215
Std Dev 0.03407
Underflow 1
Overflow 0
Integral 28

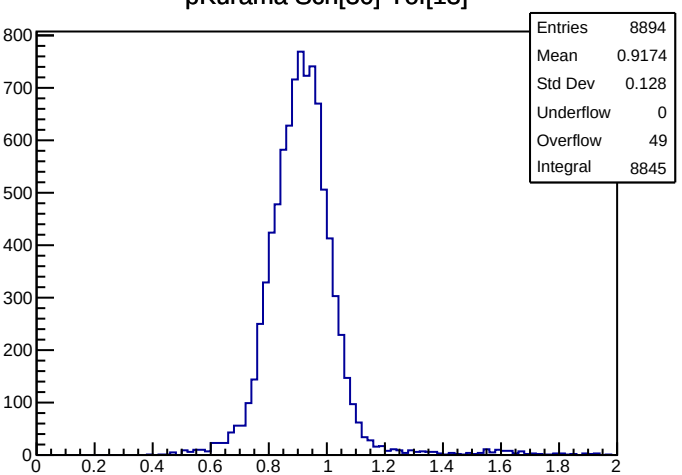

m2 Sch[30]-Tof[12]
Entries 545
Mean 0.4995
Std Dev 0.4026
Underflow 10
Overflow 27
Integral 508

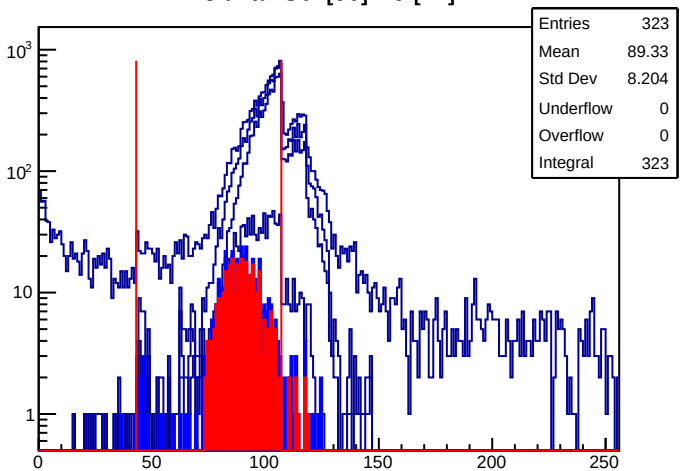

pKurama Sch[30]-Tof[12]
Entries 545
Mean 0.7871
Std Dev 0.1963
Underflow 0
Overflow 7
Integral 538

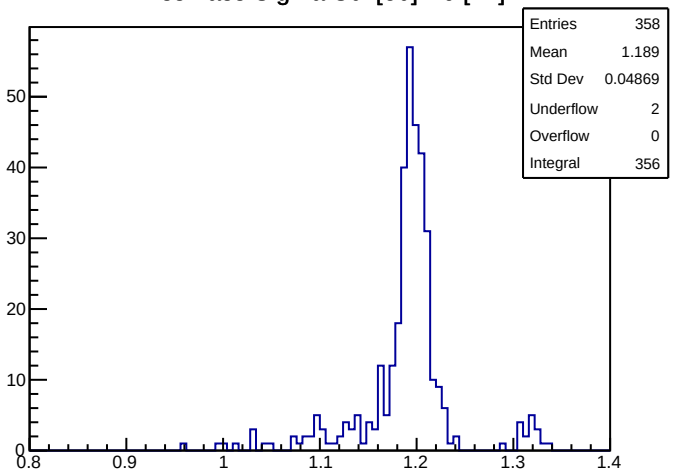

sftx all Sch[30]-Tof[13]
Entries 358
Mean 99.66
Std Dev 8.666
Underflow 0
Overflow 0
Integral 358
10^2
10
1
0
50
100
150
200
250

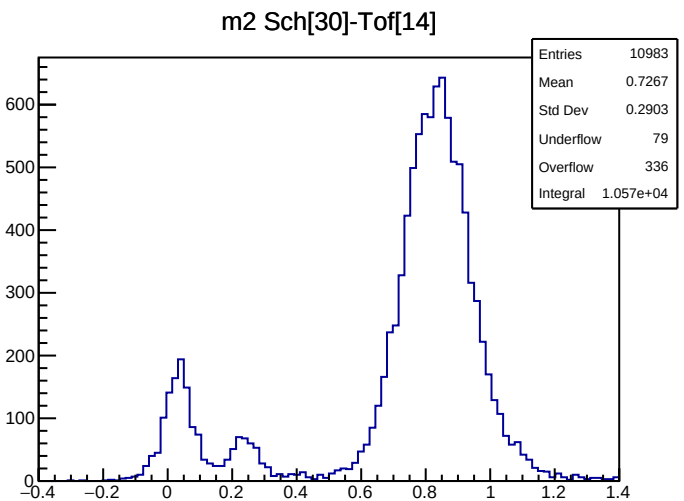

MissMass Sigma Sch[30]-Tof[13]
Entries 385
Mean 1.198
Std Dev 0.04693
Underflow 3
Overflow 0
Integral 382
60
50
40
30
20
10
0
0.8
0.9
1
1.1
1.2
1.3
1.4

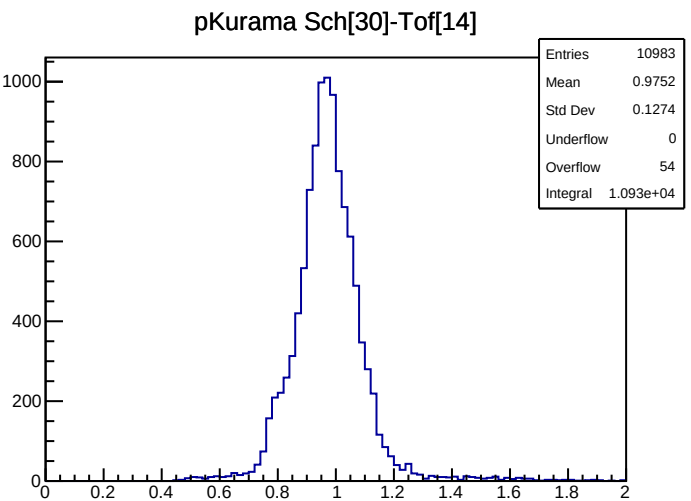

m2 Sch[30]-Tof[13]
Entries 8894
Mean 0.6464
Std Dev 0.2764
Underflow 182
Overflow 241
Integral 8471
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

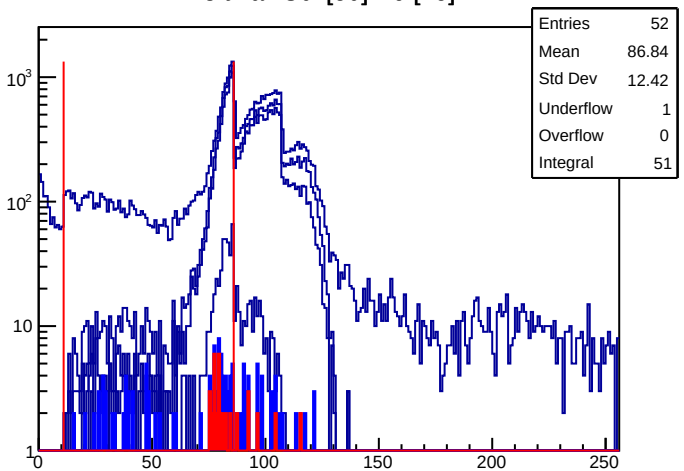

pKurama Sch[30]-Tof[13]
Entries 8894
Mean 0.9174
Std Dev 0.128
Underflow 0
Overflow 49
Integral 8845
800
700
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

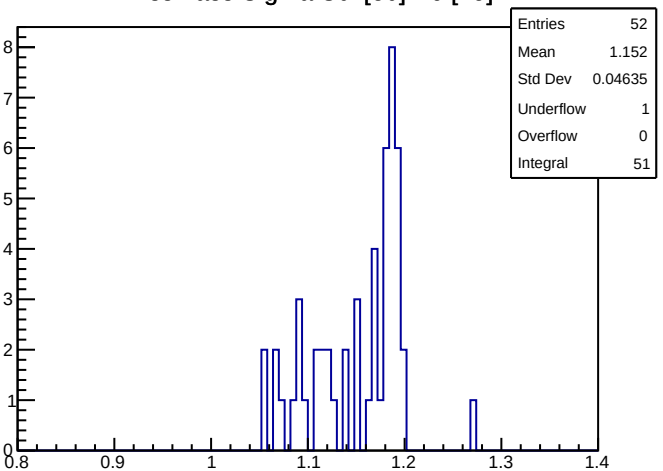

sftx all Sch[30]-Tof[14]
Entries 323
Mean 89.33
Std Dev 8.204
Underflow 0
Overflow 0
Integral 323

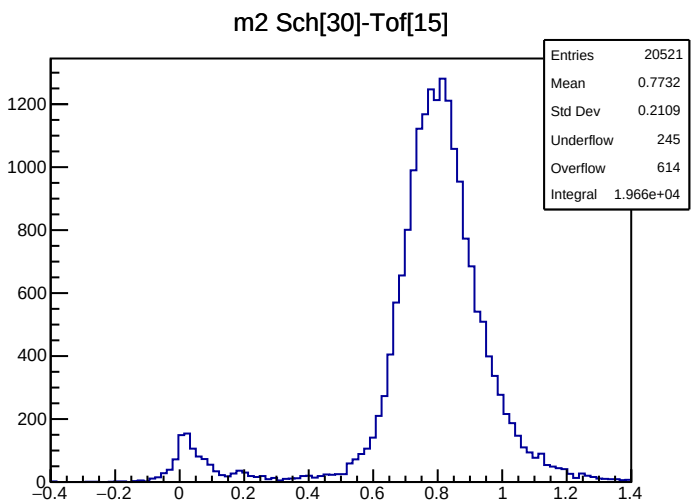

MissMass Sigma Sch[30]-Tof[14]
Entries 358
Mean 1.189
Std Dev 0.04869
Underflow 2
Overflow 0
Integral 356

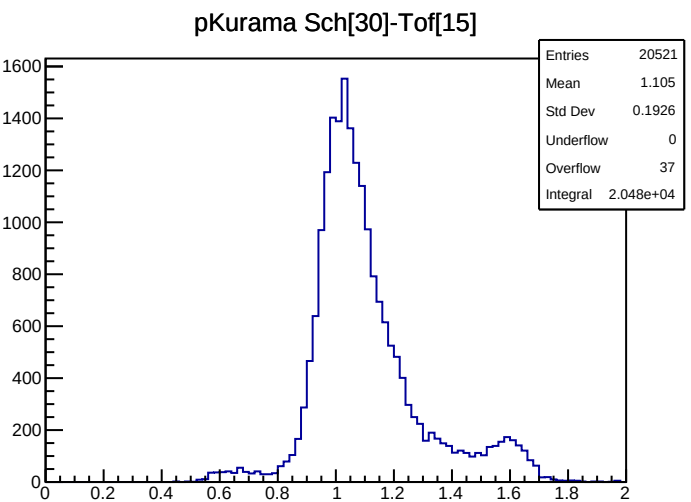

m2 Sch[30]-Tof[14]
Entries 10983
Mean 0.7267
Std Dev 0.2903
Underflow 79
Overflow 336
Integral 1.057e+04

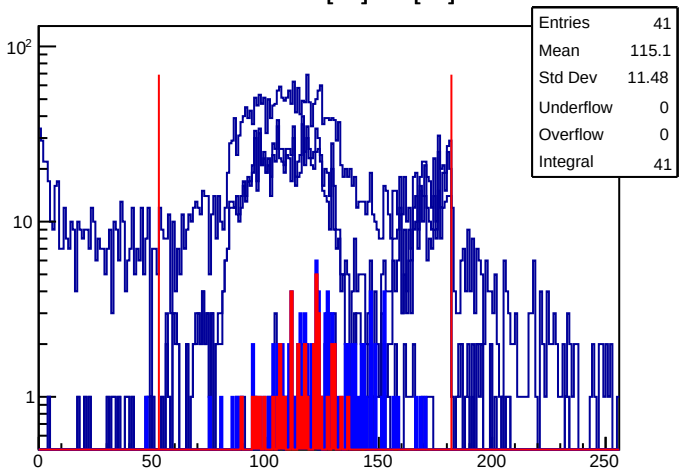

pKurama Sch[30]-Tof[14]
Entries 10983
Mean 0.9752
Std Dev 0.1274
Underflow 0
Overflow 54
Integral 1.093e+04

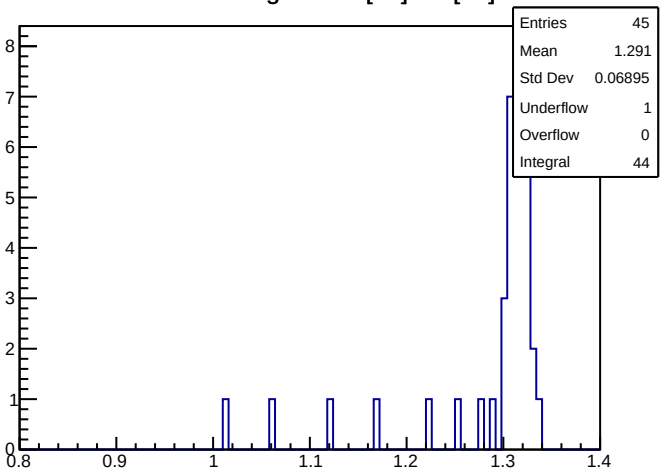

sftx all Sch[30]-Tof[15]
Entries 52
Mean 86.84
Std Dev 12.42
Underflow 1
Overflow 0
Integral 51

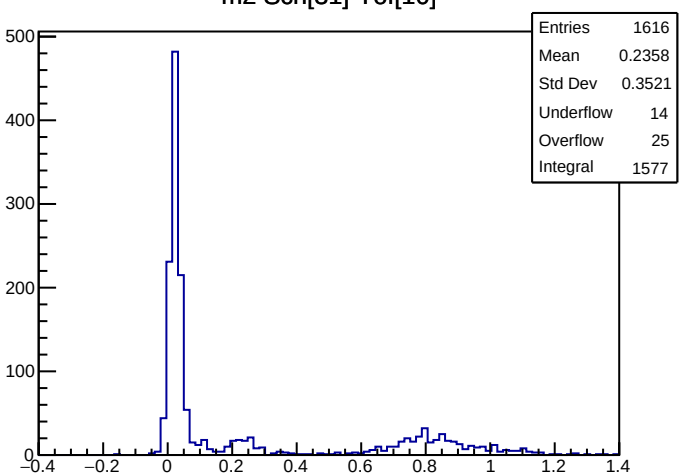

MissMass Sigma Sch[30]-Tof[15]
Entries 52
Mean 1.152
Std Dev 0.04635
Underflow 1
Overflow 0
Integral 51

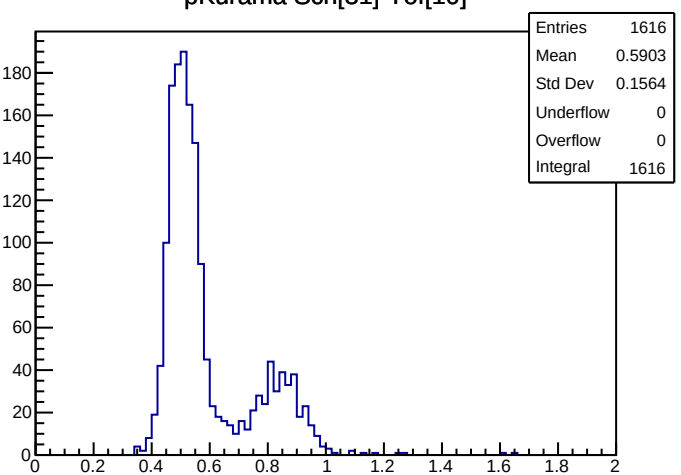

m2 Sch[30]-Tof[15]
Entries 20521
Mean 0.7732
Std Dev 0.2109
Underflow 245
Overflow 614
Integral 1.966e+04

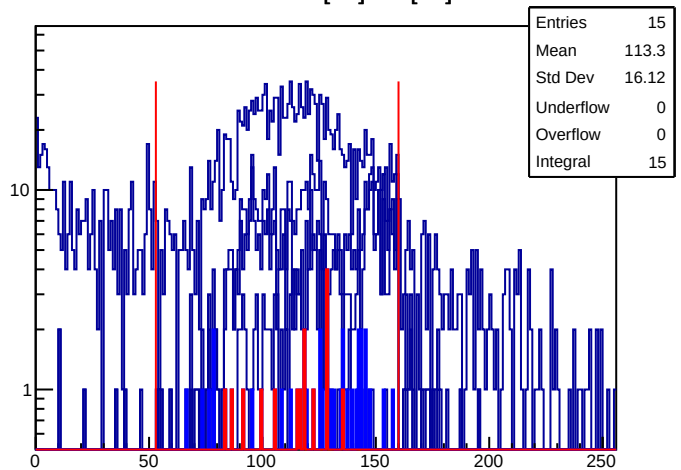

pKurama Sch[30]-Tof[15]
Entries 20521
Mean 1.105
Std Dev 0.1926
Underflow 0
Overflow 37
Integral 2.048e+04

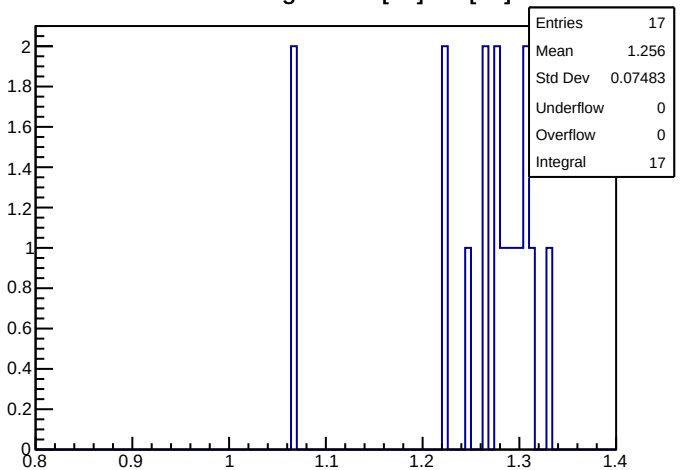

sftx all Sch[31]-Tof[10]
Entries 41
Mean 115.1
Std Dev 11.48
Underflow 0
Overflow 0
Integral 41

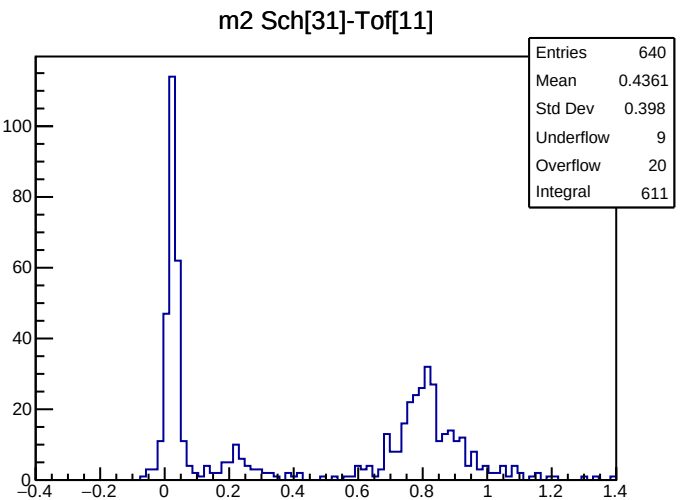

MissMass Sigma Sch[31]-Tof[10]
Entries 45
Mean 1.291
Std Dev 0.06895
Underflow 1
Overflow 0
Integral 44

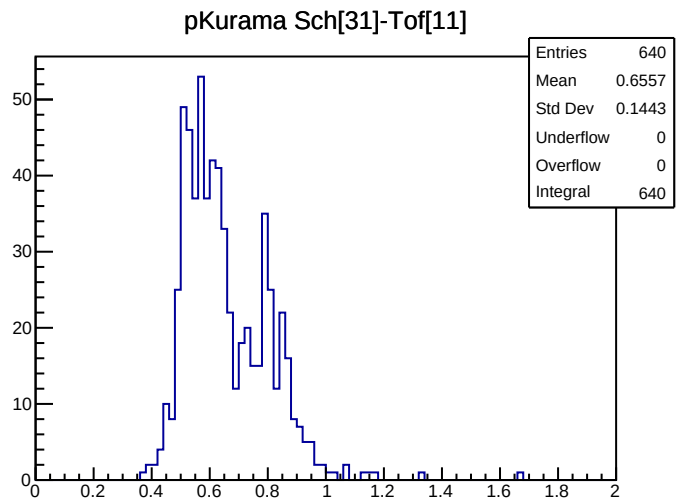

m2 Sch[31]-Tof[10]
Entries 1616
Mean 0.2358
Std Dev 0.3521
Underflow 14
Overflow 25
Integral 1577

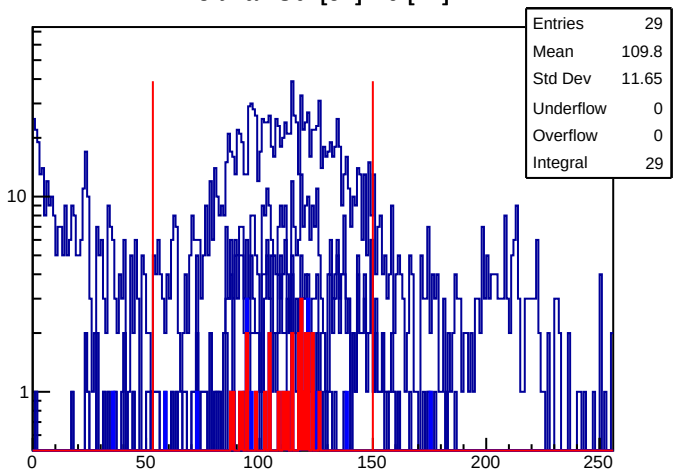

pKurama Sch[31]-Tof[10]
Entries 1616
Mean 0.5903
Std Dev 0.1564
Underflow 0
Overflow 0
Integral 1616

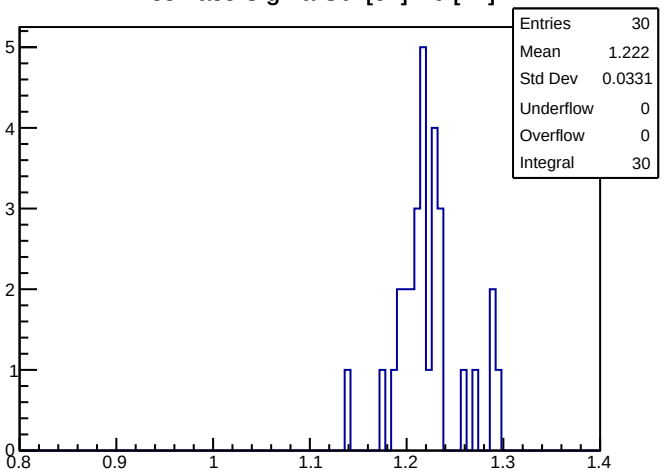

sftx all Sch[31]-Tof[11]
Entries 15
Mean 113.3
Std Dev 16.12
Underflow 0
Overflow 0
Integral 15
10
1
0
50
100
150
200
250

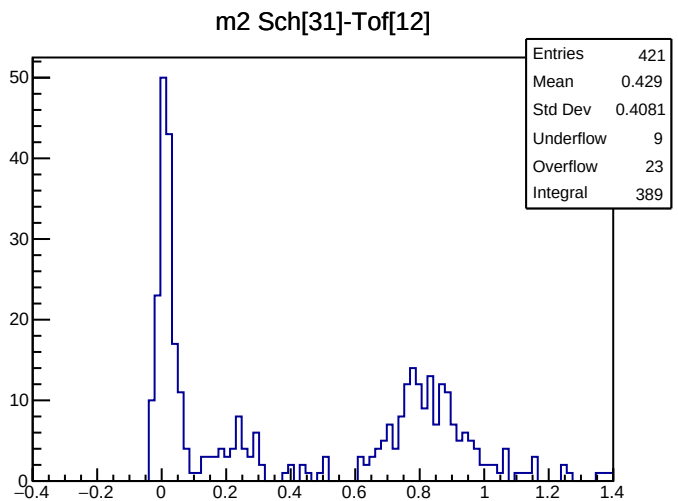

MissMass Sigma Sch[31]-Tof[11]
Entries 17
Mean 1.256
Std Dev 0.07483
Underflow 0
Overflow 0
Integral 17
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

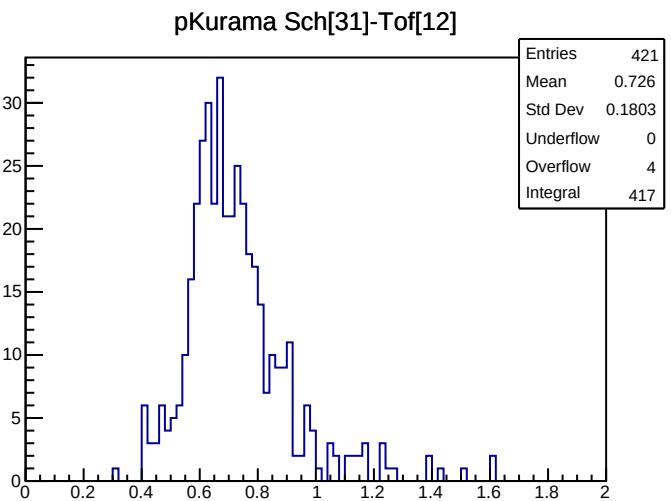

m2 Sch[31]-Tof[11]
Entries 640
Mean 0.4361
Std Dev 0.398
Underflow 9
Overflow 20
Integral 611
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

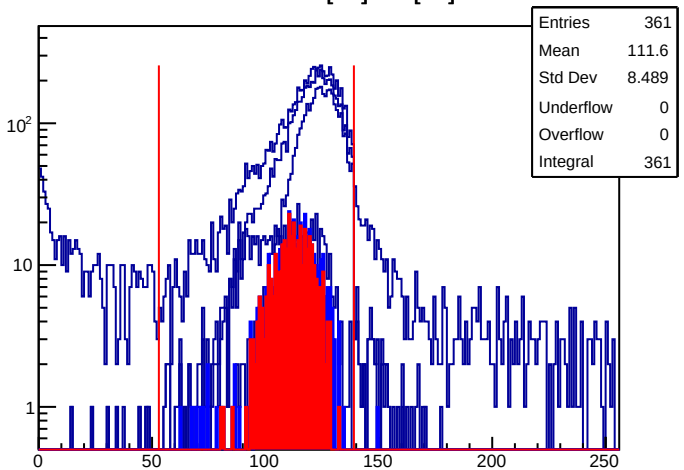

pKurama Sch[31]-Tof[11]
Entries 640
Mean 0.6557
Std Dev 0.1443
Underflow 0
Overflow 0
Integral 640
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

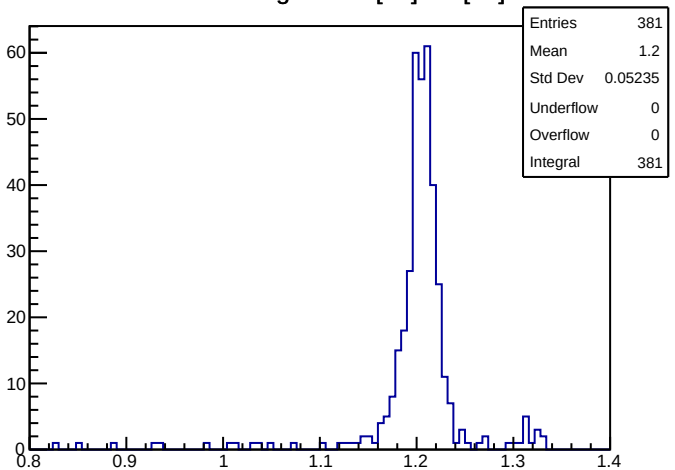

sftx all Sch[31]-Tof[12]
Entries 29
Mean 109.8
Std Dev 11.65
Underflow 0
Overflow 0
Integral 29
10
1
0
50
100
150
200
250

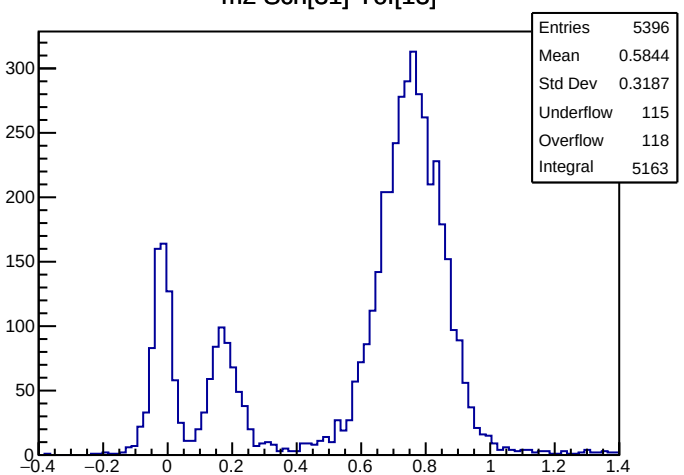

MissMass Sigma Sch[31]-Tof[12]
Entries 30
Mean 1.222
Std Dev 0.0331
Underflow 0
Overflow 0
Integral 30
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

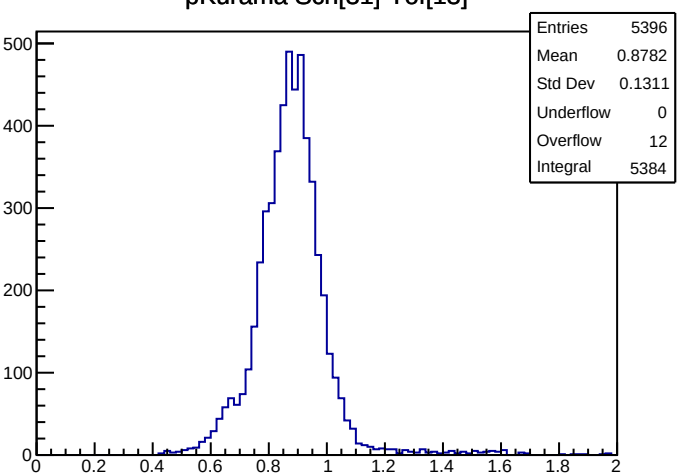

m2 Sch[31]-Tof[12]
Entries 421
Mean 0.429
Std Dev 0.4081
Underflow 9
Overflow 23
Integral 389
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

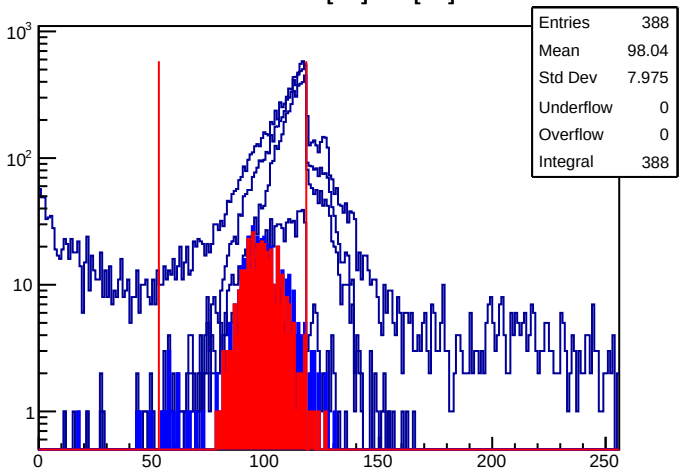

pKurama Sch[31]-Tof[12]
Entries 421
Mean 0.726
Std Dev 0.1803
Underflow 0
Overflow 4
Integral 417
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

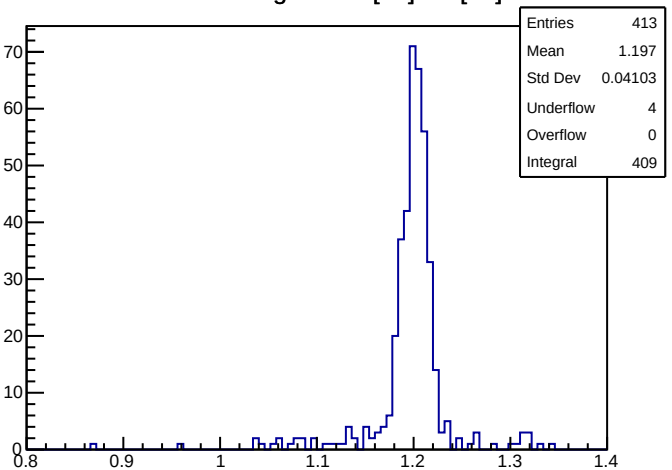

sftx all Sch[31]-Tof[13]
Entries 361
Mean 111.6
Std Dev 8.489
Underflow 0
Overflow 0
Integral 361
10^2
10
1
0
50
100
150
200
250

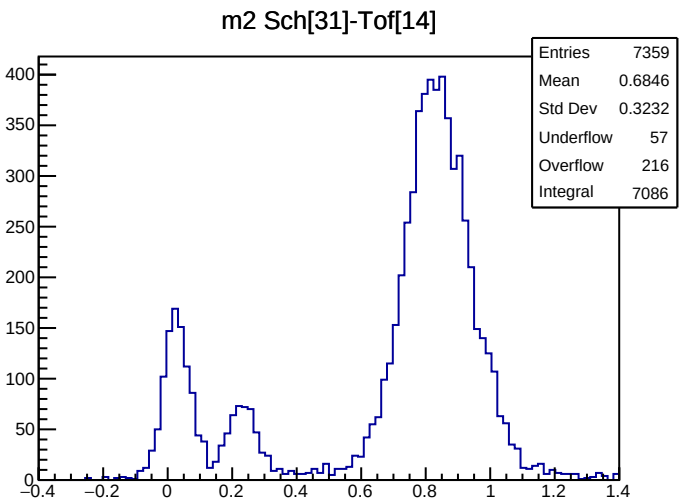

MissMass Sigma Sch[31]-Tof[13]
Entries 381
Mean 1.2
Std Dev 0.05235
Underflow 0
Overflow 0
Integral 381
60
50
40
30
20
10
0
0.8
0.9
1
1.1
1.2
1.3
1.4

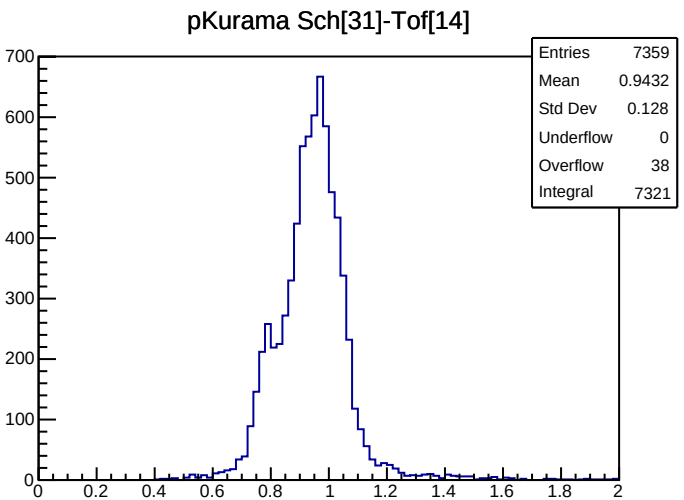

m2 Sch[31]-Tof[13]
Entries 5396
Mean 0.5844
Std Dev 0.3187
Underflow 115
Overflow 118
Integral 5163
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

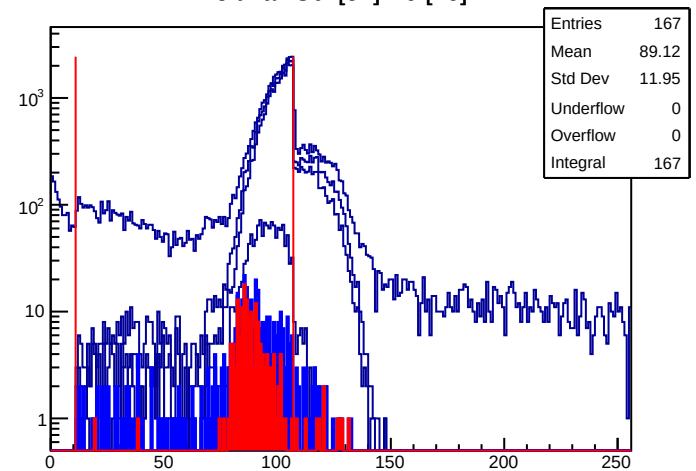

pKurama Sch[31]-Tof[13]
Entries 5396
Mean 0.8782
Std Dev 0.1311
Underflow 0
Overflow 12
Integral 5384
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

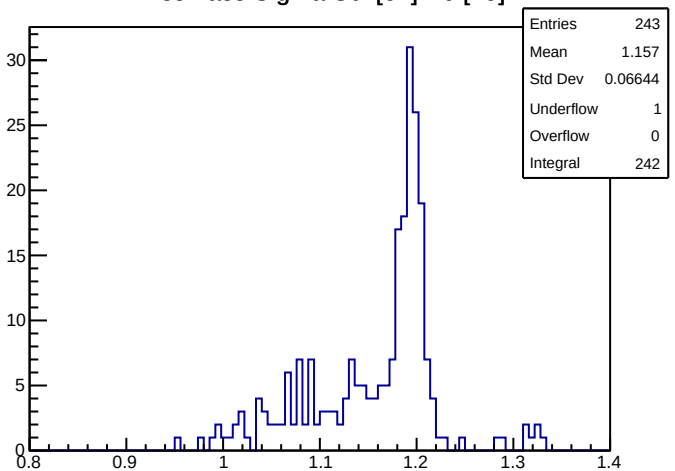

sftx all Sch[31]-Tof[14]
Entries 388
Mean 98.04
Std Dev 7.975
Underflow 0
Overflow 0
Integral 388

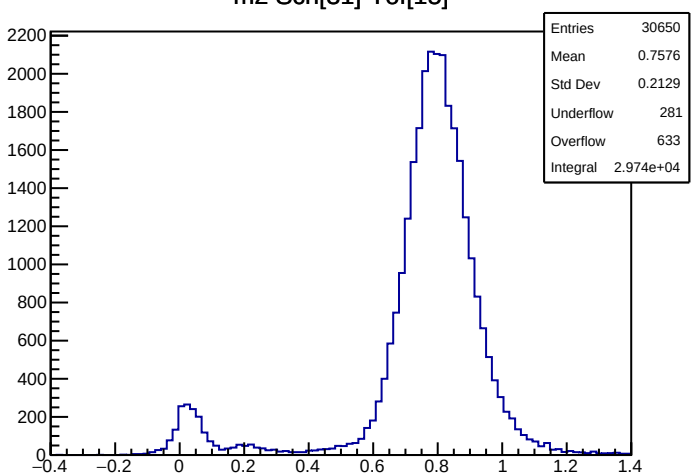

MissMass Sigma Sch[31]-Tof[14]
Entries 413
Mean 1.197
Std Dev 0.04103
Underflow 4
Overflow 0
Integral 409

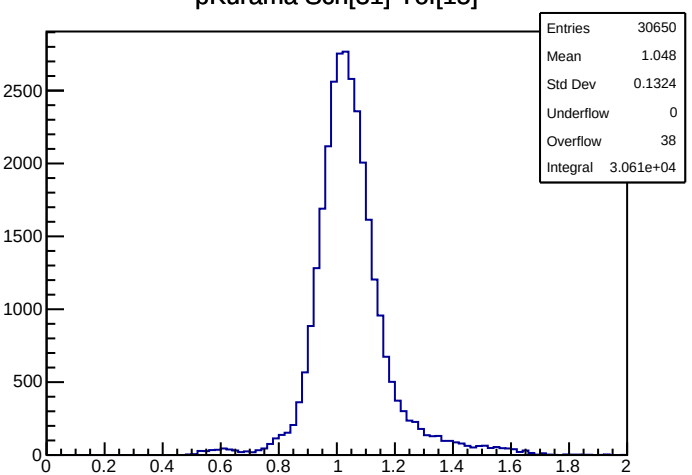

m2 Sch[31]-Tof[14]
Entries 7359
Mean 0.6846
Std Dev 0.3232
Underflow 57
Overflow 216
Integral 7086

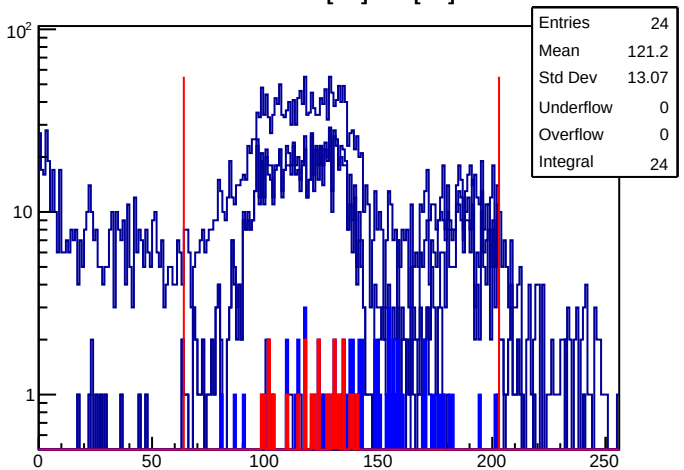

pKurama Sch[31]-Tof[14]
Entries 7359
Mean 0.9432
Std Dev 0.128
Underflow 0
Overflow 38
Integral 7321

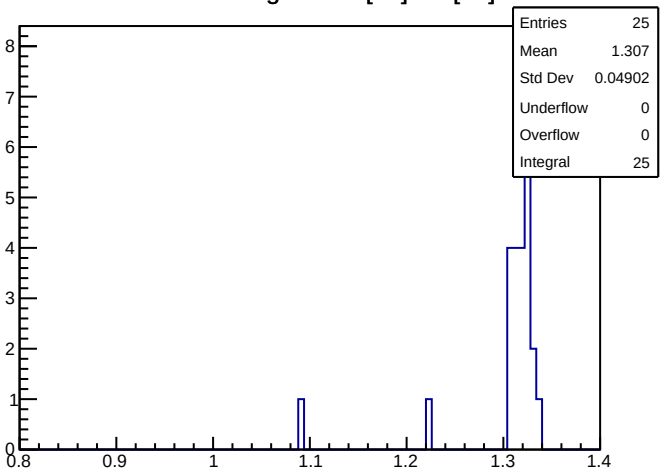

sftx all Sch[31]-Tof[15]
Entries 167
Mean 89.12
Std Dev 11.95
Underflow 0
Overflow 0
Integral 167

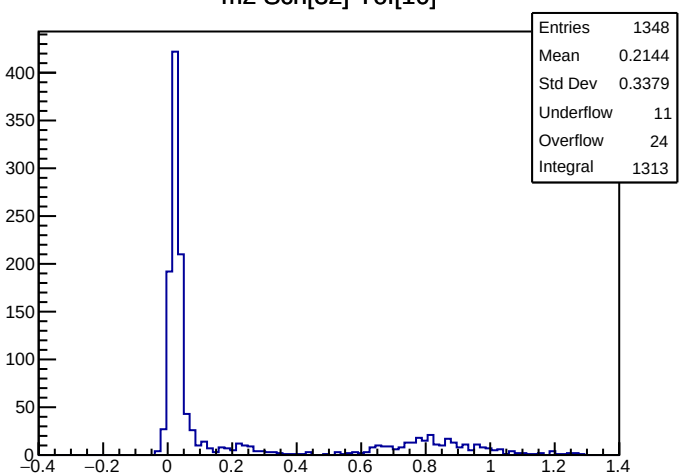

MissMass Sigma Sch[31]-Tof[15]
Entries 243
Mean 1.157
Std Dev 0.06644
Underflow 1
Overflow 0
Integral 242

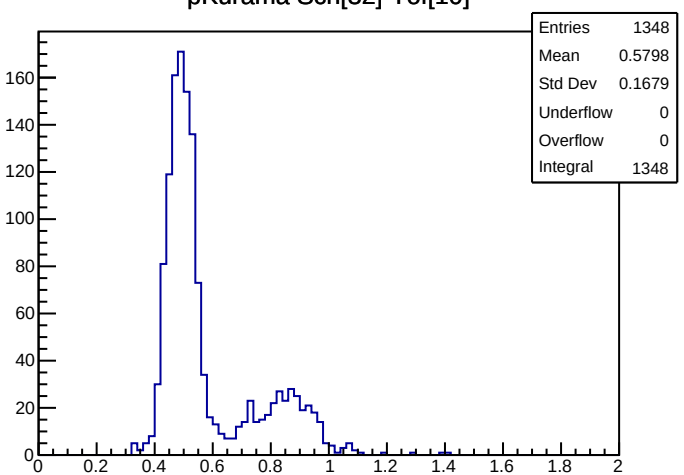

m2 Sch[31]-Tof[15]
Entries 30650
Mean 0.7576
Std Dev 0.2129
Underflow 281
Overflow 633
Integral 2.974e+04

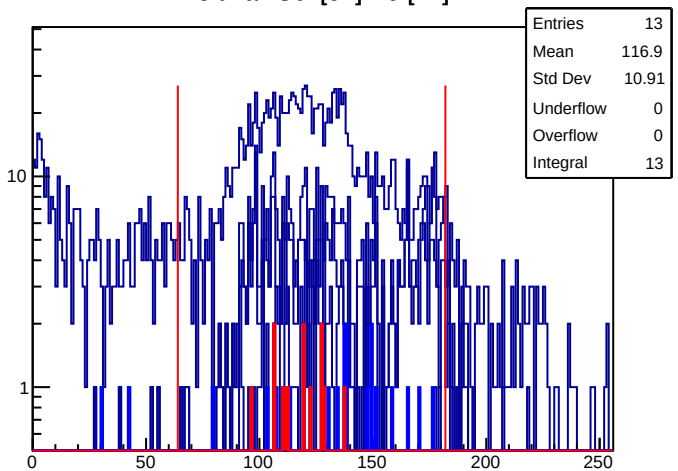

pKurama Sch[31]-Tof[15]
Entries 30650
Mean 1.048
Std Dev 0.1324
Underflow 0
Overflow 38
Integral 3.061e+04

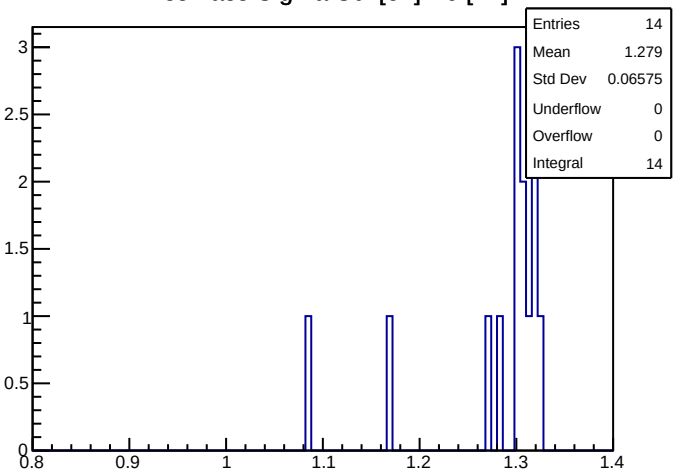

sftx all Sch[32]-Tof[10]
Entries 24
Mean 121.2
Std Dev 13.07
Underflow 0
Overflow 0
Integral 24

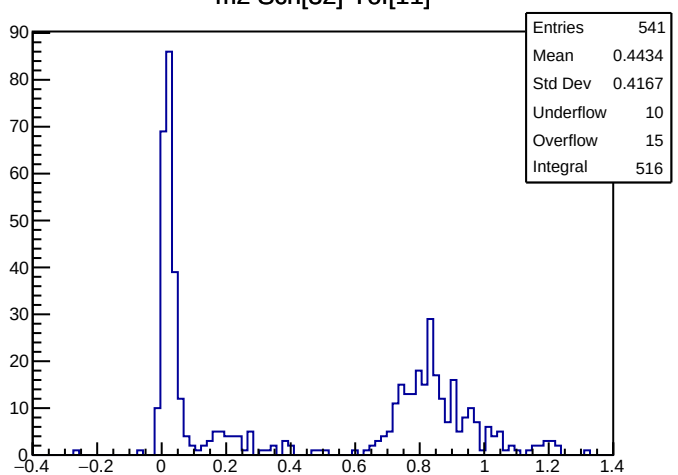

MissMass Sigma Sch[32]-Tof[10]
Entries 25
Mean 1.307
Std Dev 0.04902
Underflow 0
Overflow 0
Integral 25

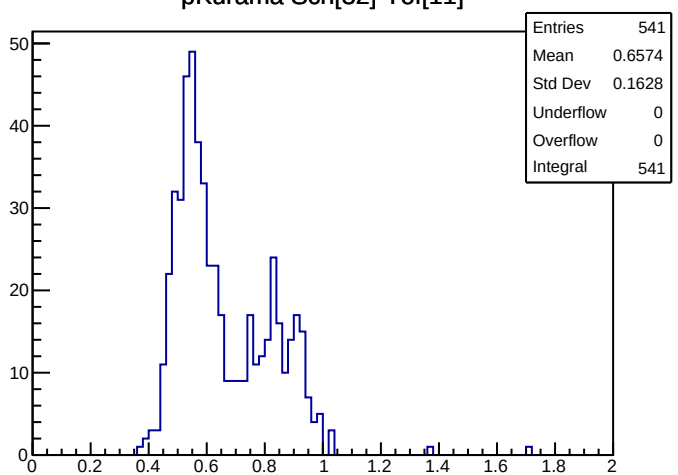

m2 Sch[32]-Tof[10]
Entries 1348
Mean 0.2144
Std Dev 0.3379
Underflow 11
Overflow 24
Integral 1313

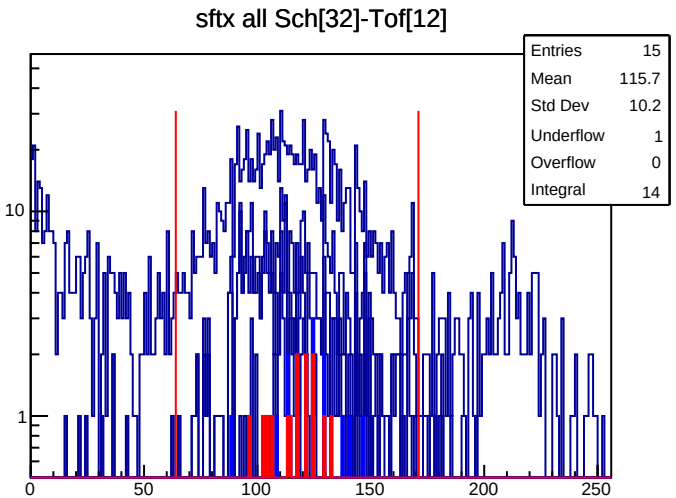

pKurama Sch[32]-Tof[10]
Entries 1348
Mean 0.5798
Std Dev 0.1679
Underflow 0
Overflow 0
Integral 1348

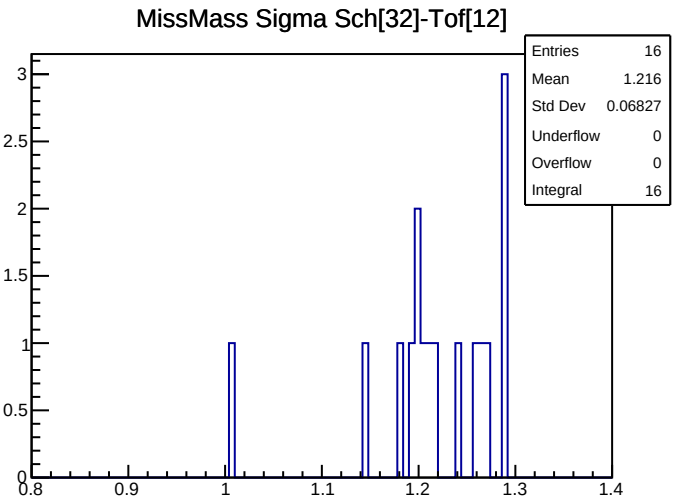

sftx all Sch[32]-Tof[11]
Entries 13
Mean 116.9
Std Dev 10.91
Underflow 0
Overflow 0
Integral 13
10
1
0
50
100
150
200
250

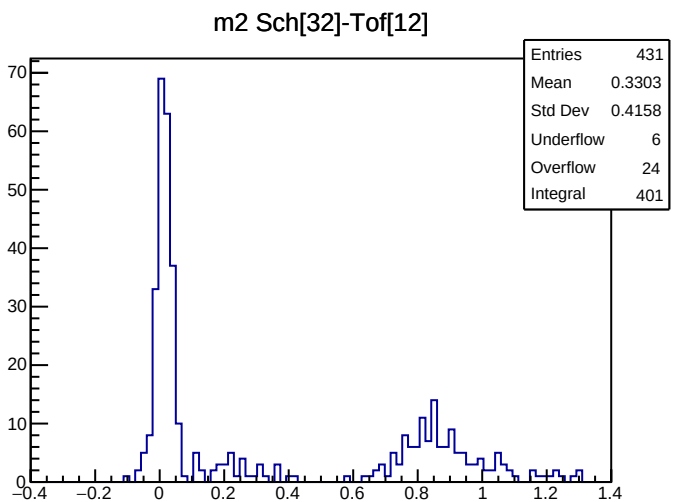

MissMass Sigma Sch[32]-Tof[11]
Entries 14
Mean 1.279
Std Dev 0.06575
Underflow 0
Overflow 0
Integral 14
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

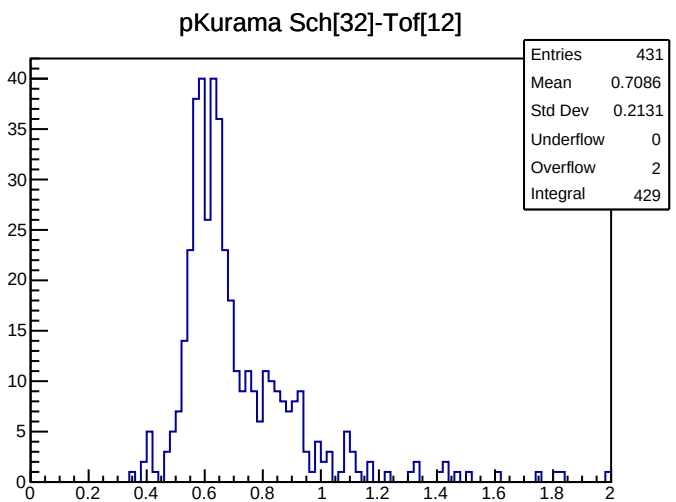

m2 Sch[32]-Tof[11]
Entries 541
Mean 0.4434
Std Dev 0.4167
Underflow 10
Overflow 15
Integral 516
90
80
70
60
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

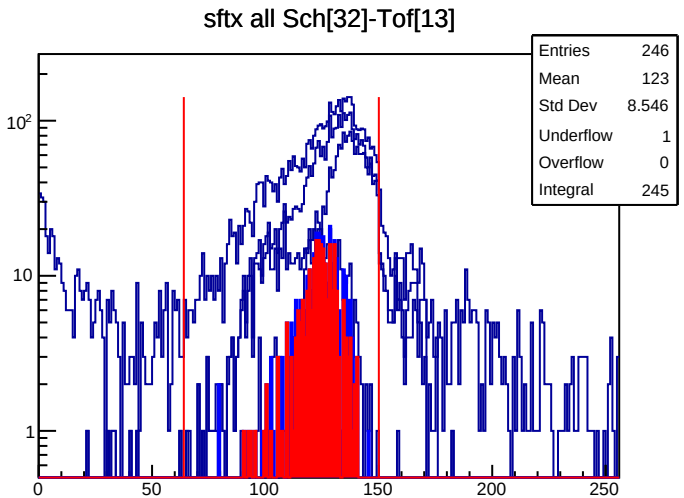

pKurama Sch[32]-Tof[11]
Entries 541
Mean 0.6574
Std Dev 0.1628
Underflow 0
Overflow 0
Integral 541
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

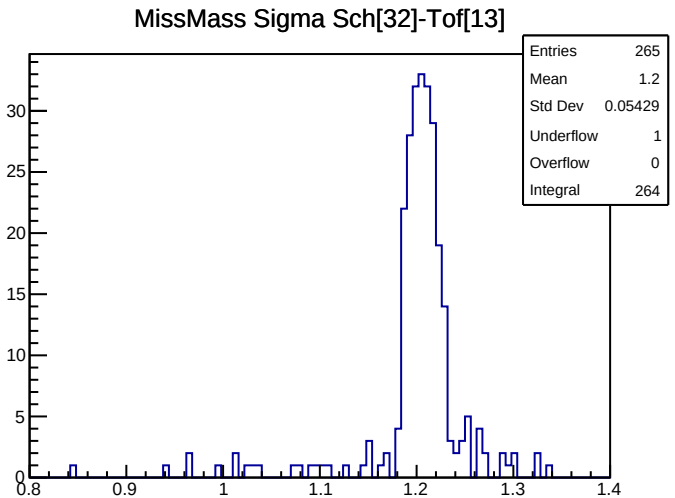

sftx all Sch[32]-Tof[12]
Entries 15
Mean 115.7
Std Dev 10.2
Underflow 1
Overflow 0
Integral 14
10
1
0
50
100
150
200
250

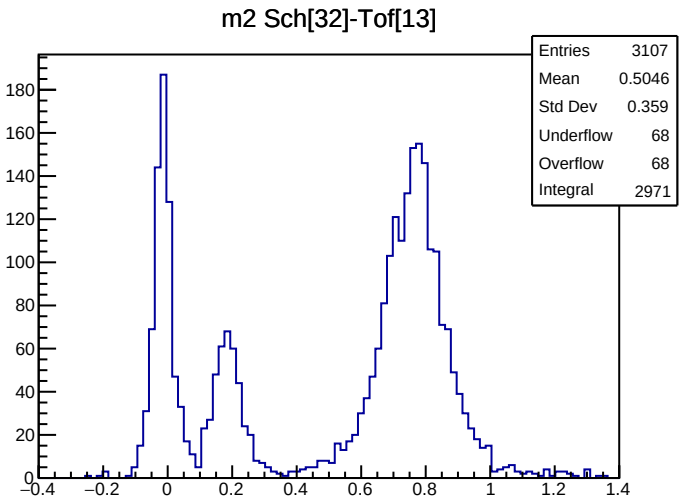

MissMass Sigma Sch[32]-Tof[12]
Entries 16
Mean 1.216
Std Dev 0.06827
Underflow 0
Overflow 0
Integral 16
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

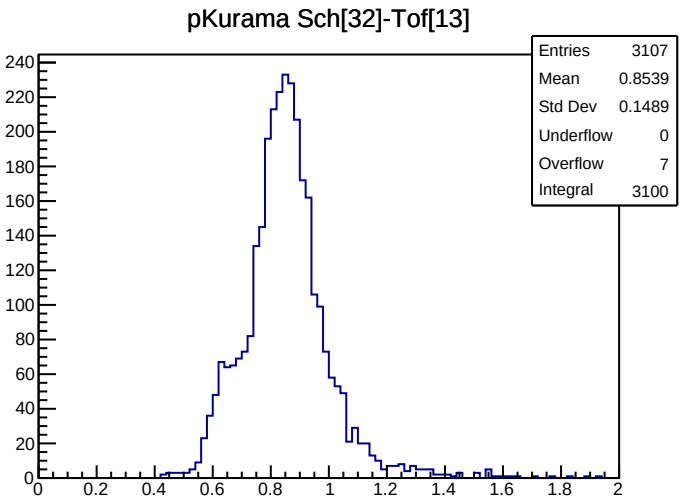

m2 Sch[32]-Tof[12]
Entries 431
Mean 0.3303
Std Dev 0.4158
Underflow 6
Overflow 24
Integral 401
70
60
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

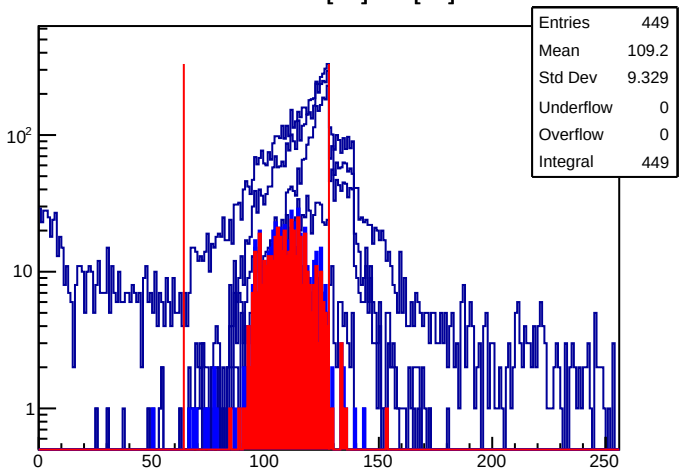

pKurama Sch[32]-Tof[12]
Entries 431
Mean 0.7086
Std Dev 0.2131
Underflow 0
Overflow 2
Integral 429
40
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

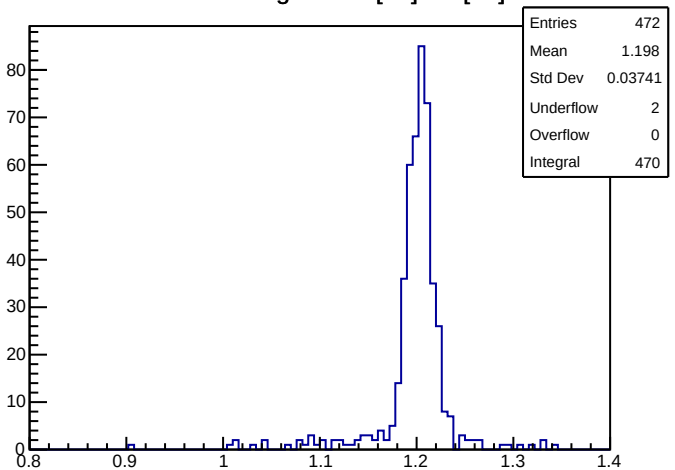

sftx all Sch[32]-Tof[13]
Entries 246
Mean 123
Std Dev 8.546
Underflow 1
Overflow 0
Integral 245

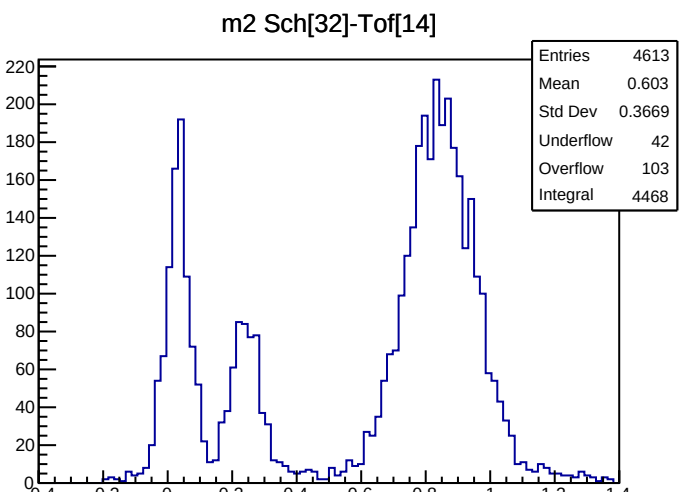

MissMass Sigma Sch[32]-Tof[13]
Entries 265
Mean 1.2
Std Dev 0.05429
Underflow 1
Overflow 0
Integral 264

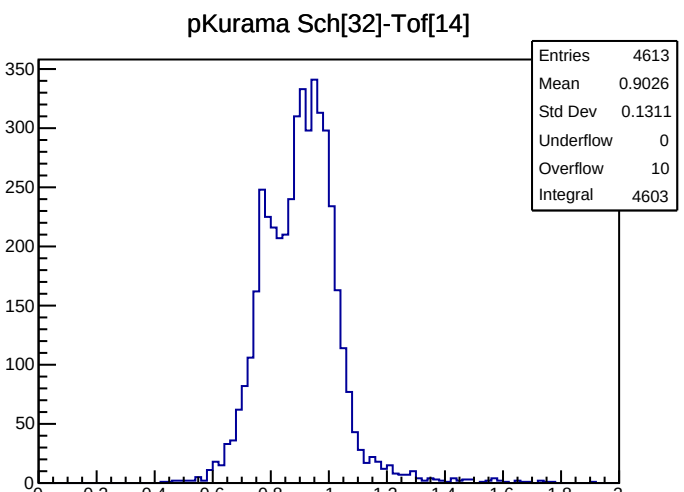

m2 Sch[32]-Tof[13]
Entries 3107
Mean 0.5046
Std Dev 0.359
Underflow 68
Overflow 68
Integral 2971

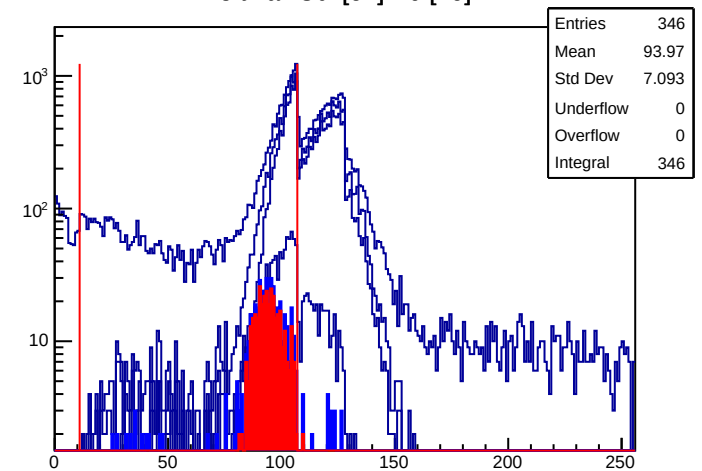

pKurama Sch[32]-Tof[13]
Entries 3107
Mean 0.8539
Std Dev 0.1489
Underflow 0
Overflow 7
Integral 3100

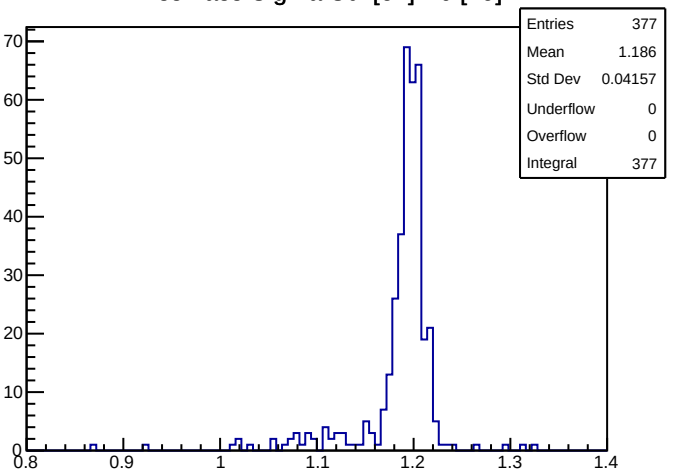

sftx all Sch[32]-Tof[14]
Entries 449
Mean 109.2
Std Dev 9.329
Underflow 0
Overflow 0
Integral 449

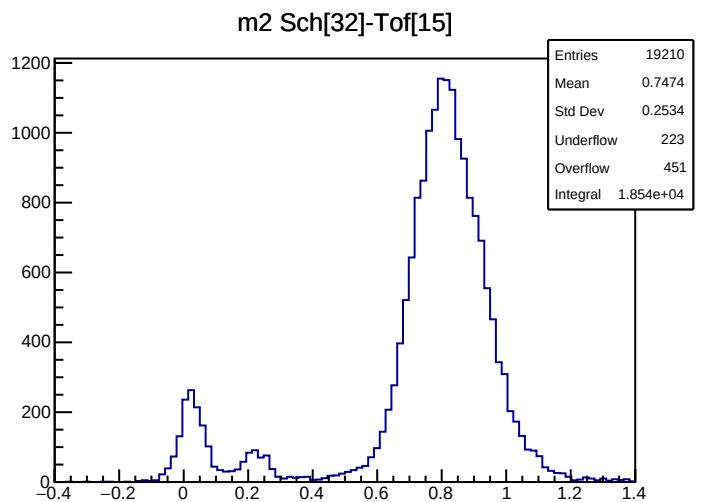

MissMass Sigma Sch[32]-Tof[14]
Entries 472
Mean 1.198
Std Dev 0.03741
Underflow 2
Overflow 0
Integral 470

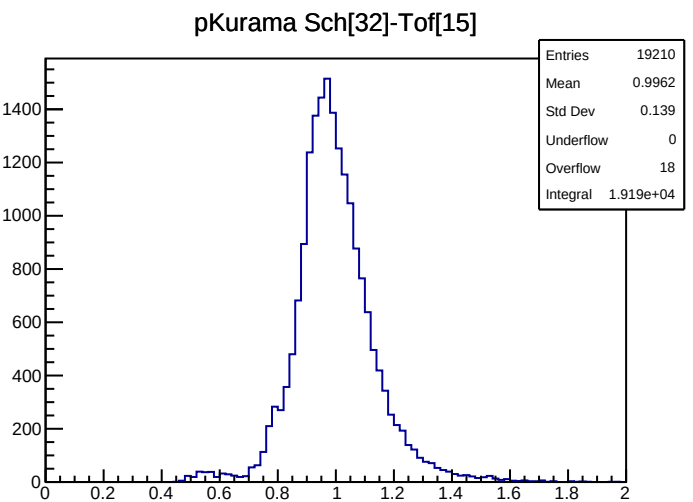

m2 Sch[32]-Tof[14]
Entries 4613
Mean 0.603
Std Dev 0.3669
Underflow 42
Overflow 103
Integral 4468

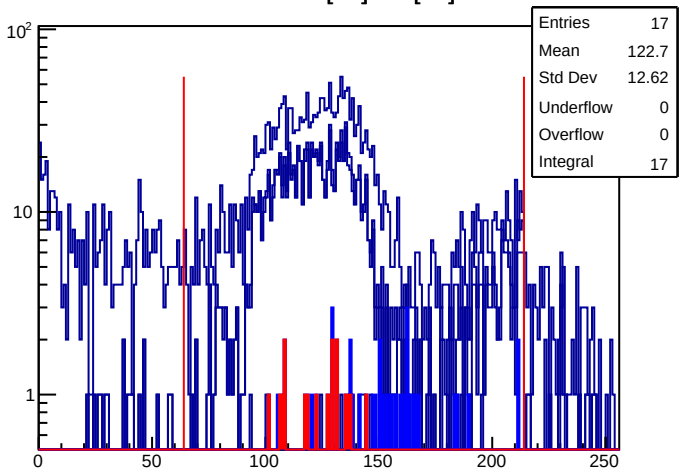

pKurama Sch[32]-Tof[14]
Entries 4613
Mean 0.9026
Std Dev 0.1311
Underflow 0
Overflow 10
Integral 4603

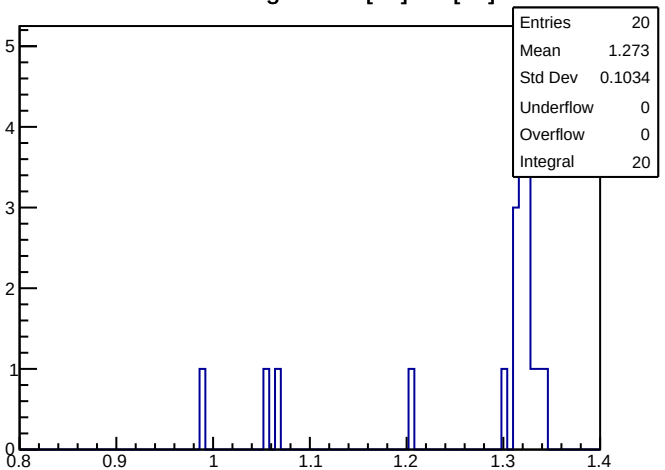

sftx all Sch[32]-Tof[15]
Entries 346
Mean 93.97
Std Dev 7.093
Underflow 0
Overflow 0
Integral 346

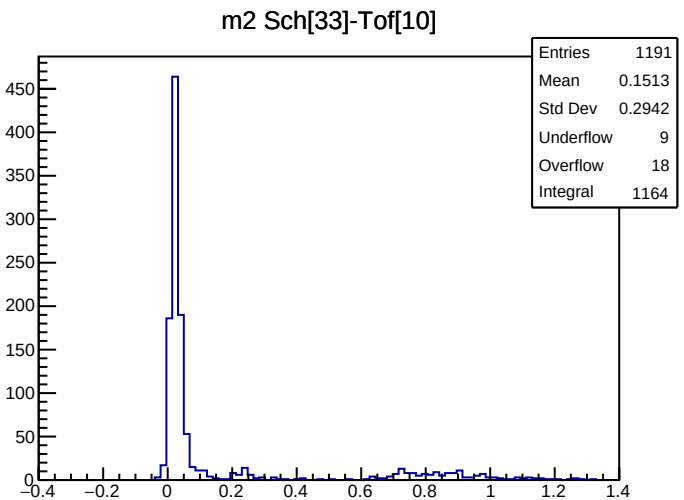

MissMass Sigma Sch[32]-Tof[15]
Entries 377
Mean 1.186
Std Dev 0.04157
Underflow 0
Overflow 0
Integral 377

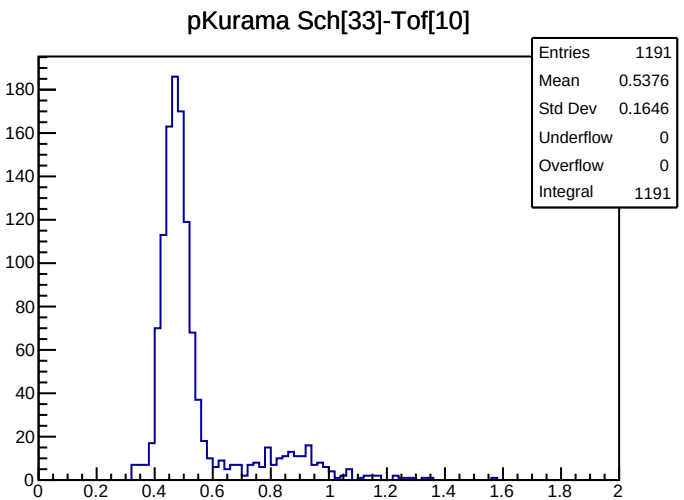

m2 Sch[32]-Tof[15]
Entries 19210
Mean 0.7474
Std Dev 0.2534
Underflow 223
Overflow 451
Integral 1.854e+04

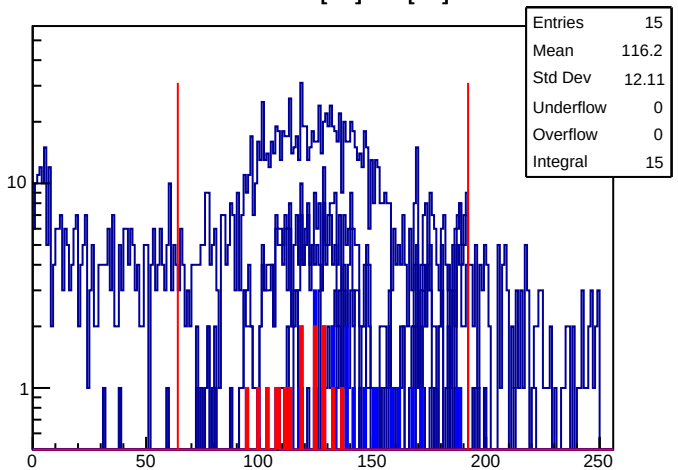

pKurama Sch[32]-Tof[15]
Entries 19210
Mean 0.9962
Std Dev 0.139
Underflow 0
Overflow 18
Integral 1.919e+04

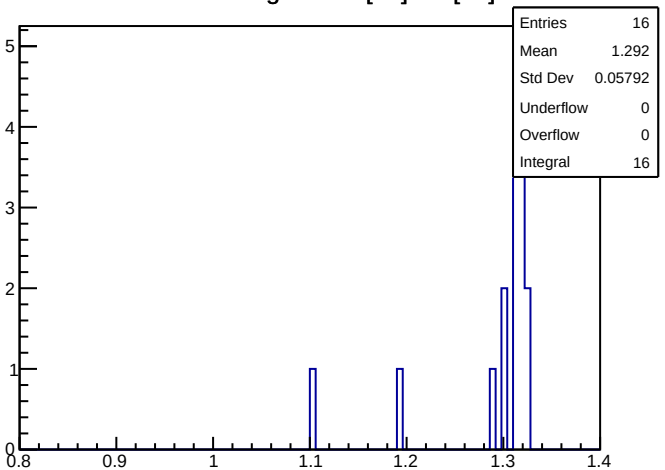

sftx all Sch[33]-Tof[10]
Entries 17
Mean 122.7
Std Dev 12.62
Underflow 0
Overflow 0
Integral 17

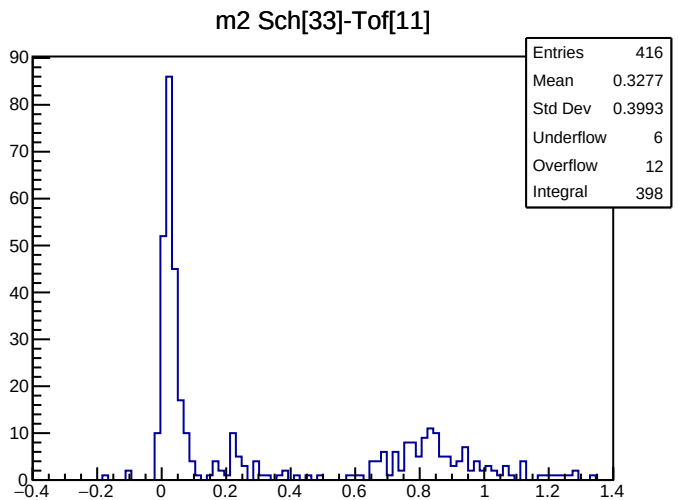

MissMass Sigma Sch[33]-Tof[10]
Entries 20
Mean 1.273
Std Dev 0.1034
Underflow 0
Overflow 0
Integral 20

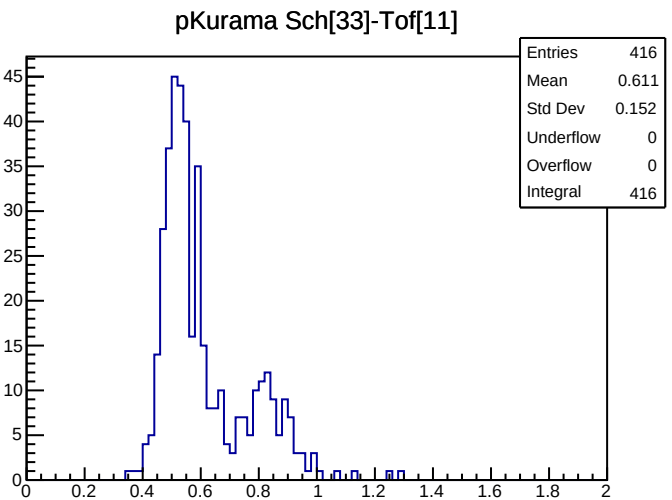

m2 Sch[33]-Tof[10]
Entries 1191
Mean 0.1513
Std Dev 0.2942
Underflow 9
Overflow 18
Integral 1164

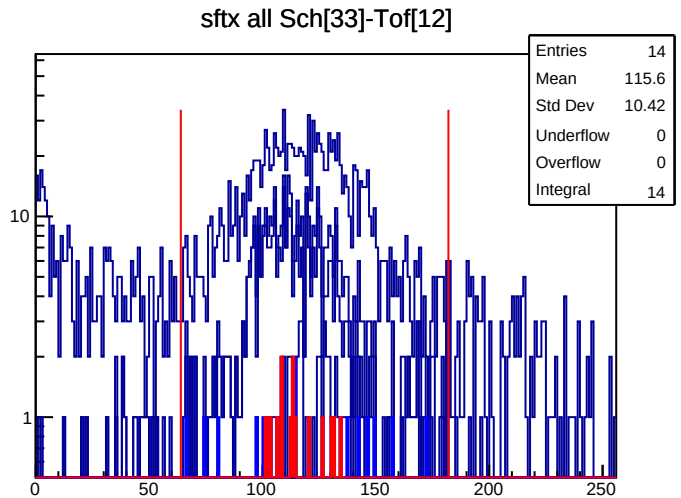

pKurama Sch[33]-Tof[10]
Entries 1191
Mean 0.5376
Std Dev 0.1646
Underflow 0
Overflow 0
Integral 1191

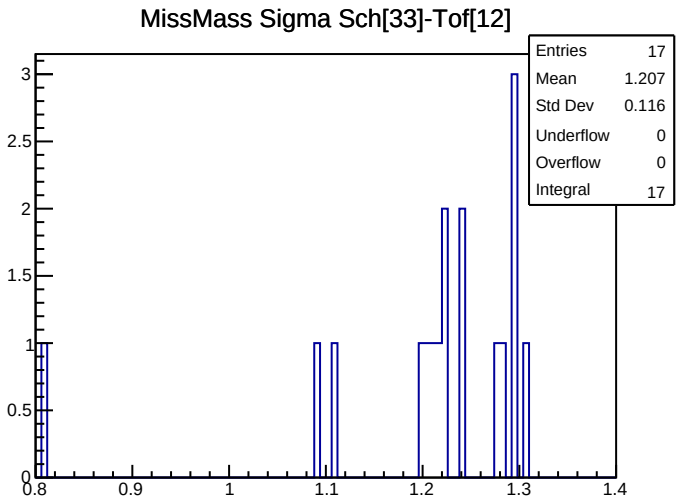

sftx all Sch[33]-Tof[11]
Entries 15
Mean 116.2
Std Dev 12.11
Underflow 0
Overflow 0
Integral 15
10
1
0
50
100
150
200
250

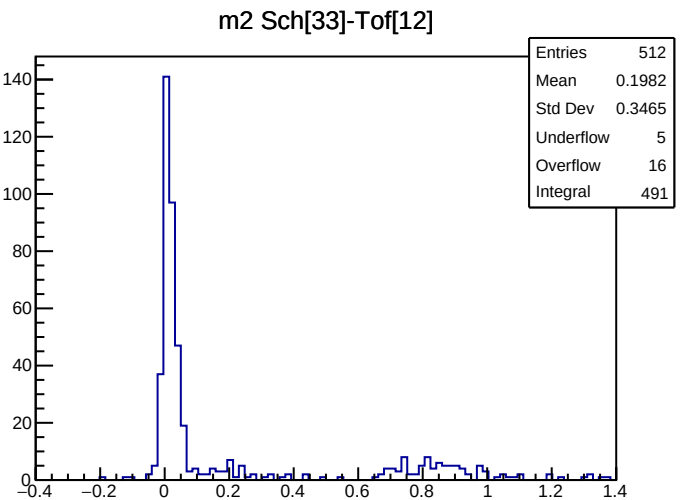

MissMass Sigma Sch[33]-Tof[11]
Entries 16
Mean 1.292
Std Dev 0.05792
Underflow 0
Overflow 0
Integral 16
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

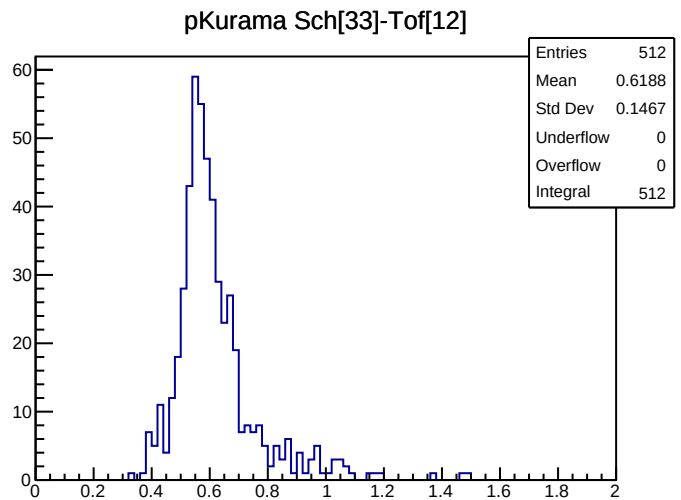

m2 Sch[33]-Tof[11]
Entries 416
Mean 0.3277
Std Dev 0.3993
Underflow 6
Overflow 12
Integral 398
90
80
70
60
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

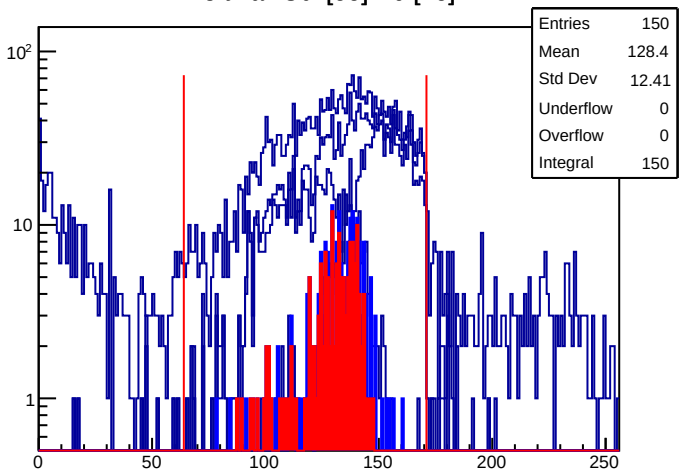

pKurama Sch[33]-Tof[11]
Entries 416
Mean 0.611
Std Dev 0.152
Underflow 0
Overflow 0
Integral 416
45
40
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

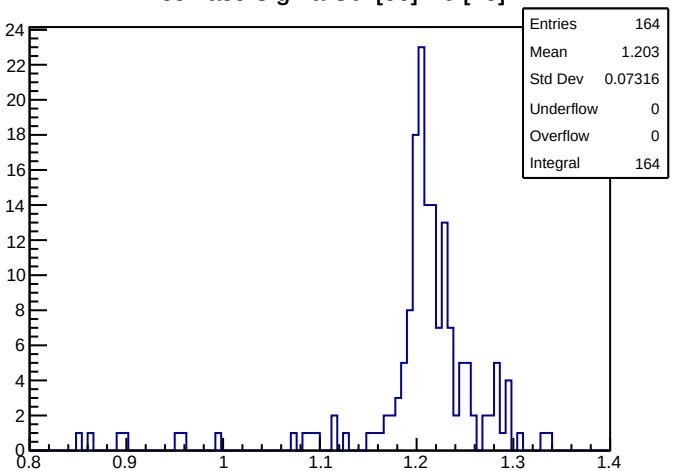

sftx all Sch[33]-Tof[12]
Entries 14
Mean 115.6
Std Dev 10.42
Underflow 0
Overflow 0
Integral 14

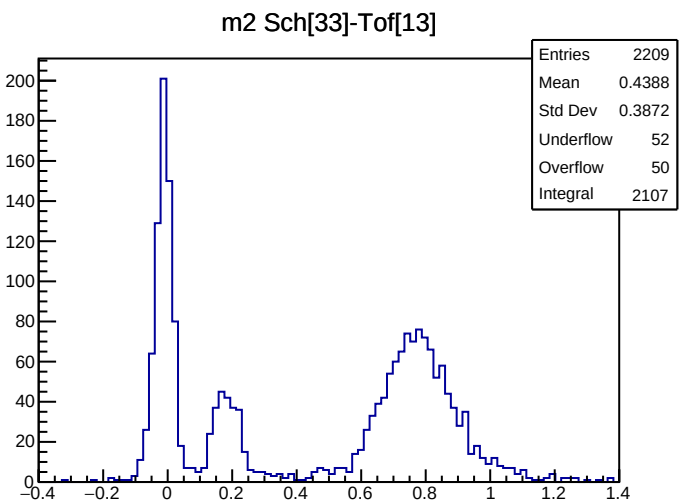

MissMass Sigma Sch[33]-Tof[12]
Entries 17
Mean 1.207
Std Dev 0.116
Underflow 0
Overflow 0
Integral 17

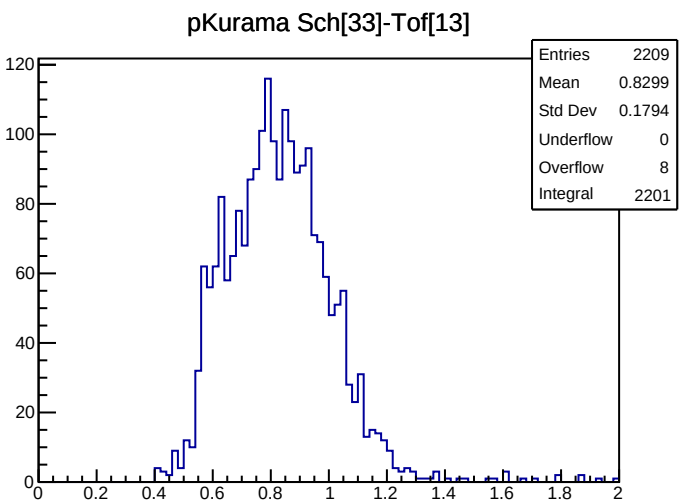

m2 Sch[33]-Tof[12]
Entries 512
Mean 0.1982
Std Dev 0.3465
Underflow 5
Overflow 16
Integral 491

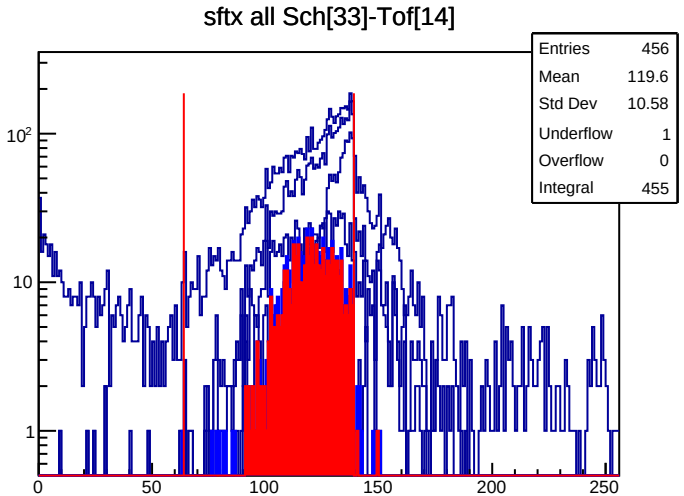

pKurama Sch[33]-Tof[12]
Entries 512
Mean 0.6188
Std Dev 0.1467
Underflow 0
Overflow 0
Integral 512

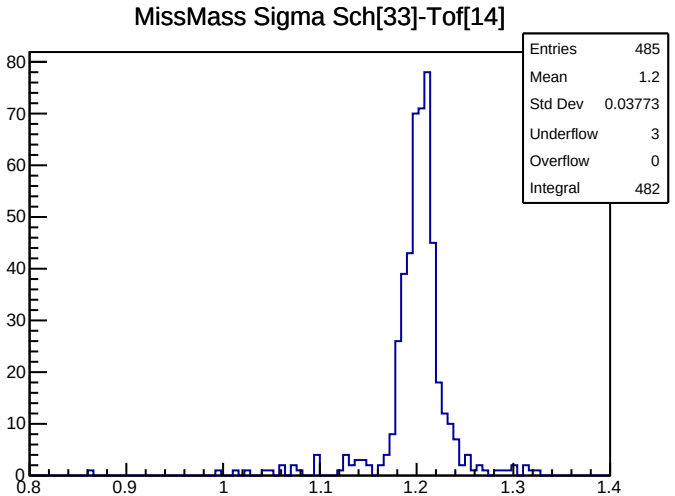

sftx all Sch[33]-Tof[13]
Entries 150
Mean 128.4
Std Dev 12.41
Underflow 0
Overflow 0
Integral 150

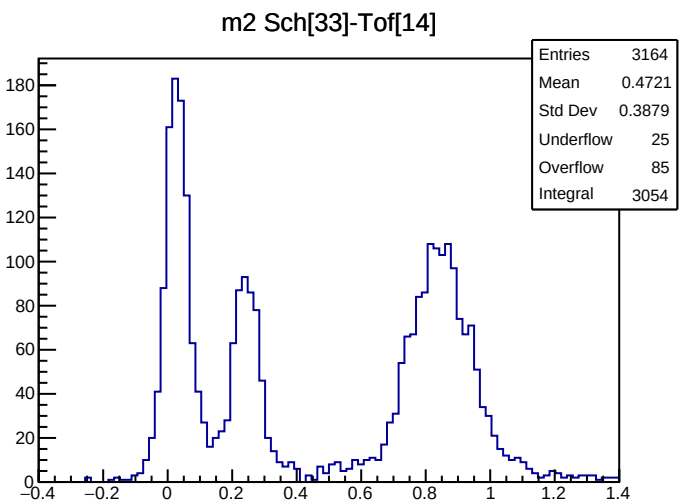

MissMass Sigma Sch[33]-Tof[13]
Entries 164
Mean 1.203
Std Dev 0.07316
Underflow 0
Overflow 0
Integral 164

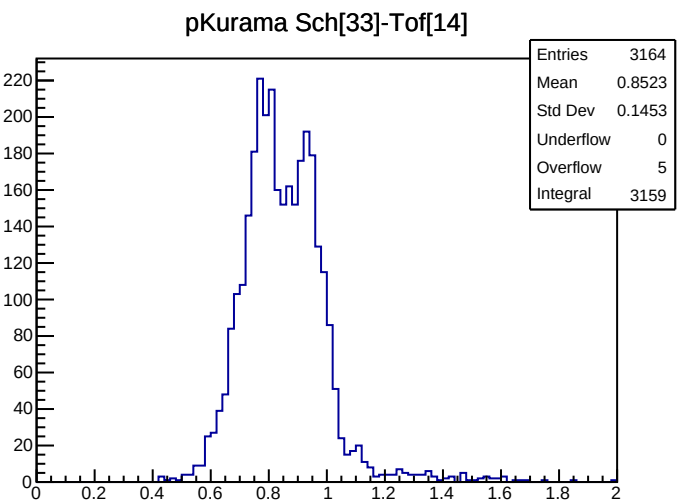

m2 Sch[33]-Tof[13]
Entries 2209
Mean 0.4388
Std Dev 0.3872
Underflow 52
Overflow 50
Integral 2107

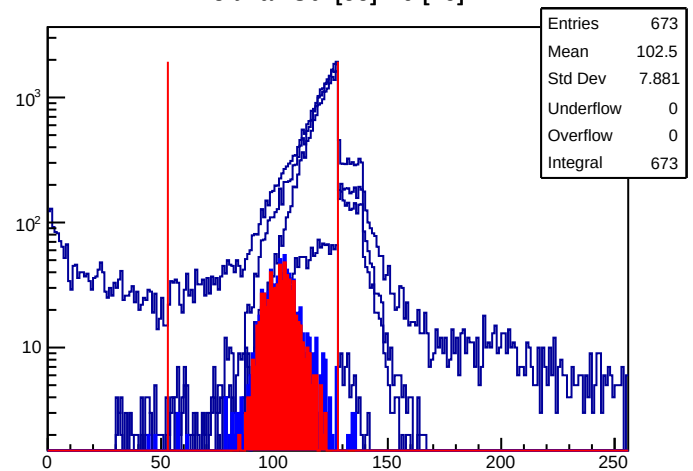

pKurama Sch[33]-Tof[13]
Entries 2209
Mean 0.8299
Std Dev 0.1794
Underflow 0
Overflow 8
Integral 2201

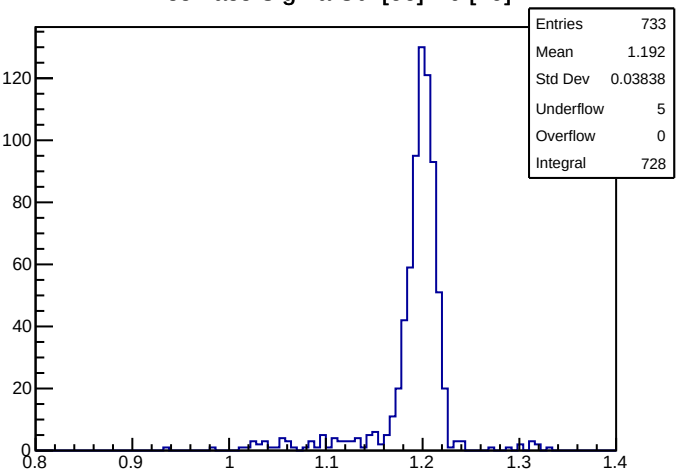

sftx all Sch[33]-Tof[14]
Entries 456
Mean 119.6
Std Dev 10.58
Underflow 1
Overflow 0
Integral 455

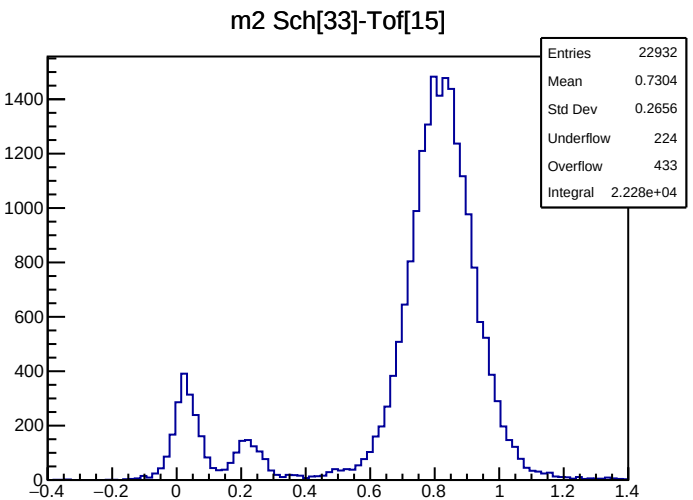

MissMass Sigma Sch[33]-Tof[14]
Entries 485
Mean 1.2
Std Dev 0.03773
Underflow 3
Overflow 0
Integral 482

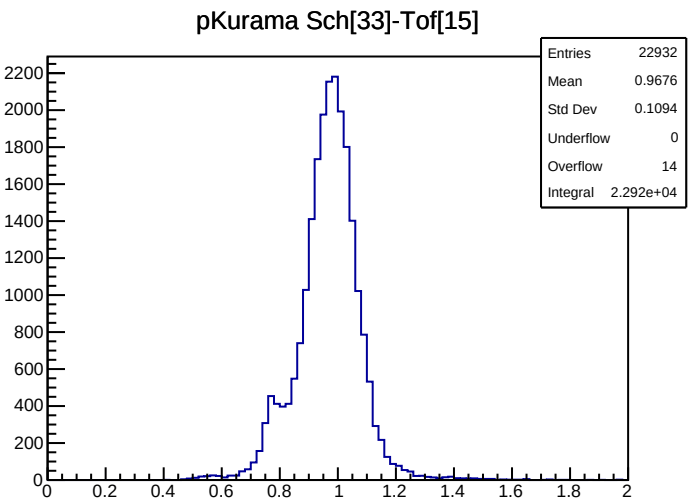

m2 Sch[33]-Tof[14]
Entries 3164
Mean 0.4721
Std Dev 0.3879
Underflow 25
Overflow 85
Integral 3054

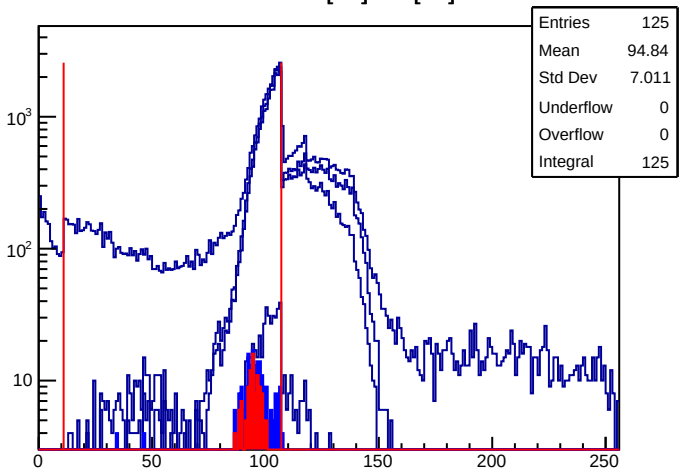

pKurama Sch[33]-Tof[14]
Entries 3164
Mean 0.8523
Std Dev 0.1453
Underflow 0
Overflow 5
Integral 3159

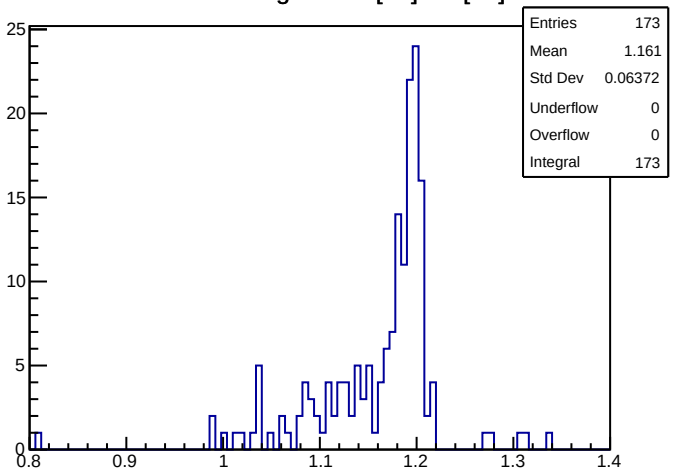

sftx all Sch[33]-Tof[15]
Entries 673
Mean 102.5
Std Dev 7.881
Underflow 0
Overflow 0
Integral 673

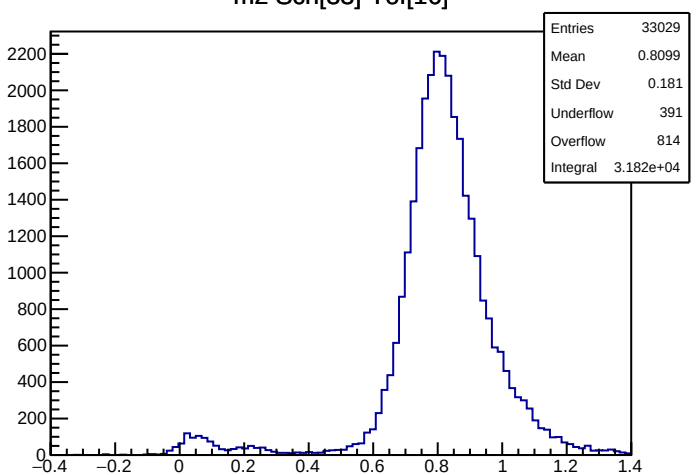

MissMass Sigma Sch[33]-Tof[15]
Entries 733
Mean 1.192
Std Dev 0.03838
Underflow 5
Overflow 0
Integral 728

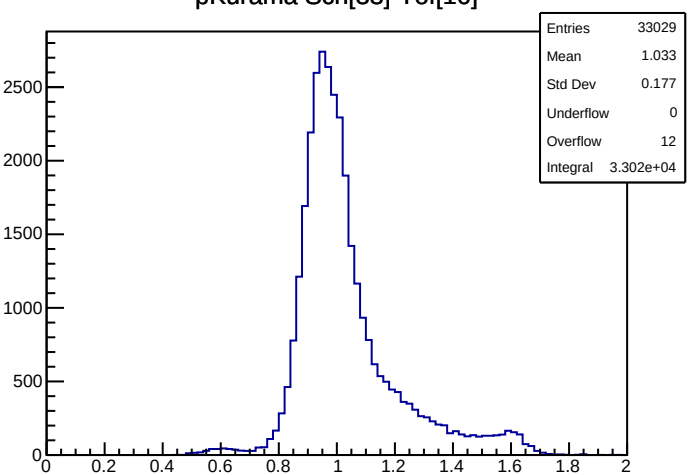

m2 Sch[33]-Tof[15]
Entries 22932
Mean 0.7304
Std Dev 0.2656
Underflow 224
Overflow 433
Integral 2.228e+04

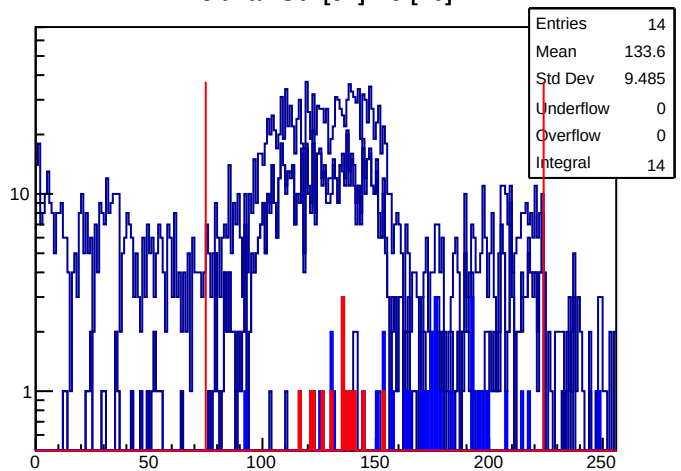

pKurama Sch[33]-Tof[15]
Entries 22932
Mean 0.9676
Std Dev 0.1094
Underflow 0
Overflow 14
Integral 2.292e+04

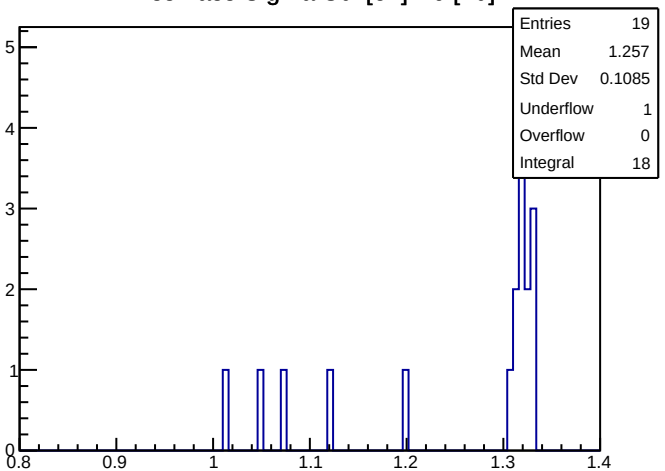

sftx all Sch[33]-Tof[16]
Entries 125
Mean 94.84
Std Dev 7.011
Underflow 0
Overflow 0
Integral 125

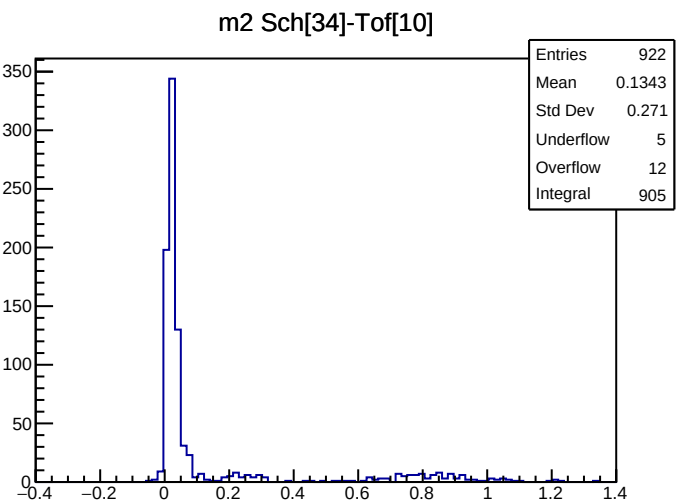

MissMass Sigma Sch[33]-Tof[16]
Entries 173
Mean 1.161
Std Dev 0.06372
Underflow 0
Overflow 0
Integral 173

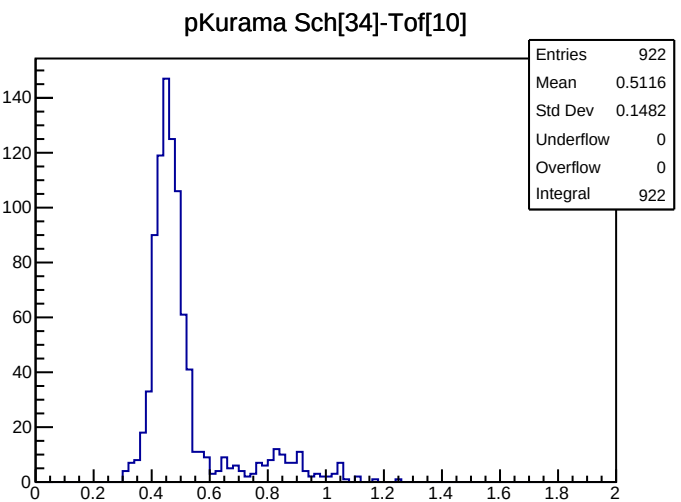

m2 Sch[33]-Tof[16]
Entries 33029
Mean 0.8099
Std Dev 0.181
Underflow 391
Overflow 814
Integral 3.182e+04

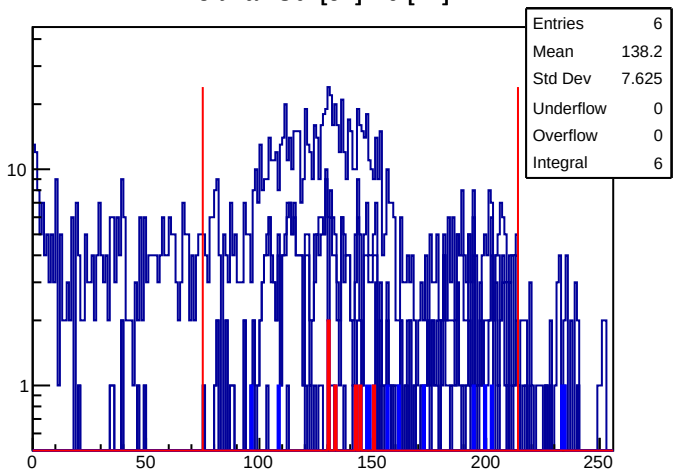

pKurama Sch[33]-Tof[16]
Entries 33029
Mean 1.033
Std Dev 0.177
Underflow 0
Overflow 12
Integral 3.302e+04

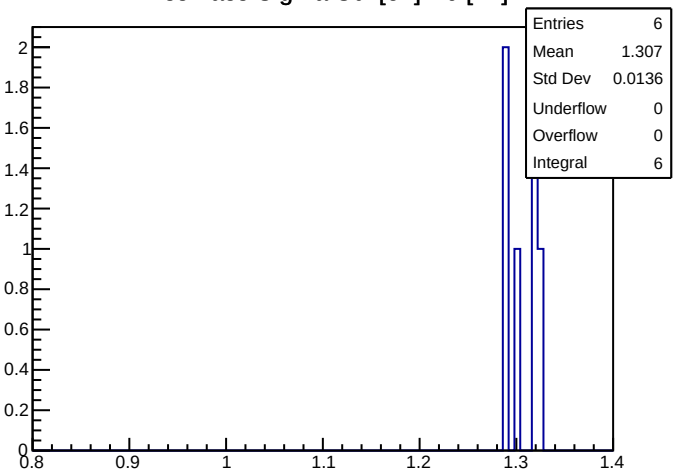

sftx all Sch[34]-Tof[10]
Entries 14
Mean 133.6
Std Dev 9.485
Underflow 0
Overflow 0
Integral 14
10
1
0
50
100
150
200
250

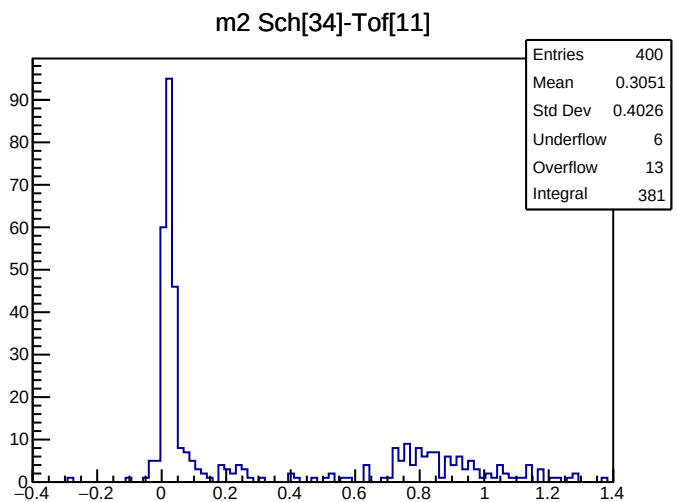

MissMass Sigma Sch[34]-Tof[10]
Entries 19
Mean 1.257
Std Dev 0.1085
Underflow 1
Overflow 0
Integral 18
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

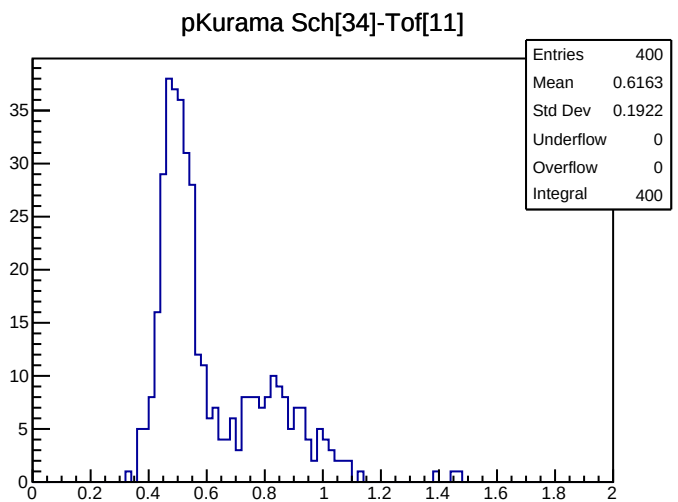

m2 Sch[34]-Tof[10]
Entries 922
Mean 0.1343
Std Dev 0.271
Underflow 5
Overflow 12
Integral 905
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

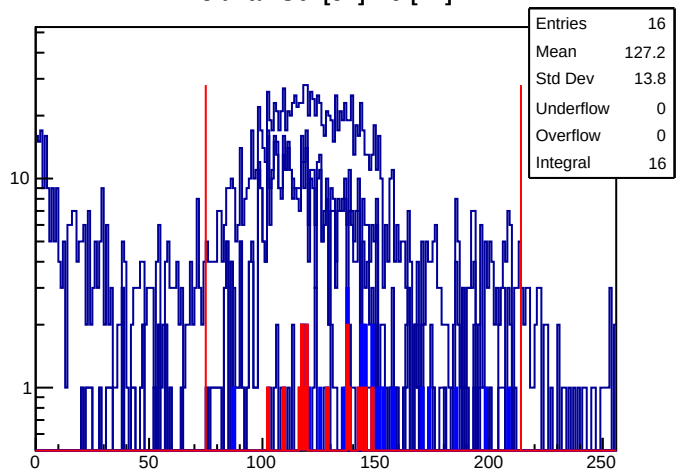

pKurama Sch[34]-Tof[10]
Entries 922
Mean 0.5116
Std Dev 0.1482
Underflow 0
Overflow 0
Integral 922
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

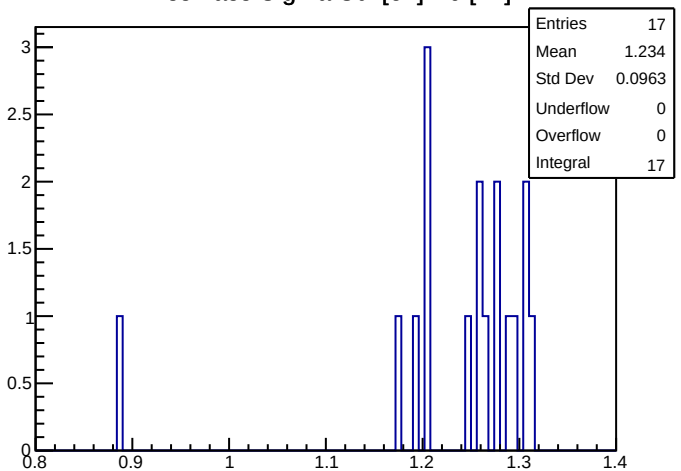

sftx all Sch[34]-Tof[11]
Entries 6
Mean 138.2
Std Dev 7.625
Underflow 0
Overflow 0
Integral 6
10
1
0
50
100
150
200
250

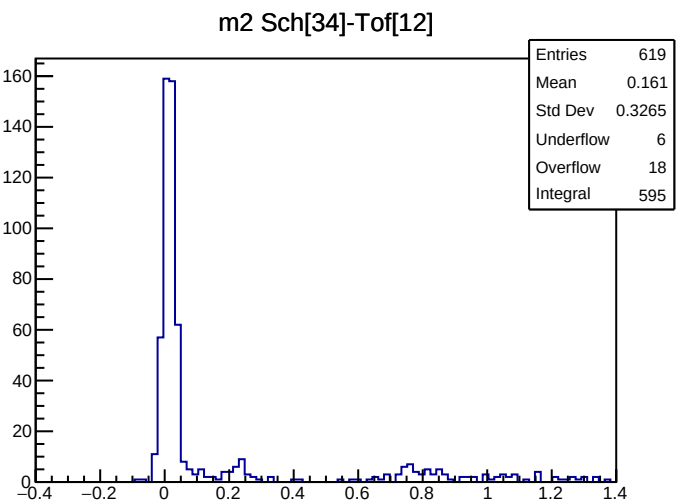

MissMass Sigma Sch[34]-Tof[11]
Entries 6
Mean 1.307
Std Dev 0.0136
Underflow 0
Overflow 0
Integral 6
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

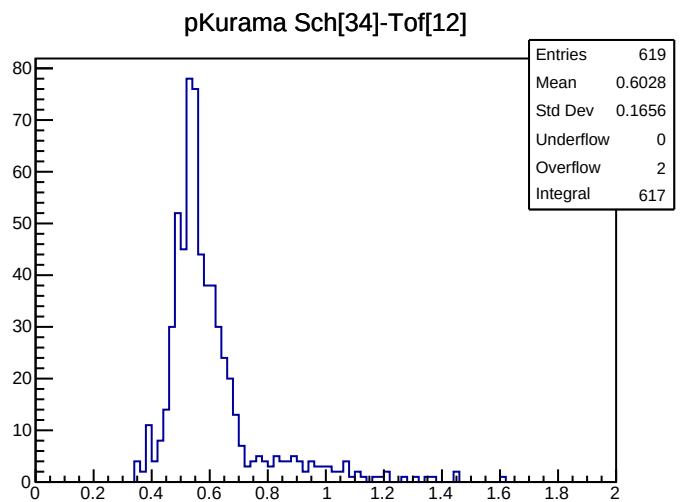

m2 Sch[34]-Tof[11]
Entries 400
Mean 0.3051
Std Dev 0.4026
Underflow 6
Overflow 13
Integral 381
90
80
70
60
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

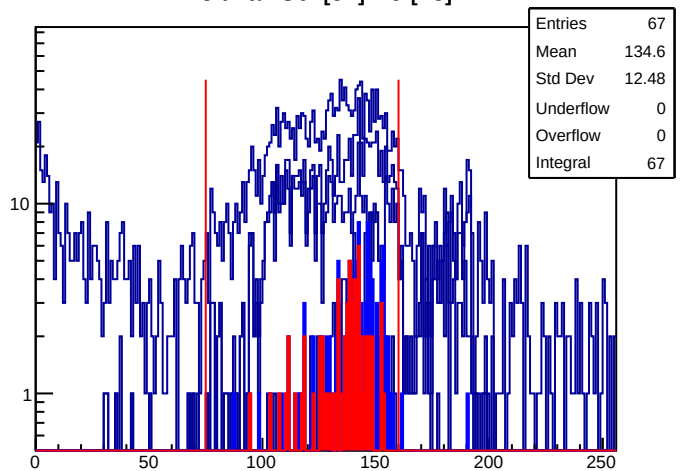

pKurama Sch[34]-Tof[11]
Entries 400
Mean 0.6163
Std Dev 0.1922
Underflow 0
Overflow 0
Integral 400
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

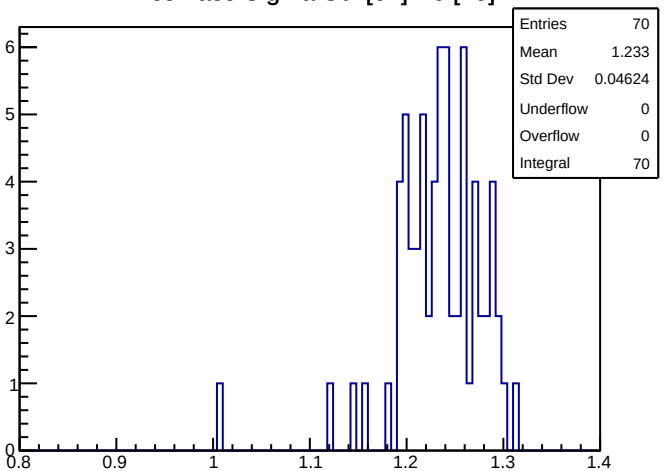

sftx all Sch[34]-Tof[12]
Entries 16
Mean 127.2
Std Dev 13.8
Underflow 0
Overflow 0
Integral 16
10
1
0
50
100
150
200
250

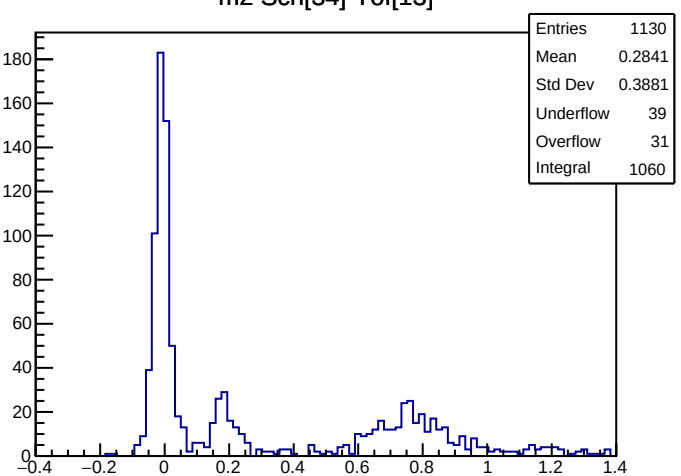

MissMass Sigma Sch[34]-Tof[12]
Entries 17
Mean 1.234
Std Dev 0.0963
Underflow 0
Overflow 0
Integral 17
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

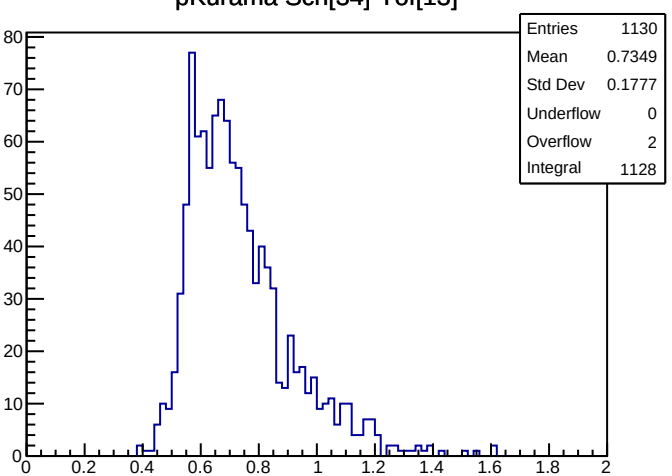

m2 Sch[34]-Tof[12]
Entries 619
Mean 0.161
Std Dev 0.3265
Underflow 6
Overflow 18
Integral 595
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

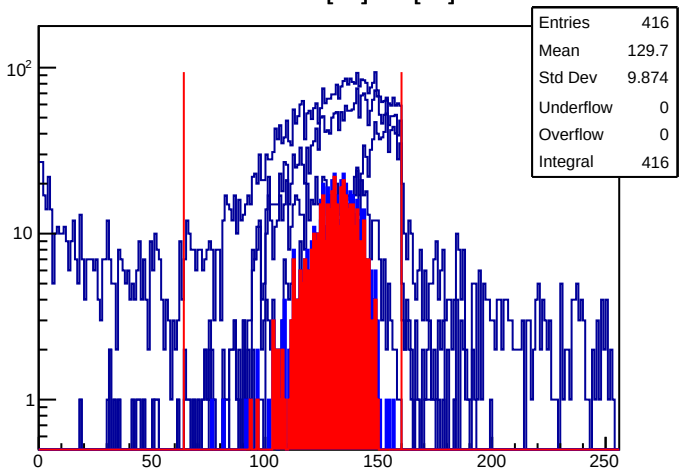

pKurama Sch[34]-Tof[12]
Entries 619
Mean 0.6028
Std Dev 0.1656
Underflow 0
Overflow 2
Integral 617
80
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

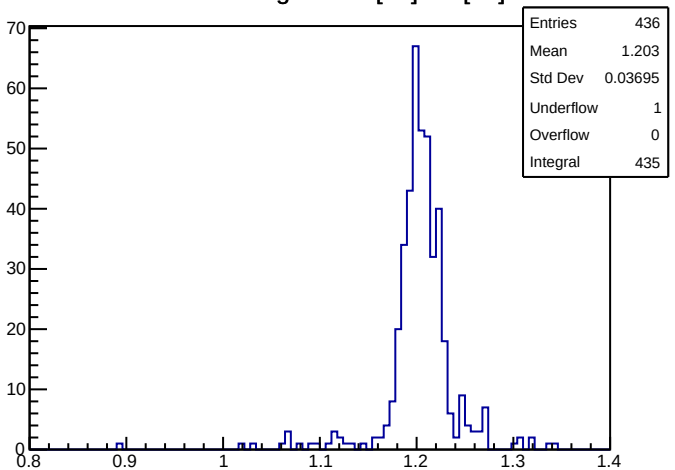

sftx all Sch[34]-Tof[13]
Entries 67
Mean 134.6
Std Dev 12.48
Underflow 0
Overflow 0
Integral 67
10
1
0
50
100
150
200
250

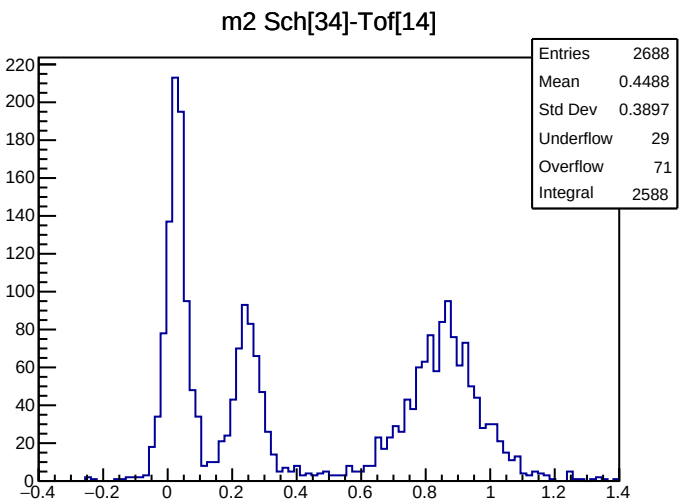

MissMass Sigma Sch[34]-Tof[13]
Entries 70
Mean 1.233
Std Dev 0.04624
Underflow 0
Overflow 0
Integral 70
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

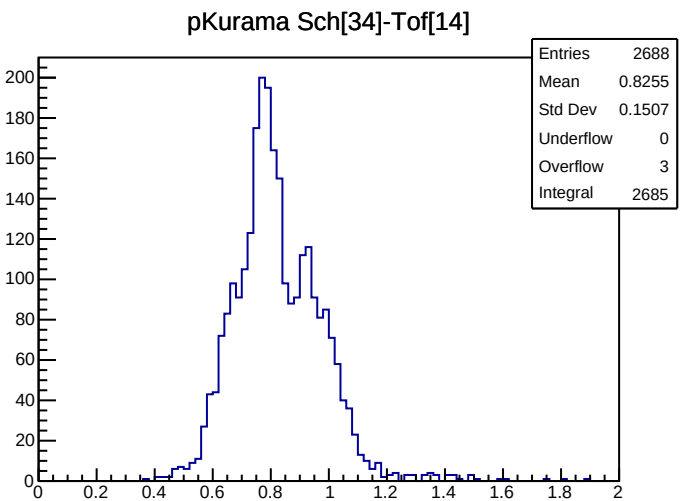

m2 Sch[34]-Tof[13]
Entries 1130
Mean 0.2841
Std Dev 0.3881
Underflow 39
Overflow 31
Integral 1060
180
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

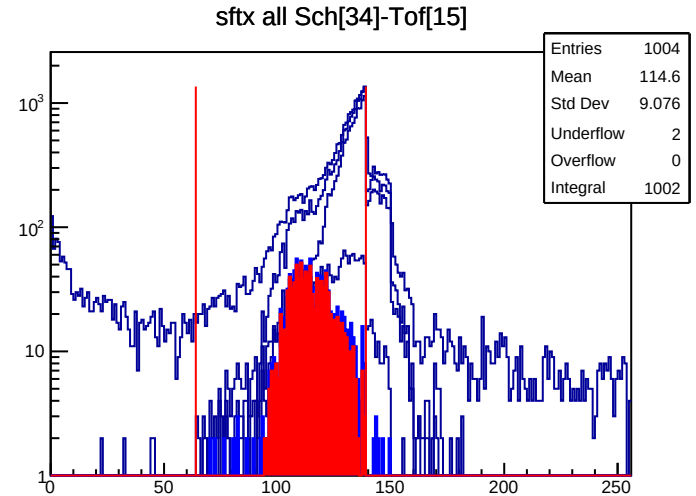

pKurama Sch[34]-Tof[13]
Entries 1130
Mean 0.7349
Std Dev 0.1777
Underflow 0
Overflow 2
Integral 1128
80
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

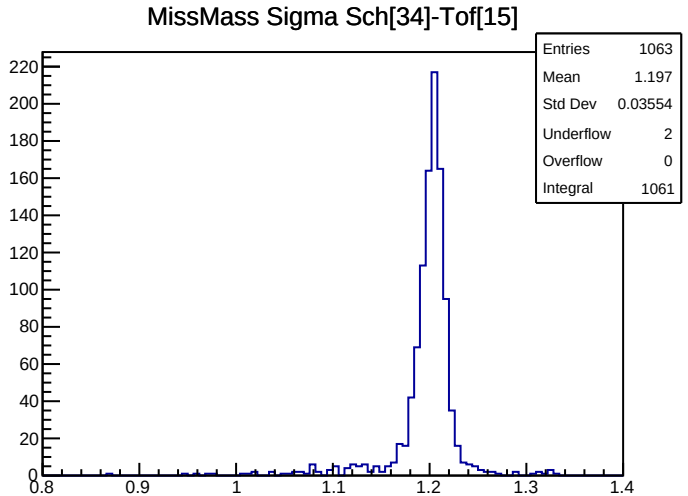

sftx all Sch[34]-Tof[14]
Entries 416
Mean 129.7
Std Dev 9.874
Underflow 0
Overflow 0
Integral 416

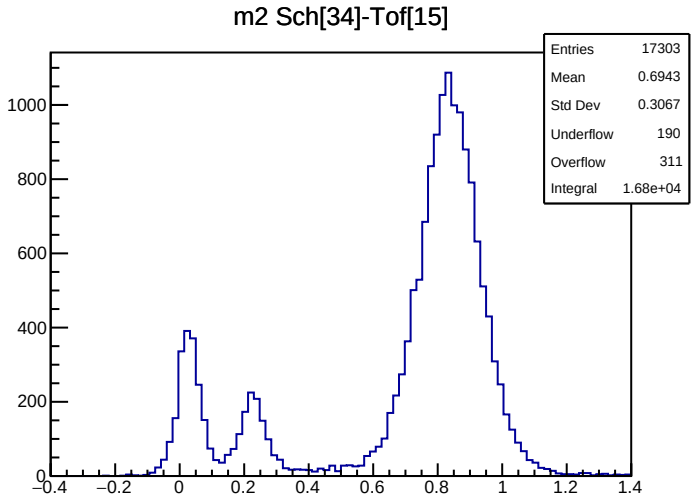

MissMass Sigma Sch[34]-Tof[14]
Entries 436
Mean 1.203
Std Dev 0.03695
Underflow 1
Overflow 0
Integral 435

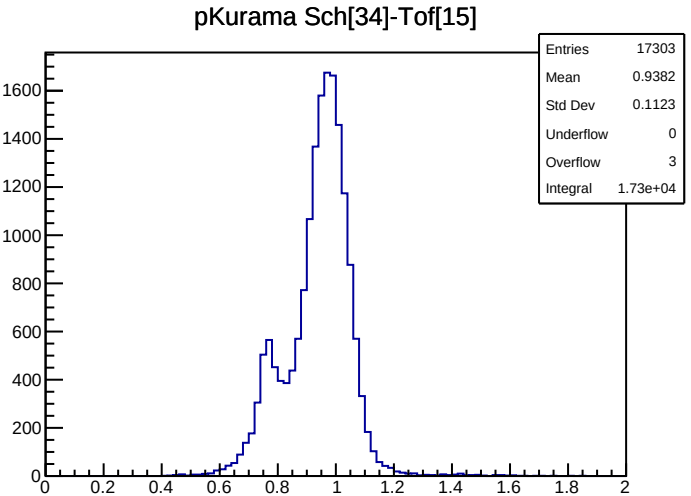

m2 Sch[34]-Tof[14]
Entries 2688
Mean 0.4488
Std Dev 0.3897
Underflow 29
Overflow 71
Integral 2588

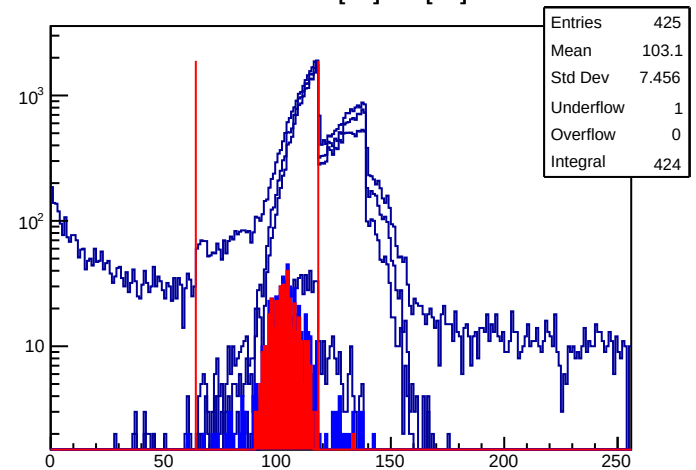

pKurama Sch[34]-Tof[14]
Entries 2688
Mean 0.8255
Std Dev 0.1507
Underflow 0
Overflow 3
Integral 2685

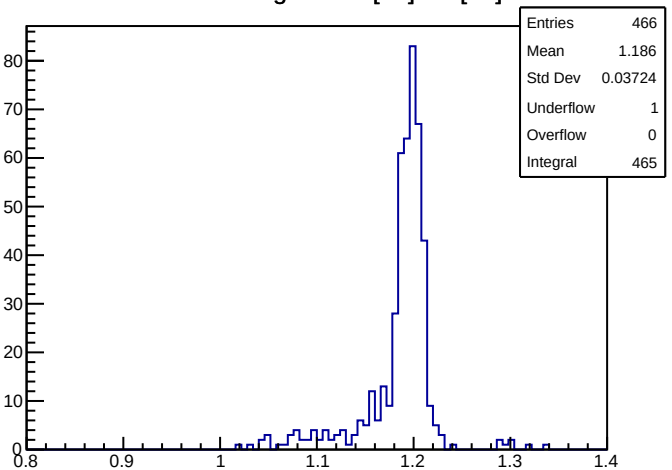

sftx all Sch[34]-Tof[15]
Entries 1004
Mean 114.6
Std Dev 9.076
Underflow 2
Overflow 0
Integral 1002

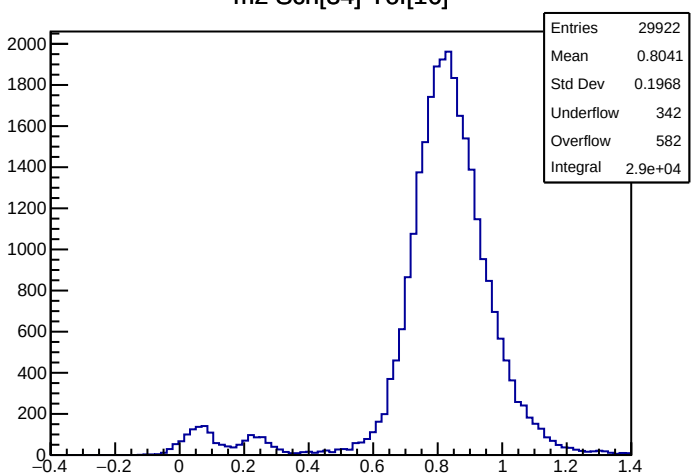

MissMass Sigma Sch[34]-Tof[15]
Entries 1063
Mean 1.197
Std Dev 0.03554
Underflow 2
Overflow 0
Integral 1061

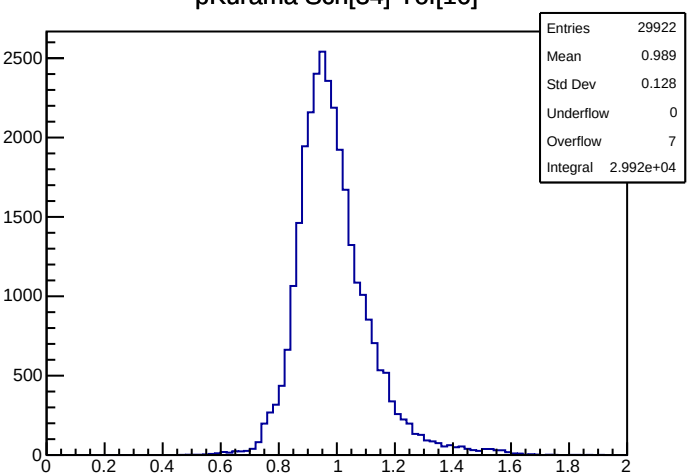

m2 Sch[34]-Tof[15]
Entries 17303
Mean 0.6943
Std Dev 0.3067
Underflow 190
Overflow 311
Integral 1.68e+04

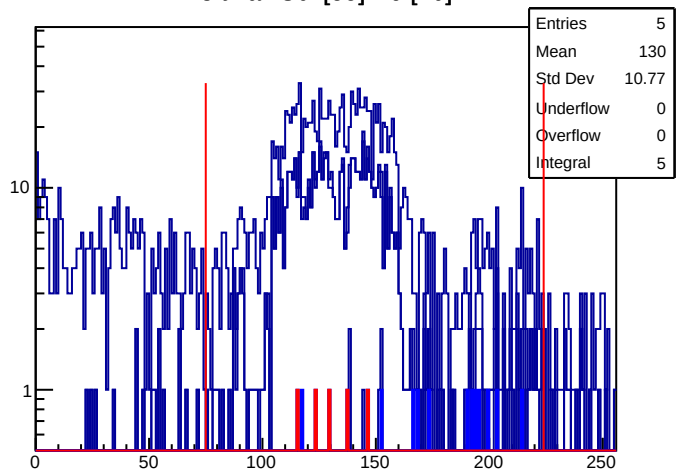

pKurama Sch[34]-Tof[15]
Entries 17303
Mean 0.9382
Std Dev 0.1123
Underflow 0
Overflow 3
Integral 1.73e+04

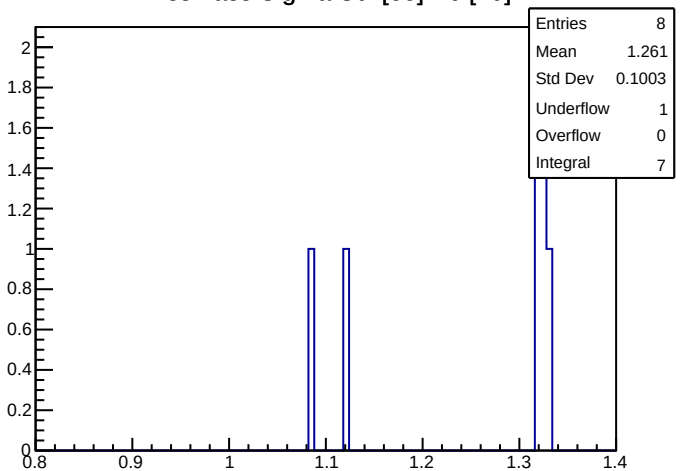

sftx all Sch[34]-Tof[16]
Entries 425
Mean 103.1
Std Dev 7.456
Underflow 1
Overflow 0
Integral 424

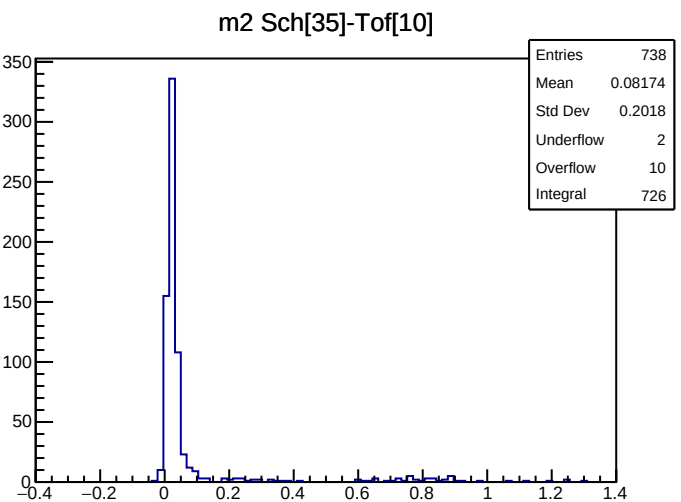

MissMass Sigma Sch[34]-Tof[16]
Entries 466
Mean 1.186
Std Dev 0.03724
Underflow 1
Overflow 0
Integral 465

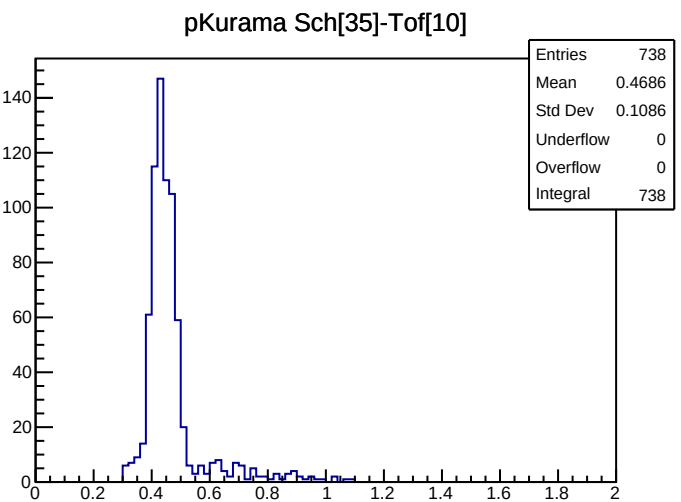

m2 Sch[34]-Tof[16]
Entries 29922
Mean 0.8041
Std Dev 0.1968
Underflow 342
Overflow 582
Integral 2.9e+04

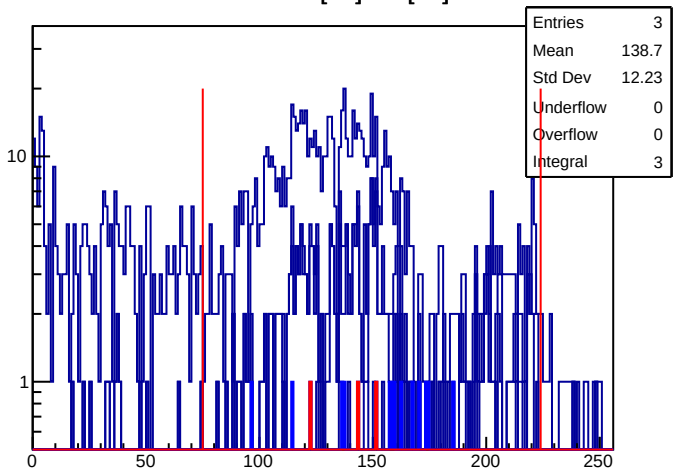

pKurama Sch[34]-Tof[16]
Entries 29922
Mean 0.989
Std Dev 0.128
Underflow 0
Overflow 7
Integral 2.992e+04

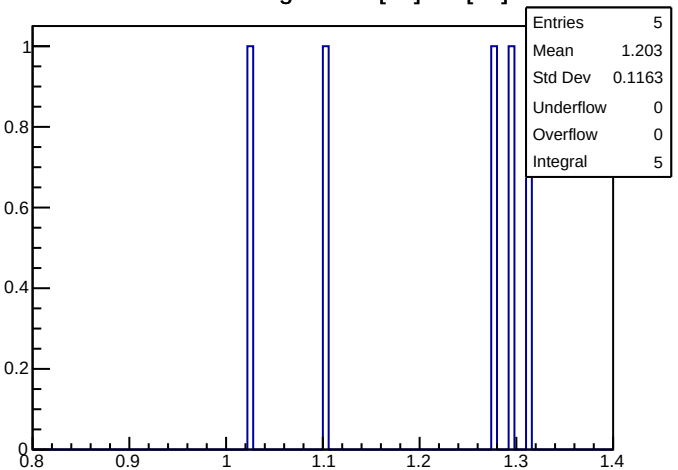

sftx all Sch[35]-Tof[10]
Entries 5
Mean 130
Std Dev 10.77
Underflow 0
Overflow 0
Integral 5
10
1
0
50
100
150
200
250

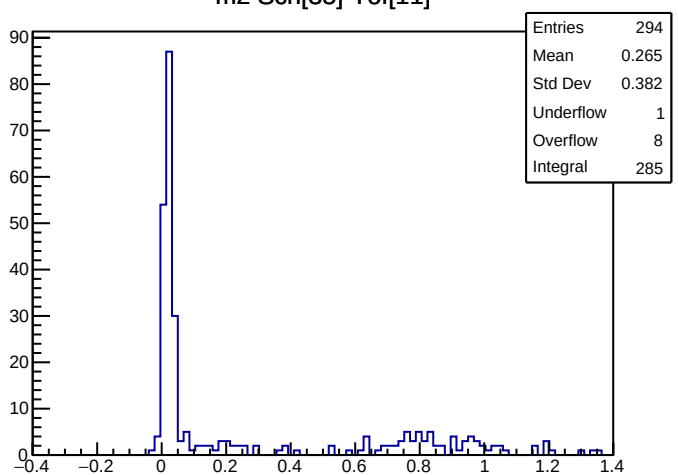

MissMass Sigma Sch[35]-Tof[10]
Entries 8
Mean 1.261
Std Dev 0.1003
Underflow 1
Overflow 0
Integral 7
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

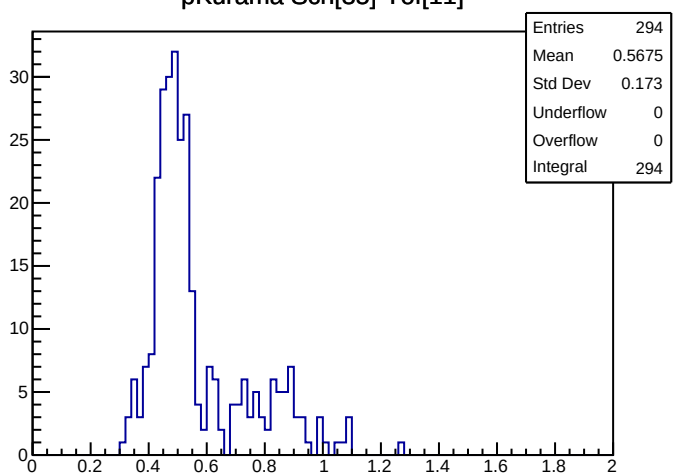

m2 Sch[35]-Tof[10]
Entries 738
Mean 0.08174
Std Dev 0.2018
Underflow 2
Overflow 10
Integral 726
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

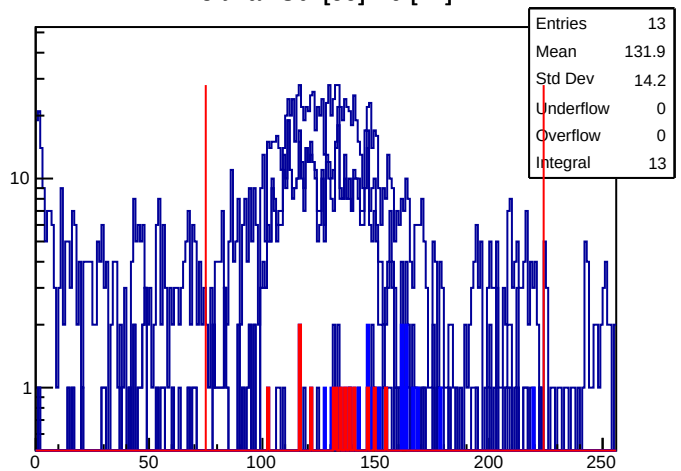

pKurama Sch[35]-Tof[10]
Entries 738
Mean 0.4686
Std Dev 0.1086
Underflow 0
Overflow 0
Integral 738
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

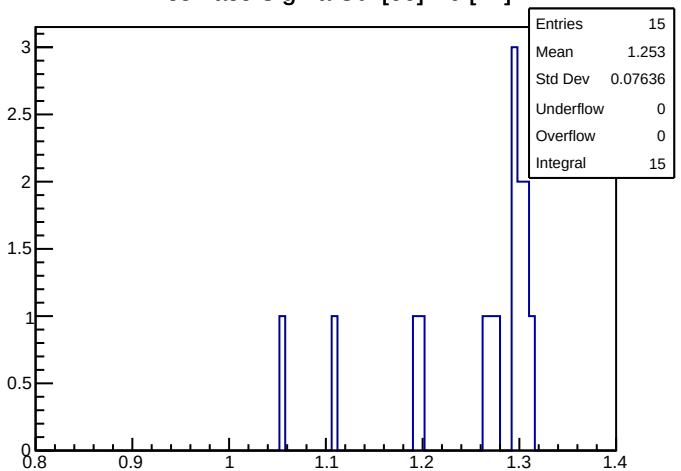

sftx all Sch[35]-Tof[11]
Entries 3
Mean 138.7
Std Dev 12.23
Underflow 0
Overflow 0
Integral 3
10
1
0
50
100
150
200
250

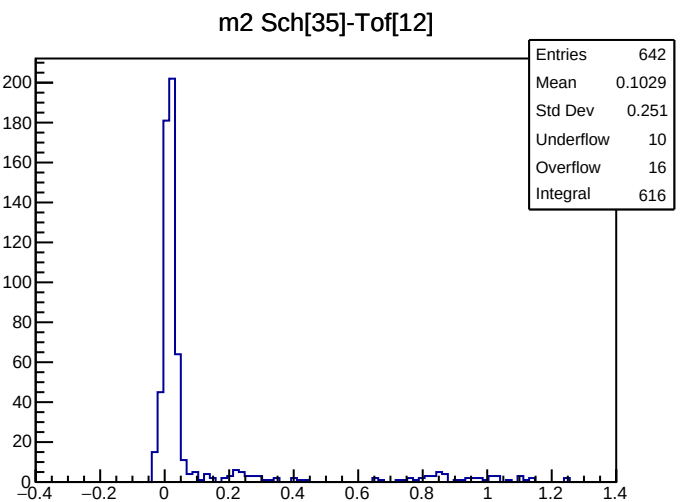

MissMass Sigma Sch[35]-Tof[11]
Entries 5
Mean 1.203
Std Dev 0.1163
Underflow 0
Overflow 0
Integral 5
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

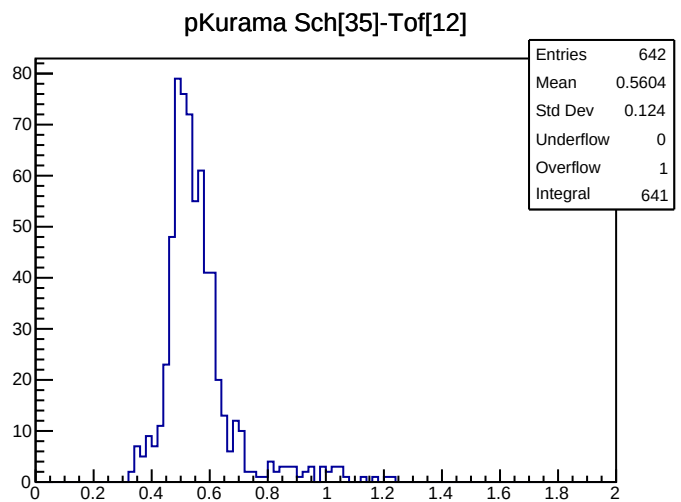

m2 Sch[35]-Tof[11]
Entries 294
Mean 0.265
Std Dev 0.382
Underflow 1
Overflow 8
Integral 285
90
80
70
60
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

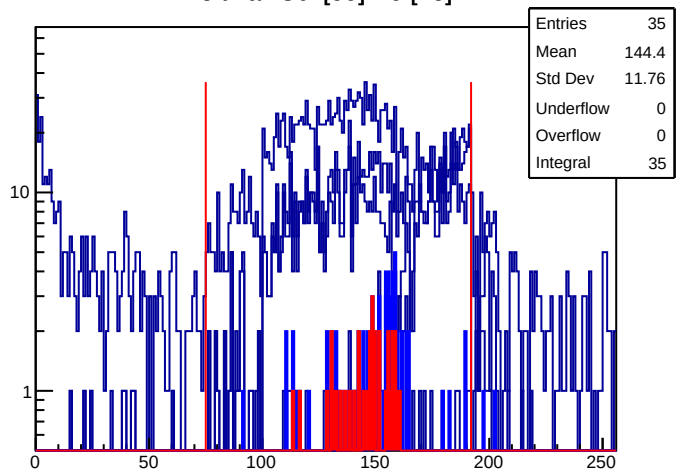

pKurama Sch[35]-Tof[11]
Entries 294
Mean 0.5675
Std Dev 0.173
Underflow 0
Overflow 0
Integral 294
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

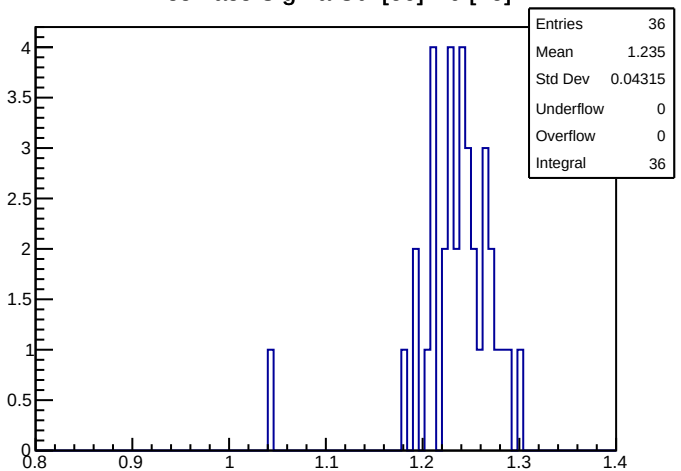

sftx all Sch[35]-Tof[12]
Entries 13
Mean 131.9
Std Dev 14.2
Underflow 0
Overflow 0
Integral 13
10
1
0
50
100
150
200
250

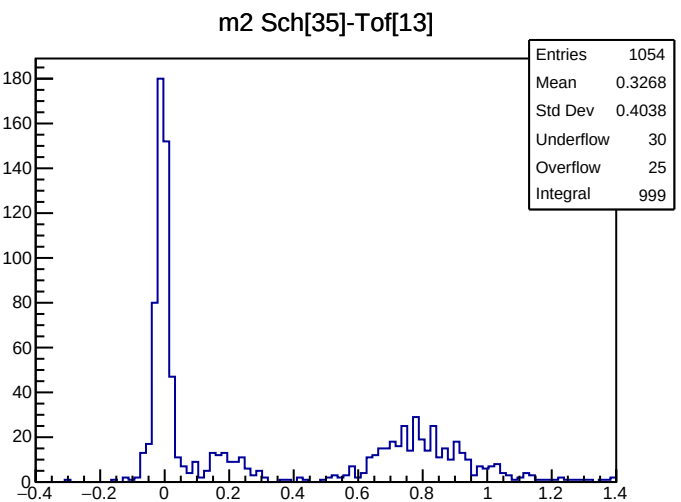

MissMass Sigma Sch[35]-Tof[12]
Entries 15
Mean 1.253
Std Dev 0.07636
Underflow 0
Overflow 0
Integral 15
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

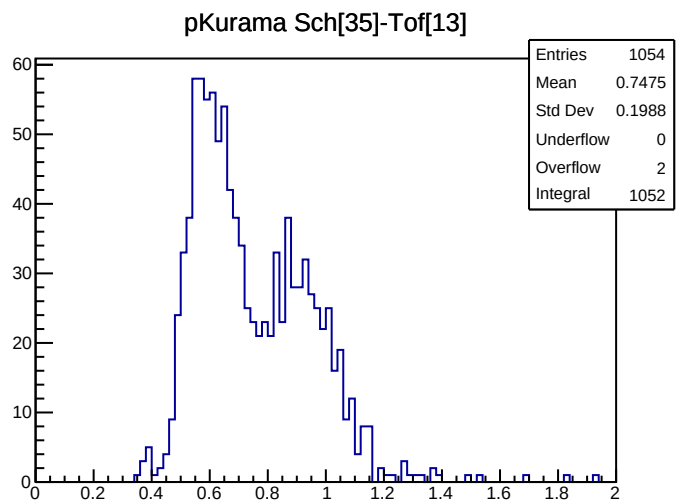

m2 Sch[35]-Tof[12]
Entries 642
Mean 0.1029
Std Dev 0.251
Underflow 10
Overflow 16
Integral 616
200
180
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

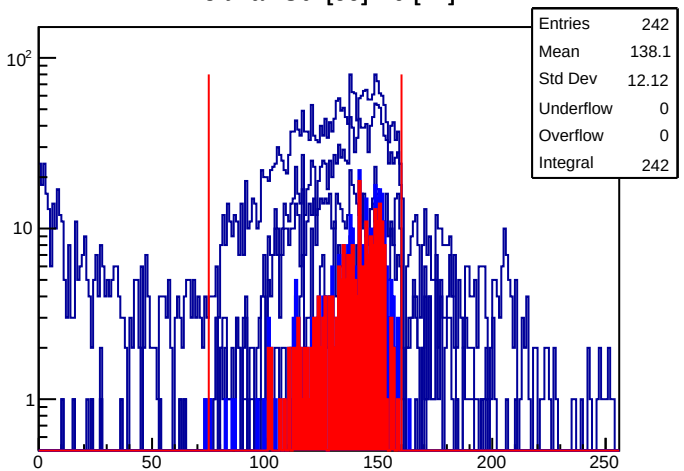

pKurama Sch[35]-Tof[12]
Entries 642
Mean 0.5604
Std Dev 0.124
Underflow 0
Overflow 1
Integral 641
80
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

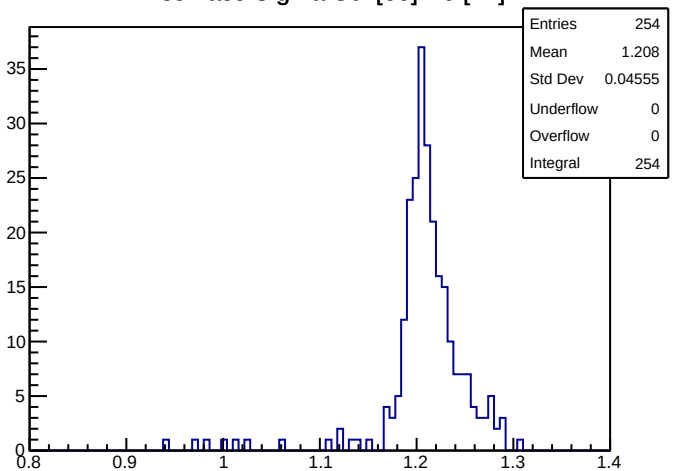

sftx all Sch[35]-Tof[13]
Entries 35
Mean 144.4
Std Dev 11.76
Underflow 0
Overflow 0
Integral 35
10
1
0
50
100
150
200
250

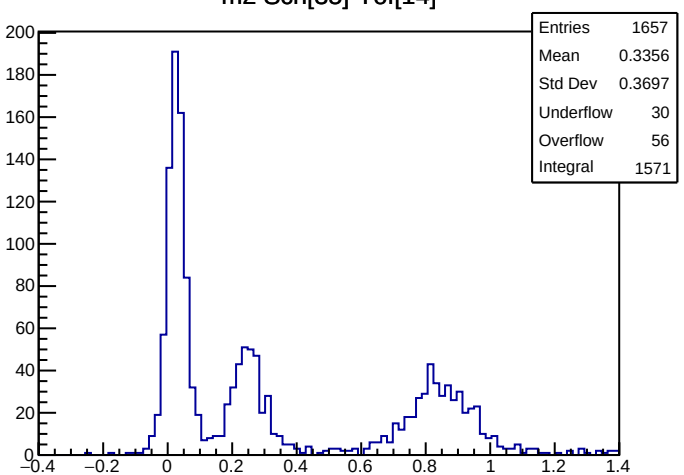

MissMass Sigma Sch[35]-Tof[13]
Entries 36
Mean 1.235
Std Dev 0.04315
Underflow 0
Overflow 0
Integral 36
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

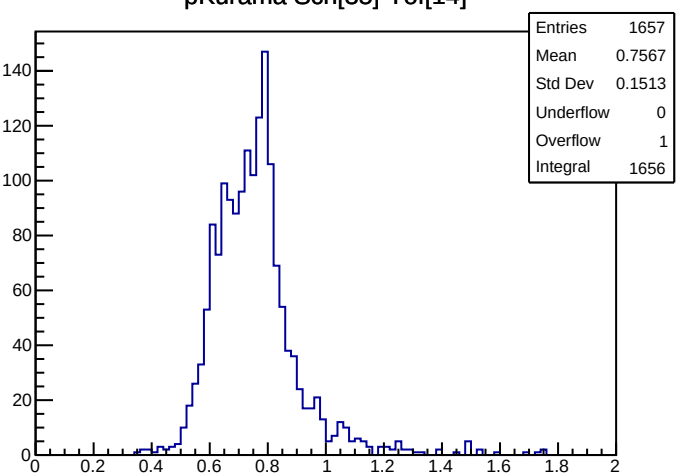

m2 Sch[35]-Tof[13]
Entries 1054
Mean 0.3268
Std Dev 0.4038
Underflow 30
Overflow 25
Integral 999
180
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

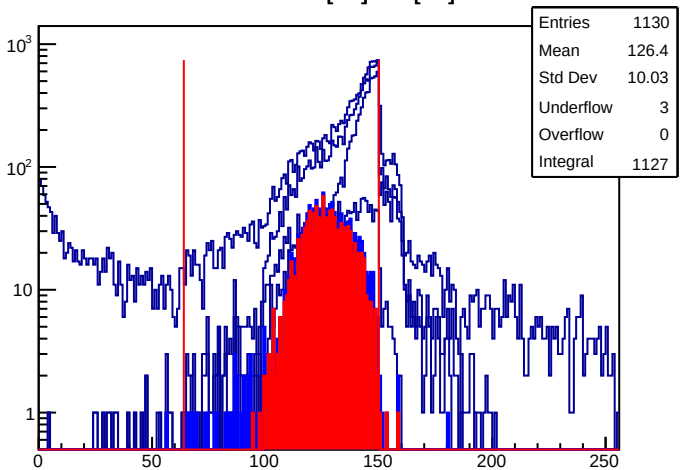

pKurama Sch[35]-Tof[13]
Entries 1054
Mean 0.7475
Std Dev 0.1988
Underflow 0
Overflow 2
Integral 1052
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

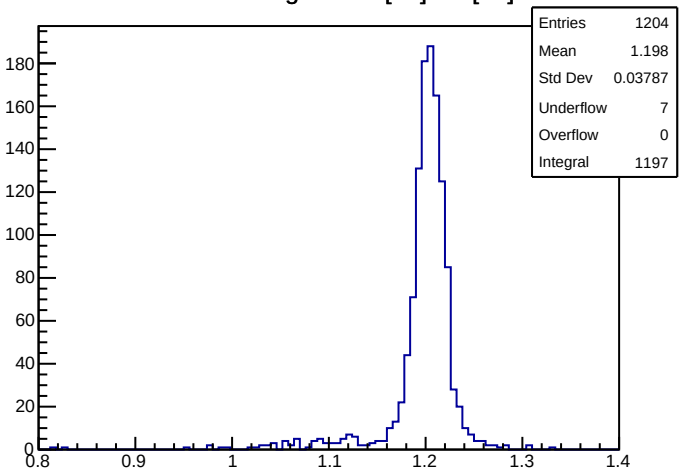

sftx all Sch[35]-Tof[14]
Entries 242
Mean 138.1
Std Dev 12.12
Underflow 0
Overflow 0
Integral 242

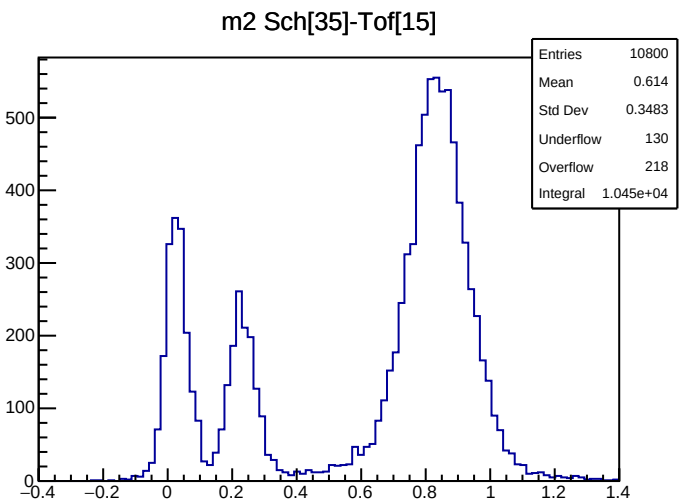

MissMass Sigma Sch[35]-Tof[14]
Entries 254
Mean 1.208
Std Dev 0.04555
Underflow 0
Overflow 0
Integral 254

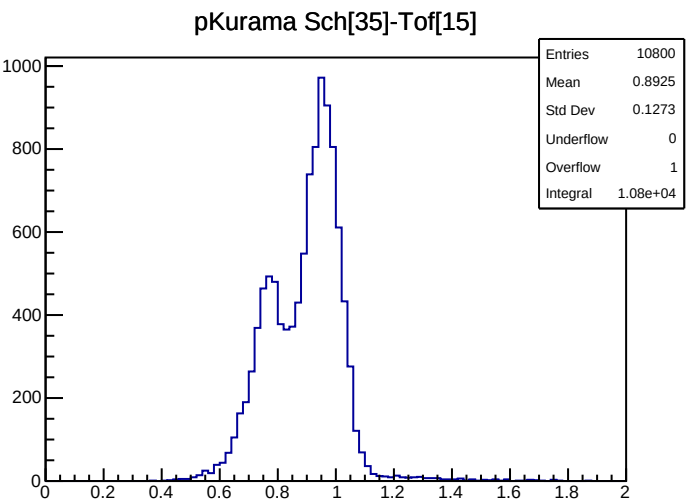

m2 Sch[35]-Tof[14]
Entries 1657
Mean 0.3356
Std Dev 0.3697
Underflow 30
Overflow 56
Integral 1571

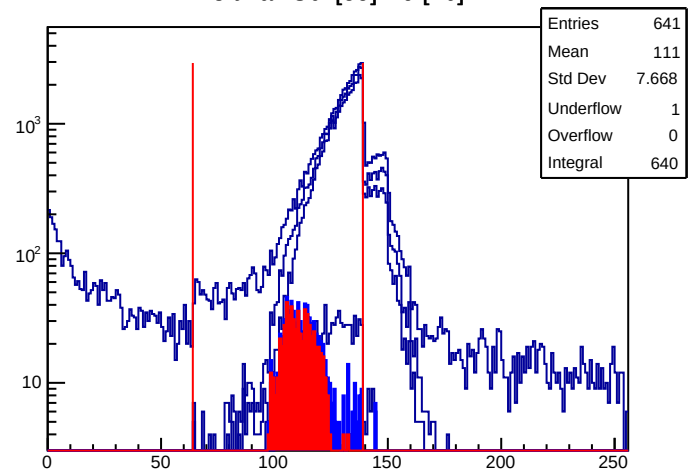

pKurama Sch[35]-Tof[14]
Entries 1657
Mean 0.7567
Std Dev 0.1513
Underflow 0
Overflow 1
Integral 1656

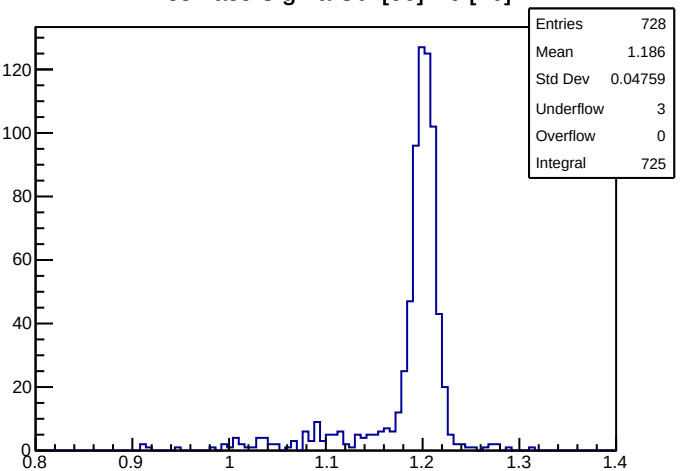

sftx all Sch[35]-Tof[15]
Entries 1130
Mean 126.4
Std Dev 10.03
Underflow 3
Overflow 0
Integral 1127

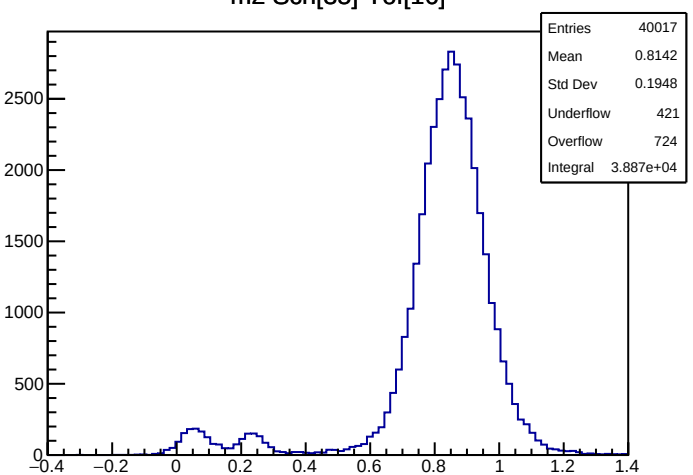

MissMass Sigma Sch[35]-Tof[15]
Entries 1204
Mean 1.198
Std Dev 0.03787
Underflow 7
Overflow 0
Integral 1197

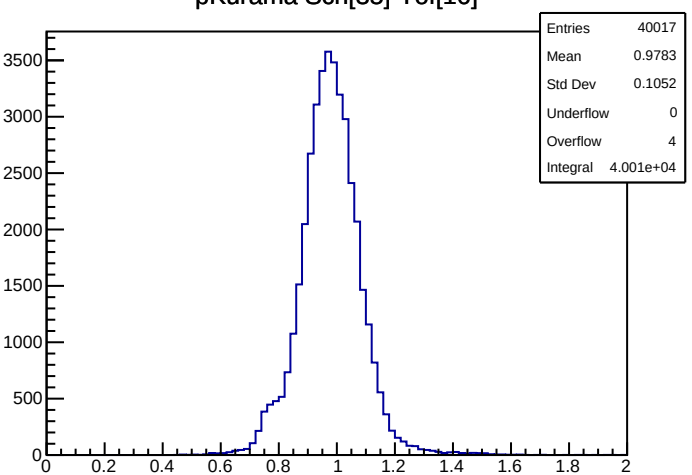

m2 Sch[35]-Tof[15]
Entries 10800
Mean 0.614
Std Dev 0.3483
Underflow 130
Overflow 218
Integral 1.045e+04

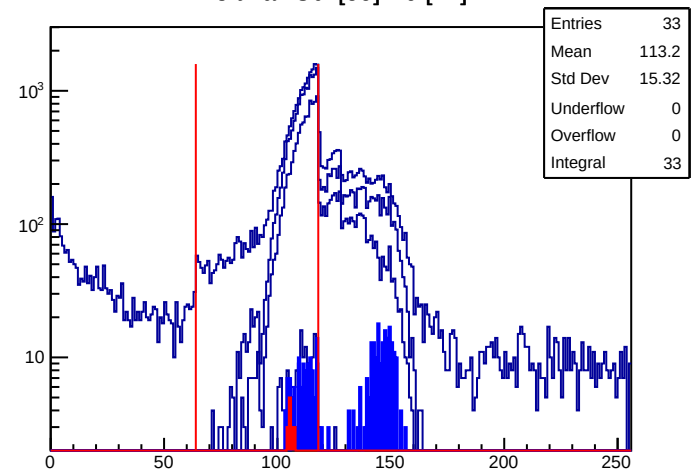

pKurama Sch[35]-Tof[15]
Entries 10800
Mean 0.8925
Std Dev 0.1273
Underflow 0
Overflow 1
Integral 1.08e+04

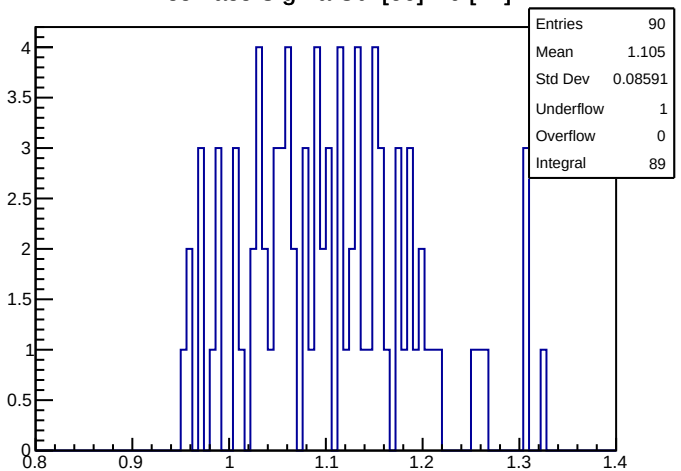

sftx all Sch[35]-Tof[16]
Entries 641
Mean 111
Std Dev 7.668
Underflow 1
Overflow 0
Integral 640

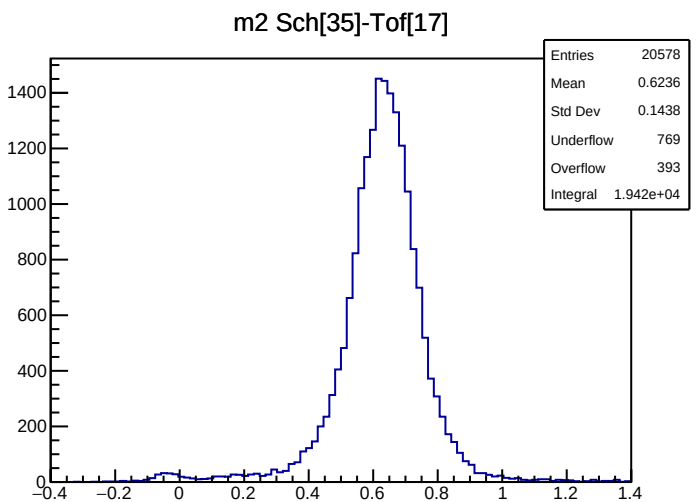

MissMass Sigma Sch[35]-Tof[16]
Entries 728
Mean 1.186
Std Dev 0.04759
Underflow 3
Overflow 0
Integral 725

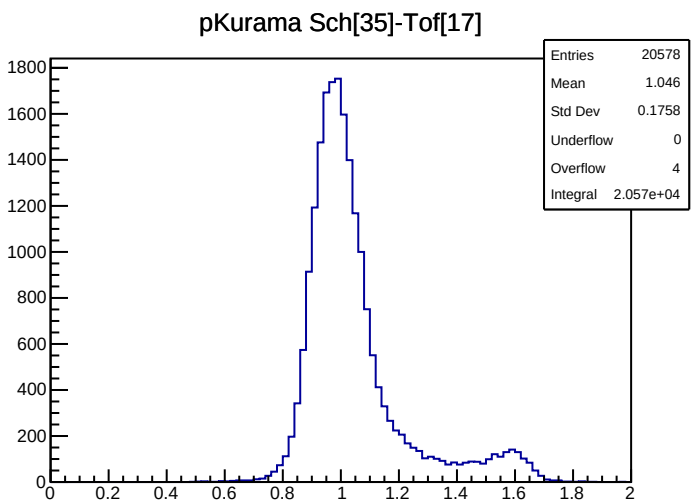

m2 Sch[35]-Tof[16]
Entries 40017
Mean 0.8142
Std Dev 0.1948
Underflow 421
Overflow 724
Integral 3.887e+04

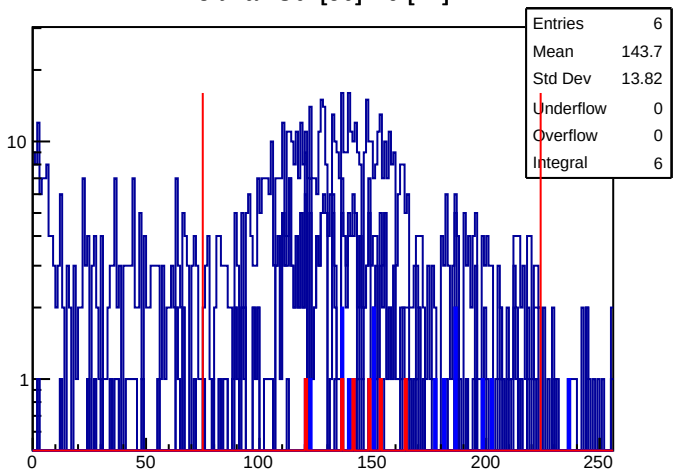

pKurama Sch[35]-Tof[16]
Entries 40017
Mean 0.9783
Std Dev 0.1052
Underflow 0
Overflow 4
Integral 4.001e+04

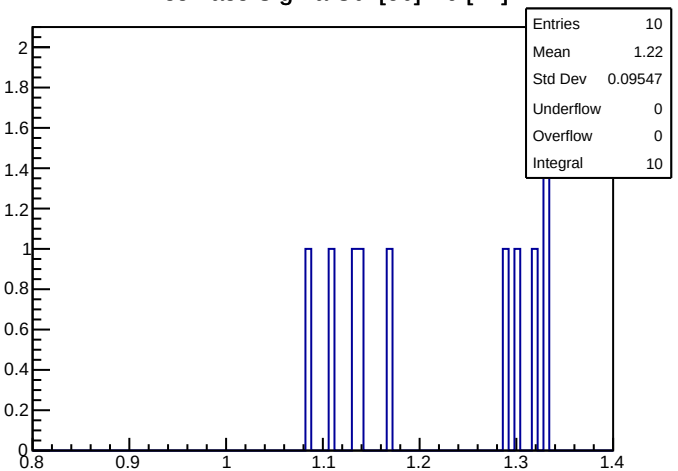

sftx all Sch[35]-Tof[17]
Entries 33
Mean 113.2
Std Dev 15.32
Underflow 0
Overflow 0
Integral 33

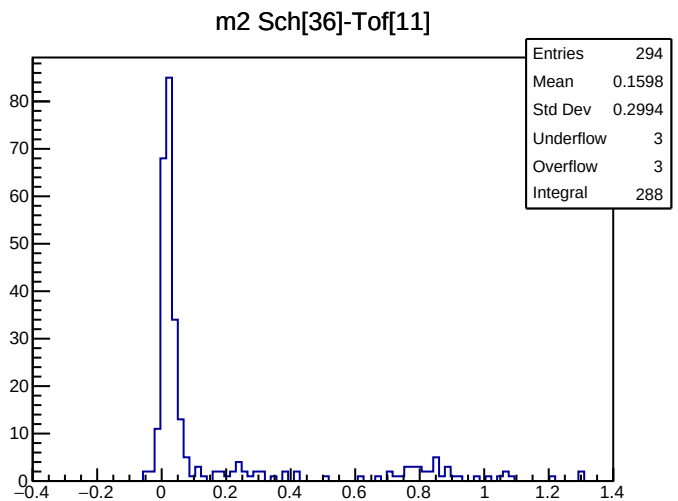

MissMass Sigma Sch[35]-Tof[17]
Entries 90
Mean 1.105
Std Dev 0.08591
Underflow 1
Overflow 0
Integral 89

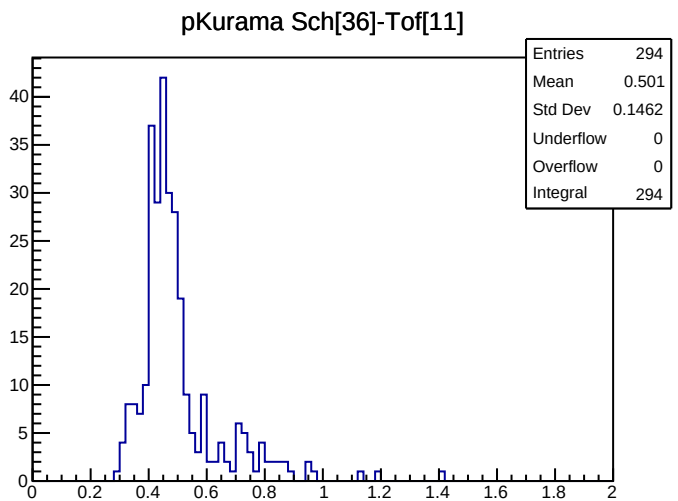

m2 Sch[35]-Tof[17]
Entries 20578
Mean 0.6236
Std Dev 0.1438
Underflow 769
Overflow 393
Integral 1.942e+04

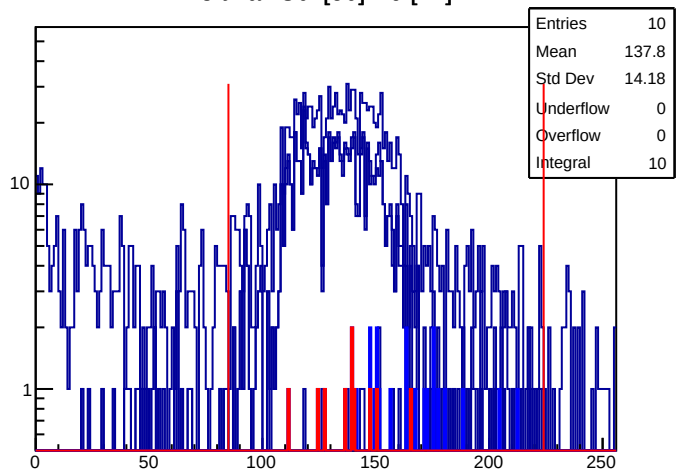

pKurama Sch[35]-Tof[17]
Entries 20578
Mean 1.046
Std Dev 0.1758
Underflow 0
Overflow 4
Integral 2.057e+04

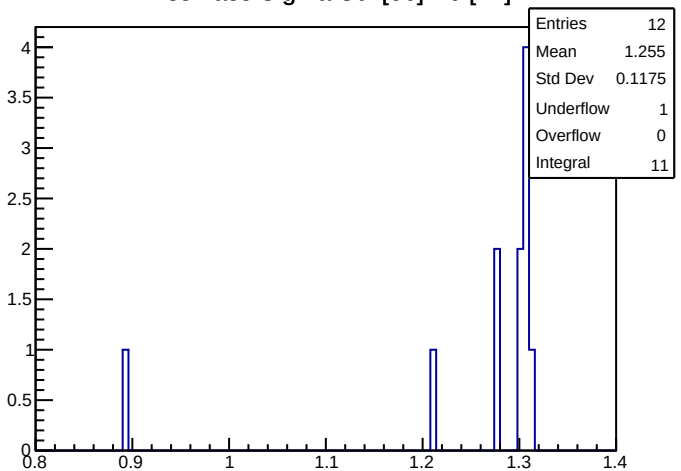

sftx all Sch[36]-Tof[11]
Entries 6
Mean 143.7
Std Dev 13.82
Underflow 0
Overflow 0
Integral 6

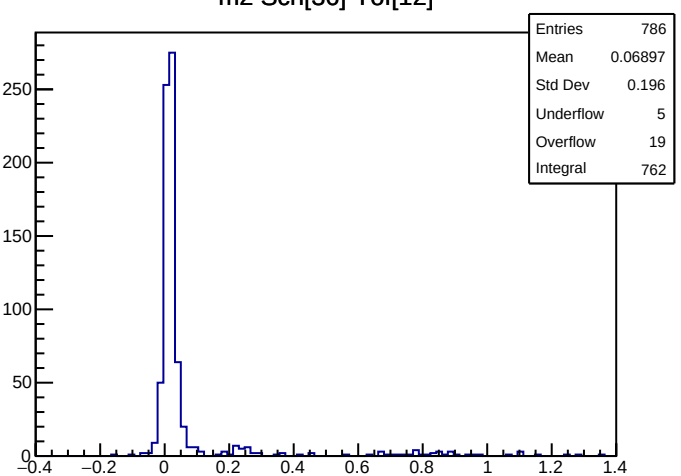

MissMass Sigma Sch[36]-Tof[11]
Entries 10
Mean 1.22
Std Dev 0.09547
Underflow 0
Overflow 0
Integral 10

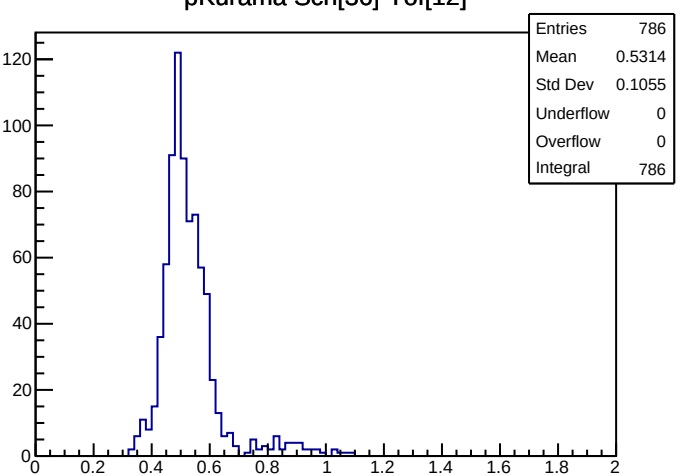

m2 Sch[36]-Tof[11]
Entries 294
Mean 0.1598
Std Dev 0.2994
Underflow 3
Overflow 3
Integral 288

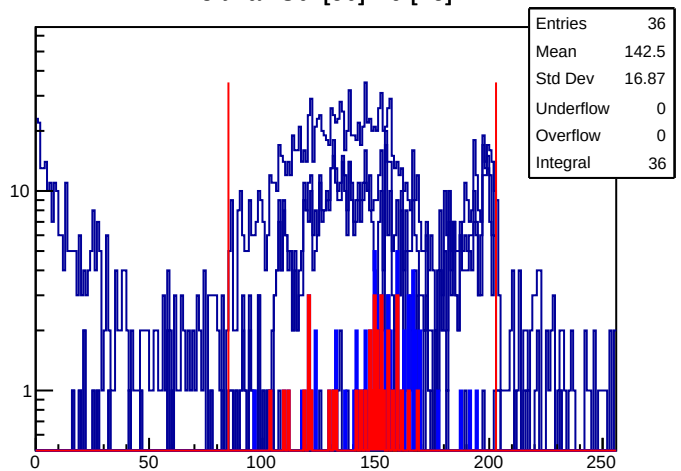

pKurama Sch[36]-Tof[11]
Entries 294
Mean 0.501
Std Dev 0.1462
Underflow 0
Overflow 0
Integral 294

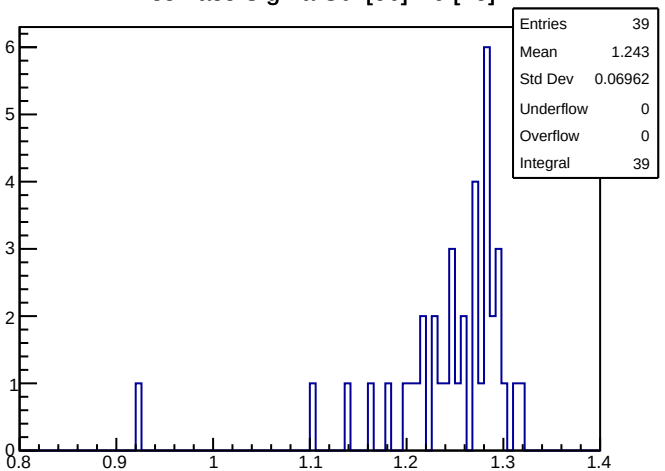

sftx all Sch[36]-Tof[12]
Entries 10
Mean 137.8
Std Dev 14.18
Underflow 0
Overflow 0
Integral 10
10
1
0
50
100
150
200
250

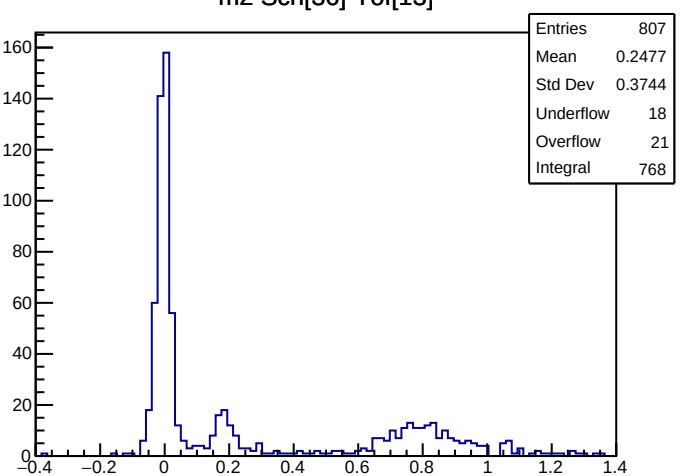

MissMass Sigma Sch[36]-Tof[12]
Entries 12
Mean 1.255
Std Dev 0.1175
Underflow 1
Overflow 0
Integral 11
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

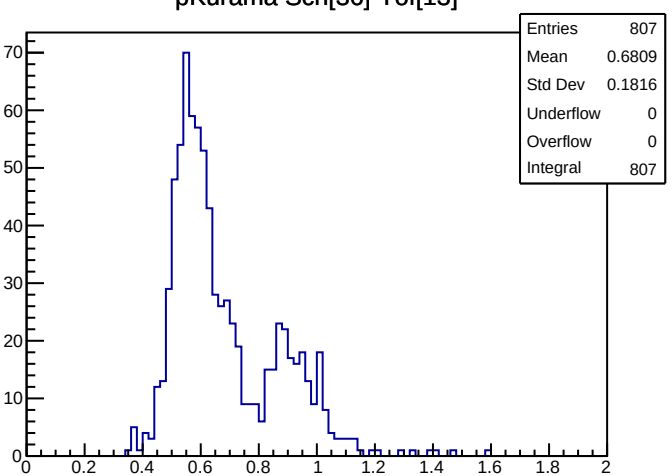

m2 Sch[36]-Tof[12]
Entries 786
Mean 0.06897
Std Dev 0.196
Underflow 5
Overflow 19
Integral 762
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

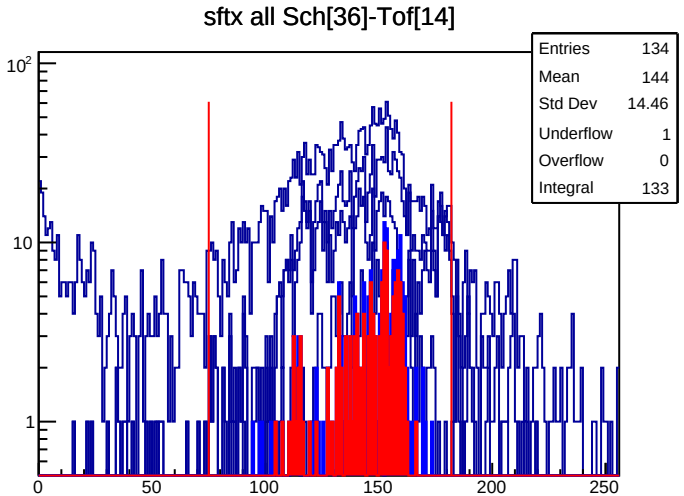

pKurama Sch[36]-Tof[12]
Entries 786
Mean 0.5314
Std Dev 0.1055
Underflow 0
Overflow 0
Integral 786
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

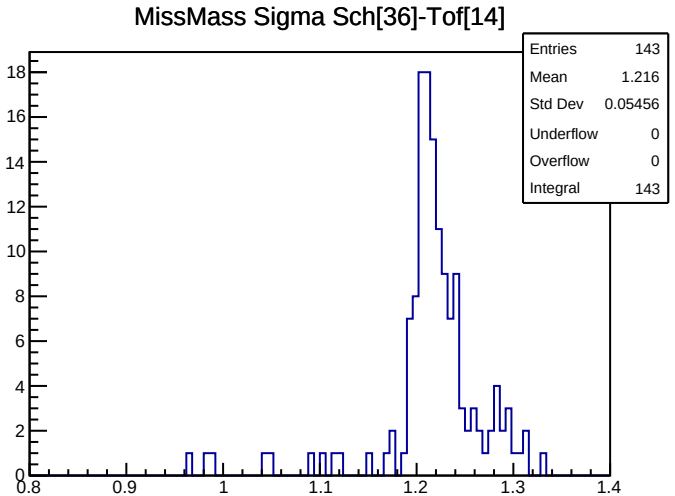

sftx all Sch[36]-Tof[13]
Entries 36
Mean 142.5
Std Dev 16.87
Underflow 0
Overflow 0
Integral 36
10
1
0
50
100
150
200
250

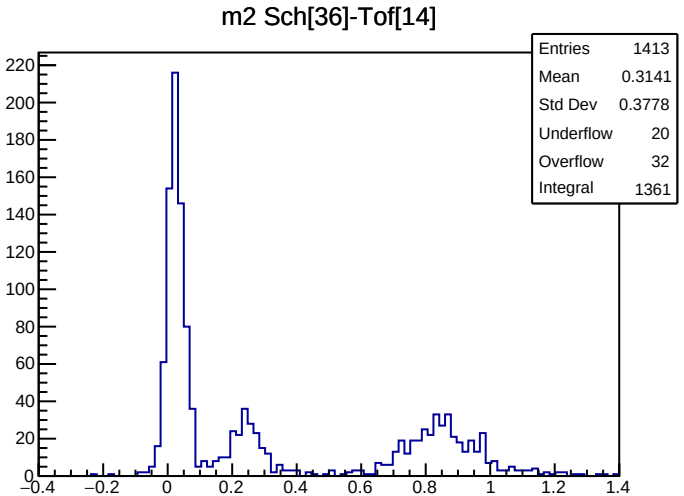

MissMass Sigma Sch[36]-Tof[13]
Entries 39
Mean 1.243
Std Dev 0.06962
Underflow 0
Overflow 0
Integral 39
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

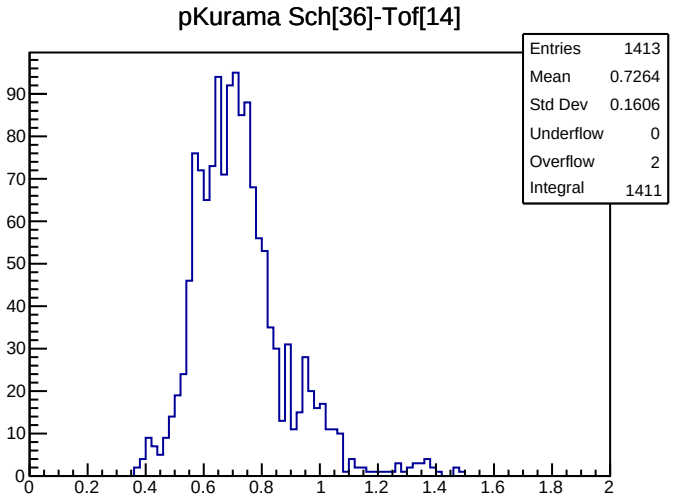

m2 Sch[36]-Tof[13]
Entries 807
Mean 0.2477
Std Dev 0.3744
Underflow 18
Overflow 21
Integral 768
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

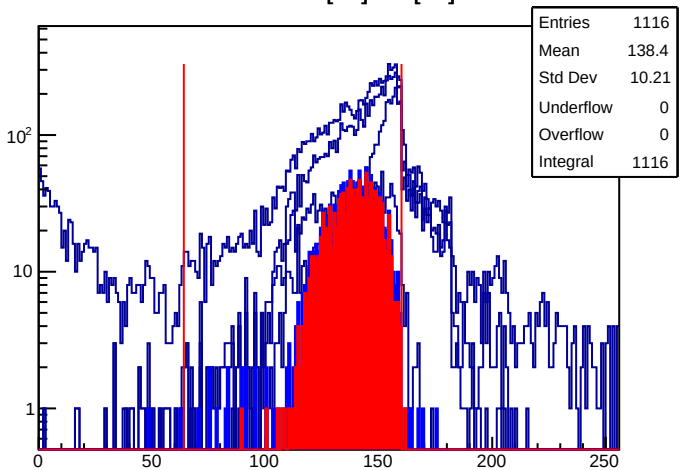

pKurama Sch[36]-Tof[13]
Entries 807
Mean 0.6809
Std Dev 0.1816
Underflow 0
Overflow 0
Integral 807
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

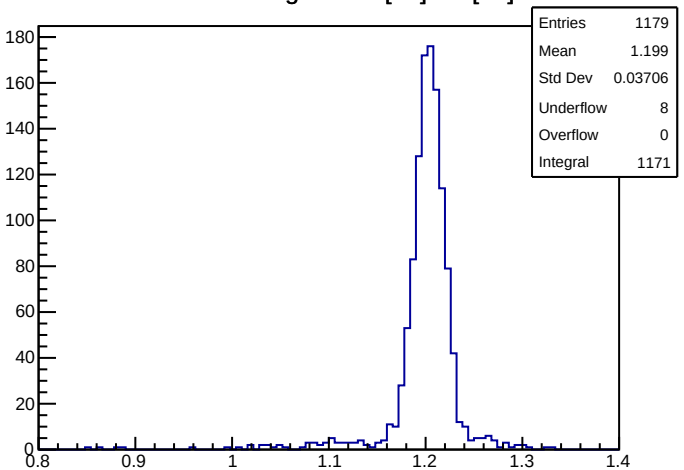

sftx all Sch[36]-Tof[14]
Entries 134
Mean 144
Std Dev 14.46
Underflow 1
Overflow 0
Integral 133

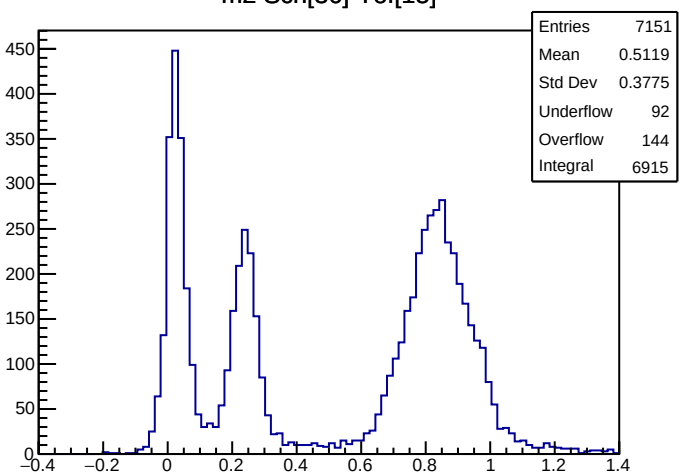

MissMass Sigma Sch[36]-Tof[14]
Entries 143
Mean 1.216
Std Dev 0.05456
Underflow 0
Overflow 0
Integral 143

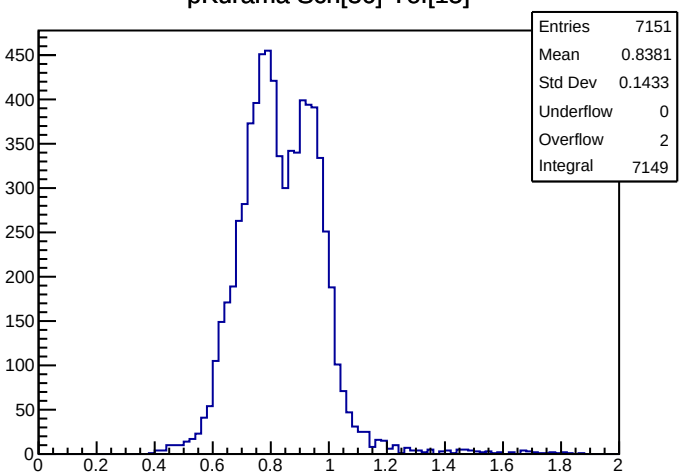

m2 Sch[36]-Tof[14]
Entries 1413
Mean 0.3141
Std Dev 0.3778
Underflow 20
Overflow 32
Integral 1361

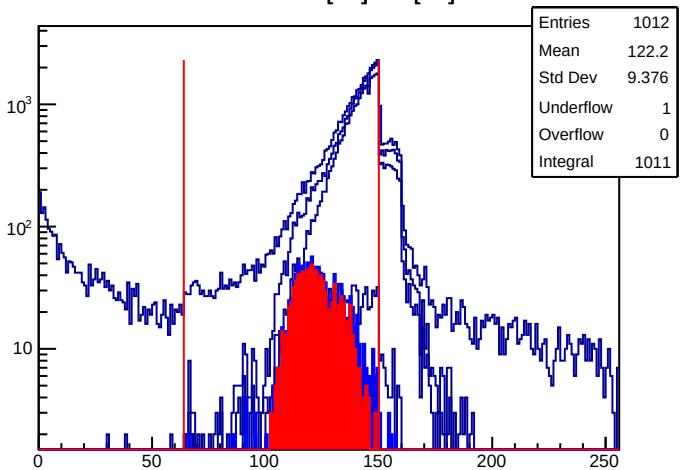

pKurama Sch[36]-Tof[14]
Entries 1413
Mean 0.7264
Std Dev 0.1606
Underflow 0
Overflow 2
Integral 1411

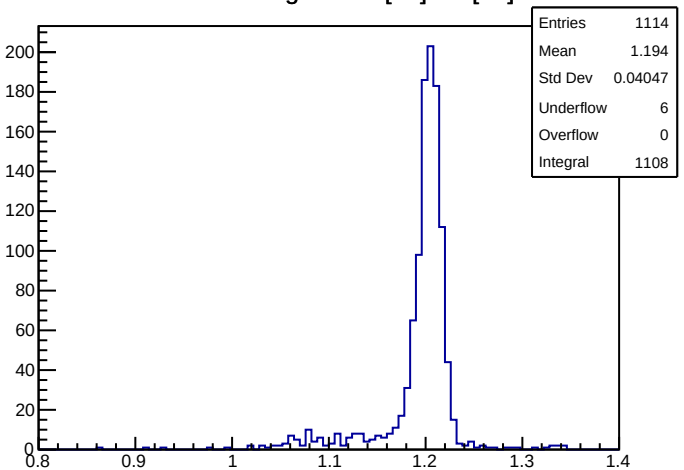

sftx all Sch[36]-Tof[15]
Entries 1116
Mean 138.4
Std Dev 10.21
Underflow 0
Overflow 0
Integral 1116

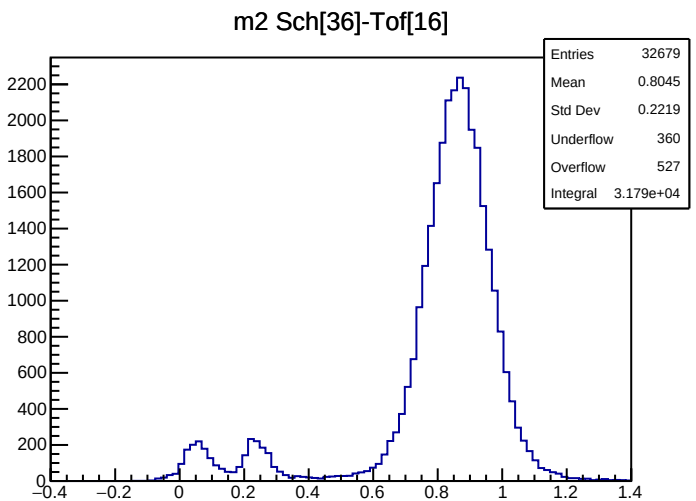

MissMass Sigma Sch[36]-Tof[15]
Entries 1179
Mean 1.199
Std Dev 0.03706
Underflow 8
Overflow 0
Integral 1171

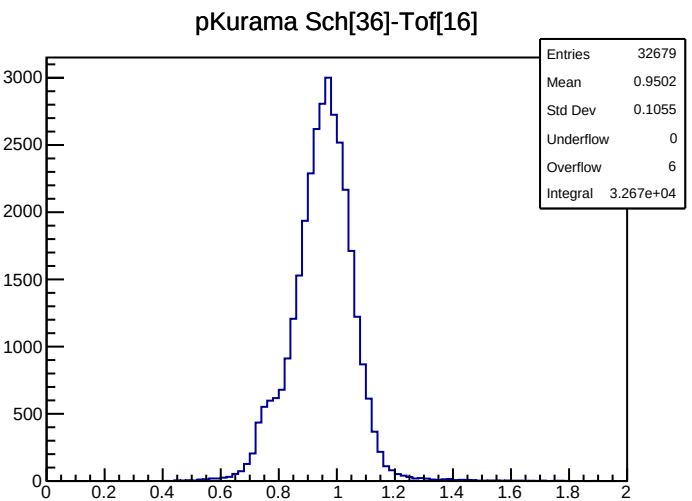

m2 Sch[36]-Tof[15]
Entries 7151
Mean 0.5119
Std Dev 0.3775
Underflow 92
Overflow 144
Integral 6915

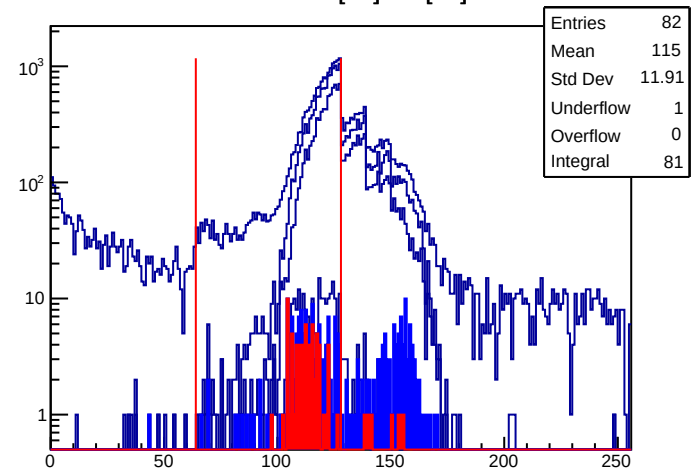

pKurama Sch[36]-Tof[15]
Entries 7151
Mean 0.8381
Std Dev 0.1433
Underflow 0
Overflow 2
Integral 7149

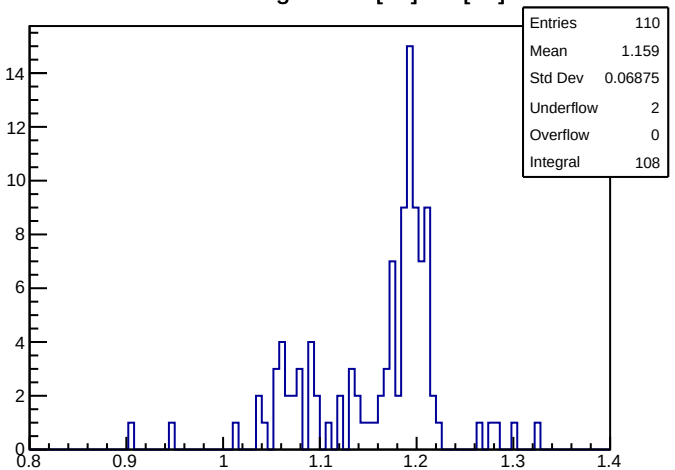

sftx all Sch[36]-Tof[16]
Entries 1012
Mean 122.2
Std Dev 9.376
Underflow 1
Overflow 0
Integral 1011

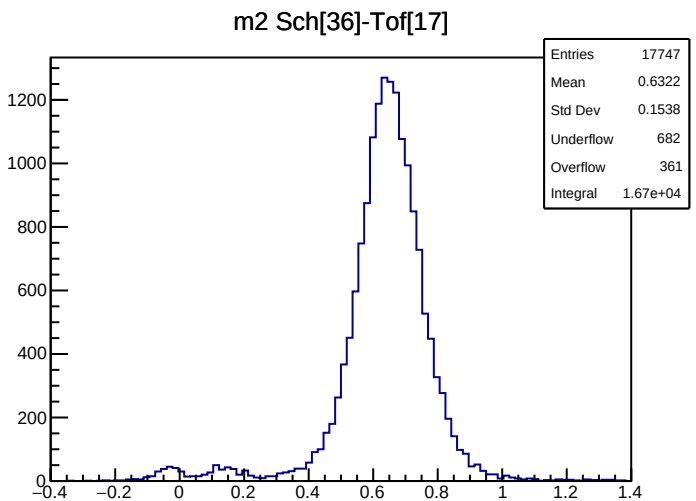

MissMass Sigma Sch[36]-Tof[16]
Entries 1114
Mean 1.194
Std Dev 0.04047
Underflow 6
Overflow 0
Integral 1108

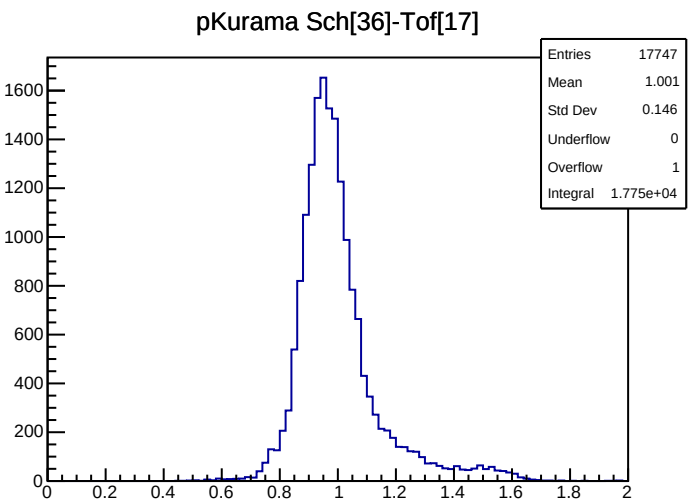

m2 Sch[36]-Tof[16]
Entries 32679
Mean 0.8045
Std Dev 0.2219
Underflow 360
Overflow 527
Integral 3.179e+04

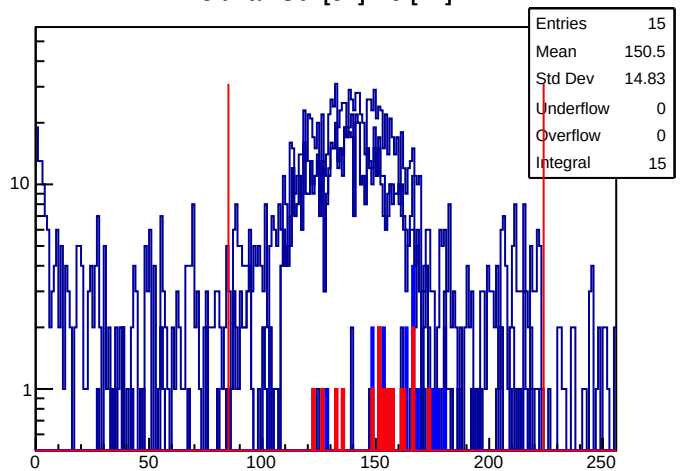

pKurama Sch[36]-Tof[16]
Entries 32679
Mean 0.9502
Std Dev 0.1055
Underflow 0
Overflow 6
Integral 3.267e+04

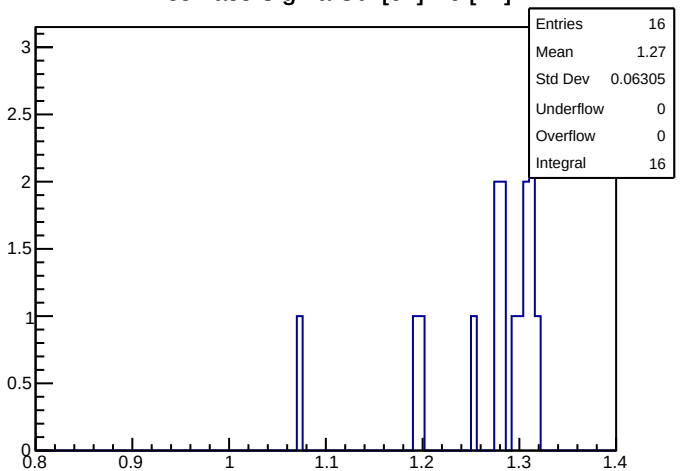

sftx all Sch[36]-Tof[17]
Entries 82
Mean 115
Std Dev 11.91
Underflow 1
Overflow 0
Integral 81

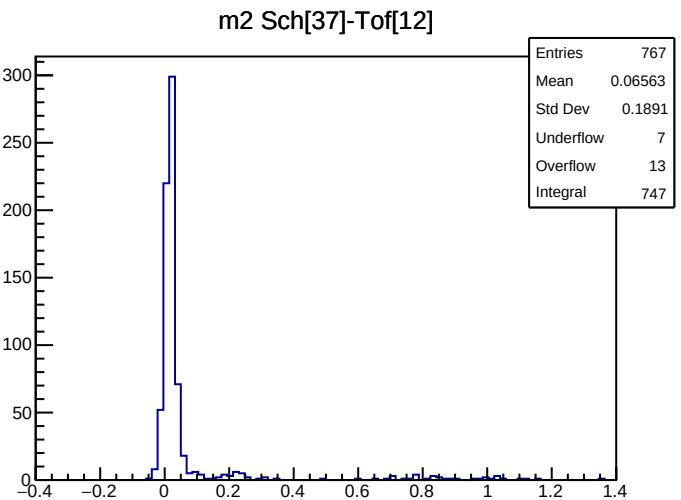

MissMass Sigma Sch[36]-Tof[17]
Entries 110
Mean 1.159
Std Dev 0.06875
Underflow 2
Overflow 0
Integral 108

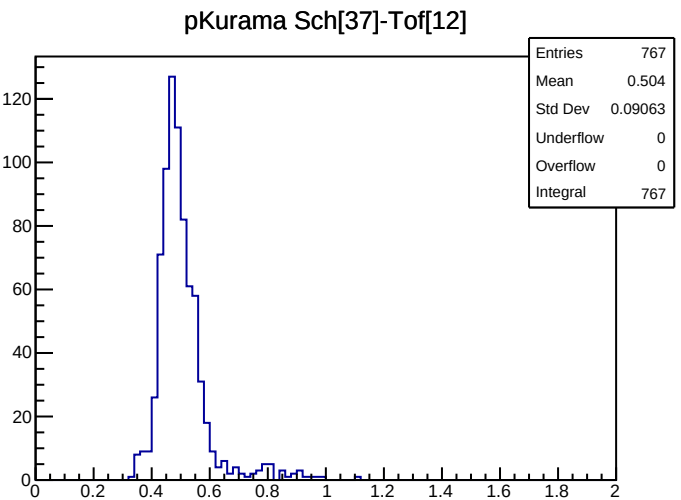

m2 Sch[36]-Tof[17]
Entries 17747
Mean 0.6322
Std Dev 0.1538
Underflow 682
Overflow 361
Integral 1.67e+04

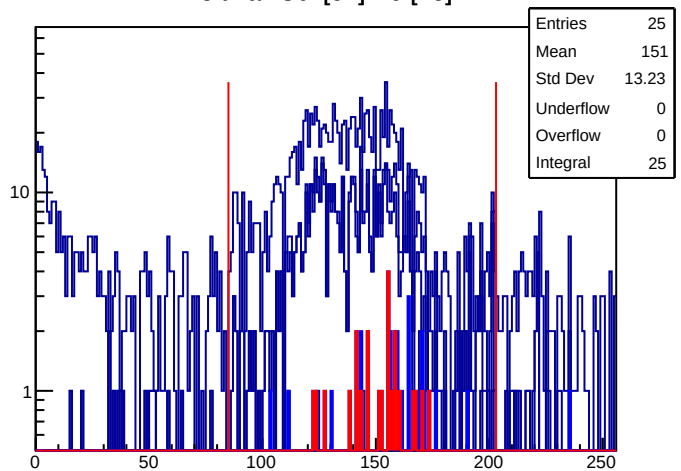

pKurama Sch[36]-Tof[17]
Entries 17747
Mean 1.001
Std Dev 0.146
Underflow 0
Overflow 1
Integral 1.775e+04

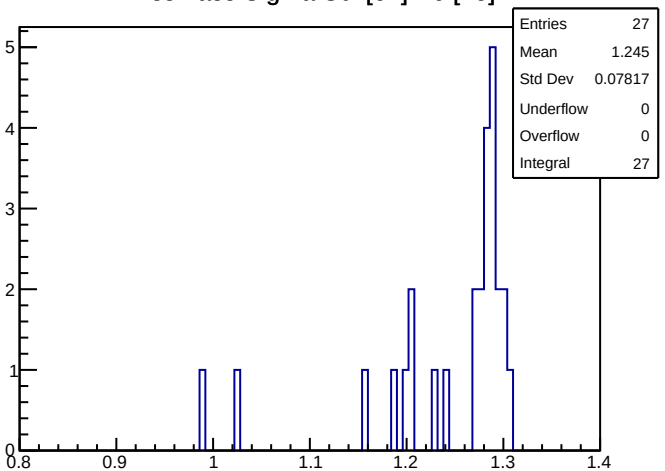

sftx all Sch[37]-Tof[12]
Entries 15
Mean 150.5
Std Dev 14.83
Underflow 0
Overflow 0
Integral 15

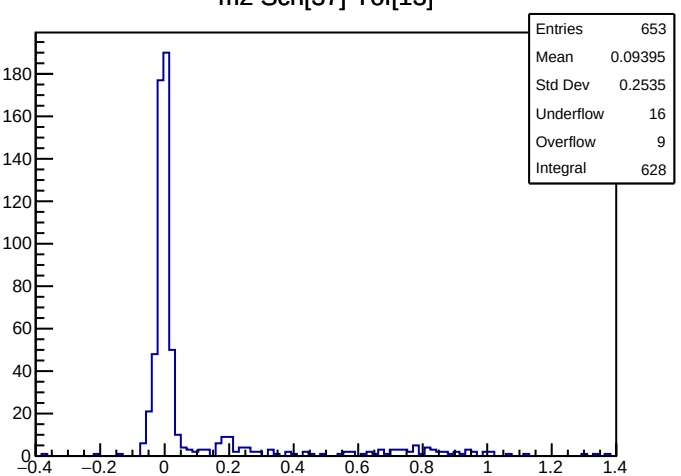

MissMass Sigma Sch[37]-Tof[12]
Entries 16
Mean 1.27
Std Dev 0.06305
Underflow 0
Overflow 0
Integral 16

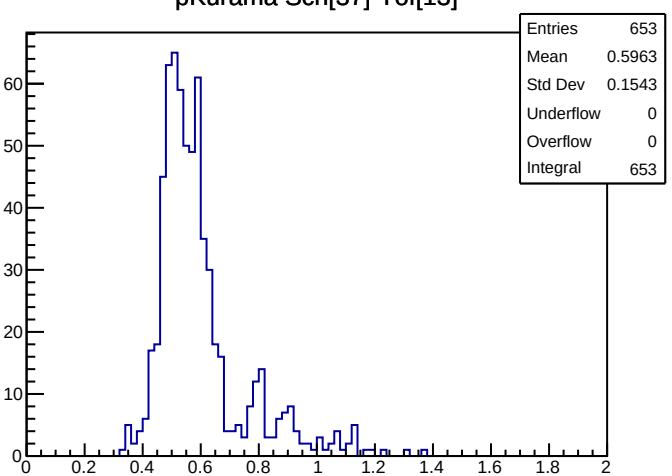

m2 Sch[37]-Tof[12]
Entries 767
Mean 0.06563
Std Dev 0.1891
Underflow 7
Overflow 13
Integral 747

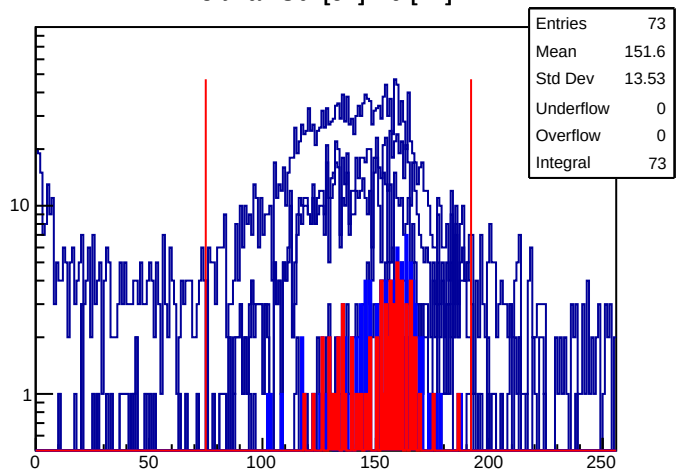

pKurama Sch[37]-Tof[12]
Entries 767
Mean 0.504
Std Dev 0.09063
Underflow 0
Overflow 0
Integral 767

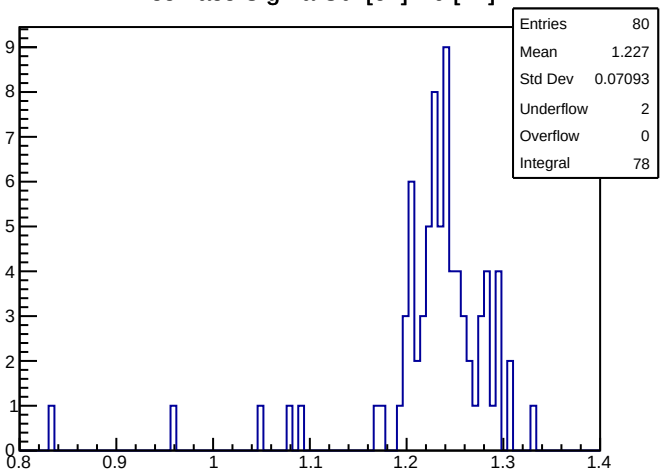

sftx all Sch[37]-Tof[13]
Entries 25
Mean 151
Std Dev 13.23
Underflow 0
Overflow 0
Integral 25
10
1
0
50
100
150
200
250

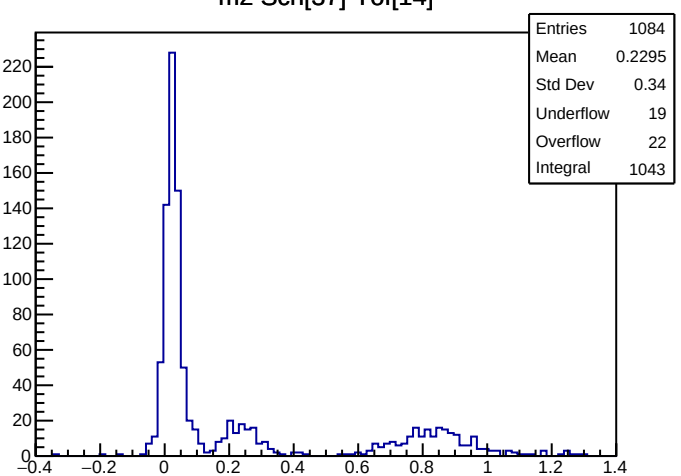

MissMass Sigma Sch[37]-Tof[13]
Entries 27
Mean 1.245
Std Dev 0.07817
Underflow 0
Overflow 0
Integral 27
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

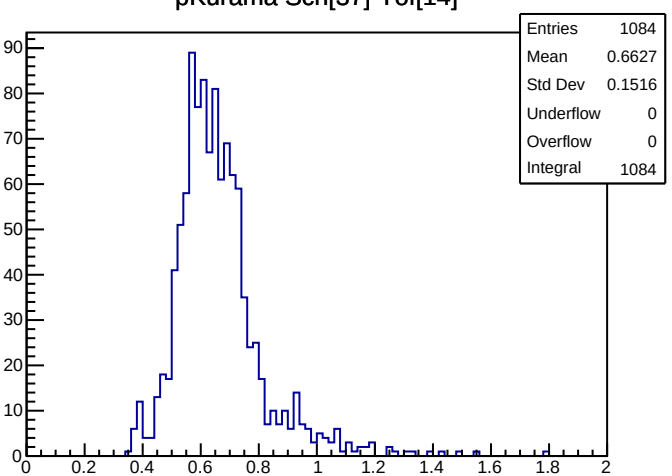

m2 Sch[37]-Tof[13]
Entries 653
Mean 0.09395
Std Dev 0.2535
Underflow 16
Overflow 9
Integral 628
180
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

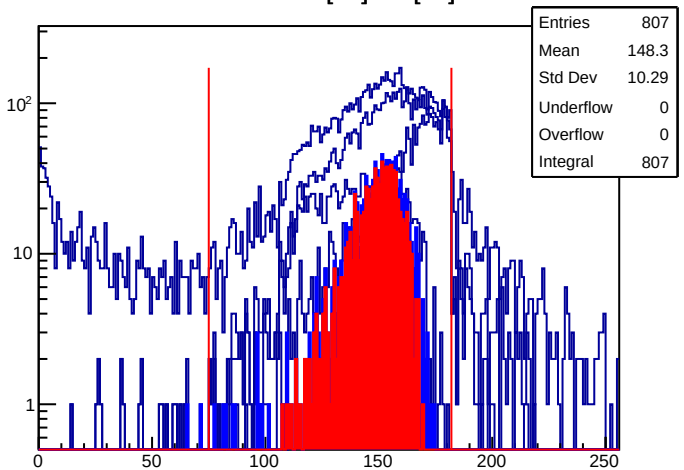

pKurama Sch[37]-Tof[13]
Entries 653
Mean 0.5963
Std Dev 0.1543
Underflow 0
Overflow 0
Integral 653
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

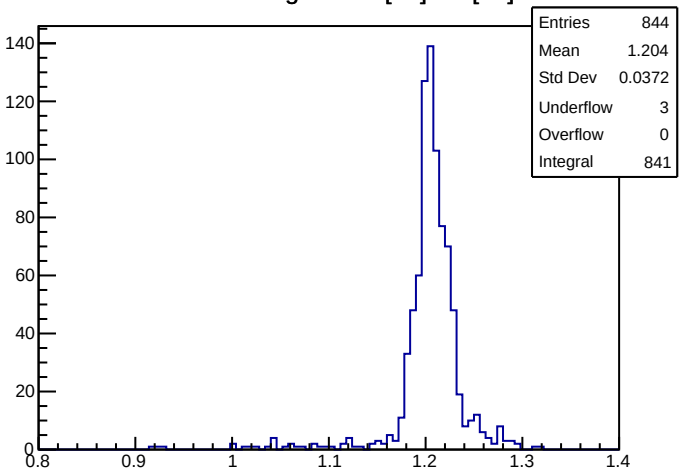

sftx all Sch[37]-Tof[14]
Entries 73
Mean 151.6
Std Dev 13.53
Underflow 0
Overflow 0
Integral 73
10
1
0
50
100
150
200
250

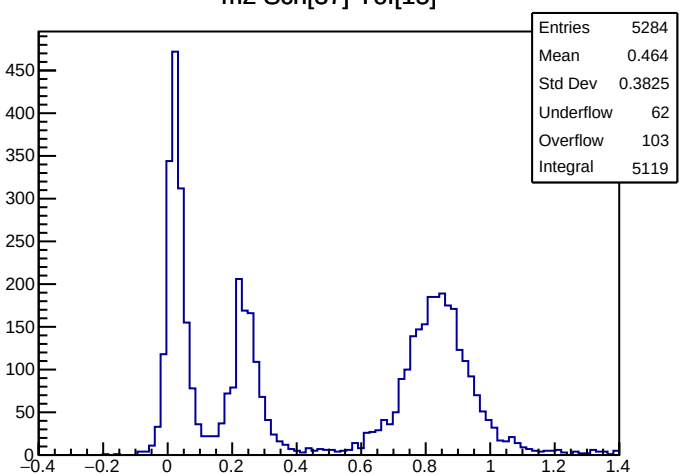

MissMass Sigma Sch[37]-Tof[14]
Entries 80
Mean 1.227
Std Dev 0.07093
Underflow 2
Overflow 0
Integral 78
0
1
2
3
4
5
6
7
8
9
0.8
0.9
1
1.1
1.2
1.3
1.4

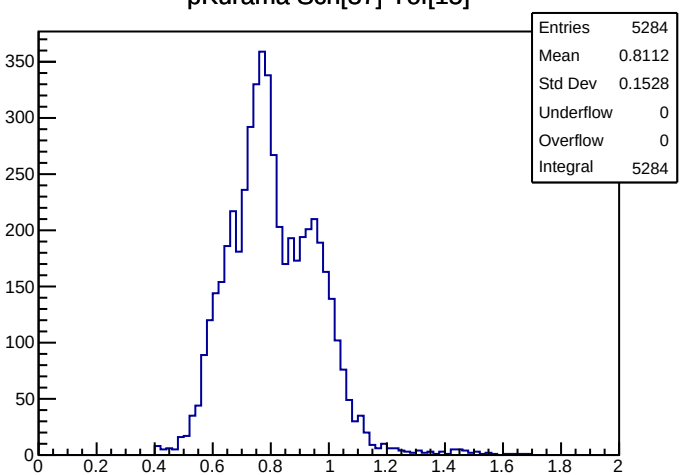

m2 Sch[37]-Tof[14]
Entries 1084
Mean 0.2295
Std Dev 0.34
Underflow 19
Overflow 22
Integral 1043
0
20
40
60
80
100
120
140
160
180
200
220
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

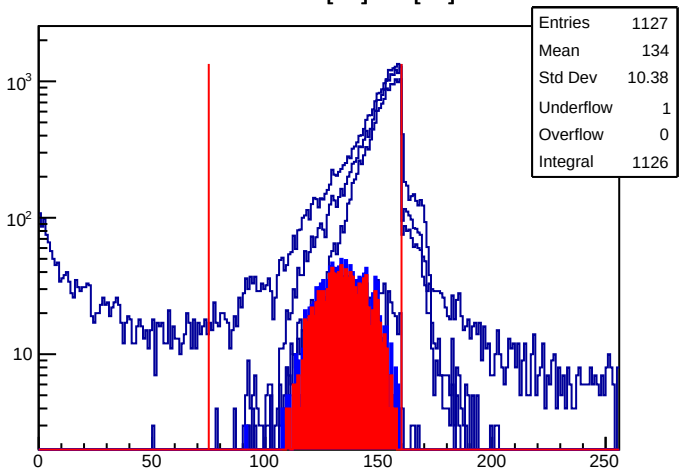

pKurama Sch[37]-Tof[14]
Entries 1084
Mean 0.6627
Std Dev 0.1516
Underflow 0
Overflow 0
Integral 1084
0
10
20
30
40
50
60
70
80
90
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

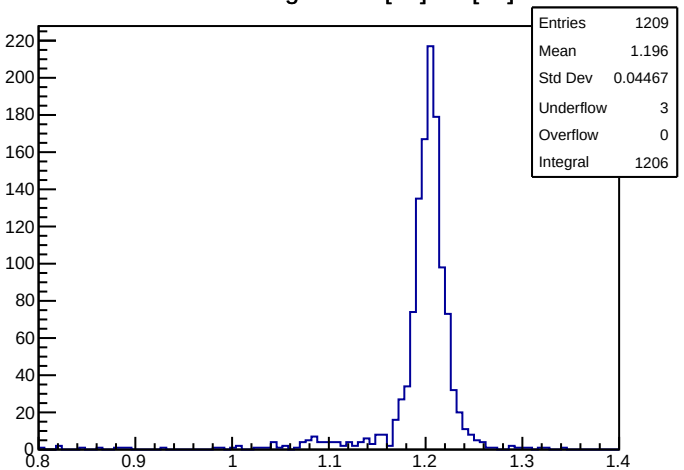

sftx all Sch[37]-Tof[15]
Entries 807
Mean 148.3
Std Dev 10.29
Underflow 0
Overflow 0
Integral 807

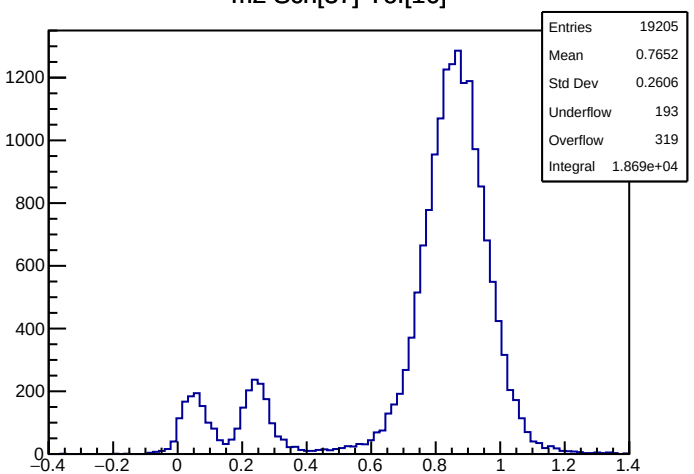

MissMass Sigma Sch[37]-Tof[15]
Entries 844
Mean 1.204
Std Dev 0.0372
Underflow 3
Overflow 0
Integral 841

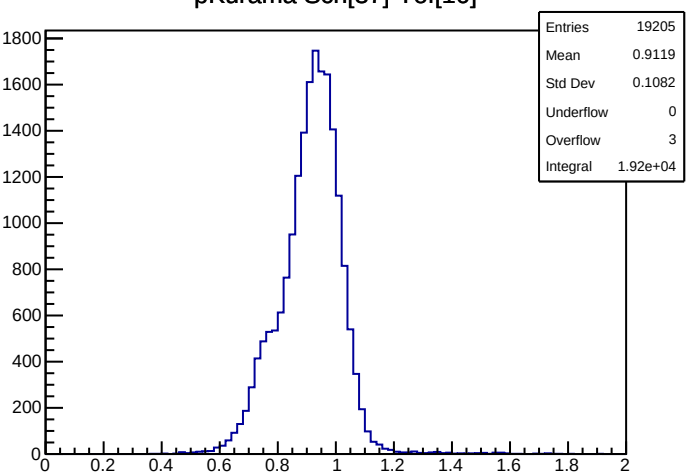

m2 Sch[37]-Tof[15]
Entries 5284
Mean 0.464
Std Dev 0.3825
Underflow 62
Overflow 103
Integral 5119

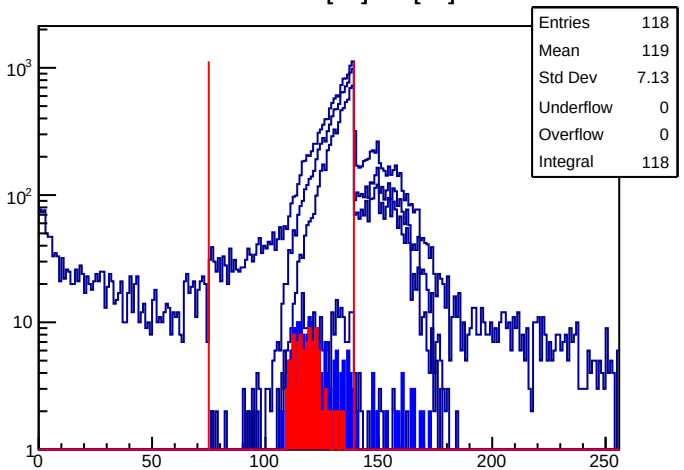

pKurama Sch[37]-Tof[15]
Entries 5284
Mean 0.8112
Std Dev 0.1528
Underflow 0
Overflow 0
Integral 5284

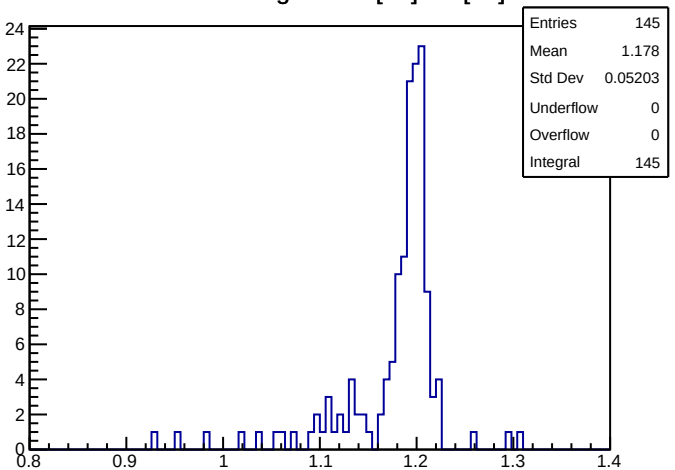

sftx all Sch[37]-Tof[16]
Entries 1127
Mean 134
Std Dev 10.38
Underflow 1
Overflow 0
Integral 1126

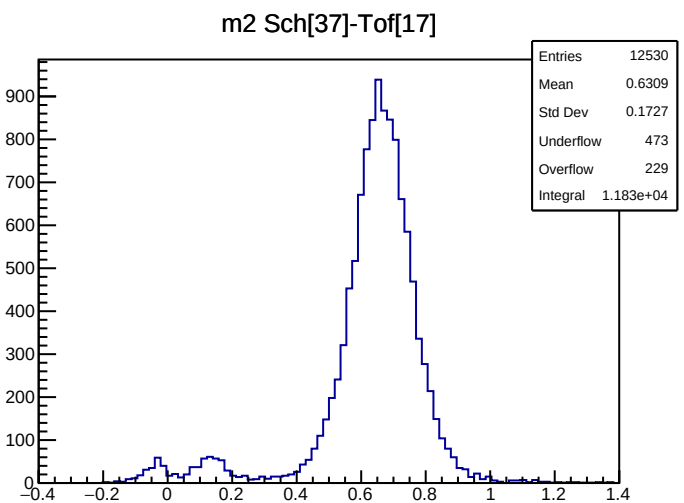

MissMass Sigma Sch[37]-Tof[16]
Entries 1209
Mean 1.196
Std Dev 0.04467
Underflow 3
Overflow 0
Integral 1206

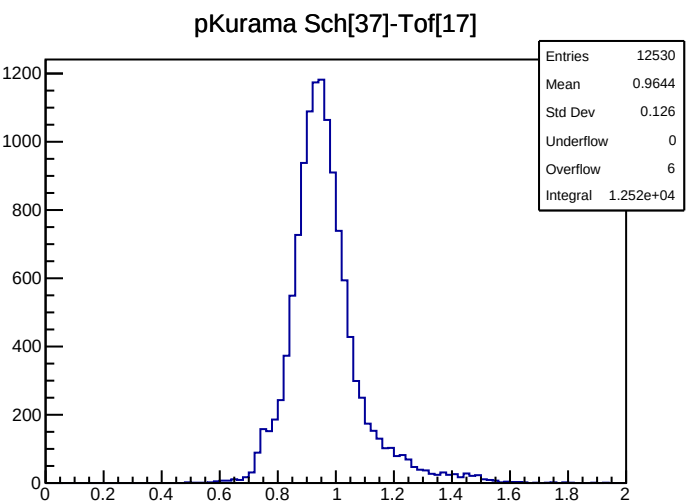

m2 Sch[37]-Tof[16]
Entries 19205
Mean 0.7652
Std Dev 0.2606
Underflow 193
Overflow 319
Integral 1.869e+04

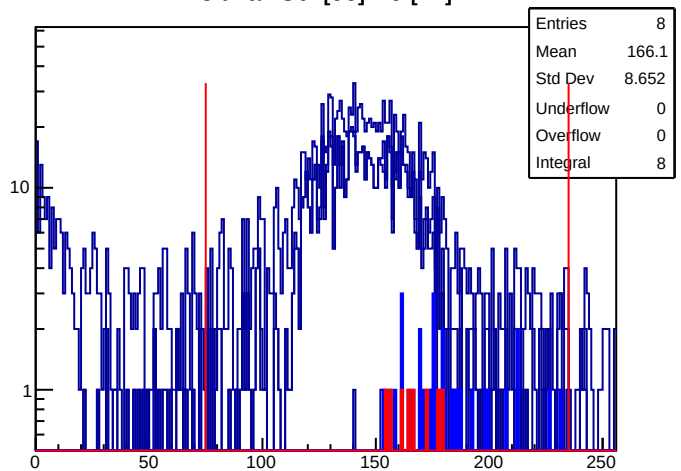

pKurama Sch[37]-Tof[16]
Entries 19205
Mean 0.9119
Std Dev 0.1082
Underflow 0
Overflow 3
Integral 1.92e+04

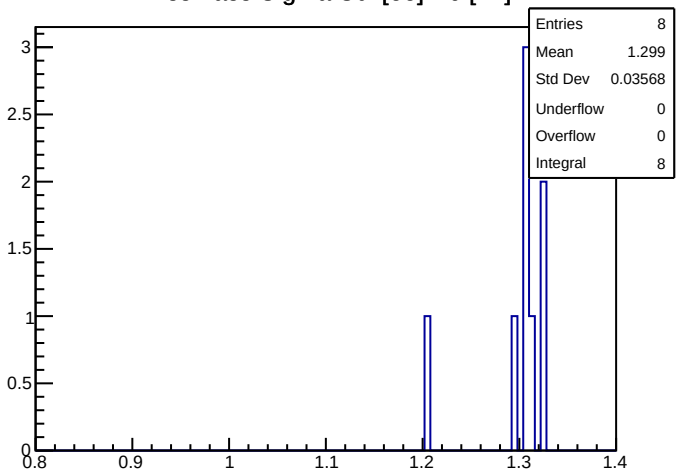

sftx all Sch[37]-Tof[17]
Entries 118
Mean 119
Std Dev 7.13
Underflow 0
Overflow 0
Integral 118

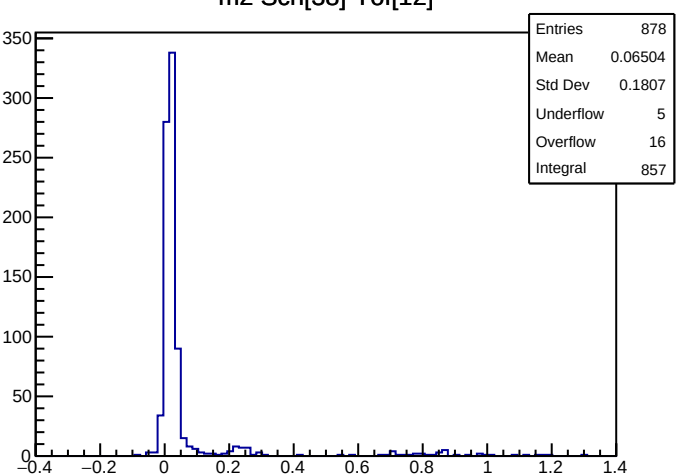

MissMass Sigma Sch[37]-Tof[17]
Entries 145
Mean 1.178
Std Dev 0.05203
Underflow 0
Overflow 0
Integral 145

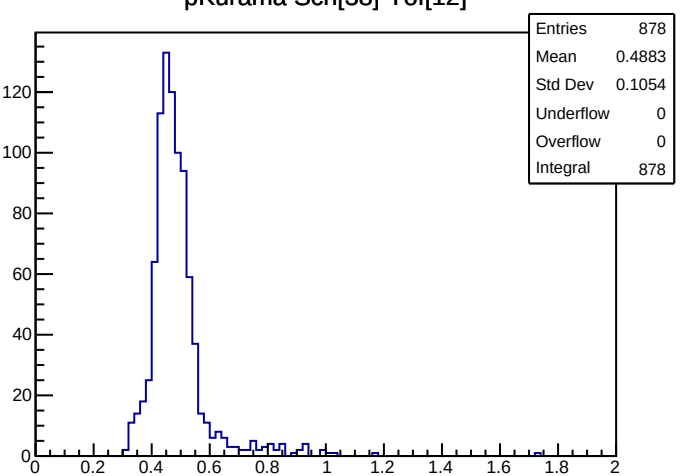

m2 Sch[37]-Tof[17]
Entries 12530
Mean 0.6309
Std Dev 0.1727
Underflow 473
Overflow 229
Integral 1.183e+04

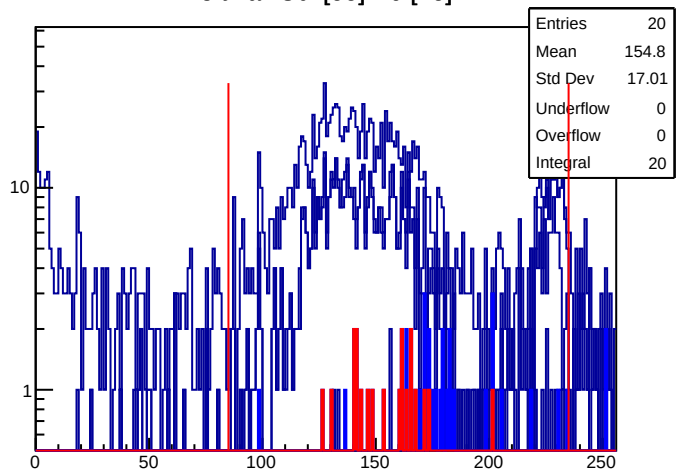

pKurama Sch[37]-Tof[17]
Entries 12530
Mean 0.9644
Std Dev 0.126
Underflow 0
Overflow 6
Integral 1.252e+04

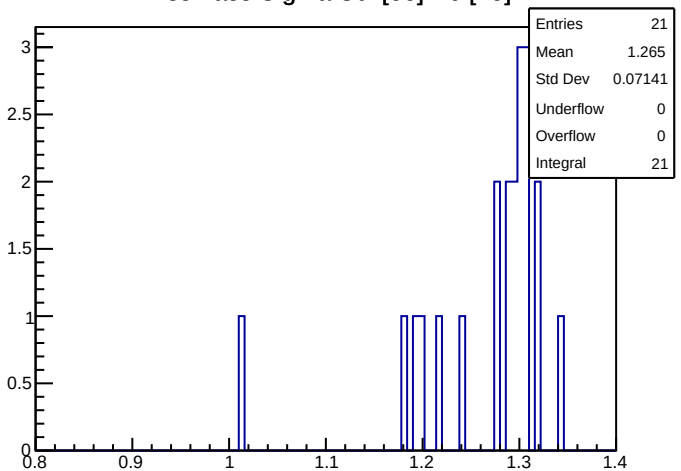

sftx all Sch[38]-Tof[12]
Entries 8
Mean 166.1
Std Dev 8.652
Underflow 0
Overflow 0
Integral 8
10
1
0
50
100
150
200
250

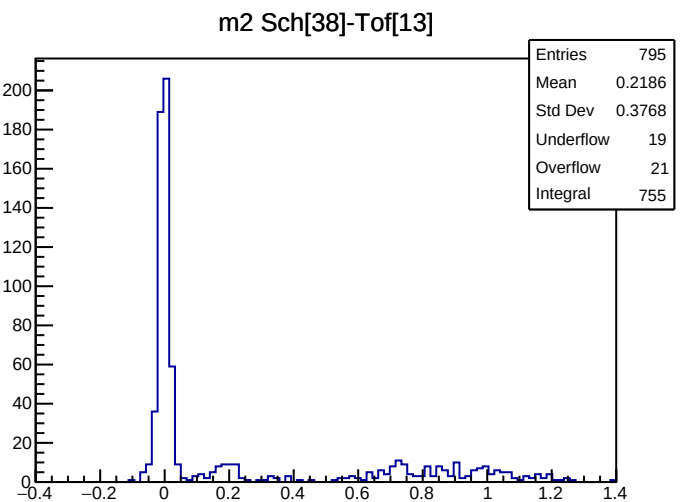

MissMass Sigma Sch[38]-Tof[12]
Entries 8
Mean 1.299
Std Dev 0.03568
Underflow 0
Overflow 0
Integral 8
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

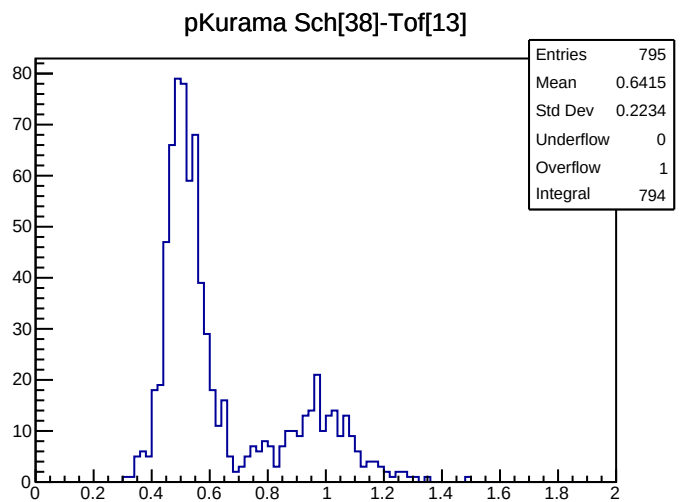

m2 Sch[38]-Tof[12]
Entries 878
Mean 0.06504
Std Dev 0.1807
Underflow 5
Overflow 16
Integral 857
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

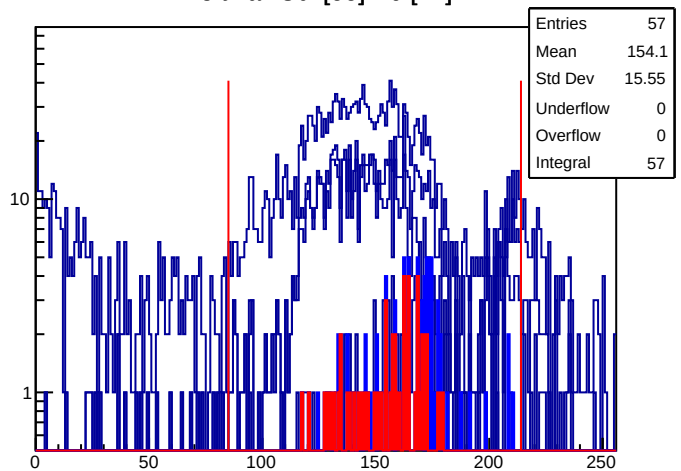

pKurama Sch[38]-Tof[12]
Entries 878
Mean 0.4883
Std Dev 0.1054
Underflow 0
Overflow 0
Integral 878
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

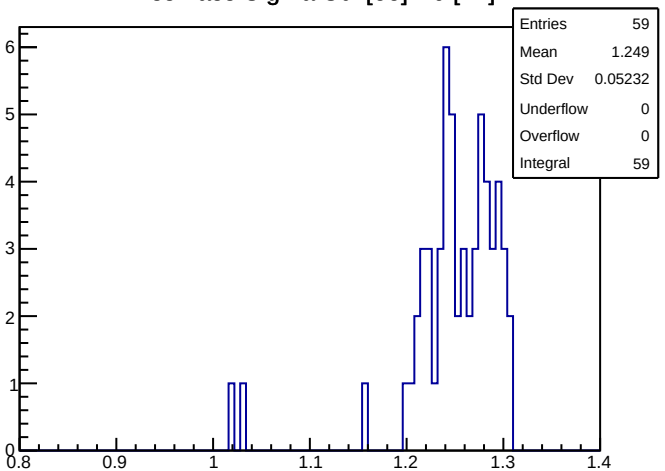

sftx all Sch[38]-Tof[13]
Entries 20
Mean 154.8
Std Dev 17.01
Underflow 0
Overflow 0
Integral 20

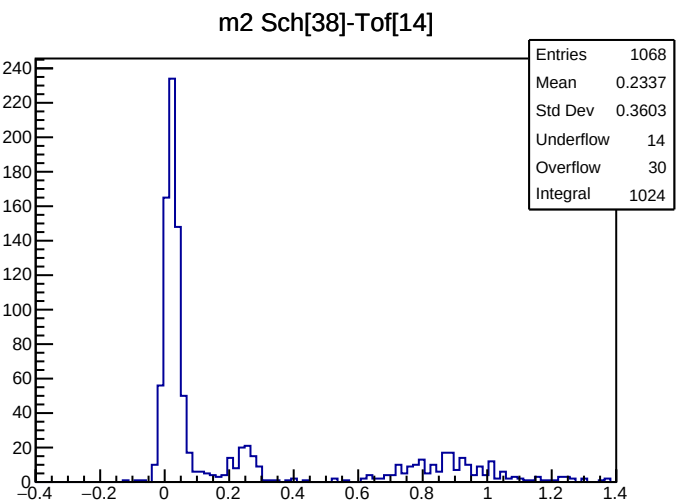

MissMass Sigma Sch[38]-Tof[13]
Entries 21
Mean 1.265
Std Dev 0.07141
Underflow 0
Overflow 0
Integral 21

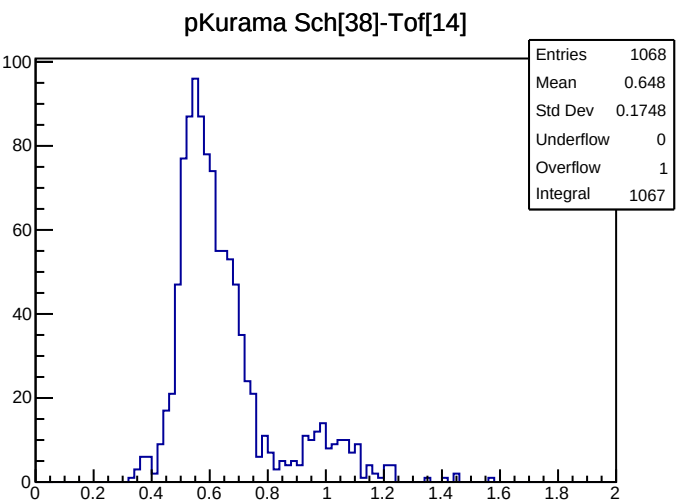

m2 Sch[38]-Tof[13]
Entries 795
Mean 0.2186
Std Dev 0.3768
Underflow 19
Overflow 21
Integral 755

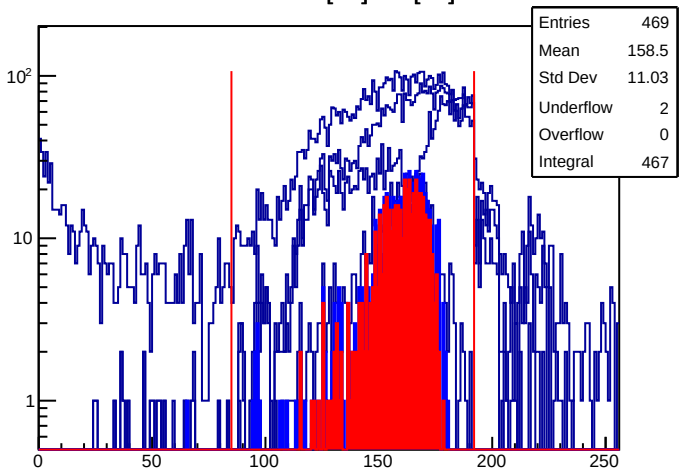

pKurama Sch[38]-Tof[13]
Entries 795
Mean 0.6415
Std Dev 0.2234
Underflow 0
Overflow 1
Integral 794

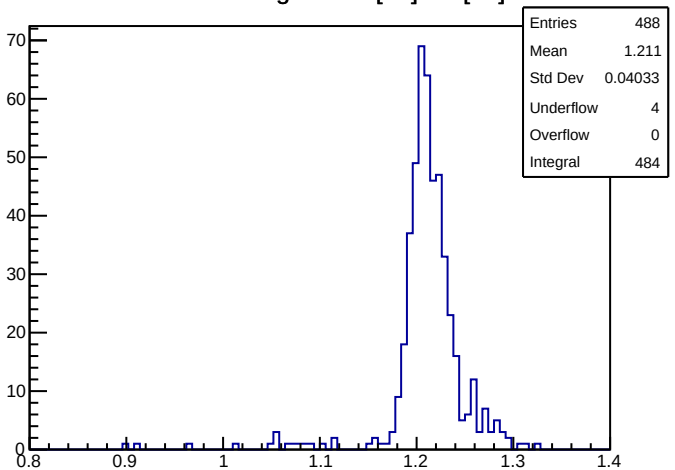

sftx all Sch[38]-Tof[14]
Entries 57
Mean 154.1
Std Dev 15.55
Underflow 0
Overflow 0
Integral 57

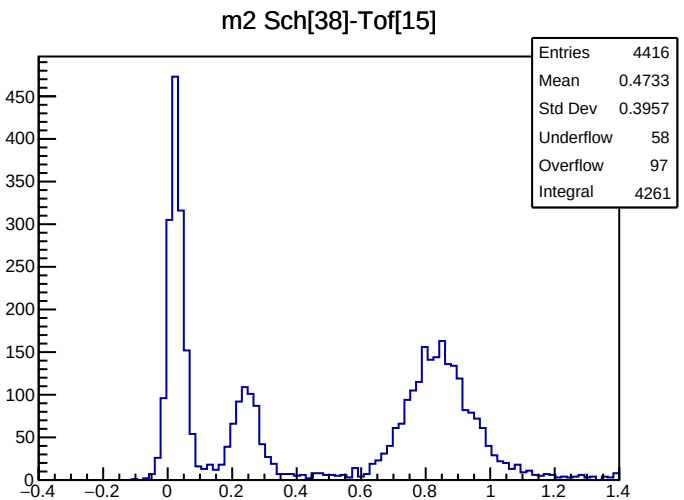

MissMass Sigma Sch[38]-Tof[14]
Entries 59
Mean 1.249
Std Dev 0.05232
Underflow 0
Overflow 0
Integral 59

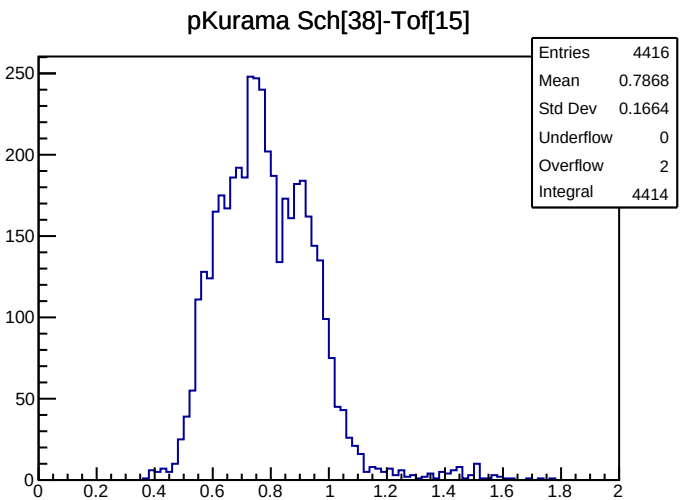

m2 Sch[38]-Tof[14]
Entries 1068
Mean 0.2337
Std Dev 0.3603
Underflow 14
Overflow 30
Integral 1024

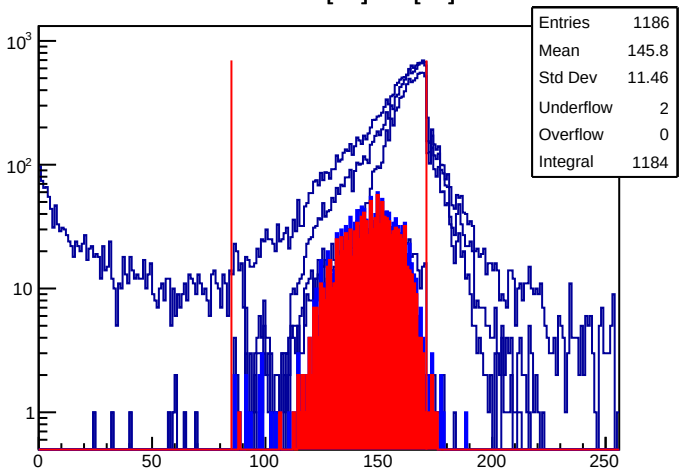

pKurama Sch[38]-Tof[14]
Entries 1068
Mean 0.648
Std Dev 0.1748
Underflow 0
Overflow 1
Integral 1067

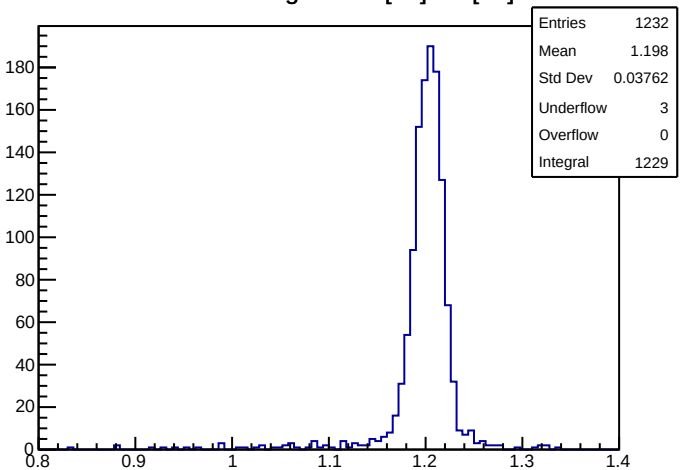

sftx all Sch[38]-Tof[15]
Entries 469
Mean 158.5
Std Dev 11.03
Underflow 2
Overflow 0
Integral 467

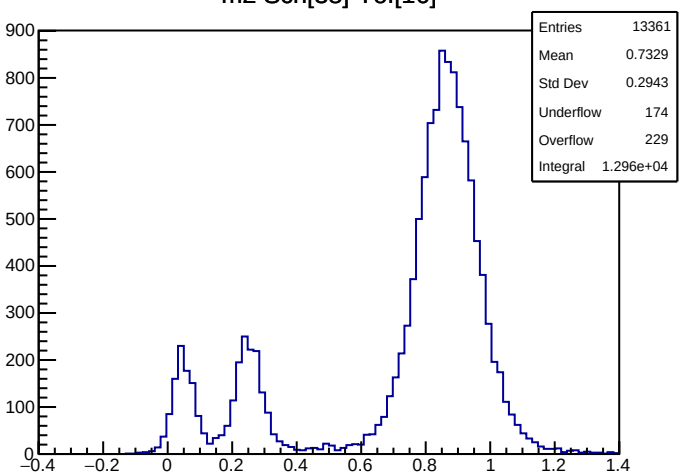

MissMass Sigma Sch[38]-Tof[15]
Entries 488
Mean 1.211
Std Dev 0.04033
Underflow 4
Overflow 0
Integral 484

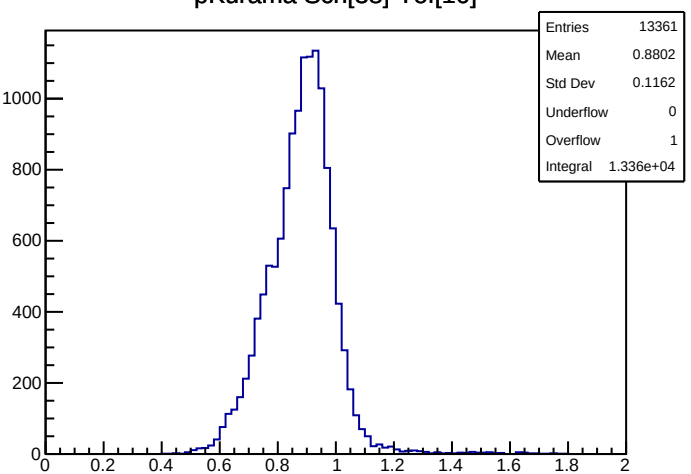

m2 Sch[38]-Tof[15]
Entries 4416
Mean 0.4733
Std Dev 0.3957
Underflow 58
Overflow 97
Integral 4261

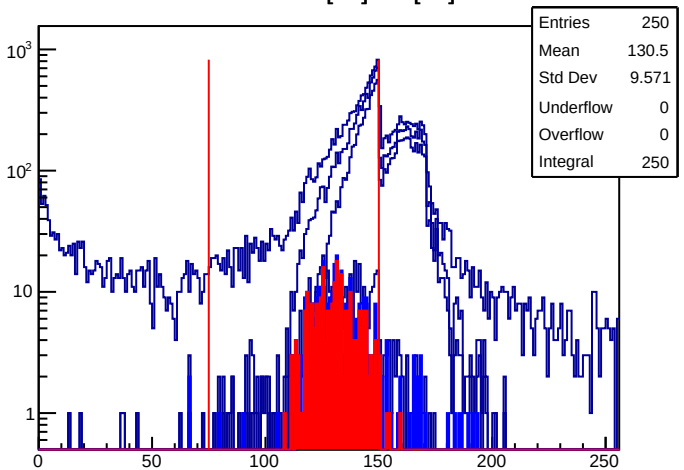

pKurama Sch[38]-Tof[15]
Entries 4416
Mean 0.7868
Std Dev 0.1664
Underflow 0
Overflow 2
Integral 4414

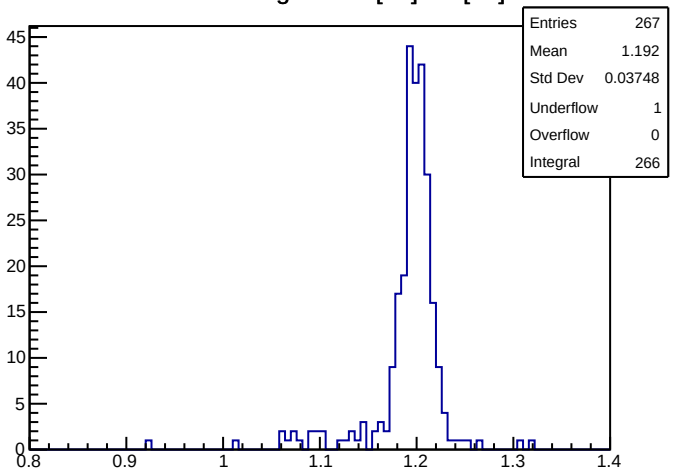

sftx all Sch[38]-Tof[16]
Entries 1186
Mean 145.8
Std Dev 11.46
Underflow 2
Overflow 0
Integral 1184

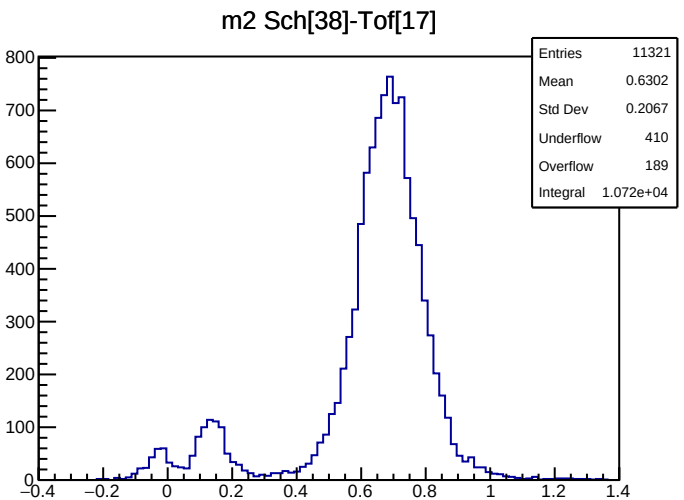

MissMass Sigma Sch[38]-Tof[16]
Entries 1232
Mean 1.198
Std Dev 0.03762
Underflow 3
Overflow 0
Integral 1229

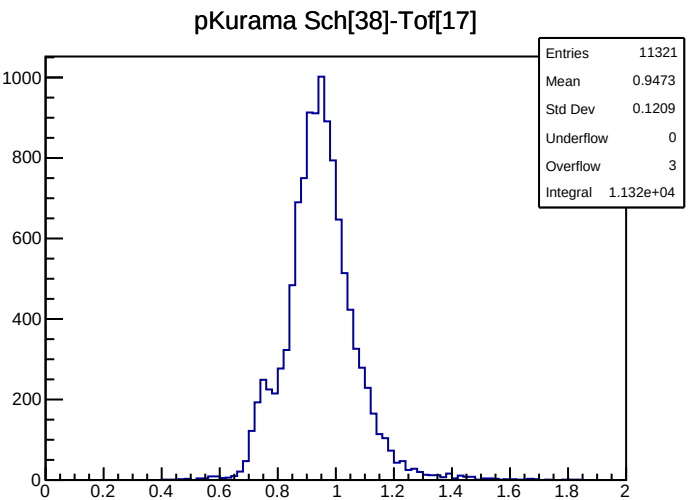

m2 Sch[38]-Tof[16]
Entries 13361
Mean 0.7329
Std Dev 0.2943
Underflow 174
Overflow 229
Integral 1.296e+04

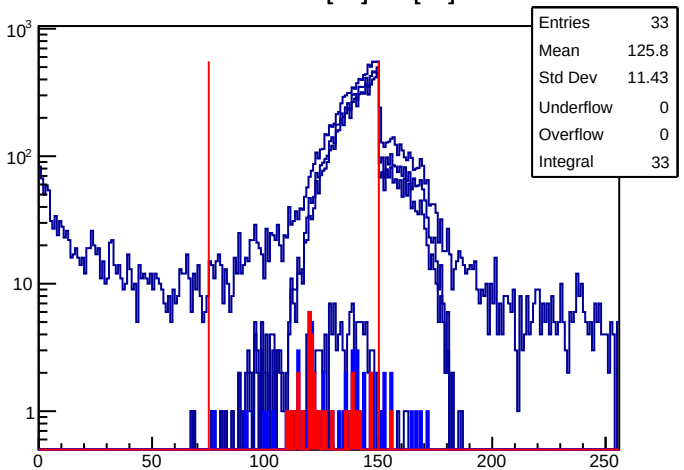

pKurama Sch[38]-Tof[16]
Entries 13361
Mean 0.8802
Std Dev 0.1162
Underflow 0
Overflow 1
Integral 1.336e+04

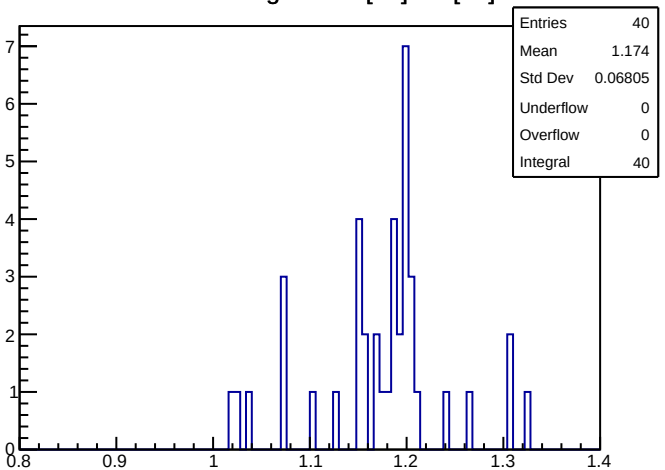

sftx all Sch[38]-Tof[17]
Entries 250
Mean 130.5
Std Dev 9.571
Underflow 0
Overflow 0
Integral 250

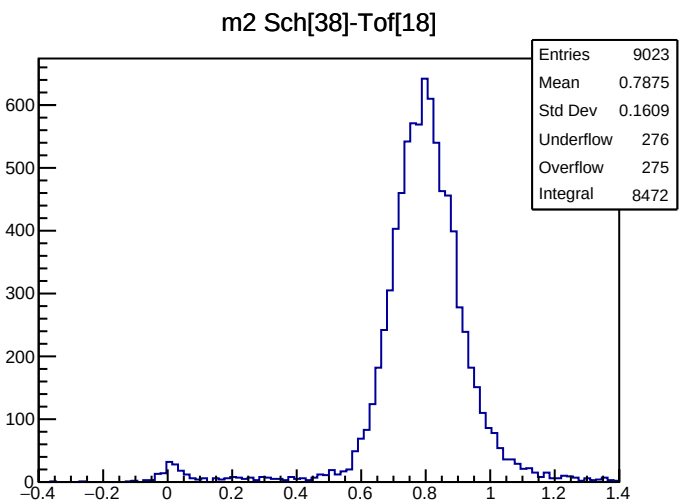

MissMass Sigma Sch[38]-Tof[17]
Entries 267
Mean 1.192
Std Dev 0.03748
Underflow 1
Overflow 0
Integral 266

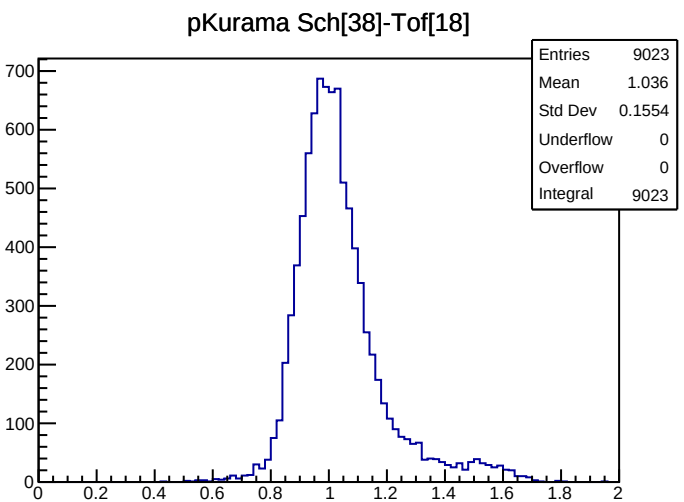

m2 Sch[38]-Tof[17]
Entries 11321
Mean 0.6302
Std Dev 0.2067
Underflow 410
Overflow 189
Integral 1.072e+04

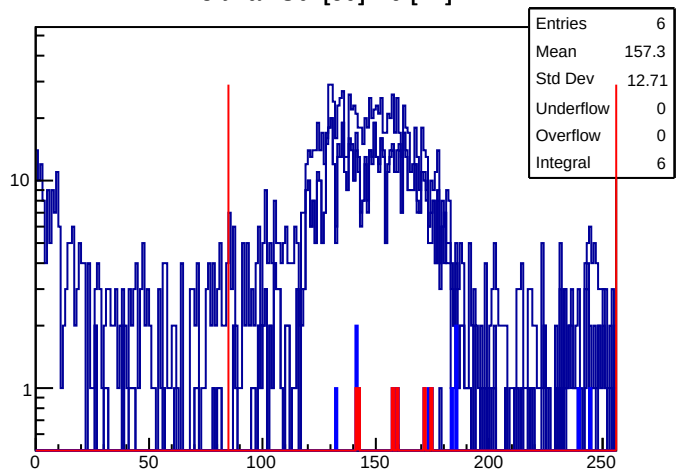

pKurama Sch[38]-Tof[17]
Entries 11321
Mean 0.9473
Std Dev 0.1209
Underflow 0
Overflow 3
Integral 1.132e+04

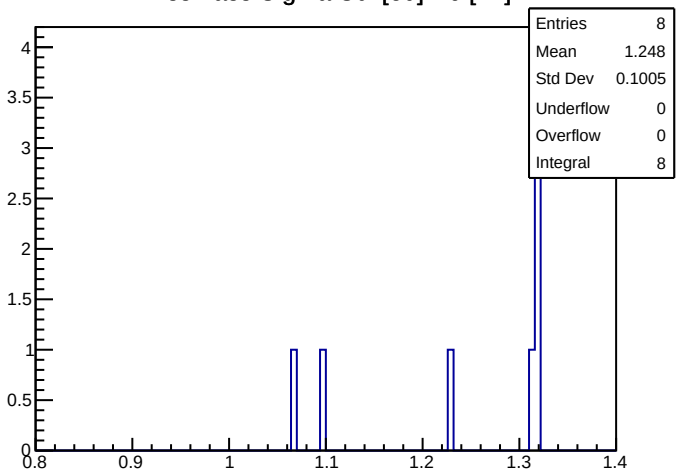

sftx all Sch[38]-Tof[18]
Entries 33
Mean 125.8
Std Dev 11.43
Underflow 0
Overflow 0
Integral 33

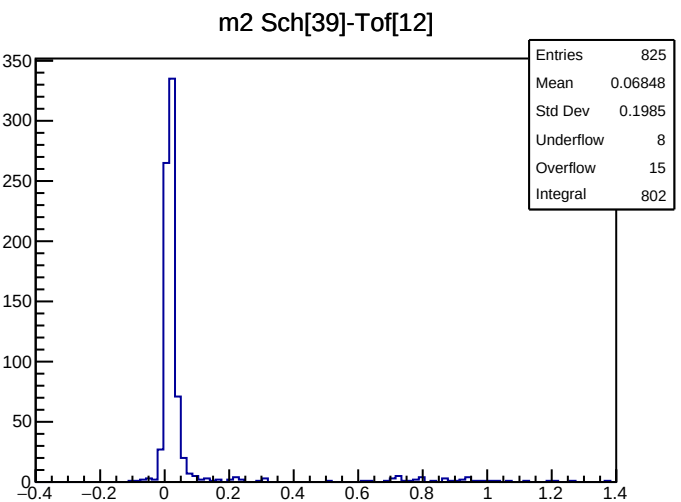

MissMass Sigma Sch[38]-Tof[18]
Entries 40
Mean 1.174
Std Dev 0.06805
Underflow 0
Overflow 0
Integral 40

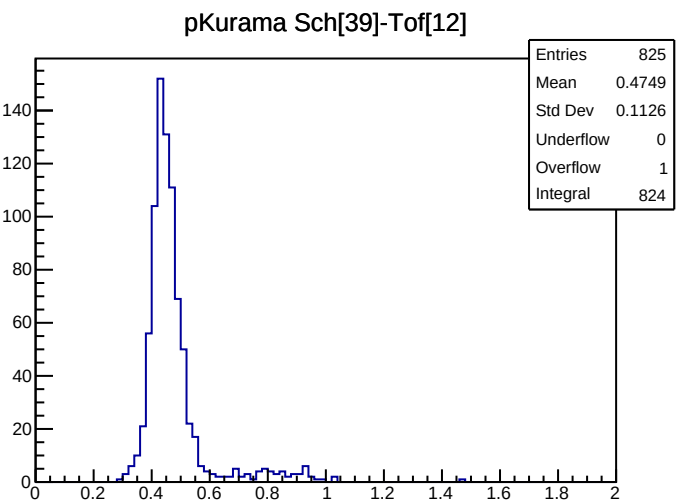

m2 Sch[38]-Tof[18]
Entries 9023
Mean 0.7875
Std Dev 0.1609
Underflow 276
Overflow 275
Integral 8472

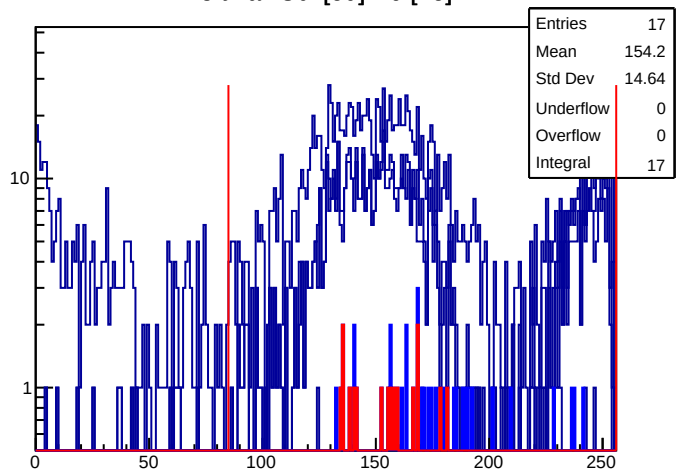

pKurama Sch[38]-Tof[18]
Entries 9023
Mean 1.036
Std Dev 0.1554
Underflow 0
Overflow 0
Integral 9023

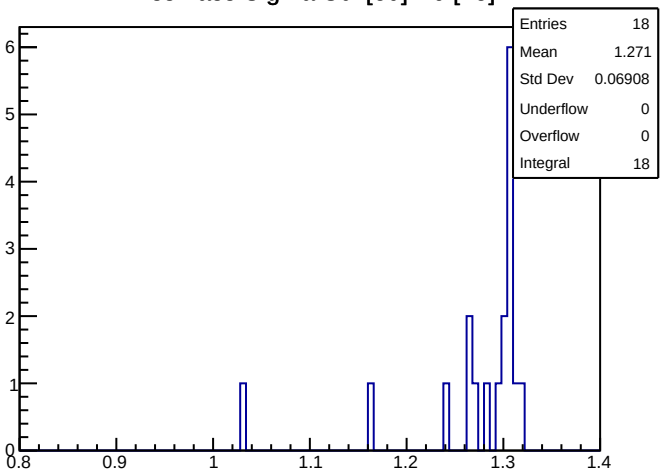

sftx all Sch[39]-Tof[12]
Entries 6
Mean 157.3
Std Dev 12.71
Underflow 0
Overflow 0
Integral 6

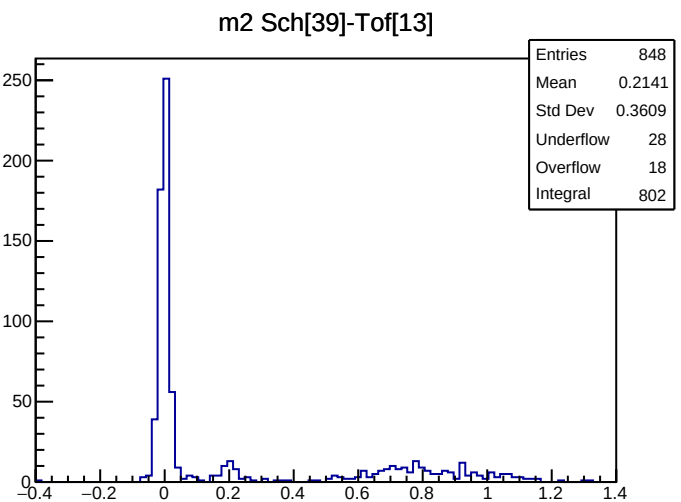

MissMass Sigma Sch[39]-Tof[12]
Entries 8
Mean 1.248
Std Dev 0.1005
Underflow 0
Overflow 0
Integral 8

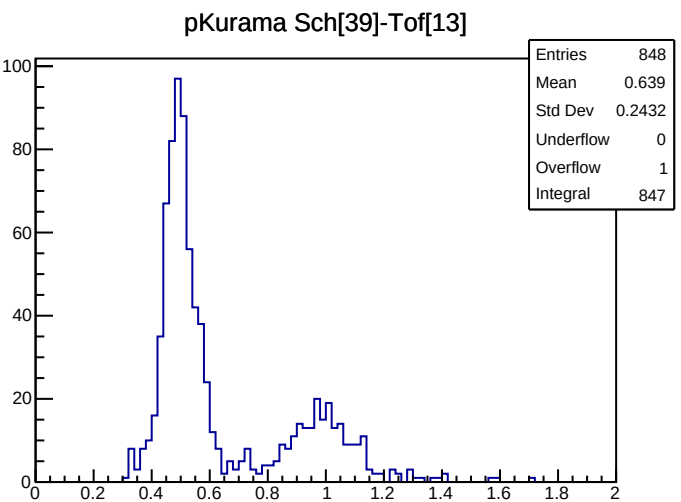

m2 Sch[39]-Tof[12]
Entries 825
Mean 0.06848
Std Dev 0.1985
Underflow 8
Overflow 15
Integral 802

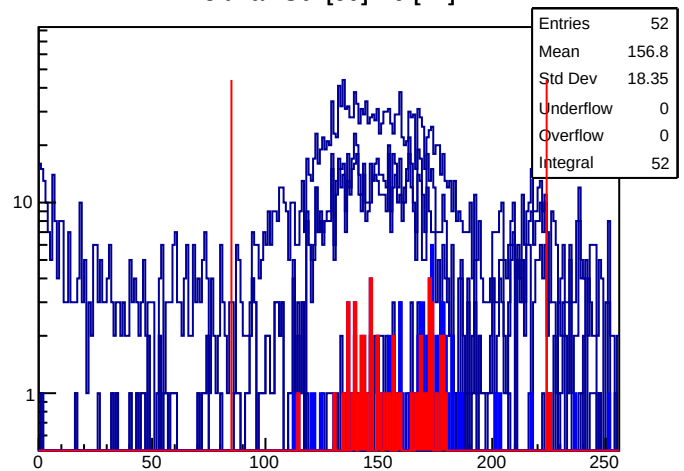

pKurama Sch[39]-Tof[12]
Entries 825
Mean 0.4749
Std Dev 0.1126
Underflow 0
Overflow 1
Integral 824

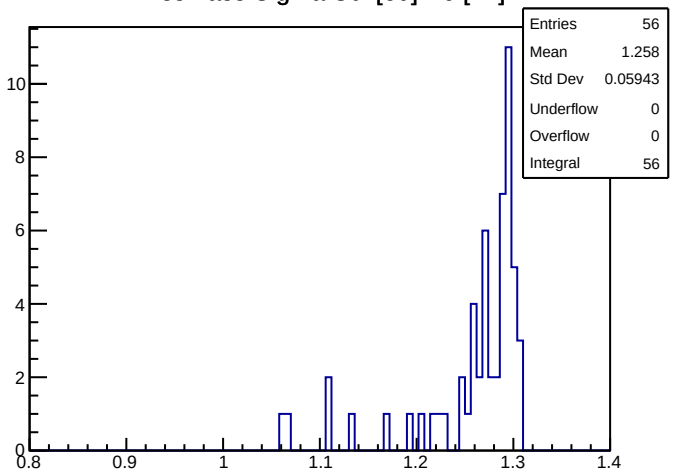

sftx all Sch[39]-Tof[13]
Entries 17
Mean 154.2
Std Dev 14.64
Underflow 0
Overflow 0
Integral 17

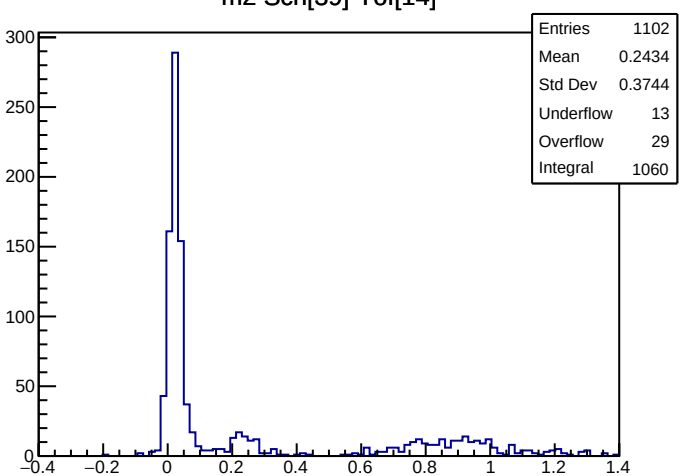

MissMass Sigma Sch[39]-Tof[13]
Entries 18
Mean 1.271
Std Dev 0.06908
Underflow 0
Overflow 0
Integral 18

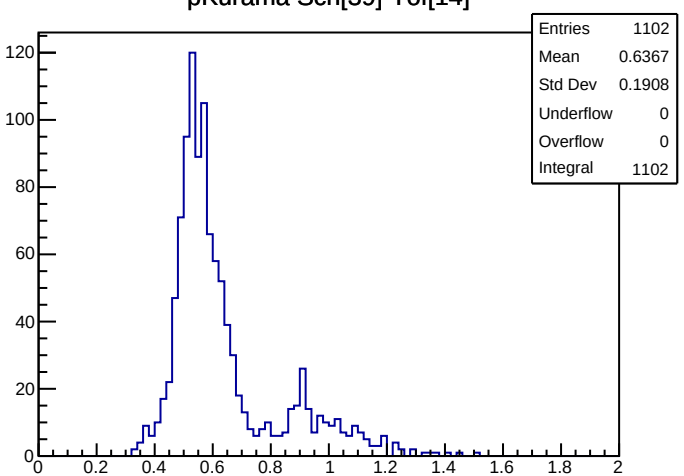

m2 Sch[39]-Tof[13]
Entries 848
Mean 0.2141
Std Dev 0.3609
Underflow 28
Overflow 18
Integral 802

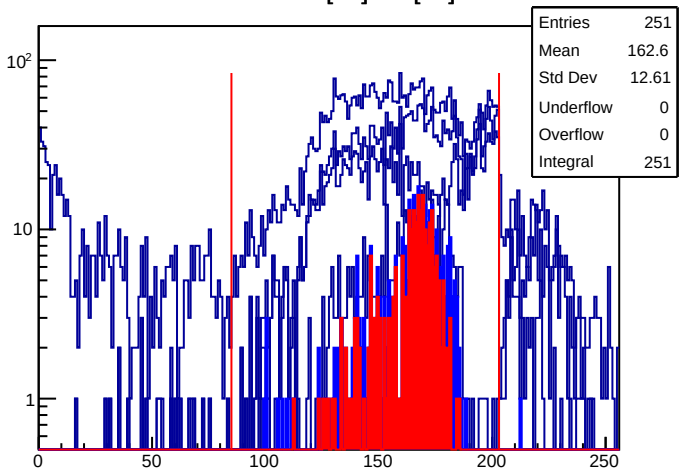

pKurama Sch[39]-Tof[13]
Entries 848
Mean 0.639
Std Dev 0.2432
Underflow 0
Overflow 1
Integral 847

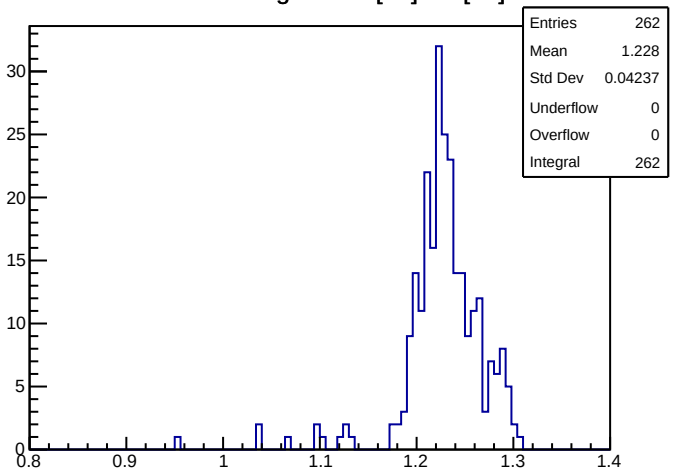

sftx all Sch[39]-Tof[14]
Entries 52
Mean 156.8
Std Dev 18.35
Underflow 0
Overflow 0
Integral 52
10
1
0
50
100
150
200
250

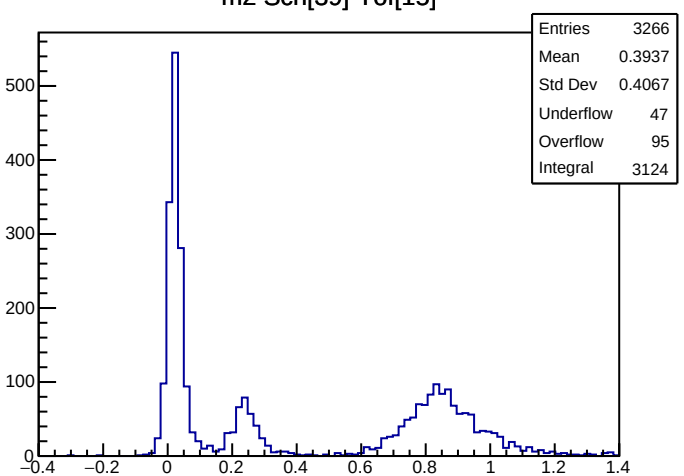

MissMass Sigma Sch[39]-Tof[14]
Entries 56
Mean 1.258
Std Dev 0.05943
Underflow 0
Overflow 0
Integral 56
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

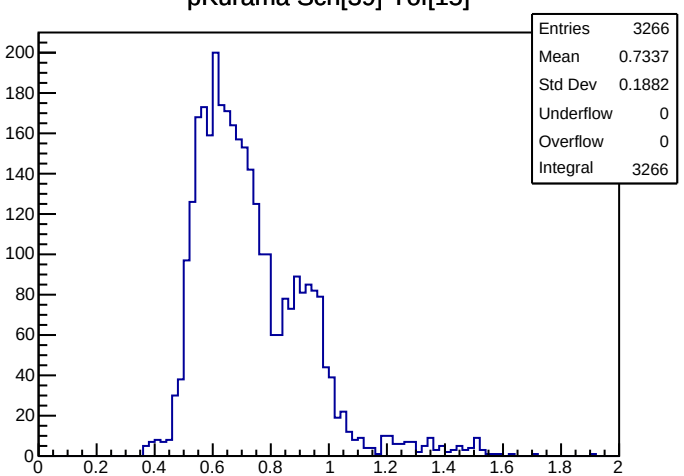

m2 Sch[39]-Tof[14]
Entries 1102
Mean 0.2434
Std Dev 0.3744
Underflow 13
Overflow 29
Integral 1060
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

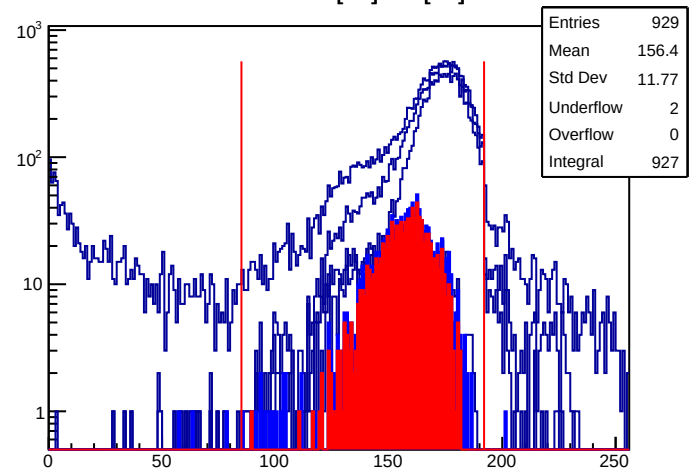

pKurama Sch[39]-Tof[14]
Entries 1102
Mean 0.6367
Std Dev 0.1908
Underflow 0
Overflow 0
Integral 1102
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

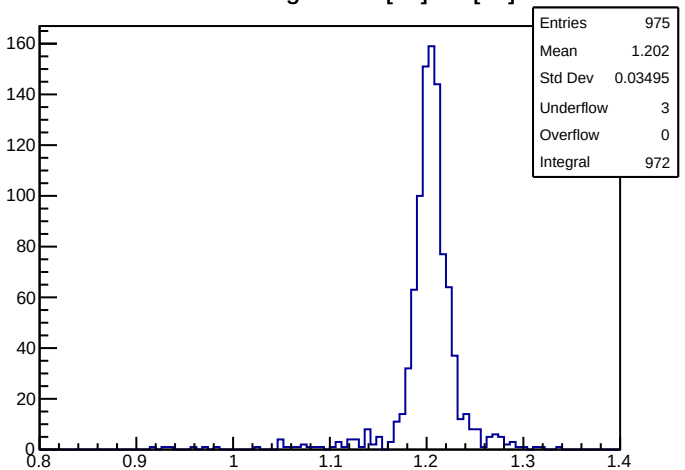

sftx all Sch[39]-Tof[15]
Entries 251
Mean 162.6
Std Dev 12.61
Underflow 0
Overflow 0
Integral 251

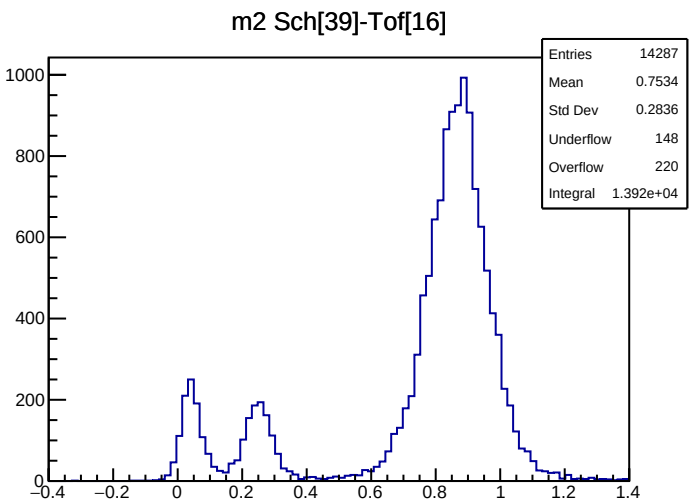

MissMass Sigma Sch[39]-Tof[15]
Entries 262
Mean 1.228
Std Dev 0.04237
Underflow 0
Overflow 0
Integral 262

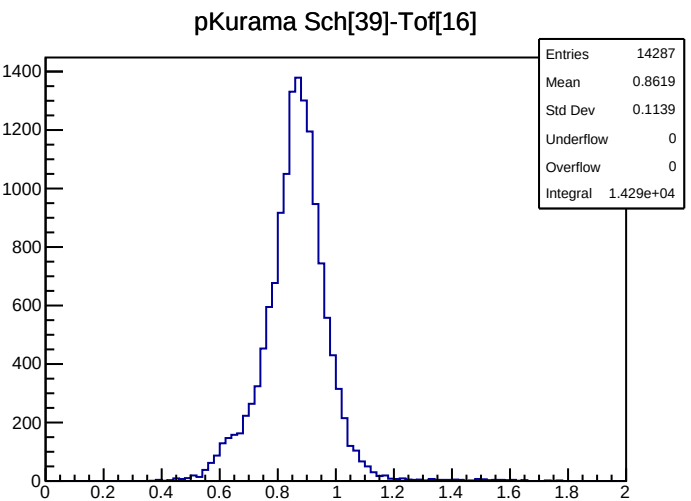

m2 Sch[39]-Tof[15]
Entries 3266
Mean 0.3937
Std Dev 0.4067
Underflow 47
Overflow 95
Integral 3124

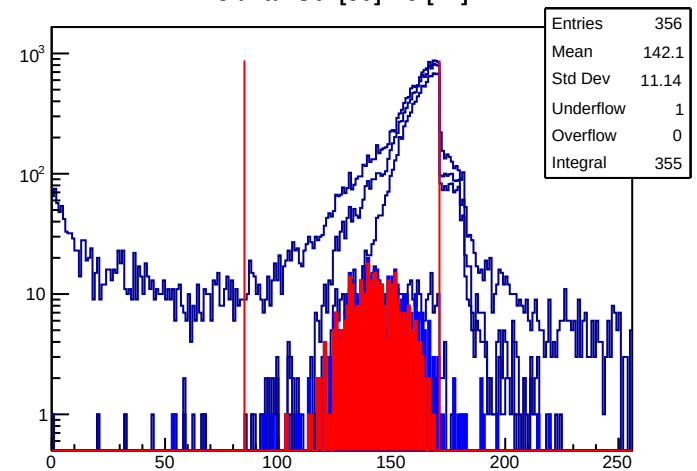

pKurama Sch[39]-Tof[15]
Entries 3266
Mean 0.7337
Std Dev 0.1882
Underflow 0
Overflow 0
Integral 3266

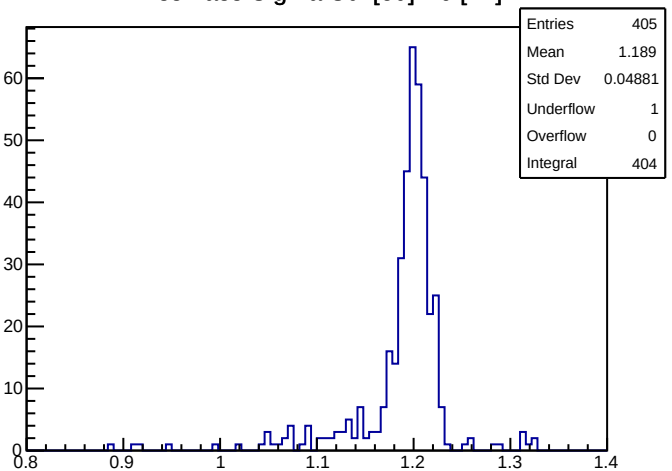

sftx all Sch[39]-Tof[16]
Entries 929
Mean 156.4
Std Dev 11.77
Underflow 2
Overflow 0
Integral 927

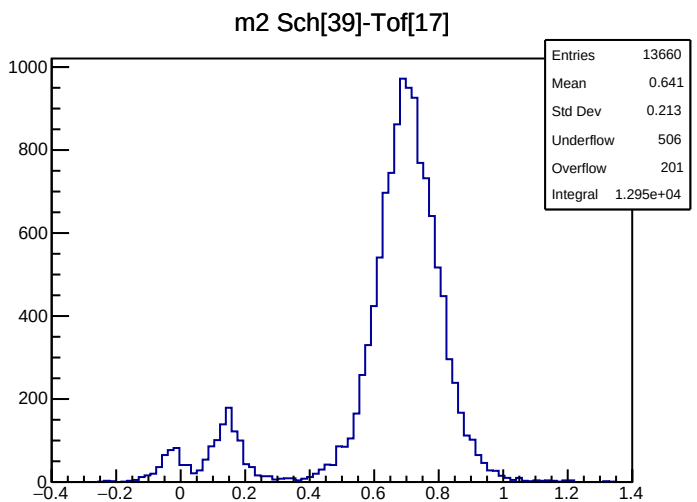

MissMass Sigma Sch[39]-Tof[16]
Entries 975
Mean 1.202
Std Dev 0.03495
Underflow 3
Overflow 0
Integral 972

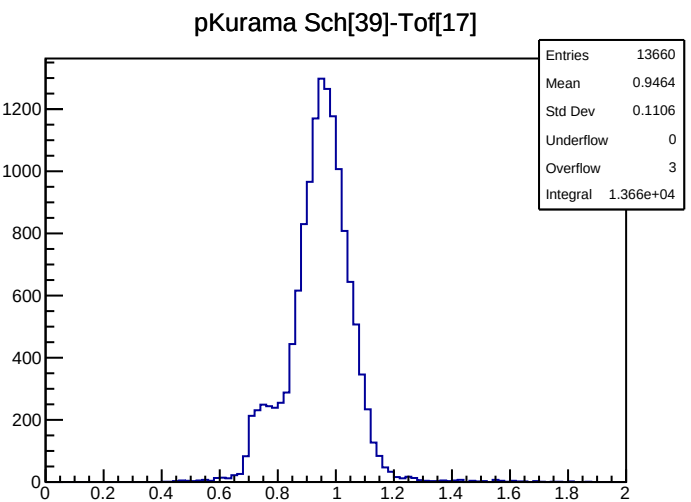

m2 Sch[39]-Tof[16]
Entries 14287
Mean 0.7534
Std Dev 0.2836
Underflow 148
Overflow 220
Integral 1.392e+04

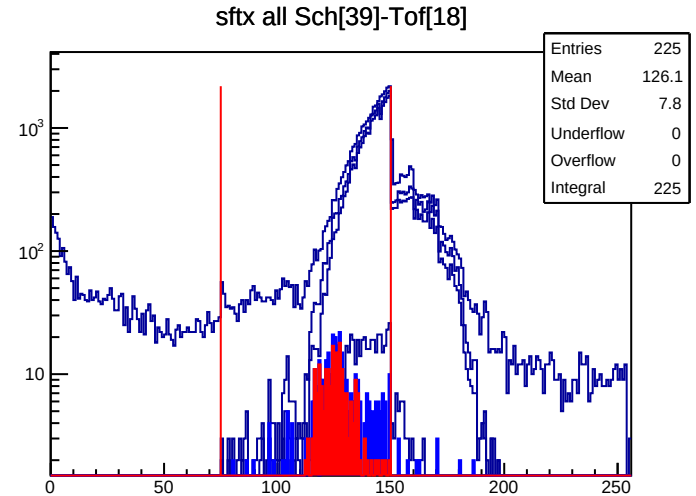

pKurama Sch[39]-Tof[16]
Entries 14287
Mean 0.8619
Std Dev 0.1139
Underflow 0
Overflow 0
Integral 1.429e+04

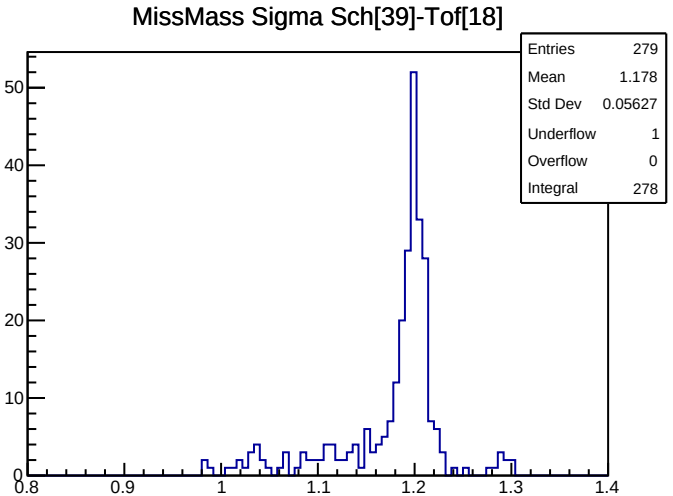

sftx all Sch[39]-Tof[17]
Entries 356
Mean 142.1
Std Dev 11.14
Underflow 1
Overflow 0
Integral 355

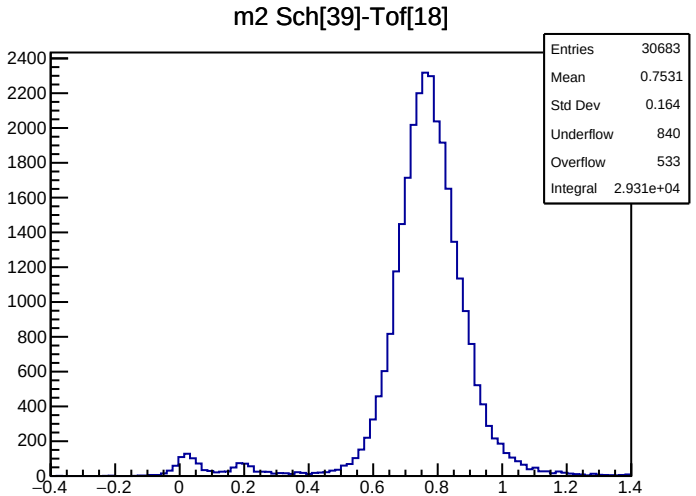

MissMass Sigma Sch[39]-Tof[17]
Entries 405
Mean 1.189
Std Dev 0.04881
Underflow 1
Overflow 0
Integral 404

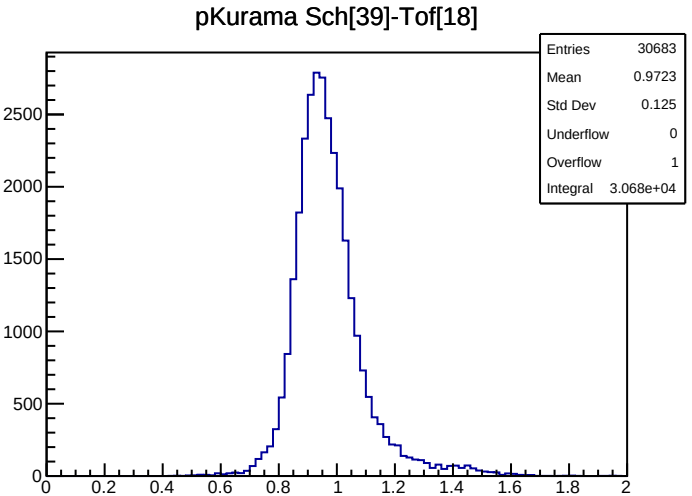

m2 Sch[39]-Tof[17]
Entries 13660
Mean 0.641
Std Dev 0.213
Underflow 506
Overflow 201
Integral 1.295e+04

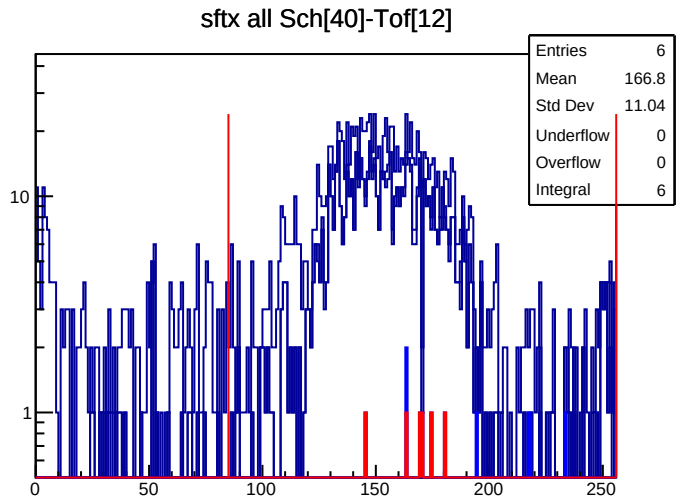

pKurama Sch[39]-Tof[17]
Entries 13660
Mean 0.9464
Std Dev 0.1106
Underflow 0
Overflow 3
Integral 1.366e+04

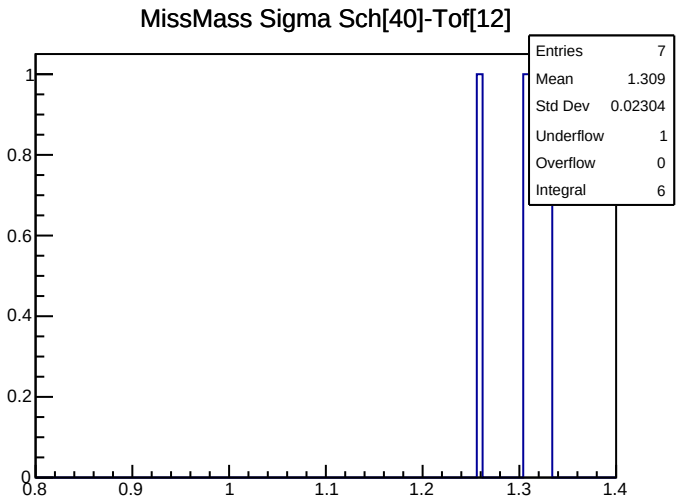

sftx all Sch[39]-Tof[18]
Entries 225
Mean 126.1
Std Dev 7.8
Underflow 0
Overflow 0
Integral 225

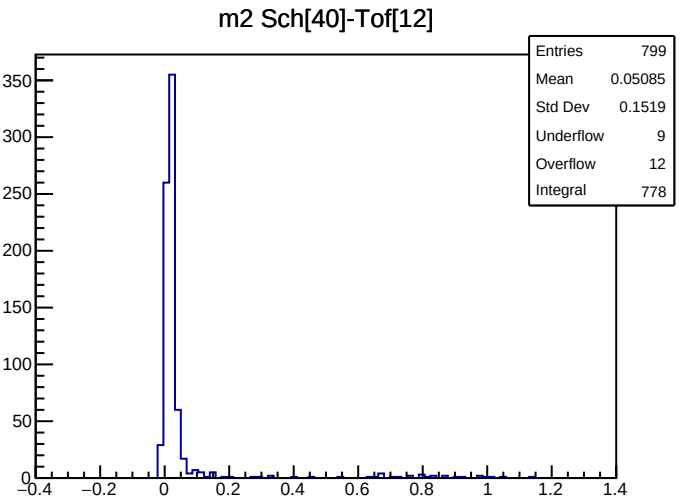

MissMass Sigma Sch[39]-Tof[18]
Entries 279
Mean 1.178
Std Dev 0.05627
Underflow 1
Overflow 0
Integral 278

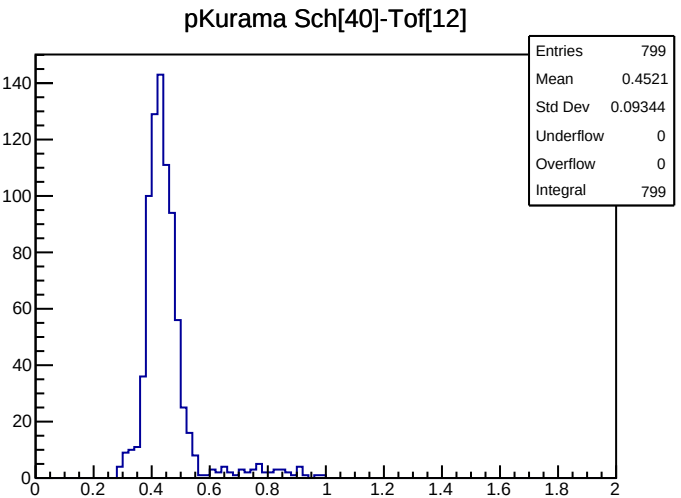

m2 Sch[39]-Tof[18]
Entries 30683
Mean 0.7531
Std Dev 0.164
Underflow 840
Overflow 533
Integral 2.931e+04

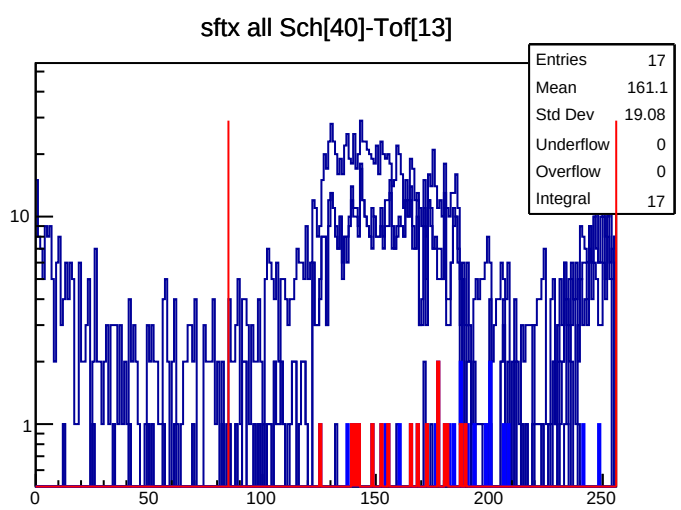

pKurama Sch[39]-Tof[18]
Entries 30683
Mean 0.9723
Std Dev 0.125
Underflow 0
Overflow 1
Integral 3.068e+04

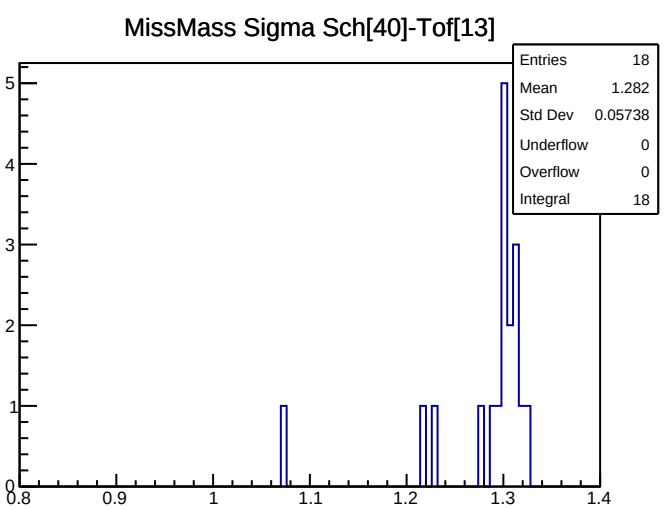

sftx all Sch[40]-Tof[12]
Entries 6
Mean 166.8
Std Dev 11.04
Underflow 0
Overflow 0
Integral 6
10
1
0
50
100
150
200
250

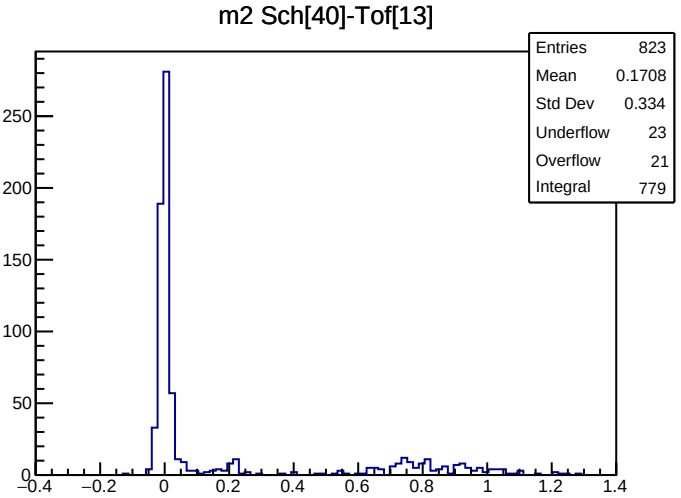

MissMass Sigma Sch[40]-Tof[12]
Entries 7
Mean 1.309
Std Dev 0.02304
Underflow 1
Overflow 0
Integral 6
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

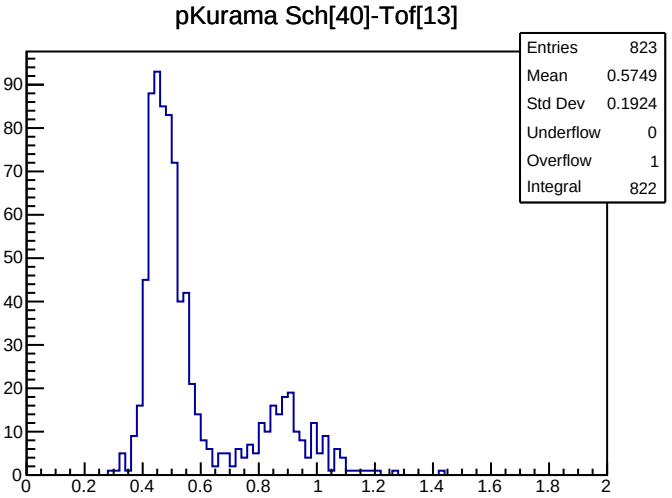

m2 Sch[40]-Tof[12]
Entries 799
Mean 0.05085
Std Dev 0.1519
Underflow 9
Overflow 12
Integral 778
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

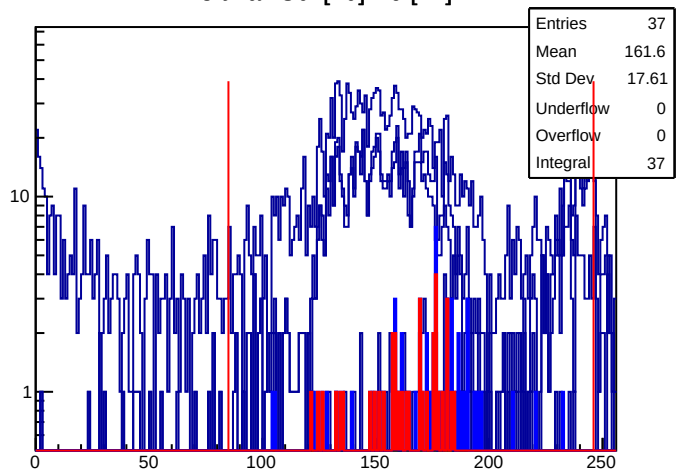

pKurama Sch[40]-Tof[12]
Entries 799
Mean 0.4521
Std Dev 0.09344
Underflow 0
Overflow 0
Integral 799
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

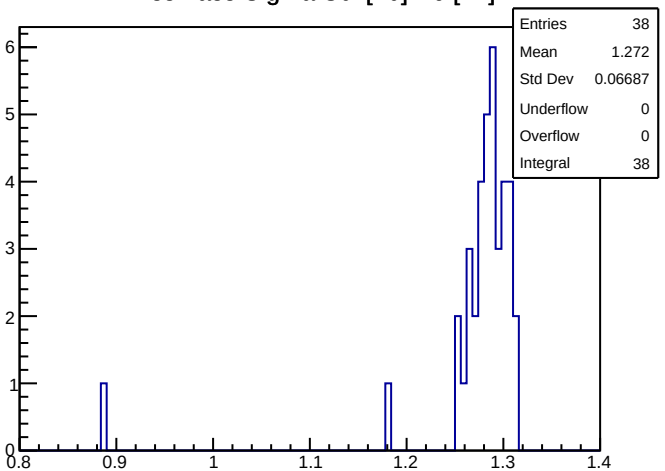

sftx all Sch[40]-Tof[13]
Entries 17
Mean 161.1
Std Dev 19.08
Underflow 0
Overflow 0
Integral 17
10
1
0
50
100
150
200
250

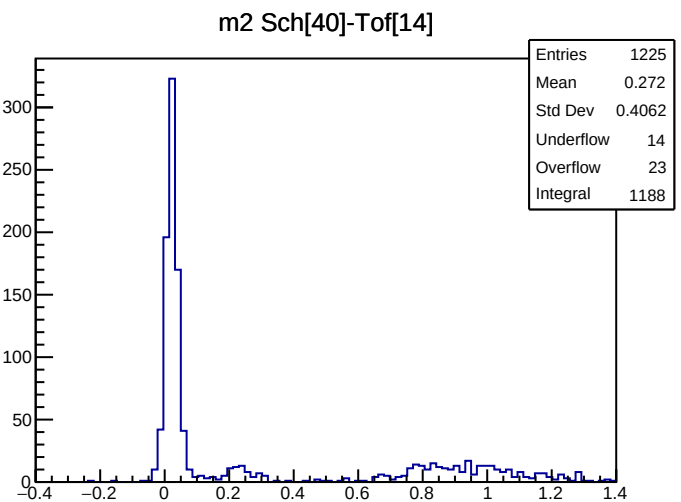

MissMass Sigma Sch[40]-Tof[13]
Entries 18
Mean 1.282
Std Dev 0.05738
Underflow 0
Overflow 0
Integral 18
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

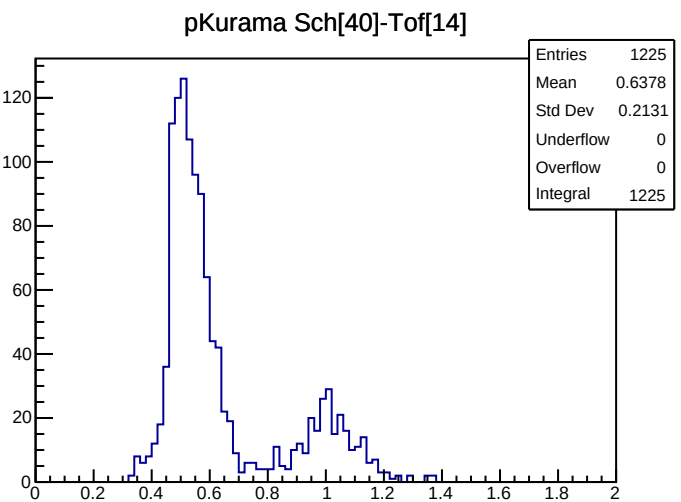

m2 Sch[40]-Tof[13]
Entries 823
Mean 0.1708
Std Dev 0.334
Underflow 23
Overflow 21
Integral 779
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

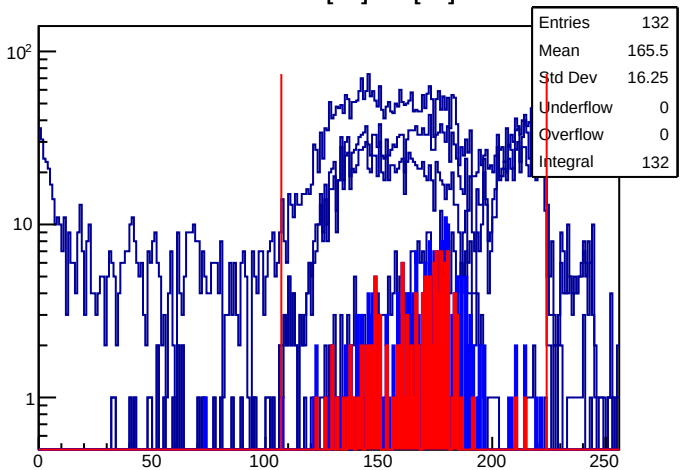

pKurama Sch[40]-Tof[13]
Entries 823
Mean 0.5749
Std Dev 0.1924
Underflow 0
Overflow 1
Integral 822
90
80
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

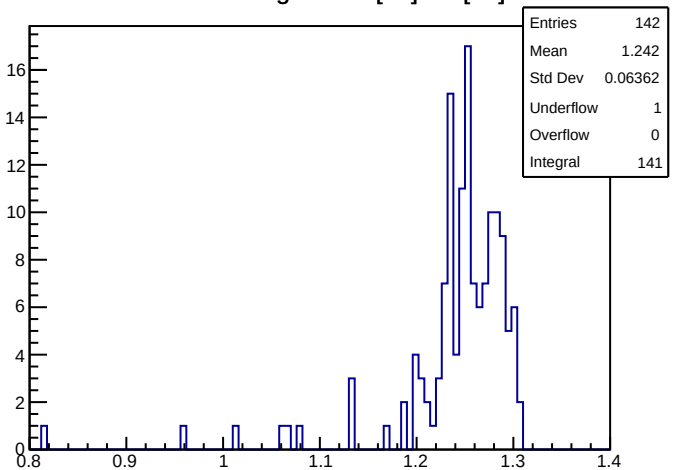

sftx all Sch[40]-Tof[14]
Entries 37
Mean 161.6
Std Dev 17.61
Underflow 0
Overflow 0
Integral 37
10
1
0
50
100
150
200
250

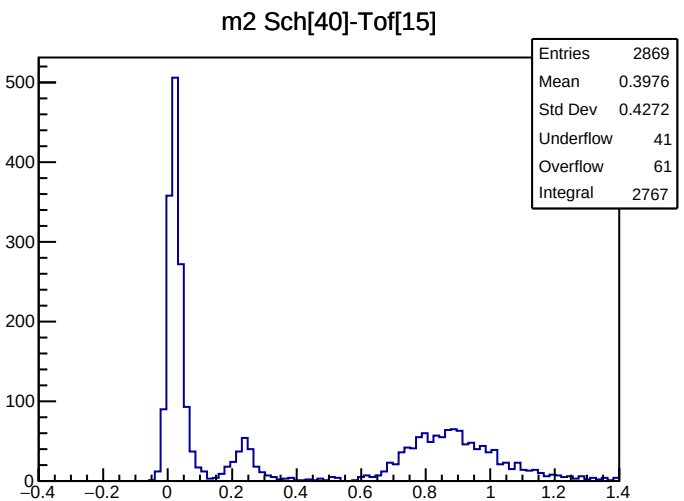

MissMass Sigma Sch[40]-Tof[14]
Entries 38
Mean 1.272
Std Dev 0.06687
Underflow 0
Overflow 0
Integral 38
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

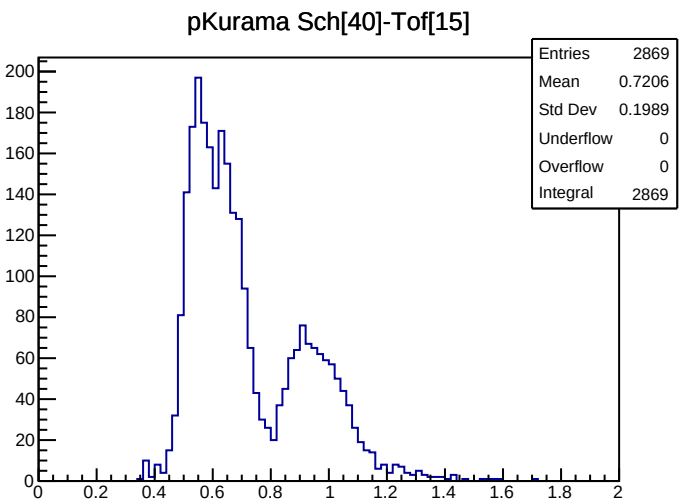

m2 Sch[40]-Tof[14]
Entries 1225
Mean 0.272
Std Dev 0.4062
Underflow 14
Overflow 23
Integral 1188
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

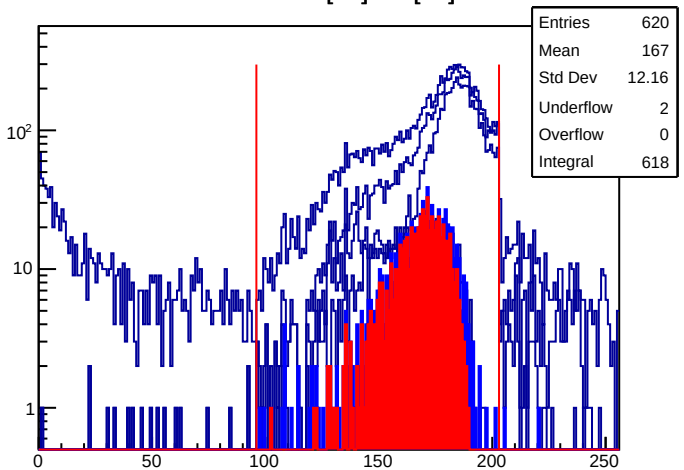

pKurama Sch[40]-Tof[14]
Entries 1225
Mean 0.6378
Std Dev 0.2131
Underflow 0
Overflow 0
Integral 1225
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

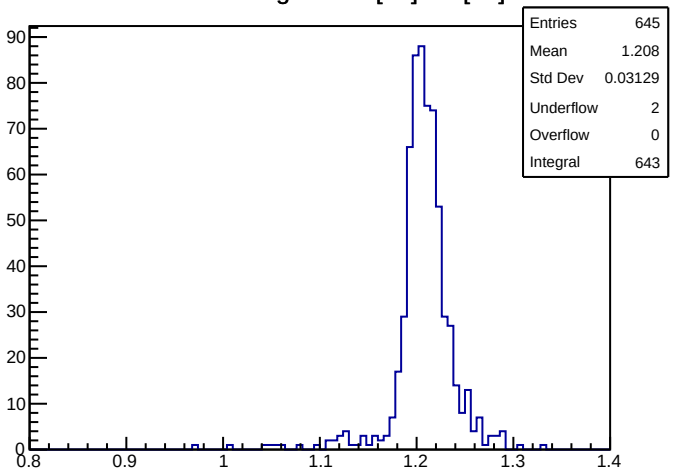

sftx all Sch[40]-Tof[15]
Entries 132
Mean 165.5
Std Dev 16.25
Underflow 0
Overflow 0
Integral 132

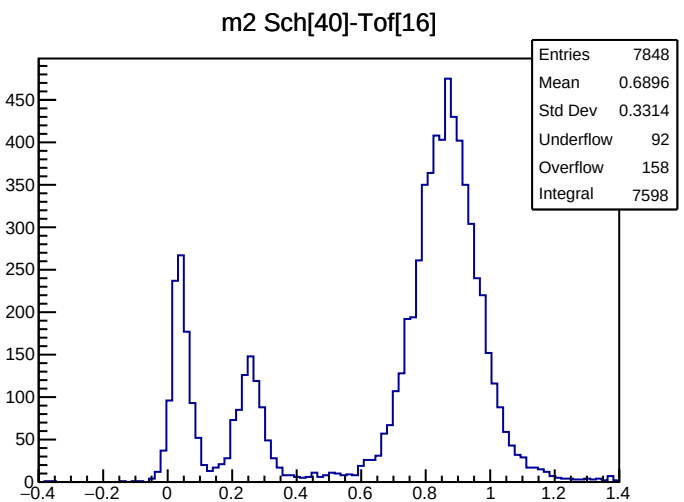

MissMass Sigma Sch[40]-Tof[15]
Entries 142
Mean 1.242
Std Dev 0.06362
Underflow 1
Overflow 0
Integral 141

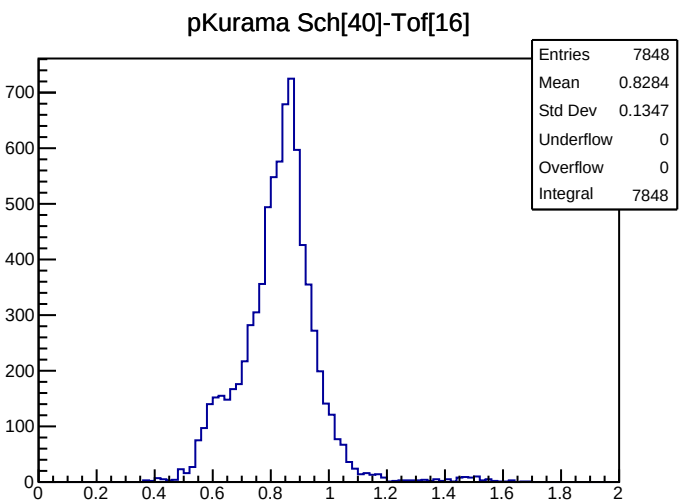

m2 Sch[40]-Tof[15]
Entries 2869
Mean 0.3976
Std Dev 0.4272
Underflow 41
Overflow 61
Integral 2767

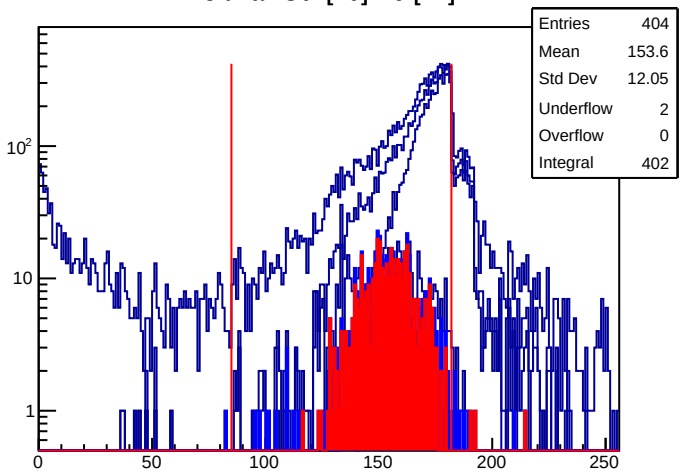

pKurama Sch[40]-Tof[15]
Entries 2869
Mean 0.7206
Std Dev 0.1989
Underflow 0
Overflow 0
Integral 2869

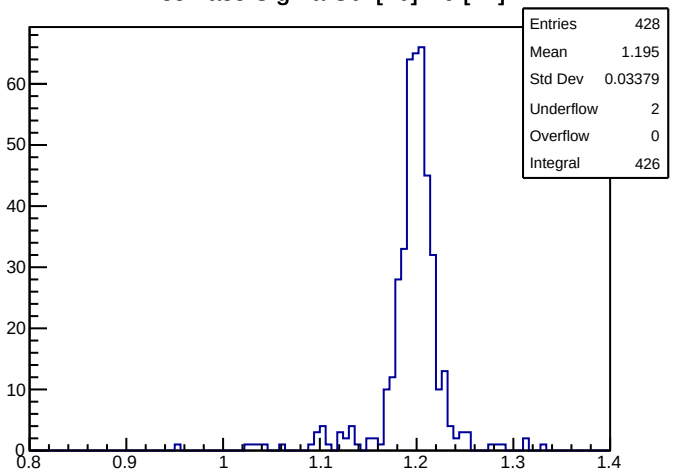

sftx all Sch[40]-Tof[16]
Entries 620
Mean 167
Std Dev 12.16
Underflow 2
Overflow 0
Integral 618

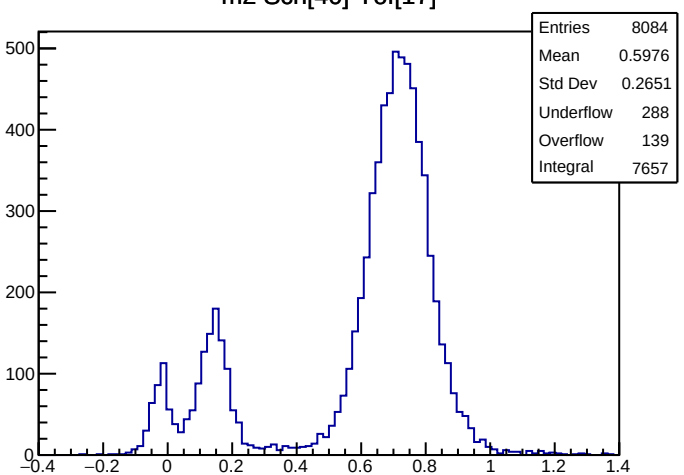

MissMass Sigma Sch[40]-Tof[16]
Entries 645
Mean 1.208
Std Dev 0.03129
Underflow 2
Overflow 0
Integral 643

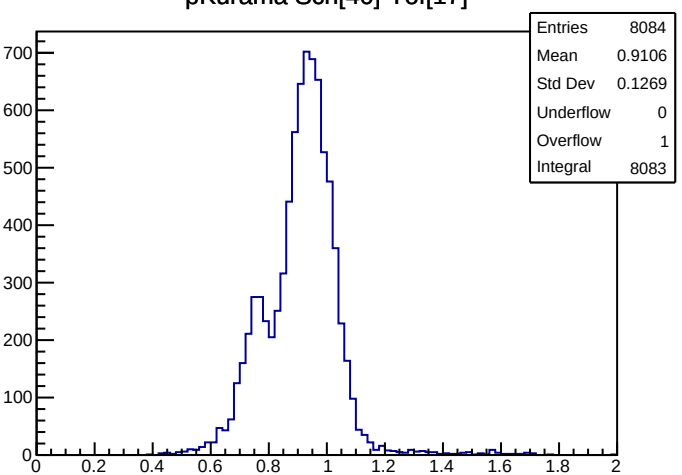

m2 Sch[40]-Tof[16]
Entries 7848
Mean 0.6896
Std Dev 0.3314
Underflow 92
Overflow 158
Integral 7598

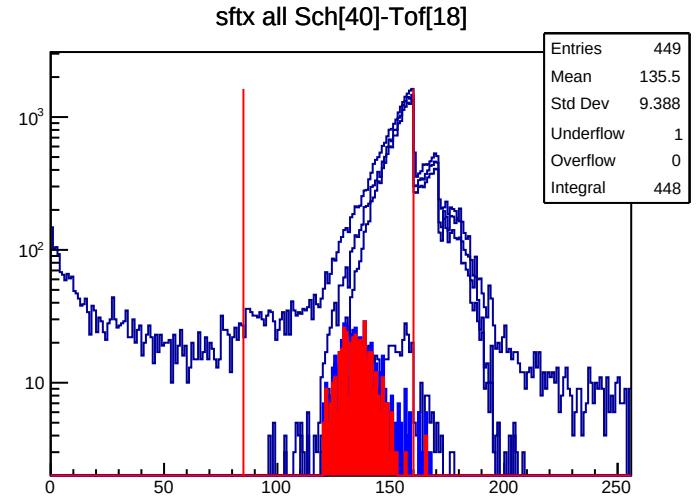

pKurama Sch[40]-Tof[16]
Entries 7848
Mean 0.8284
Std Dev 0.1347
Underflow 0
Overflow 0
Integral 7848

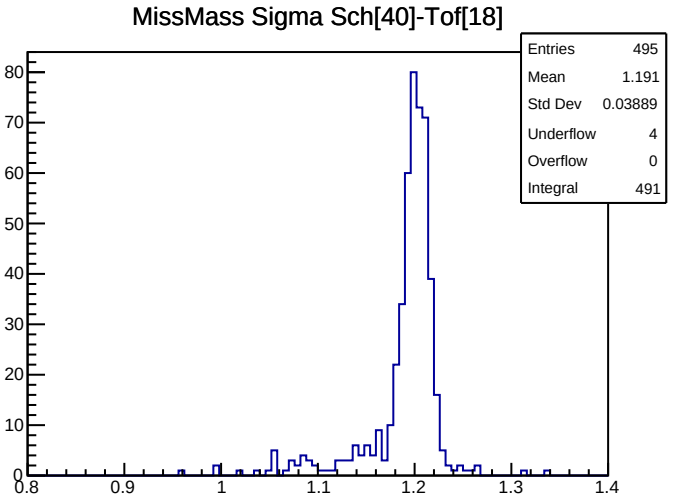

sftx all Sch[40]-Tof[17]
Entries 404
Mean 153.6
Std Dev 12.05
Underflow 2
Overflow 0
Integral 402

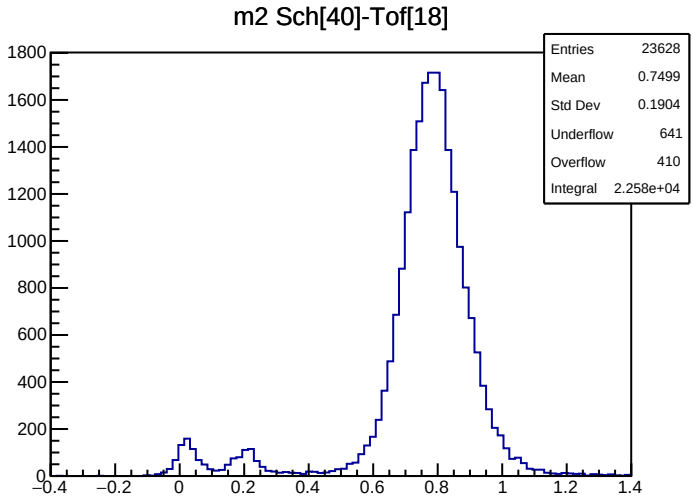

MissMass Sigma Sch[40]-Tof[17]
Entries 428
Mean 1.195
Std Dev 0.03379
Underflow 2
Overflow 0
Integral 426

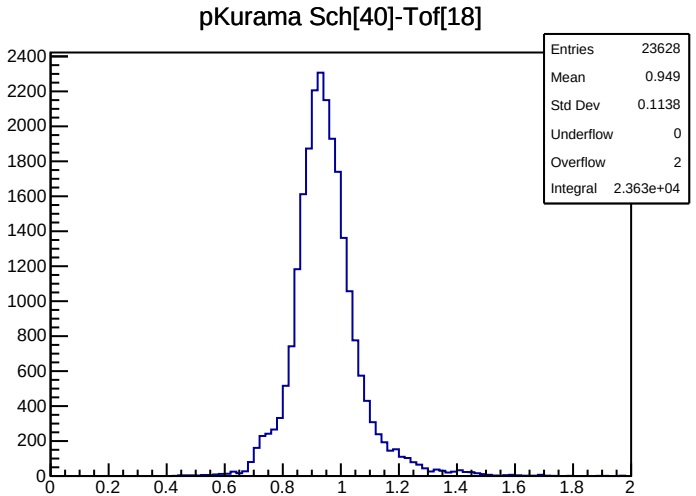

m2 Sch[40]-Tof[17]
Entries 8084
Mean 0.5976
Std Dev 0.2651
Underflow 288
Overflow 139
Integral 7657

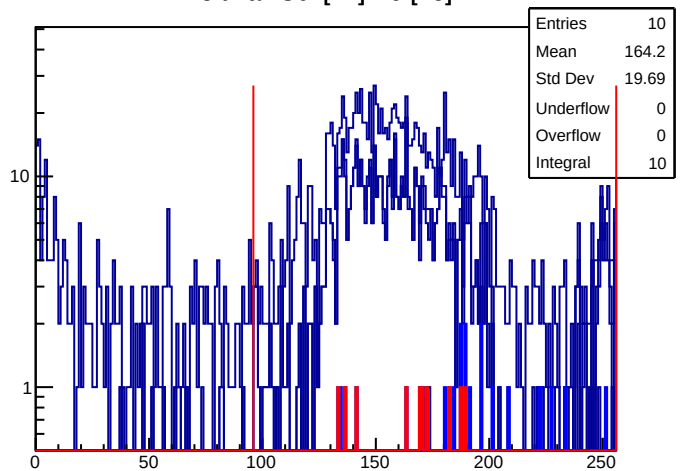

pKurama Sch[40]-Tof[17]
Entries 8084
Mean 0.9106
Std Dev 0.1269
Underflow 0
Overflow 1
Integral 8083

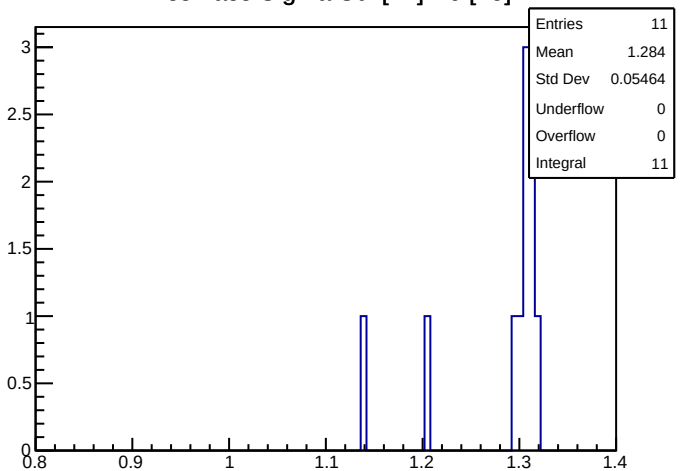

sftx all Sch[40]-Tof[18]
Entries 449
Mean 135.5
Std Dev 9.388
Underflow 1
Overflow 0
Integral 448

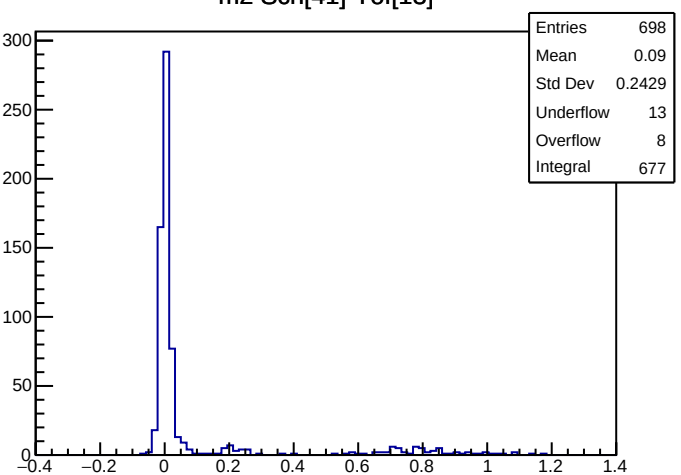

MissMass Sigma Sch[40]-Tof[18]
Entries 495
Mean 1.191
Std Dev 0.03889
Underflow 4
Overflow 0
Integral 491

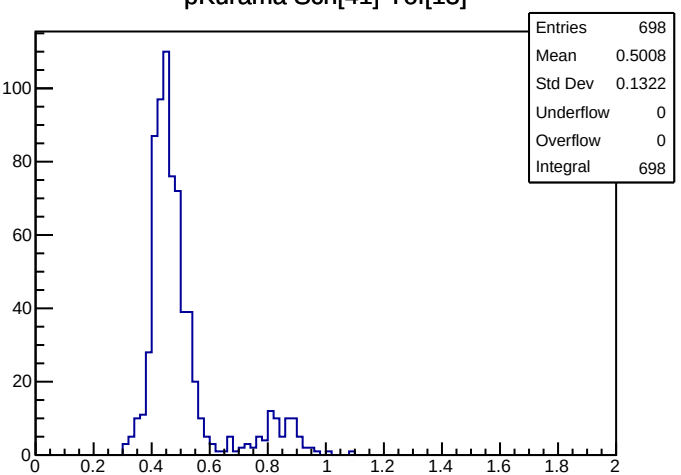

m2 Sch[40]-Tof[18]
Entries 23628
Mean 0.7499
Std Dev 0.1904
Underflow 641
Overflow 410
Integral 2.258e+04

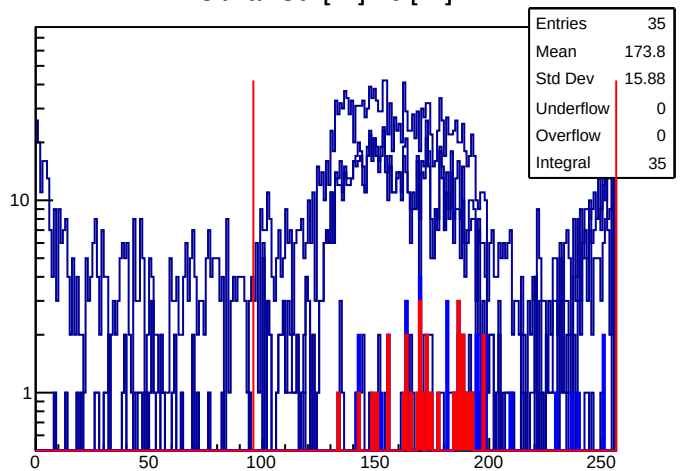

pKurama Sch[40]-Tof[18]
Entries 23628
Mean 0.949
Std Dev 0.1138
Underflow 0
Overflow 2
Integral 2.363e+04

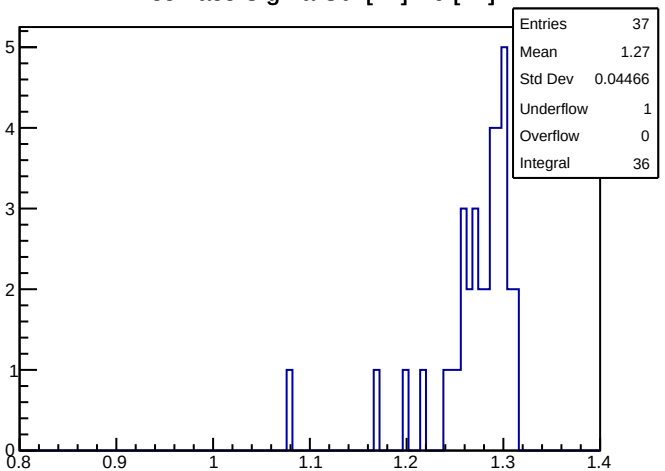

sftx all Sch[41]-Tof[13]
Entries 10
Mean 164.2
Std Dev 19.69
Underflow 0
Overflow 0
Integral 10
10
1
0
50
100
150
200
250

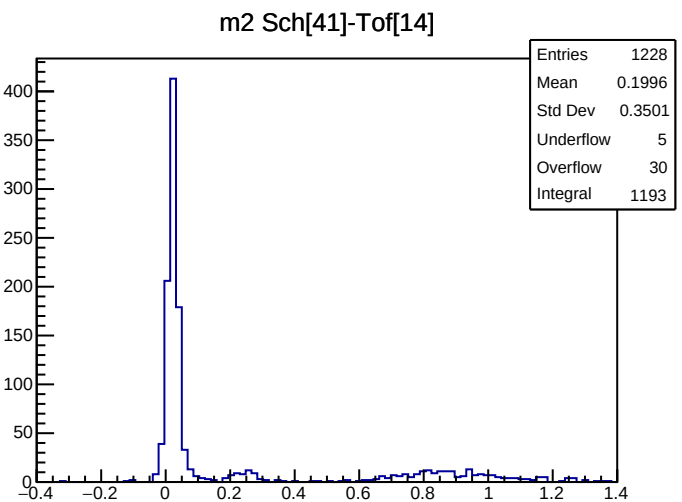

MissMass Sigma Sch[41]-Tof[13]
Entries 11
Mean 1.284
Std Dev 0.05464
Underflow 0
Overflow 0
Integral 11
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

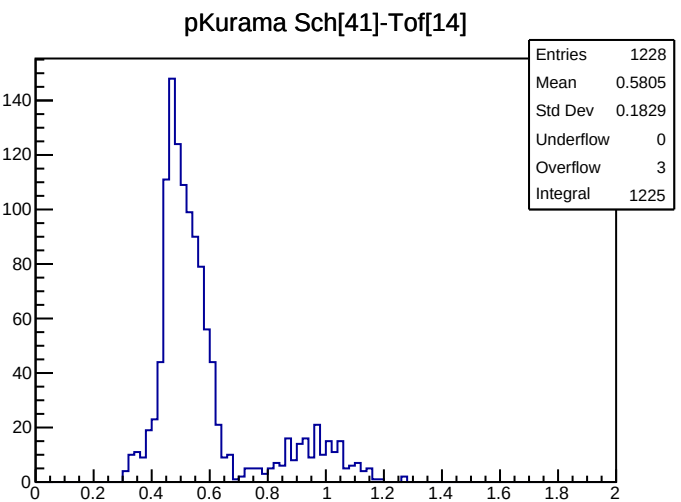

m2 Sch[41]-Tof[13]
Entries 698
Mean 0.09
Std Dev 0.2429
Underflow 13
Overflow 8
Integral 677
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

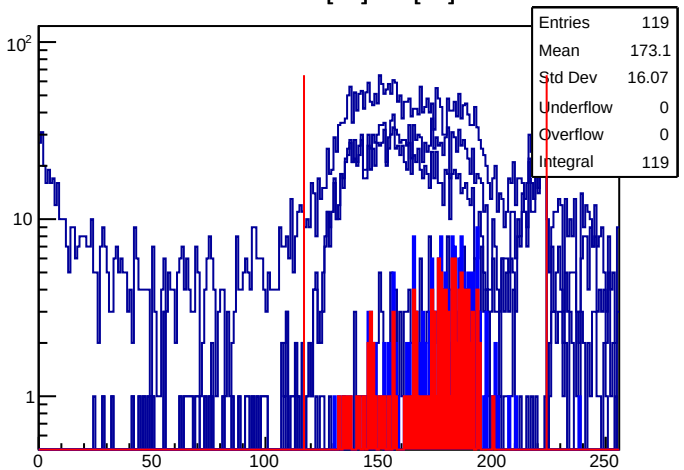

pKurama Sch[41]-Tof[13]
Entries 698
Mean 0.5008
Std Dev 0.1322
Underflow 0
Overflow 0
Integral 698
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

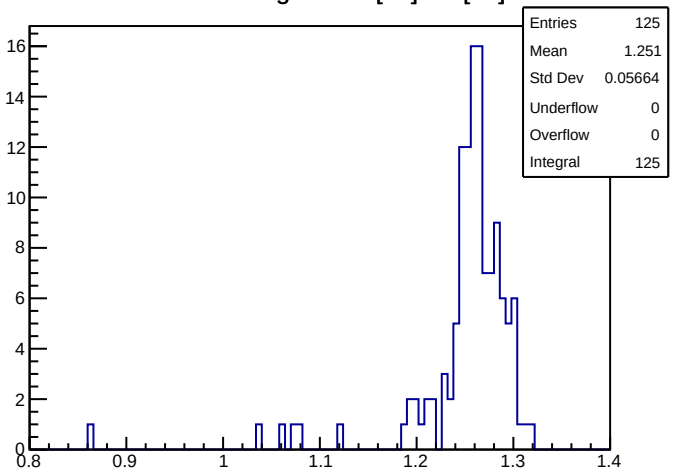

sftx all Sch[41]-Tof[14]
Entries 35
Mean 173.8
Std Dev 15.88
Underflow 0
Overflow 0
Integral 35
10
1
0
50
100
150
200
250

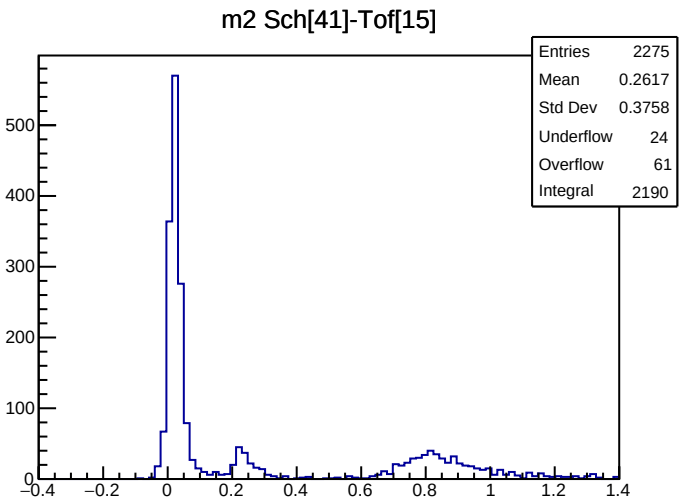

MissMass Sigma Sch[41]-Tof[14]
Entries 37
Mean 1.27
Std Dev 0.04466
Underflow 1
Overflow 0
Integral 36
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

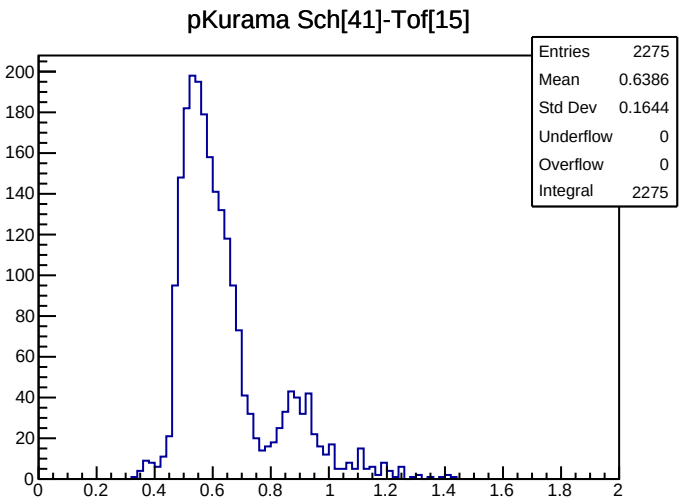

m2 Sch[41]-Tof[14]
Entries 1228
Mean 0.1996
Std Dev 0.3501
Underflow 5
Overflow 30
Integral 1193
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

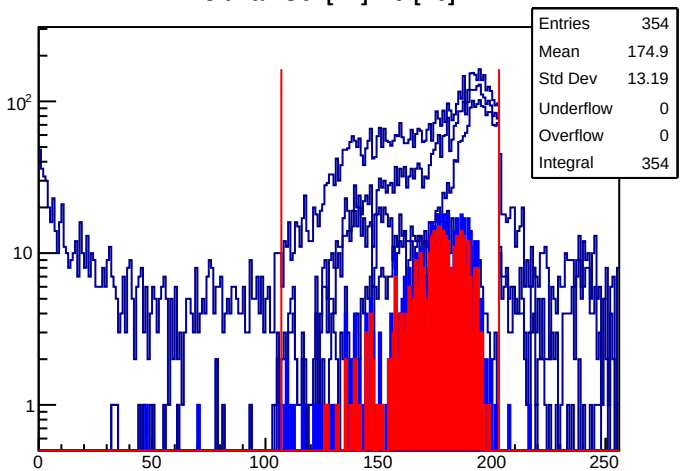

pKurama Sch[41]-Tof[14]
Entries 1228
Mean 0.5805
Std Dev 0.1829
Underflow 0
Overflow 3
Integral 1225
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

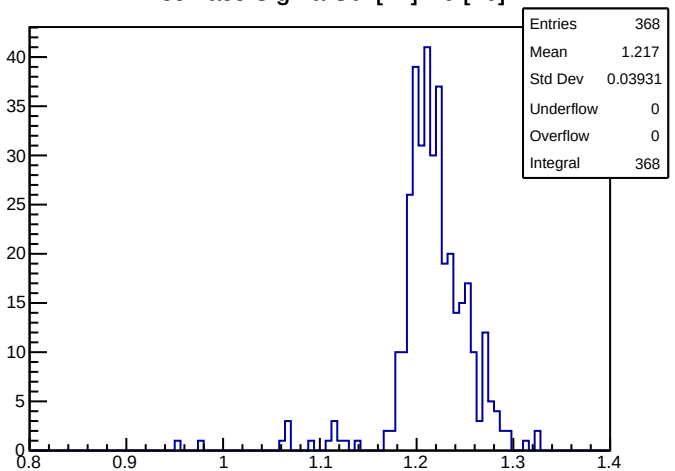

sftx all Sch[41]-Tof[15]
Entries 119
Mean 173.1
Std Dev 16.07
Underflow 0
Overflow 0
Integral 119

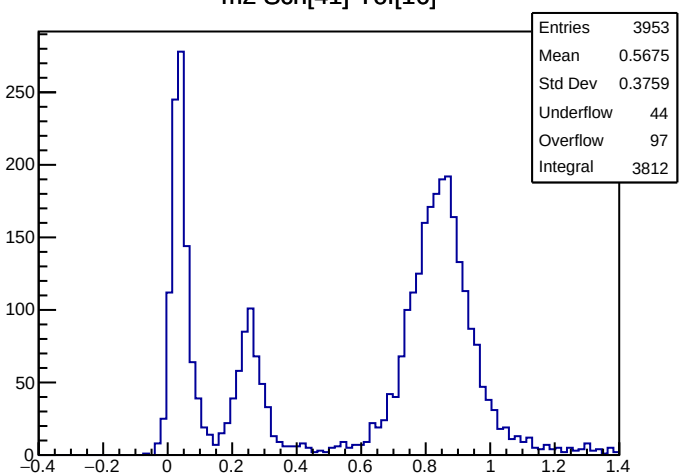

MissMass Sigma Sch[41]-Tof[15]
Entries 125
Mean 1.251
Std Dev 0.05664
Underflow 0
Overflow 0
Integral 125

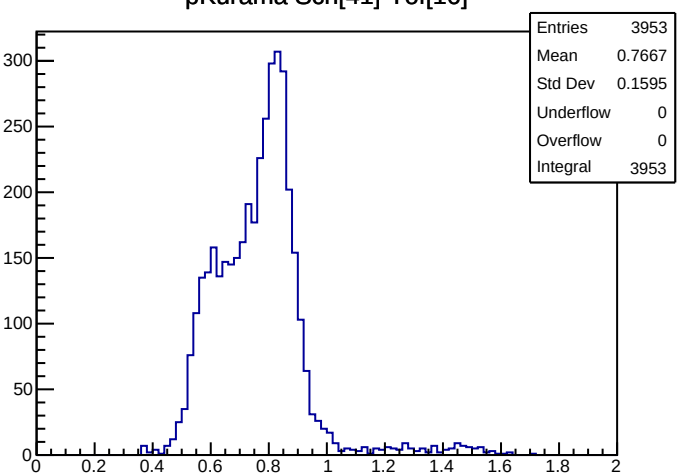

m2 Sch[41]-Tof[15]
Entries 2275
Mean 0.2617
Std Dev 0.3758
Underflow 24
Overflow 61
Integral 2190

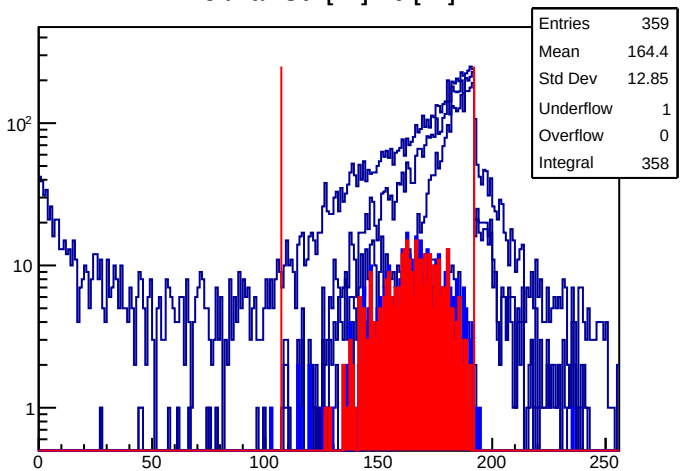

pKurama Sch[41]-Tof[15]
Entries 2275
Mean 0.6386
Std Dev 0.1644
Underflow 0
Overflow 0
Integral 2275

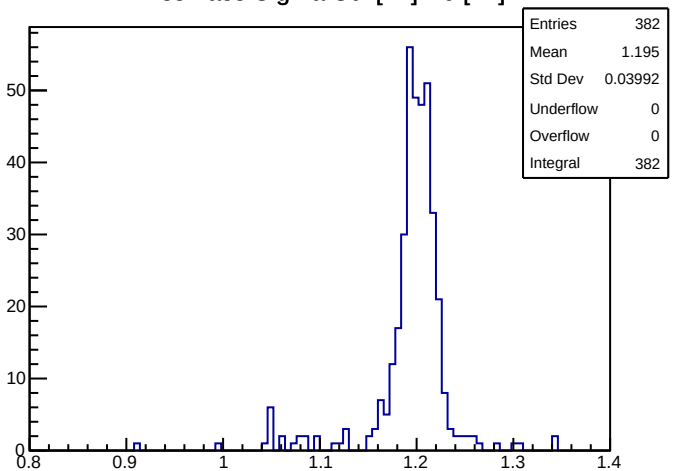

sftx all Sch[41]-Tof[16]
Entries 354
Mean 174.9
Std Dev 13.19
Underflow 0
Overflow 0
Integral 354

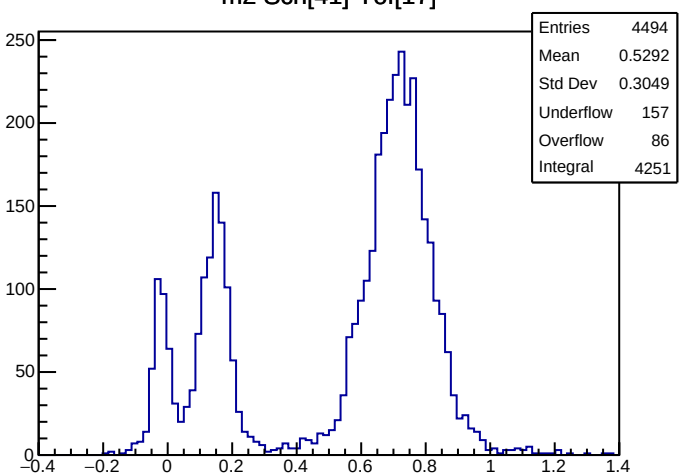

MissMass Sigma Sch[41]-Tof[16]
Entries 368
Mean 1.217
Std Dev 0.03931
Underflow 0
Overflow 0
Integral 368

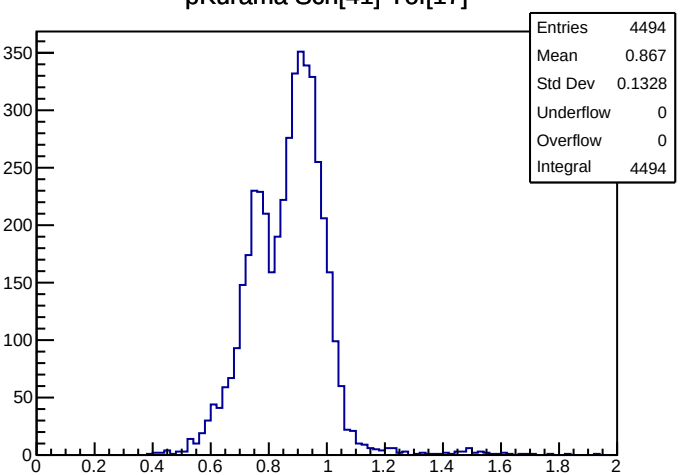

m2 Sch[41]-Tof[16]
Entries 3953
Mean 0.5675
Std Dev 0.3759
Underflow 44
Overflow 97
Integral 3812

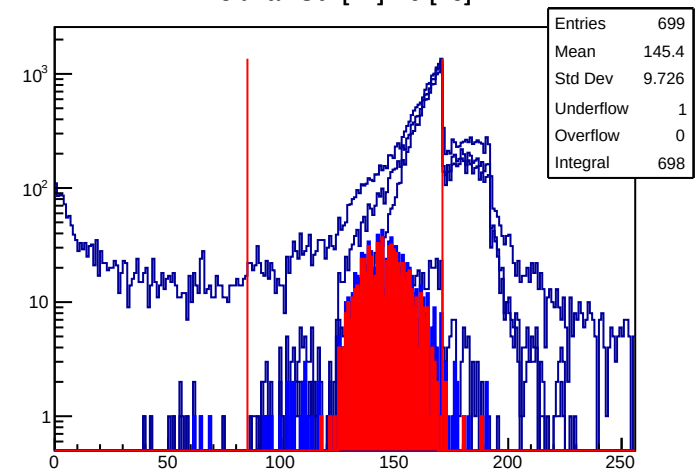

pKurama Sch[41]-Tof[16]
Entries 3953
Mean 0.7667
Std Dev 0.1595
Underflow 0
Overflow 0
Integral 3953

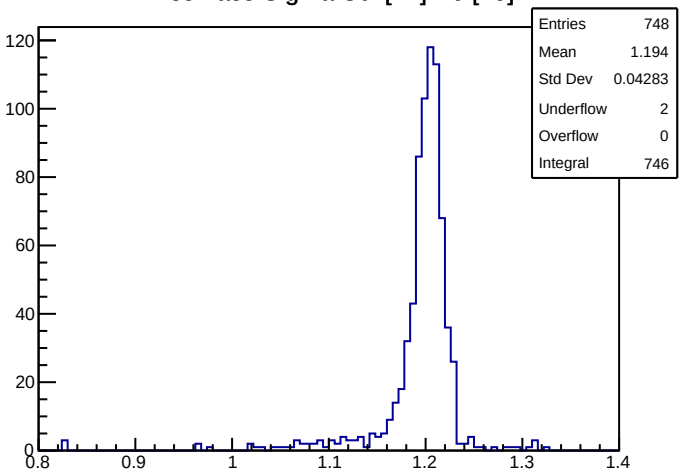

sftx all Sch[41]-Tof[17]
Entries 359
Mean 164.4
Std Dev 12.85
Underflow 1
Overflow 0
Integral 358
10^2
10
1
0
50
100
150
200
250

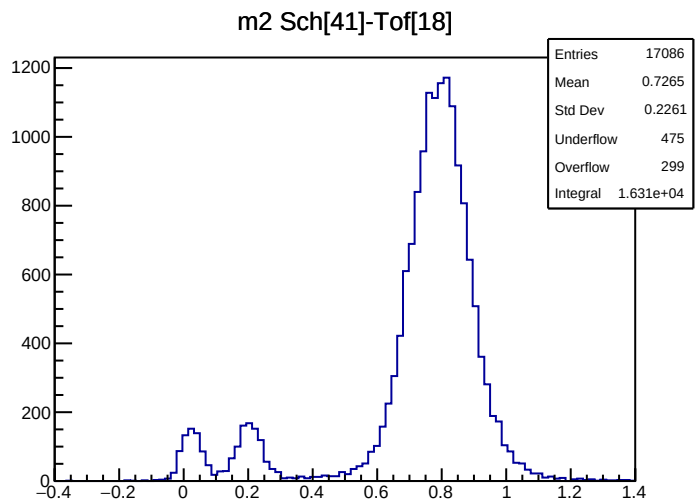

MissMass Sigma Sch[41]-Tof[17]
Entries 382
Mean 1.195
Std Dev 0.03992
Underflow 0
Overflow 0
Integral 382
50
40
30
20
10
0
0.8
0.9
1
1.1
1.2
1.3
1.4

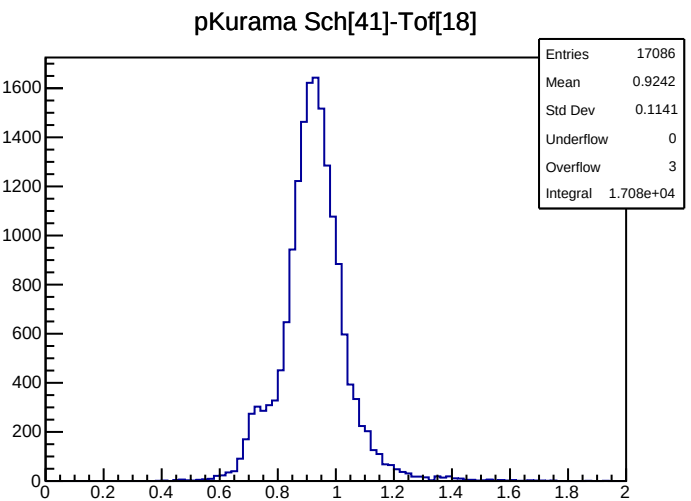

m2 Sch[41]-Tof[17]
Entries 4494
Mean 0.5292
Std Dev 0.3049
Underflow 157
Overflow 86
Integral 4251
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

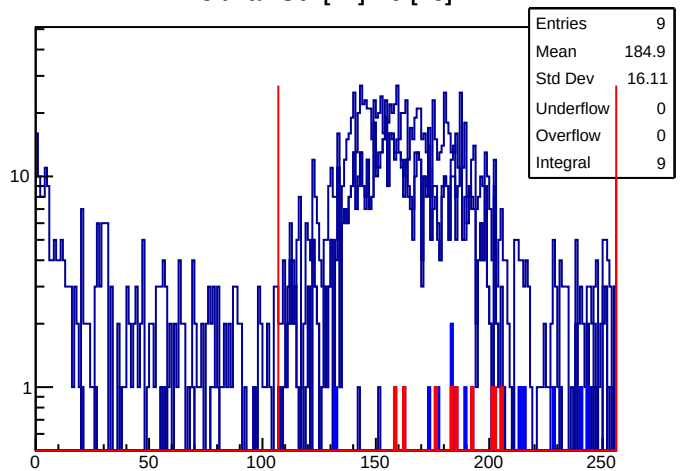

pKurama Sch[41]-Tof[17]
Entries 4494
Mean 0.867
Std Dev 0.1328
Underflow 0
Overflow 0
Integral 4494
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

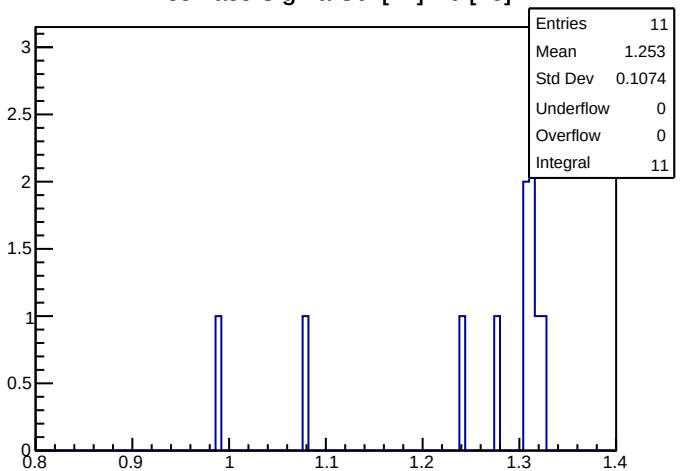

sftx all Sch[41]-Tof[18]
Entries 699
Mean 145.4
Std Dev 9.726
Underflow 1
Overflow 0
Integral 698

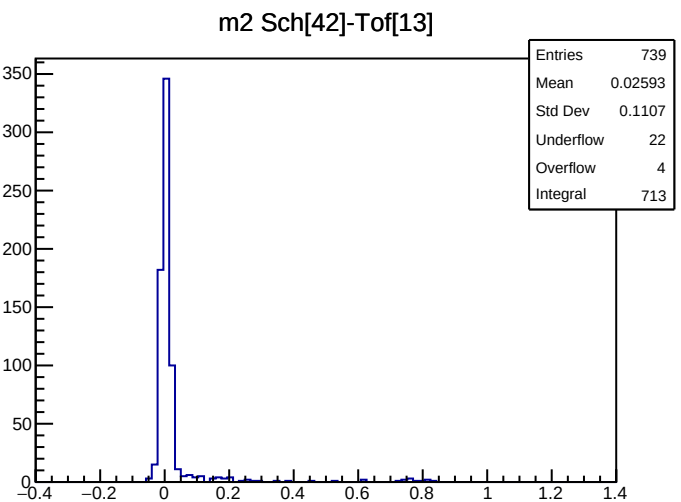

MissMass Sigma Sch[41]-Tof[18]
Entries 748
Mean 1.194
Std Dev 0.04283
Underflow 2
Overflow 0
Integral 746

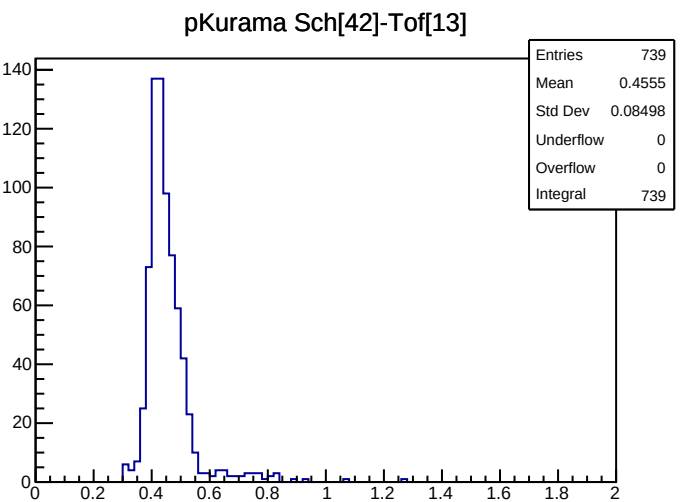

m2 Sch[41]-Tof[18]
Entries 17086
Mean 0.7265
Std Dev 0.2261
Underflow 475
Overflow 299
Integral 1.631e+04

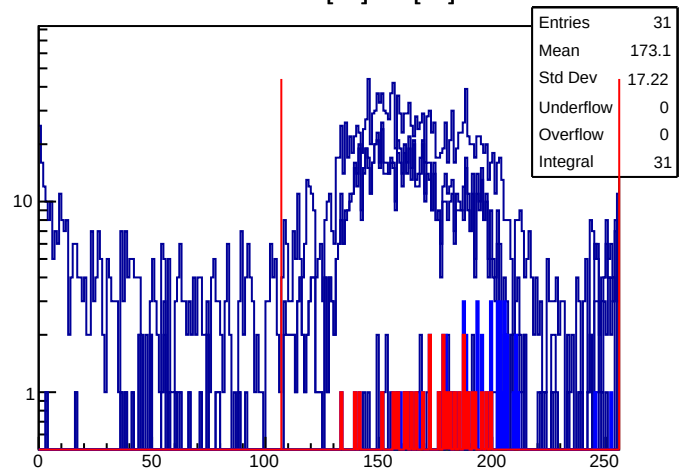

pKurama Sch[41]-Tof[18]
Entries 17086
Mean 0.9242
Std Dev 0.1141
Underflow 0
Overflow 3
Integral 1.708e+04

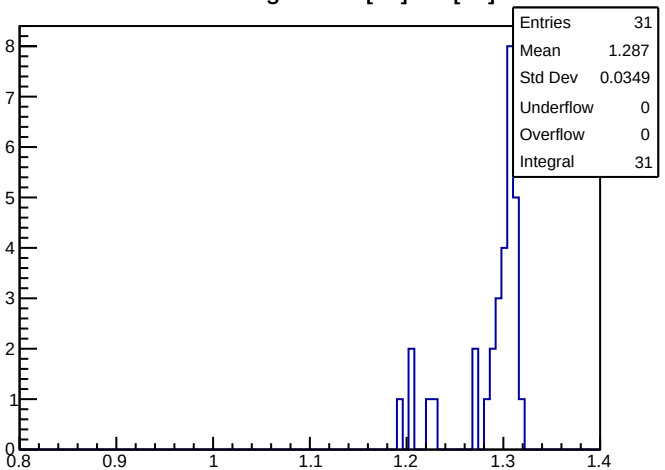

sftx all Sch[42]-Tof[13]
Entries 9
Mean 184.9
Std Dev 16.11
Underflow 0
Overflow 0
Integral 9
10
1
0
50
100
150
200
250

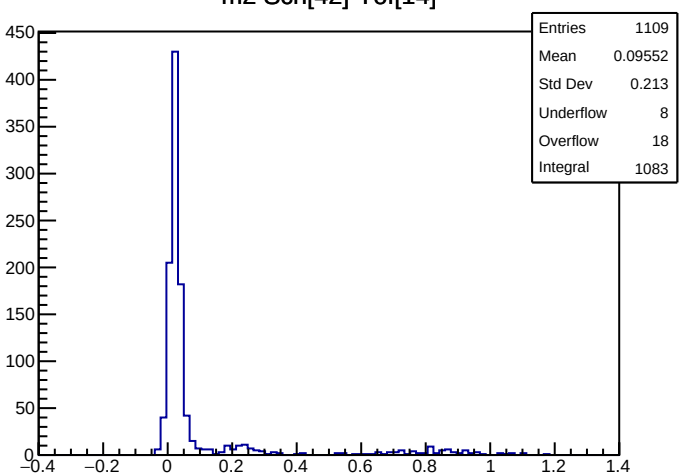

MissMass Sigma Sch[42]-Tof[13]
Entries 11
Mean 1.253
Std Dev 0.1074
Underflow 0
Overflow 0
Integral 11
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

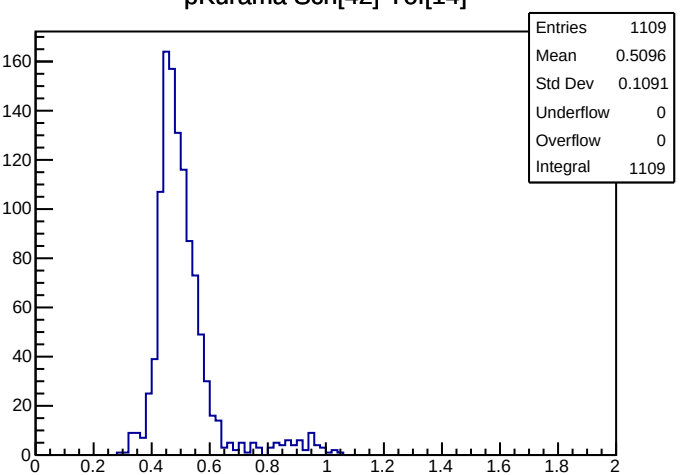

m2 Sch[42]-Tof[13]
Entries 739
Mean 0.02593
Std Dev 0.1107
Underflow 22
Overflow 4
Integral 713
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

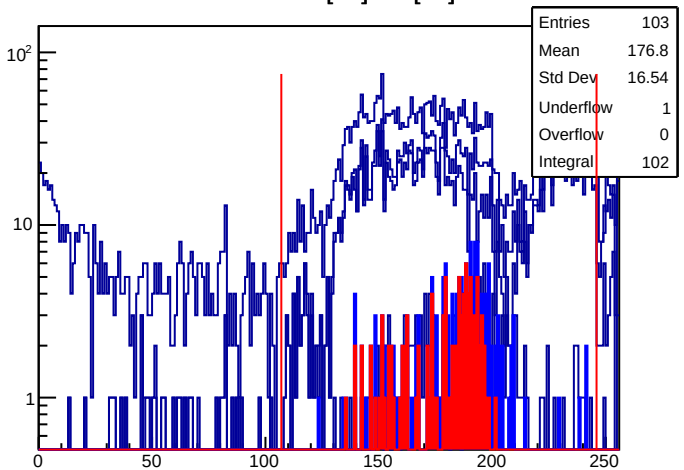

pKurama Sch[42]-Tof[13]
Entries 739
Mean 0.4555
Std Dev 0.08498
Underflow 0
Overflow 0
Integral 739
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

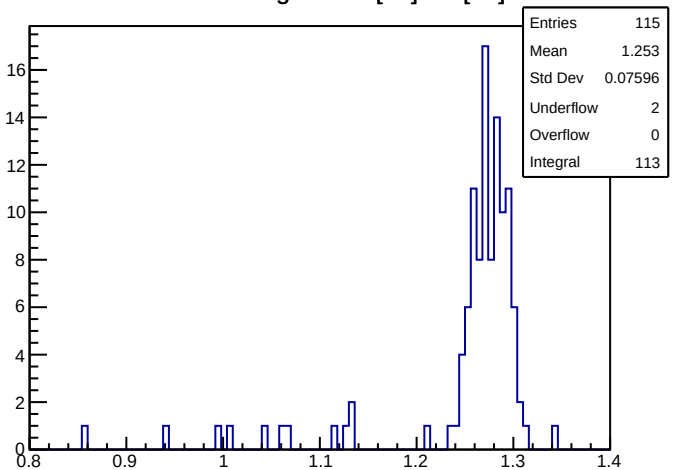

sftx all Sch[42]-Tof[14]
Entries 31
Mean 173.1
Std Dev 17.22
Underflow 0
Overflow 0
Integral 31
10
1
0
50
100
150
200
250

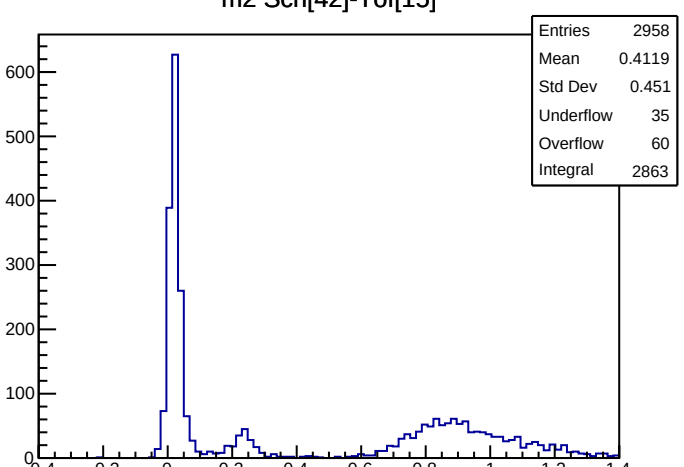

MissMass Sigma Sch[42]-Tof[14]
Entries 31
Mean 1.287
Std Dev 0.0349
Underflow 0
Overflow 0
Integral 31
8
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

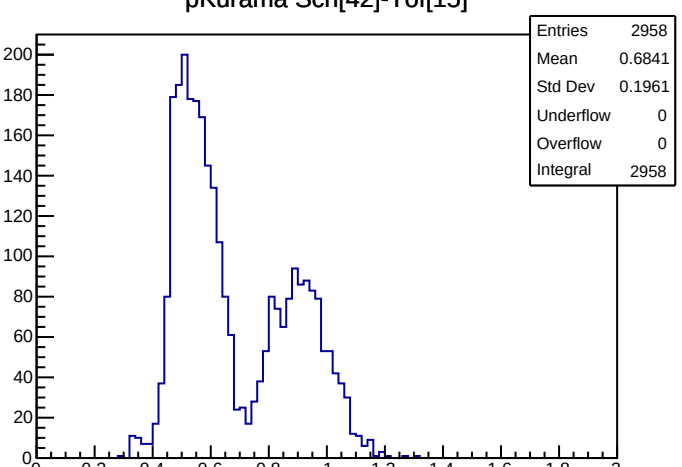

m2 Sch[42]-Tof[14]
Entries 1109
Mean 0.09552
Std Dev 0.213
Underflow 8
Overflow 18
Integral 1083
450
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

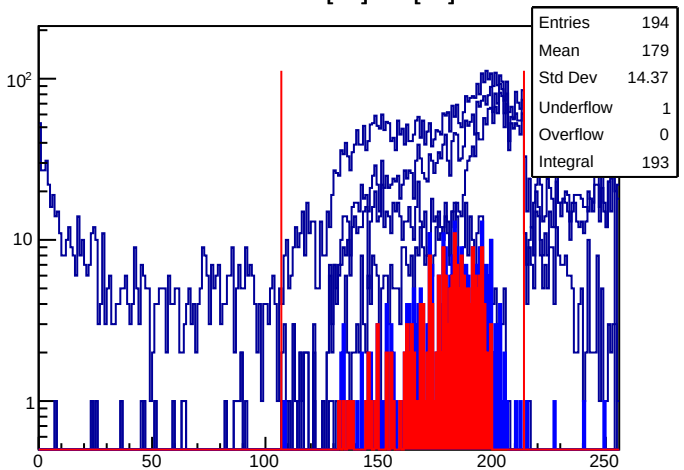

pKurama Sch[42]-Tof[14]
Entries 1109
Mean 0.5096
Std Dev 0.1091
Underflow 0
Overflow 0
Integral 1109
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

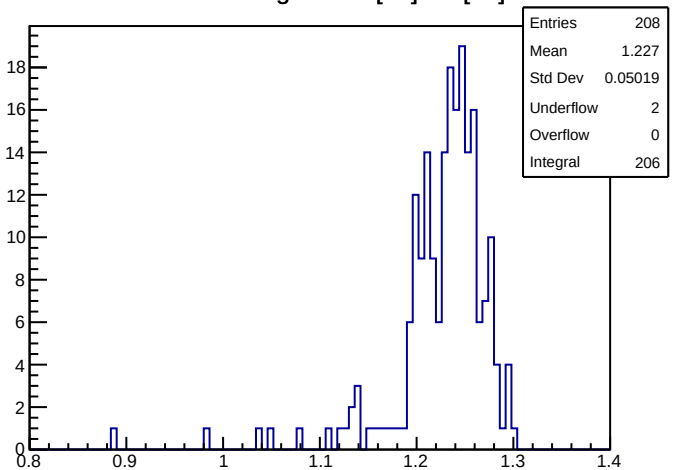

sftx all Sch[42]-Tof[15]
Entries 103
Mean 176.8
Std Dev 16.54
Underflow 1
Overflow 0
Integral 102

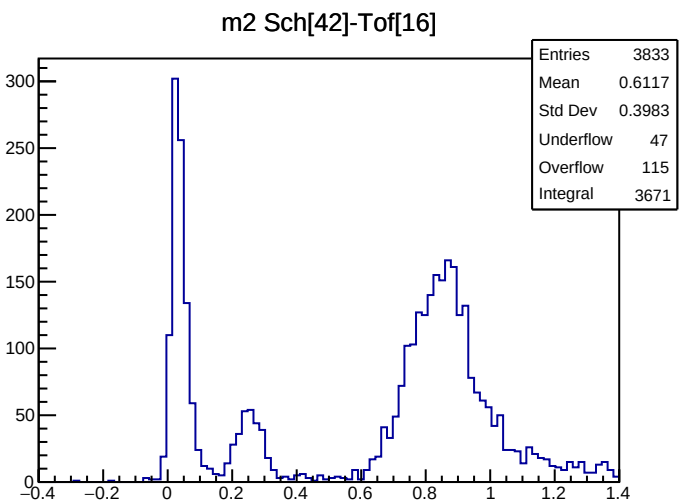

MissMass Sigma Sch[42]-Tof[15]
Entries 115
Mean 1.253
Std Dev 0.07596
Underflow 2
Overflow 0
Integral 113

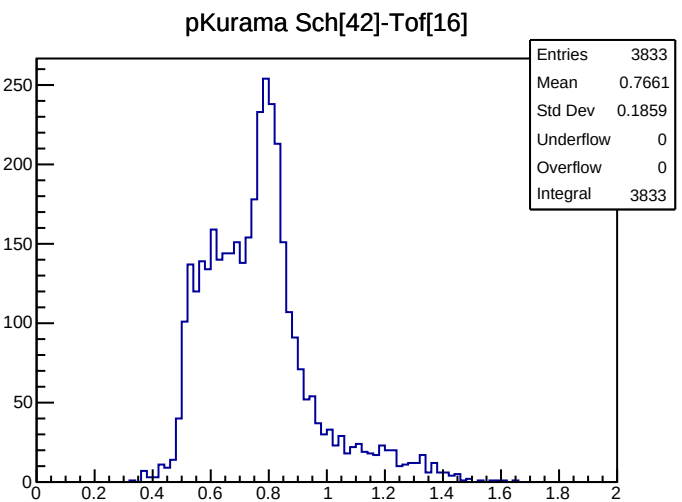

m2 Sch[42]-Tof[15]
Entries 2958
Mean 0.4119
Std Dev 0.451
Underflow 35
Overflow 60
Integral 2863

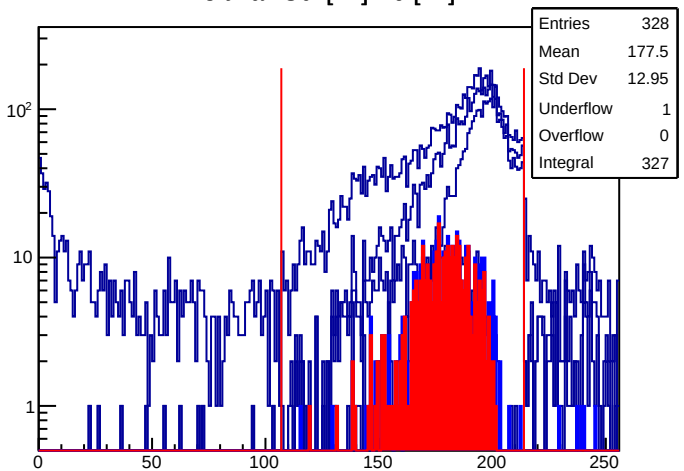

pKurama Sch[42]-Tof[15]
Entries 2958
Mean 0.6841
Std Dev 0.1961
Underflow 0
Overflow 0
Integral 2958

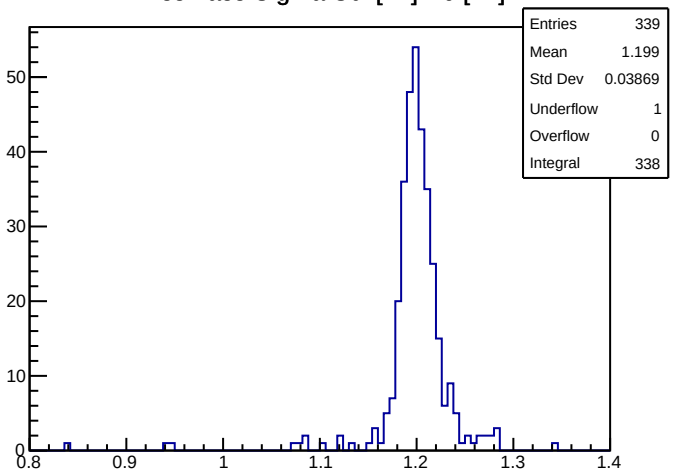

sftx all Sch[42]-Tof[16]
Entries 194
Mean 179
Std Dev 14.37
Underflow 1
Overflow 0
Integral 193

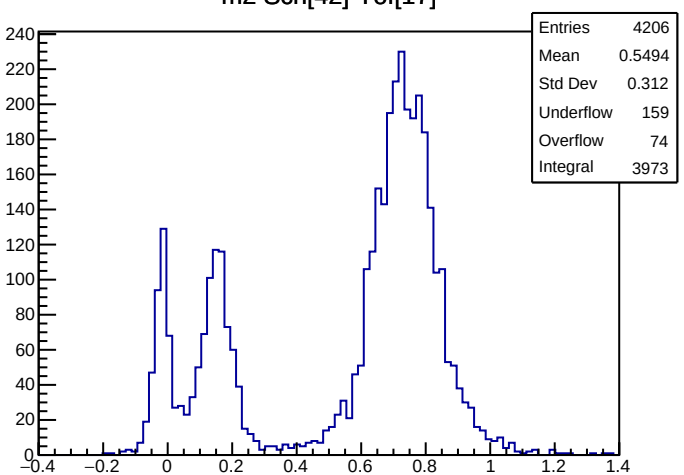

MissMass Sigma Sch[42]-Tof[16]
Entries 208
Mean 1.227
Std Dev 0.05019
Underflow 2
Overflow 0
Integral 206

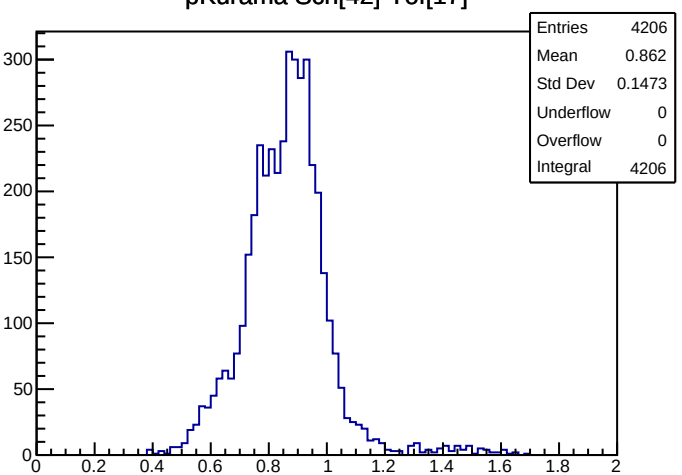

m2 Sch[42]-Tof[16]
Entries 3833
Mean 0.6117
Std Dev 0.3983
Underflow 47
Overflow 115
Integral 3671

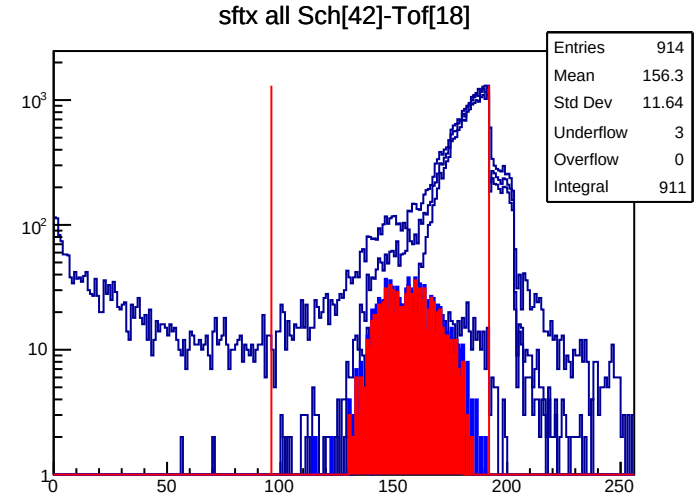

pKurama Sch[42]-Tof[16]
Entries 3833
Mean 0.7661
Std Dev 0.1859
Underflow 0
Overflow 0
Integral 3833

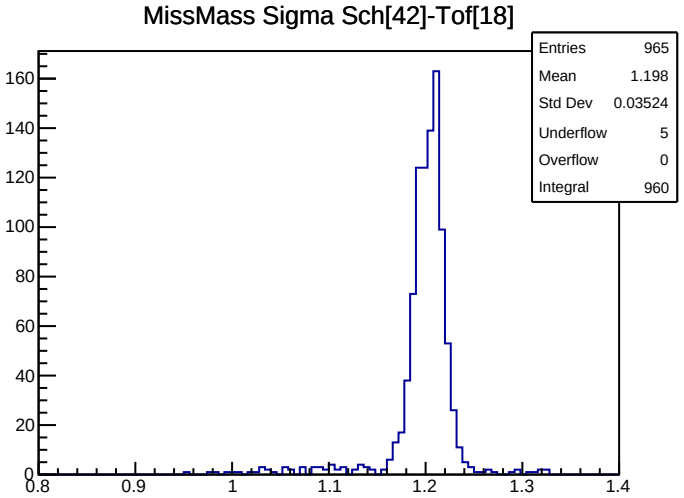

sftx all Sch[42]-Tof[17]
Entries 328
Mean 177.5
Std Dev 12.95
Underflow 1
Overflow 0
Integral 327

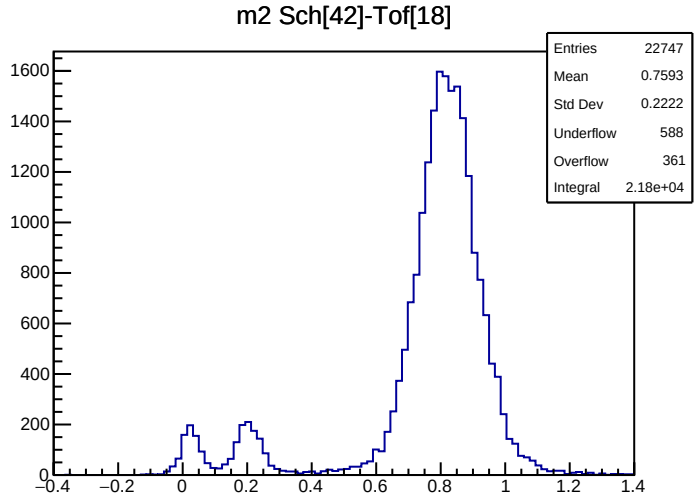

MissMass Sigma Sch[42]-Tof[17]
Entries 339
Mean 1.199
Std Dev 0.03869
Underflow 1
Overflow 0
Integral 338

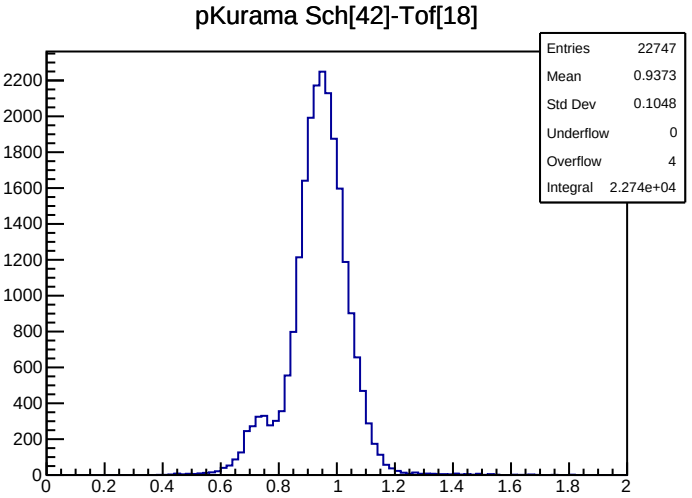

m2 Sch[42]-Tof[17]
Entries 4206
Mean 0.5494
Std Dev 0.312
Underflow 159
Overflow 74
Integral 3973

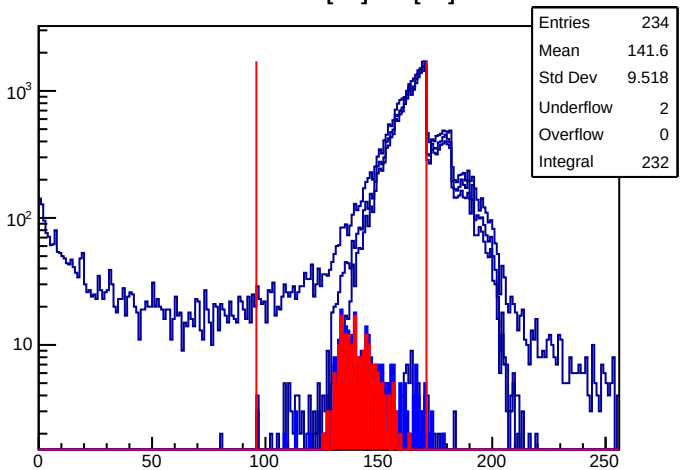

pKurama Sch[42]-Tof[17]
Entries 4206
Mean 0.862
Std Dev 0.1473
Underflow 0
Overflow 0
Integral 4206

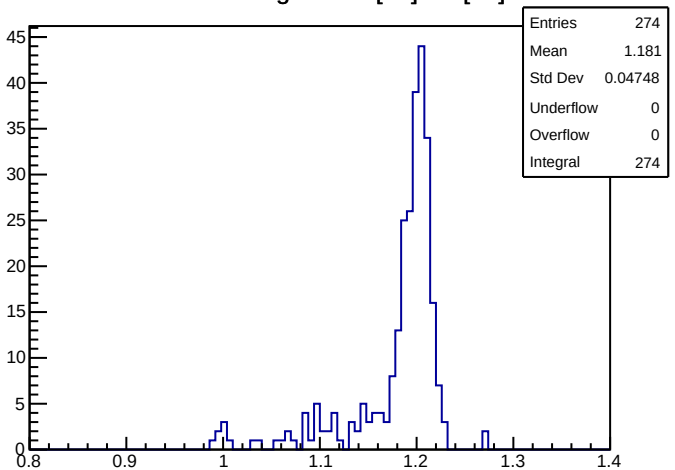

sftx all Sch[42]-Tof[18]
Entries 914
Mean 156.3
Std Dev 11.64
Underflow 3
Overflow 0
Integral 911

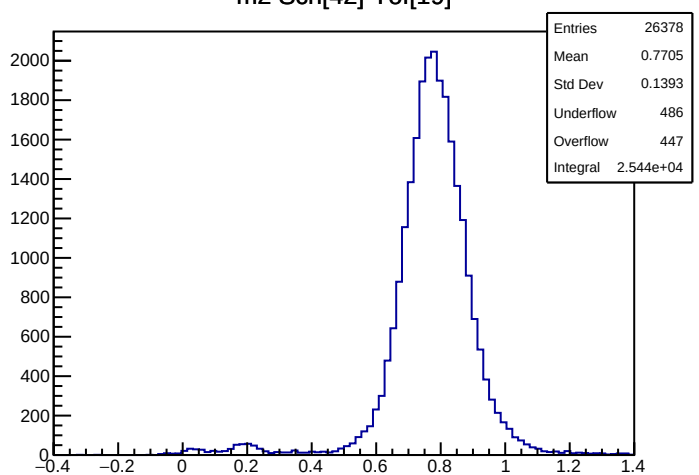

MissMass Sigma Sch[42]-Tof[18]
Entries 965
Mean 1.198
Std Dev 0.03524
Underflow 5
Overflow 0
Integral 960

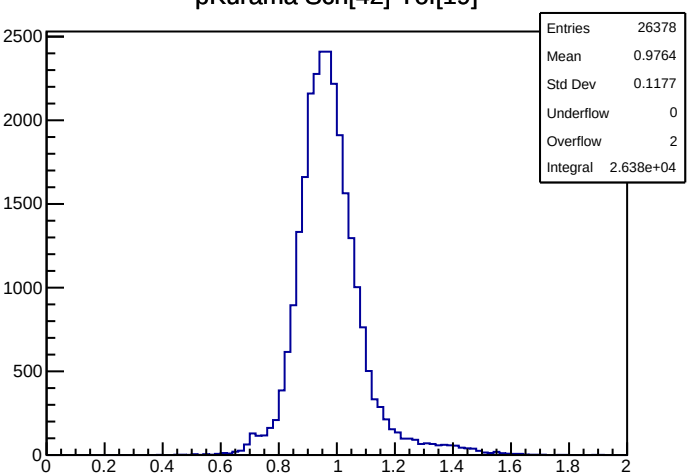

m2 Sch[42]-Tof[18]
Entries 22747
Mean 0.7593
Std Dev 0.2222
Underflow 588
Overflow 361
Integral 2.18e+04

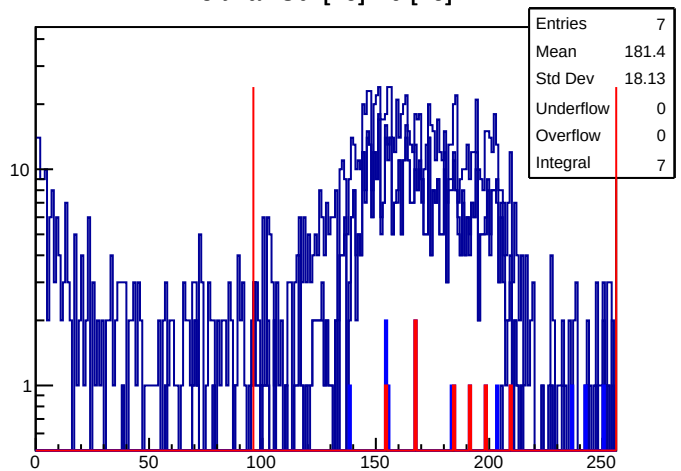

pKurama Sch[42]-Tof[18]
Entries 22747
Mean 0.9373
Std Dev 0.1048
Underflow 0
Overflow 4
Integral 2.274e+04

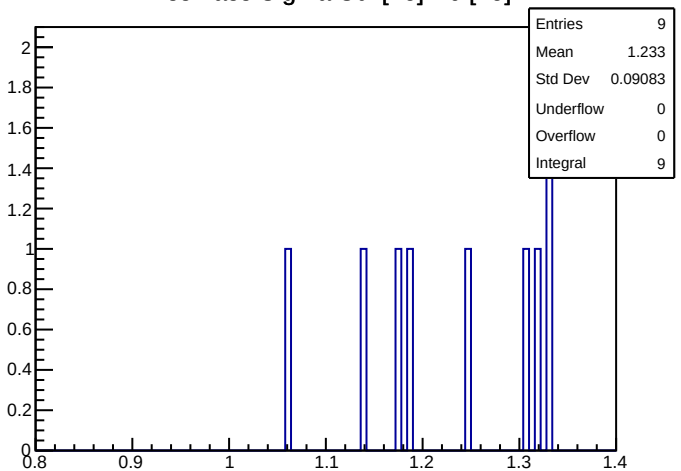

sftx all Sch[42]-Tof[19]
Entries 234
Mean 141.6
Std Dev 9.518
Underflow 2
Overflow 0
Integral 232

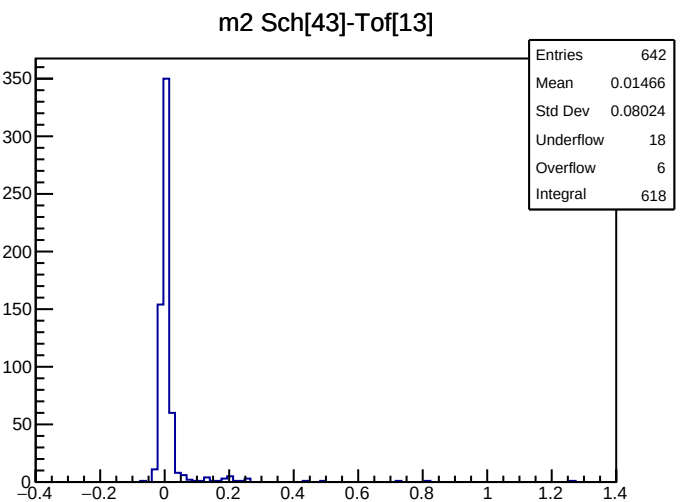

MissMass Sigma Sch[42]-Tof[19]
Entries 274
Mean 1.181
Std Dev 0.04748
Underflow 0
Overflow 0
Integral 274

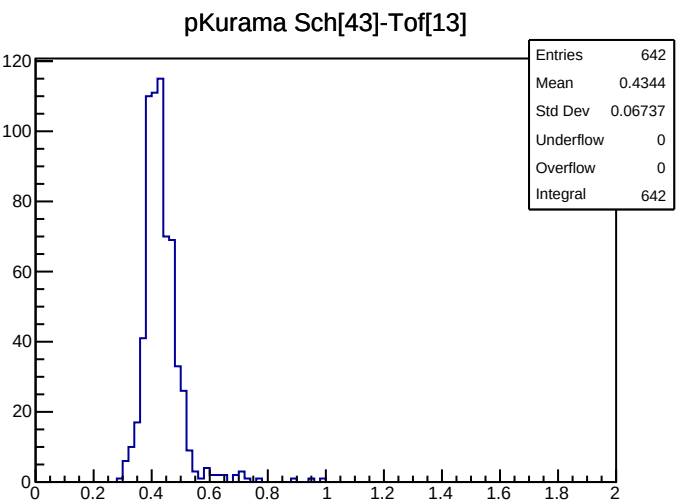

m2 Sch[42]-Tof[19]
Entries 26378
Mean 0.7705
Std Dev 0.1393
Underflow 486
Overflow 447
Integral 2.544e+04

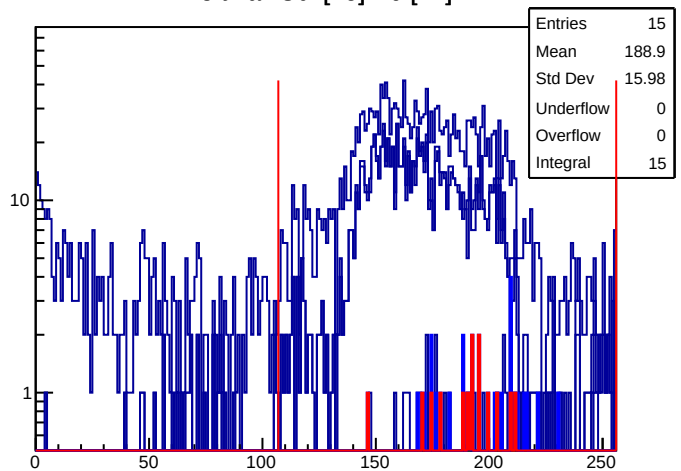

pKurama Sch[42]-Tof[19]
Entries 26378
Mean 0.9764
Std Dev 0.1177
Underflow 0
Overflow 2
Integral 2.638e+04

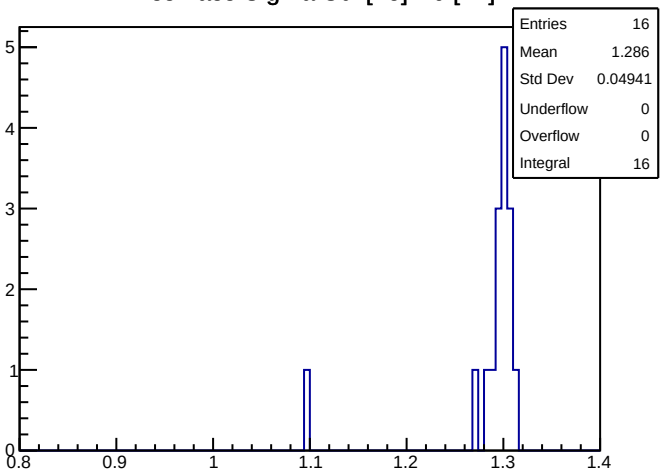

sftx all Sch[43]-Tof[13]
Entries 7
Mean 181.4
Std Dev 18.13
Underflow 0
Overflow 0
Integral 7
10
1
0
50
100
150
200
250

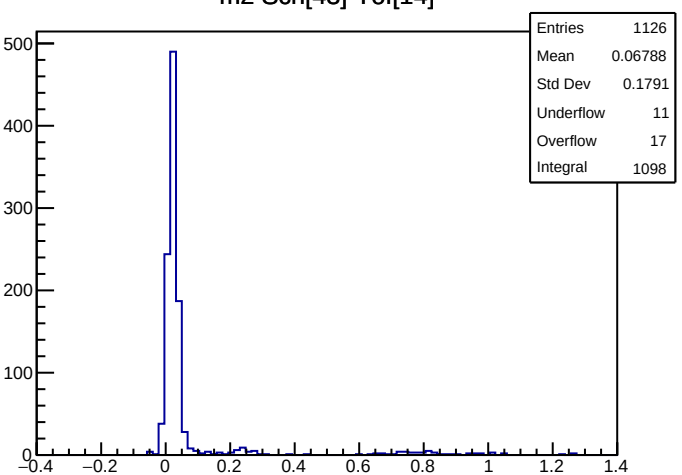

MissMass Sigma Sch[43]-Tof[13]
Entries 9
Mean 1.233
Std Dev 0.09083
Underflow 0
Overflow 0
Integral 9
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

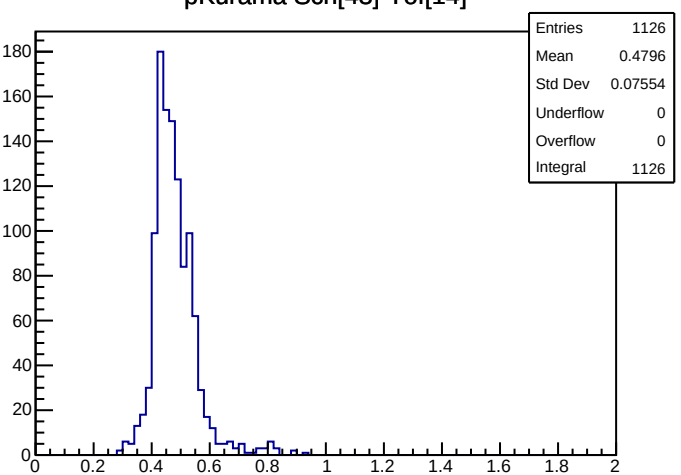

m2 Sch[43]-Tof[13]
Entries 642
Mean 0.01466
Std Dev 0.08024
Underflow 18
Overflow 6
Integral 618
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

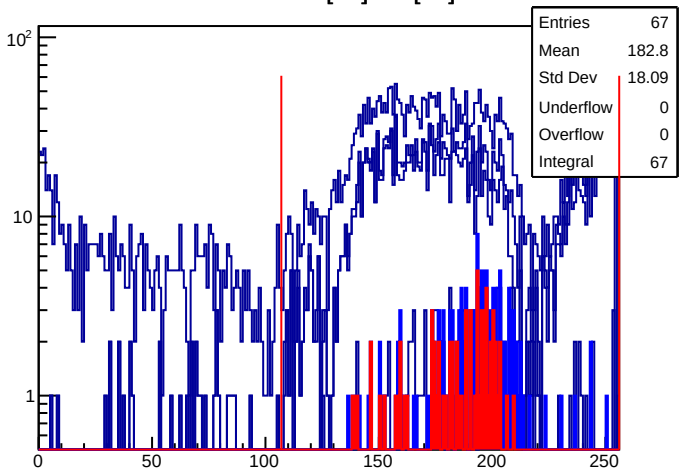

pKurama Sch[43]-Tof[13]
Entries 642
Mean 0.4344
Std Dev 0.06737
Underflow 0
Overflow 0
Integral 642
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

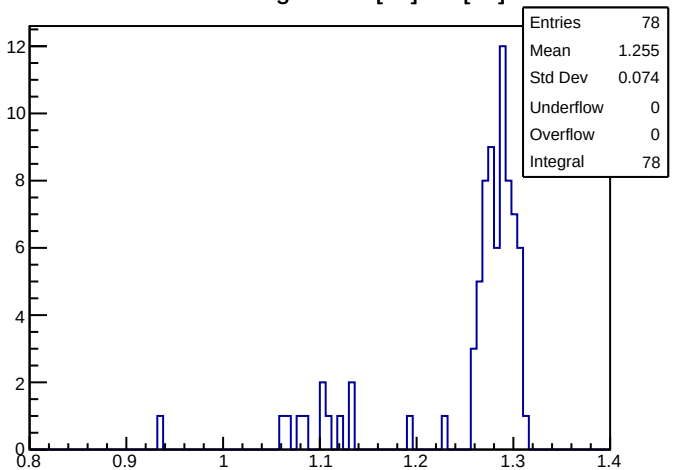

sftx all Sch[43]-Tof[14]
Entries 15
Mean 188.9
Std Dev 15.98
Underflow 0
Overflow 0
Integral 15
10
1
0
50
100
150
200
250

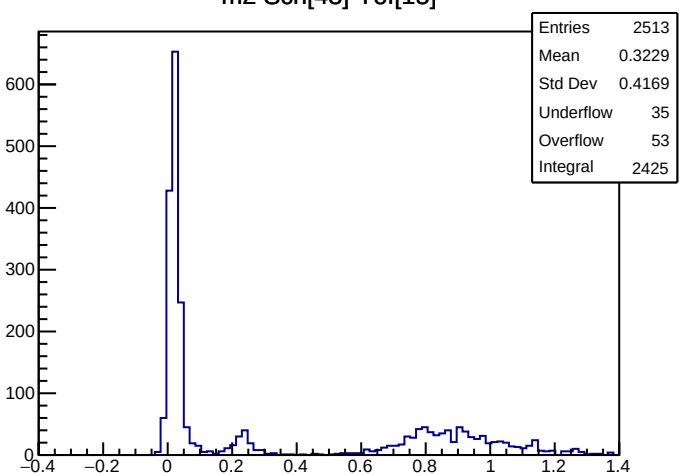

MissMass Sigma Sch[43]-Tof[14]
Entries 16
Mean 1.286
Std Dev 0.04941
Underflow 0
Overflow 0
Integral 16
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

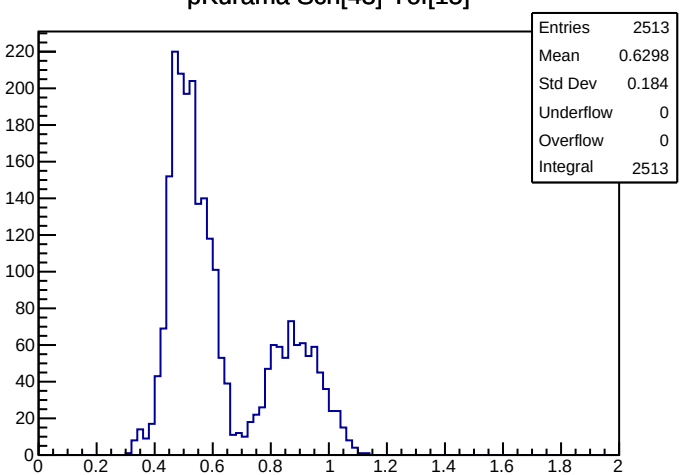

m2 Sch[43]-Tof[14]
Entries 1126
Mean 0.06788
Std Dev 0.1791
Underflow 11
Overflow 17
Integral 1098
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

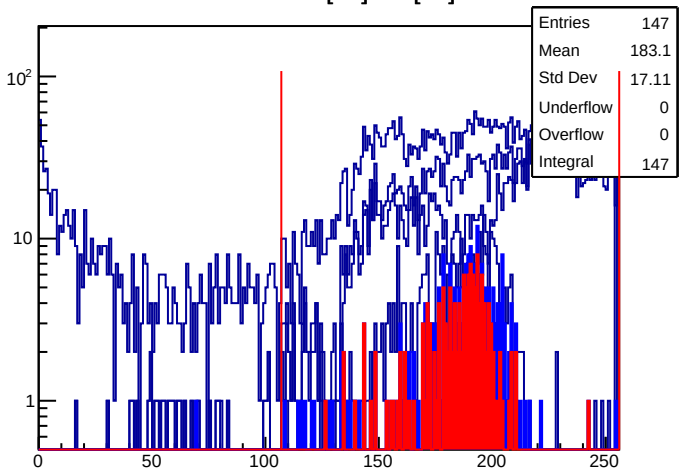

pKurama Sch[43]-Tof[14]
Entries 1126
Mean 0.4796
Std Dev 0.07554
Underflow 0
Overflow 0
Integral 1126
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

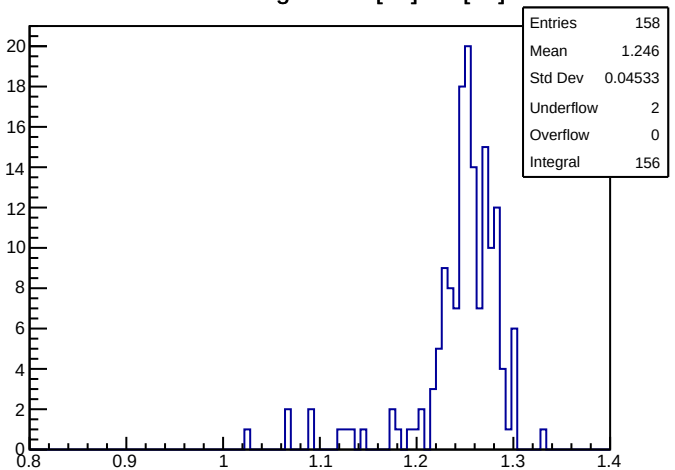

sftx all Sch[43]-Tof[15]
Entries 67
Mean 182.8
Std Dev 18.09
Underflow 0
Overflow 0
Integral 67

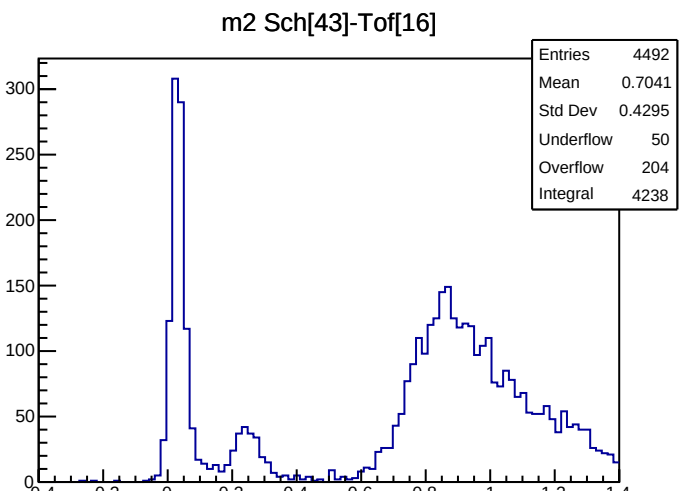

MissMass Sigma Sch[43]-Tof[15]
Entries 78
Mean 1.255
Std Dev 0.074
Underflow 0
Overflow 0
Integral 78

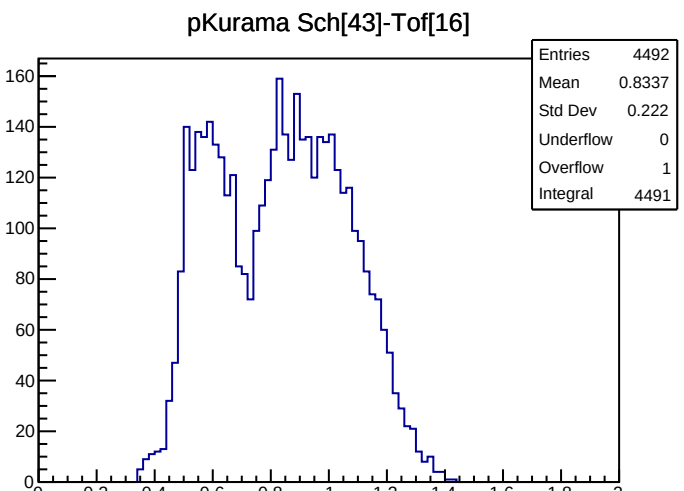

m2 Sch[43]-Tof[15]
Entries 2513
Mean 0.3229
Std Dev 0.4169
Underflow 35
Overflow 53
Integral 2425

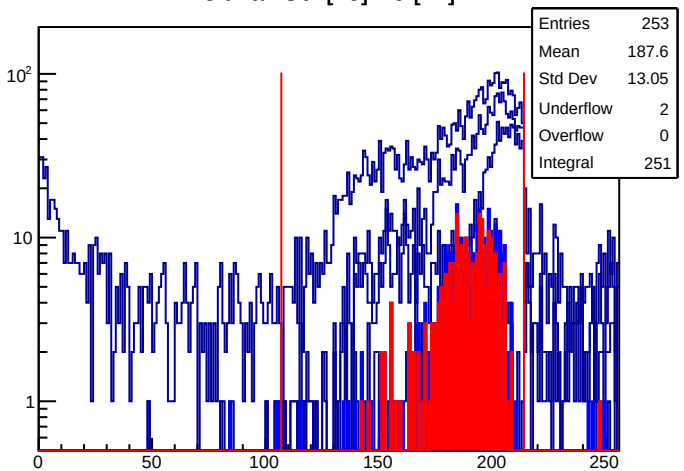

pKurama Sch[43]-Tof[15]
Entries 2513
Mean 0.6298
Std Dev 0.184
Underflow 0
Overflow 0
Integral 2513

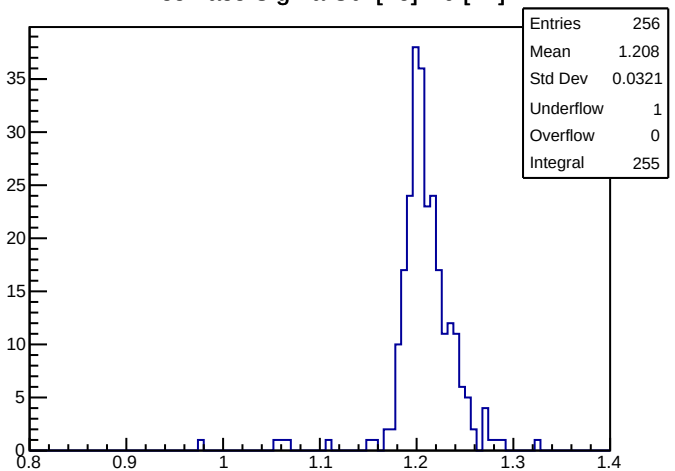

sftx all Sch[43]-Tof[16]
Entries 147
Mean 183.1
Std Dev 17.11
Underflow 0
Overflow 0
Integral 147

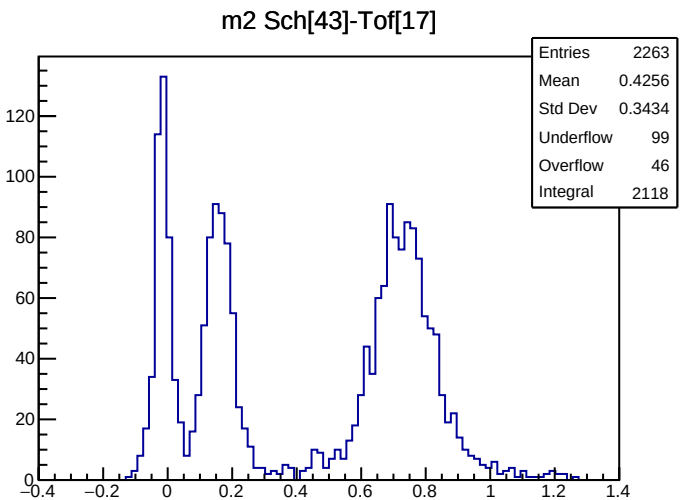

MissMass Sigma Sch[43]-Tof[16]
Entries 158
Mean 1.246
Std Dev 0.04533
Underflow 2
Overflow 0
Integral 156

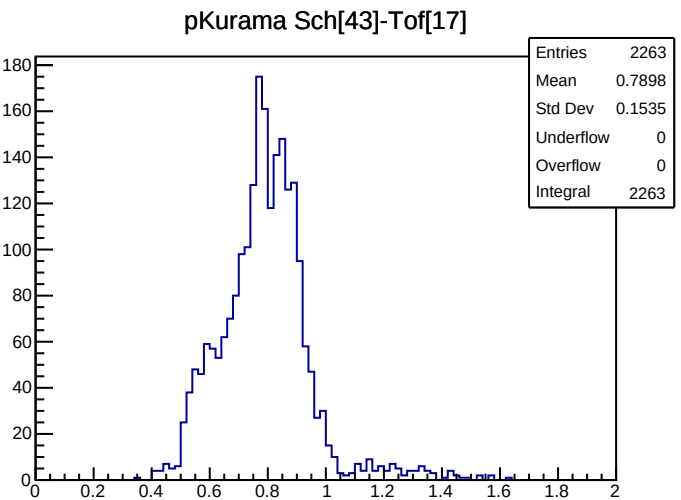

m2 Sch[43]-Tof[16]
Entries 4492
Mean 0.7041
Std Dev 0.4295
Underflow 50
Overflow 204
Integral 4238

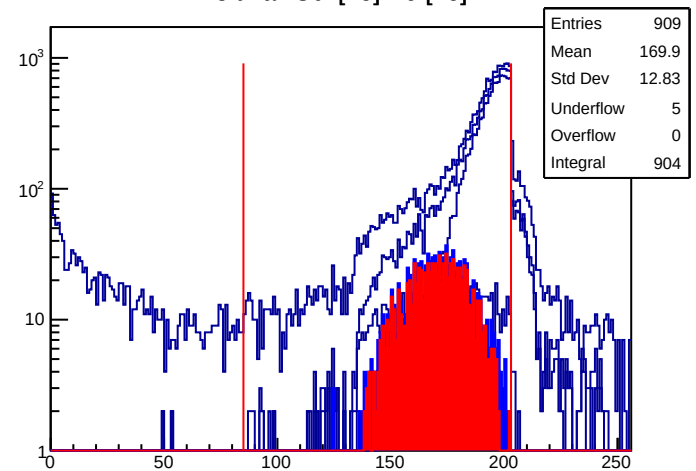

pKurama Sch[43]-Tof[16]
Entries 4492
Mean 0.8337
Std Dev 0.222
Underflow 0
Overflow 1
Integral 4491

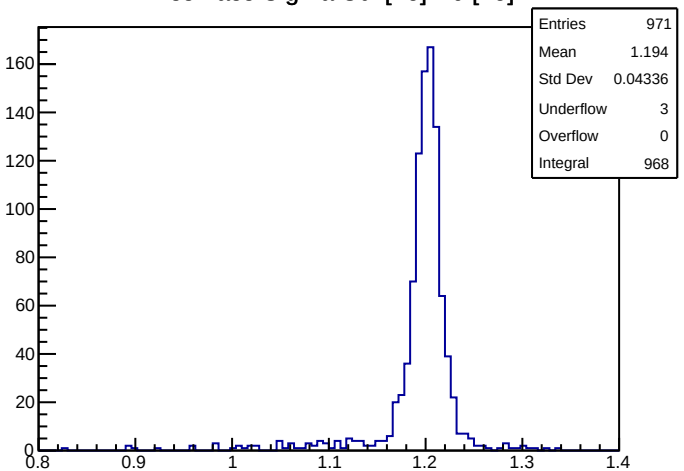

sftx all Sch[43]-Tof[17]
Entries 253
Mean 187.6
Std Dev 13.05
Underflow 2
Overflow 0
Integral 251
10^2
10
1
0
50
100
150
200
250

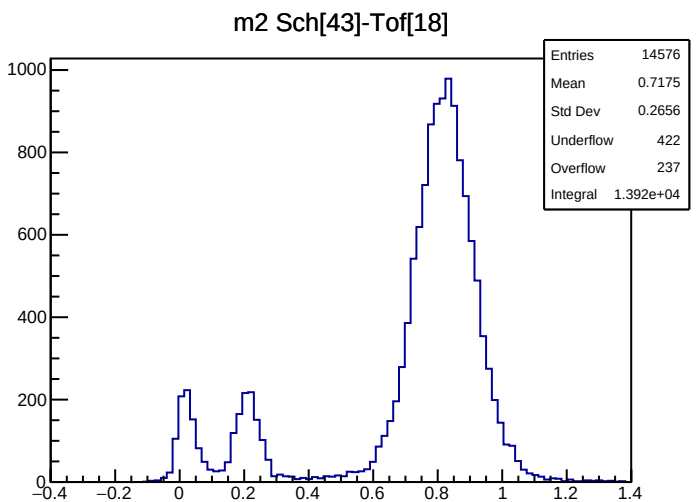

MissMass Sigma Sch[43]-Tof[17]
Entries 256
Mean 1.208
Std Dev 0.0321
Underflow 1
Overflow 0
Integral 255
35
30
25
20
15
10
5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

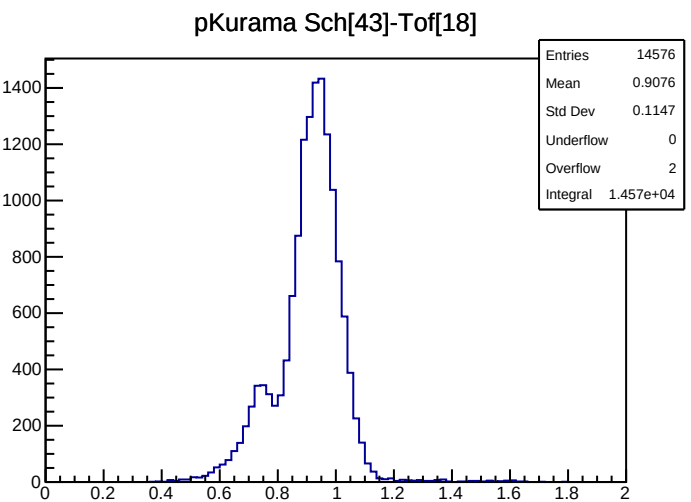

m2 Sch[43]-Tof[17]
Entries 2263
Mean 0.4256
Std Dev 0.3434
Underflow 99
Overflow 46
Integral 2118
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

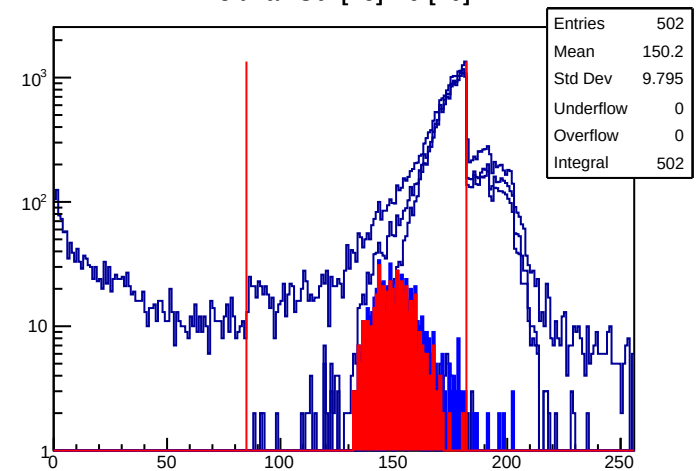

pKurama Sch[43]-Tof[17]
Entries 2263
Mean 0.7898
Std Dev 0.1535
Underflow 0
Overflow 0
Integral 2263
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

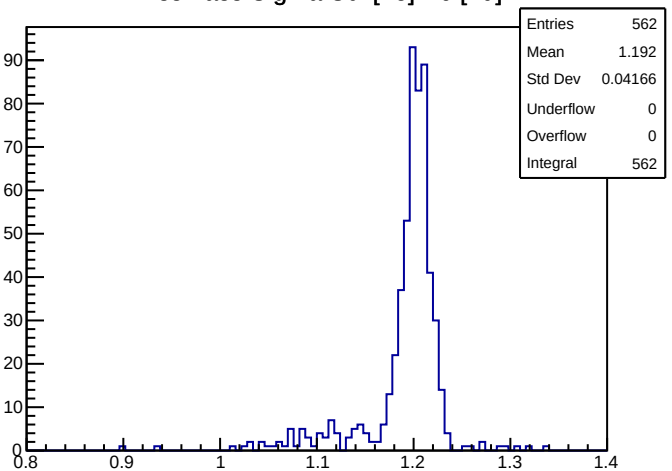

sftx all Sch[43]-Tof[18]
Entries 909
Mean 169.9
Std Dev 12.83
Underflow 5
Overflow 0
Integral 904

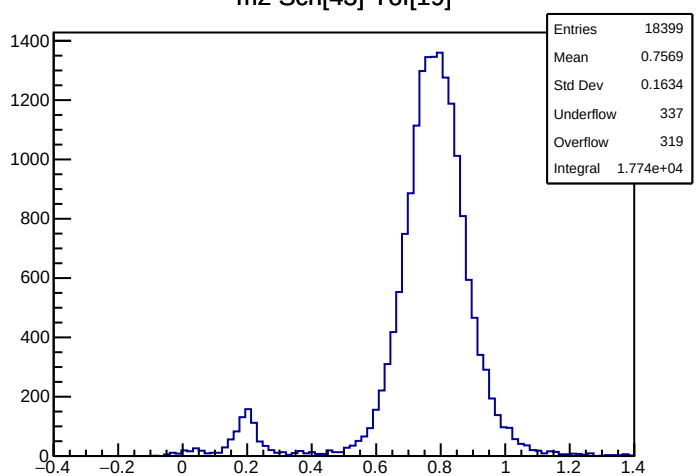

MissMass Sigma Sch[43]-Tof[18]
Entries 971
Mean 1.194
Std Dev 0.04336
Underflow 3
Overflow 0
Integral 968

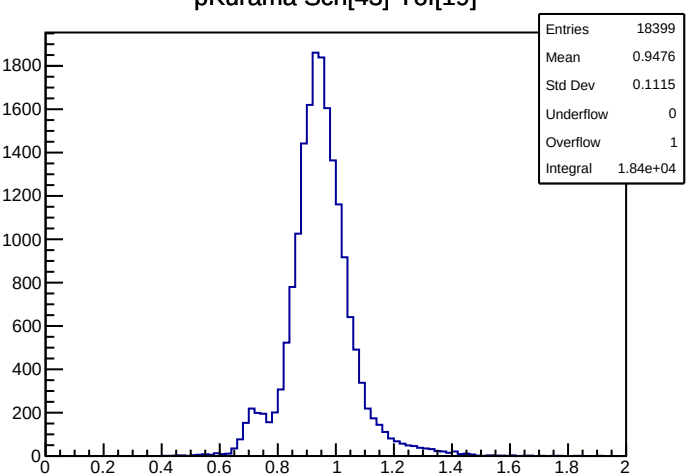

m2 Sch[43]-Tof[18]
Entries 14576
Mean 0.7175
Std Dev 0.2656
Underflow 422
Overflow 237
Integral 1.392e+04

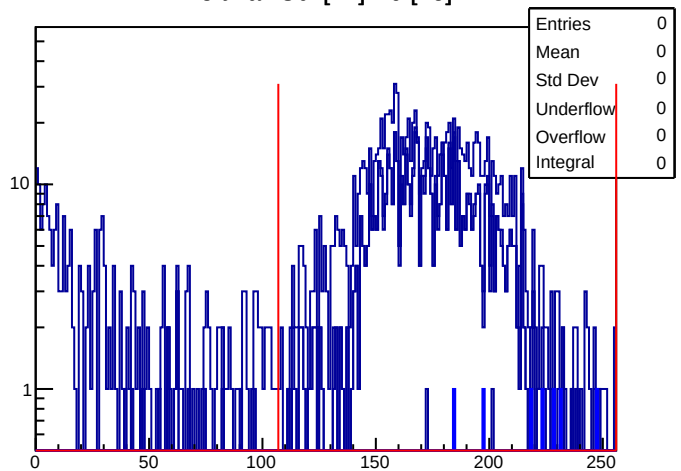

pKurama Sch[43]-Tof[18]
Entries 14576
Mean 0.9076
Std Dev 0.1147
Underflow 0
Overflow 2
Integral 1.457e+04

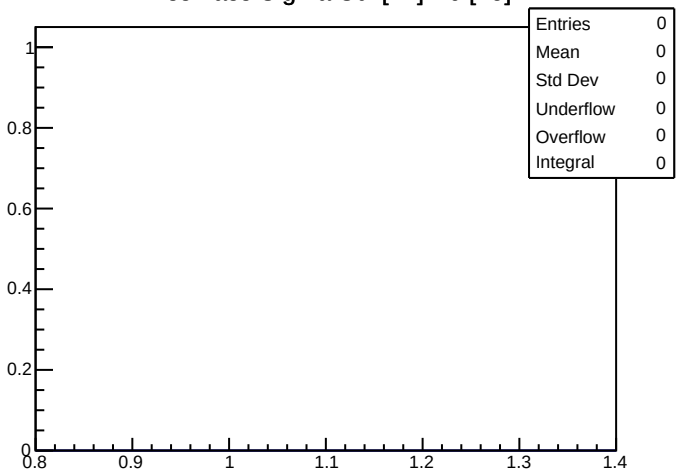

sftx all Sch[43]-Tof[19]
Entries 502
Mean 150.2
Std Dev 9.795
Underflow 0
Overflow 0
Integral 502

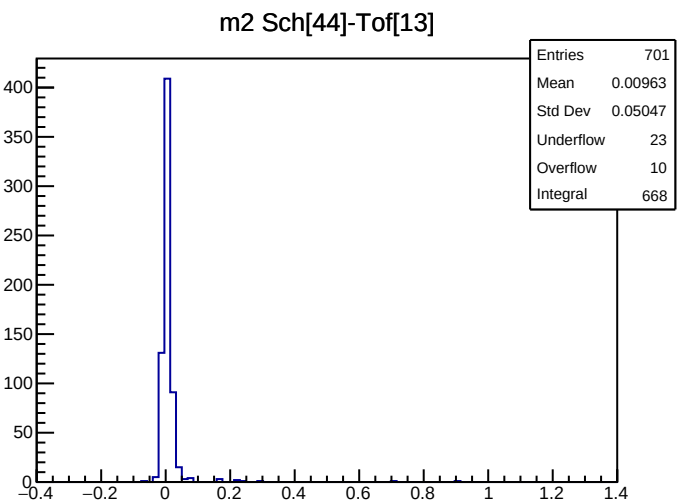

MissMass Sigma Sch[43]-Tof[19]
Entries 562
Mean 1.192
Std Dev 0.04166
Underflow 0
Overflow 0
Integral 562

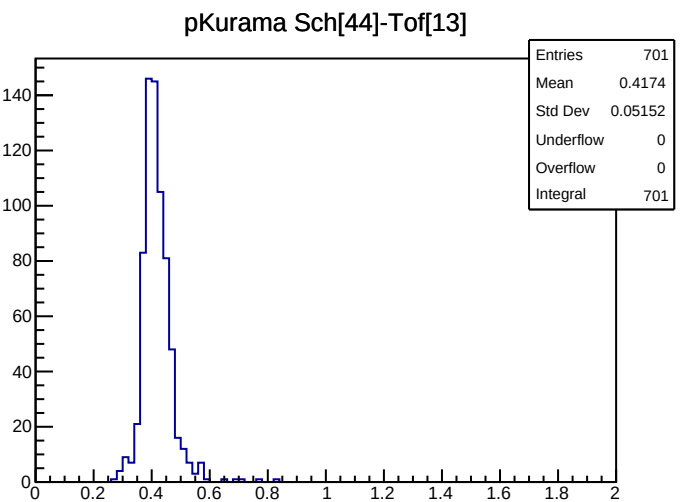

m2 Sch[43]-Tof[19]
Entries 18399
Mean 0.7569
Std Dev 0.1634
Underflow 337
Overflow 319
Integral 1.774e+04

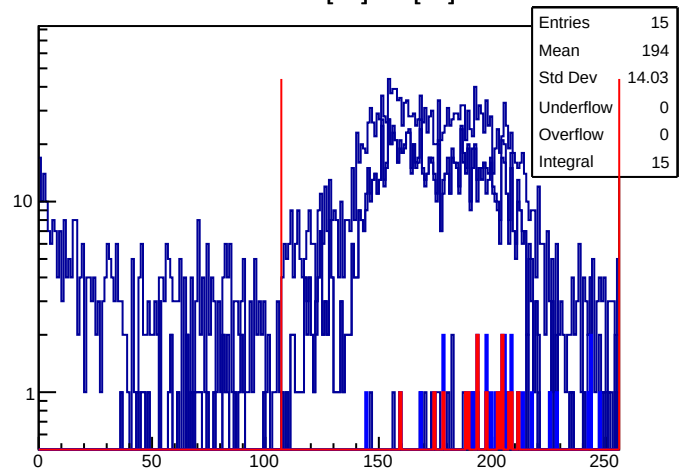

pKurama Sch[43]-Tof[19]
Entries 18399
Mean 0.9476
Std Dev 0.1115
Underflow 0
Overflow 1
Integral 1.84e+04

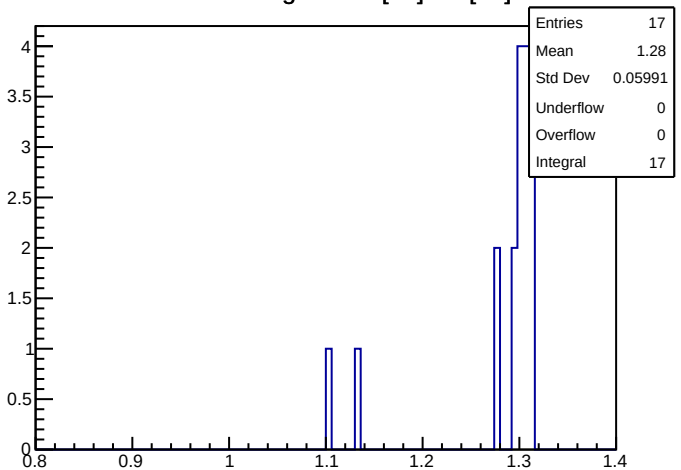

sftx all Sch[44]-Tof[13]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
10
1
0
50
100
150
200
250

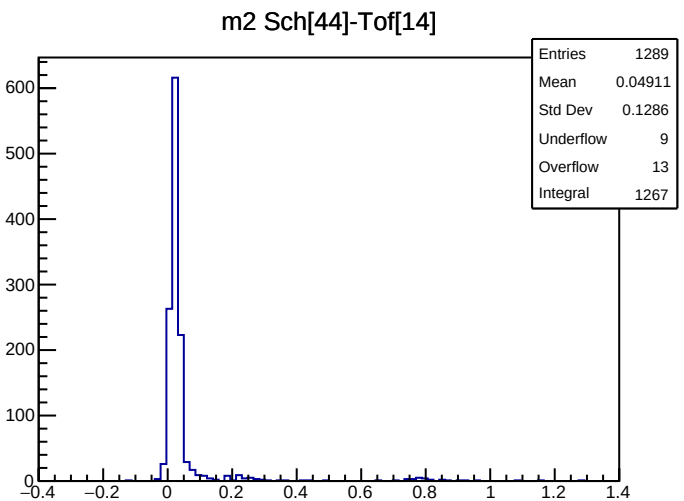

MissMass Sigma Sch[44]-Tof[13]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

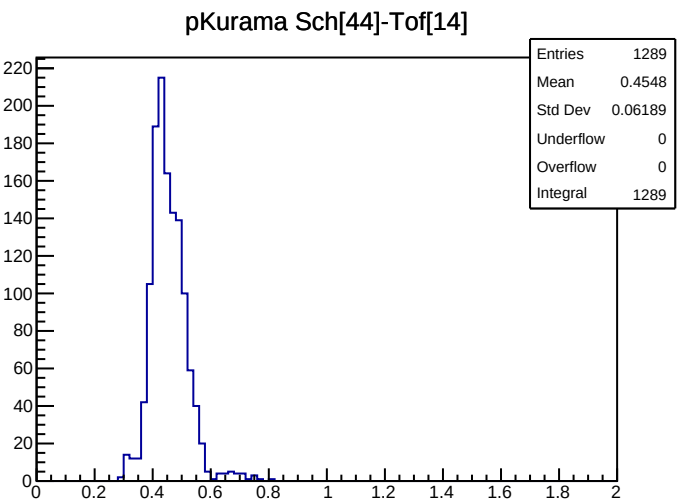

m2 Sch[44]-Tof[13]
Entries 701
Mean 0.00963
Std Dev 0.05047
Underflow 23
Overflow 10
Integral 668
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

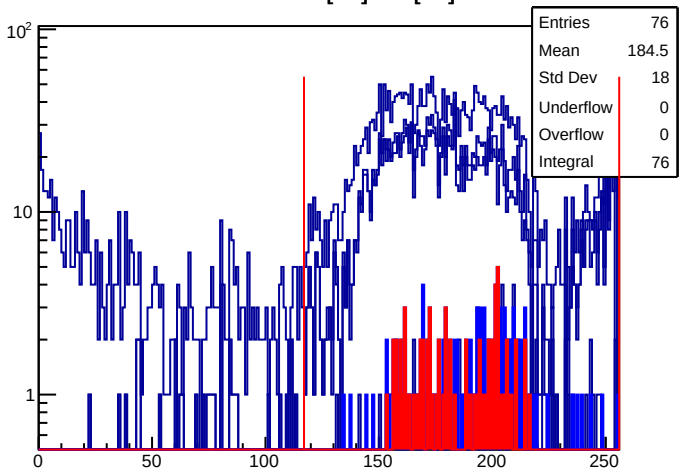

pKurama Sch[44]-Tof[13]
Entries 701
Mean 0.4174
Std Dev 0.05152
Underflow 0
Overflow 0
Integral 701
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

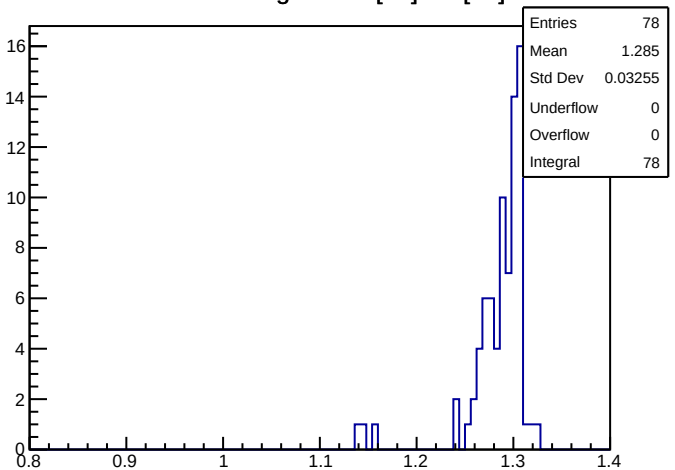

sftx all Sch[44]-Tof[14]
Entries 15
Mean 194
Std Dev 14.03
Underflow 0
Overflow 0
Integral 15
10
1
0
50
100
150
200
250

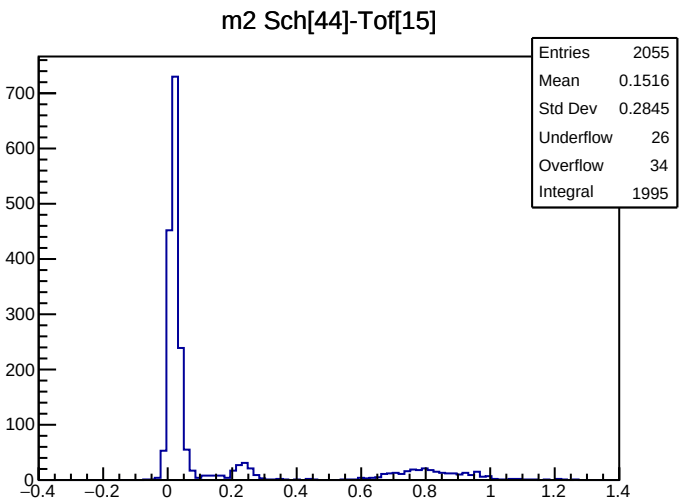

MissMass Sigma Sch[44]-Tof[14]
Entries 17
Mean 1.28
Std Dev 0.05991
Underflow 0
Overflow 0
Integral 17
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

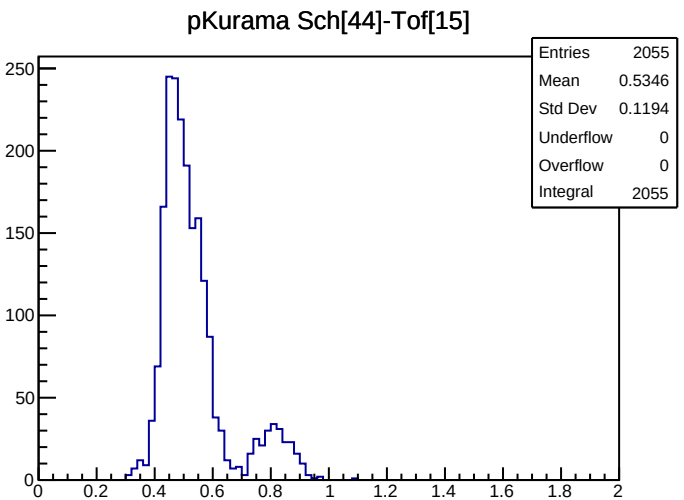

m2 Sch[44]-Tof[14]
Entries 1289
Mean 0.04911
Std Dev 0.1286
Underflow 9
Overflow 13
Integral 1267
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

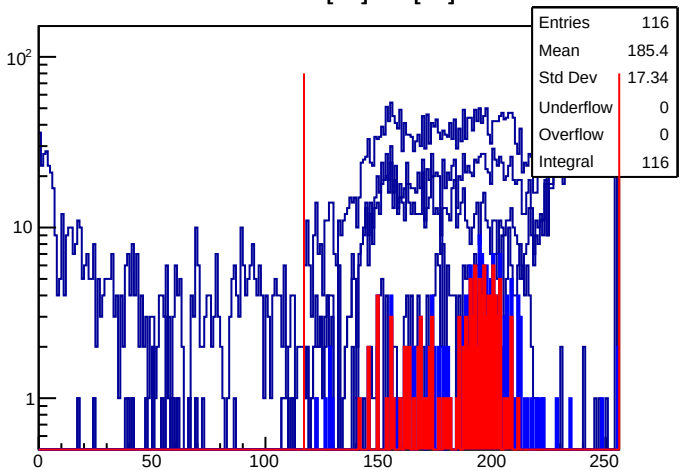

pKurama Sch[44]-Tof[14]
Entries 1289
Mean 0.4548
Std Dev 0.06189
Underflow 0
Overflow 0
Integral 1289
220
200
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

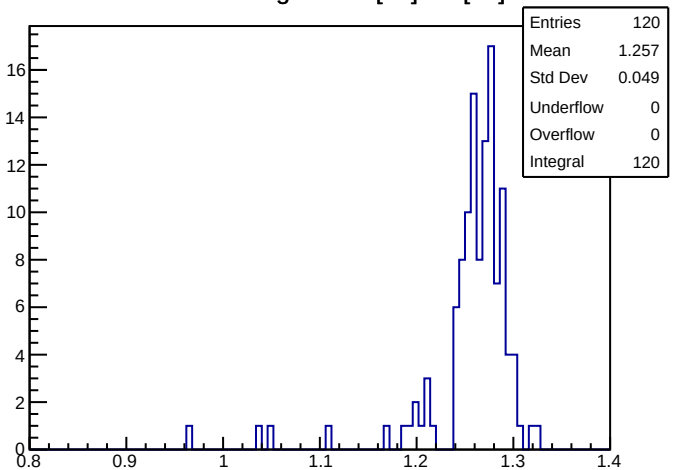

sftx all Sch[44]-Tof[15]
Entries 76
Mean 184.5
Std Dev 18
Underflow 0
Overflow 0
Integral 76

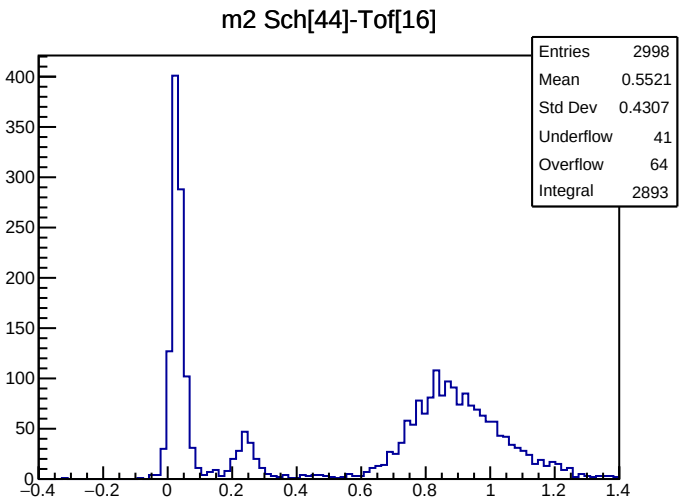

MissMass Sigma Sch[44]-Tof[15]
Entries 78
Mean 1.285
Std Dev 0.03255
Underflow 0
Overflow 0
Integral 78

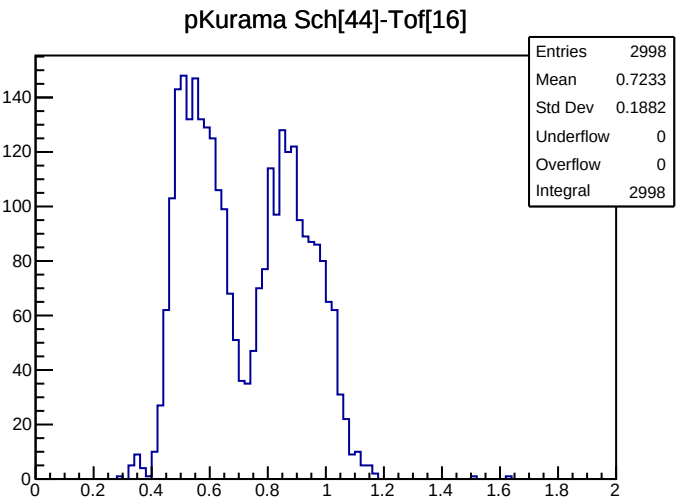

m2 Sch[44]-Tof[15]
Entries 2055
Mean 0.1516
Std Dev 0.2845
Underflow 26
Overflow 34
Integral 1995

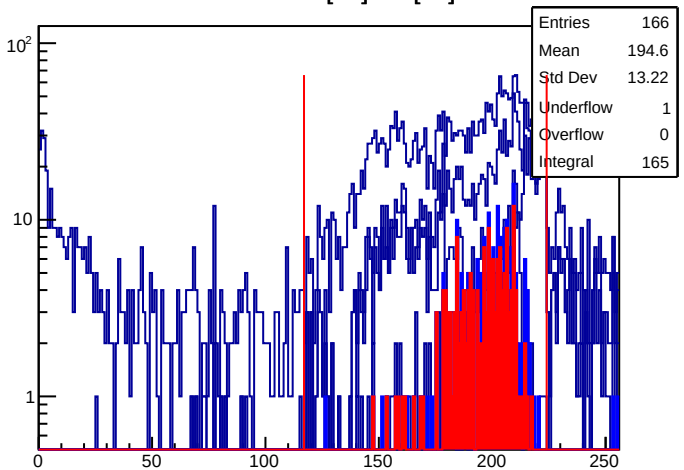

pKurama Sch[44]-Tof[15]
Entries 2055
Mean 0.5346
Std Dev 0.1194
Underflow 0
Overflow 0
Integral 2055

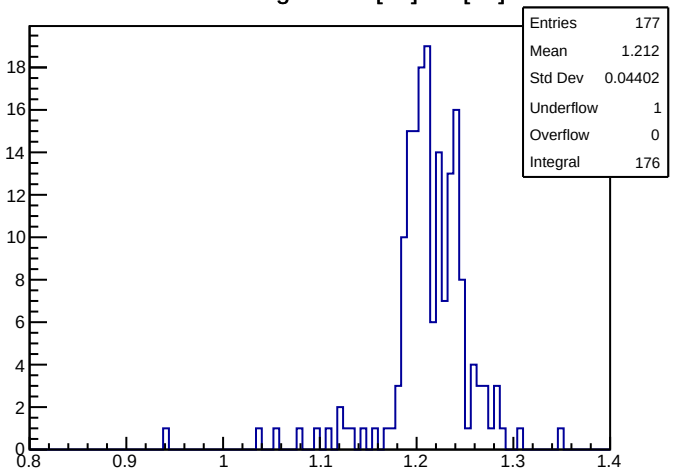

sftx all Sch[44]-Tof[16]
Entries 116
Mean 185.4
Std Dev 17.34
Underflow 0
Overflow 0
Integral 116

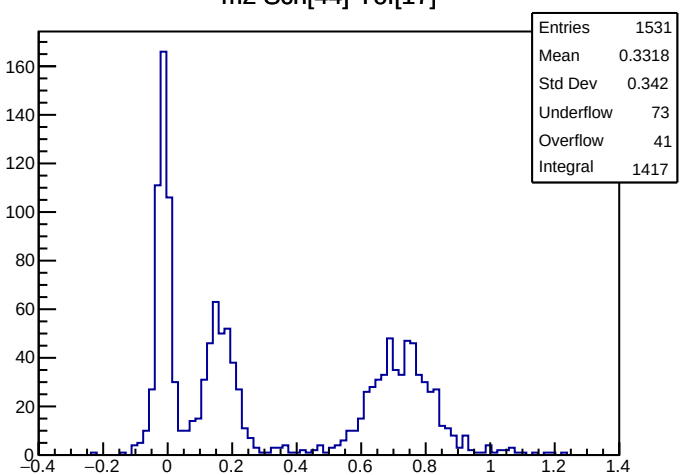

MissMass Sigma Sch[44]-Tof[16]
Entries 120
Mean 1.257
Std Dev 0.049
Underflow 0
Overflow 0
Integral 120

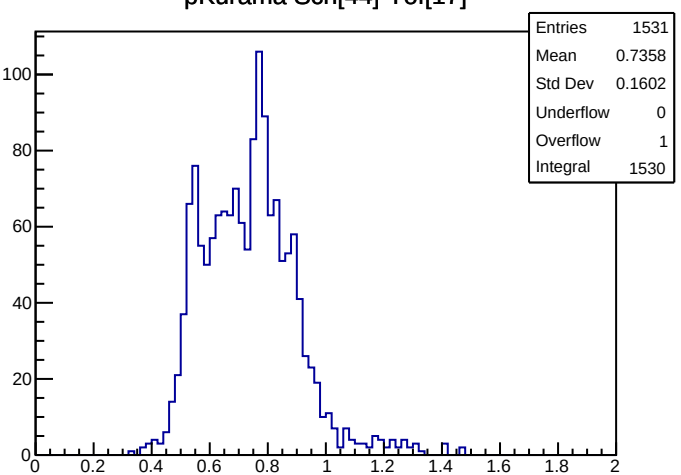

m2 Sch[44]-Tof[16]
Entries 2998
Mean 0.5521
Std Dev 0.4307
Underflow 41
Overflow 64
Integral 2893

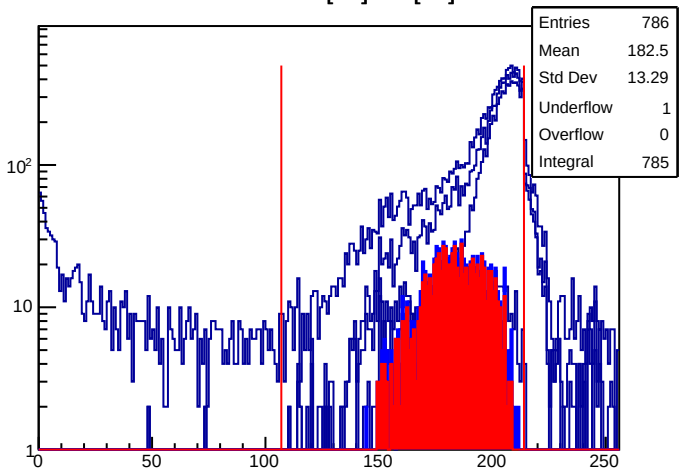

pKurama Sch[44]-Tof[16]
Entries 2998
Mean 0.7233
Std Dev 0.1882
Underflow 0
Overflow 0
Integral 2998

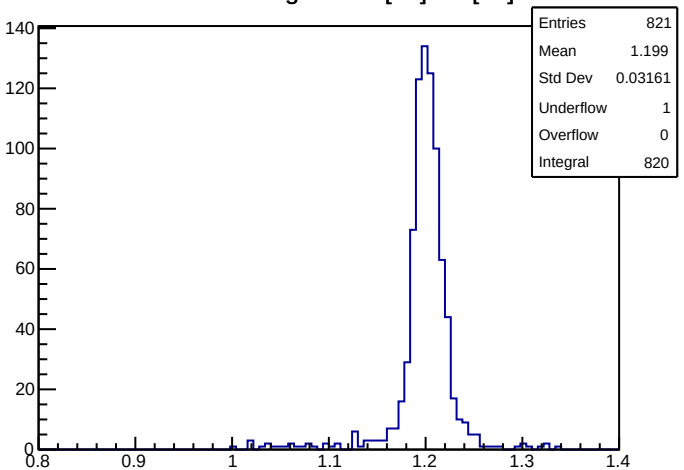

sftx all Sch[44]-Tof[17]
Entries 166
Mean 194.6
Std Dev 13.22
Underflow 1
Overflow 0
Integral 165

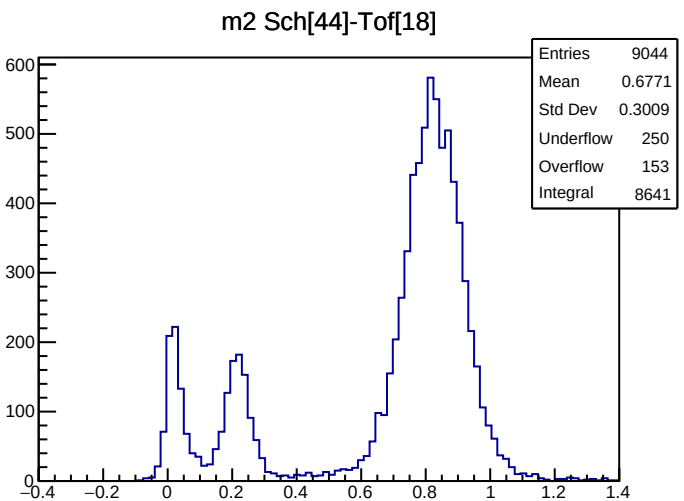

MissMass Sigma Sch[44]-Tof[17]
Entries 177
Mean 1.212
Std Dev 0.04402
Underflow 1
Overflow 0
Integral 176

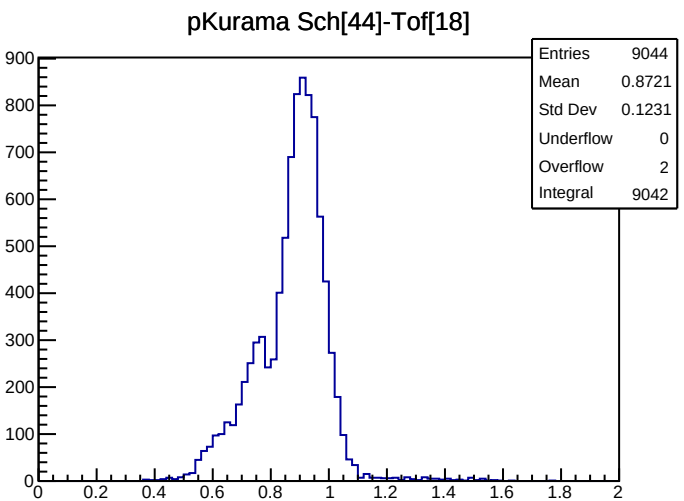

m2 Sch[44]-Tof[17]
Entries 1531
Mean 0.3318
Std Dev 0.342
Underflow 73
Overflow 41
Integral 1417

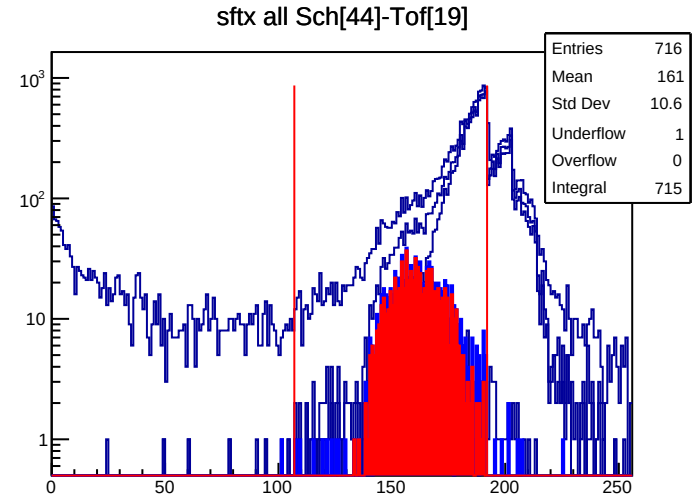

pKurama Sch[44]-Tof[17]
Entries 1531
Mean 0.7358
Std Dev 0.1602
Underflow 0
Overflow 1
Integral 1530

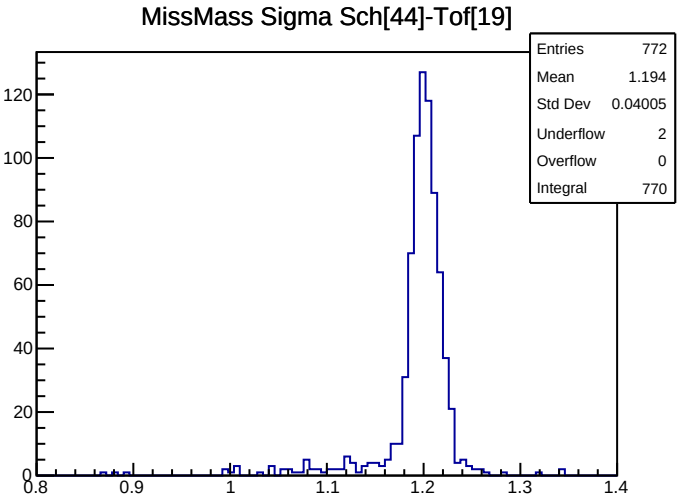

sftx all Sch[44]-Tof[18]
Entries 786
Mean 182.5
Std Dev 13.29
Underflow 1
Overflow 0
Integral 785
10^2
10
1
0
50
100
150
200
250

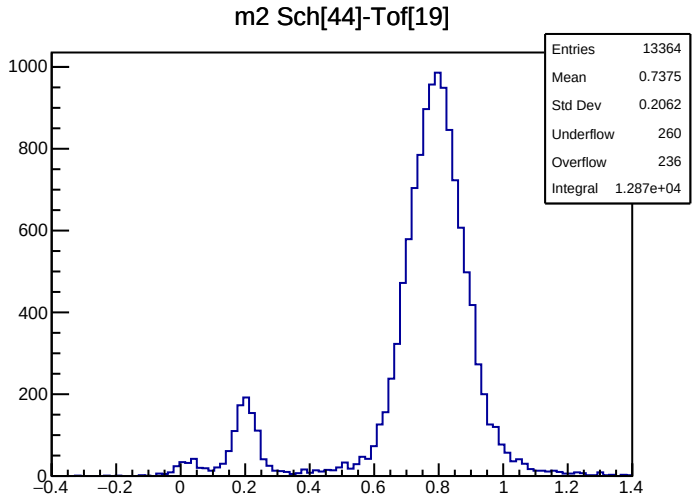

MissMass Sigma Sch[44]-Tof[18]
Entries 821
Mean 1.199
Std Dev 0.03161
Underflow 1
Overflow 0
Integral 820
140
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4

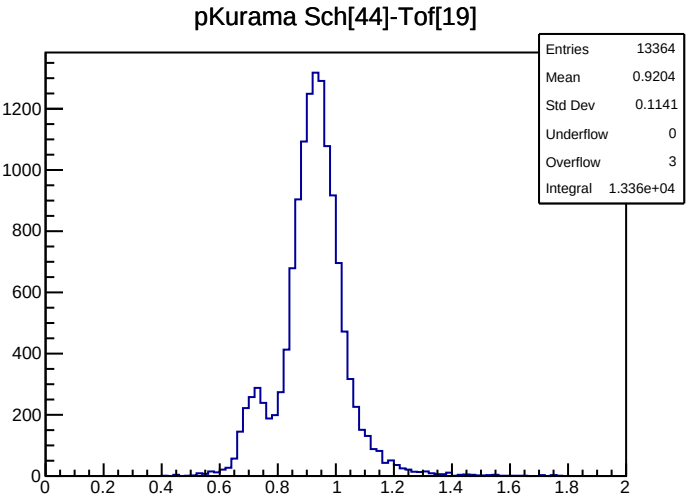

m2 Sch[44]-Tof[18]
Entries 9044
Mean 0.6771
Std Dev 0.3009
Underflow 250
Overflow 153
Integral 8641
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

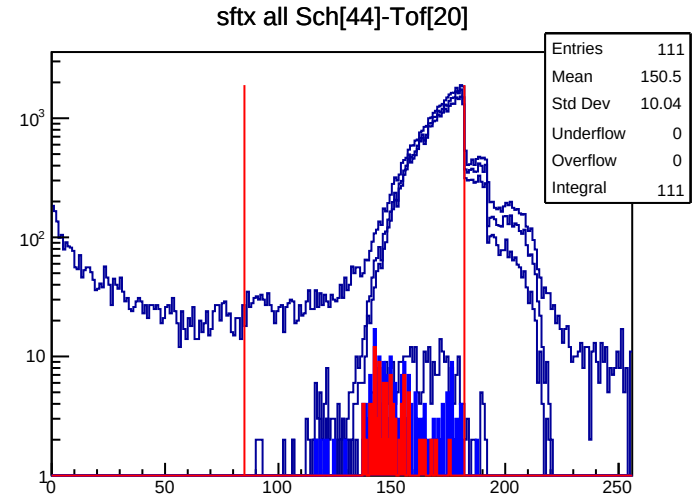

pKurama Sch[44]-Tof[18]
Entries 9044
Mean 0.8721
Std Dev 0.1231
Underflow 0
Overflow 2
Integral 9042
900
800
700
600
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

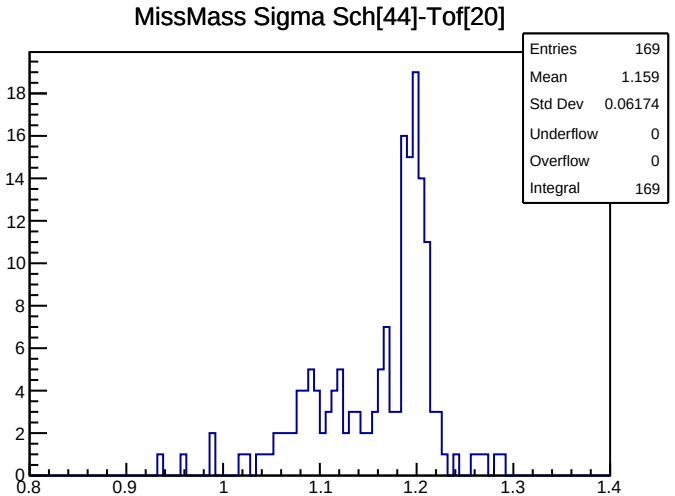

sftx all Sch[44]-Tof[19]
Entries 716
Mean 161
Std Dev 10.6
Underflow 1
Overflow 0
Integral 715

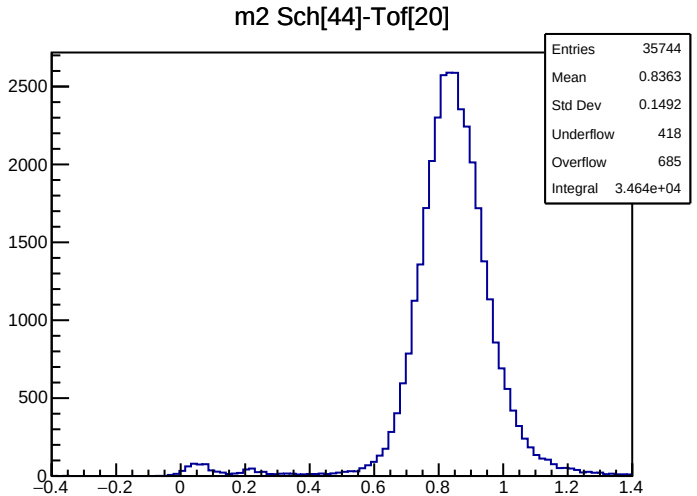

MissMass Sigma Sch[44]-Tof[19]
Entries 772
Mean 1.194
Std Dev 0.04005
Underflow 2
Overflow 0
Integral 770

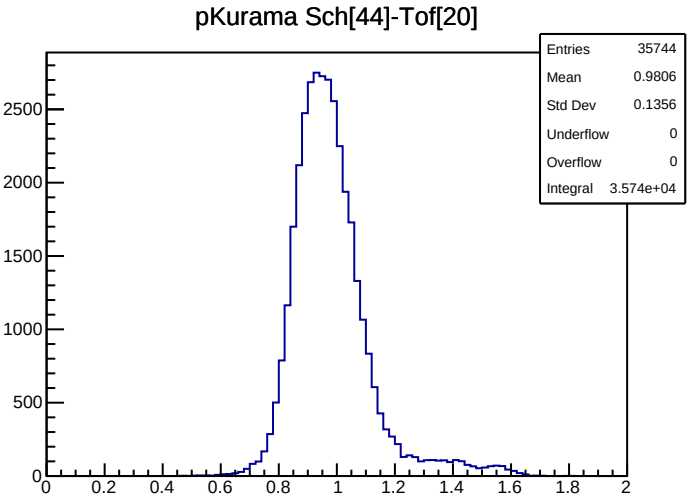

m2 Sch[44]-Tof[19]
Entries 13364
Mean 0.7375
Std Dev 0.2062
Underflow 260
Overflow 236
Integral 1.287e+04

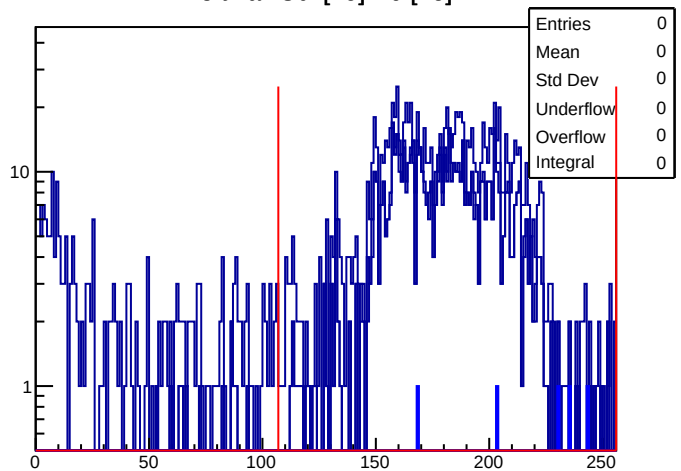

pKurama Sch[44]-Tof[19]
Entries 13364
Mean 0.9204
Std Dev 0.1141
Underflow 0
Overflow 3
Integral 1.336e+04

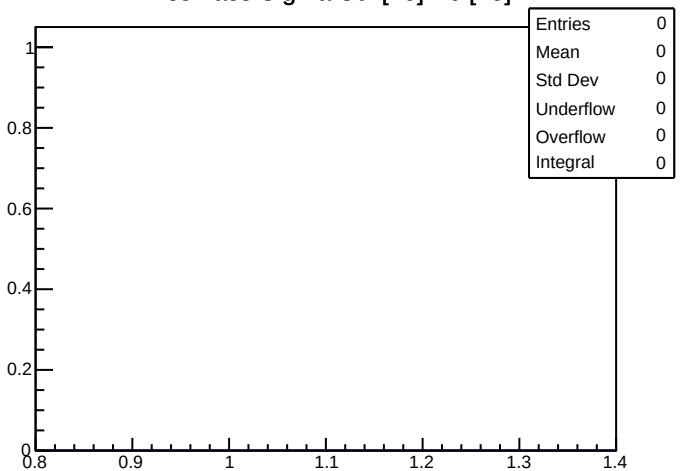

sftx all Sch[44]-Tof[20]
Entries 111
Mean 150.5
Std Dev 10.04
Underflow 0
Overflow 0
Integral 111

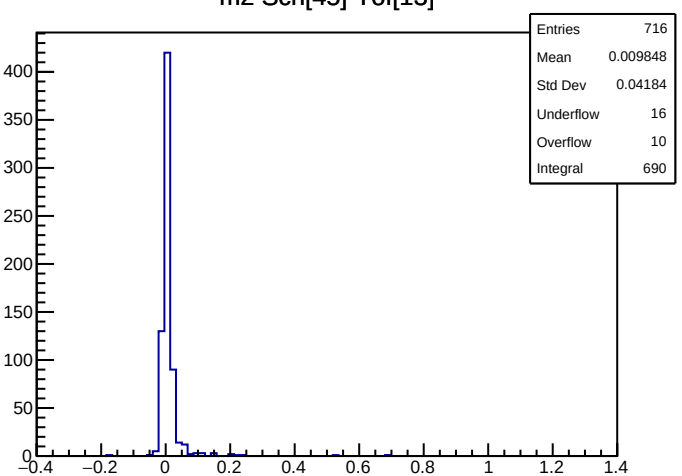

MissMass Sigma Sch[44]-Tof[20]
Entries 169
Mean 1.159
Std Dev 0.06174
Underflow 0
Overflow 0
Integral 169

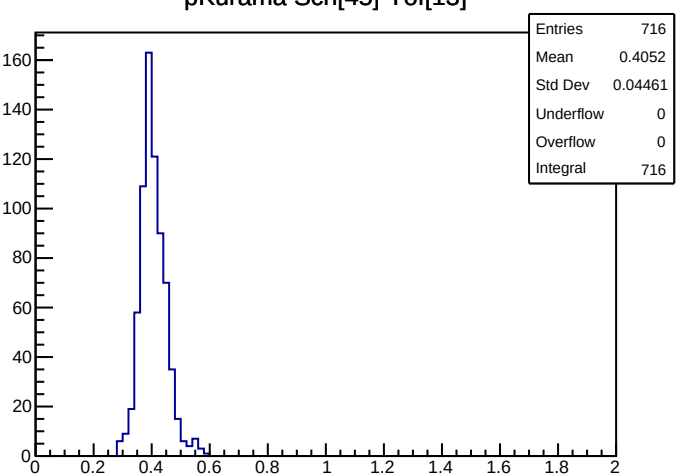

m2 Sch[44]-Tof[20]
Entries 35744
Mean 0.8363
Std Dev 0.1492
Underflow 418
Overflow 685
Integral 3.464e+04

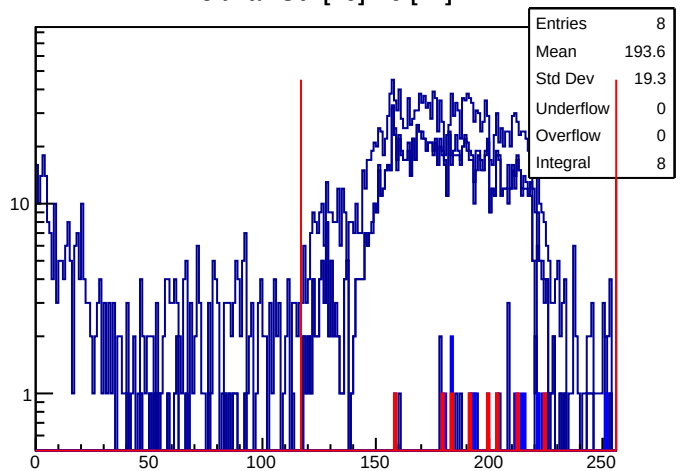

pKurama Sch[44]-Tof[20]
Entries 35744
Mean 0.9806
Std Dev 0.1356
Underflow 0
Overflow 0
Integral 3.574e+04

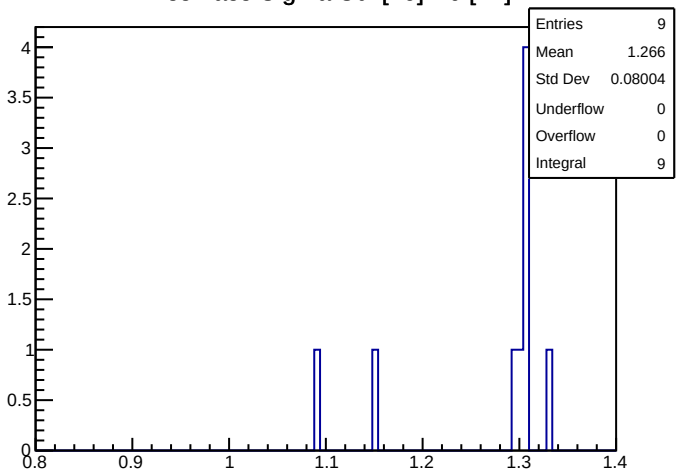

sftx all Sch[45]-Tof[13]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
10
1
0
50
100
150
200
250

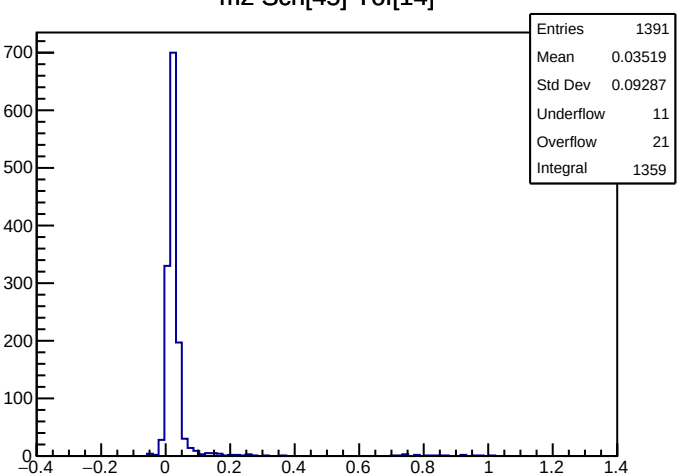

MissMass Sigma Sch[45]-Tof[13]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

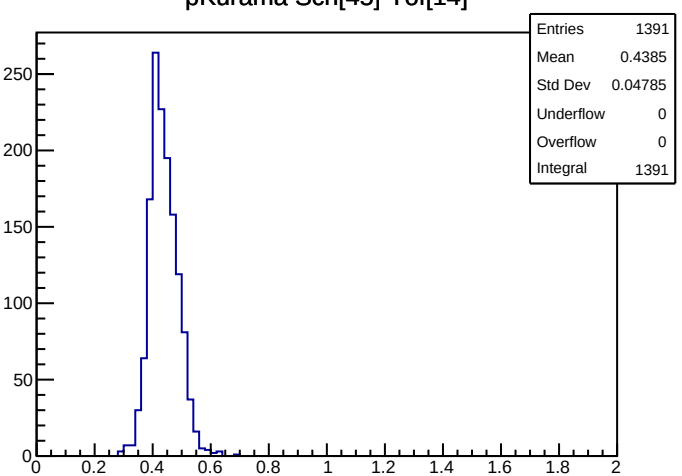

m2 Sch[45]-Tof[13]
Entries 716
Mean 0.009848
Std Dev 0.04184
Underflow 16
Overflow 10
Integral 690
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

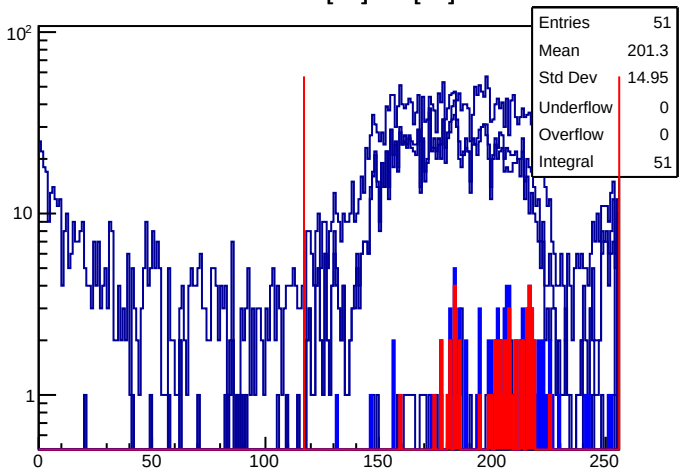

pKurama Sch[45]-Tof[13]
Entries 716
Mean 0.4052
Std Dev 0.04461
Underflow 0
Overflow 0
Integral 716
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

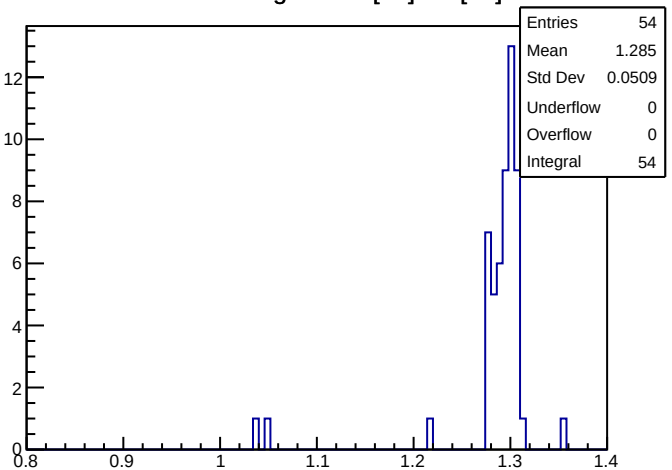

sftx all Sch[45]-Tof[14]
Entries 8
Mean 193.6
Std Dev 19.3
Underflow 0
Overflow 0
Integral 8
10
1
0
50
100
150
200
250

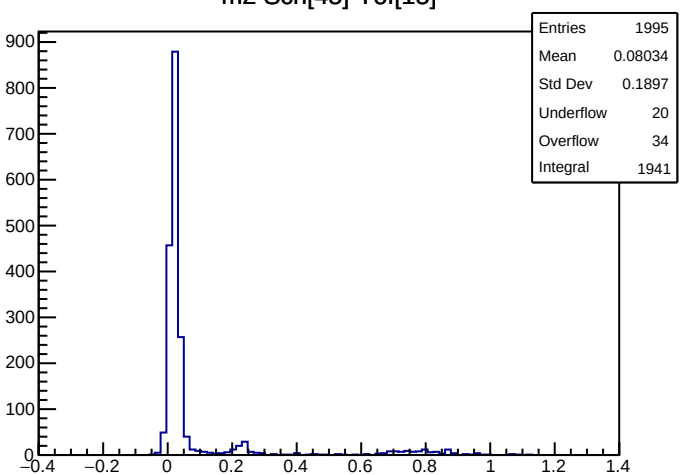

MissMass Sigma Sch[45]-Tof[14]
Entries 9
Mean 1.266
Std Dev 0.08004
Underflow 0
Overflow 0
Integral 9
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

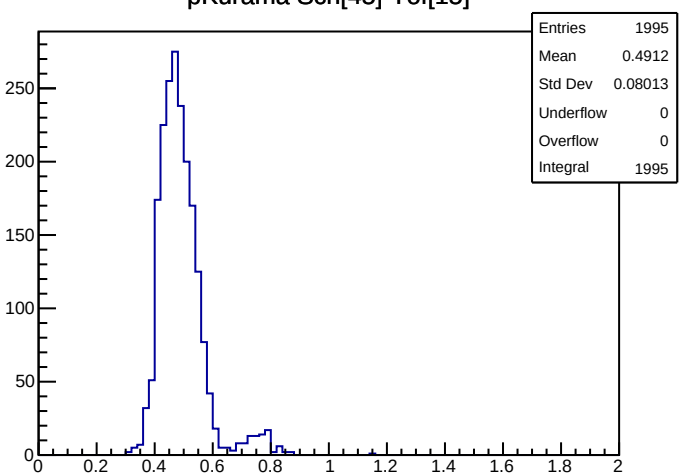

m2 Sch[45]-Tof[14]
Entries 1391
Mean 0.03519
Std Dev 0.09287
Underflow 11
Overflow 21
Integral 1359
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

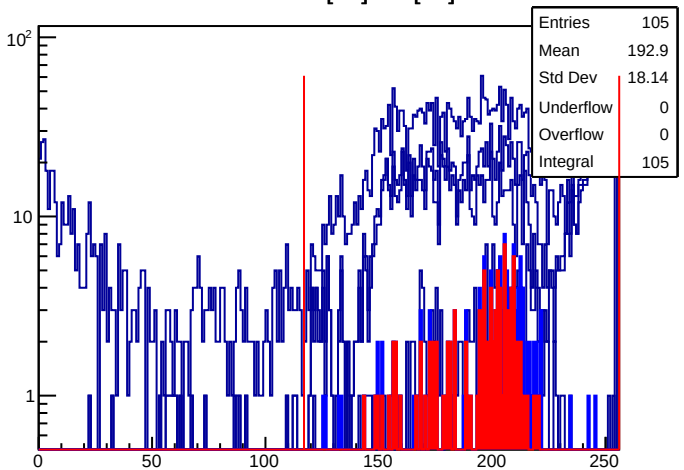

pKurama Sch[45]-Tof[14]
Entries 1391
Mean 0.4385
Std Dev 0.04785
Underflow 0
Overflow 0
Integral 1391
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

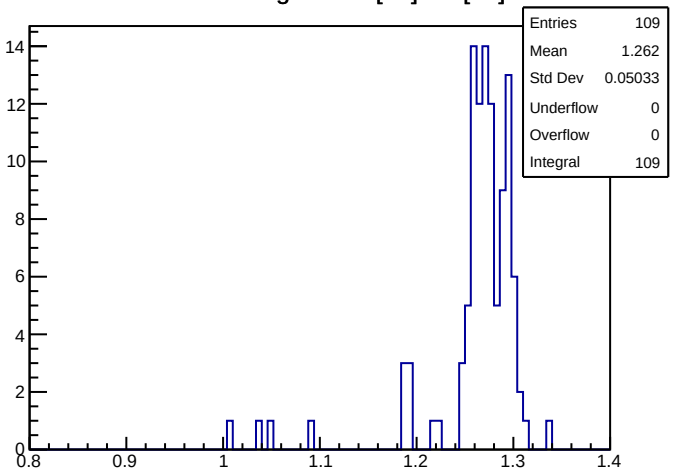

sftx all Sch[45]-Tof[15]
Entries 51
Mean 201.3
Std Dev 14.95
Underflow 0
Overflow 0
Integral 51

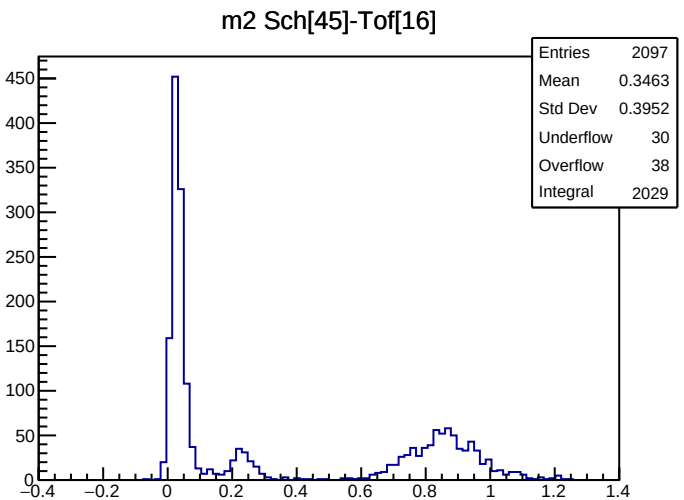

MissMass Sigma Sch[45]-Tof[15]
Entries 54
Mean 1.285
Std Dev 0.0509
Underflow 0
Overflow 0
Integral 54

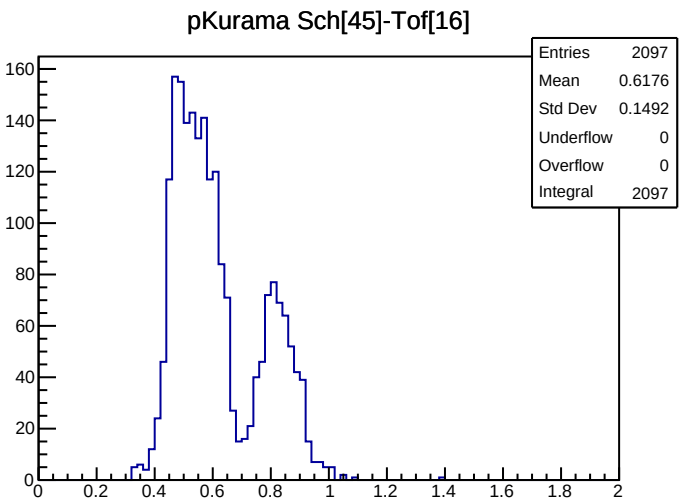

m2 Sch[45]-Tof[15]
Entries 1995
Mean 0.08034
Std Dev 0.1897
Underflow 20
Overflow 34
Integral 1941

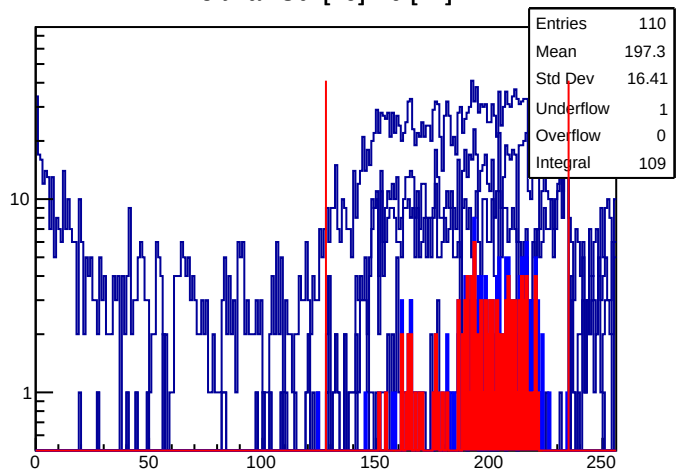

pKurama Sch[45]-Tof[15]
Entries 1995
Mean 0.4912
Std Dev 0.08013
Underflow 0
Overflow 0
Integral 1995

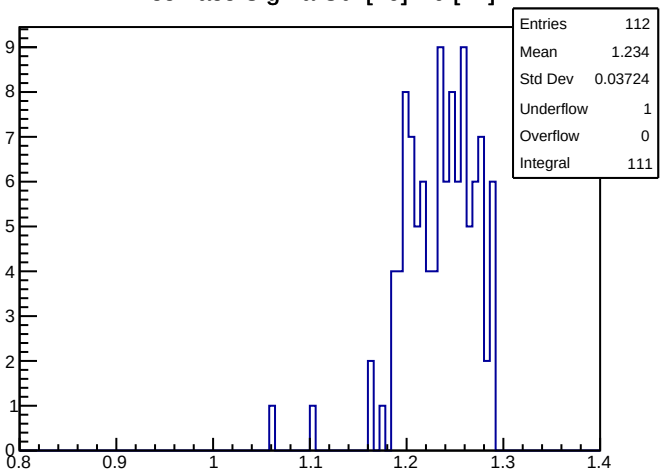

sftx all Sch[45]-Tof[16]
Entries 105
Mean 192.9
Std Dev 18.14
Underflow 0
Overflow 0
Integral 105

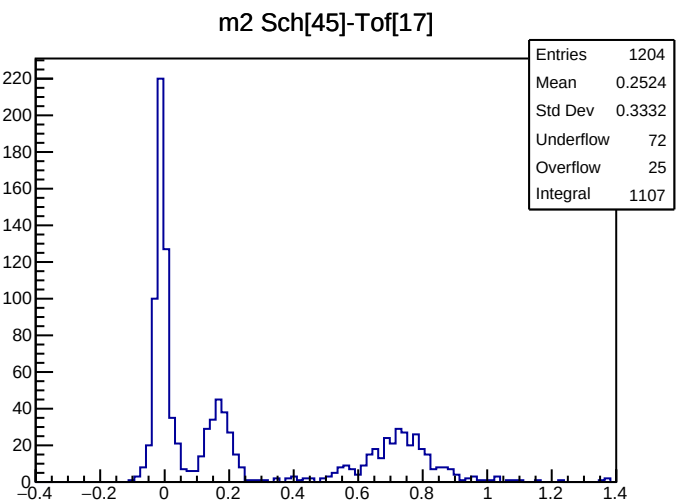

MissMass Sigma Sch[45]-Tof[16]
Entries 109
Mean 1.262
Std Dev 0.05033
Underflow 0
Overflow 0
Integral 109

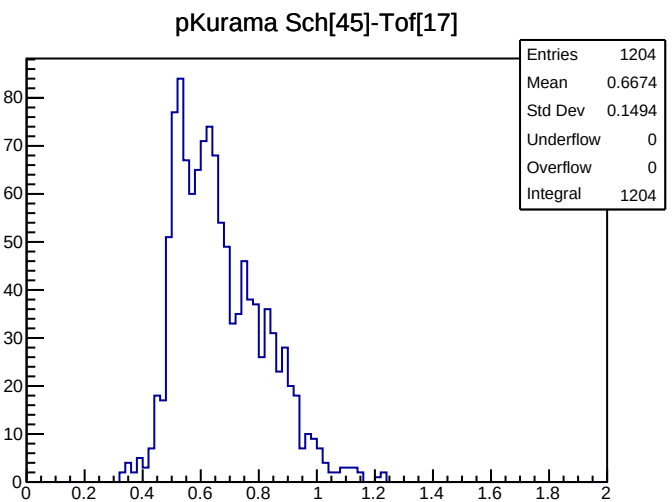

m2 Sch[45]-Tof[16]
Entries 2097
Mean 0.3463
Std Dev 0.3952
Underflow 30
Overflow 38
Integral 2029

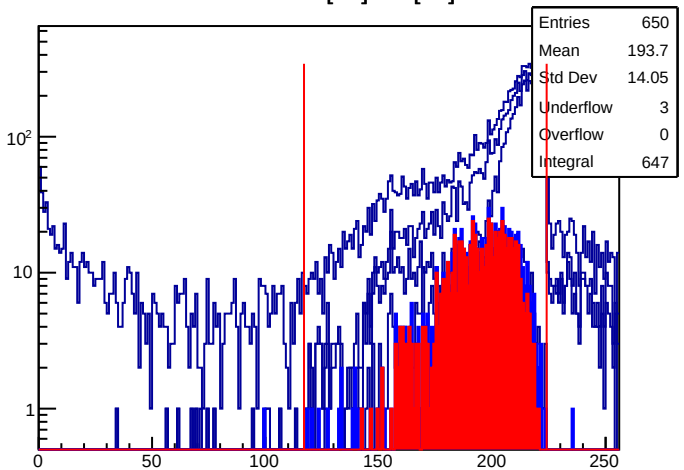

pKurama Sch[45]-Tof[16]
Entries 2097
Mean 0.6176
Std Dev 0.1492
Underflow 0
Overflow 0
Integral 2097

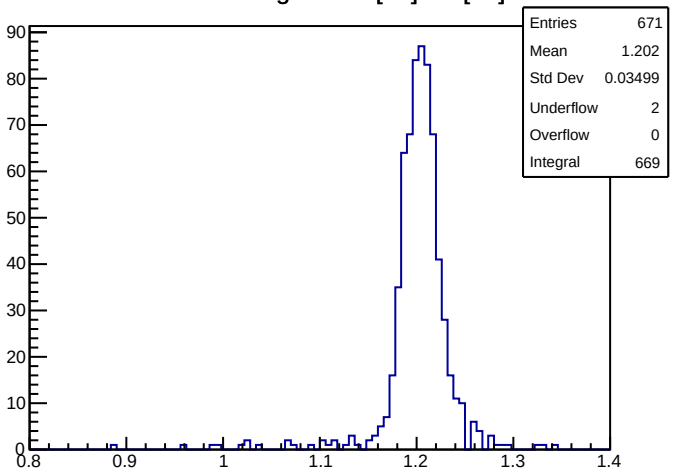

sftx all Sch[45]-Tof[17]
Entries 110
Mean 197.3
Std Dev 16.41
Underflow 1
Overflow 0
Integral 109

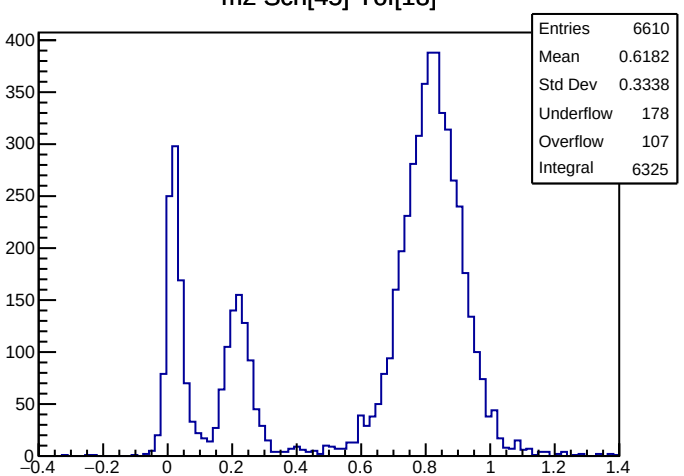

MissMass Sigma Sch[45]-Tof[17]
Entries 112
Mean 1.234
Std Dev 0.03724
Underflow 1
Overflow 0
Integral 111

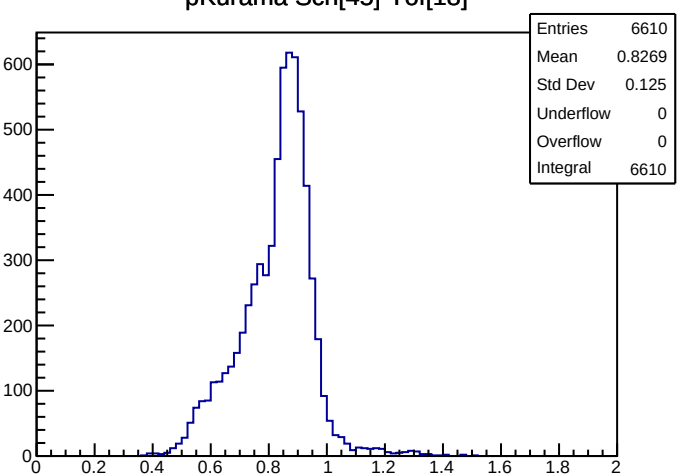

m2 Sch[45]-Tof[17]
Entries 1204
Mean 0.2524
Std Dev 0.3332
Underflow 72
Overflow 25
Integral 1107

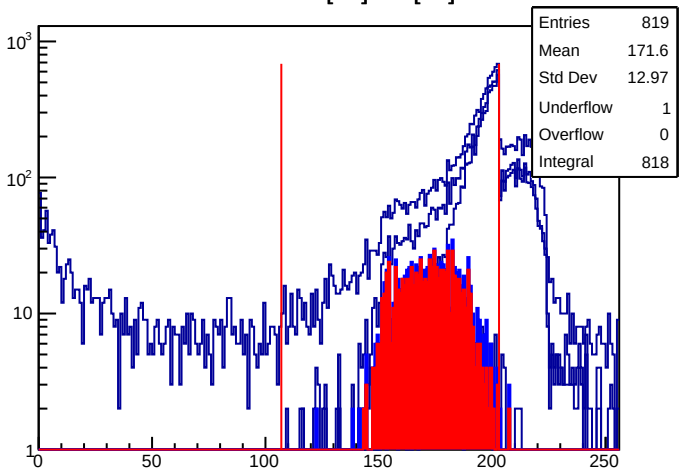

pKurama Sch[45]-Tof[17]
Entries 1204
Mean 0.6674
Std Dev 0.1494
Underflow 0
Overflow 0
Integral 1204

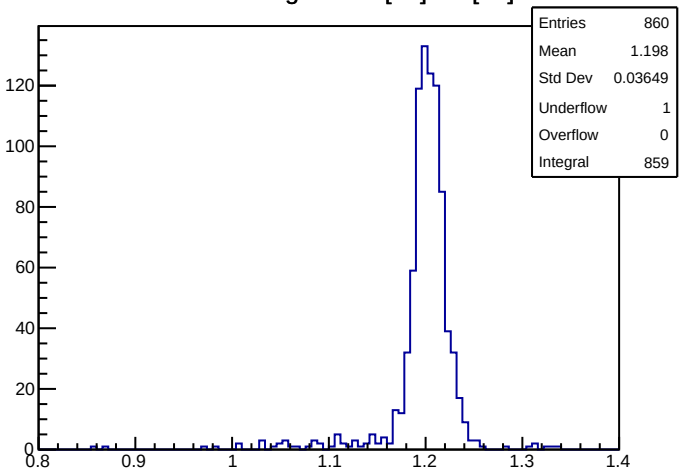

sftx all Sch[45]-Tof[18]
Entries 650
Mean 193.7
Std Dev 14.05
Underflow 3
Overflow 0
Integral 647

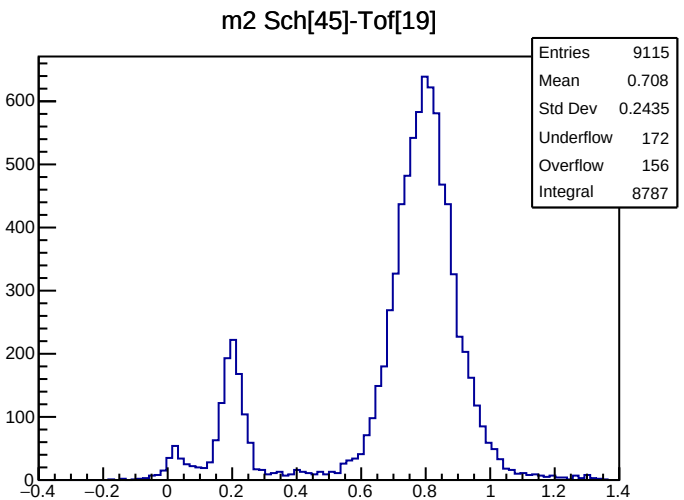

MissMass Sigma Sch[45]-Tof[18]
Entries 671
Mean 1.202
Std Dev 0.03499
Underflow 2
Overflow 0
Integral 669

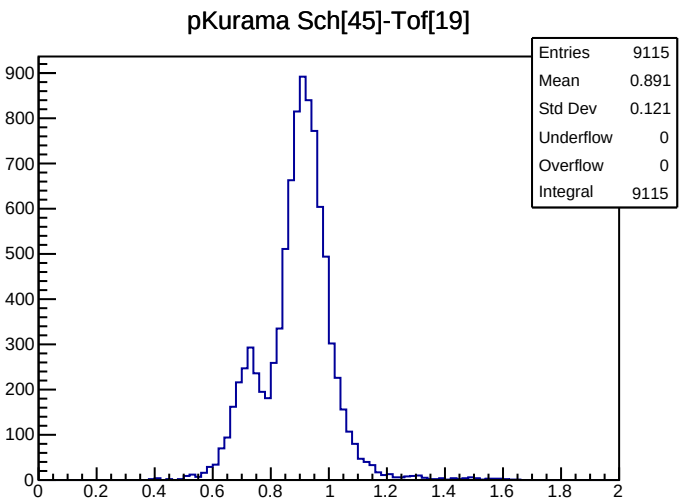

m2 Sch[45]-Tof[18]
Entries 6610
Mean 0.6182
Std Dev 0.3338
Underflow 178
Overflow 107
Integral 6325

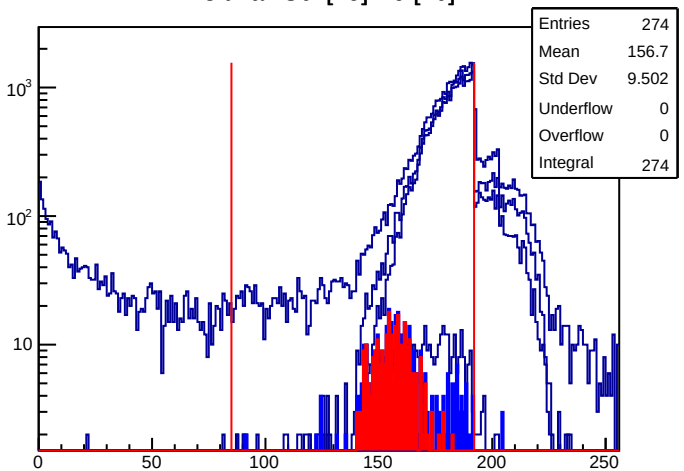

pKurama Sch[45]-Tof[18]
Entries 6610
Mean 0.8269
Std Dev 0.125
Underflow 0
Overflow 0
Integral 6610

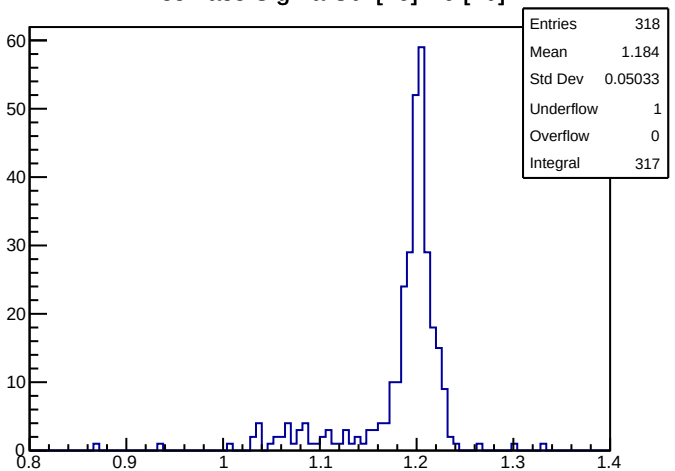

sftx all Sch[45]-Tof[19]
Entries 819
Mean 171.6
Std Dev 12.97
Underflow 1
Overflow 0
Integral 818

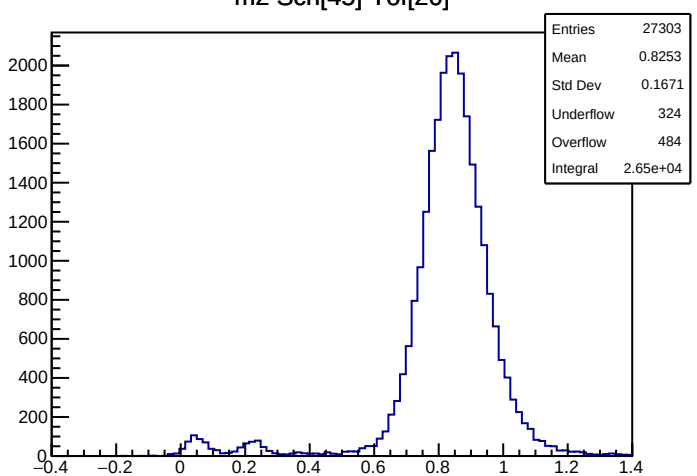

MissMass Sigma Sch[45]-Tof[19]
Entries 860
Mean 1.198
Std Dev 0.03649
Underflow 1
Overflow 0
Integral 859

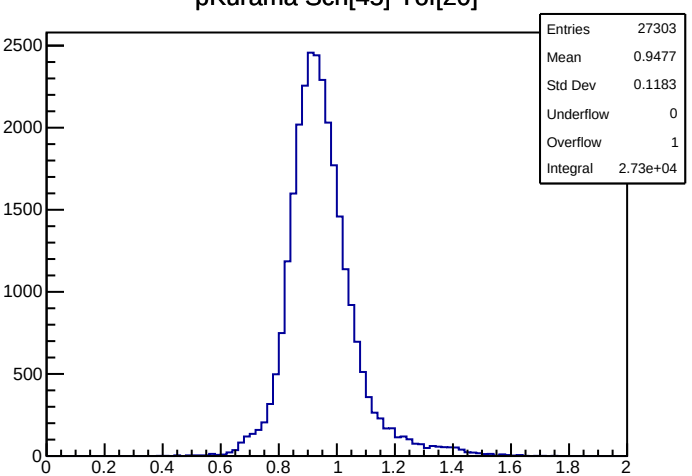

m2 Sch[45]-Tof[19]
Entries 9115
Mean 0.708
Std Dev 0.2435
Underflow 172
Overflow 156
Integral 8787

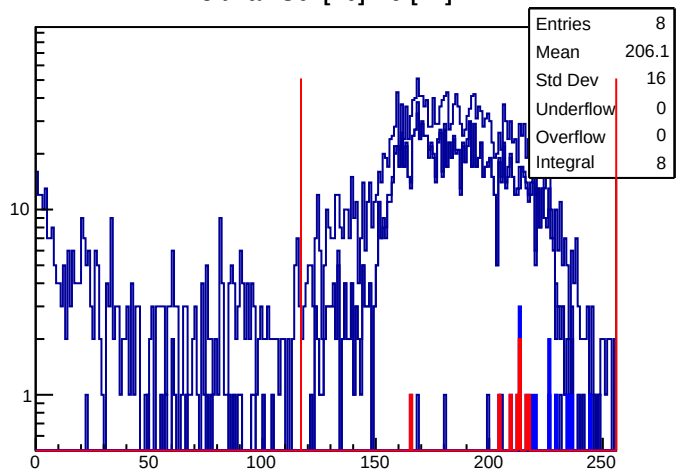

pKurama Sch[45]-Tof[19]
Entries 9115
Mean 0.891
Std Dev 0.121
Underflow 0
Overflow 0
Integral 9115

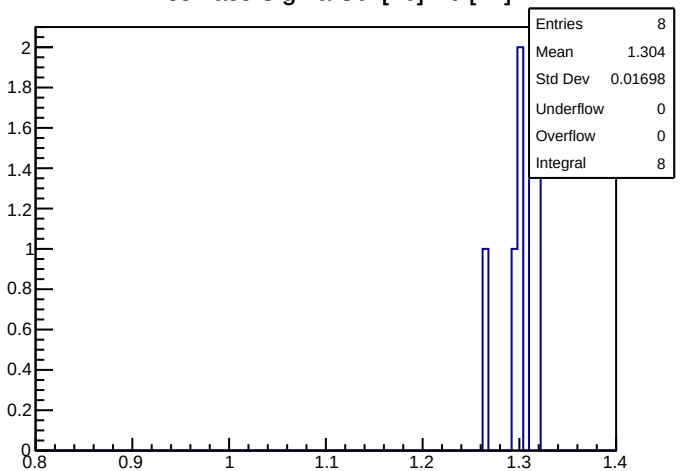

sftx all Sch[45]-Tof[20]
Entries 274
Mean 156.7
Std Dev 9.502
Underflow 0
Overflow 0
Integral 274

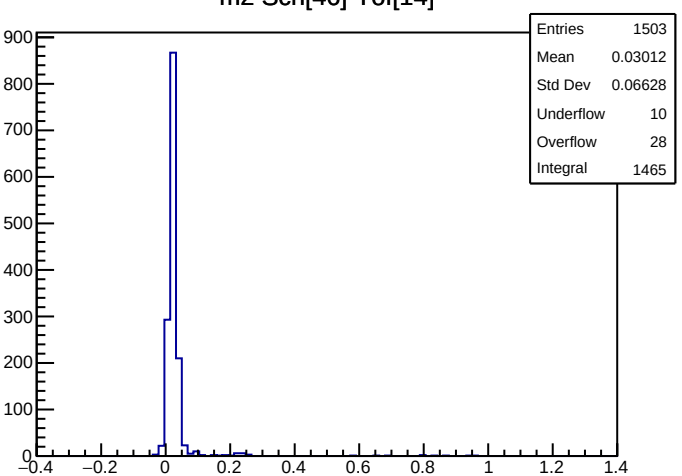

MissMass Sigma Sch[45]-Tof[20]
Entries 318
Mean 1.184
Std Dev 0.05033
Underflow 1
Overflow 0
Integral 317

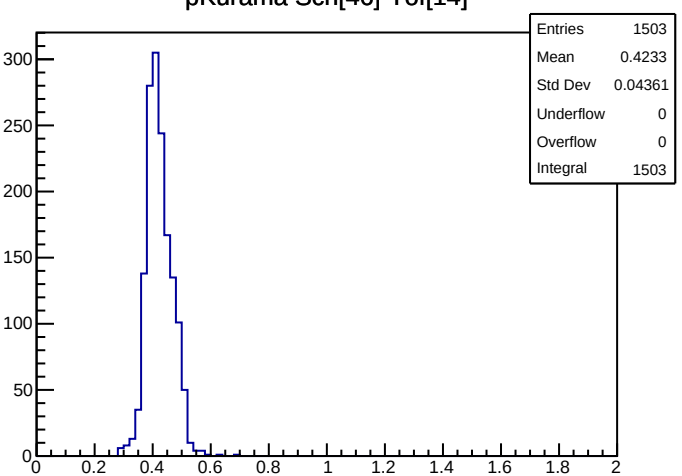

m2 Sch[45]-Tof[20]
Entries 27303
Mean 0.8253
Std Dev 0.1671
Underflow 324
Overflow 484
Integral 2.65e+04

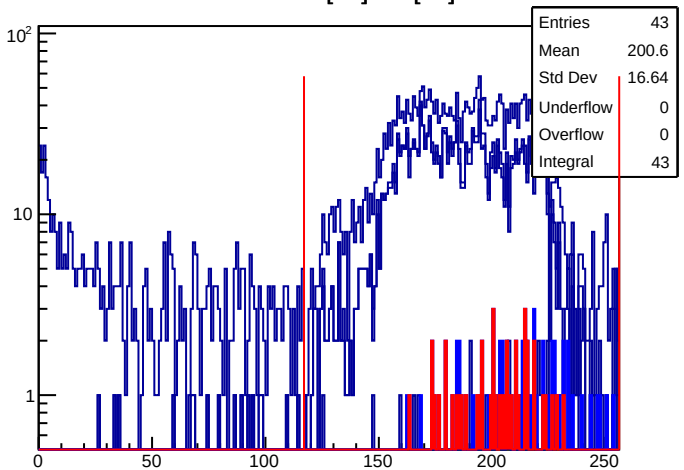

pKurama Sch[45]-Tof[20]
Entries 27303
Mean 0.9477
Std Dev 0.1183
Underflow 0
Overflow 1
Integral 2.73e+04

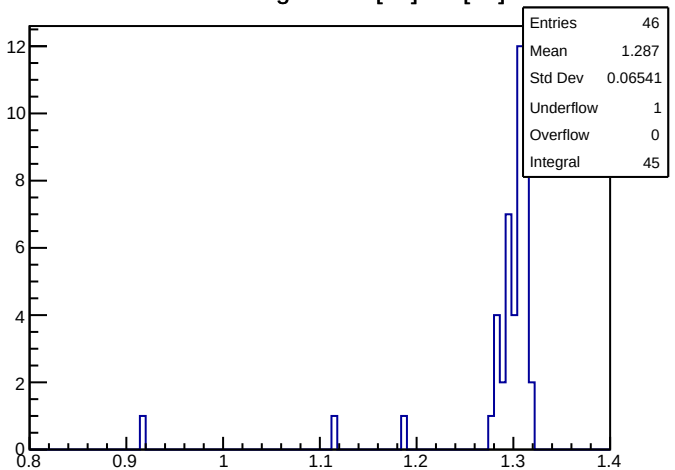

sftx all Sch[46]-Tof[14]
Entries 8
Mean 206.1
Std Dev 16
Underflow 0
Overflow 0
Integral 8
10
1
0
50
100
150
200
250

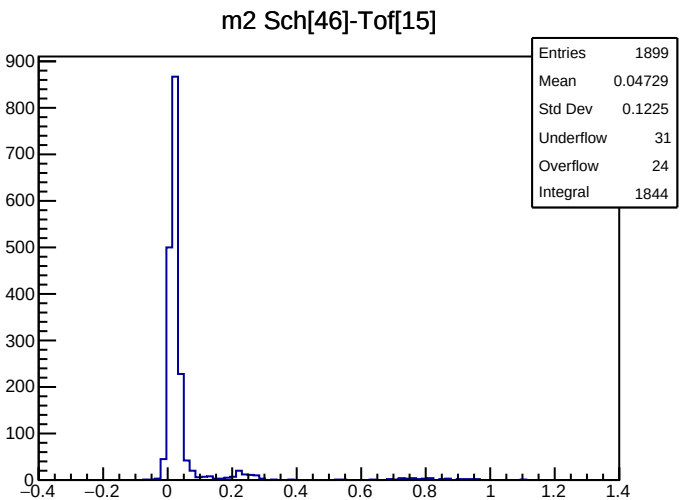

MissMass Sigma Sch[46]-Tof[14]
Entries 8
Mean 1.304
Std Dev 0.01698
Underflow 0
Overflow 0
Integral 8
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

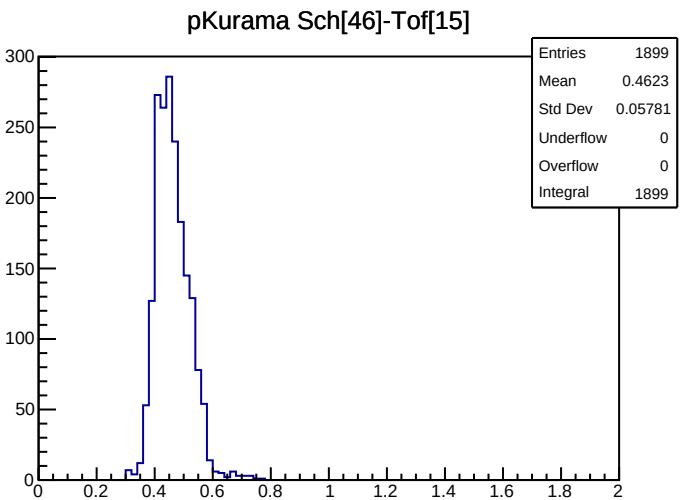

m2 Sch[46]-Tof[14]
Entries 1503
Mean 0.03012
Std Dev 0.06628
Underflow 10
Overflow 28
Integral 1465
900
800
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

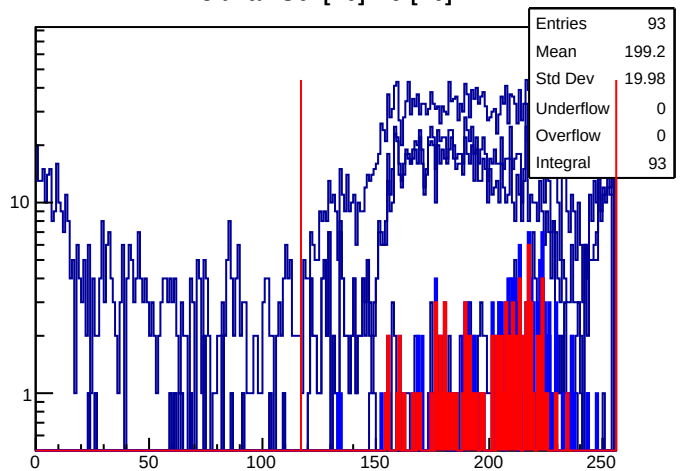

pKurama Sch[46]-Tof[14]
Entries 1503
Mean 0.4233
Std Dev 0.04361
Underflow 0
Overflow 0
Integral 1503
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

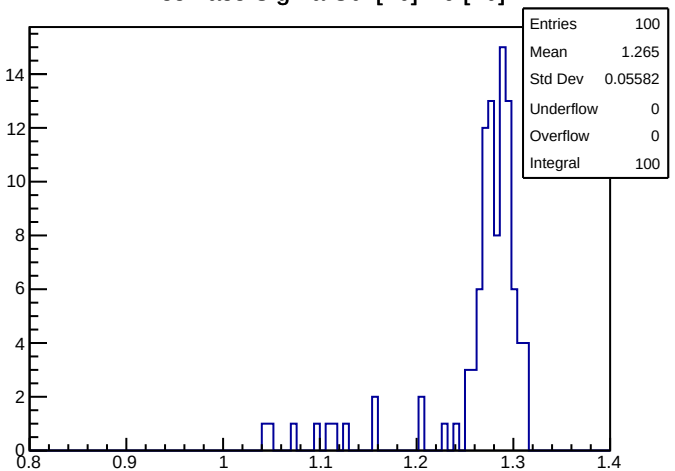

sftx all Sch[46]-Tof[15]
Entries 43
Mean 200.6
Std Dev 16.64
Underflow 0
Overflow 0
Integral 43

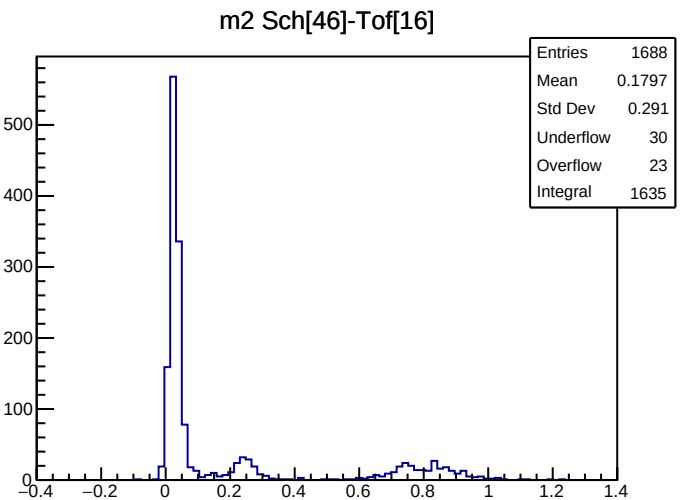

MissMass Sigma Sch[46]-Tof[15]
Entries 46
Mean 1.287
Std Dev 0.06541
Underflow 1
Overflow 0
Integral 45

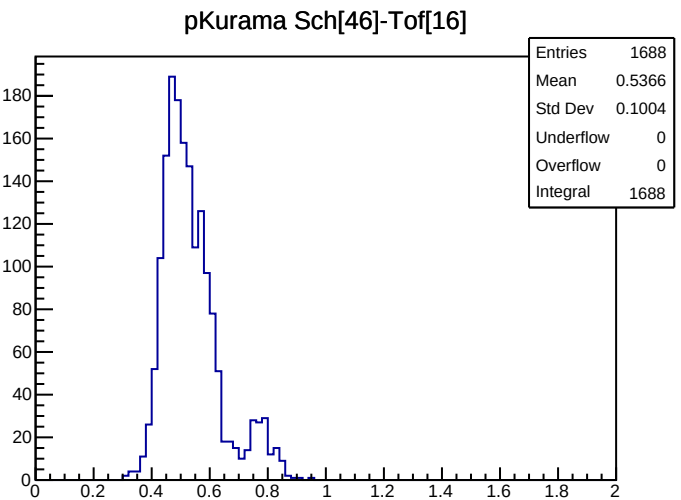

m2 Sch[46]-Tof[15]
Entries 1899
Mean 0.04729
Std Dev 0.1225
Underflow 31
Overflow 24
Integral 1844

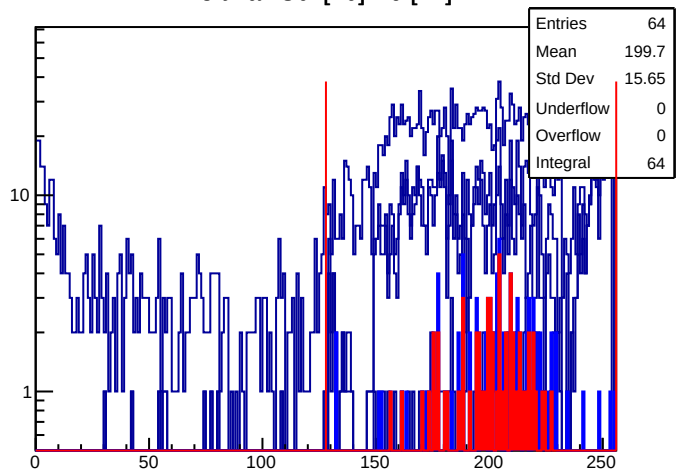

pKurama Sch[46]-Tof[15]
Entries 1899
Mean 0.4623
Std Dev 0.05781
Underflow 0
Overflow 0
Integral 1899

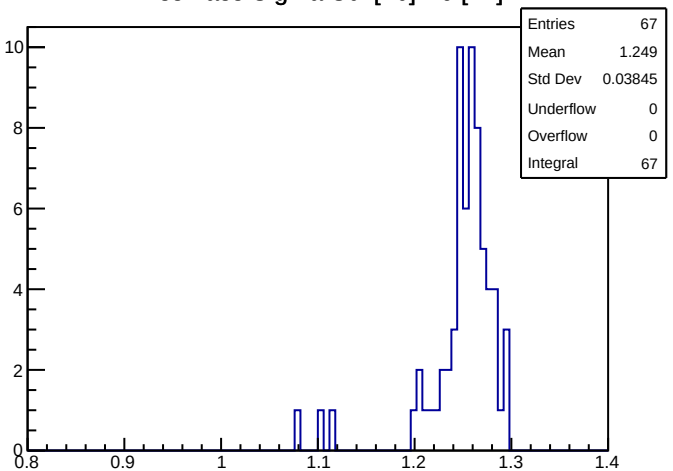

sftx all Sch[46]-Tof[16]
Entries 93
Mean 199.2
Std Dev 19.98
Underflow 0
Overflow 0
Integral 93
10
1
0
50
100
150
200
250

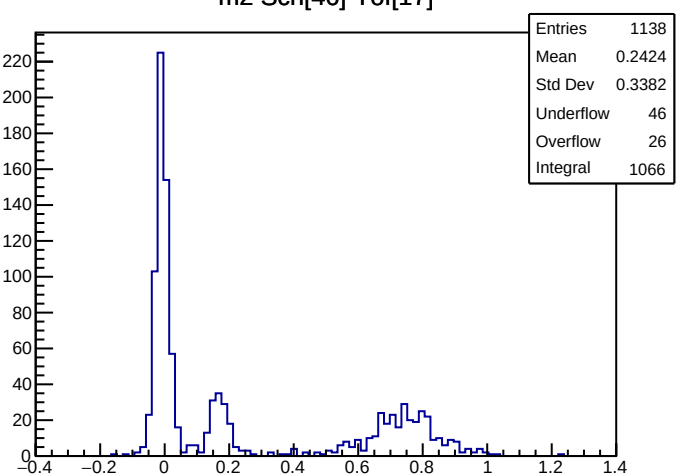

MissMass Sigma Sch[46]-Tof[16]
Entries 100
Mean 1.265
Std Dev 0.05582
Underflow 0
Overflow 0
Integral 100
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

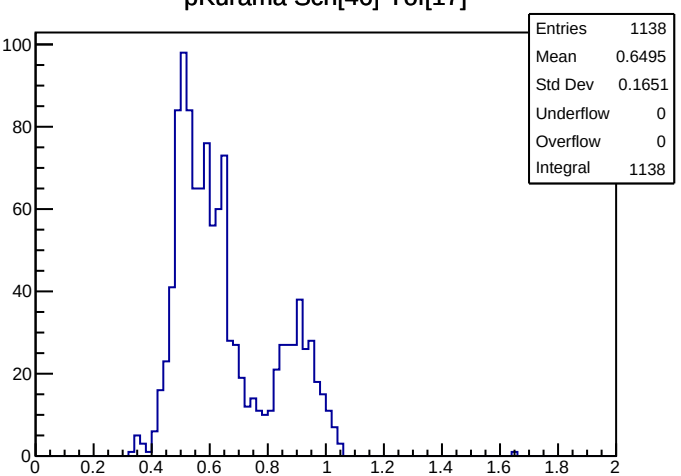

m2 Sch[46]-Tof[16]
Entries 1688
Mean 0.1797
Std Dev 0.291
Underflow 30
Overflow 23
Integral 1635
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

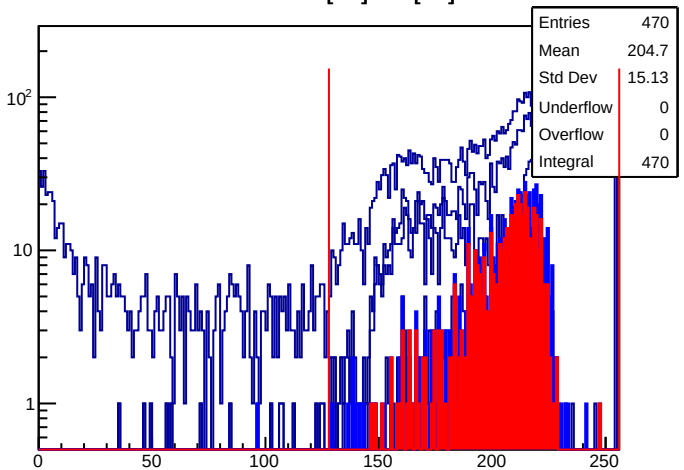

pKurama Sch[46]-Tof[16]
Entries 1688
Mean 0.5366
Std Dev 0.1004
Underflow 0
Overflow 0
Integral 1688
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

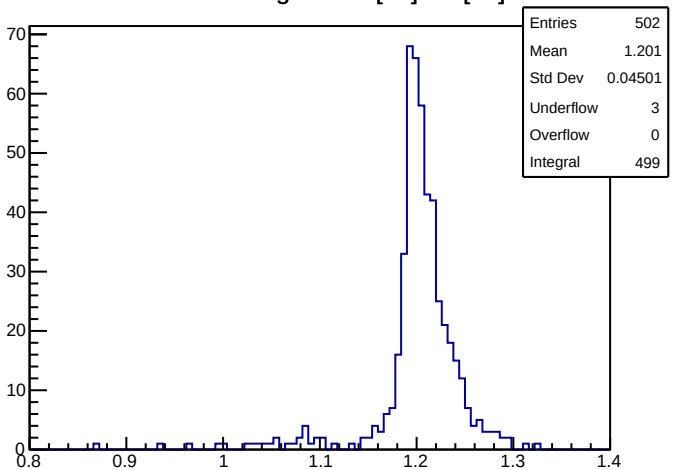

sftx all Sch[46]-Tof[17]
Entries 64
Mean 199.7
Std Dev 15.65
Underflow 0
Overflow 0
Integral 64
10
1
0
50
100
150
200
250

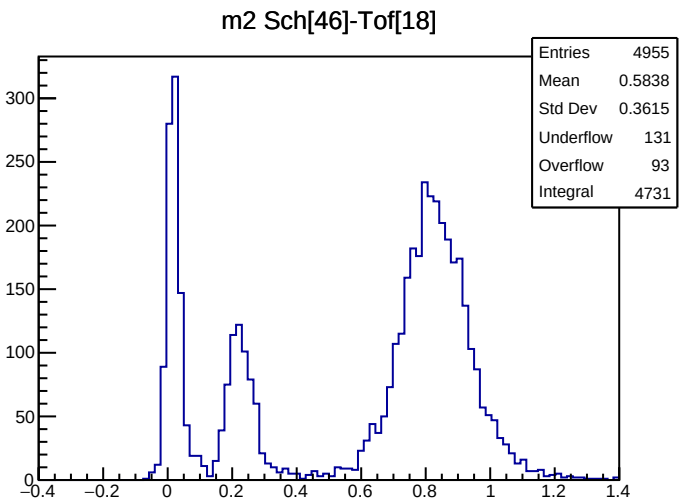

MissMass Sigma Sch[46]-Tof[17]
Entries 67
Mean 1.249
Std Dev 0.03845
Underflow 0
Overflow 0
Integral 67
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

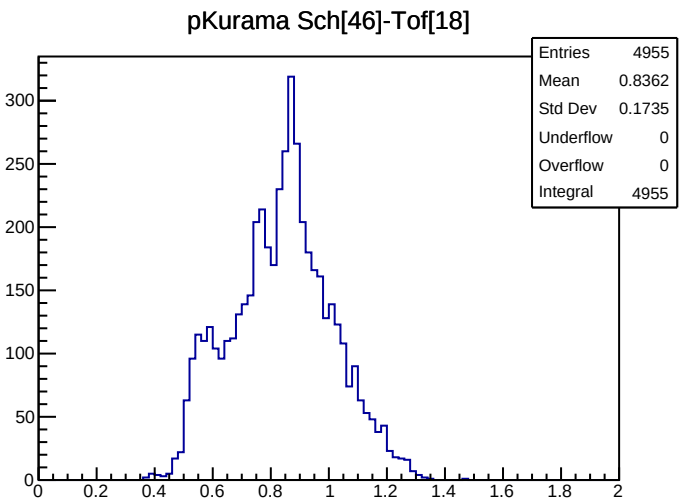

m2 Sch[46]-Tof[17]
Entries 1138
Mean 0.2424
Std Dev 0.3382
Underflow 46
Overflow 26
Integral 1066
220
200
180
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

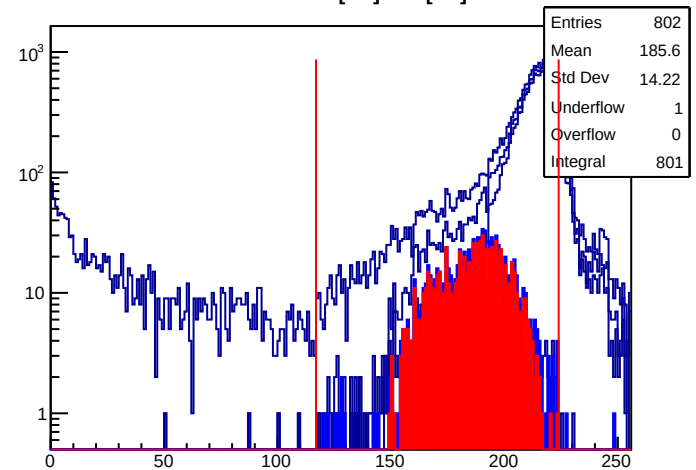

pKurama Sch[46]-Tof[17]
Entries 1138
Mean 0.6495
Std Dev 0.1651
Underflow 0
Overflow 0
Integral 1138
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

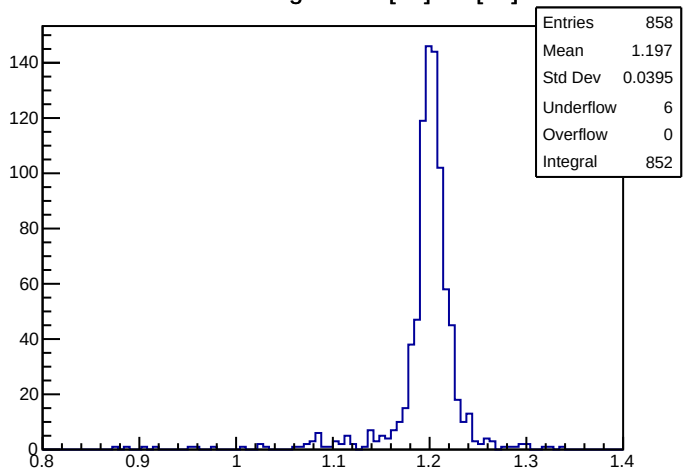

sftx all Sch[46]-Tof[18]
Entries 470
Mean 204.7
Std Dev 15.13
Underflow 0
Overflow 0
Integral 470

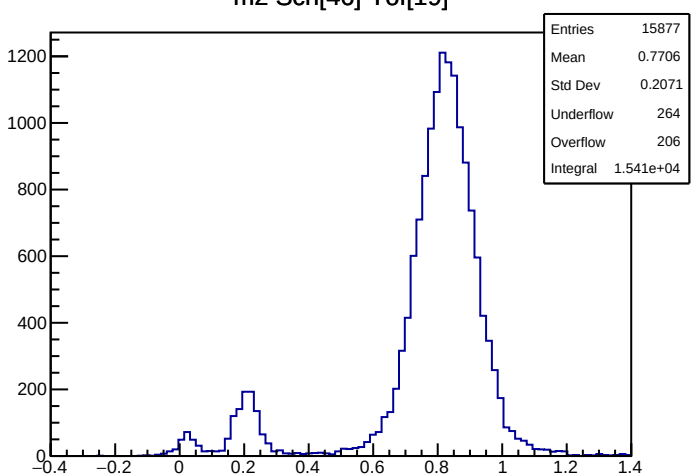

MissMass Sigma Sch[46]-Tof[18]
Entries 502
Mean 1.201
Std Dev 0.04501
Underflow 3
Overflow 0
Integral 499

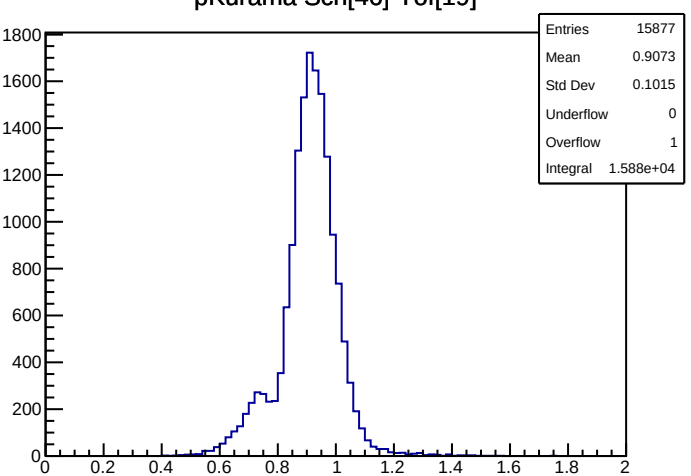

m2 Sch[46]-Tof[18]
Entries 4955
Mean 0.5838
Std Dev 0.3615
Underflow 131
Overflow 93
Integral 4731

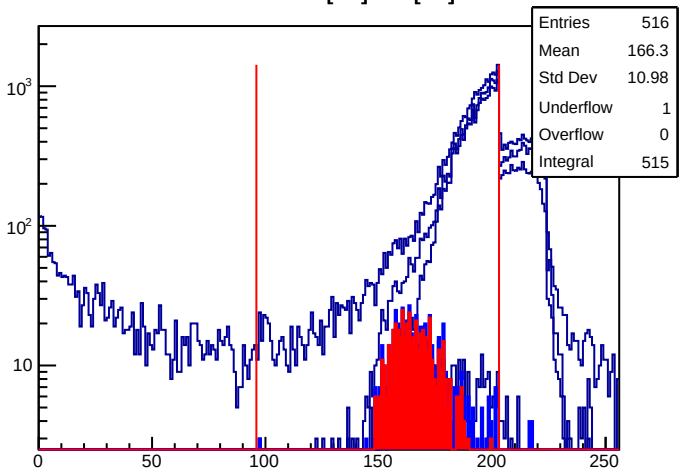

pKurama Sch[46]-Tof[18]
Entries 4955
Mean 0.8362
Std Dev 0.1735
Underflow 0
Overflow 0
Integral 4955

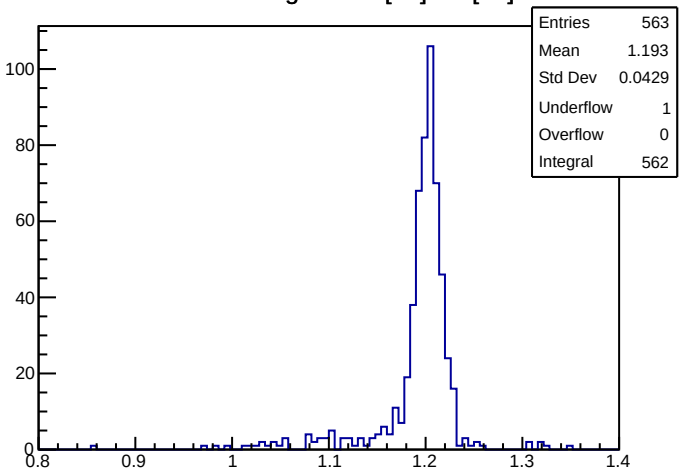

sftx all Sch[46]-Tof[19]
Entries 802
Mean 185.6
Std Dev 14.22
Underflow 1
Overflow 0
Integral 801

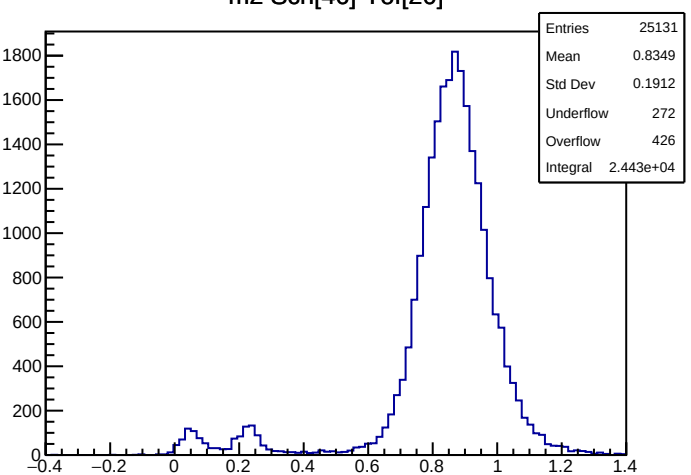

MissMass Sigma Sch[46]-Tof[19]
Entries 858
Mean 1.197
Std Dev 0.0395
Underflow 6
Overflow 0
Integral 852

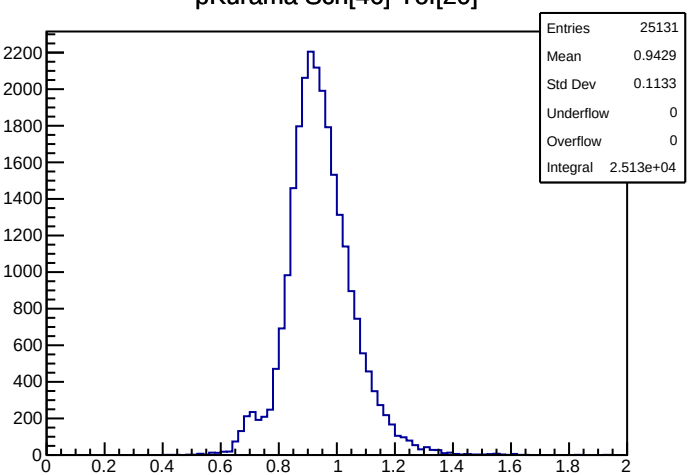

m2 Sch[46]-Tof[19]
Entries 15877
Mean 0.7706
Std Dev 0.2071
Underflow 264
Overflow 206
Integral 1.541e+04

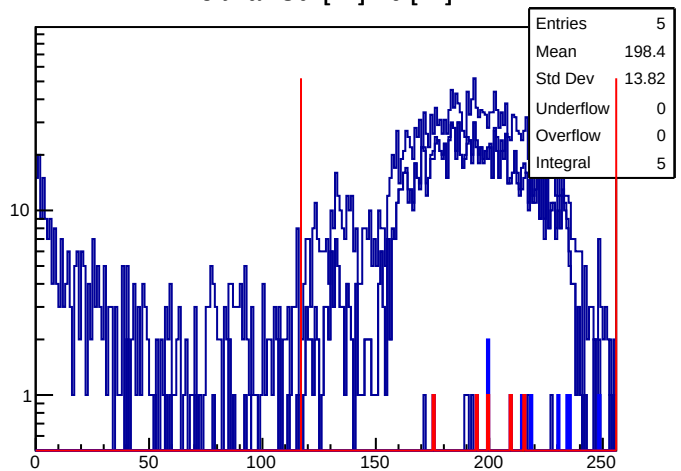

pKurama Sch[46]-Tof[19]
Entries 15877
Mean 0.9073
Std Dev 0.1015
Underflow 0
Overflow 1
Integral 1.588e+04

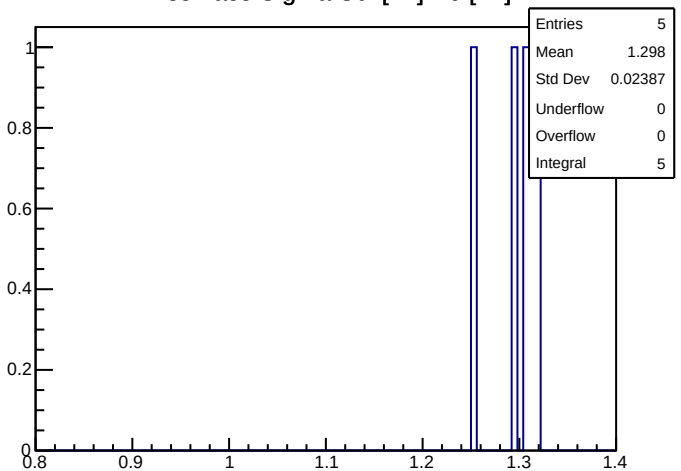

sftx all Sch[46]-Tof[20]
Entries 516
Mean 166.3
Std Dev 10.98
Underflow 1
Overflow 0
Integral 515

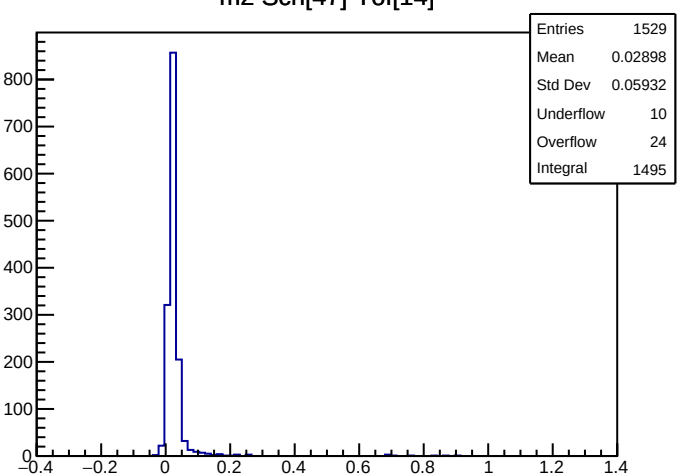

MissMass Sigma Sch[46]-Tof[20]
Entries 563
Mean 1.193
Std Dev 0.0429
Underflow 1
Overflow 0
Integral 562

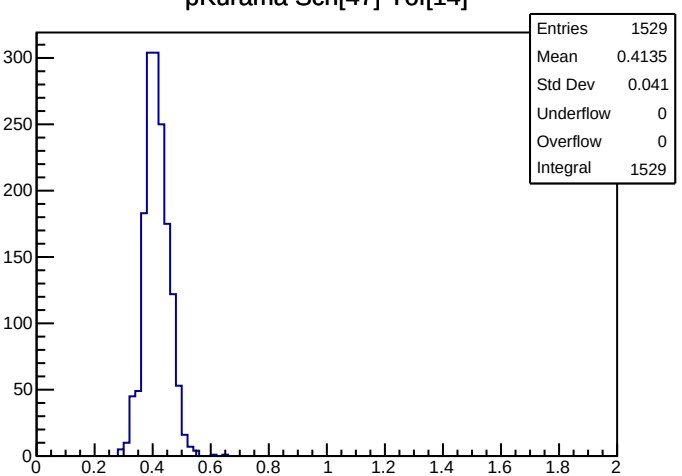

m2 Sch[46]-Tof[20]
Entries 25131
Mean 0.8349
Std Dev 0.1912
Underflow 272
Overflow 426
Integral 2.443e+04

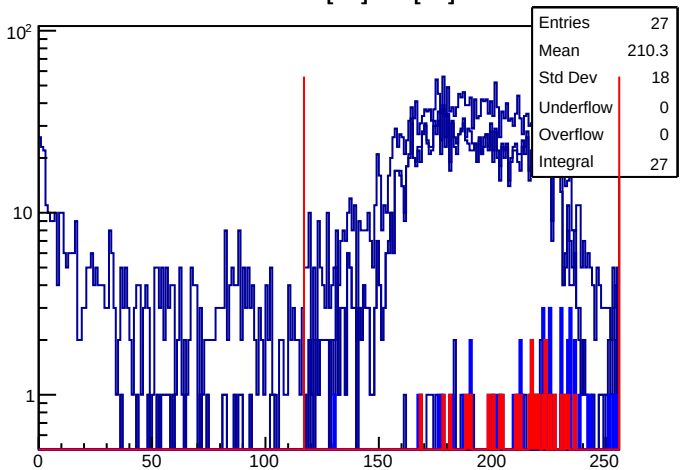

pKurama Sch[46]-Tof[20]
Entries 25131
Mean 0.9429
Std Dev 0.1133
Underflow 0
Overflow 0
Integral 2.513e+04

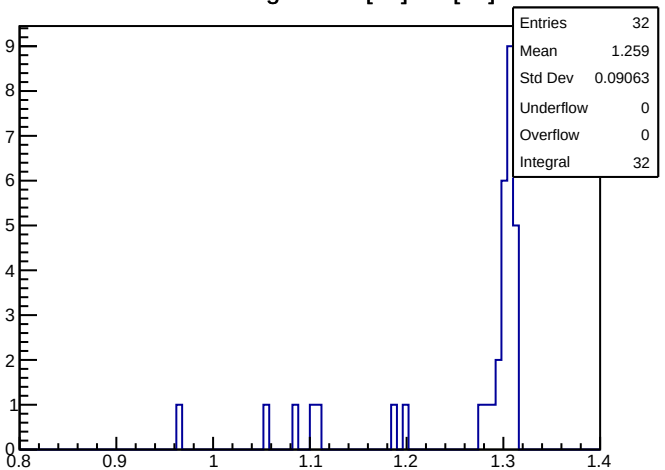

sftx all Sch[47]-Tof[14]
Entries 5
Mean 198.4
Std Dev 13.82
Underflow 0
Overflow 0
Integral 5
10
1
0
50
100
150
200
250

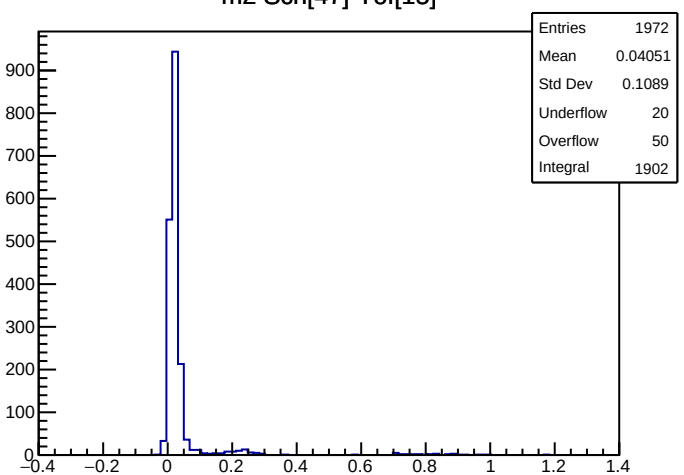

MissMass Sigma Sch[47]-Tof[14]
Entries 5
Mean 1.298
Std Dev 0.02387
Underflow 0
Overflow 0
Integral 5
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

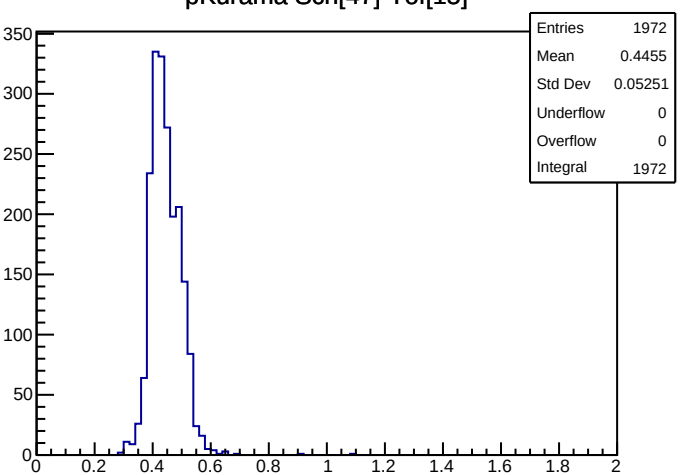

m2 Sch[47]-Tof[14]
Entries 1529
Mean 0.02898
Std Dev 0.05932
Underflow 10
Overflow 24
Integral 1495
800
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

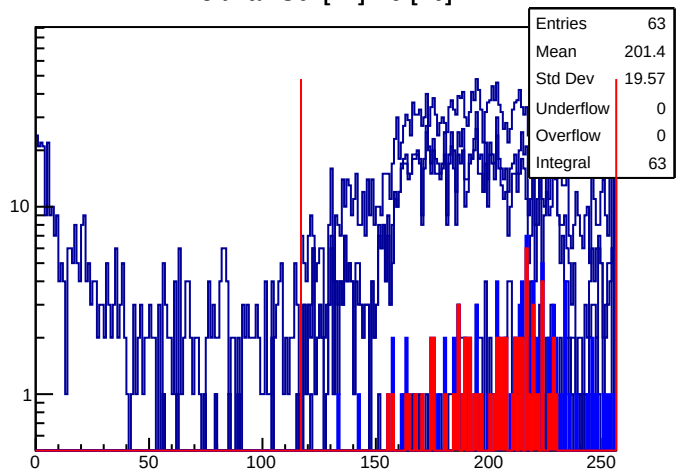

pKurama Sch[47]-Tof[14]
Entries 1529
Mean 0.4135
Std Dev 0.041
Underflow 0
Overflow 0
Integral 1529
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

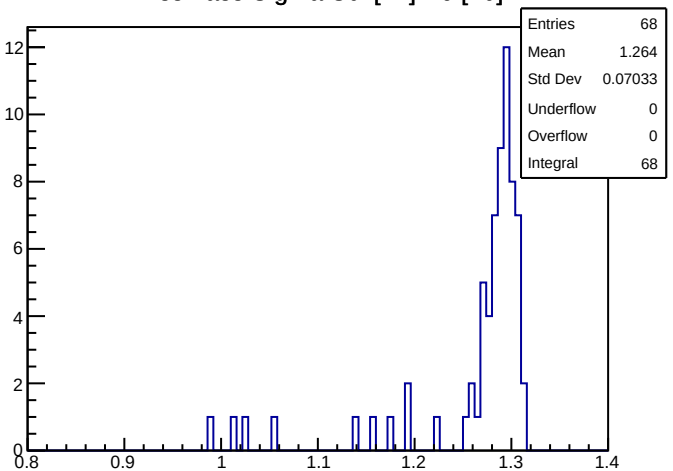

sftx all Sch[47]-Tof[15]
Entries 27
Mean 210.3
Std Dev 18
Underflow 0
Overflow 0
Integral 27

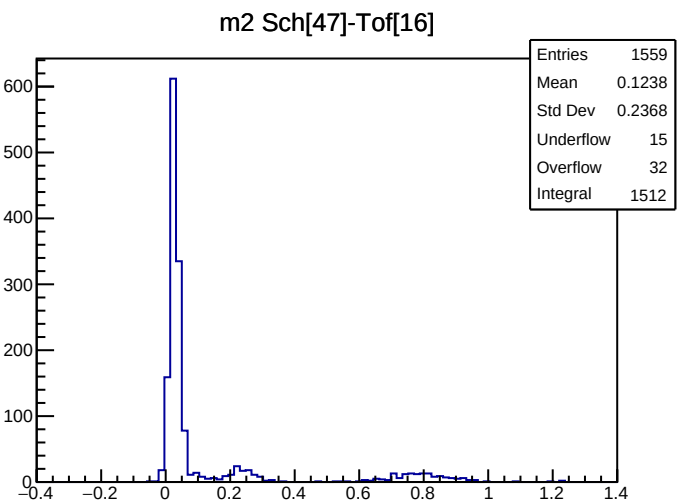

MissMass Sigma Sch[47]-Tof[15]
Entries 32
Mean 1.259
Std Dev 0.09063
Underflow 0
Overflow 0
Integral 32

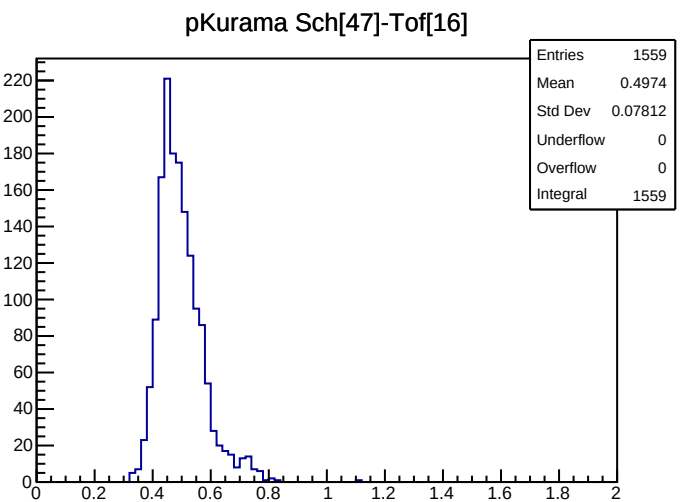

m2 Sch[47]-Tof[15]
Entries 1972
Mean 0.04051
Std Dev 0.1089
Underflow 20
Overflow 50
Integral 1902

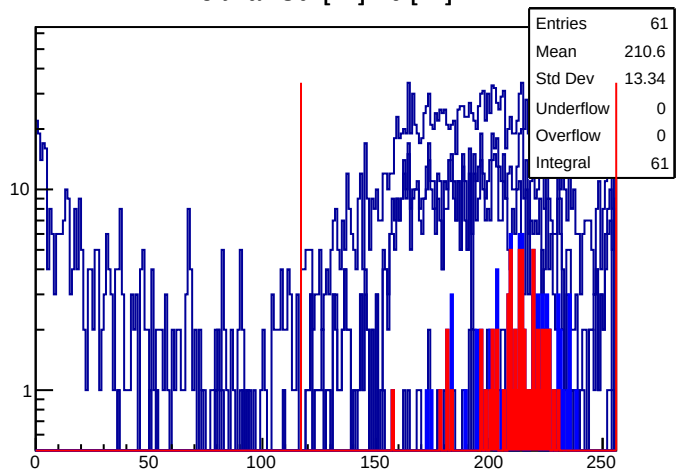

pKurama Sch[47]-Tof[15]
Entries 1972
Mean 0.4455
Std Dev 0.05251
Underflow 0
Overflow 0
Integral 1972

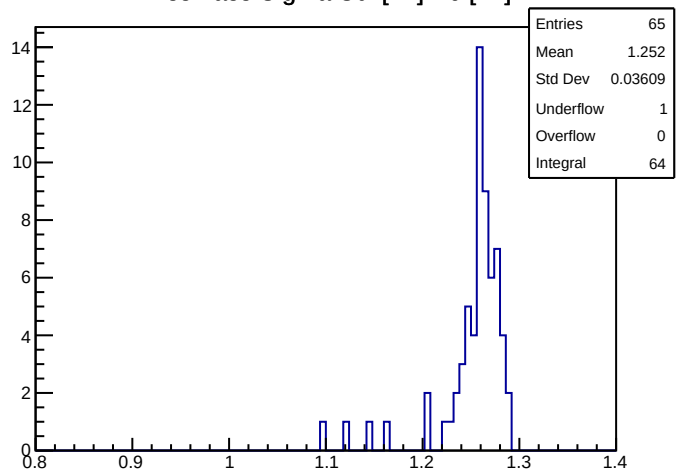

sftx all Sch[47]-Tof[16]
Entries 63
Mean 201.4
Std Dev 19.57
Underflow 0
Overflow 0
Integral 63
10
1
0
50
100
150
200
250

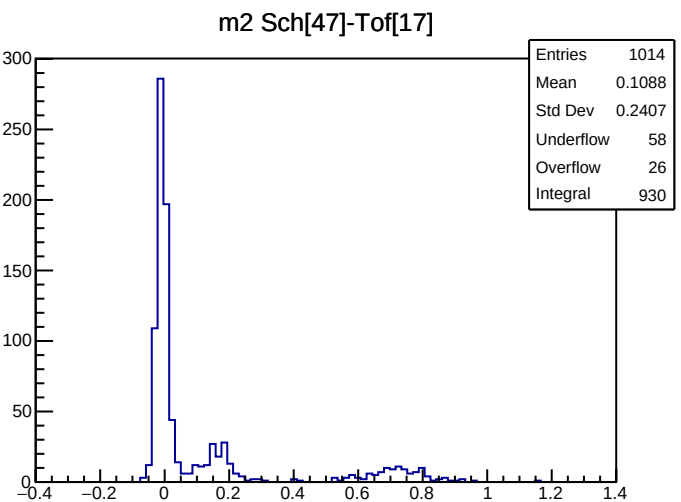

MissMass Sigma Sch[47]-Tof[16]
Entries 68
Mean 1.264
Std Dev 0.07033
Underflow 0
Overflow 0
Integral 68
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

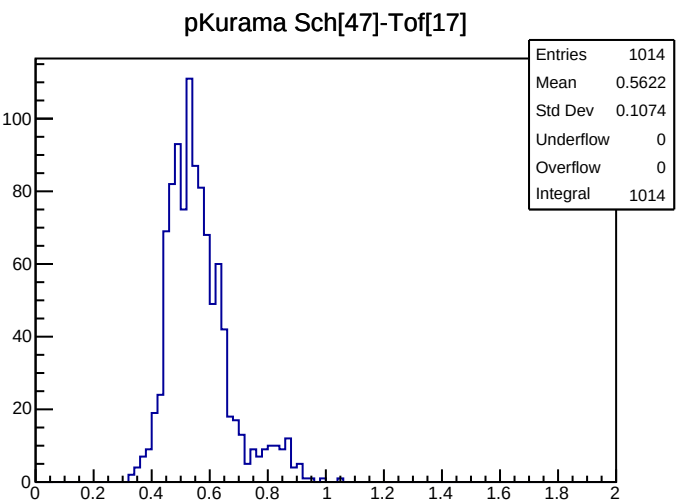

m2 Sch[47]-Tof[16]
Entries 1559
Mean 0.1238
Std Dev 0.2368
Underflow 15
Overflow 32
Integral 1512
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

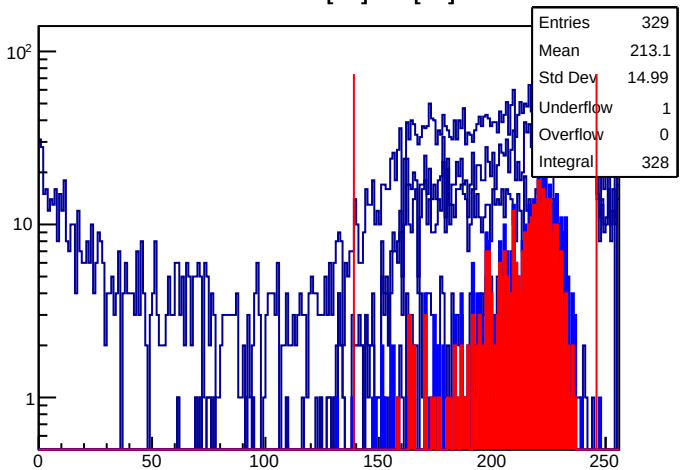

pKurama Sch[47]-Tof[16]
Entries 1559
Mean 0.4974
Std Dev 0.07812
Underflow 0
Overflow 0
Integral 1559
220
200
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

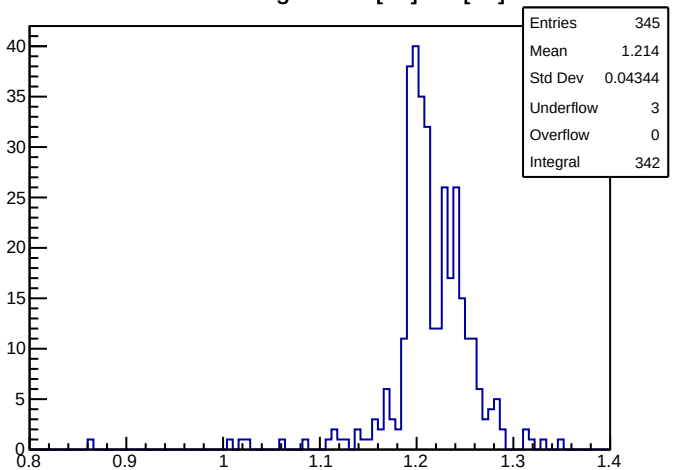

sftx all Sch[47]-Tof[17]
Entries 61
Mean 210.6
Std Dev 13.34
Underflow 0
Overflow 0
Integral 61
10
1
0
50
100
150
200
250

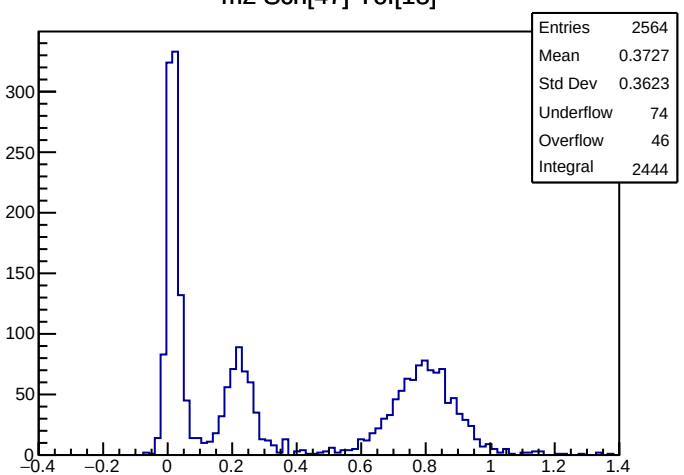

MissMass Sigma Sch[47]-Tof[17]
Entries 65
Mean 1.252
Std Dev 0.03609
Underflow 1
Overflow 0
Integral 64
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

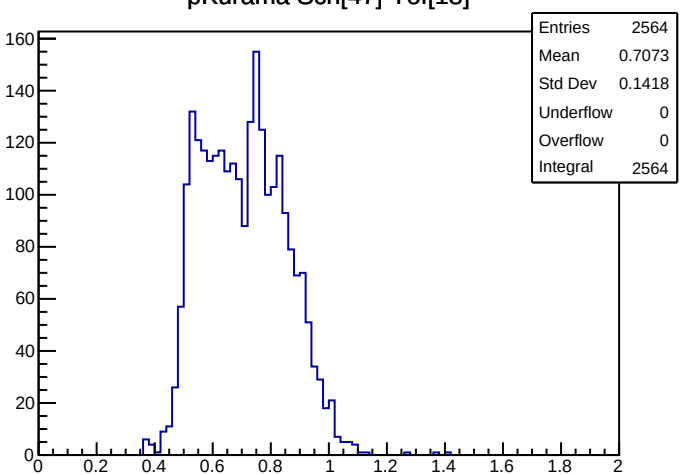

m2 Sch[47]-Tof[17]
Entries 1014
Mean 0.1088
Std Dev 0.2407
Underflow 58
Overflow 26
Integral 930
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

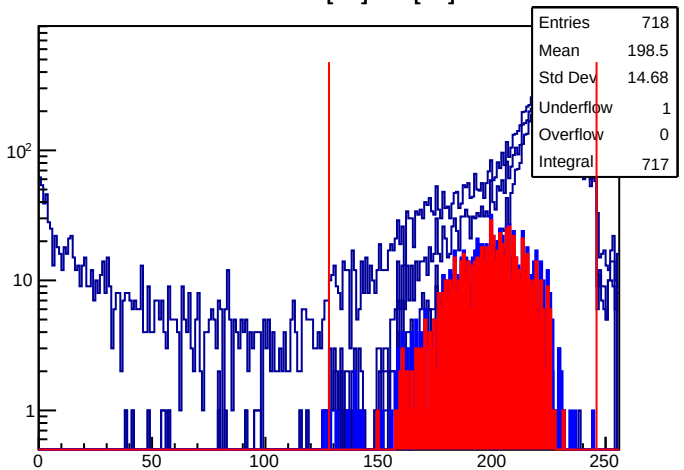

pKurama Sch[47]-Tof[17]
Entries 1014
Mean 0.5622
Std Dev 0.1074
Underflow 0
Overflow 0
Integral 1014
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

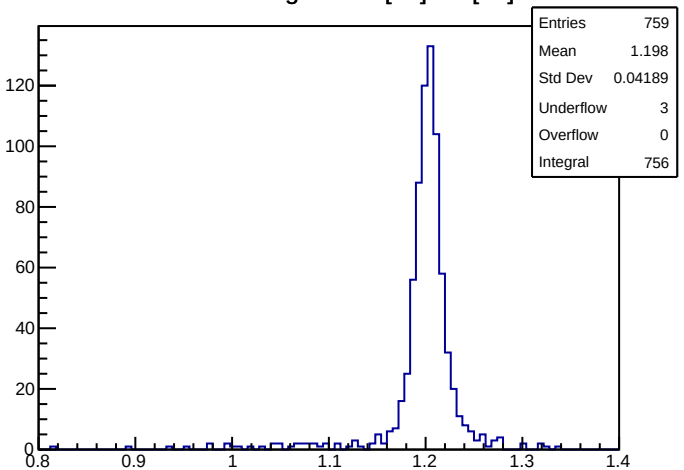

sftx all Sch[47]-Tof[18]
Entries 329
Mean 213.1
Std Dev 14.99
Underflow 1
Overflow 0
Integral 328

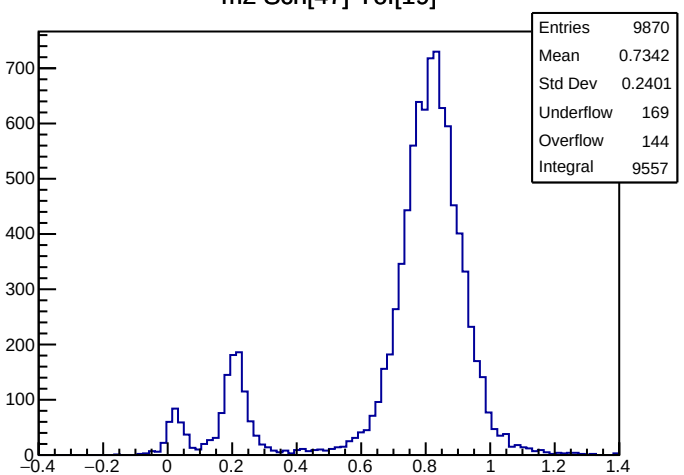

MissMass Sigma Sch[47]-Tof[18]
Entries 345
Mean 1.214
Std Dev 0.04344
Underflow 3
Overflow 0
Integral 342

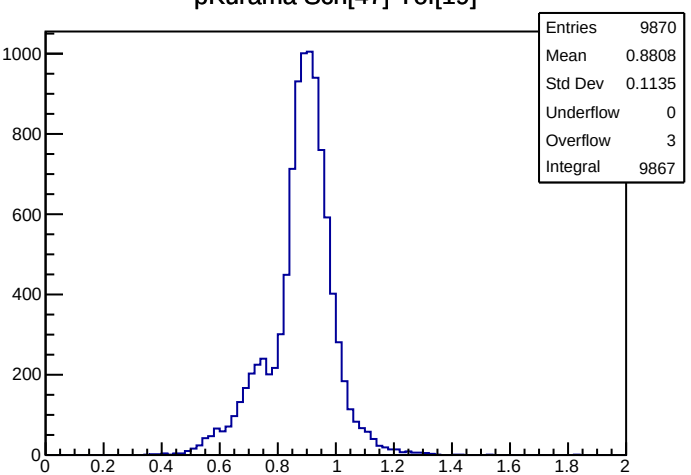

m2 Sch[47]-Tof[18]
Entries 2564
Mean 0.3727
Std Dev 0.3623
Underflow 74
Overflow 46
Integral 2444

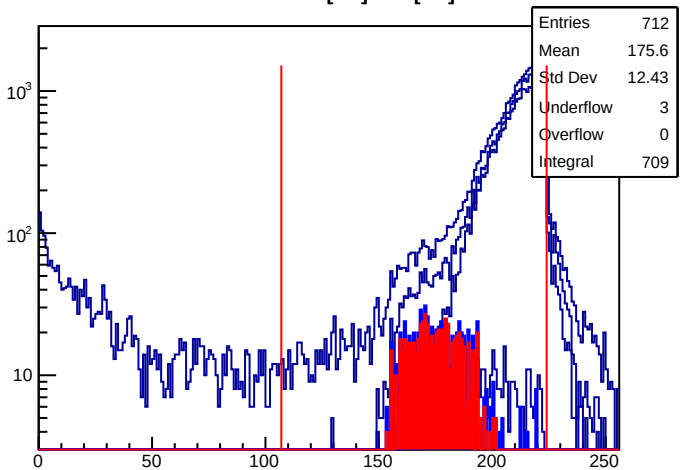

pKurama Sch[47]-Tof[18]
Entries 2564
Mean 0.7073
Std Dev 0.1418
Underflow 0
Overflow 0
Integral 2564

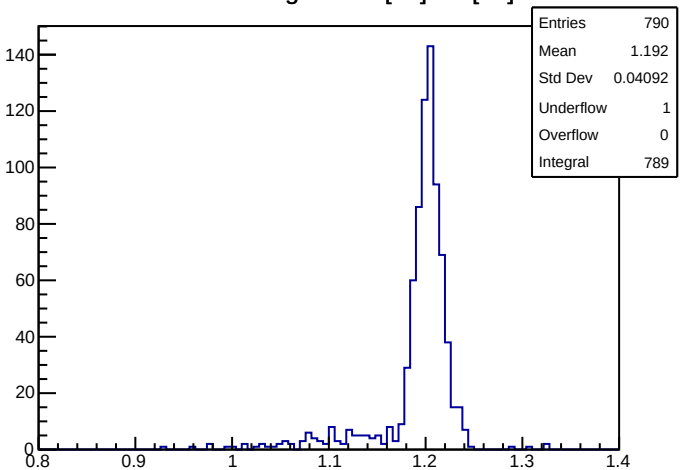

sftx all Sch[47]-Tof[19]
Entries 718
Mean 198.5
Std Dev 14.68
Underflow 1
Overflow 0
Integral 717
10^2
10
1
0
50
100
150
200
250

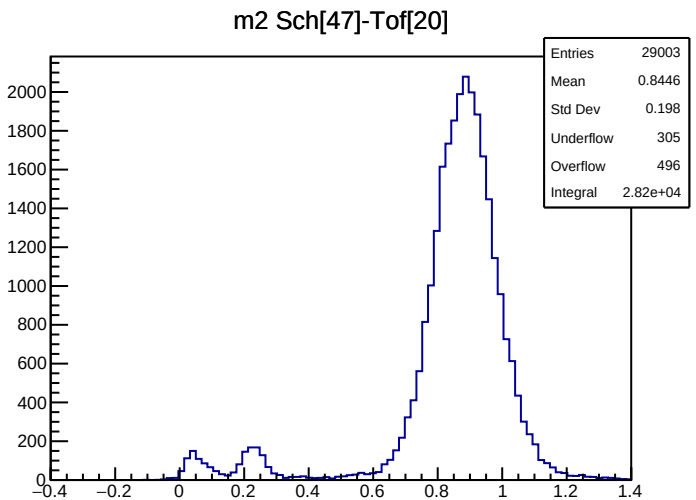

MissMass Sigma Sch[47]-Tof[19]
Entries 759
Mean 1.198
Std Dev 0.04189
Underflow 3
Overflow 0
Integral 756
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4

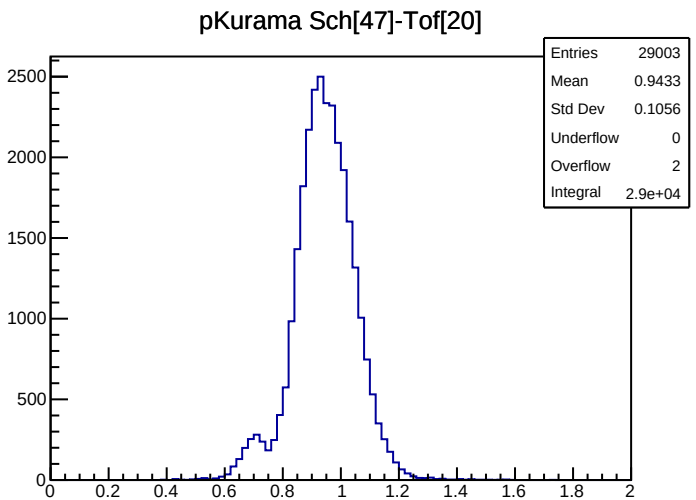

m2 Sch[47]-Tof[19]
Entries 9870
Mean 0.7342
Std Dev 0.2401
Underflow 169
Overflow 144
Integral 9557
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

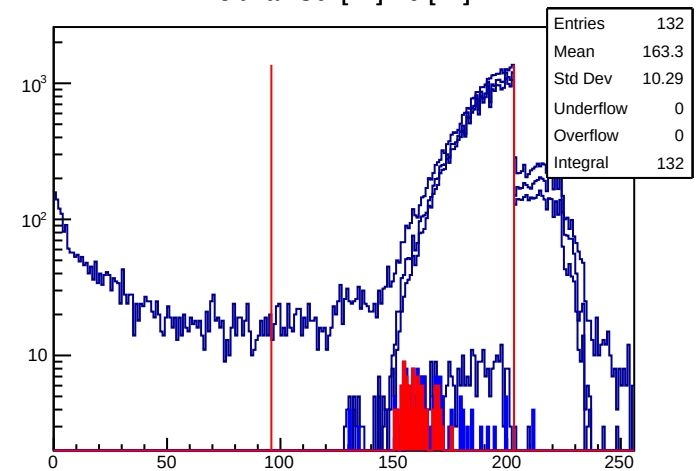

pKurama Sch[47]-Tof[19]
Entries 9870
Mean 0.8808
Std Dev 0.1135
Underflow 0
Overflow 3
Integral 9867
1000
800
600
400
200
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

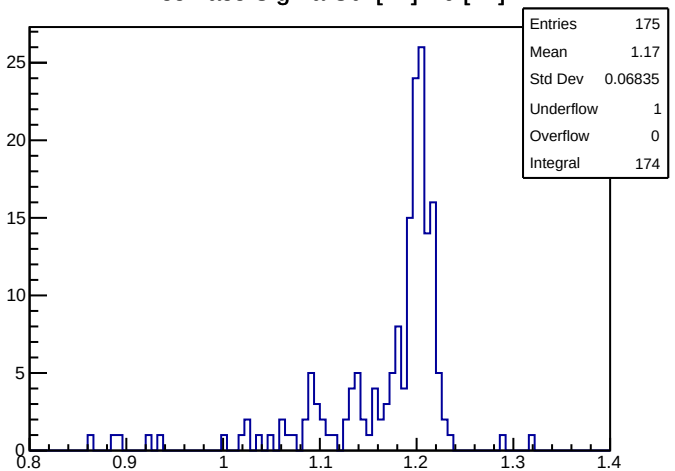

sftx all Sch[47]-Tof[20]
Entries 712
Mean 175.6
Std Dev 12.43
Underflow 3
Overflow 0
Integral 709

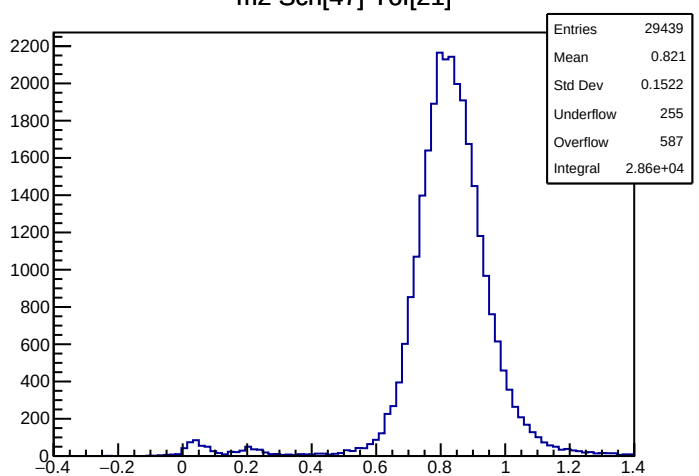

MissMass Sigma Sch[47]-Tof[20]
Entries 790
Mean 1.192
Std Dev 0.04092
Underflow 1
Overflow 0
Integral 789

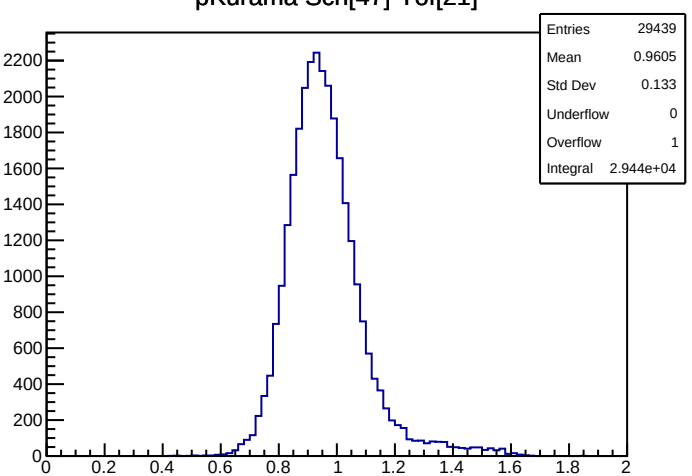

m2 Sch[47]-Tof[20]
Entries 29003
Mean 0.8446
Std Dev 0.198
Underflow 305
Overflow 496
Integral 2.82e+04

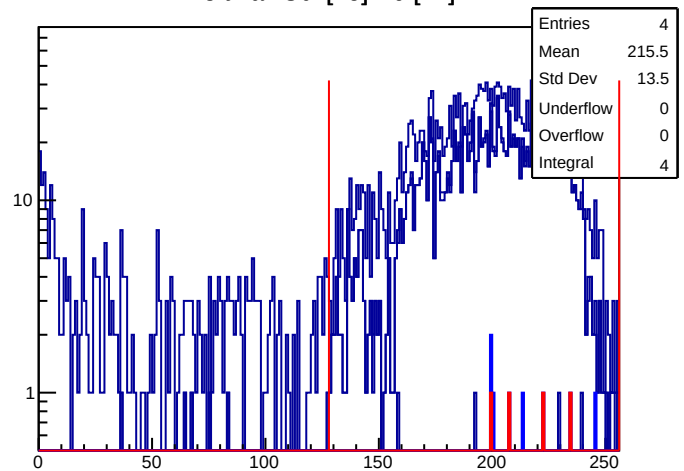

pKurama Sch[47]-Tof[20]
Entries 29003
Mean 0.9433
Std Dev 0.1056
Underflow 0
Overflow 2
Integral 2.9e+04

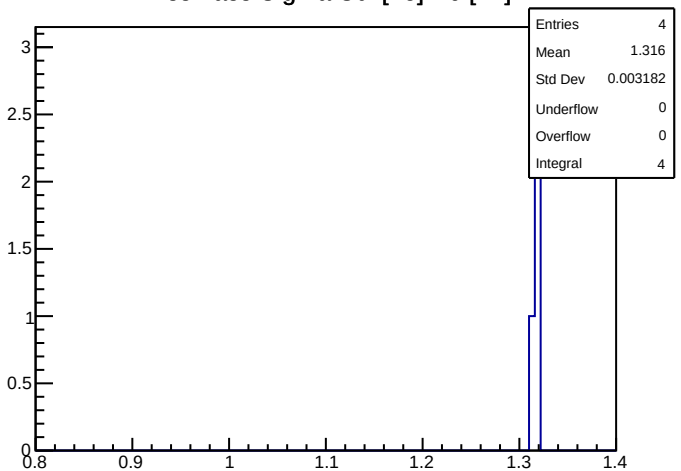

sftx all Sch[47]-Tof[21]
Entries 132
Mean 163.3
Std Dev 10.29
Underflow 0
Overflow 0
Integral 132

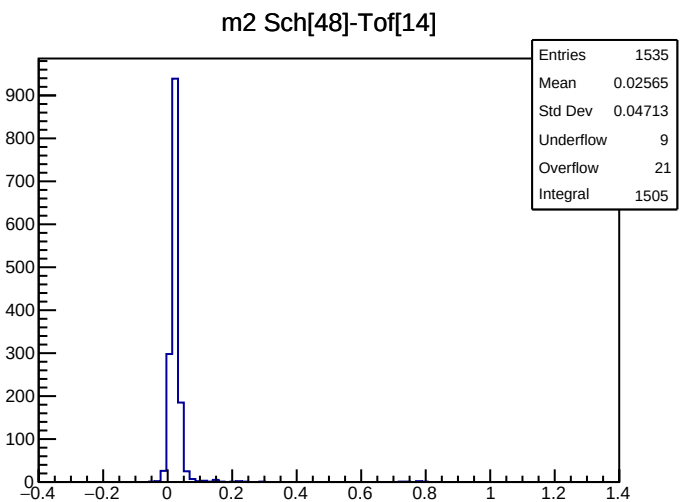

MissMass Sigma Sch[47]-Tof[21]
Entries 175
Mean 1.17
Std Dev 0.06835
Underflow 1
Overflow 0
Integral 174

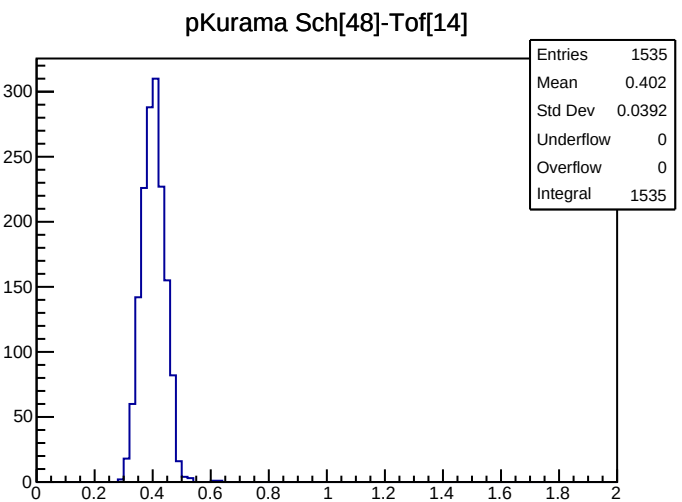

m2 Sch[47]-Tof[21]
Entries 29439
Mean 0.821
Std Dev 0.1522
Underflow 255
Overflow 587
Integral 2.86e+04

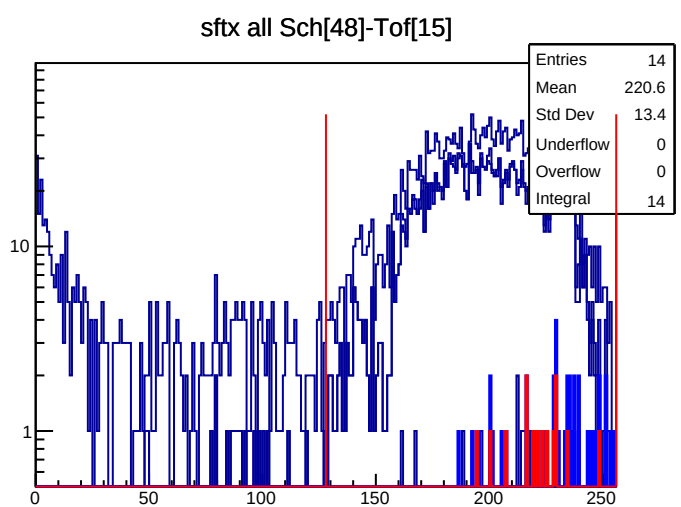

pKurama Sch[47]-Tof[21]
Entries 29439
Mean 0.9605
Std Dev 0.133
Underflow 0
Overflow 1
Integral 2.944e+04

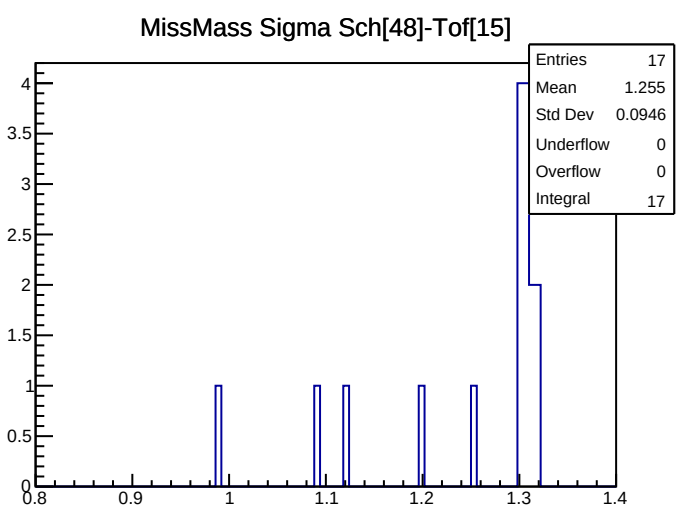

sftx all Sch[48]-Tof[14]
Entries 4
Mean 215.5
Std Dev 13.5
Underflow 0
Overflow 0
Integral 4
10
1
0
50
100
150
200
250

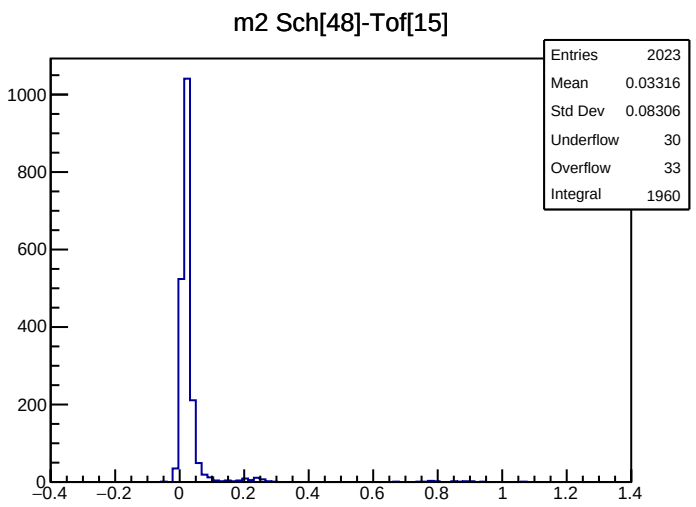

MissMass Sigma Sch[48]-Tof[14]
Entries 4
Mean 1.316
Std Dev 0.003182
Underflow 0
Overflow 0
Integral 4
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

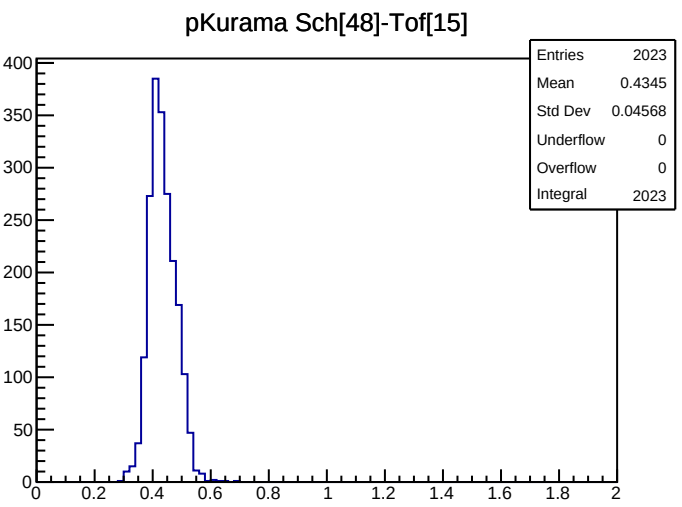

m2 Sch[48]-Tof[14]
Entries 1535
Mean 0.02565
Std Dev 0.04713
Underflow 9
Overflow 21
Integral 1505
900
800
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

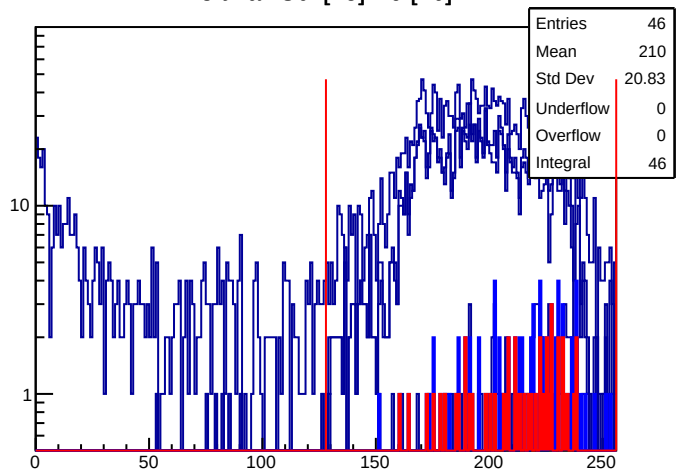

pKurama Sch[48]-Tof[14]
Entries 1535
Mean 0.402
Std Dev 0.0392
Underflow 0
Overflow 0
Integral 1535
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

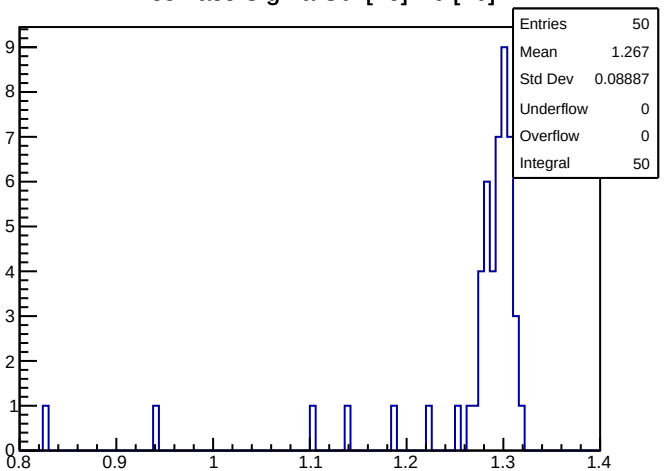

sftx all Sch[48]-Tof[15]
Entries 14
Mean 220.6
Std Dev 13.4
Underflow 0
Overflow 0
Integral 14

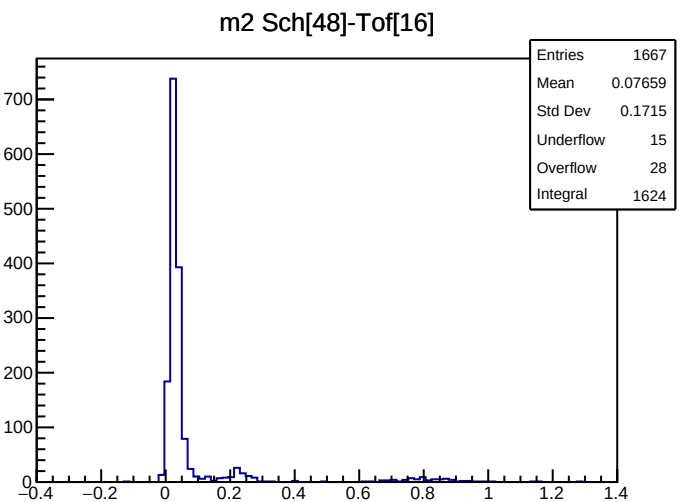

MissMass Sigma Sch[48]-Tof[15]
Entries 17
Mean 1.255
Std Dev 0.0946
Underflow 0
Overflow 0
Integral 17

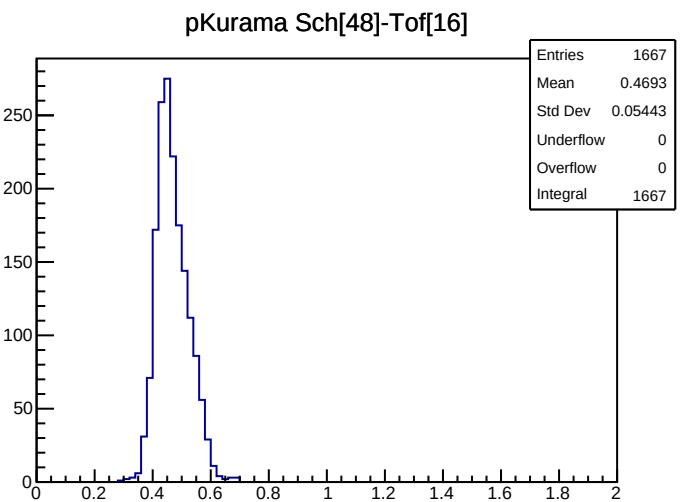

m2 Sch[48]-Tof[15]
Entries 2023
Mean 0.03316
Std Dev 0.08306
Underflow 30
Overflow 33
Integral 1960

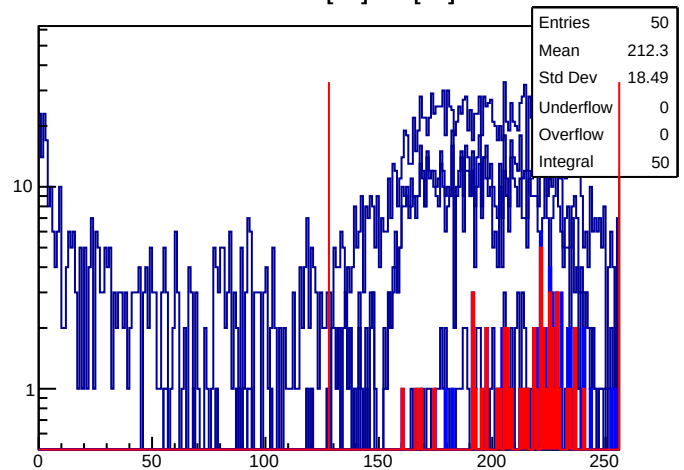

pKurama Sch[48]-Tof[15]
Entries 2023
Mean 0.4345
Std Dev 0.04568
Underflow 0
Overflow 0
Integral 2023

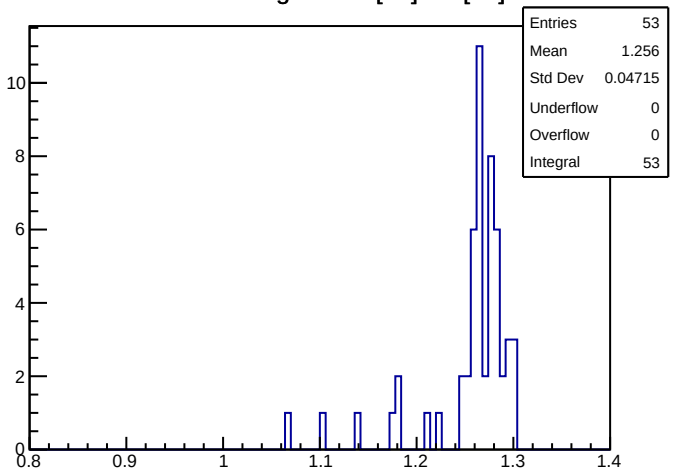

sftx all Sch[48]-Tof[16]
Entries 46
Mean 210
Std Dev 20.83
Underflow 0
Overflow 0
Integral 46
10
1
0
50
100
150
200
250

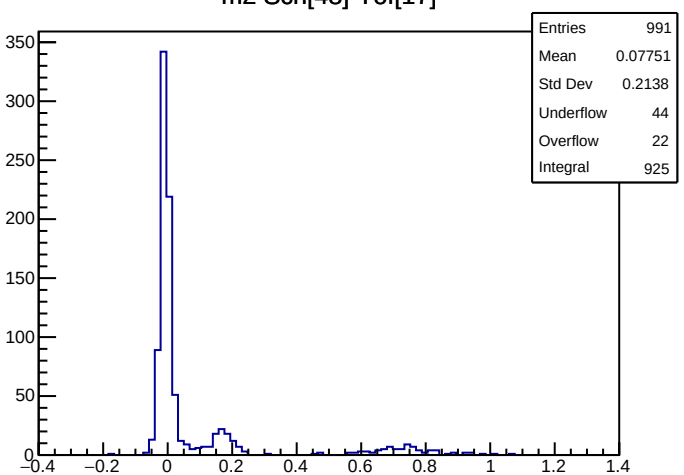

MissMass Sigma Sch[48]-Tof[16]
Entries 50
Mean 1.267
Std Dev 0.08887
Underflow 0
Overflow 0
Integral 50
9
8
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

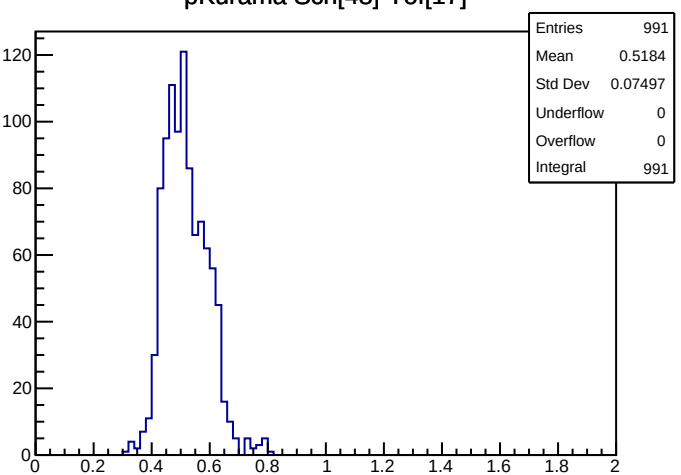

m2 Sch[48]-Tof[16]
Entries 1667
Mean 0.07659
Std Dev 0.1715
Underflow 15
Overflow 28
Integral 1624
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

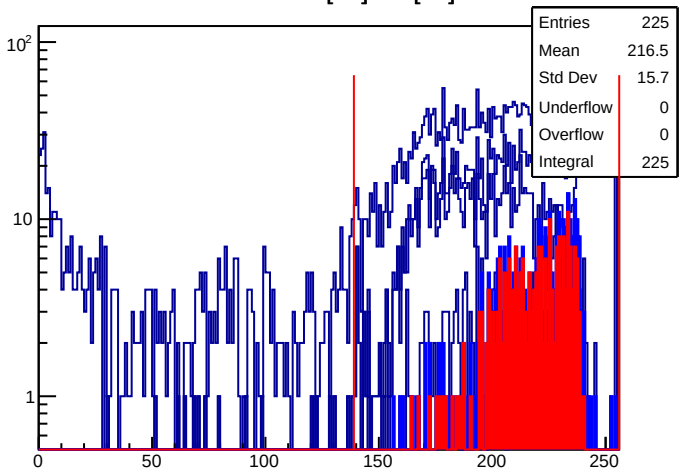

pKurama Sch[48]-Tof[16]
Entries 1667
Mean 0.4693
Std Dev 0.05443
Underflow 0
Overflow 0
Integral 1667
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

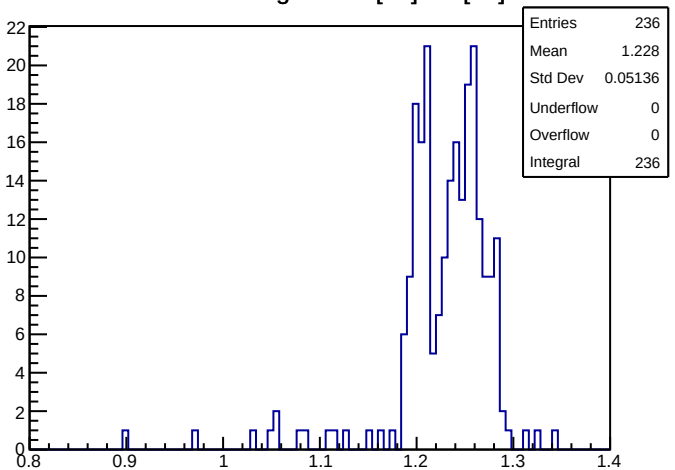

sftx all Sch[48]-Tof[17]
Entries 50
Mean 212.3
Std Dev 18.49
Underflow 0
Overflow 0
Integral 50
10
1
0
50
100
150
200
250

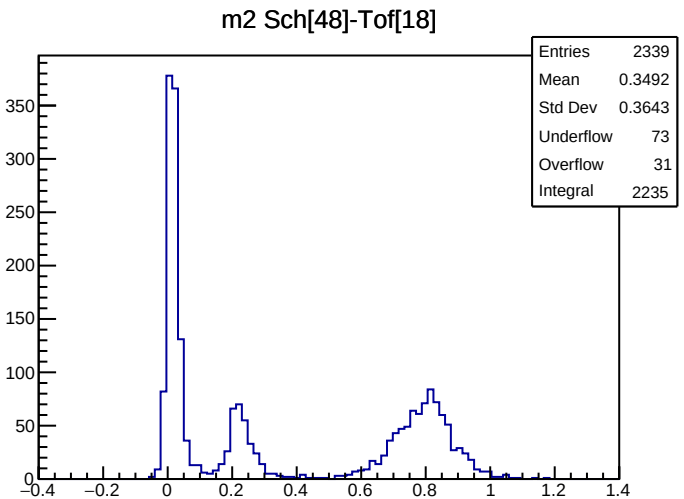

MissMass Sigma Sch[48]-Tof[17]
Entries 53
Mean 1.256
Std Dev 0.04715
Underflow 0
Overflow 0
Integral 53
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

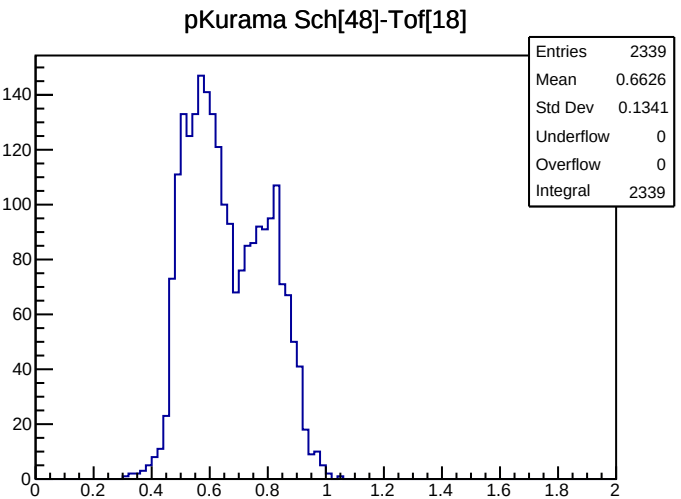

m2 Sch[48]-Tof[17]
Entries 991
Mean 0.07751
Std Dev 0.2138
Underflow 44
Overflow 22
Integral 925
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

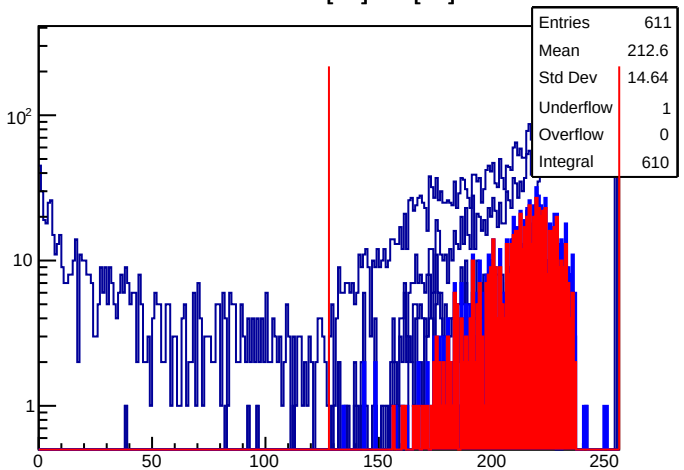

pKurama Sch[48]-Tof[17]
Entries 991
Mean 0.5184
Std Dev 0.07497
Underflow 0
Overflow 0
Integral 991
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

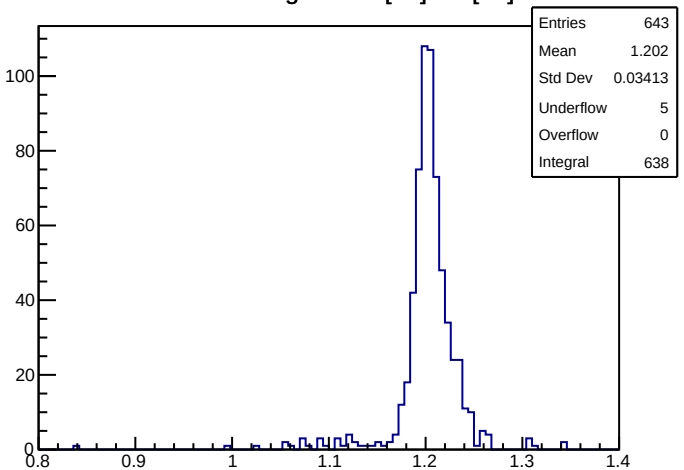

sftx all Sch[48]-Tof[18]
Entries 225
Mean 216.5
Std Dev 15.7
Underflow 0
Overflow 0
Integral 225

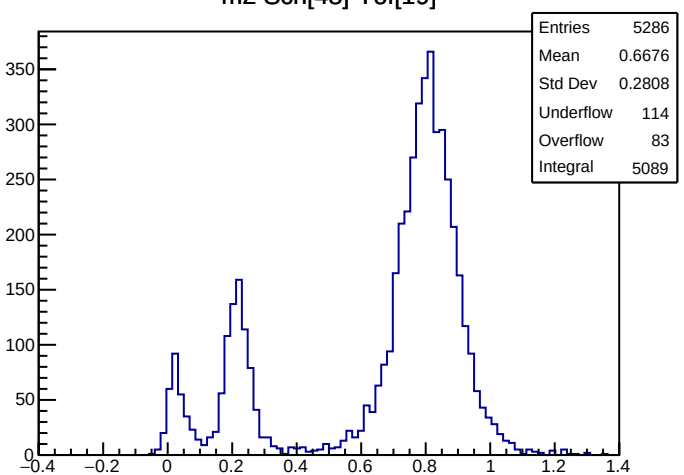

MissMass Sigma Sch[48]-Tof[18]
Entries 236
Mean 1.228
Std Dev 0.05136
Underflow 0
Overflow 0
Integral 236

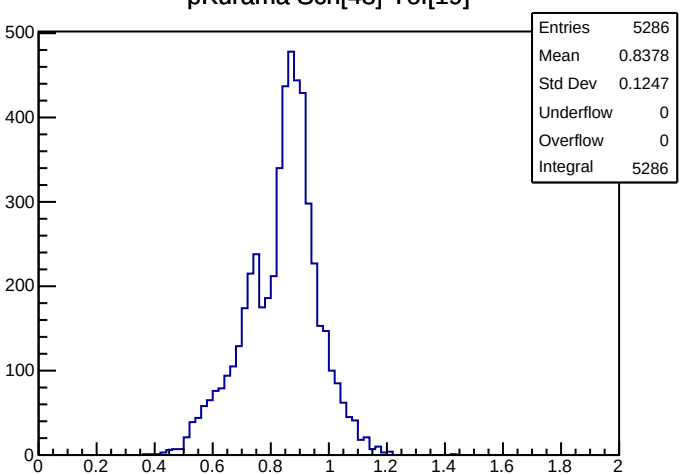

m2 Sch[48]-Tof[18]
Entries 2339
Mean 0.3492
Std Dev 0.3643
Underflow 73
Overflow 31
Integral 2235

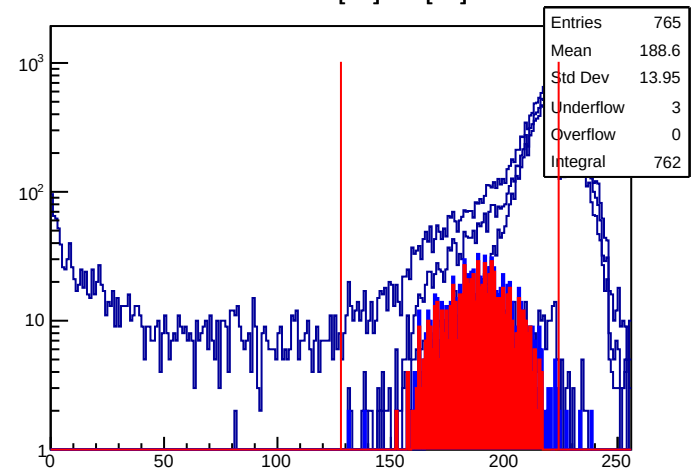

pKurama Sch[48]-Tof[18]
Entries 2339
Mean 0.6626
Std Dev 0.1341
Underflow 0
Overflow 0
Integral 2339

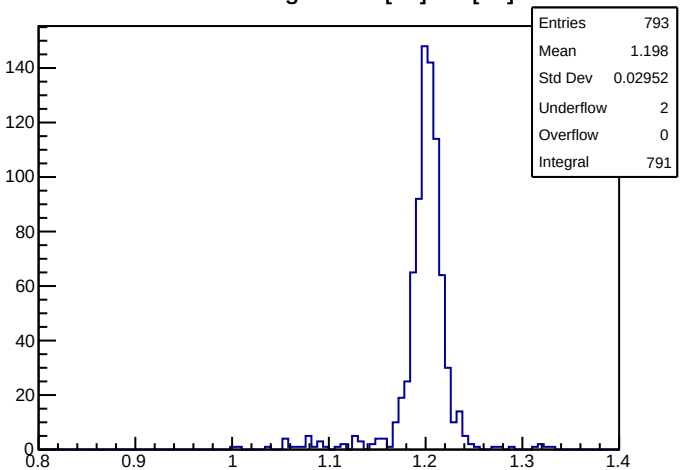

sftx all Sch[48]-Tof[19]
Entries 611
Mean 212.6
Std Dev 14.64
Underflow 1
Overflow 0
Integral 610
10^2
10
1
0
50
100
150
200
250

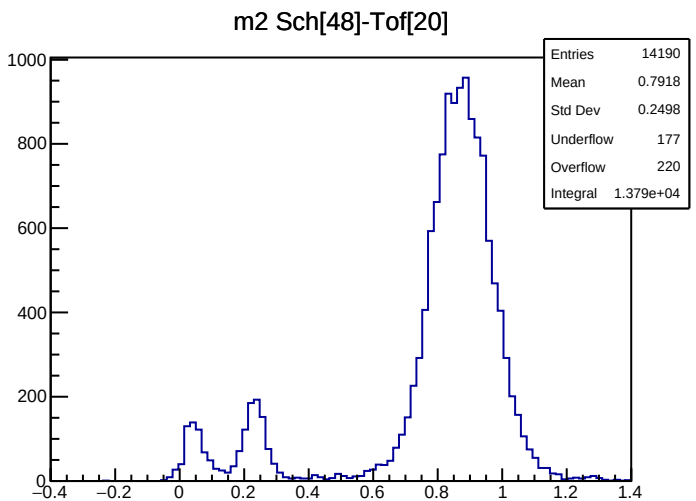

MissMass Sigma Sch[48]-Tof[19]
Entries 643
Mean 1.202
Std Dev 0.03413
Underflow 5
Overflow 0
Integral 638
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4

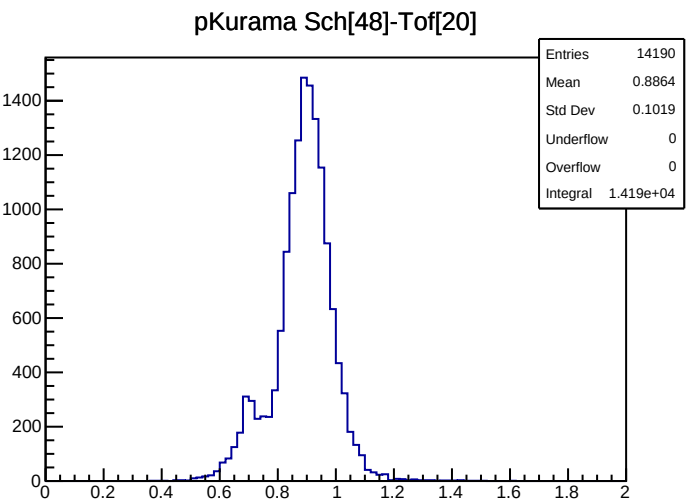

m2 Sch[48]-Tof[19]
Entries 5286
Mean 0.6676
Std Dev 0.2808
Underflow 114
Overflow 83
Integral 5089
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

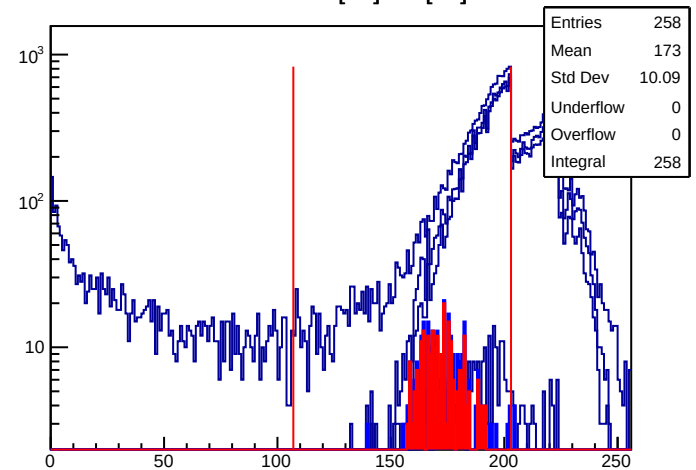

pKurama Sch[48]-Tof[19]
Entries 5286
Mean 0.8378
Std Dev 0.1247
Underflow 0
Overflow 0
Integral 5286
500
400
300
200
100
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

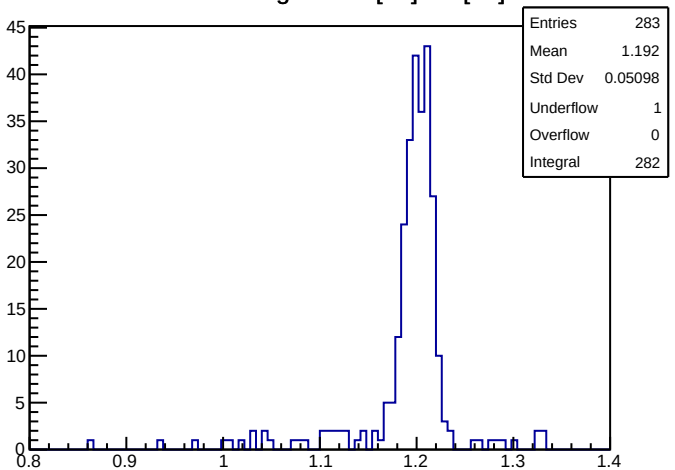

sftx all Sch[48]-Tof[20]
Entries 765
Mean 188.6
Std Dev 13.95
Underflow 3
Overflow 0
Integral 762

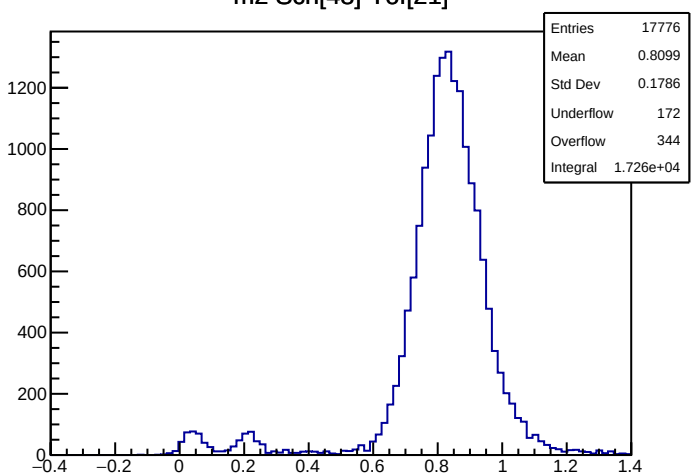

MissMass Sigma Sch[48]-Tof[20]
Entries 793
Mean 1.198
Std Dev 0.02952
Underflow 2
Overflow 0
Integral 791

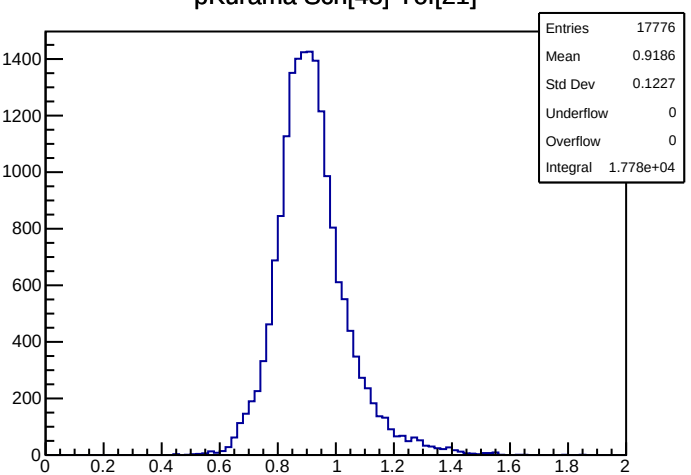

m2 Sch[48]-Tof[20]
Entries 14190
Mean 0.7918
Std Dev 0.2498
Underflow 177
Overflow 220
Integral 1.379e+04

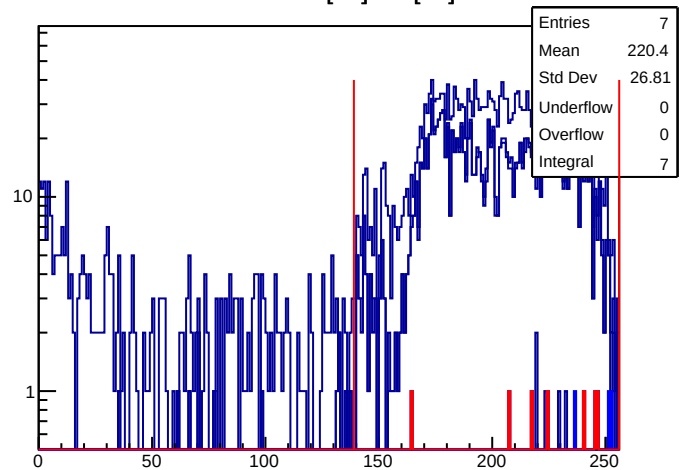

pKurama Sch[48]-Tof[20]
Entries 14190
Mean 0.8864
Std Dev 0.1019
Underflow 0
Overflow 0
Integral 1.419e+04

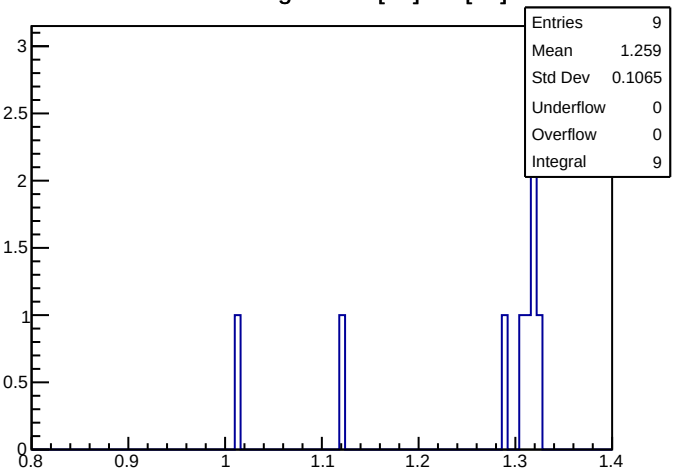

sftx all Sch[48]-Tof[21]
Entries 258
Mean 173
Std Dev 10.09
Underflow 0
Overflow 0
Integral 258

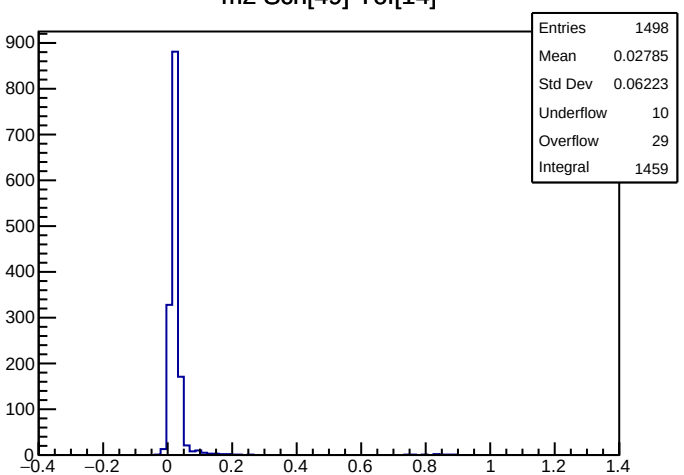

MissMass Sigma Sch[48]-Tof[21]
Entries 283
Mean 1.192
Std Dev 0.05098
Underflow 1
Overflow 0
Integral 282

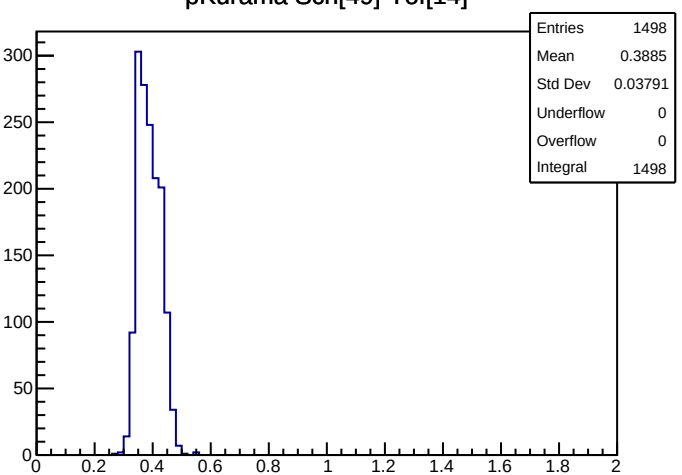

m2 Sch[48]-Tof[21]
Entries 17776
Mean 0.8099
Std Dev 0.1786
Underflow 172
Overflow 344
Integral 1.726e+04

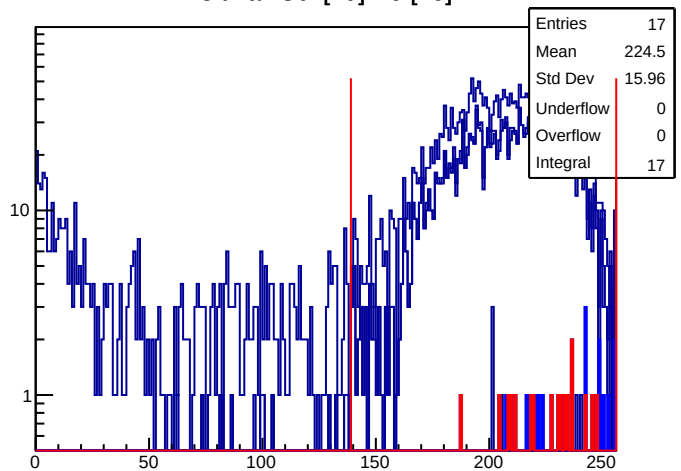

pKurama Sch[48]-Tof[21]
Entries 17776
Mean 0.9186
Std Dev 0.1227
Underflow 0
Overflow 0
Integral 1.778e+04

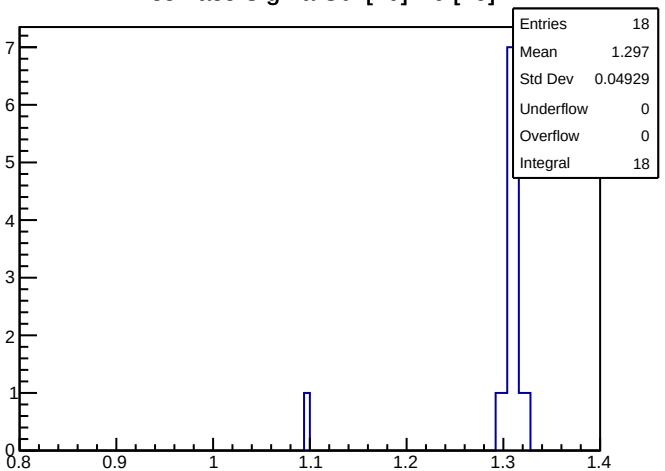

sftx all Sch[49]-Tof[14]
Entries 7
Mean 220.4
Std Dev 26.81
Underflow 0
Overflow 0
Integral 7

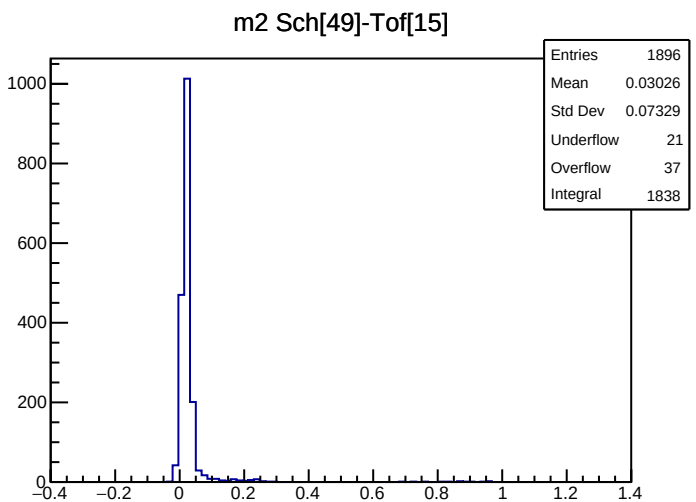

MissMass Sigma Sch[49]-Tof[14]
Entries 9
Mean 1.259
Std Dev 0.1065
Underflow 0
Overflow 0
Integral 9

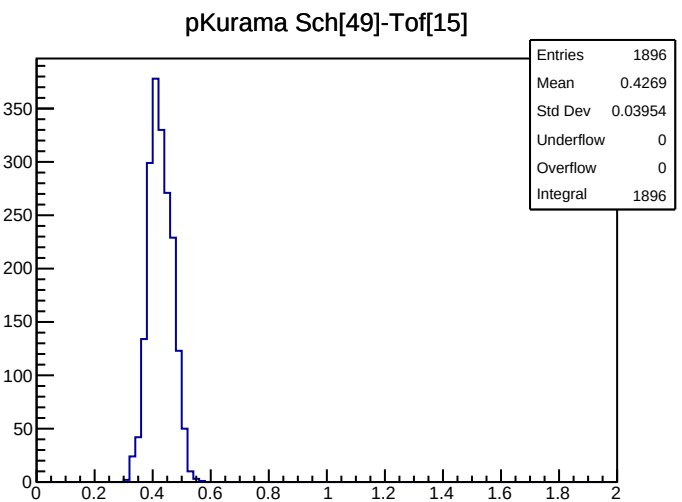

m2 Sch[49]-Tof[14]
Entries 1498
Mean 0.02785
Std Dev 0.06223
Underflow 10
Overflow 29
Integral 1459

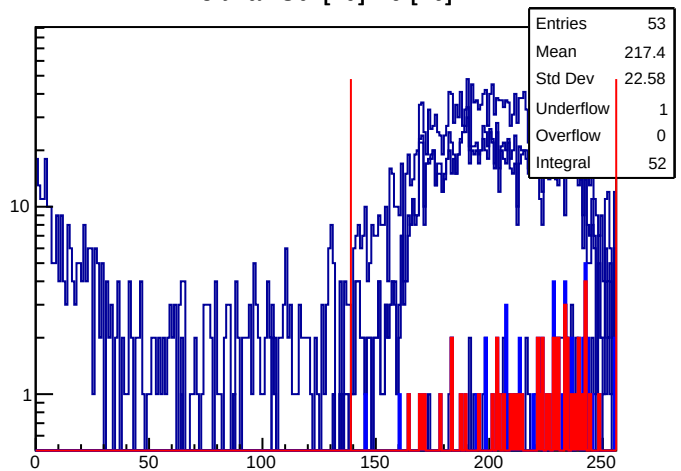

pKurama Sch[49]-Tof[14]
Entries 1498
Mean 0.3885
Std Dev 0.03791
Underflow 0
Overflow 0
Integral 1498

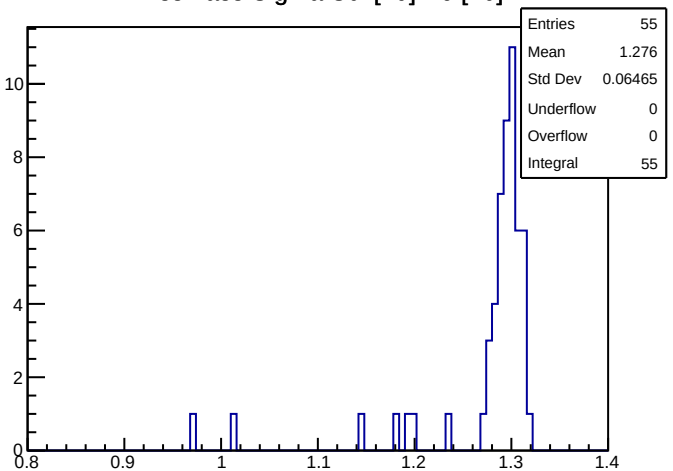

sftx all Sch[49]-Tof[15]
Entries 17
Mean 224.5
Std Dev 15.96
Underflow 0
Overflow 0
Integral 17

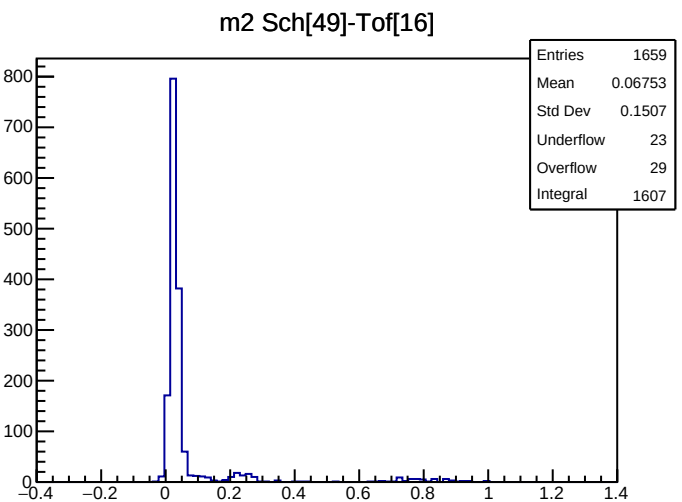

MissMass Sigma Sch[49]-Tof[15]
Entries 18
Mean 1.297
Std Dev 0.04929
Underflow 0
Overflow 0
Integral 18

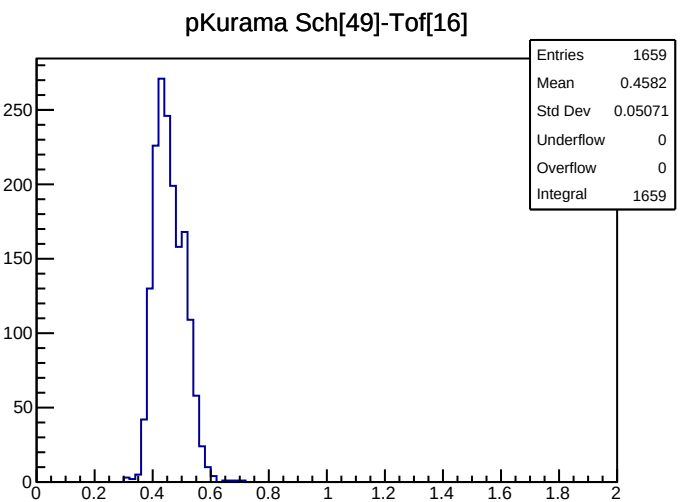

m2 Sch[49]-Tof[15]
Entries 1896
Mean 0.03026
Std Dev 0.07329
Underflow 21
Overflow 37
Integral 1838

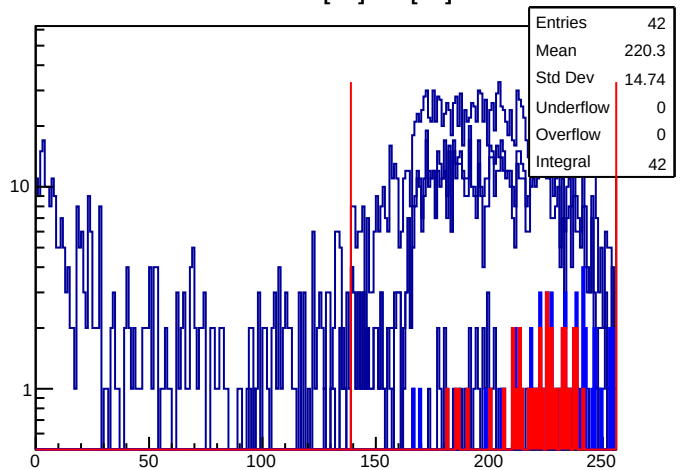

pKurama Sch[49]-Tof[15]
Entries 1896
Mean 0.4269
Std Dev 0.03954
Underflow 0
Overflow 0
Integral 1896

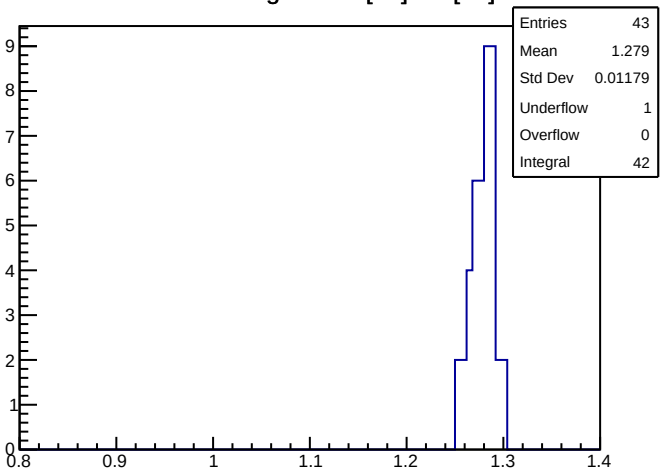

sftx all Sch[49]-Tof[16]
Entries 53
Mean 217.4
Std Dev 22.58
Underflow 1
Overflow 0
Integral 52

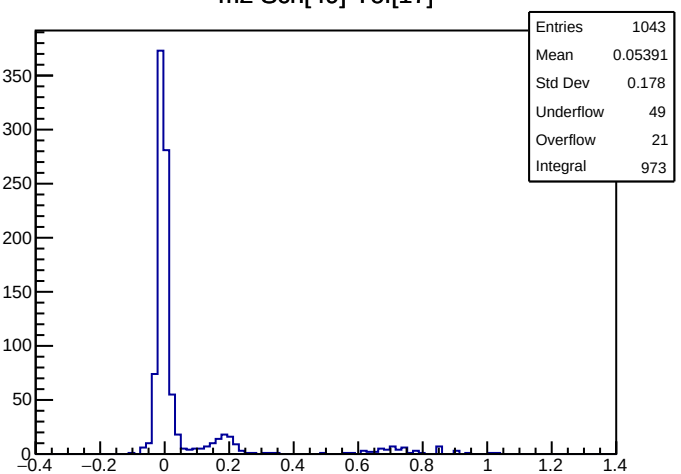

MissMass Sigma Sch[49]-Tof[16]
Entries 55
Mean 1.276
Std Dev 0.06465
Underflow 0
Overflow 0
Integral 55

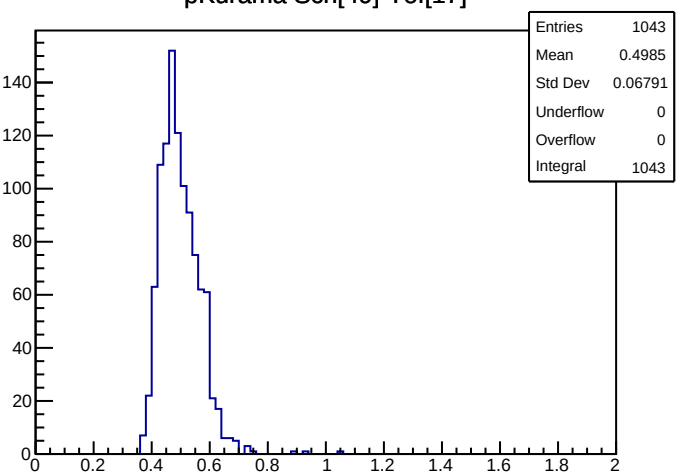

m2 Sch[49]-Tof[16]
Entries 1659
Mean 0.06753
Std Dev 0.1507
Underflow 23
Overflow 29
Integral 1607

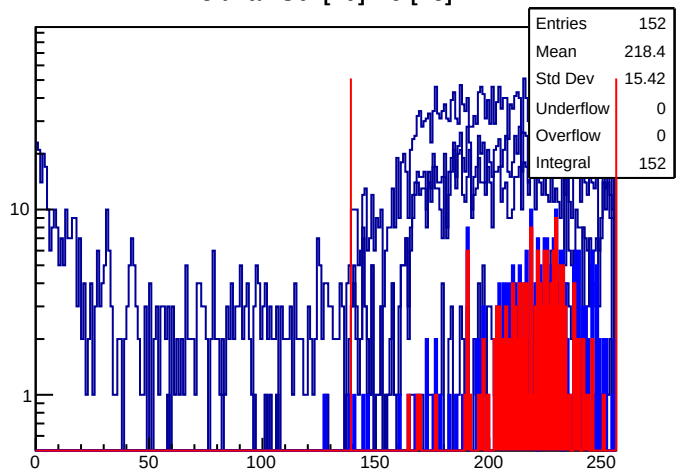

pKurama Sch[49]-Tof[16]
Entries 1659
Mean 0.4582
Std Dev 0.05071
Underflow 0
Overflow 0
Integral 1659

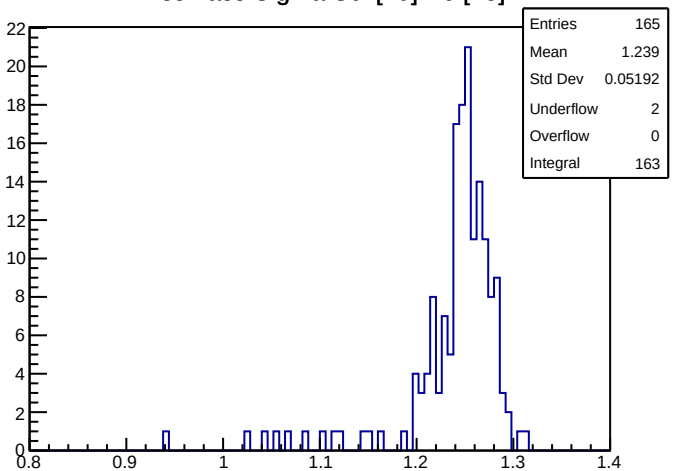

sftx all Sch[49]-Tof[17]
Entries 42
Mean 220.3
Std Dev 14.74
Underflow 0
Overflow 0
Integral 42
10
1
0
50
100
150
200
250

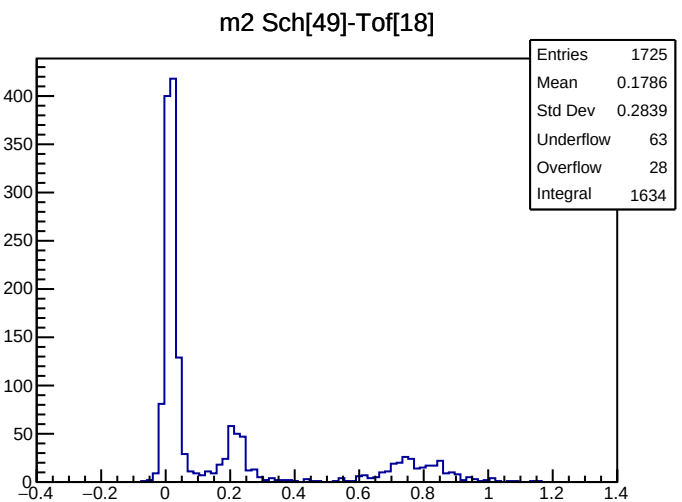

MissMass Sigma Sch[49]-Tof[17]
Entries 43
Mean 1.279
Std Dev 0.01179
Underflow 1
Overflow 0
Integral 42
0
1
2
3
4
5
6
7
8
9
0.8
0.9
1
1.1
1.2
1.3
1.4

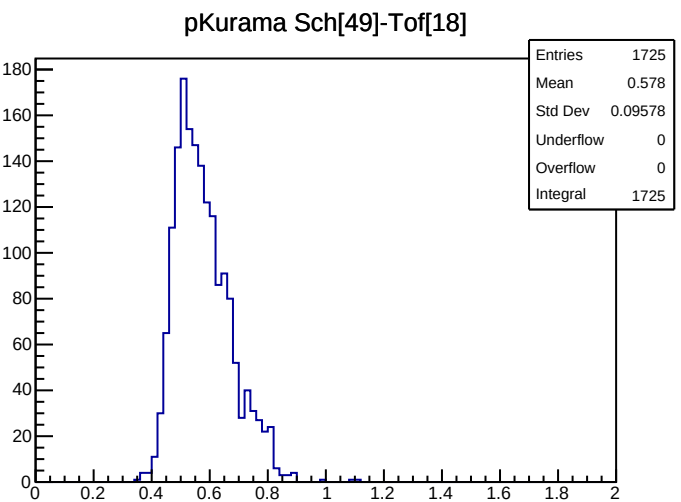

m2 Sch[49]-Tof[17]
Entries 1043
Mean 0.05391
Std Dev 0.178
Underflow 49
Overflow 21
Integral 973
0
50
100
150
200
250
300
350
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

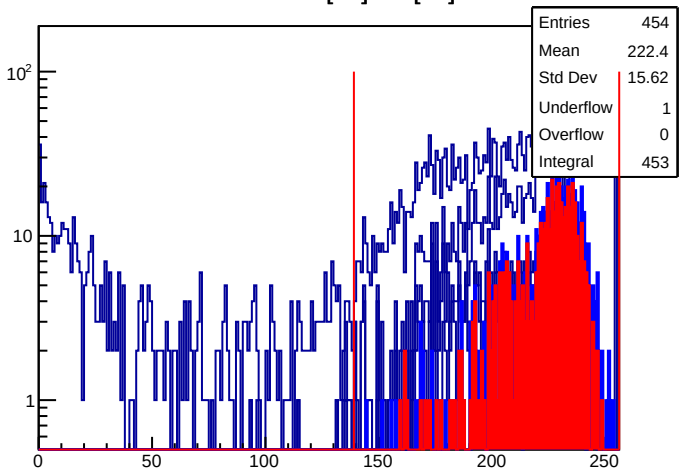

pKurama Sch[49]-Tof[17]
Entries 1043
Mean 0.4985
Std Dev 0.06791
Underflow 0
Overflow 0
Integral 1043
0
20
40
60
80
100
120
140
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

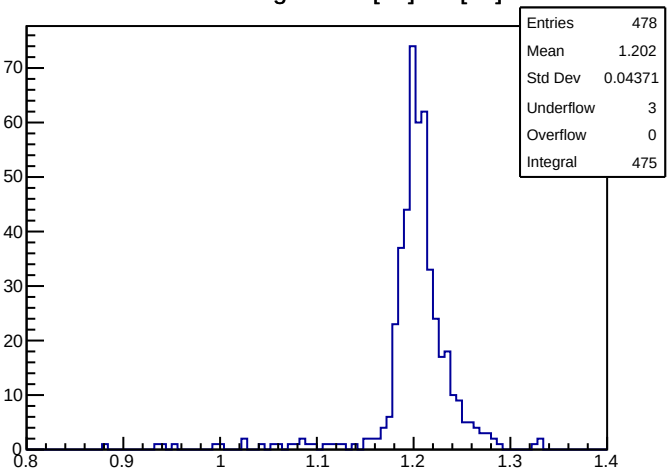

sftx all Sch[49]-Tof[18]
Entries 152
Mean 218.4
Std Dev 15.42
Underflow 0
Overflow 0
Integral 152
10
1
0
50
100
150
200
250

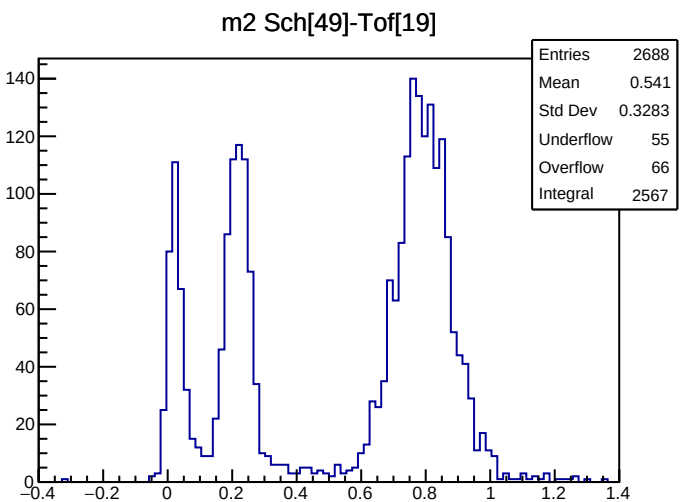

MissMass Sigma Sch[49]-Tof[18]
Entries 165
Mean 1.239
Std Dev 0.05192
Underflow 2
Overflow 0
Integral 163
22
20
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

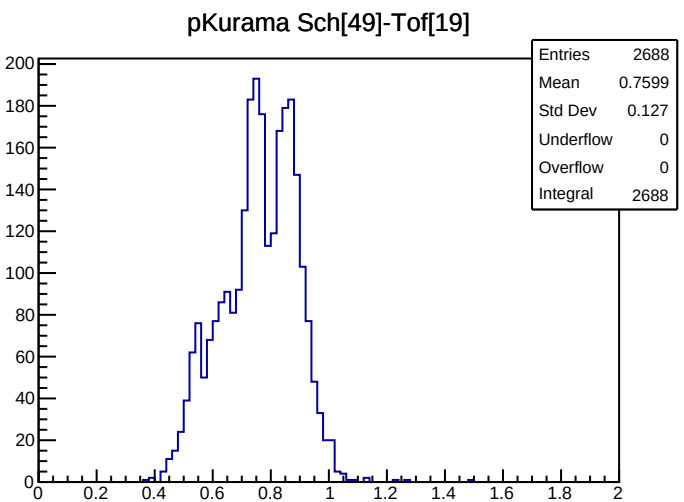

m2 Sch[49]-Tof[18]
Entries 1725
Mean 0.1786
Std Dev 0.2839
Underflow 63
Overflow 28
Integral 1634
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

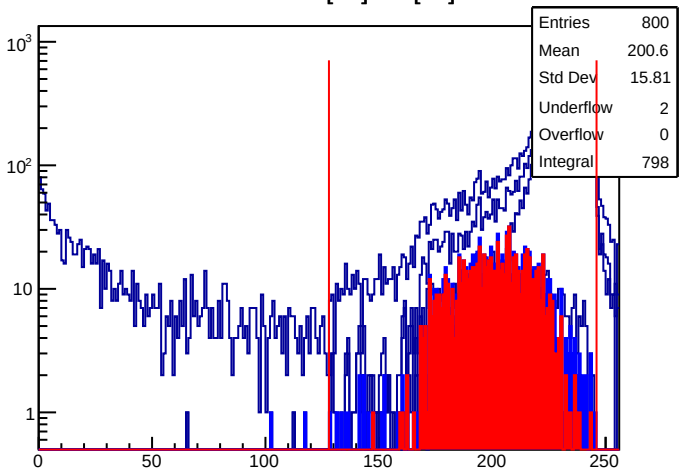

pKurama Sch[49]-Tof[18]
Entries 1725
Mean 0.578
Std Dev 0.09578
Underflow 0
Overflow 0
Integral 1725
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

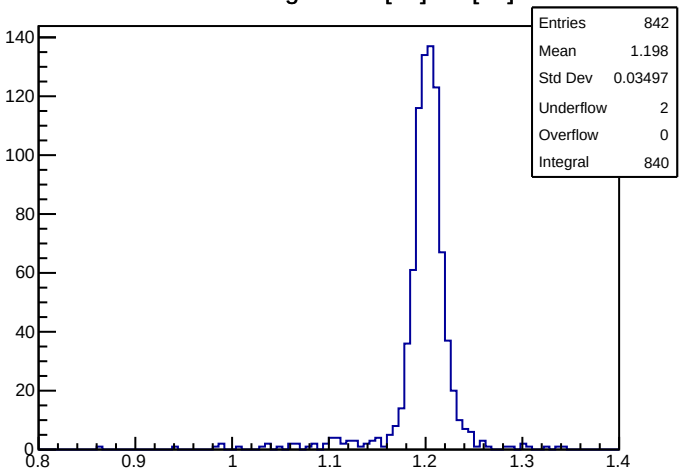

sftx all Sch[49]-Tof[19]
Entries 454
Mean 222.4
Std Dev 15.62
Underflow 1
Overflow 0
Integral 453

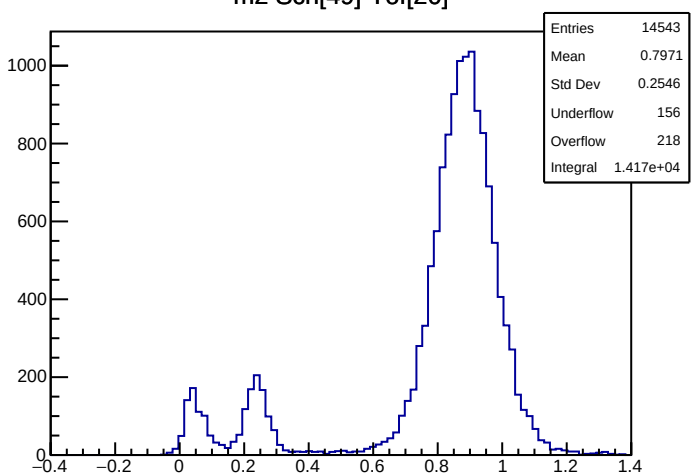

MissMass Sigma Sch[49]-Tof[19]
Entries 478
Mean 1.202
Std Dev 0.04371
Underflow 3
Overflow 0
Integral 475

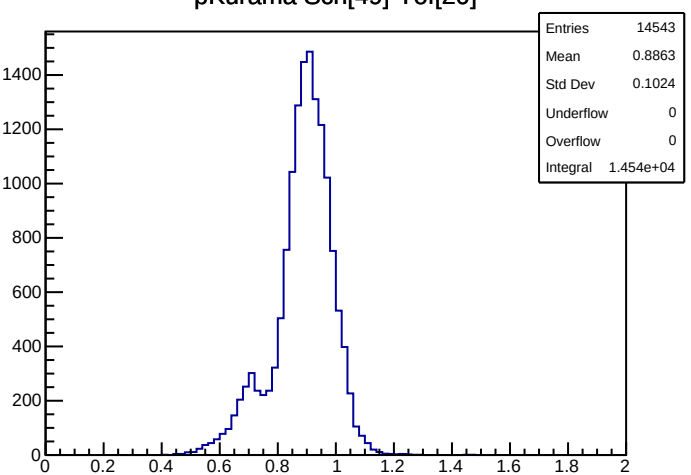

m2 Sch[49]-Tof[19]
Entries 2688
Mean 0.541
Std Dev 0.3283
Underflow 55
Overflow 66
Integral 2567

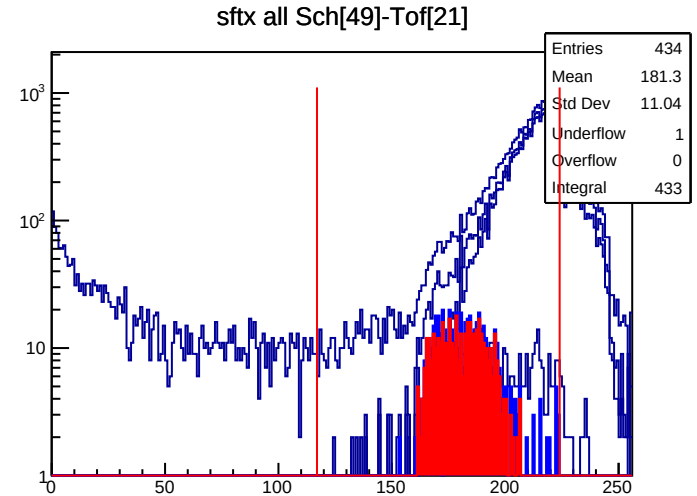

pKurama Sch[49]-Tof[19]
Entries 2688
Mean 0.7599
Std Dev 0.127
Underflow 0
Overflow 0
Integral 2688

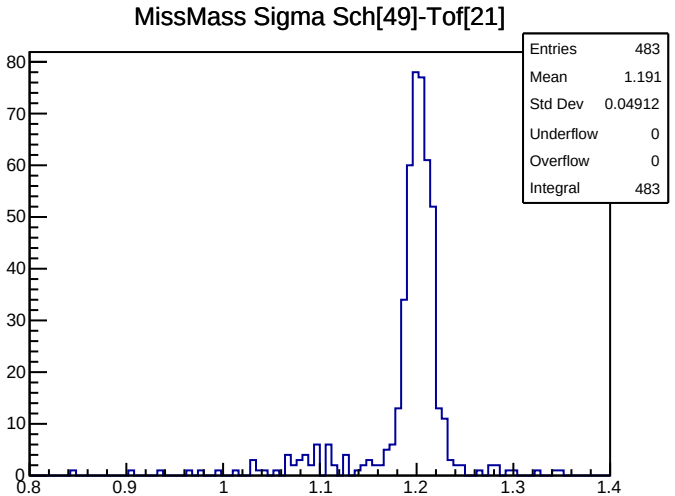

sftx all Sch[49]-Tof[20]
Entries 800
Mean 200.6
Std Dev 15.81
Underflow 2
Overflow 0
Integral 798

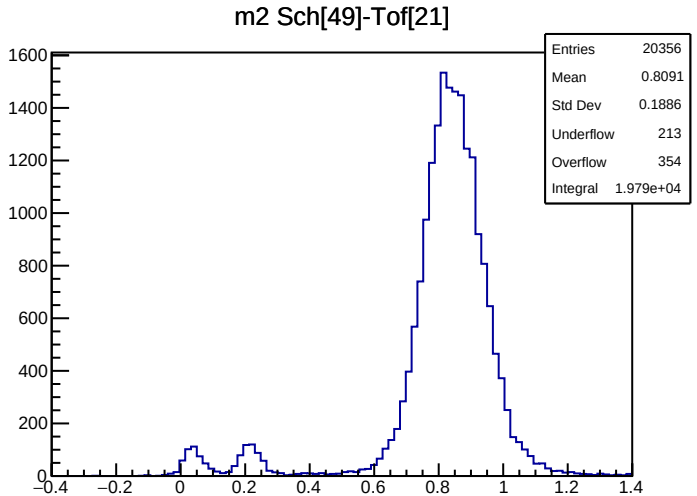

MissMass Sigma Sch[49]-Tof[20]
Entries 842
Mean 1.198
Std Dev 0.03497
Underflow 2
Overflow 0
Integral 840

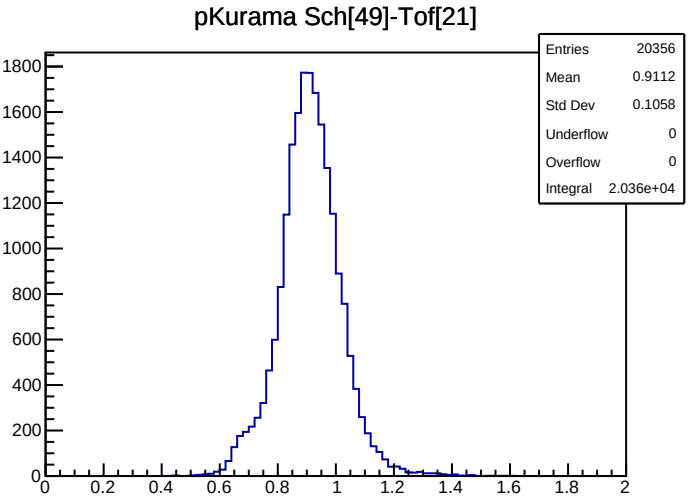

m2 Sch[49]-Tof[20]
Entries 14543
Mean 0.7971
Std Dev 0.2546
Underflow 156
Overflow 218
Integral 1.417e+04

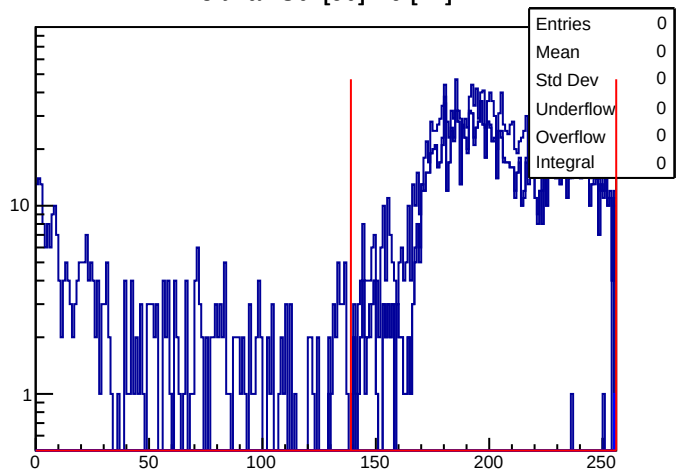

pKurama Sch[49]-Tof[20]
Entries 14543
Mean 0.8863
Std Dev 0.1024
Underflow 0
Overflow 0
Integral 1.454e+04

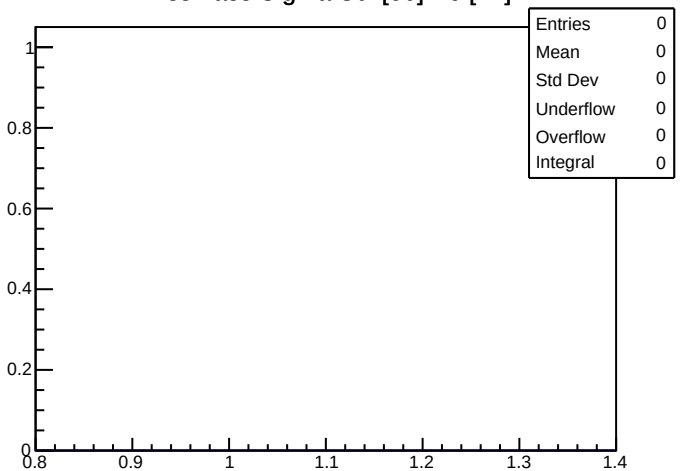

sftx all Sch[49]-Tof[21]
Entries 434
Mean 181.3
Std Dev 11.04
Underflow 1
Overflow 0
Integral 433

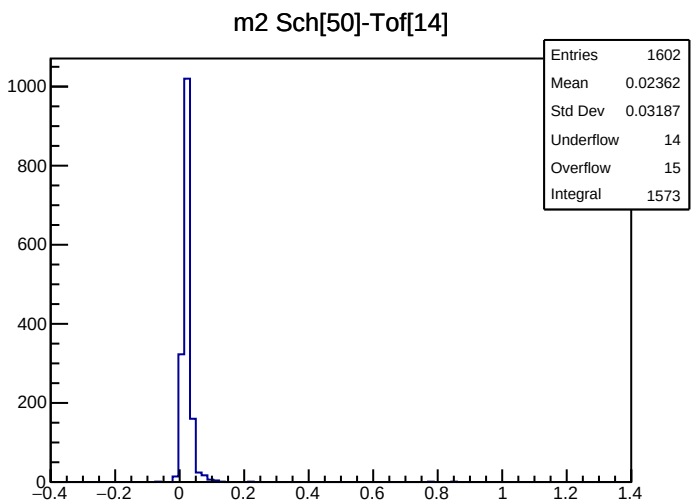

MissMass Sigma Sch[49]-Tof[21]
Entries 483
Mean 1.191
Std Dev 0.04912
Underflow 0
Overflow 0
Integral 483

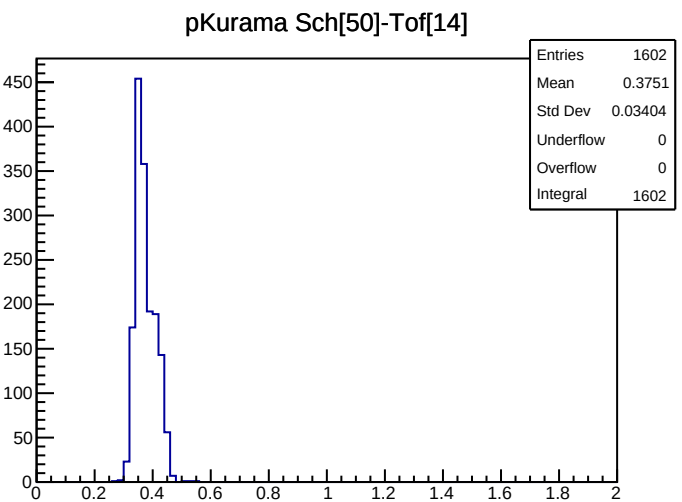

m2 Sch[49]-Tof[21]
Entries 20356
Mean 0.8091
Std Dev 0.1886
Underflow 213
Overflow 354
Integral 1.979e+04

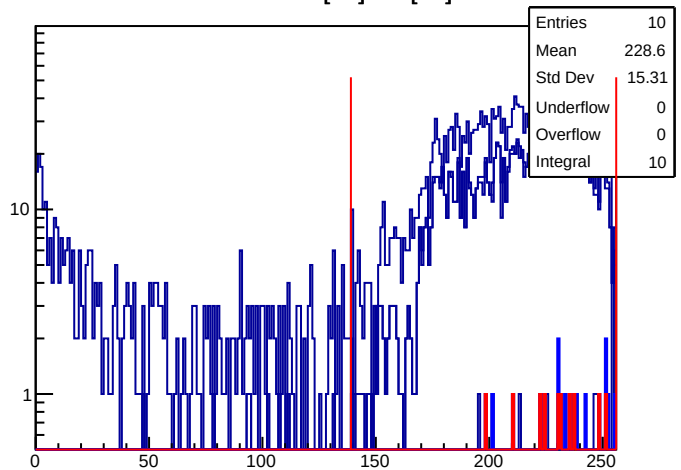

pKurama Sch[49]-Tof[21]
Entries 20356
Mean 0.9112
Std Dev 0.1058
Underflow 0
Overflow 0
Integral 2.036e+04

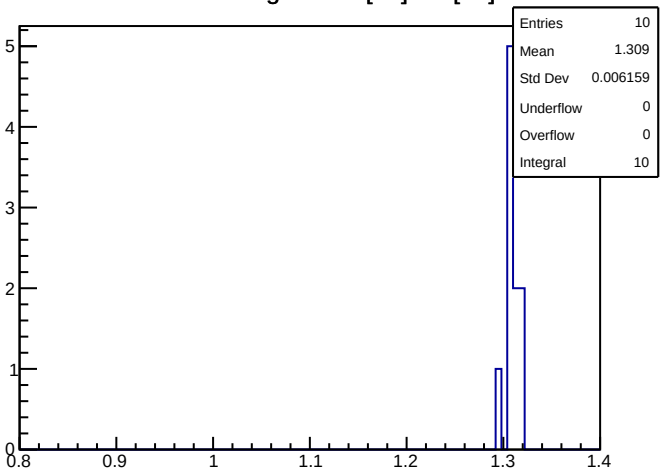

sftx all Sch[50]-Tof[14]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
10
1
0
50
100
150
200
250

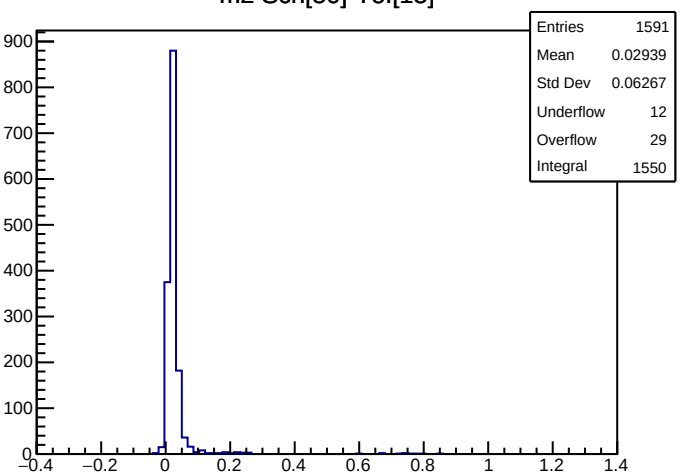

MissMass Sigma Sch[50]-Tof[14]
Entries 0
Mean 0
Std Dev 0
Underflow 0
Overflow 0
Integral 0
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

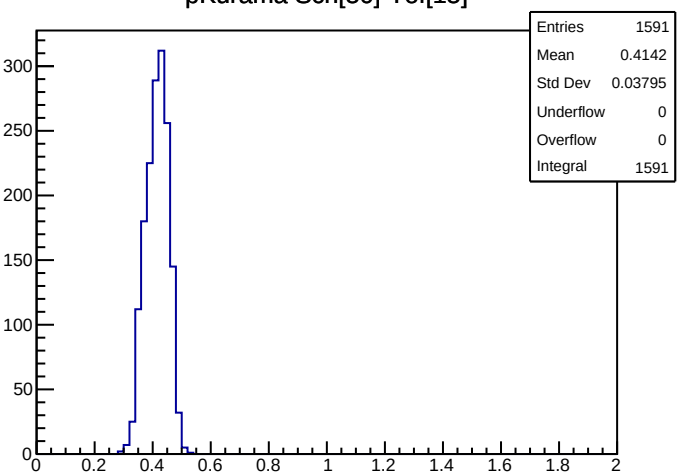

m2 Sch[50]-Tof[14]
Entries 1602
Mean 0.02362
Std Dev 0.03187
Underflow 14
Overflow 15
Integral 1573
1000
800
600
400
200
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

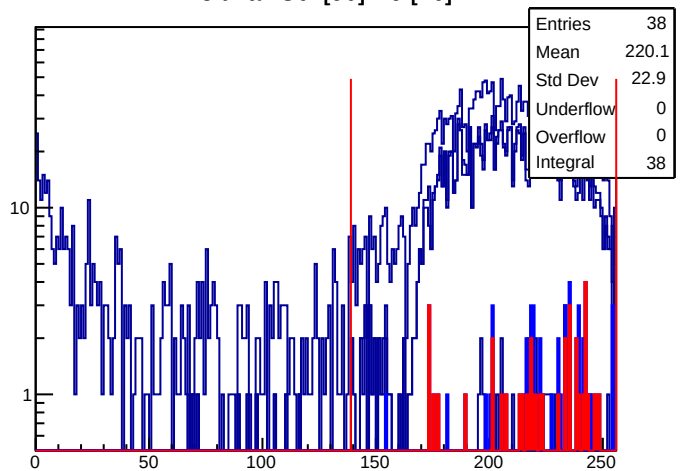

pKurama Sch[50]-Tof[14]
Entries 1602
Mean 0.3751
Std Dev 0.03404
Underflow 0
Overflow 0
Integral 1602
450
400
350
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

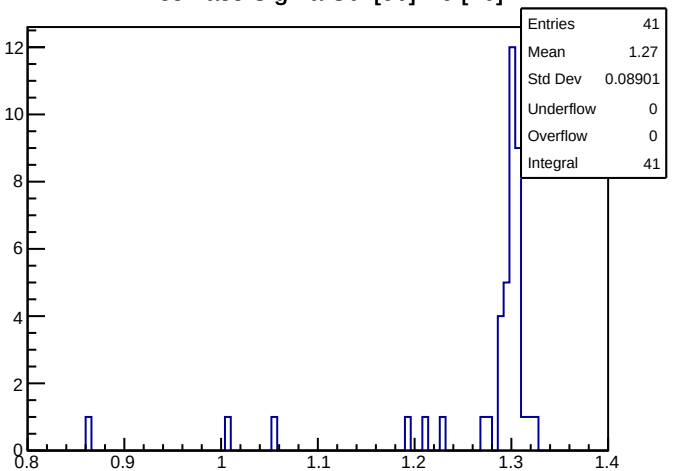

sftx all Sch[50]-Tof[15]
Entries 10
Mean 228.6
Std Dev 15.31
Underflow 0
Overflow 0
Integral 10
10
1
0
50
100
150
200
250

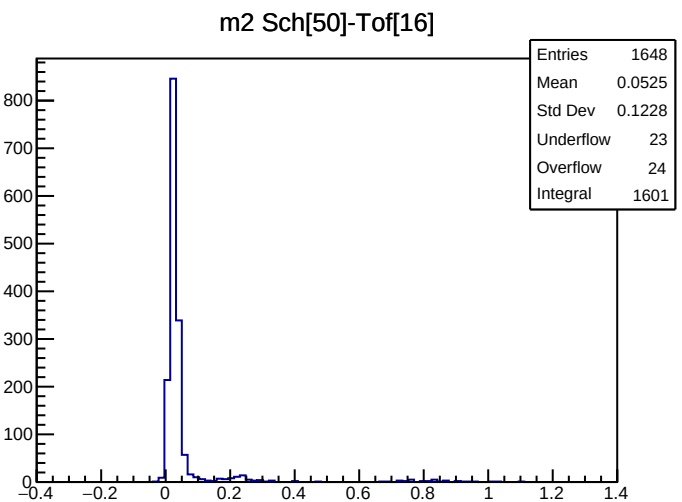

MissMass Sigma Sch[50]-Tof[15]
Entries 10
Mean 1.309
Std Dev 0.006159
Underflow 0
Overflow 0
Integral 10
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

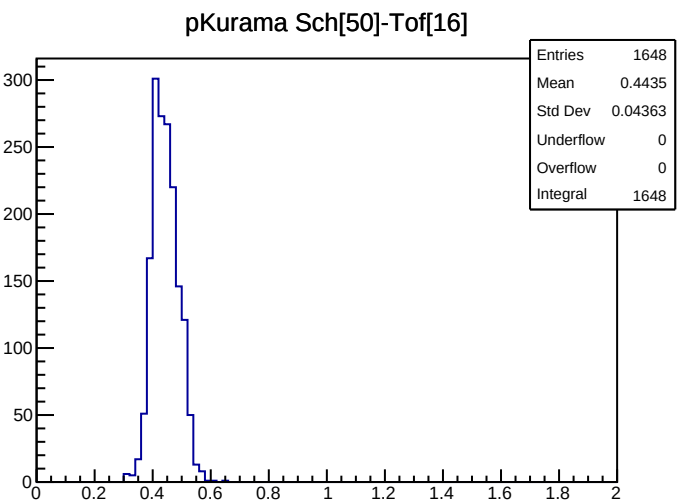

m2 Sch[50]-Tof[15]
Entries 1591
Mean 0.02939
Std Dev 0.06267
Underflow 12
Overflow 29
Integral 1550
900
800
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

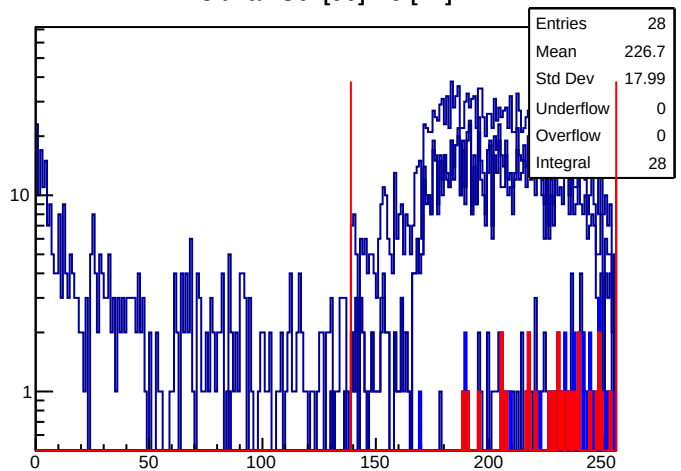

pKurama Sch[50]-Tof[15]
Entries 1591
Mean 0.4142
Std Dev 0.03795
Underflow 0
Overflow 0
Integral 1591
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

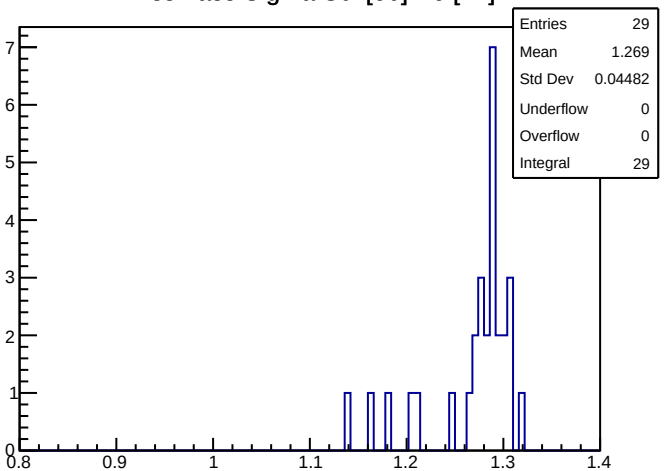

sftx all Sch[50]-Tof[16]
Entries 38
Mean 220.1
Std Dev 22.9
Underflow 0
Overflow 0
Integral 38

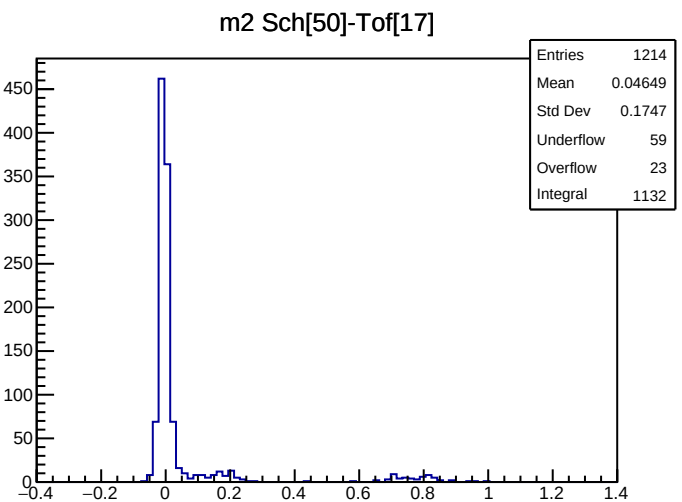

MissMass Sigma Sch[50]-Tof[16]
Entries 41
Mean 1.27
Std Dev 0.08901
Underflow 0
Overflow 0
Integral 41

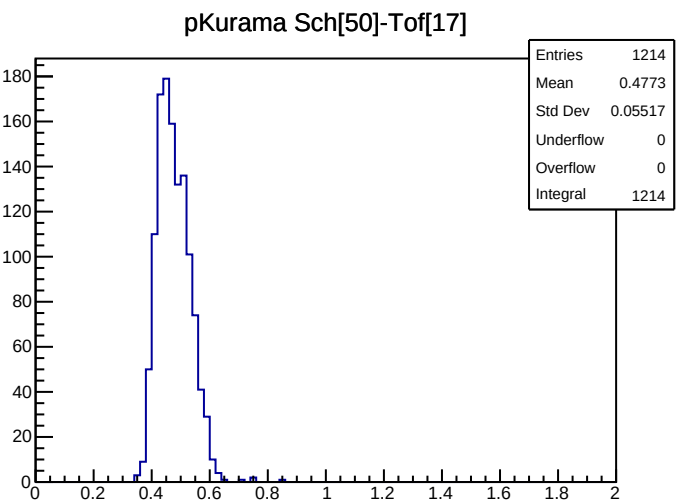

m2 Sch[50]-Tof[16]
Entries 1648
Mean 0.0525
Std Dev 0.1228
Underflow 23
Overflow 24
Integral 1601

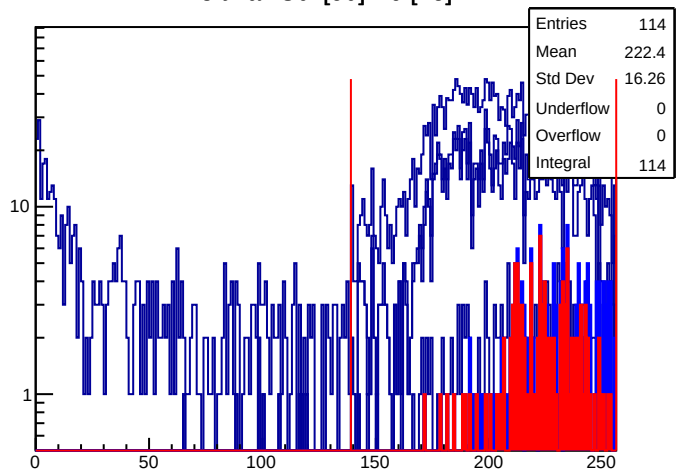

pKurama Sch[50]-Tof[16]
Entries 1648
Mean 0.4435
Std Dev 0.04363
Underflow 0
Overflow 0
Integral 1648

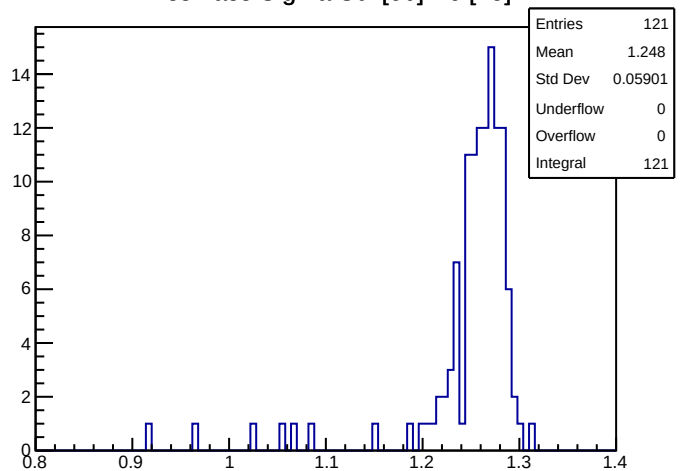

sftx all Sch[50]-Tof[17]
Entries 28
Mean 226.7
Std Dev 17.99
Underflow 0
Overflow 0
Integral 28
10
1
0
50
100
150
200
250

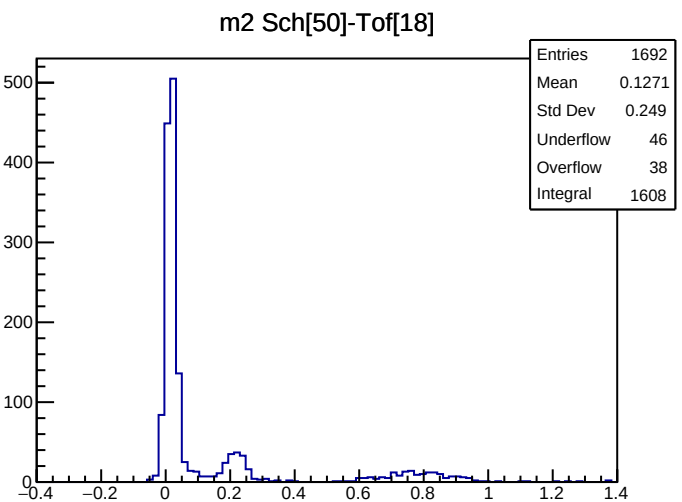

MissMass Sigma Sch[50]-Tof[17]
Entries 29
Mean 1.269
Std Dev 0.04482
Underflow 0
Overflow 0
Integral 29
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

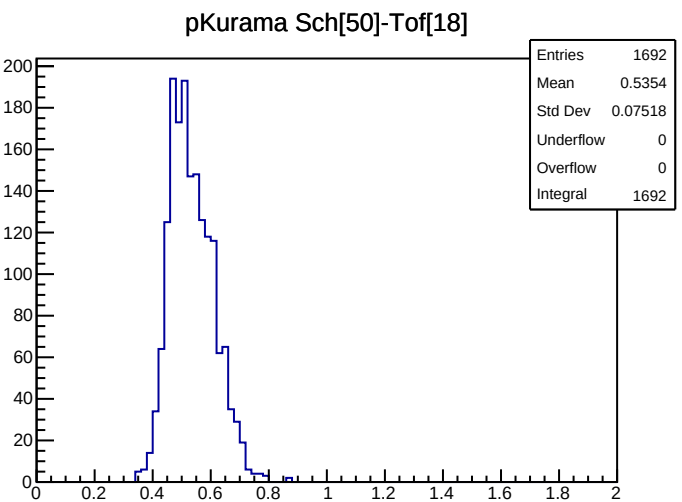

m2 Sch[50]-Tof[17]
Entries 1214
Mean 0.04649
Std Dev 0.1747
Underflow 59
Overflow 23
Integral 1132
450
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

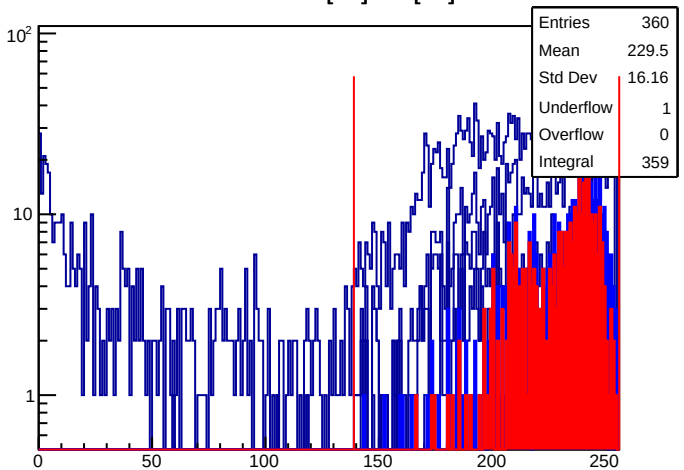

pKurama Sch[50]-Tof[17]
Entries 1214
Mean 0.4773
Std Dev 0.05517
Underflow 0
Overflow 0
Integral 1214
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

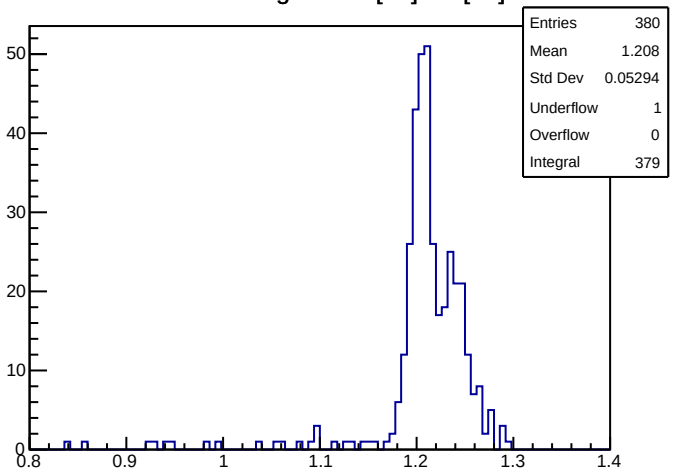

sftx all Sch[50]-Tof[18]
Entries 114
Mean 222.4
Std Dev 16.26
Underflow 0
Overflow 0
Integral 114
10
1
0
50
100
150
200
250

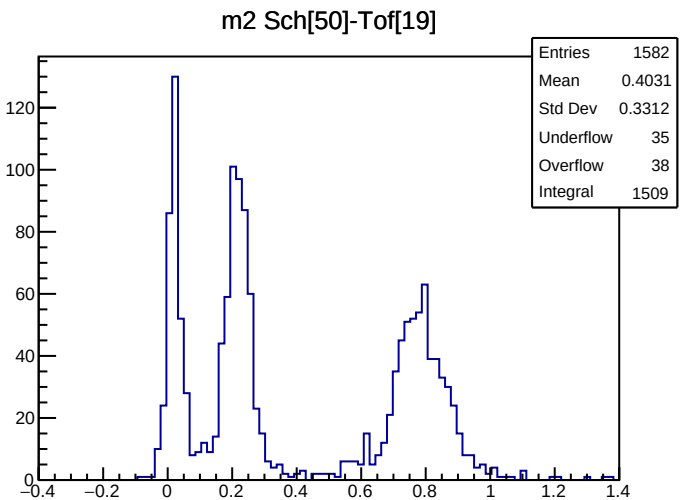

MissMass Sigma Sch[50]-Tof[18]
Entries 121
Mean 1.248
Std Dev 0.05901
Underflow 0
Overflow 0
Integral 121
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

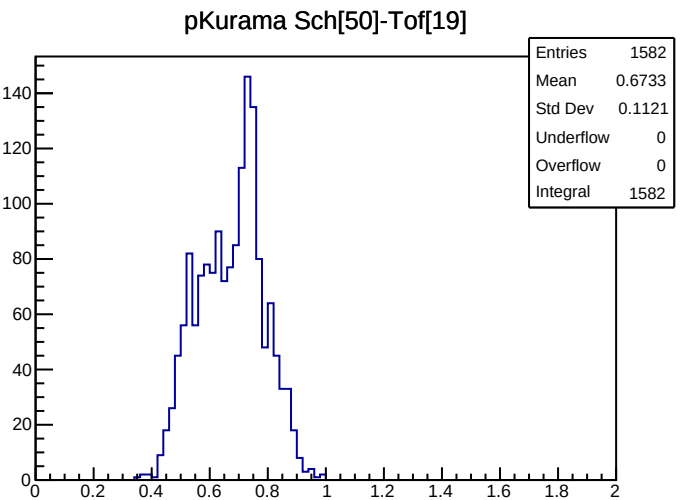

m2 Sch[50]-Tof[18]
Entries 1692
Mean 0.1271
Std Dev 0.249
Underflow 46
Overflow 38
Integral 1608
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

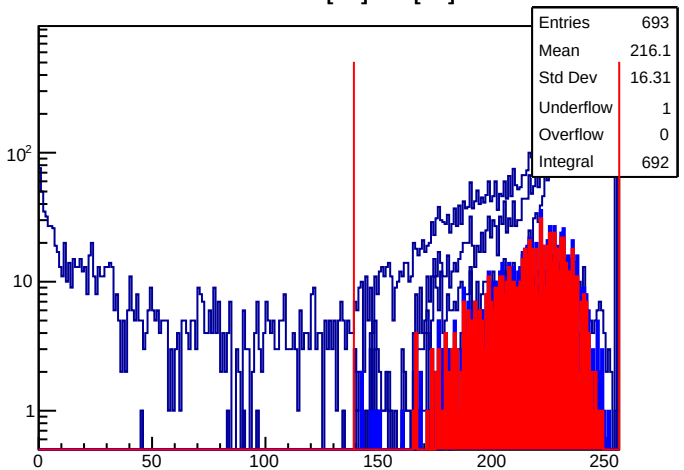

pKurama Sch[50]-Tof[18]
Entries 1692
Mean 0.5354
Std Dev 0.07518
Underflow 0
Overflow 0
Integral 1692
200
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

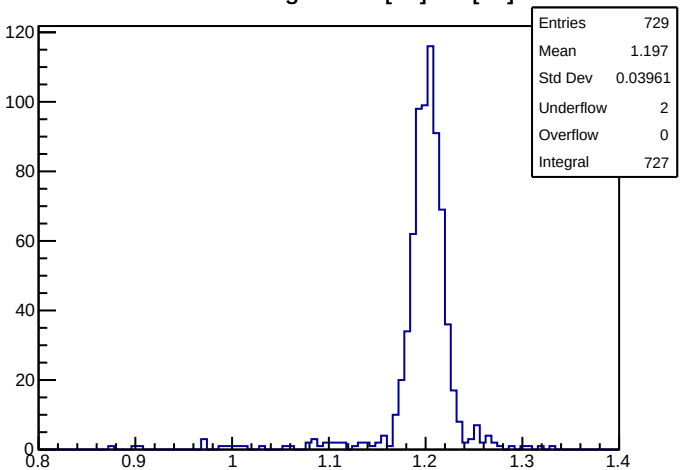

sftx all Sch[50]-Tof[19]
Entries 360
Mean 229.5
Std Dev 16.16
Underflow 1
Overflow 0
Integral 359

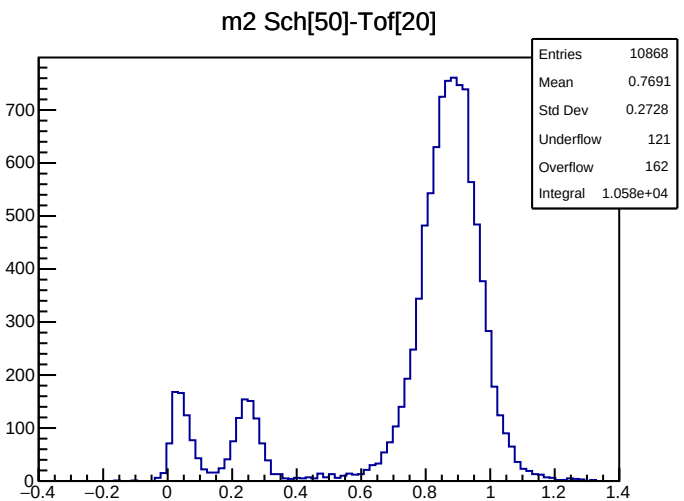

MissMass Sigma Sch[50]-Tof[19]
Entries 380
Mean 1.208
Std Dev 0.05294
Underflow 1
Overflow 0
Integral 379

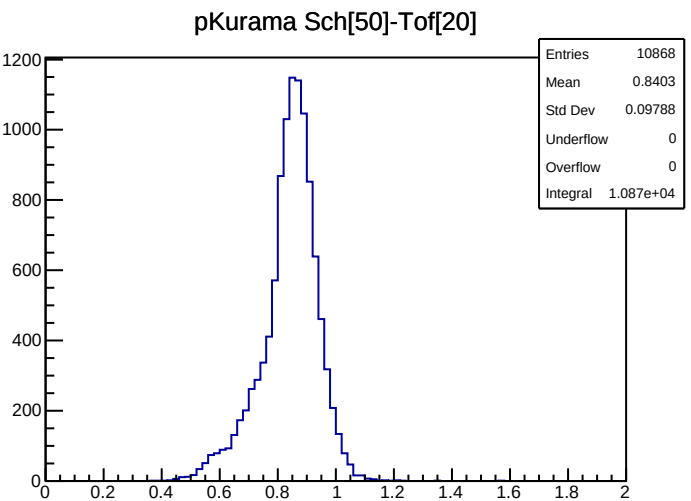

m2 Sch[50]-Tof[19]
Entries 1582
Mean 0.4031
Std Dev 0.3312
Underflow 35
Overflow 38
Integral 1509

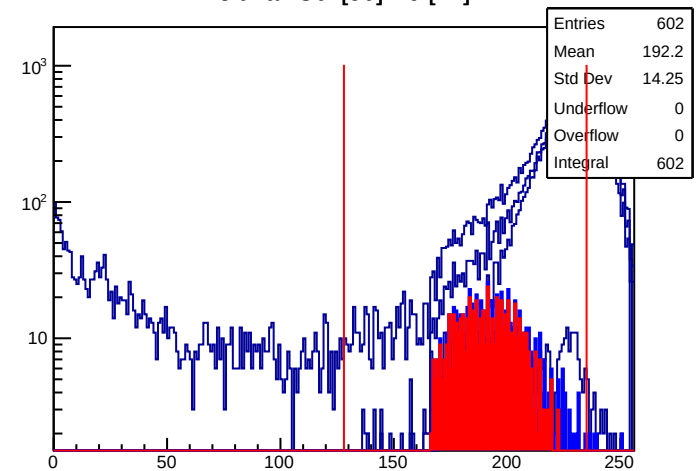

pKurama Sch[50]-Tof[19]
Entries 1582
Mean 0.6733
Std Dev 0.1121
Underflow 0
Overflow 0
Integral 1582

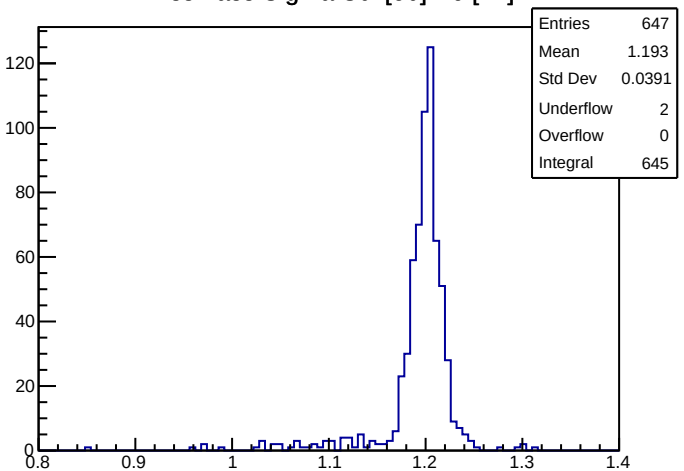

sftx all Sch[50]-Tof[20]
Entries 693
Mean 216.1
Std Dev 16.31
Underflow 1
Overflow 0
Integral 692
10^2
10
1
0
50
100
150
200
250

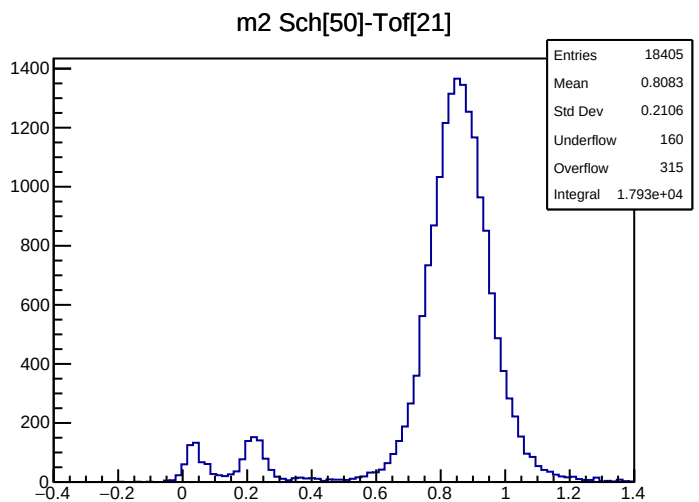

MissMass Sigma Sch[50]-Tof[20]
Entries 729
Mean 1.197
Std Dev 0.03961
Underflow 2
Overflow 0
Integral 727
120
100
80
60
40
20
0
0.8
0.9
1
1.1
1.2
1.3
1.4

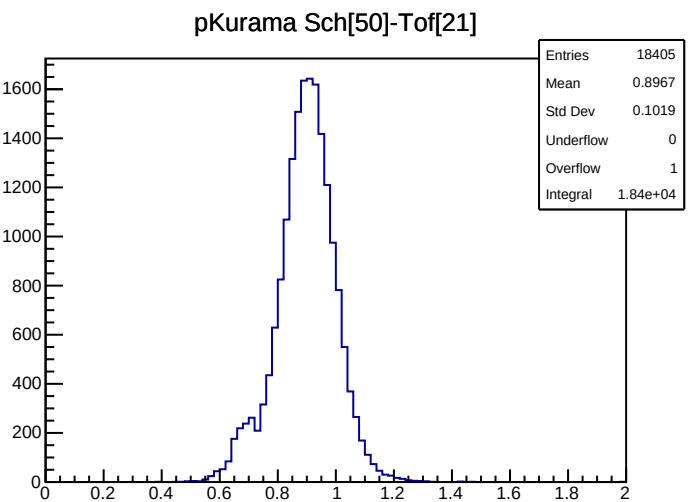

m2 Sch[50]-Tof[20]
Entries 10868
Mean 0.7691
Std Dev 0.2728
Underflow 121
Overflow 162
Integral 1.058e+04
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

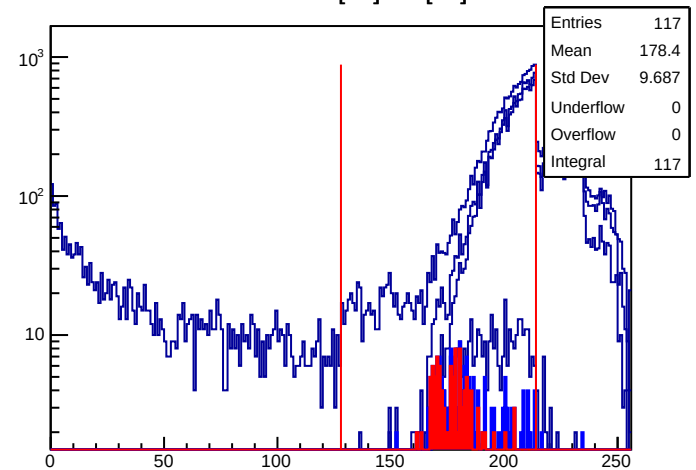

pKurama Sch[50]-Tof[20]
Entries 10868
Mean 0.8403
Std Dev 0.09788
Underflow 0
Overflow 0
Integral 1.087e+04
1200
1000
800
600
400
200
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

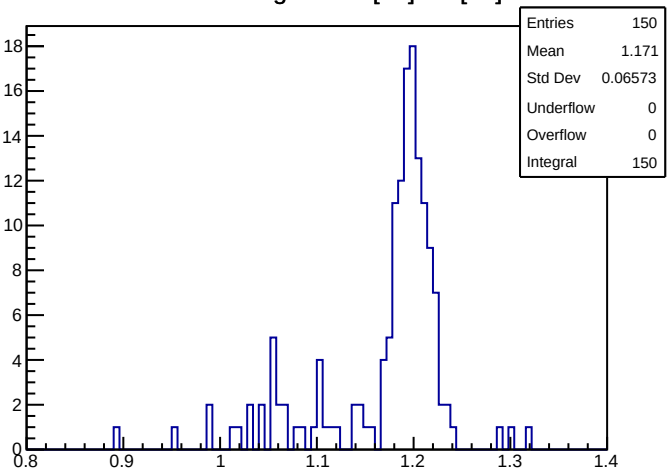

sftx all Sch[50]-Tof[21]
Entries 602
Mean 192.2
Std Dev 14.25
Underflow 0
Overflow 0
Integral 602

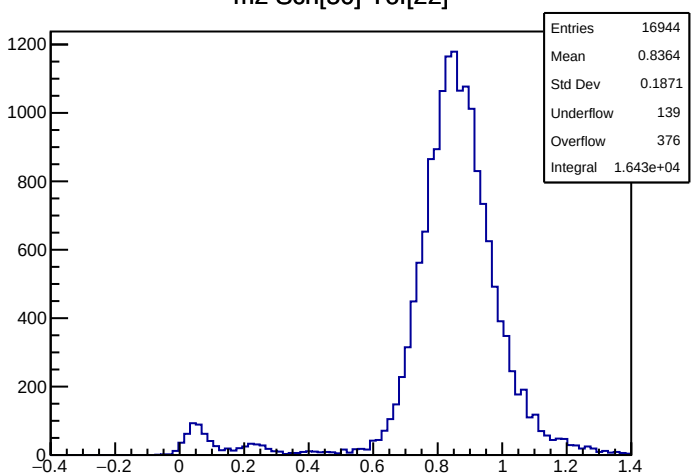

MissMass Sigma Sch[50]-Tof[21]
Entries 647
Mean 1.193
Std Dev 0.0391
Underflow 2
Overflow 0
Integral 645

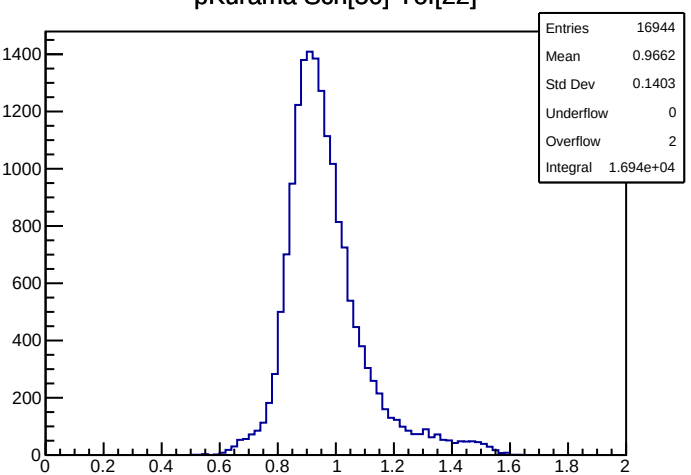

m2 Sch[50]-Tof[21]
Entries 18405
Mean 0.8083
Std Dev 0.2106
Underflow 160
Overflow 315
Integral 1.793e+04

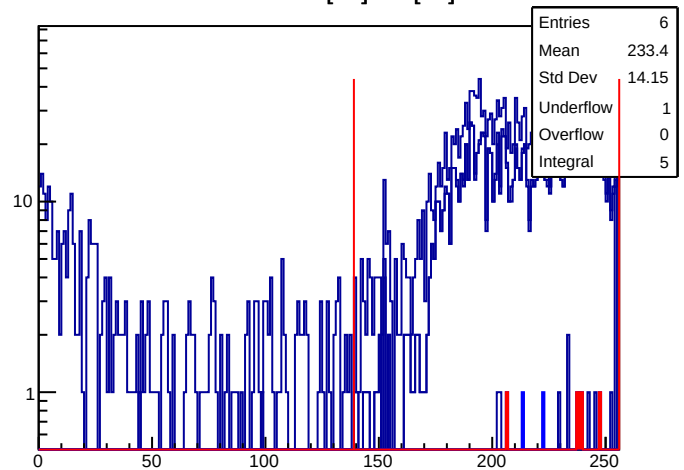

pKurama Sch[50]-Tof[21]
Entries 18405
Mean 0.8967
Std Dev 0.1019
Underflow 0
Overflow 1
Integral 1.84e+04

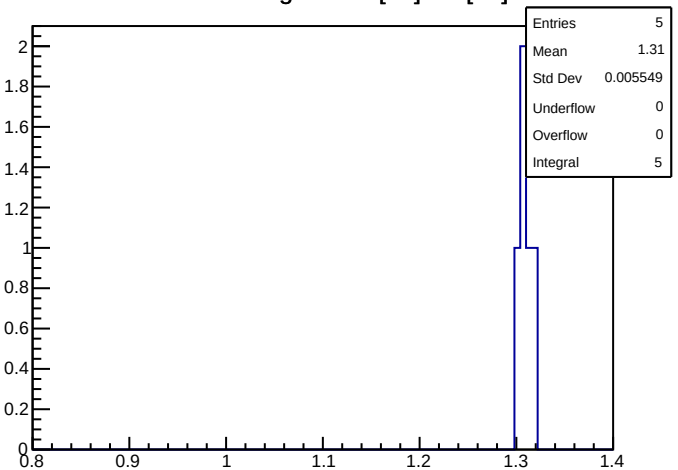

sftx all Sch[50]-Tof[22]
Entries 117
Mean 178.4
Std Dev 9.687
Underflow 0
Overflow 0
Integral 117

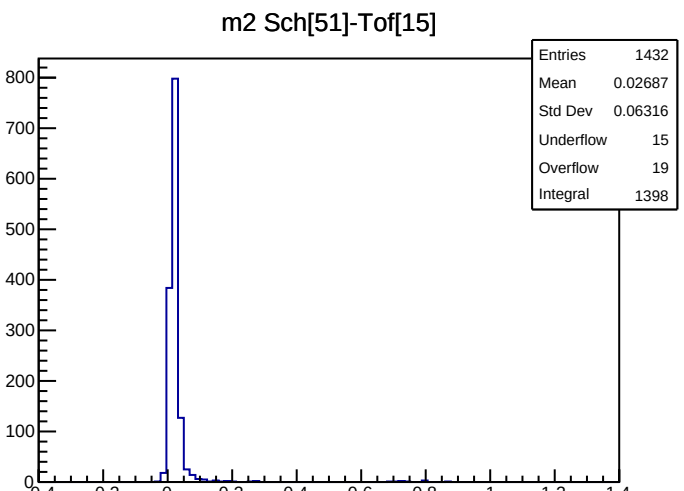

MissMass Sigma Sch[50]-Tof[22]
Entries 150
Mean 1.171
Std Dev 0.06573
Underflow 0
Overflow 0
Integral 150

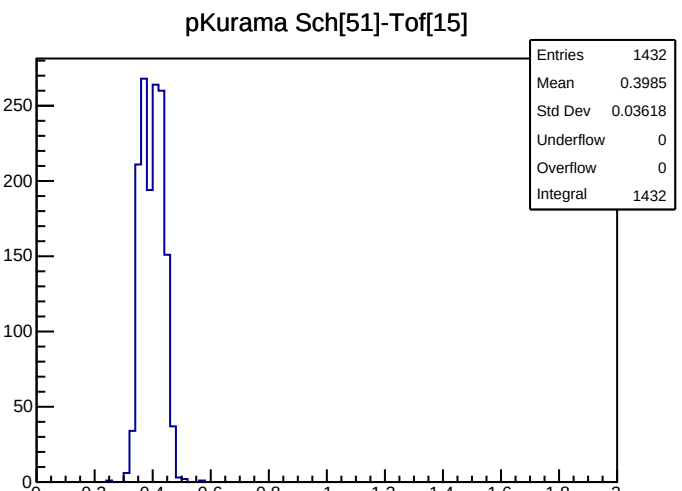

m2 Sch[50]-Tof[22]
Entries 16944
Mean 0.8364
Std Dev 0.1871
Underflow 139
Overflow 376
Integral 1.643e+04

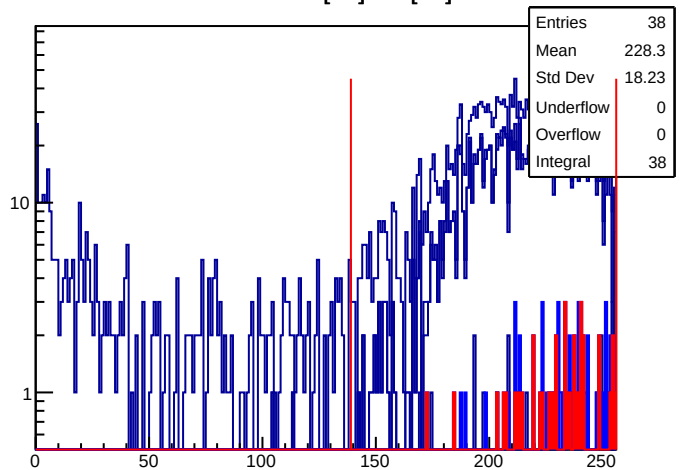

pKurama Sch[50]-Tof[22]
Entries 16944
Mean 0.9662
Std Dev 0.1403
Underflow 0
Overflow 2
Integral 1.694e+04

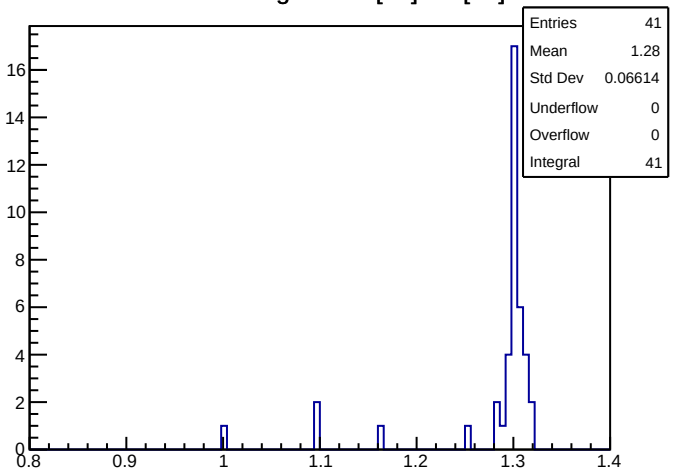

sftx all Sch[51]-Tof[15]
Entries 6
Mean 233.4
Std Dev 14.15
Underflow 1
Overflow 0
Integral 5
10
1
0
50
100
150
200
250

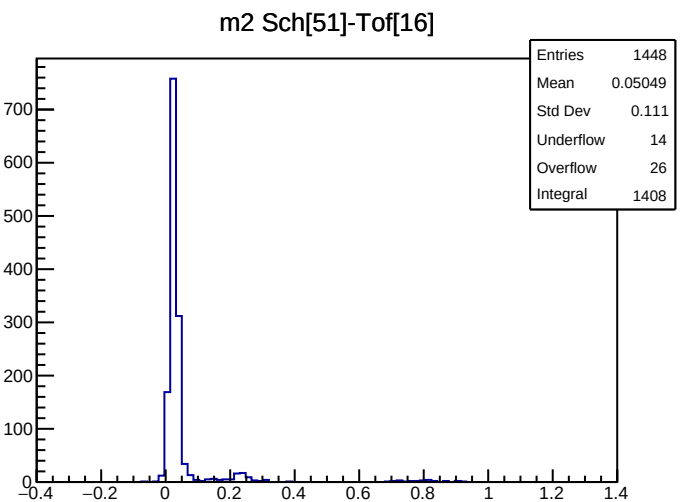

MissMass Sigma Sch[51]-Tof[15]
Entries 5
Mean 1.31
Std Dev 0.005549
Underflow 0
Overflow 0
Integral 5
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

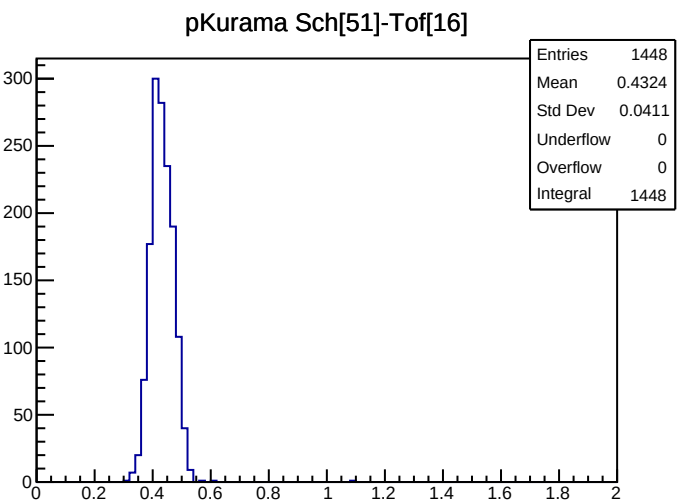

m2 Sch[51]-Tof[15]
Entries 1432
Mean 0.02687
Std Dev 0.06316
Underflow 15
Overflow 19
Integral 1398
800
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

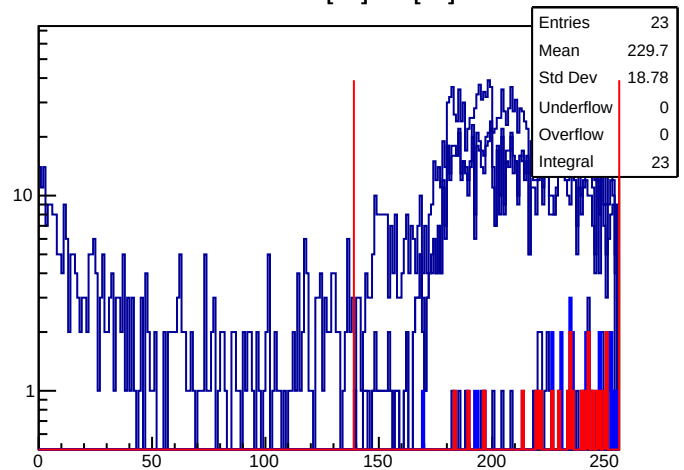

pKurama Sch[51]-Tof[15]
Entries 1432
Mean 0.3985
Std Dev 0.03618
Underflow 0
Overflow 0
Integral 1432
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

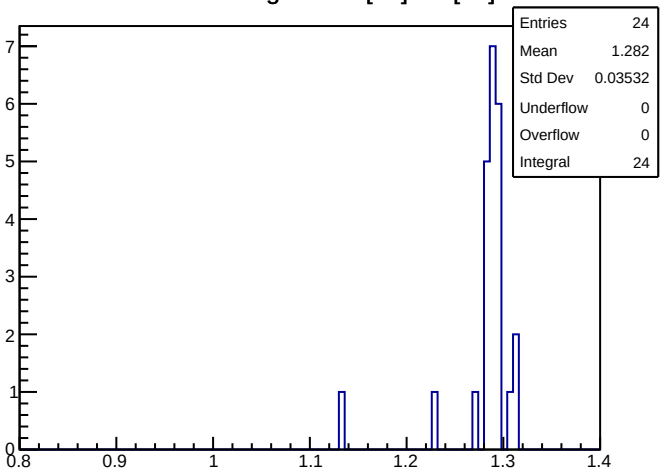

sftx all Sch[51]-Tof[16]
Entries 38
Mean 228.3
Std Dev 18.23
Underflow 0
Overflow 0
Integral 38
10
1
0
50
100
150
200
250

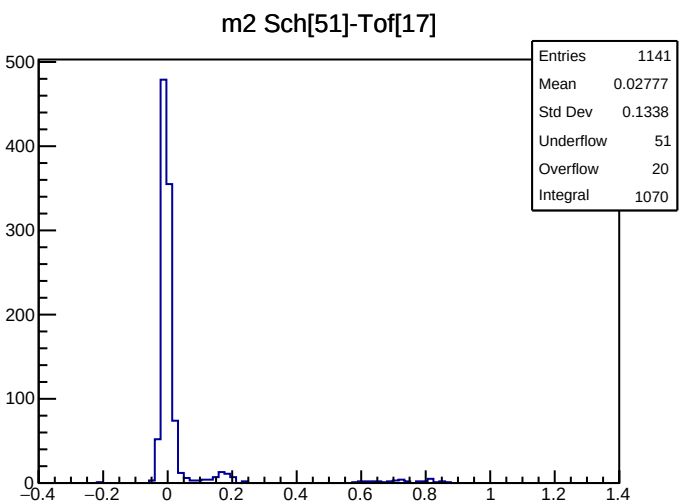

MissMass Sigma Sch[51]-Tof[16]
Entries 41
Mean 1.28
Std Dev 0.06614
Underflow 0
Overflow 0
Integral 41
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

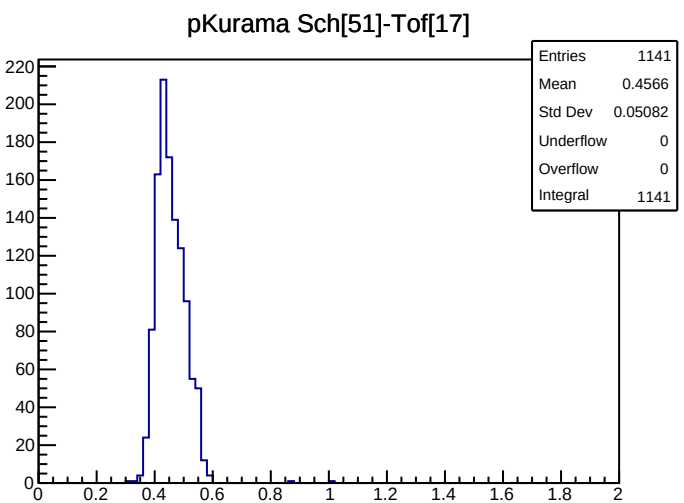

m2 Sch[51]-Tof[16]
Entries 1448
Mean 0.05049
Std Dev 0.111
Underflow 14
Overflow 26
Integral 1408
700
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

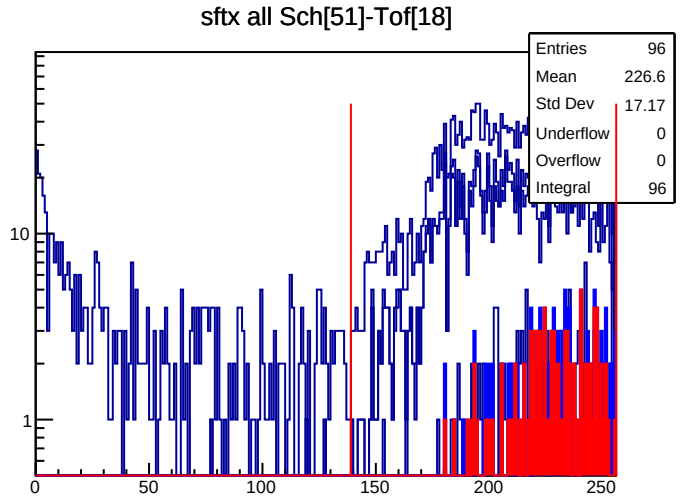

pKurama Sch[51]-Tof[16]
Entries 1448
Mean 0.4324
Std Dev 0.0411
Underflow 0
Overflow 0
Integral 1448
300
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

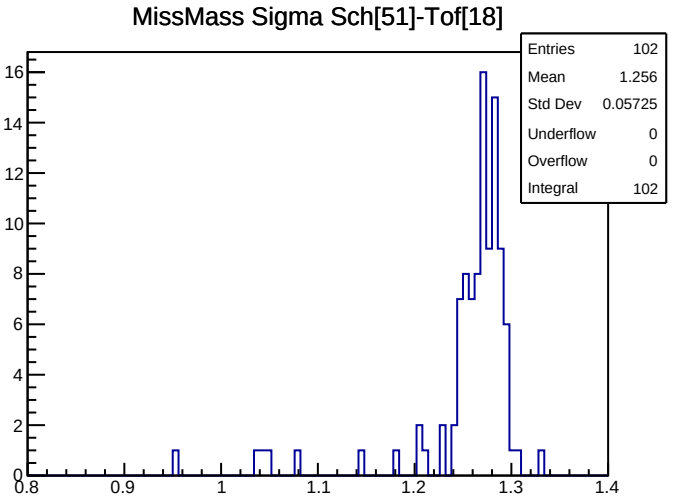

sftx all Sch[51]-Tof[17]
Entries 23
Mean 229.7
Std Dev 18.78
Underflow 0
Overflow 0
Integral 23
10
1
0
50
100
150
200
250

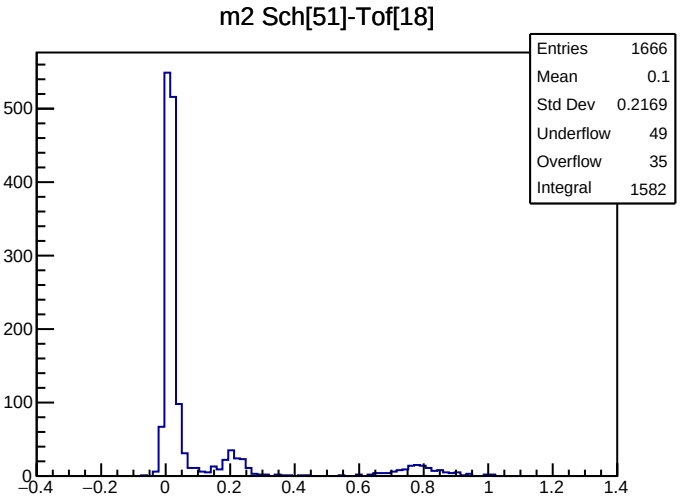

MissMass Sigma Sch[51]-Tof[17]
Entries 24
Mean 1.282
Std Dev 0.03532
Underflow 0
Overflow 0
Integral 24
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

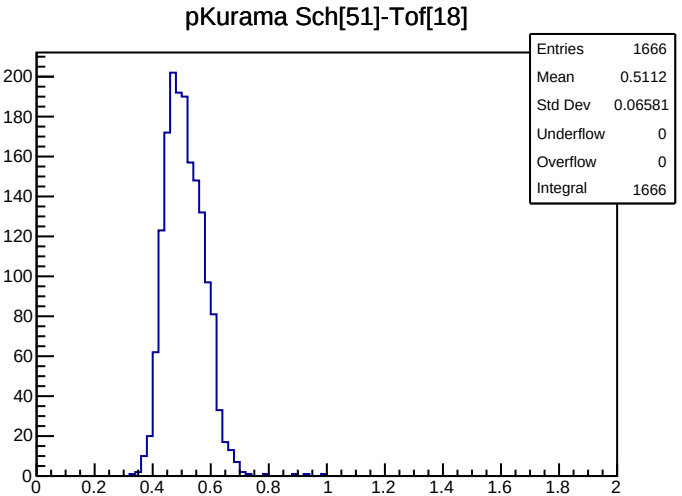

m2 Sch[51]-Tof[17]
Entries 1141
Mean 0.02777
Std Dev 0.1338
Underflow 51
Overflow 20
Integral 1070
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

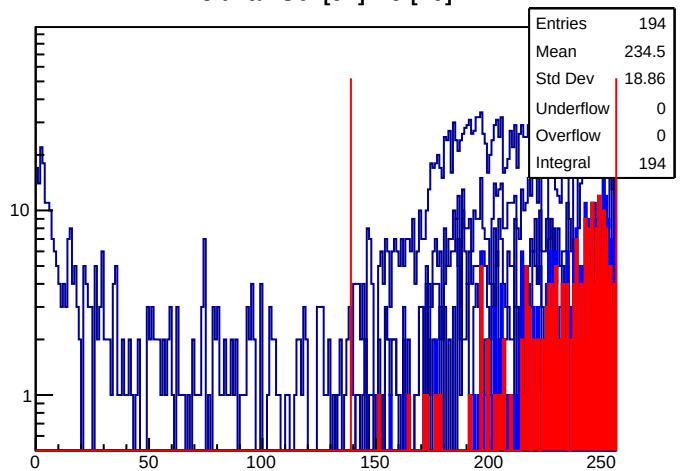

pKurama Sch[51]-Tof[17]
Entries 1141
Mean 0.4566
Std Dev 0.05082
Underflow 0
Overflow 0
Integral 1141
220
200
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

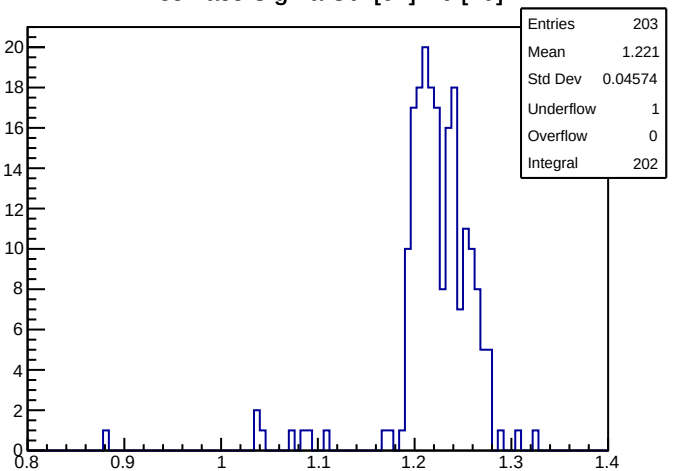

sftx all Sch[51]-Tof[18]
Entries 96
Mean 226.6
Std Dev 17.17
Underflow 0
Overflow 0
Integral 96

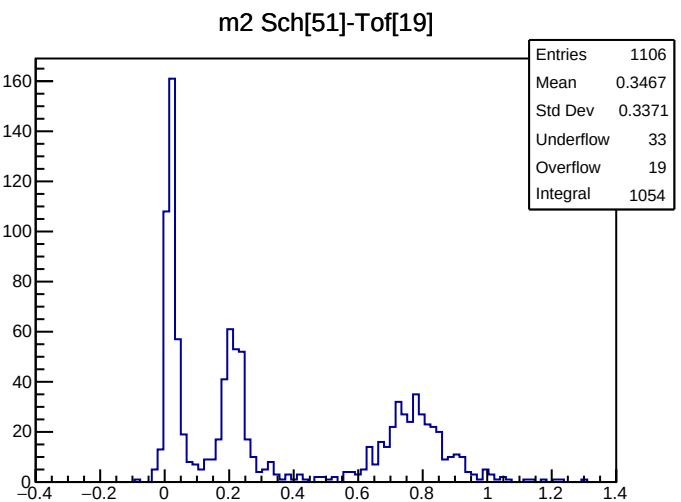

MissMass Sigma Sch[51]-Tof[18]
Entries 102
Mean 1.256
Std Dev 0.05725
Underflow 0
Overflow 0
Integral 102

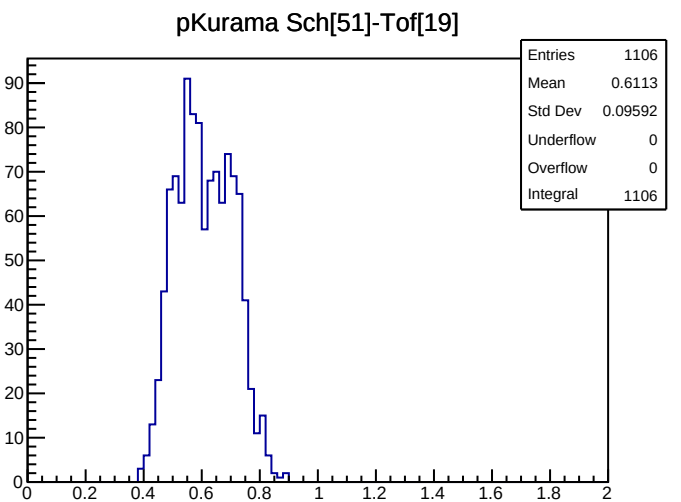

m2 Sch[51]-Tof[18]
Entries 1666
Mean 0.1
Std Dev 0.2169
Underflow 49
Overflow 35
Integral 1582

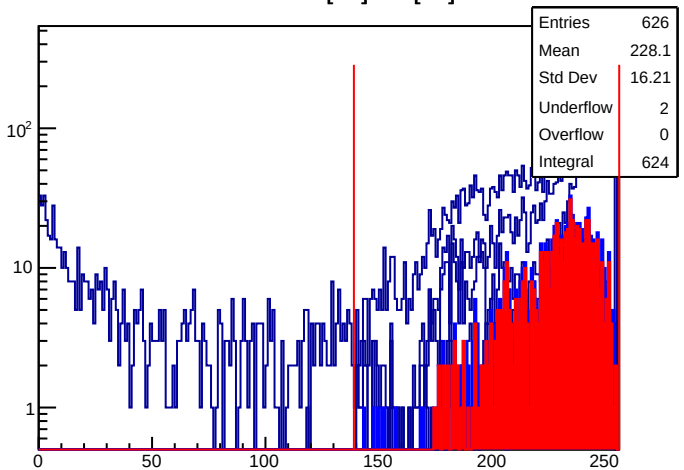

pKurama Sch[51]-Tof[18]
Entries 1666
Mean 0.5112
Std Dev 0.06581
Underflow 0
Overflow 0
Integral 1666

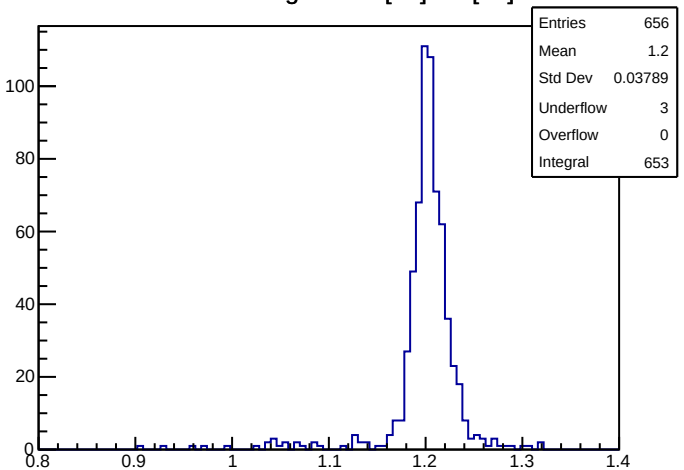

sftx all Sch[51]-Tof[19]
Entries 194
Mean 234.5
Std Dev 18.86
Underflow 0
Overflow 0
Integral 194
10
1
0
50
100
150
200
250

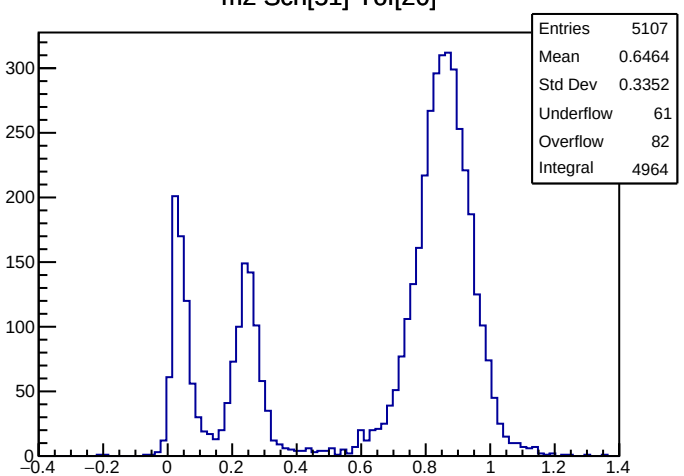

MissMass Sigma Sch[51]-Tof[19]
Entries 203
Mean 1.221
Std Dev 0.04574
Underflow 1
Overflow 0
Integral 202
20
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

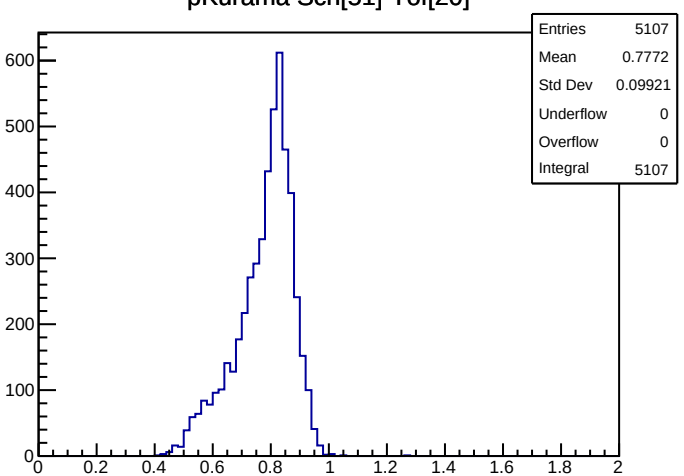

m2 Sch[51]-Tof[19]
Entries 1106
Mean 0.3467
Std Dev 0.3371
Underflow 33
Overflow 19
Integral 1054
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

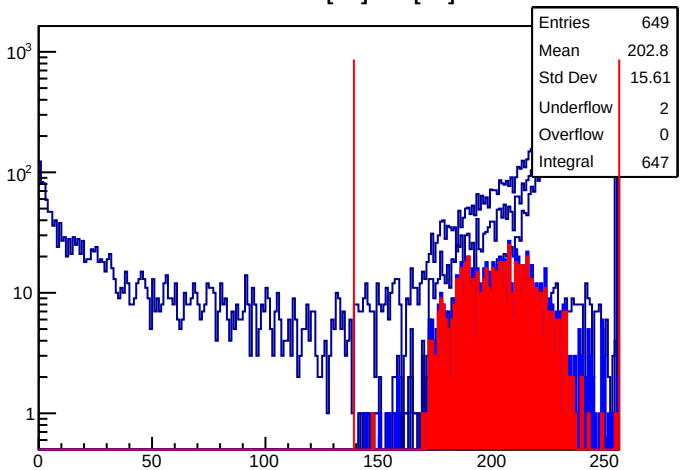

pKurama Sch[51]-Tof[19]
Entries 1106
Mean 0.6113
Std Dev 0.09592
Underflow 0
Overflow 0
Integral 1106
90
80
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

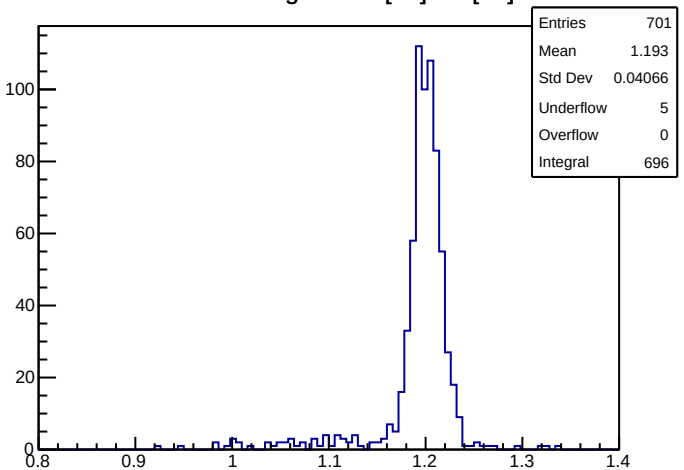

sftx all Sch[51]-Tof[20]
Entries 626
Mean 228.1
Std Dev 16.21
Underflow 2
Overflow 0
Integral 624

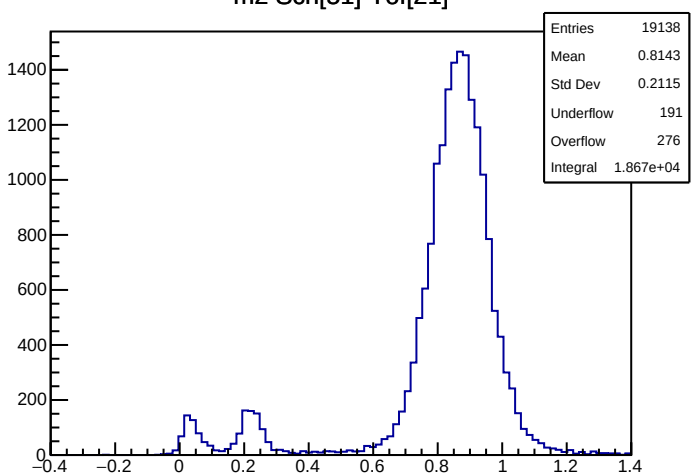

MissMass Sigma Sch[51]-Tof[20]
Entries 656
Mean 1.2
Std Dev 0.03789
Underflow 3
Overflow 0
Integral 653

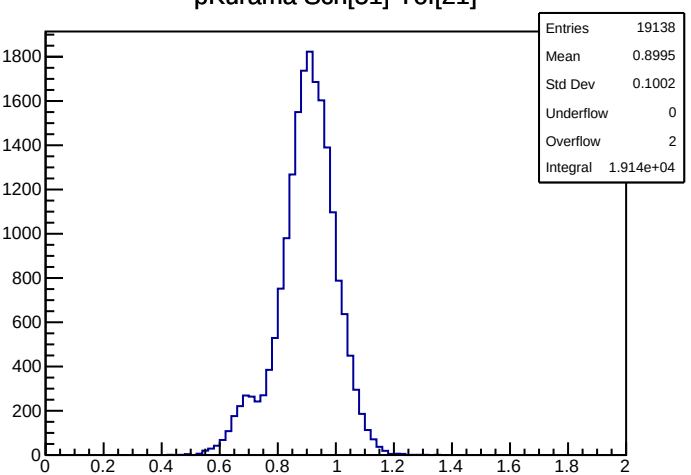

m2 Sch[51]-Tof[20]
Entries 5107
Mean 0.6464
Std Dev 0.3352
Underflow 61
Overflow 82
Integral 4964

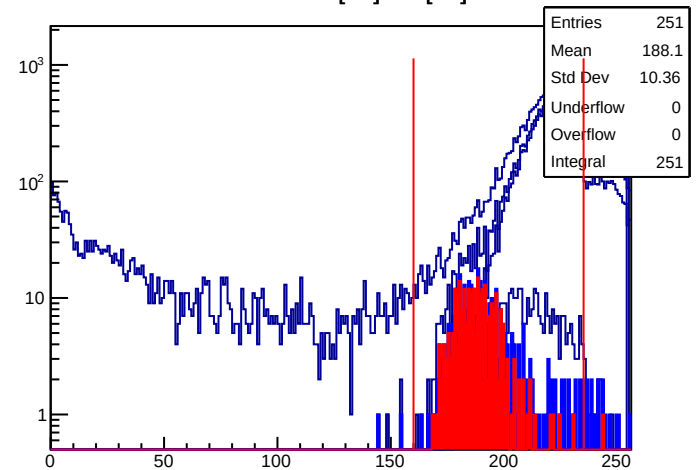

pKurama Sch[51]-Tof[20]
Entries 5107
Mean 0.7772
Std Dev 0.09921
Underflow 0
Overflow 0
Integral 5107

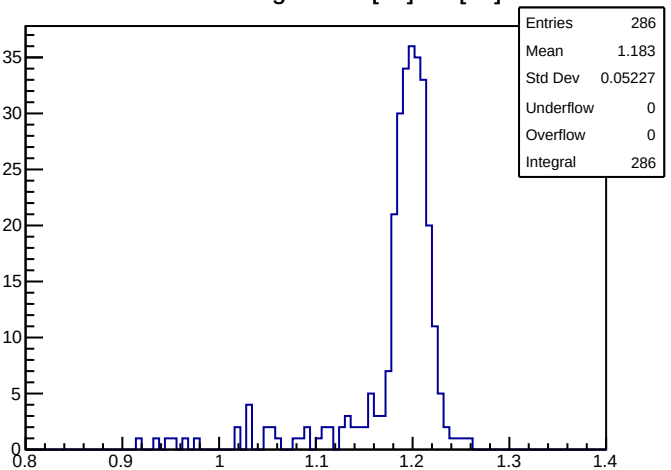

sftx all Sch[51]-Tof[21]
Entries 649
Mean 202.8
Std Dev 15.61
Underflow 2
Overflow 0
Integral 647

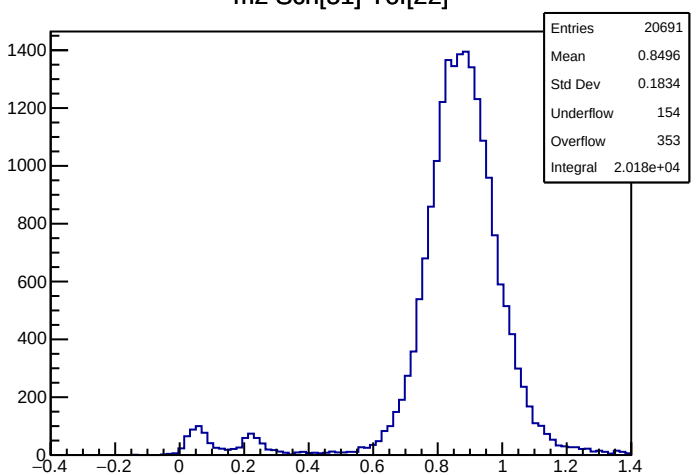

MissMass Sigma Sch[51]-Tof[21]
Entries 701
Mean 1.193
Std Dev 0.04066
Underflow 5
Overflow 0
Integral 696

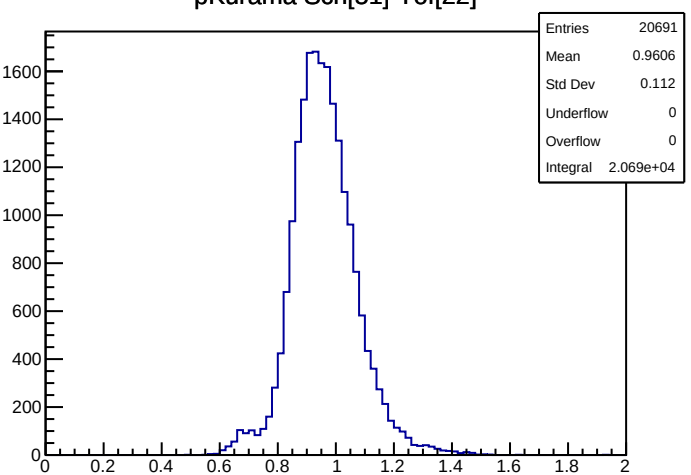

m2 Sch[51]-Tof[21]
Entries 19138
Mean 0.8143
Std Dev 0.2115
Underflow 191
Overflow 276
Integral 1.867e+04

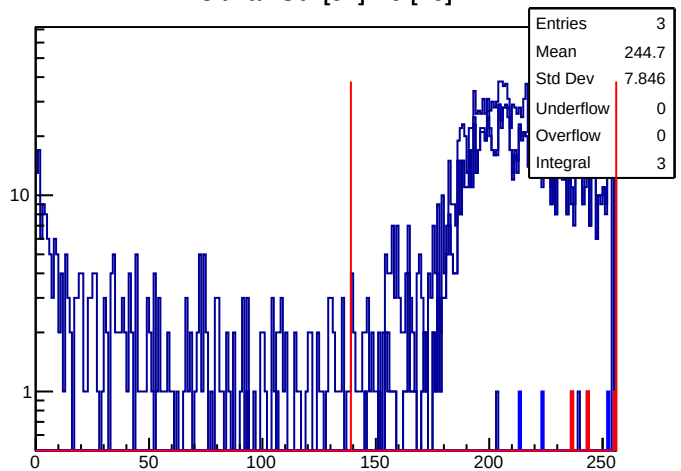

pKurama Sch[51]-Tof[21]
Entries 19138
Mean 0.8995
Std Dev 0.1002
Underflow 0
Overflow 2
Integral 1.914e+04

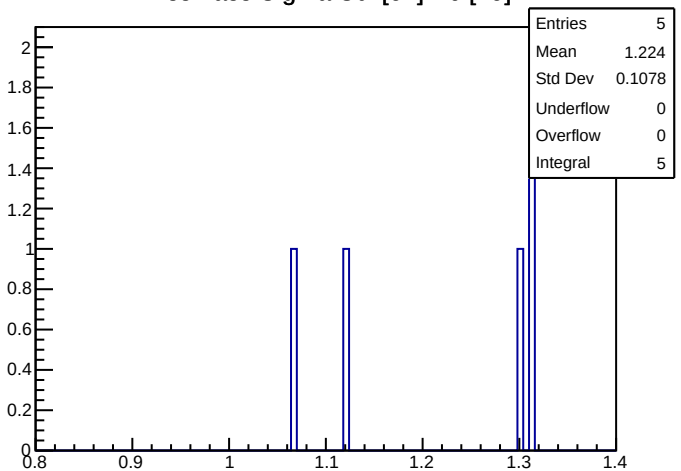

sftx all Sch[51]-Tof[22]
Entries 251
Mean 188.1
Std Dev 10.36
Underflow 0
Overflow 0
Integral 251

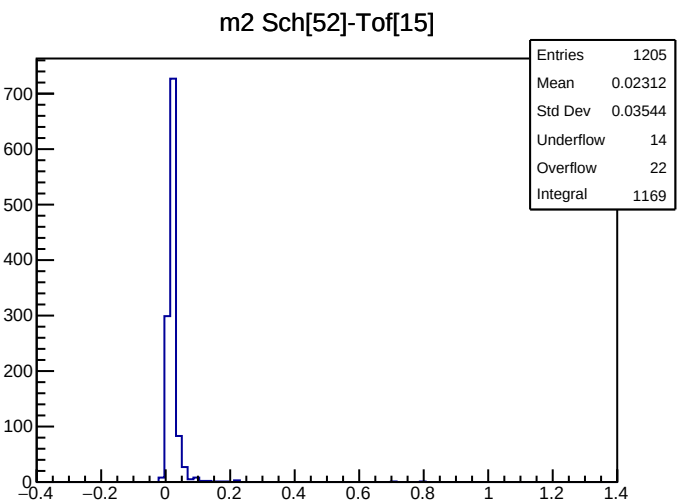

MissMass Sigma Sch[51]-Tof[22]
Entries 286
Mean 1.183
Std Dev 0.05227
Underflow 0
Overflow 0
Integral 286

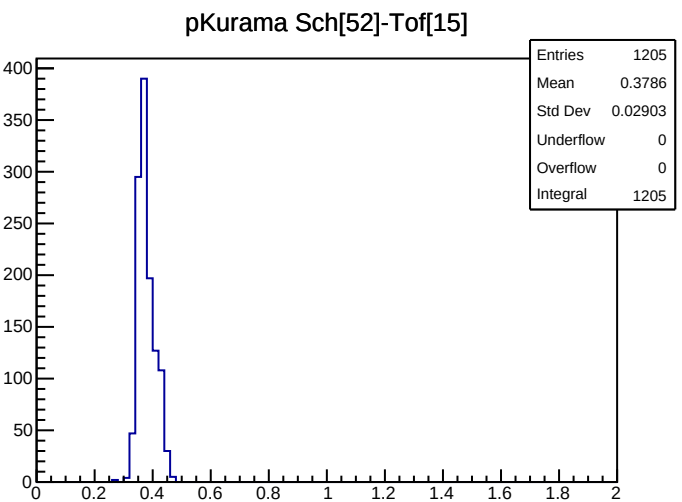

m2 Sch[51]-Tof[22]
Entries 20691
Mean 0.8496
Std Dev 0.1834
Underflow 154
Overflow 353
Integral 2.018e+04

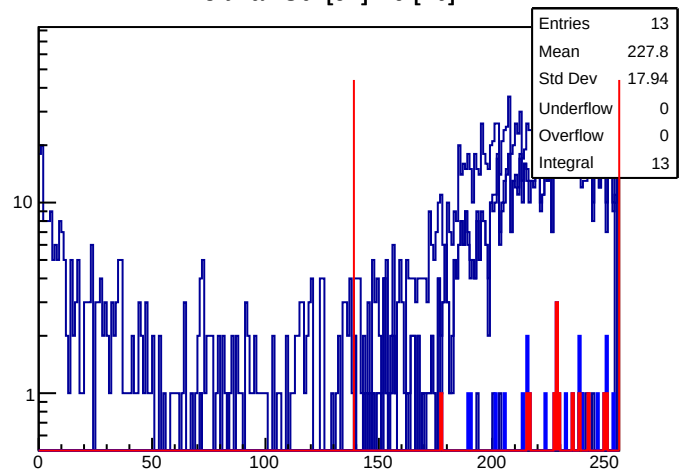

pKurama Sch[51]-Tof[22]
Entries 20691
Mean 0.9606
Std Dev 0.112
Underflow 0
Overflow 0
Integral 2.069e+04

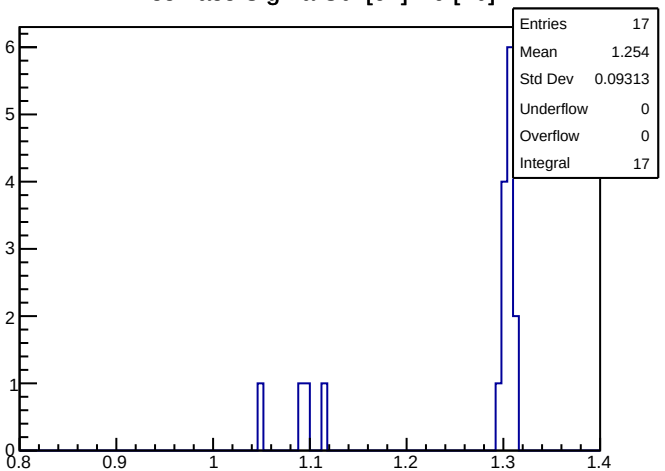

sftx all Sch[52]-Tof[15]
Entries 3
Mean 244.7
Std Dev 7.846
Underflow 0
Overflow 0
Integral 3

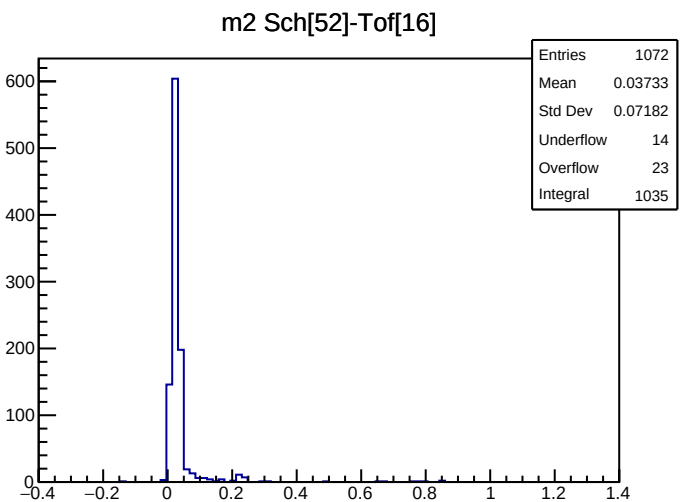

MissMass Sigma Sch[52]-Tof[15]
Entries 5
Mean 1.224
Std Dev 0.1078
Underflow 0
Overflow 0
Integral 5

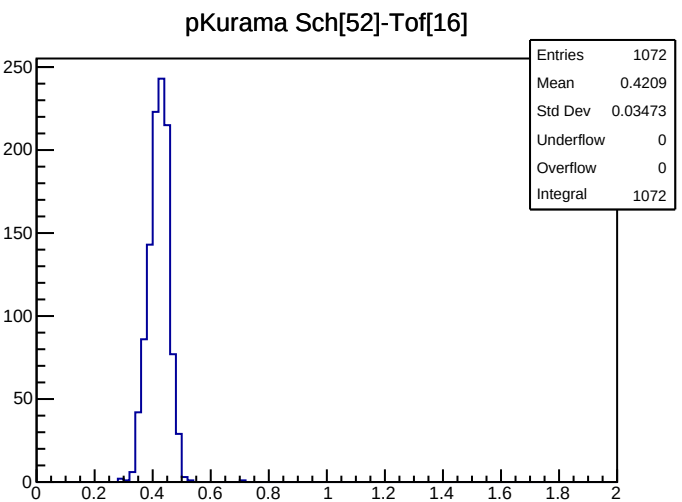

m2 Sch[52]-Tof[15]
Entries 1205
Mean 0.02312
Std Dev 0.03544
Underflow 14
Overflow 22
Integral 1169

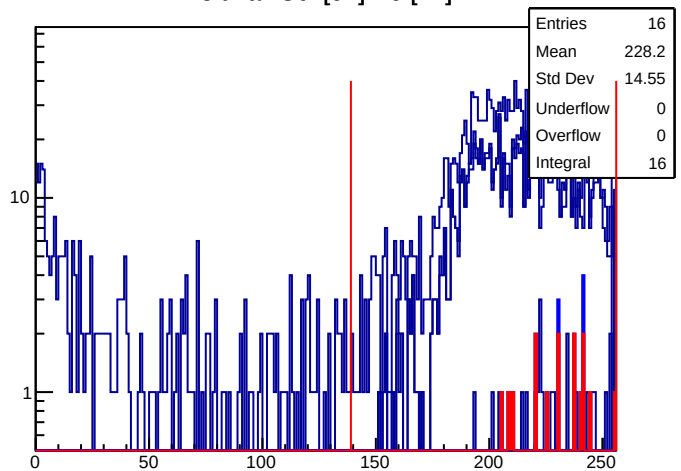

pKurama Sch[52]-Tof[15]
Entries 1205
Mean 0.3786
Std Dev 0.02903
Underflow 0
Overflow 0
Integral 1205

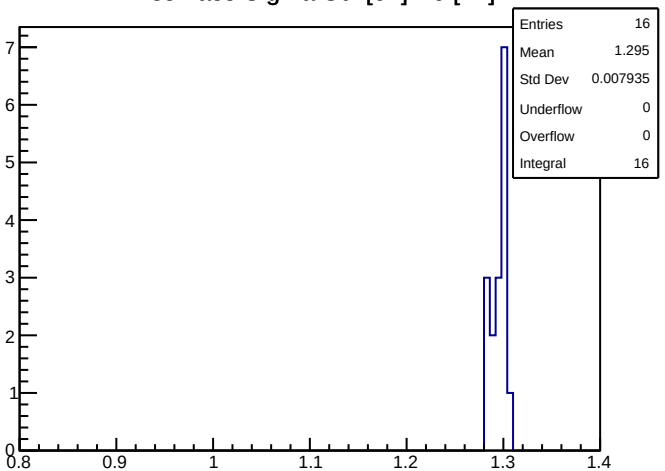

sftx all Sch[52]-Tof[16]
Entries 13
Mean 227.8
Std Dev 17.94
Underflow 0
Overflow 0
Integral 13
10
1
0
50
100
150
200
250

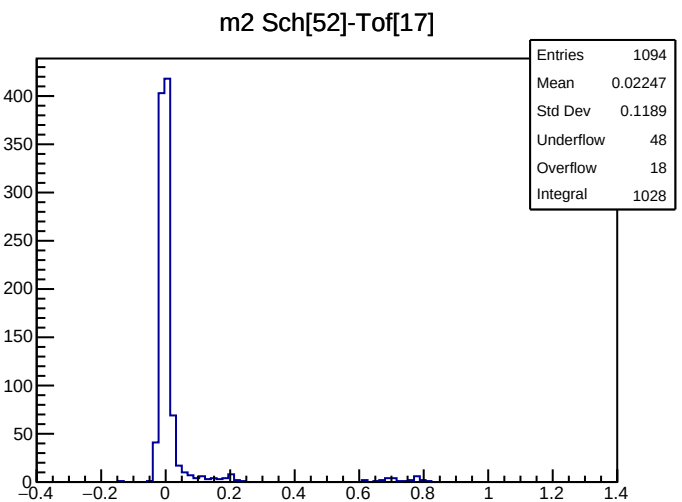

MissMass Sigma Sch[52]-Tof[16]
Entries 17
Mean 1.254
Std Dev 0.09313
Underflow 0
Overflow 0
Integral 17
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

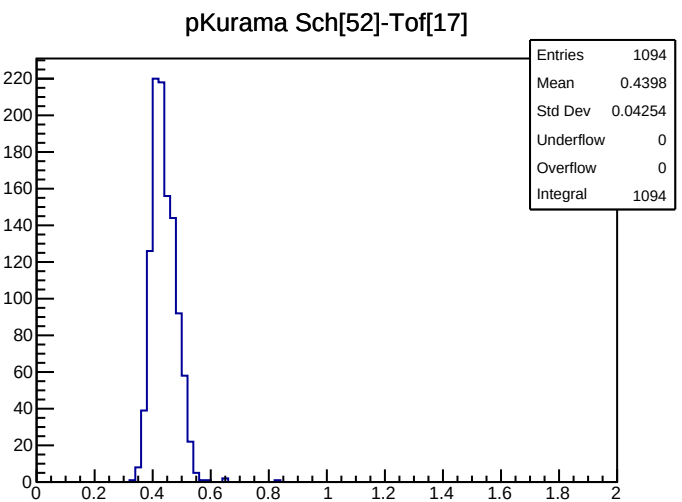

m2 Sch[52]-Tof[16]
Entries 1072
Mean 0.03733
Std Dev 0.07182
Underflow 14
Overflow 23
Integral 1035
600
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

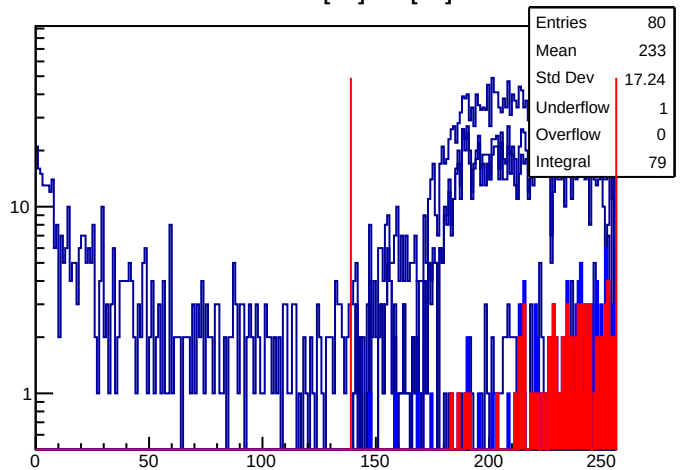

pKurama Sch[52]-Tof[16]
Entries 1072
Mean 0.4209
Std Dev 0.03473
Underflow 0
Overflow 0
Integral 1072
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

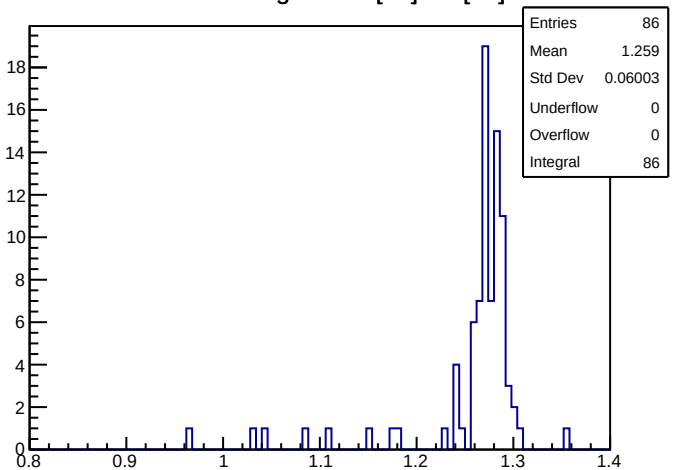

sftx all Sch[52]-Tof[17]
Entries 16
Mean 228.2
Std Dev 14.55
Underflow 0
Overflow 0
Integral 16

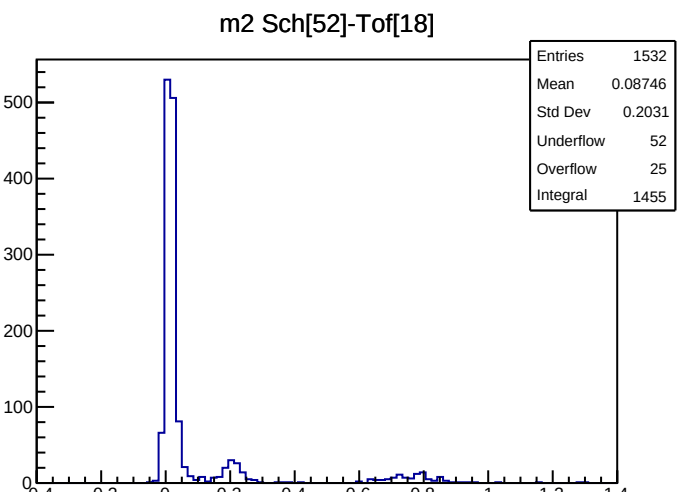

MissMass Sigma Sch[52]-Tof[17]
Entries 16
Mean 1.295
Std Dev 0.007935
Underflow 0
Overflow 0
Integral 16

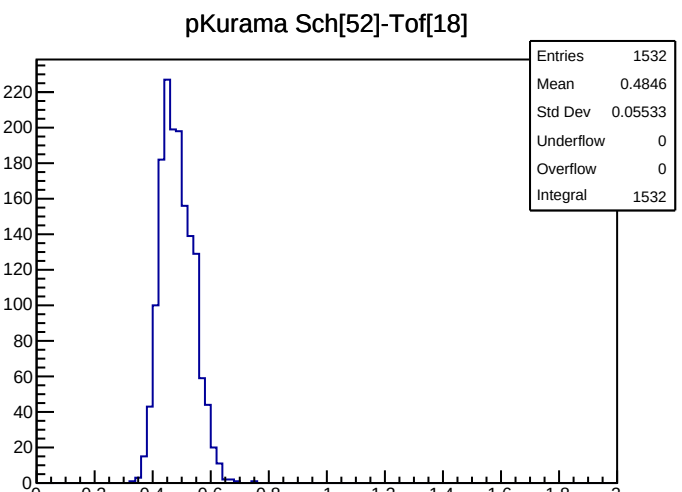

m2 Sch[52]-Tof[17]
Entries 1094
Mean 0.02247
Std Dev 0.1189
Underflow 48
Overflow 18
Integral 1028

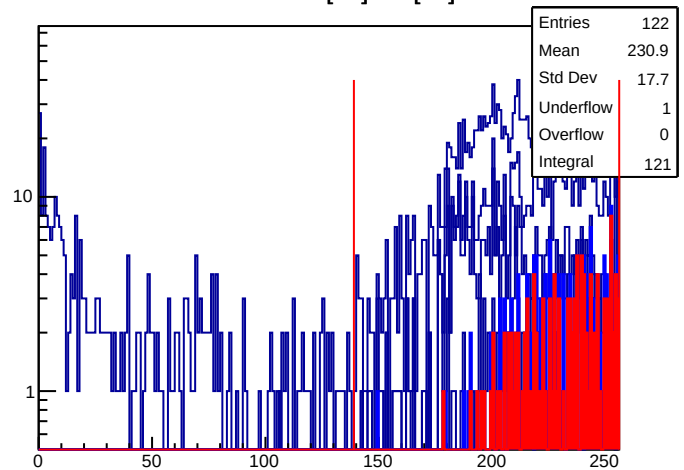

pKurama Sch[52]-Tof[17]
Entries 1094
Mean 0.4398
Std Dev 0.04254
Underflow 0
Overflow 0
Integral 1094

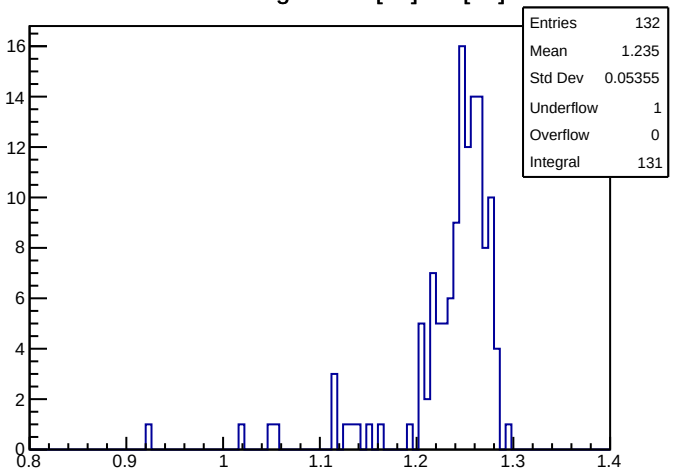

sftx all Sch[52]-Tof[18]
Entries 80
Mean 233
Std Dev 17.24
Underflow 1
Overflow 0
Integral 79
10
1
0
50
100
150
200
250

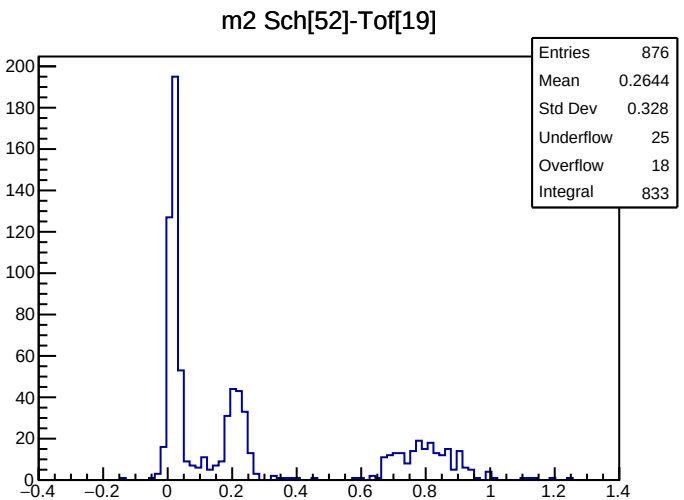

MissMass Sigma Sch[52]-Tof[18]
Entries 86
Mean 1.259
Std Dev 0.06003
Underflow 0
Overflow 0
Integral 86
18
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

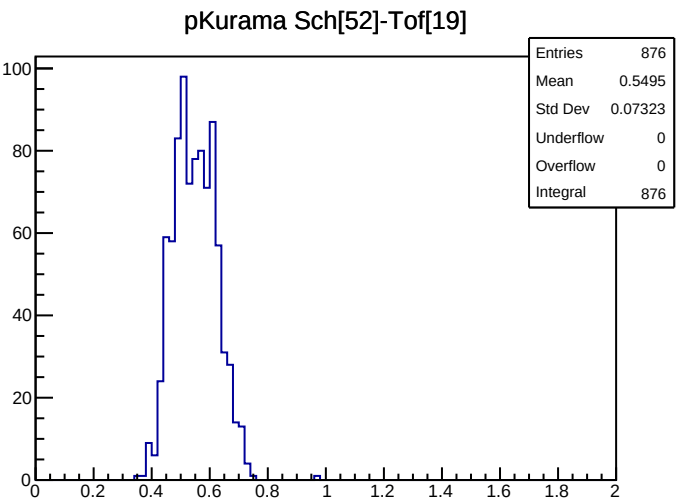

m2 Sch[52]-Tof[18]
Entries 1532
Mean 0.08746
Std Dev 0.2031
Underflow 52
Overflow 25
Integral 1455
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

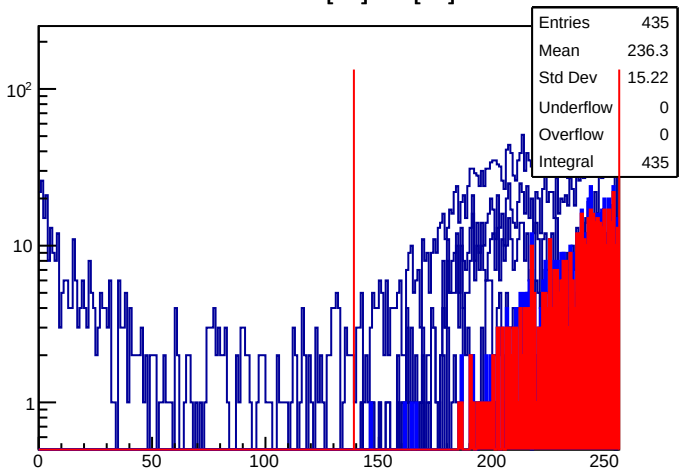

pKurama Sch[52]-Tof[18]
Entries 1532
Mean 0.4846
Std Dev 0.05533
Underflow 0
Overflow 0
Integral 1532
220
200
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

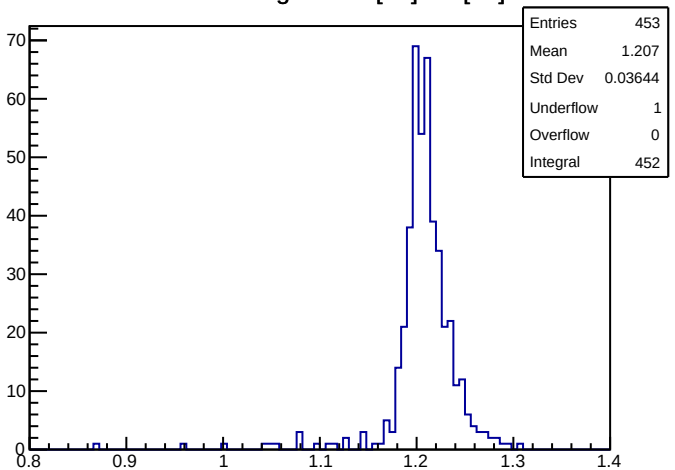

sftx all Sch[52]-Tof[19]
Entries 122
Mean 230.9
Std Dev 17.7
Underflow 1
Overflow 0
Integral 121

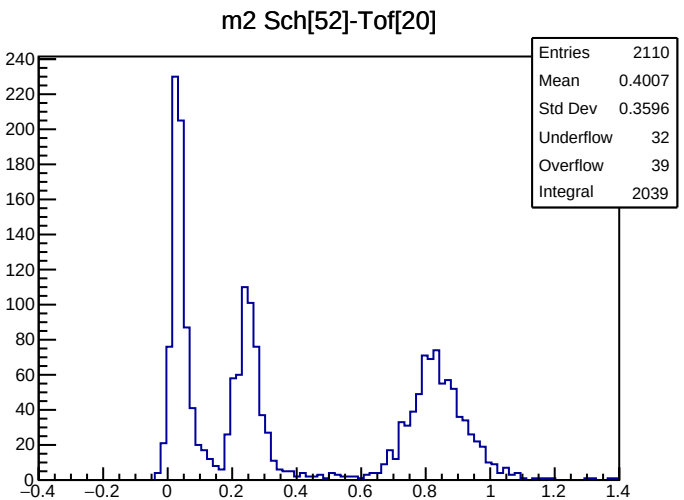

MissMass Sigma Sch[52]-Tof[19]
Entries 132
Mean 1.235
Std Dev 0.05355
Underflow 1
Overflow 0
Integral 131

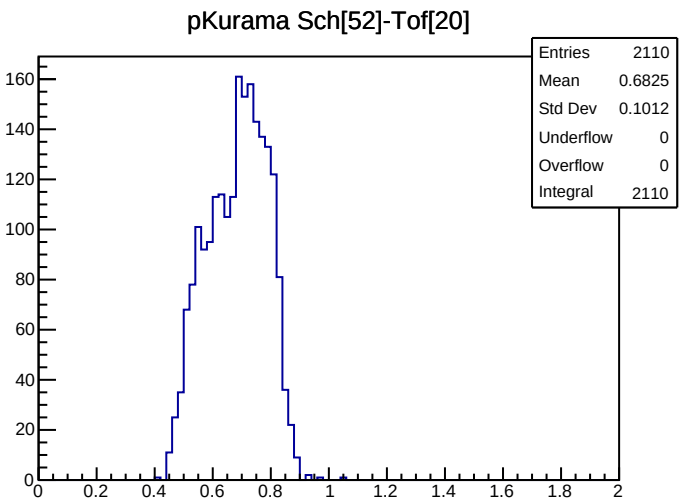

m2 Sch[52]-Tof[19]
Entries 876
Mean 0.2644
Std Dev 0.328
Underflow 25
Overflow 18
Integral 833

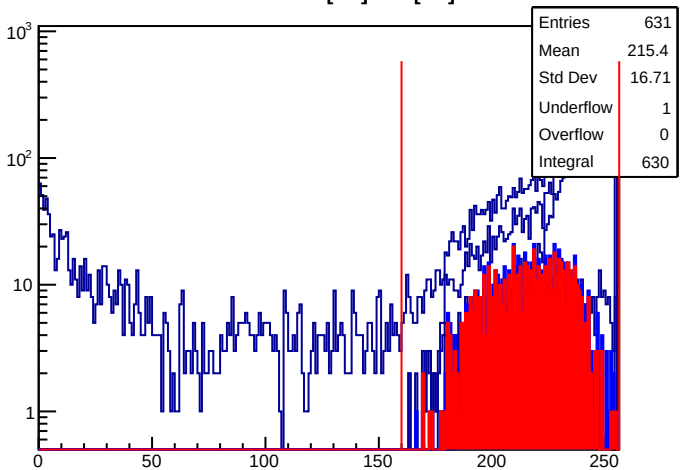

pKurama Sch[52]-Tof[19]
Entries 876
Mean 0.5495
Std Dev 0.07323
Underflow 0
Overflow 0
Integral 876

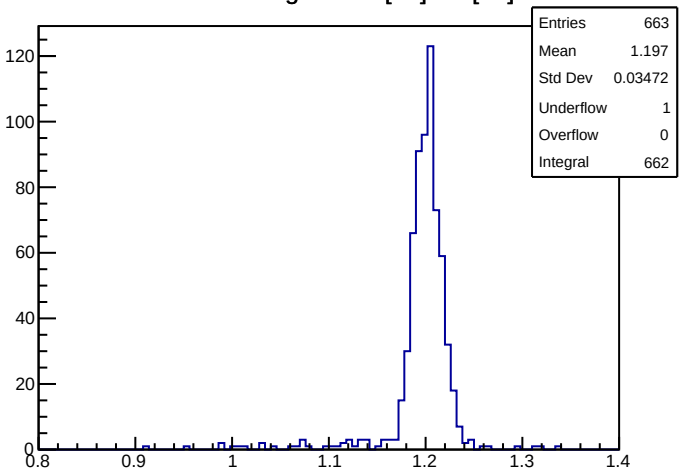

sftx all Sch[52]-Tof[20]
Entries 435
Mean 236.3
Std Dev 15.22
Underflow 0
Overflow 0
Integral 435

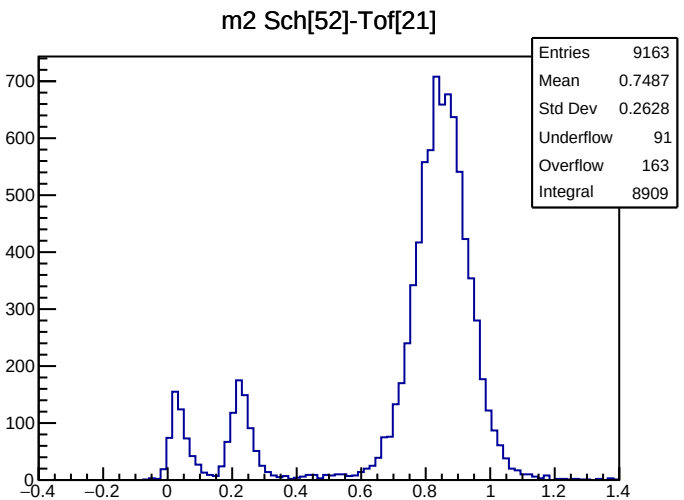

MissMass Sigma Sch[52]-Tof[20]
Entries 453
Mean 1.207
Std Dev 0.03644
Underflow 1
Overflow 0
Integral 452

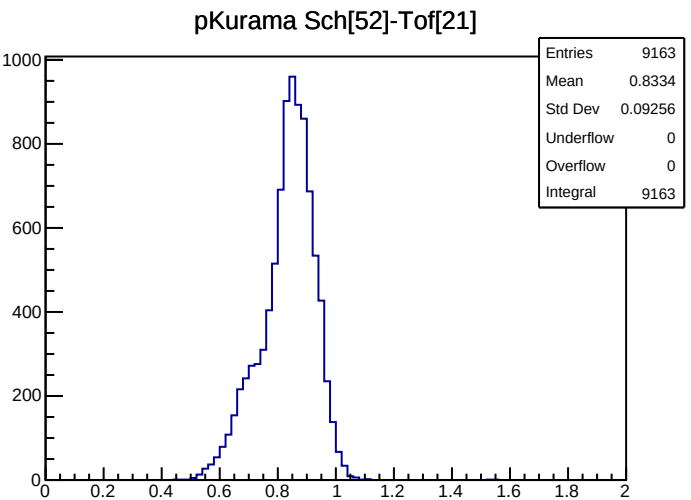

m2 Sch[52]-Tof[20]
Entries 2110
Mean 0.4007
Std Dev 0.3596
Underflow 32
Overflow 39
Integral 2039

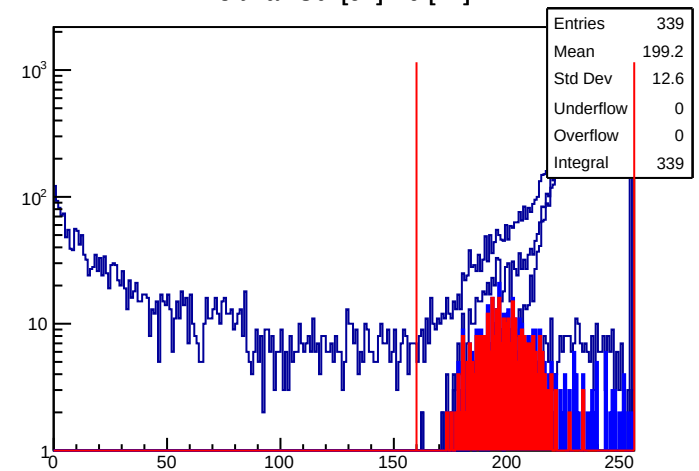

pKurama Sch[52]-Tof[20]
Entries 2110
Mean 0.6825
Std Dev 0.1012
Underflow 0
Overflow 0
Integral 2110

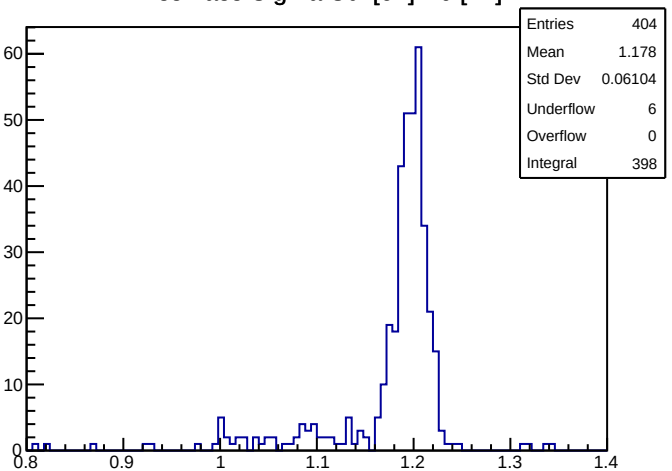

sftx all Sch[52]-Tof[21]
Entries 631
Mean 215.4
Std Dev 16.71
Underflow 1
Overflow 0
Integral 630

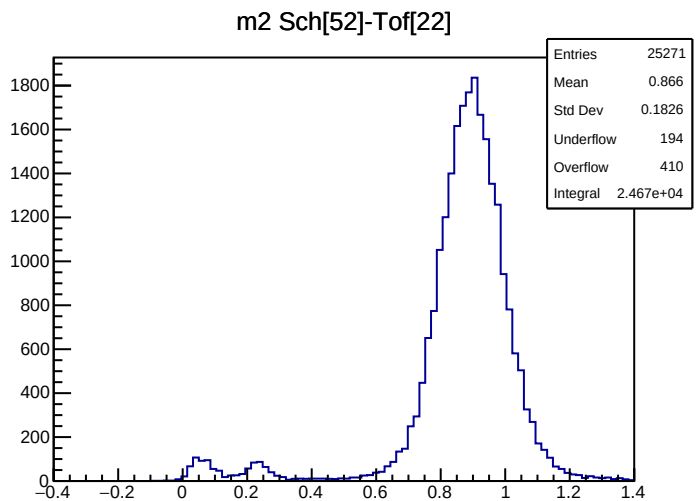

MissMass Sigma Sch[52]-Tof[21]
Entries 663
Mean 1.197
Std Dev 0.03472
Underflow 1
Overflow 0
Integral 662

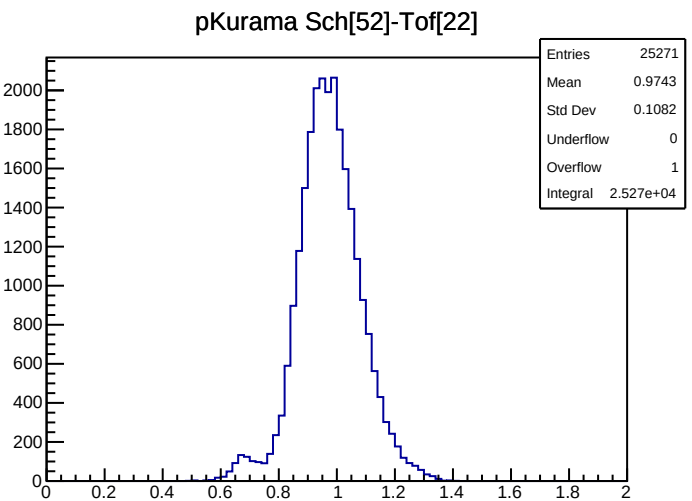

m2 Sch[52]-Tof[21]
Entries 9163
Mean 0.7487
Std Dev 0.2628
Underflow 91
Overflow 163
Integral 8909

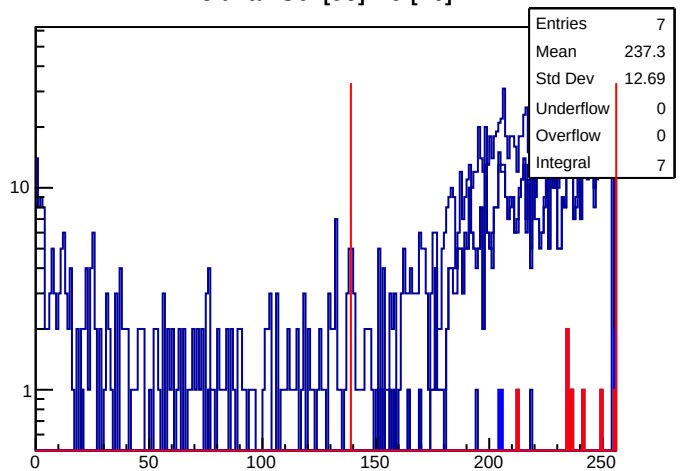

pKurama Sch[52]-Tof[21]
Entries 9163
Mean 0.8334
Std Dev 0.09256
Underflow 0
Overflow 0
Integral 9163

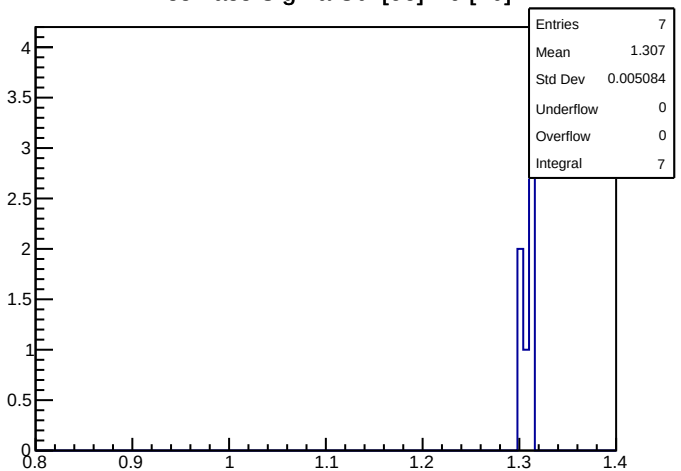

sftx all Sch[52]-Tof[22]
Entries 339
Mean 199.2
Std Dev 12.6
Underflow 0
Overflow 0
Integral 339

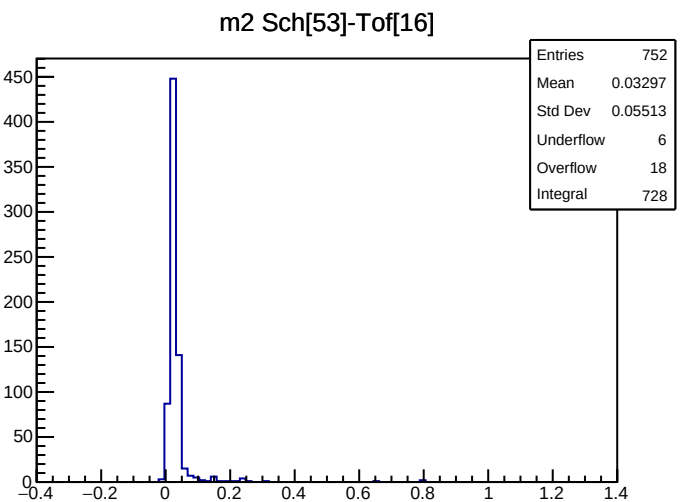

MissMass Sigma Sch[52]-Tof[22]
Entries 404
Mean 1.178
Std Dev 0.06104
Underflow 6
Overflow 0
Integral 398

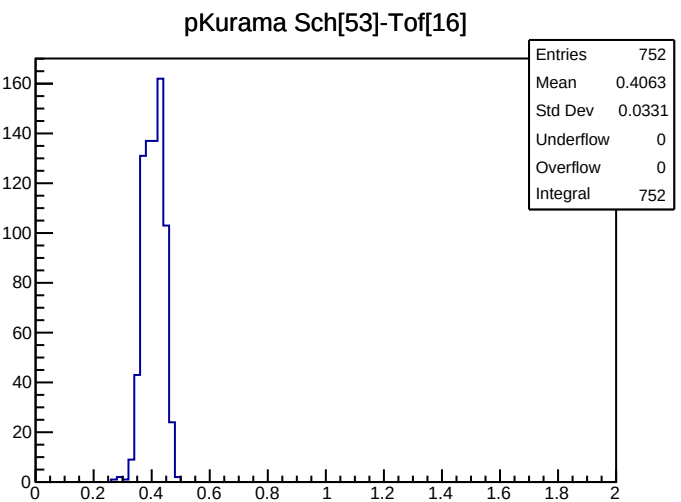

m2 Sch[52]-Tof[22]
Entries 25271
Mean 0.866
Std Dev 0.1826
Underflow 194
Overflow 410
Integral 2.467e+04

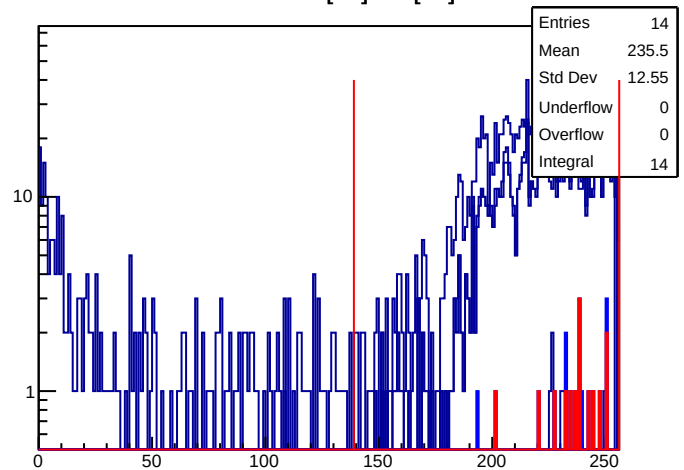

pKurama Sch[52]-Tof[22]
Entries 25271
Mean 0.9743
Std Dev 0.1082
Underflow 0
Overflow 1
Integral 2.527e+04

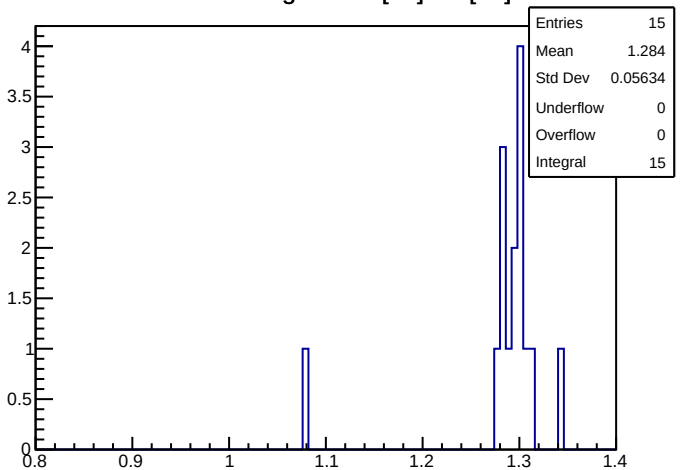

sftx all Sch[53]-Tof[16]
Entries 7
Mean 237.3
Std Dev 12.69
Underflow 0
Overflow 0
Integral 7
10
1
0
50
100
150
200
250

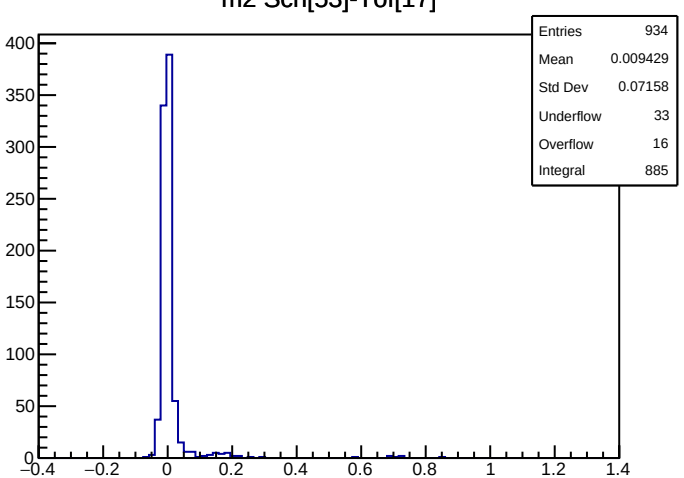

MissMass Sigma Sch[53]-Tof[16]
Entries 7
Mean 1.307
Std Dev 0.005084
Underflow 0
Overflow 0
Integral 7
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

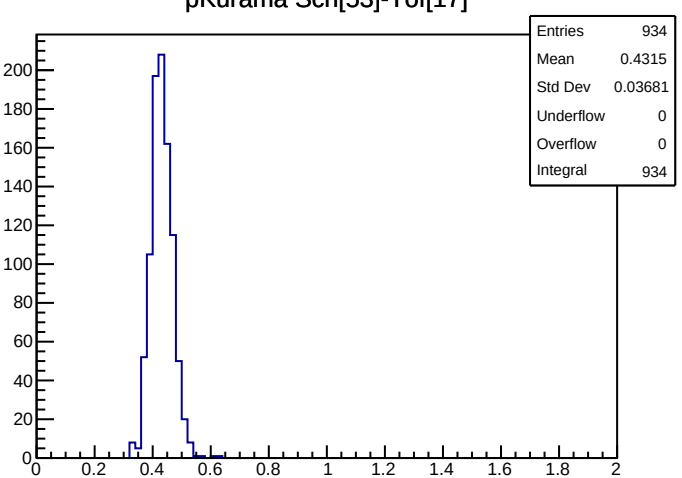

m2 Sch[53]-Tof[16]
Entries 752
Mean 0.03297
Std Dev 0.05513
Underflow 6
Overflow 18
Integral 728
450
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

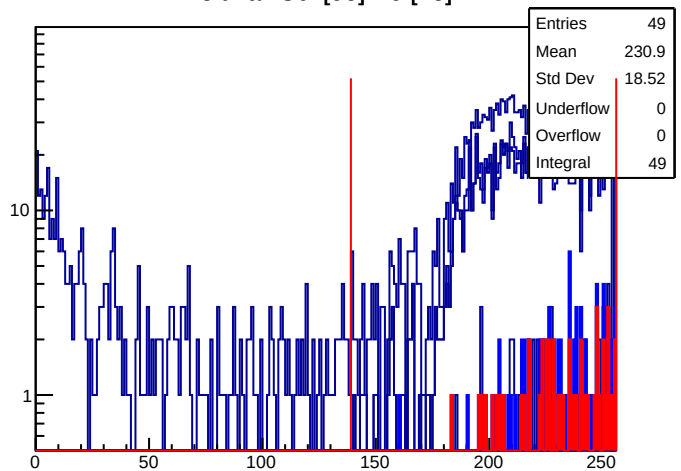

pKurama Sch[53]-Tof[16]
Entries 752
Mean 0.4063
Std Dev 0.0331
Underflow 0
Overflow 0
Integral 752
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

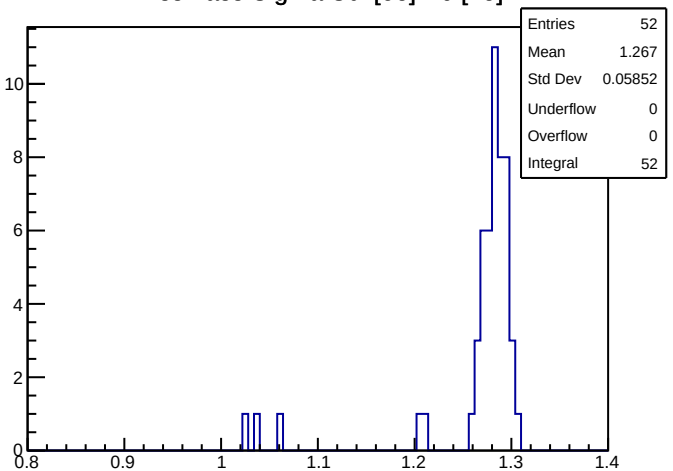

sftx all Sch[53]-Tof[17]
Entries 14
Mean 235.5
Std Dev 12.55
Underflow 0
Overflow 0
Integral 14
10
1
0
50
100
150
200
250

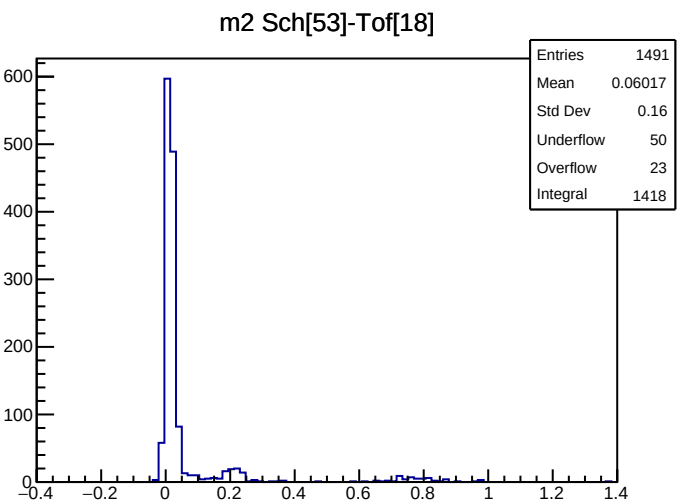

MissMass Sigma Sch[53]-Tof[17]
Entries 15
Mean 1.284
Std Dev 0.05634
Underflow 0
Overflow 0
Integral 15
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

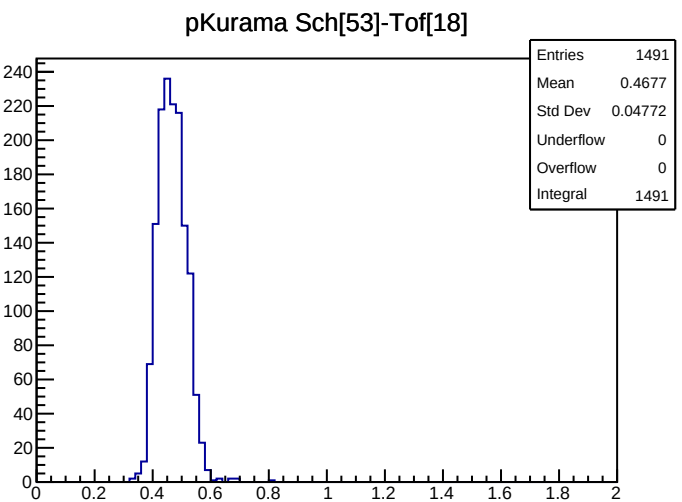

m2 Sch[53]-Tof[17]
Entries 934
Mean 0.009429
Std Dev 0.07158
Underflow 33
Overflow 16
Integral 885
400
350
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

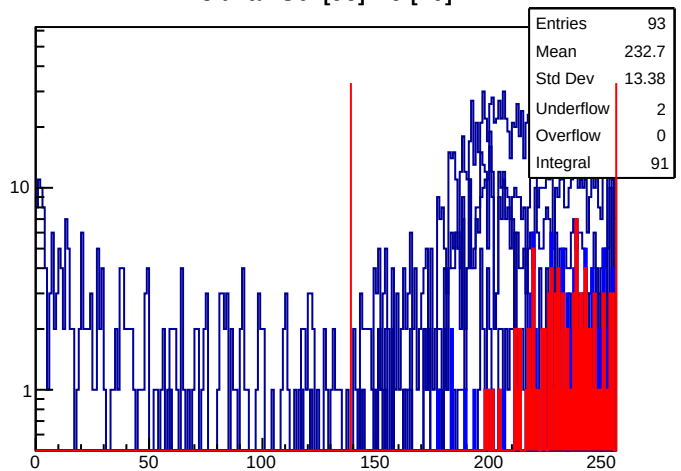

pKurama Sch[53]-Tof[17]
Entries 934
Mean 0.4315
Std Dev 0.03681
Underflow 0
Overflow 0
Integral 934
200
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

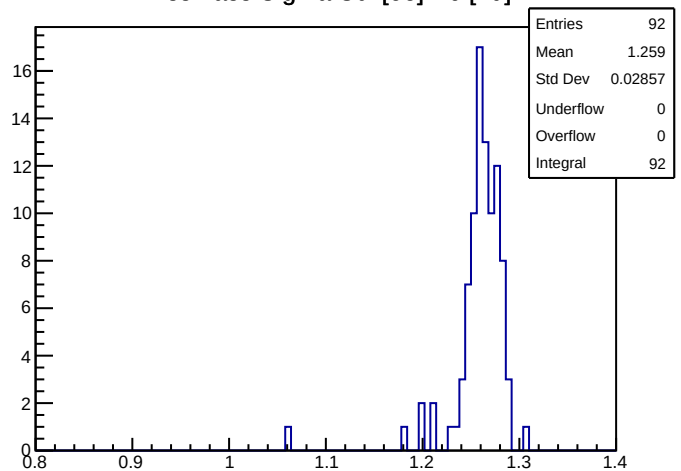

sftx all Sch[53]-Tof[18]
Entries 49
Mean 230.9
Std Dev 18.52
Underflow 0
Overflow 0
Integral 49

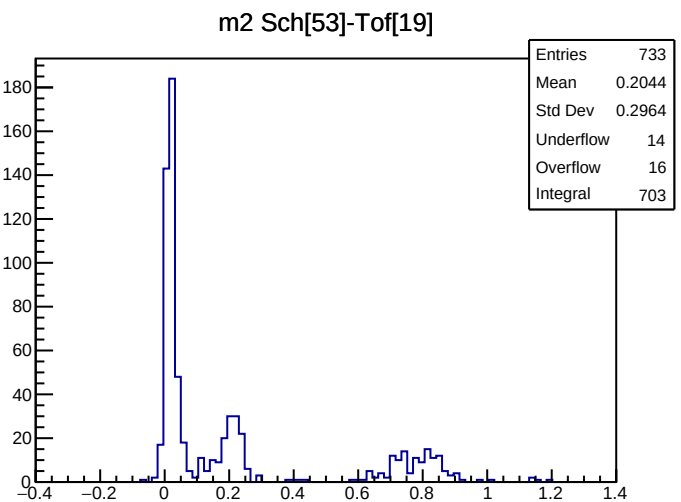

MissMass Sigma Sch[53]-Tof[18]
Entries 52
Mean 1.267
Std Dev 0.05852
Underflow 0
Overflow 0
Integral 52

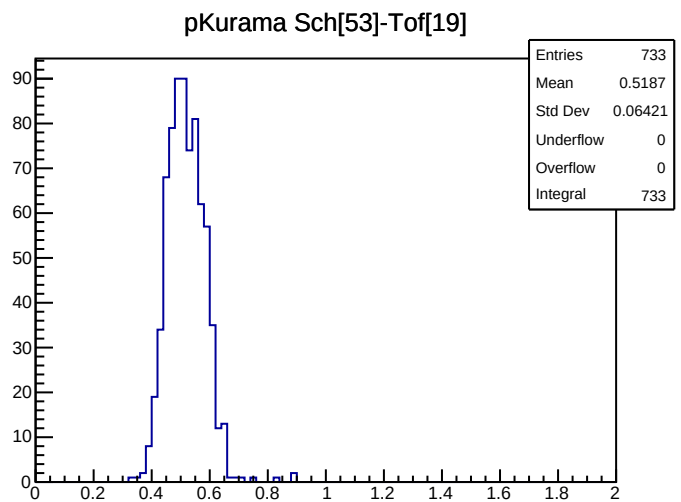

m2 Sch[53]-Tof[18]
Entries 1491
Mean 0.06017
Std Dev 0.16
Underflow 50
Overflow 23
Integral 1418

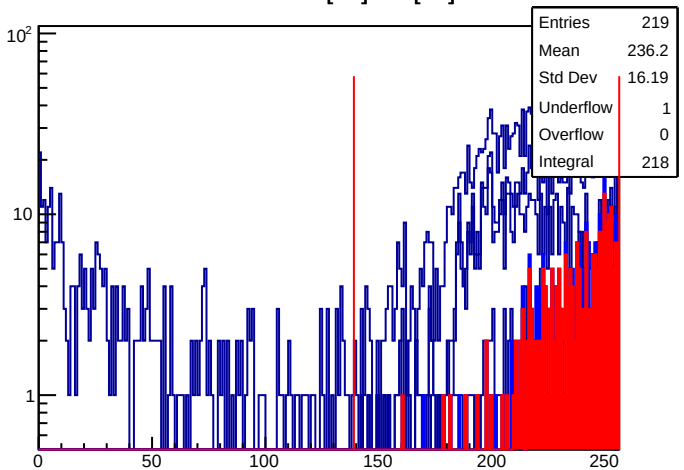

pKurama Sch[53]-Tof[18]
Entries 1491
Mean 0.4677
Std Dev 0.04772
Underflow 0
Overflow 0
Integral 1491

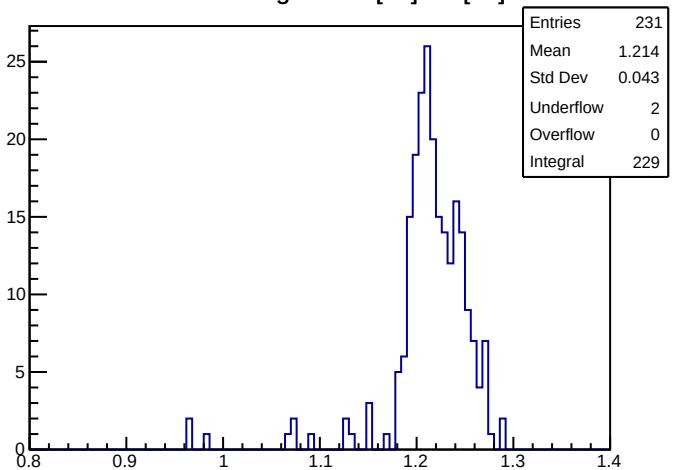

sftx all Sch[53]-Tof[19]
Entries 93
Mean 232.7
Std Dev 13.38
Underflow 2
Overflow 0
Integral 91
10
1
0
50
100
150
200
250

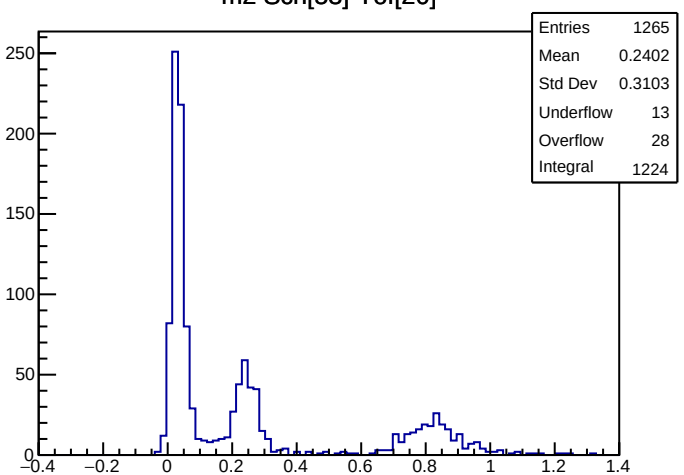

MissMass Sigma Sch[53]-Tof[19]
Entries 92
Mean 1.259
Std Dev 0.02857
Underflow 0
Overflow 0
Integral 92
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

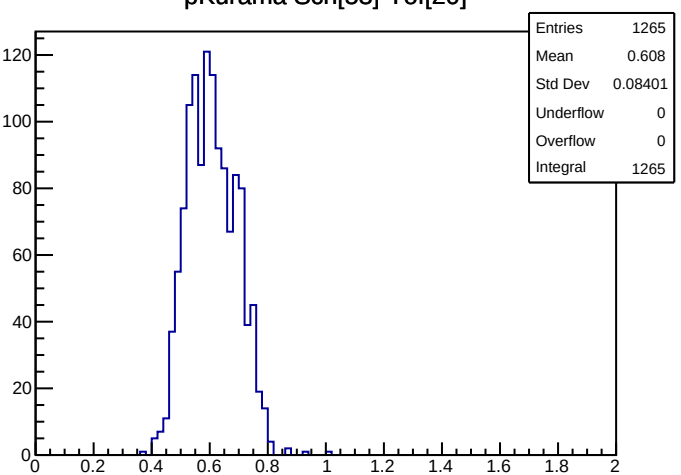

m2 Sch[53]-Tof[19]
Entries 733
Mean 0.2044
Std Dev 0.2964
Underflow 14
Overflow 16
Integral 703
180
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

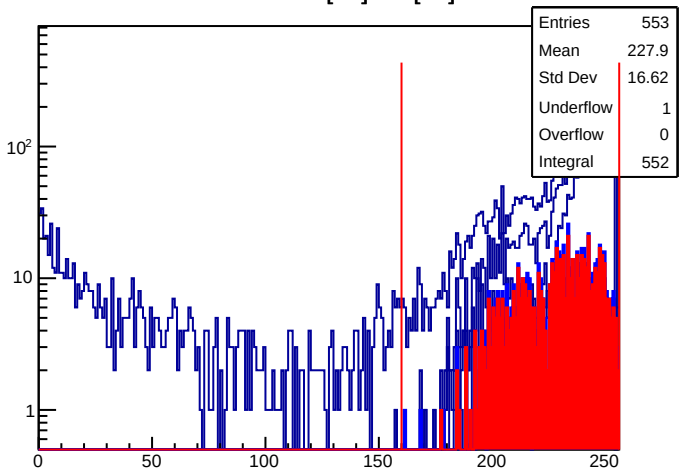

pKurama Sch[53]-Tof[19]
Entries 733
Mean 0.5187
Std Dev 0.06421
Underflow 0
Overflow 0
Integral 733
90
80
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

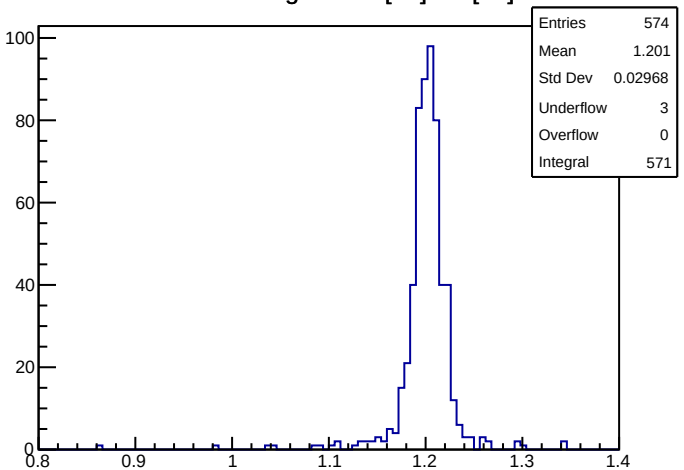

sftx all Sch[53]-Tof[20]
Entries 219
Mean 236.2
Std Dev 16.19
Underflow 1
Overflow 0
Integral 218

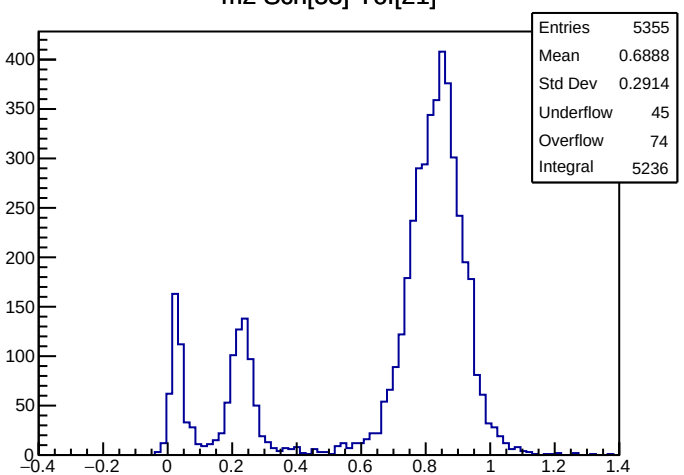

MissMass Sigma Sch[53]-Tof[20]
Entries 231
Mean 1.214
Std Dev 0.043
Underflow 2
Overflow 0
Integral 229

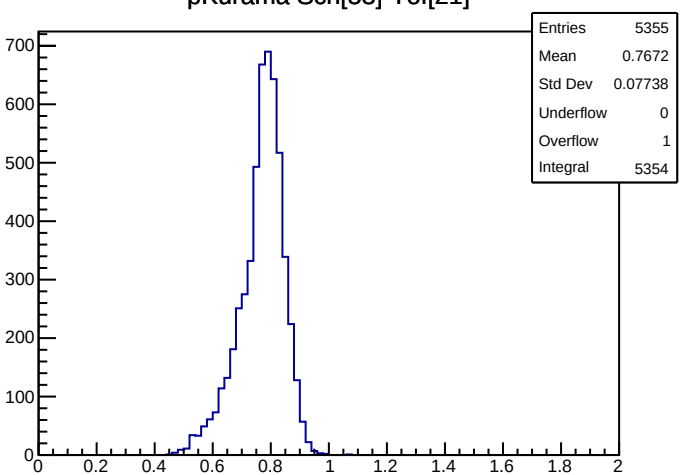

m2 Sch[53]-Tof[20]
Entries 1265
Mean 0.2402
Std Dev 0.3103
Underflow 13
Overflow 28
Integral 1224

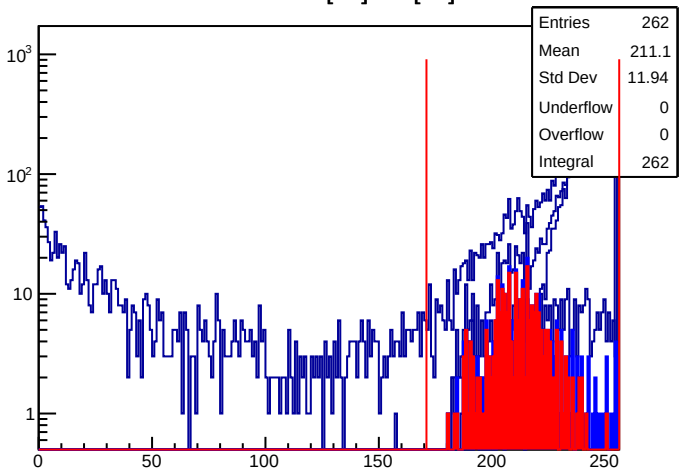

pKurama Sch[53]-Tof[20]
Entries 1265
Mean 0.608
Std Dev 0.08401
Underflow 0
Overflow 0
Integral 1265

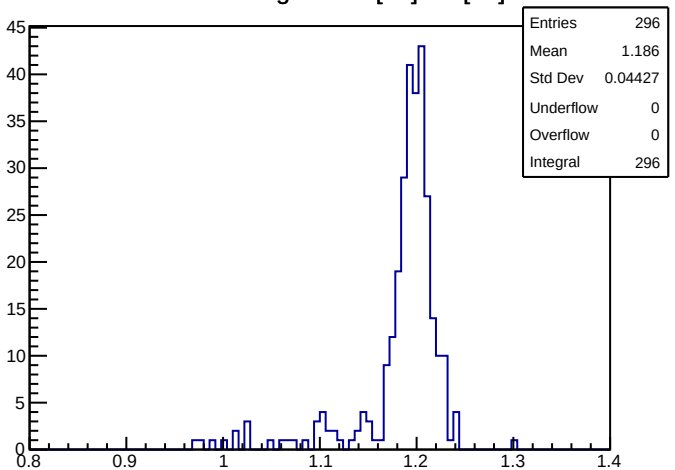

sftx all Sch[53]-Tof[21]
Entries 553
Mean 227.9
Std Dev 16.62
Underflow 1
Overflow 0
Integral 552

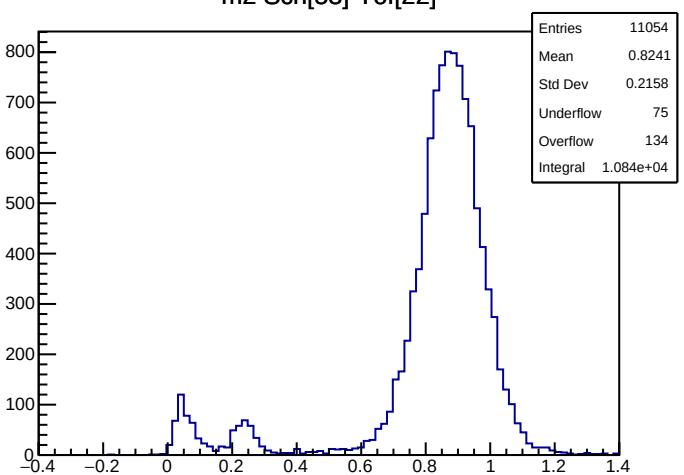

MissMass Sigma Sch[53]-Tof[21]
Entries 574
Mean 1.201
Std Dev 0.02968
Underflow 3
Overflow 0
Integral 571

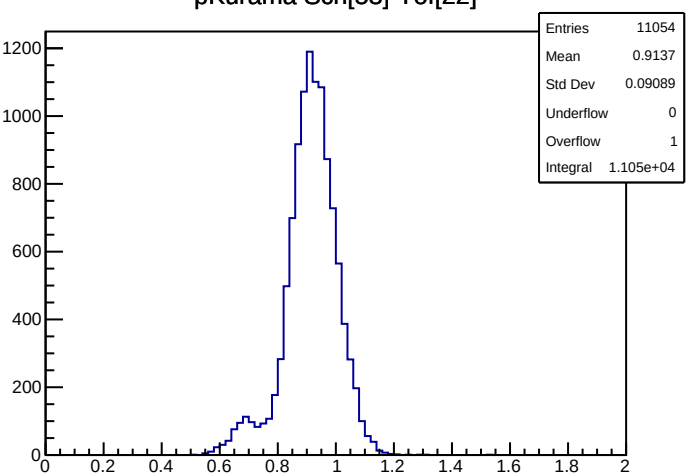

m2 Sch[53]-Tof[21]
Entries 5355
Mean 0.6888
Std Dev 0.2914
Underflow 45
Overflow 74
Integral 5236

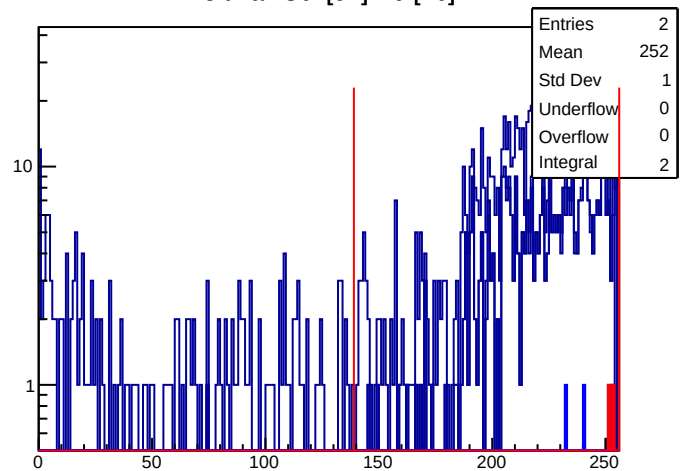

pKurama Sch[53]-Tof[21]
Entries 5355
Mean 0.7672
Std Dev 0.07738
Underflow 0
Overflow 1
Integral 5354

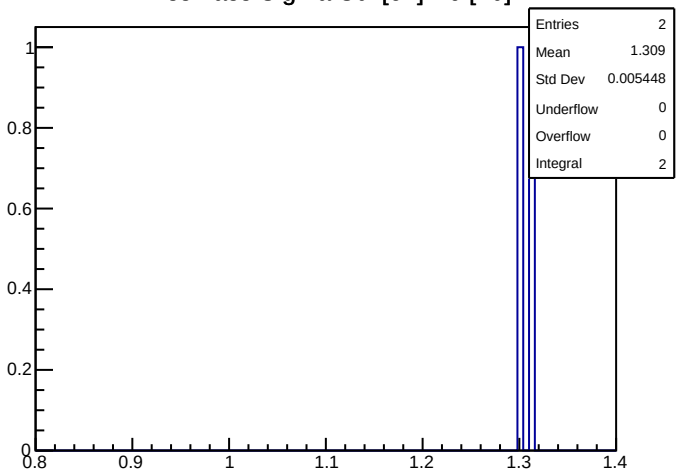

sftx all Sch[53]-Tof[22]
Entries 262
Mean 211.1
Std Dev 11.94
Underflow 0
Overflow 0
Integral 262

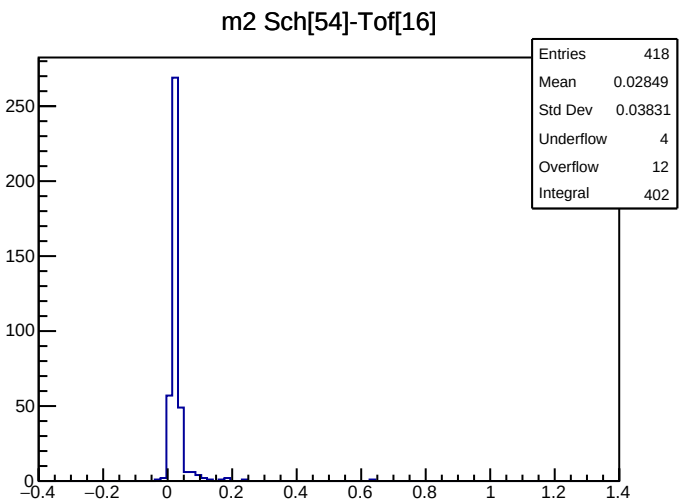

MissMass Sigma Sch[53]-Tof[22]
Entries 296
Mean 1.186
Std Dev 0.04427
Underflow 0
Overflow 0
Integral 296

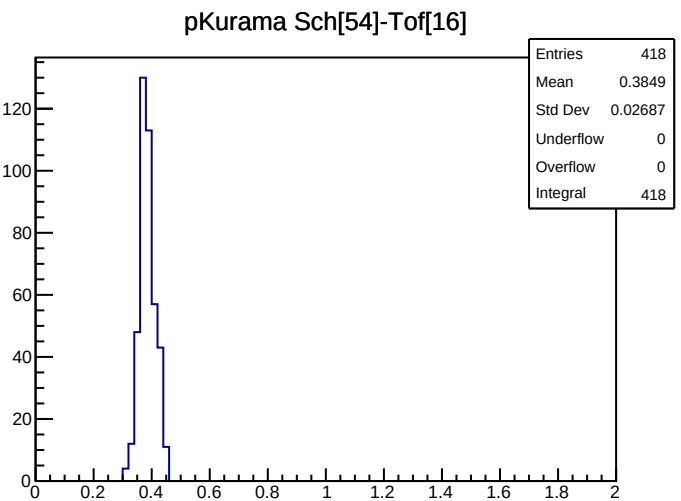

m2 Sch[53]-Tof[22]
Entries 11054
Mean 0.8241
Std Dev 0.2158
Underflow 75
Overflow 134
Integral 1.084e+04

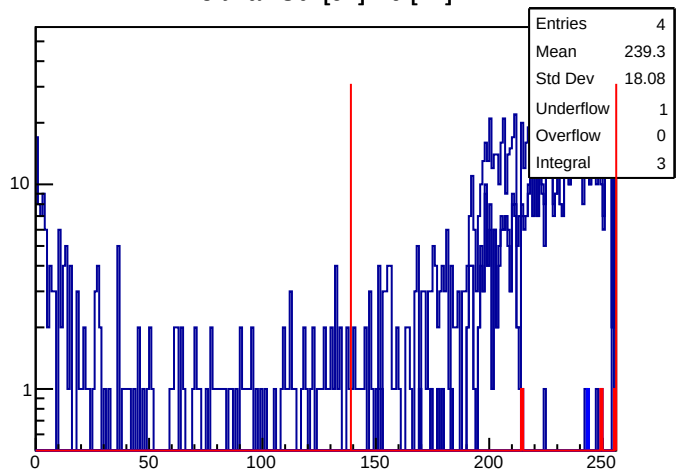

pKurama Sch[53]-Tof[22]
Entries 11054
Mean 0.9137
Std Dev 0.09089
Underflow 0
Overflow 1
Integral 1.105e+04

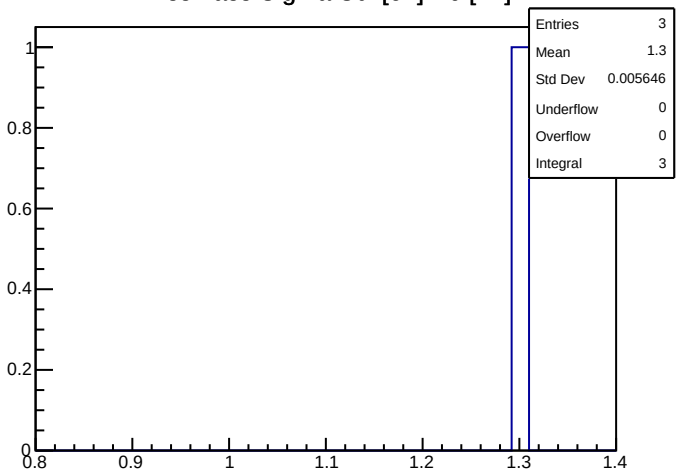

sftx all Sch[54]-Tof[16]
Entries 2
Mean 252
Std Dev 1
Underflow 0
Overflow 0
Integral 2
10
1
0
50
100
150
200
250

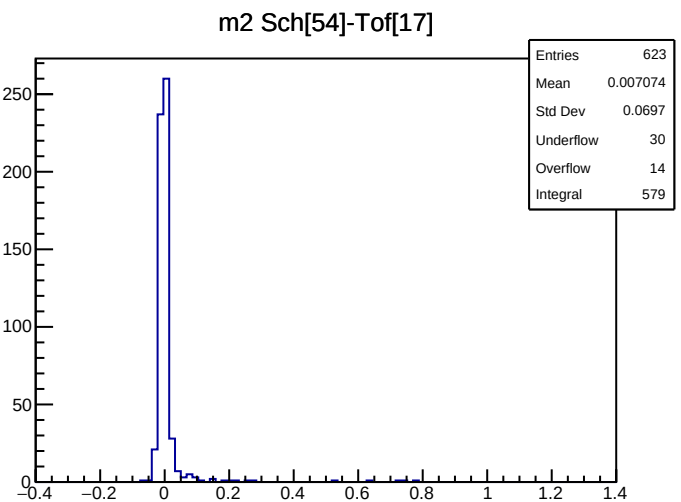

MissMass Sigma Sch[54]-Tof[16]
Entries 2
Mean 1.309
Std Dev 0.005448
Underflow 0
Overflow 0
Integral 2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

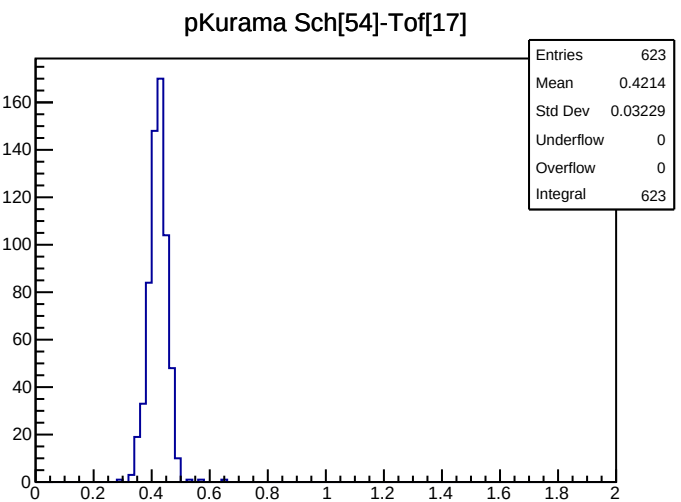

m2 Sch[54]-Tof[16]
Entries 418
Mean 0.02849
Std Dev 0.03831
Underflow 4
Overflow 12
Integral 402
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

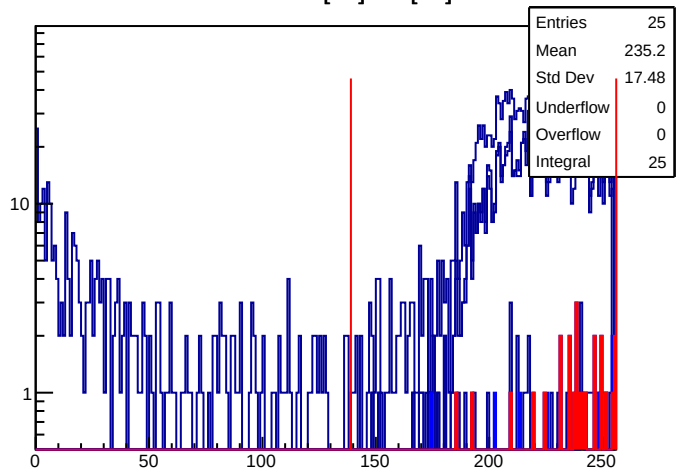

pKurama Sch[54]-Tof[16]
Entries 418
Mean 0.3849
Std Dev 0.02687
Underflow 0
Overflow 0
Integral 418
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

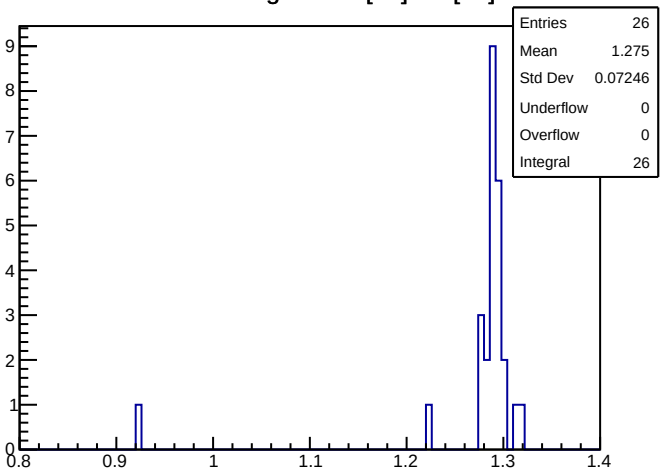

sftx all Sch[54]-Tof[17]
Entries 4
Mean 239.3
Std Dev 18.08
Underflow 1
Overflow 0
Integral 3
10
1
0
50
100
150
200
250

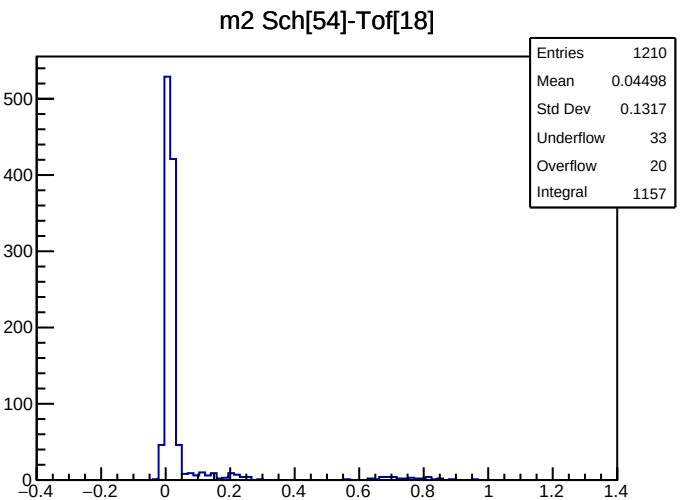

MissMass Sigma Sch[54]-Tof[17]
Entries 3
Mean 1.3
Std Dev 0.005646
Underflow 0
Overflow 0
Integral 3
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

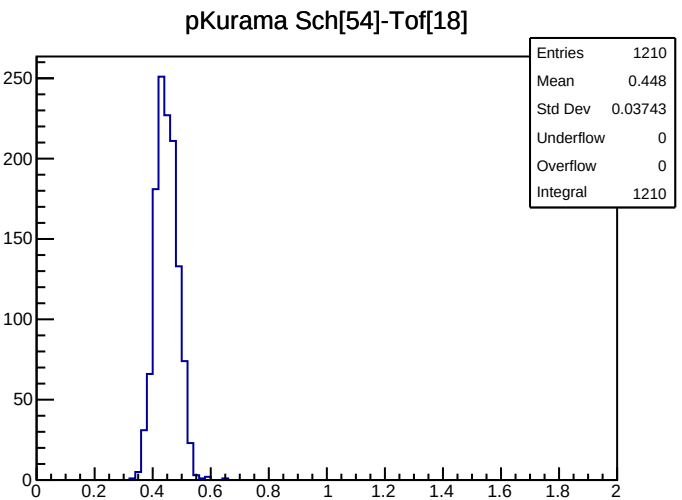

m2 Sch[54]-Tof[17]
Entries 623
Mean 0.007074
Std Dev 0.0697
Underflow 30
Overflow 14
Integral 579
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

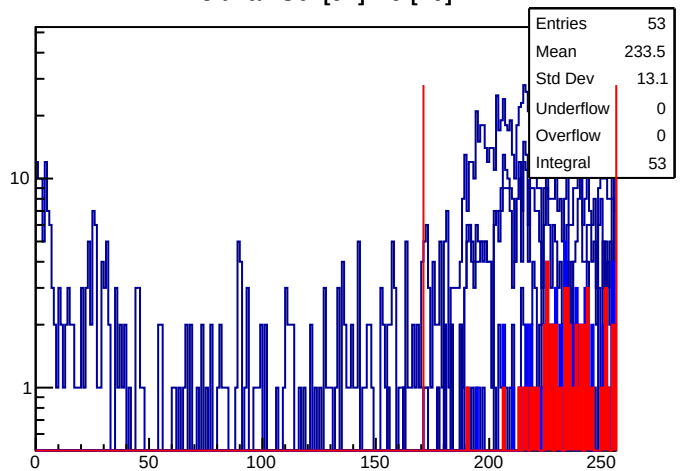

pKurama Sch[54]-Tof[17]
Entries 623
Mean 0.4214
Std Dev 0.03229
Underflow 0
Overflow 0
Integral 623
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

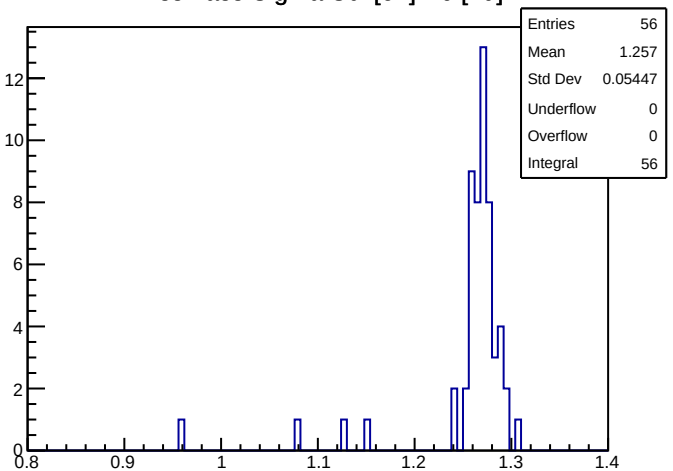

sftx all Sch[54]-Tof[18]
Entries 25
Mean 235.2
Std Dev 17.48
Underflow 0
Overflow 0
Integral 25
10
1
0
50
100
150
200
250

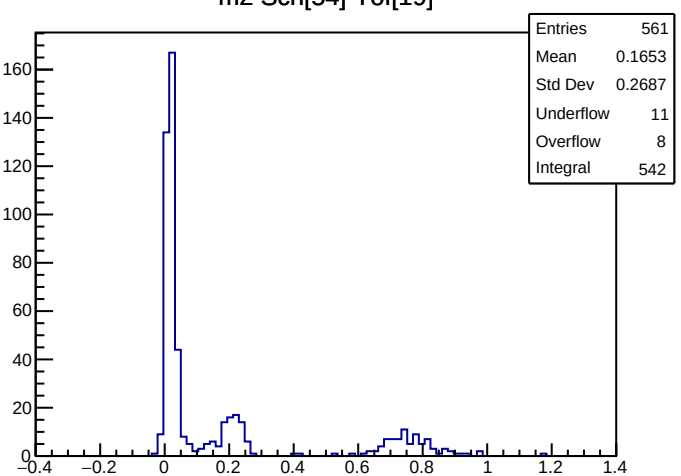

MissMass Sigma Sch[54]-Tof[18]
Entries 26
Mean 1.275
Std Dev 0.07246
Underflow 0
Overflow 0
Integral 26
9
8
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

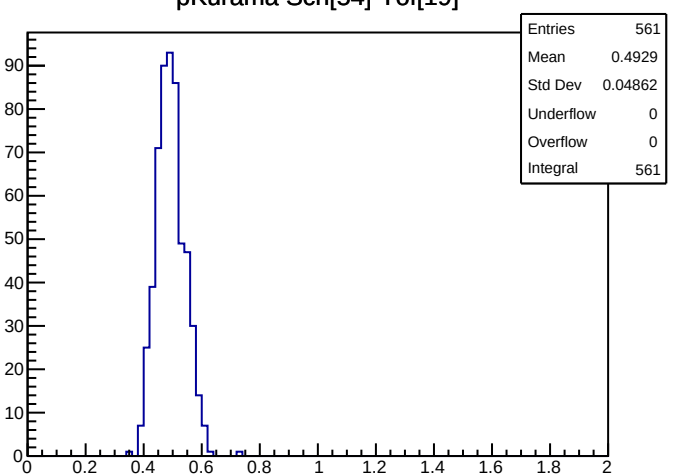

m2 Sch[54]-Tof[18]
Entries 1210
Mean 0.04498
Std Dev 0.1317
Underflow 33
Overflow 20
Integral 1157
500
400
300
200
100
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

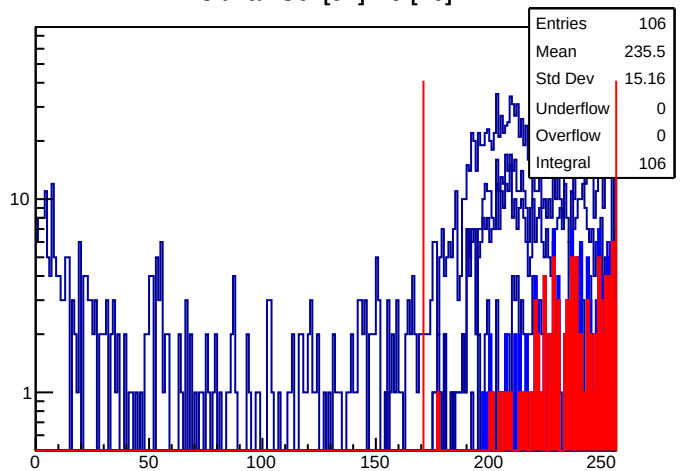

pKurama Sch[54]-Tof[18]
Entries 1210
Mean 0.448
Std Dev 0.03743
Underflow 0
Overflow 0
Integral 1210
250
200
150
100
50
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

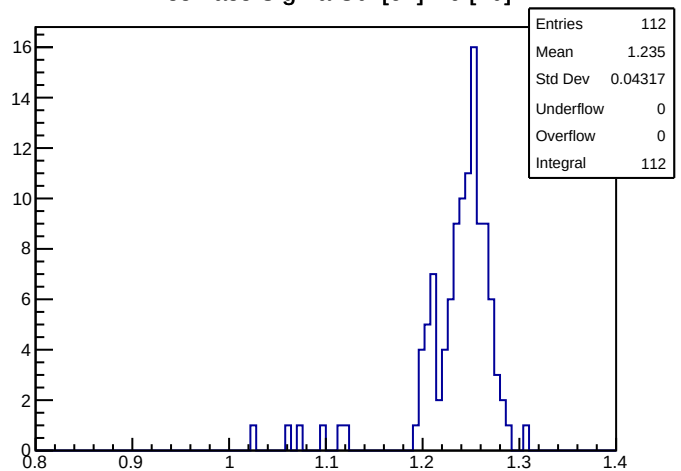

sftx all Sch[54]-Tof[19]
Entries 53
Mean 233.5
Std Dev 13.1
Underflow 0
Overflow 0
Integral 53
10
1
0
50
100
150
200
250

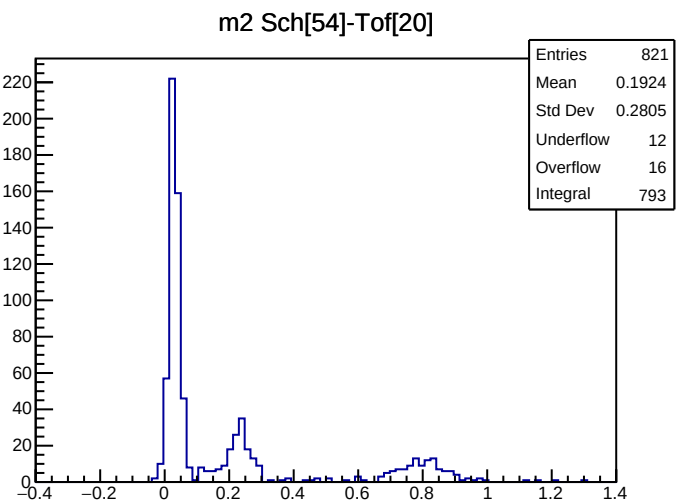

MissMass Sigma Sch[54]-Tof[19]
Entries 56
Mean 1.257
Std Dev 0.05447
Underflow 0
Overflow 0
Integral 56
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

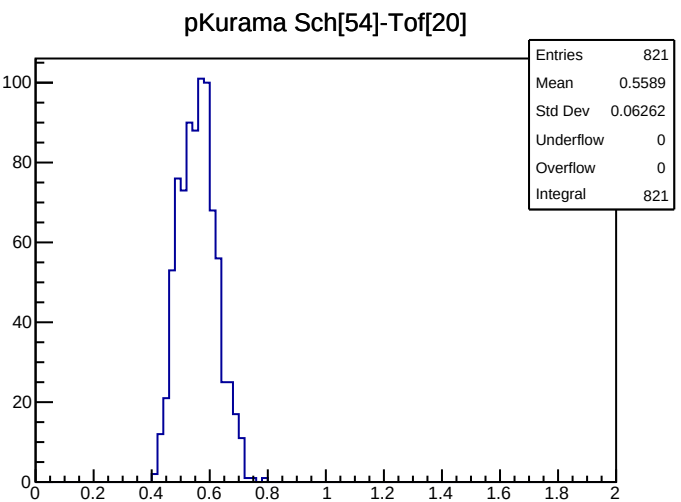

m2 Sch[54]-Tof[19]
Entries 561
Mean 0.1653
Std Dev 0.2687
Underflow 11
Overflow 8
Integral 542
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

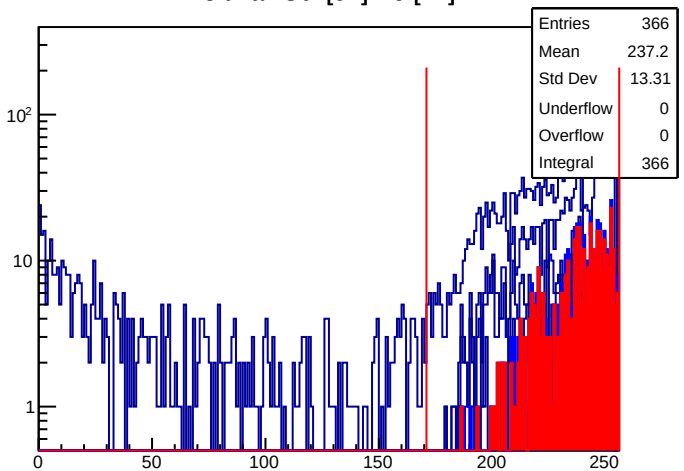

pKurama Sch[54]-Tof[19]
Entries 561
Mean 0.4929
Std Dev 0.04862
Underflow 0
Overflow 0
Integral 561
90
80
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

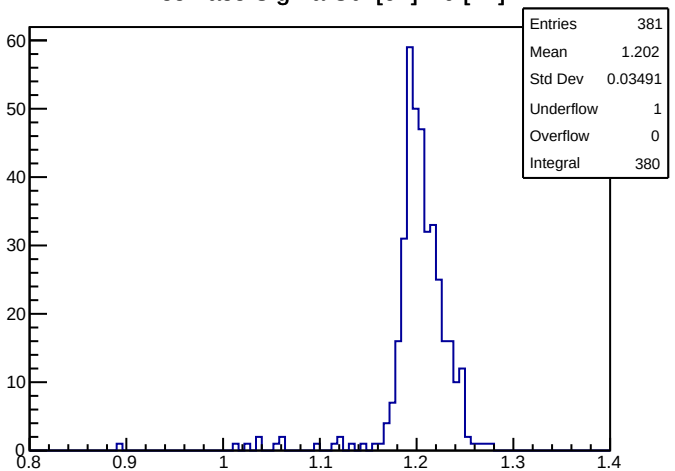

sftx all Sch[54]-Tof[20]
Entries 106
Mean 235.5
Std Dev 15.16
Underflow 0
Overflow 0
Integral 106
10
1
0
50
100
150
200
250

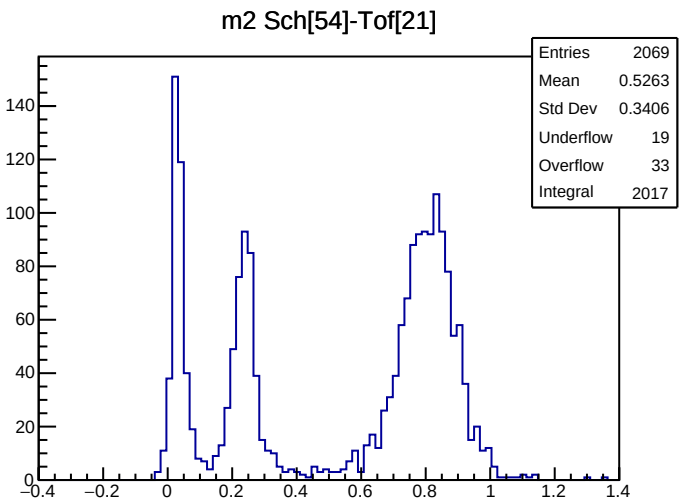

MissMass Sigma Sch[54]-Tof[20]
Entries 112
Mean 1.235
Std Dev 0.04317
Underflow 0
Overflow 0
Integral 112
16
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

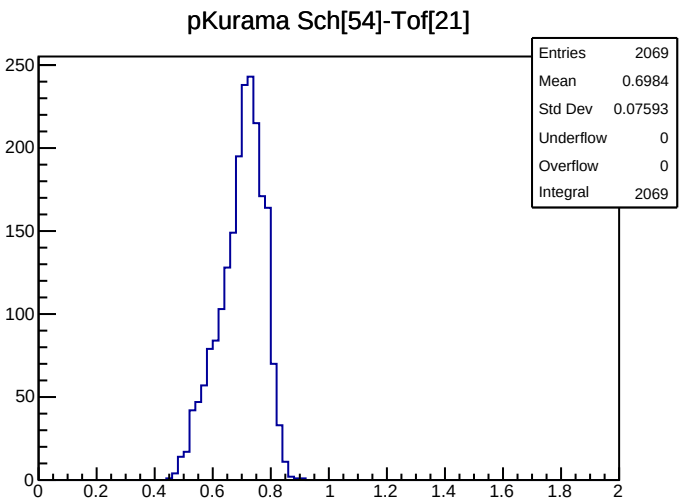

m2 Sch[54]-Tof[20]
Entries 821
Mean 0.1924
Std Dev 0.2805
Underflow 12
Overflow 16
Integral 793
220
200
180
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

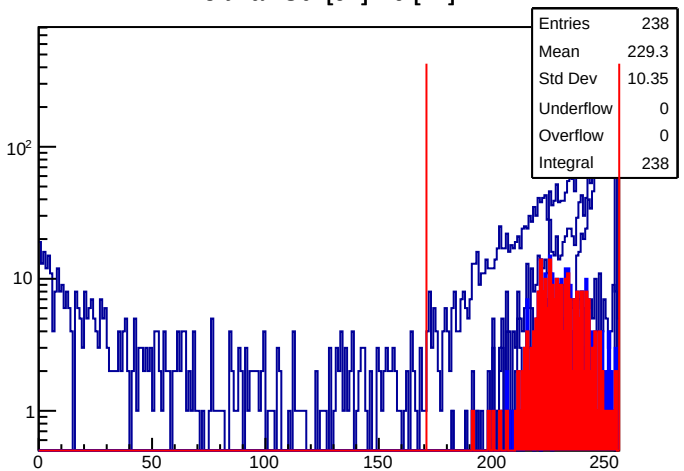

pKurama Sch[54]-Tof[20]
Entries 821
Mean 0.5589
Std Dev 0.06262
Underflow 0
Overflow 0
Integral 821
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

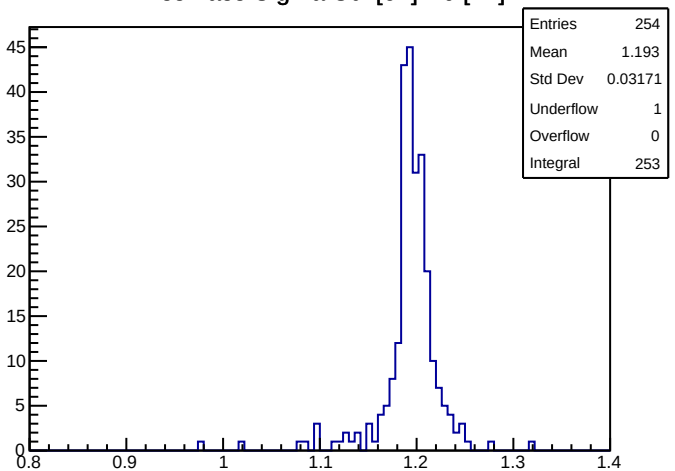

sftx all Sch[54]-Tof[21]
Entries 366
Mean 237.2
Std Dev 13.31
Underflow 0
Overflow 0
Integral 366

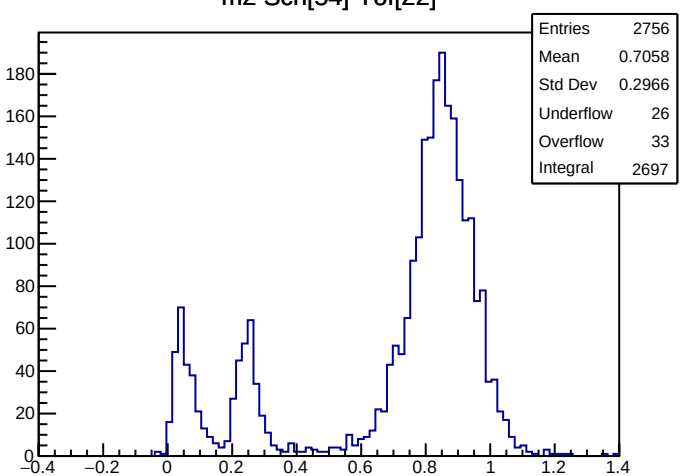

MissMass Sigma Sch[54]-Tof[21]
Entries 381
Mean 1.202
Std Dev 0.03491
Underflow 1
Overflow 0
Integral 380

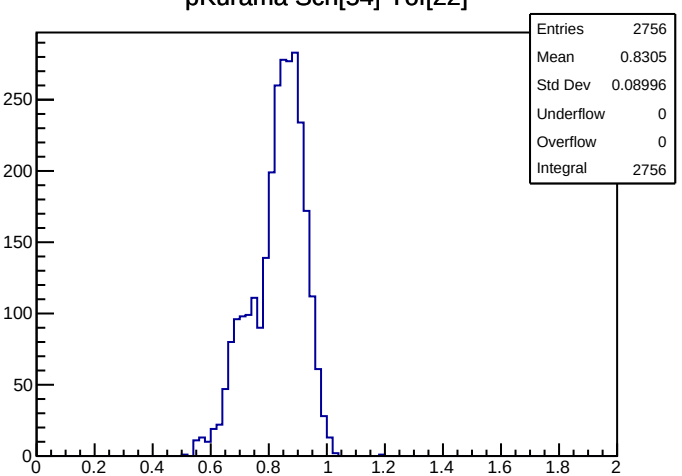

m2 Sch[54]-Tof[21]
Entries 2069
Mean 0.5263
Std Dev 0.3406
Underflow 19
Overflow 33
Integral 2017

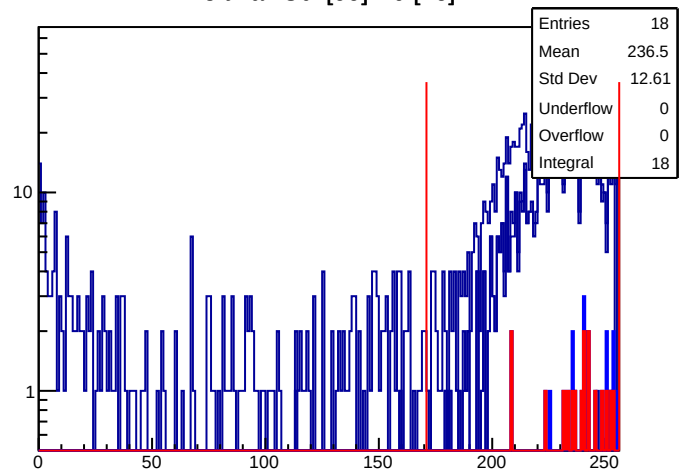

pKurama Sch[54]-Tof[21]
Entries 2069
Mean 0.6984
Std Dev 0.07593
Underflow 0
Overflow 0
Integral 2069

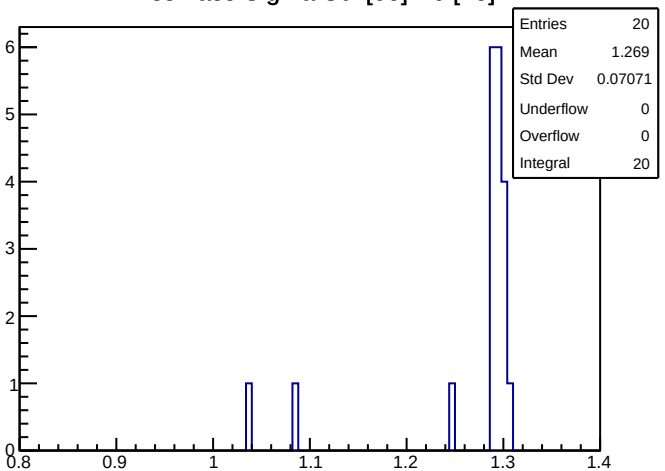

sftx all Sch[54]-Tof[22]
Entries 238
Mean 229.3
Std Dev 10.35
Underflow 0
Overflow 0
Integral 238

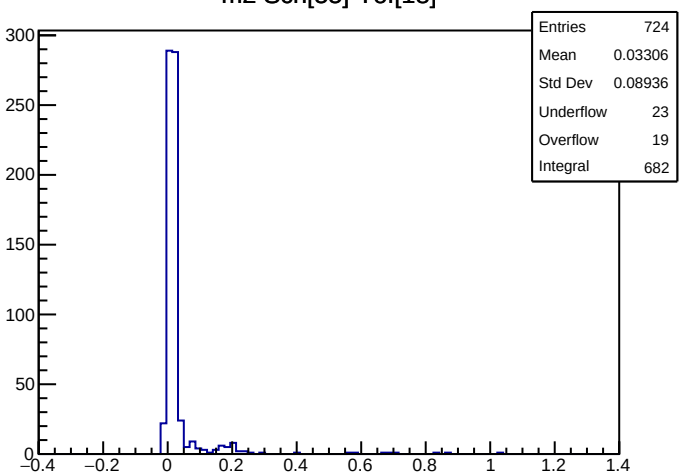

MissMass Sigma Sch[54]-Tof[22]
Entries 254
Mean 1.193
Std Dev 0.03171
Underflow 1
Overflow 0
Integral 253

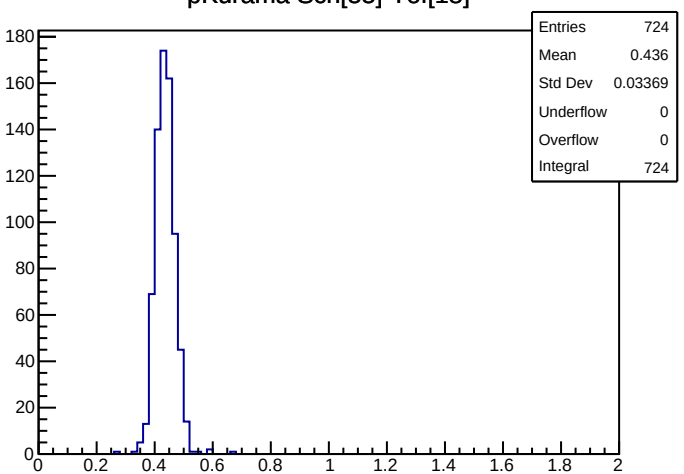

m2 Sch[54]-Tof[22]
Entries 2756
Mean 0.7058
Std Dev 0.2966
Underflow 26
Overflow 33
Integral 2697

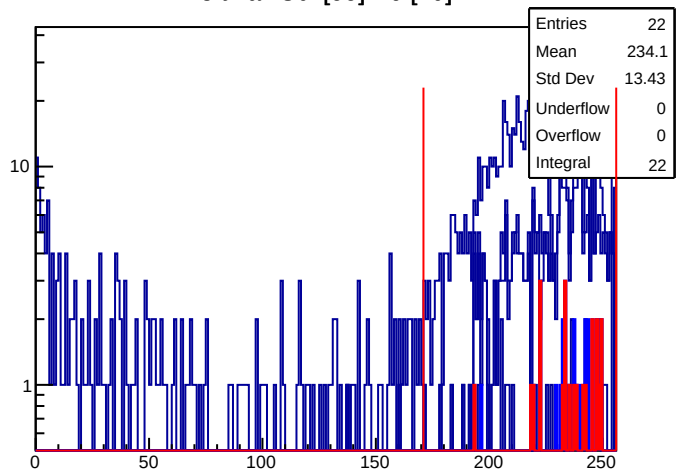

pKurama Sch[54]-Tof[22]
Entries 2756
Mean 0.8305
Std Dev 0.08996
Underflow 0
Overflow 0
Integral 2756

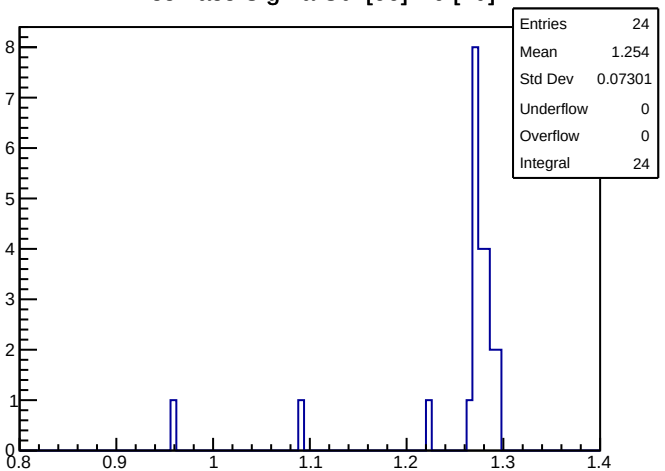

sftx all Sch[55]-Tof[18]
Entries 18
Mean 236.5
Std Dev 12.61
Underflow 0
Overflow 0
Integral 18
10
1
0
50
100
150
200
250

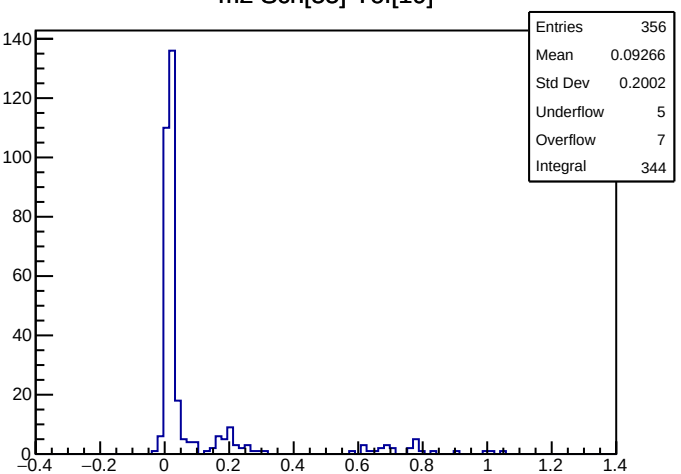

MissMass Sigma Sch[55]-Tof[18]
Entries 20
Mean 1.269
Std Dev 0.07071
Underflow 0
Overflow 0
Integral 20
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

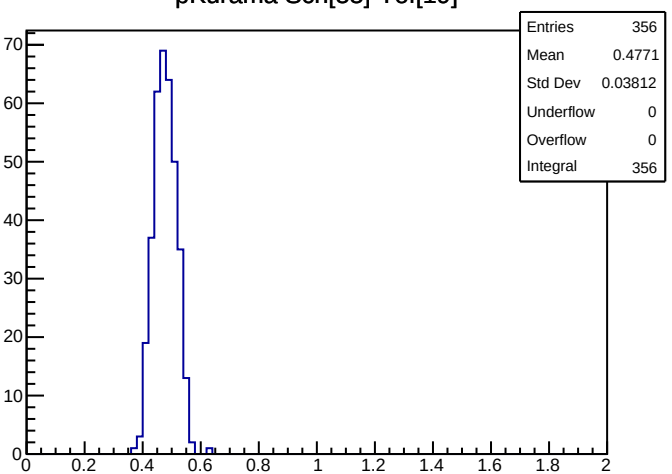

m2 Sch[55]-Tof[18]
Entries 724
Mean 0.03306
Std Dev 0.08936
Underflow 23
Overflow 19
Integral 682
300
250
200
150
100
50
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

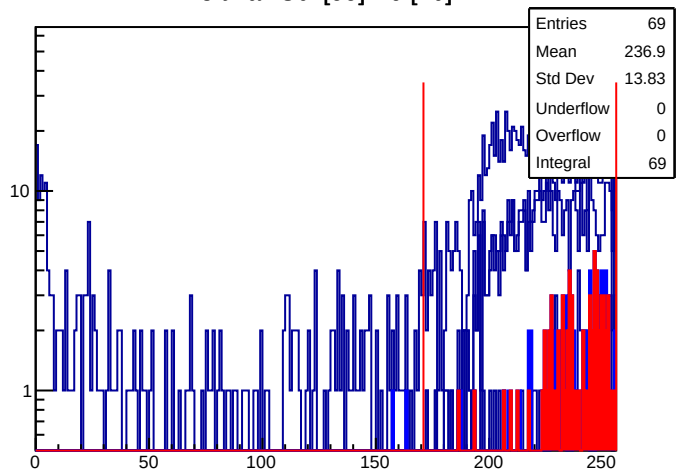

pKurama Sch[55]-Tof[18]
Entries 724
Mean 0.436
Std Dev 0.03369
Underflow 0
Overflow 0
Integral 724
180
160
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

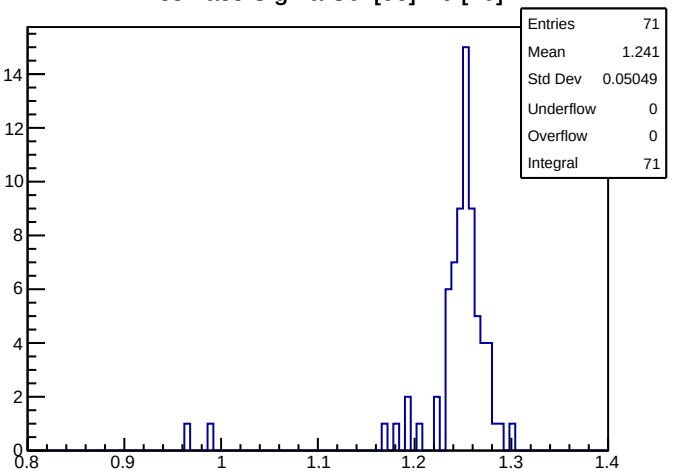

sftx all Sch[55]-Tof[19]
Entries 22
Mean 234.1
Std Dev 13.43
Underflow 0
Overflow 0
Integral 22
10
1
0
50
100
150
200
250

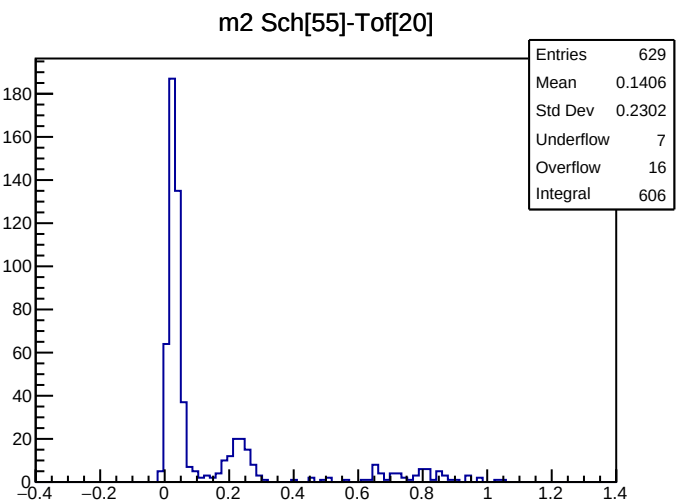

MissMass Sigma Sch[55]-Tof[19]
Entries 24
Mean 1.254
Std Dev 0.07301
Underflow 0
Overflow 0
Integral 24
8
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

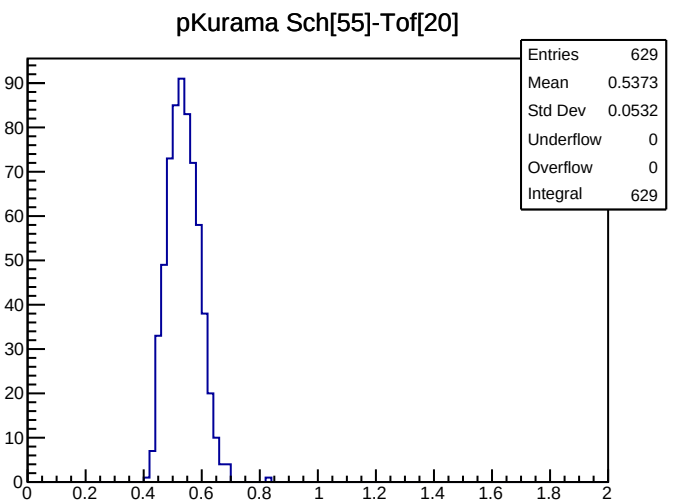

m2 Sch[55]-Tof[19]
Entries 356
Mean 0.09266
Std Dev 0.2002
Underflow 5
Overflow 7
Integral 344
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

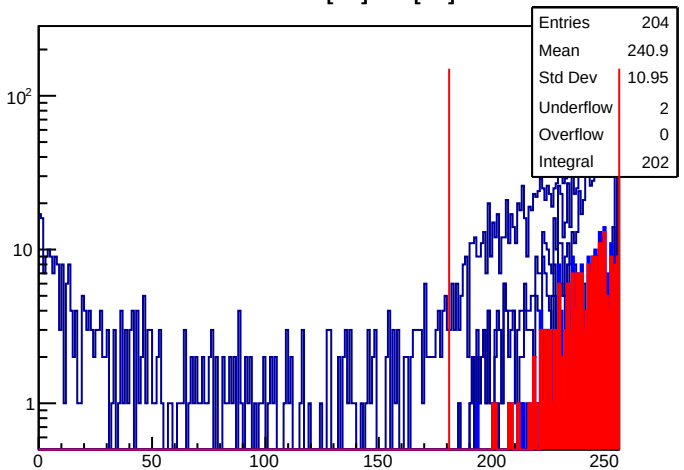

pKurama Sch[55]-Tof[19]
Entries 356
Mean 0.4771
Std Dev 0.03812
Underflow 0
Overflow 0
Integral 356
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

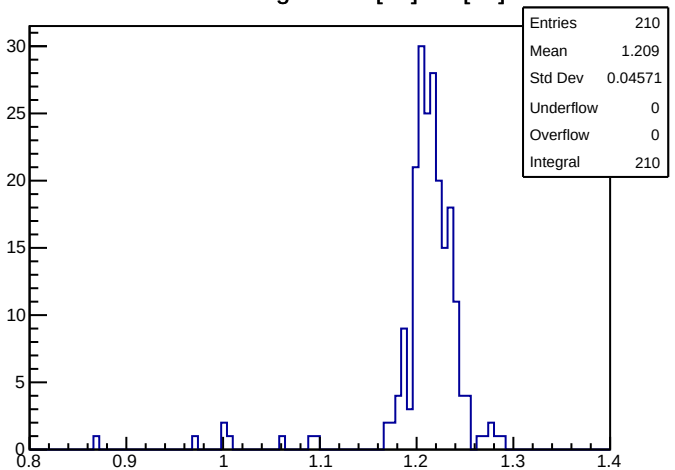

sftx all Sch[55]-Tof[20]
Entries 69
Mean 236.9
Std Dev 13.83
Underflow 0
Overflow 0
Integral 69
10
1
0
50
100
150
200
250

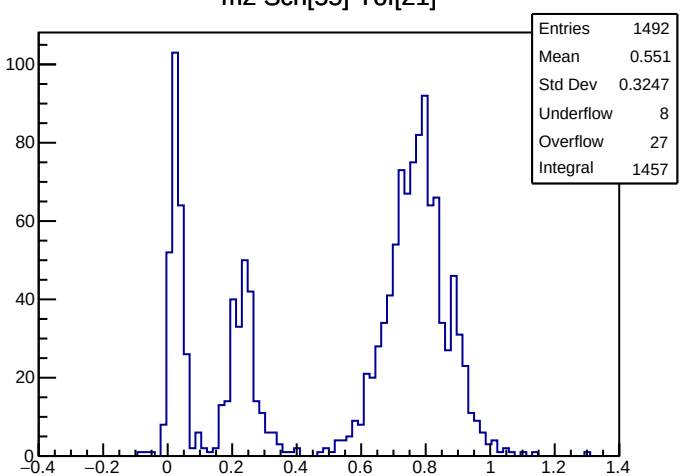

MissMass Sigma Sch[55]-Tof[20]
Entries 71
Mean 1.241
Std Dev 0.05049
Underflow 0
Overflow 0
Integral 71
14
12
10
8
6
4
2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

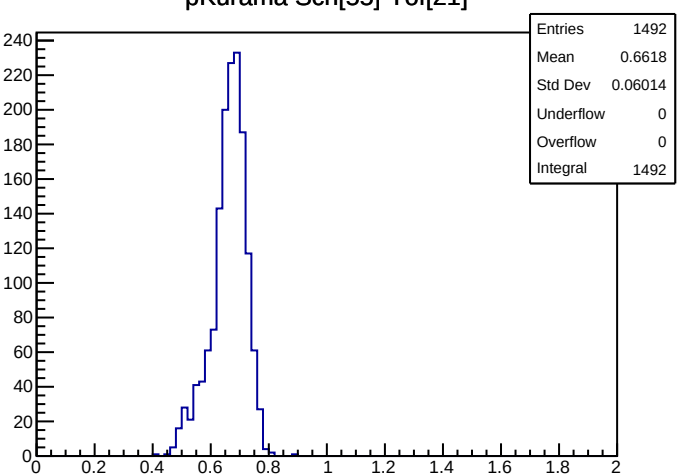

m2 Sch[55]-Tof[20]
Entries 629
Mean 0.1406
Std Dev 0.2302
Underflow 7
Overflow 16
Integral 606
180
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

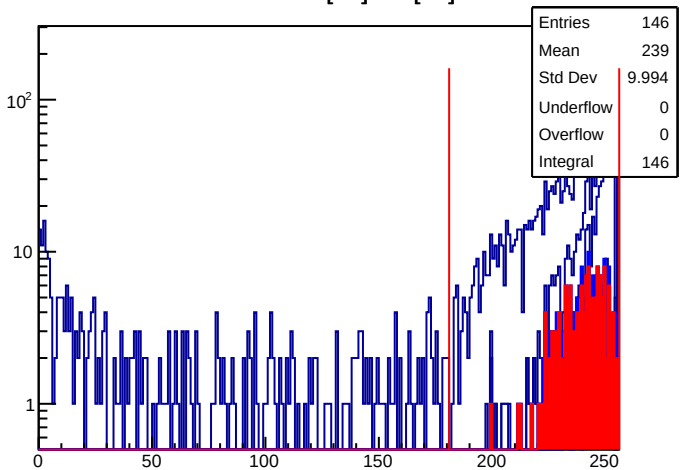

pKurama Sch[55]-Tof[20]
Entries 629
Mean 0.5373
Std Dev 0.0532
Underflow 0
Overflow 0
Integral 629
90
80
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

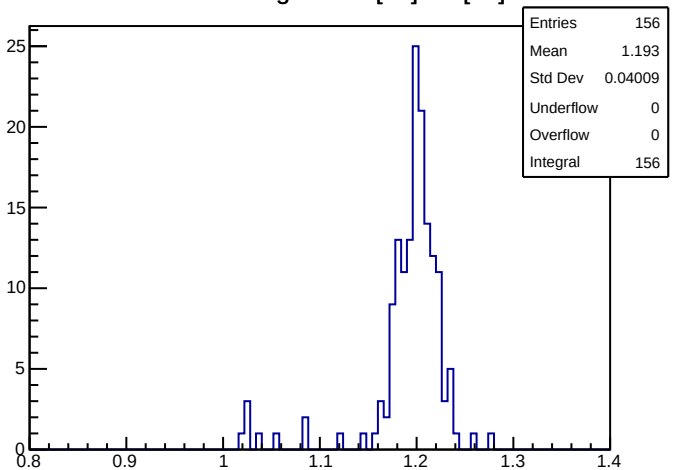

sftx all Sch[55]-Tof[21]
Entries 204
Mean 240.9
Std Dev 10.95
Underflow 2
Overflow 0
Integral 202

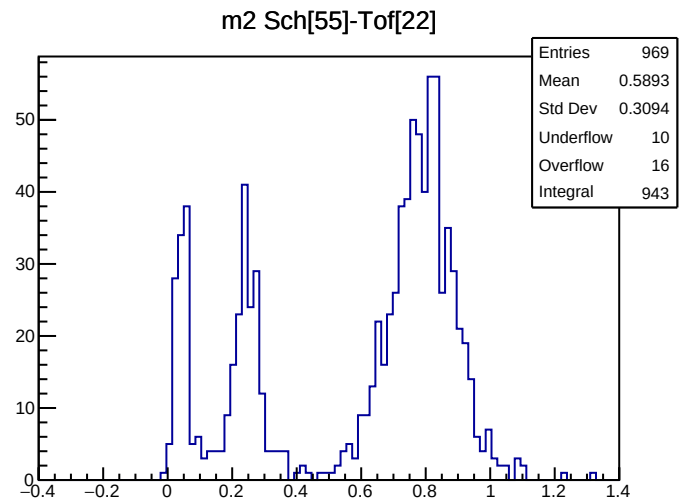

MissMass Sigma Sch[55]-Tof[21]
Entries 210
Mean 1.209
Std Dev 0.04571
Underflow 0
Overflow 0
Integral 210

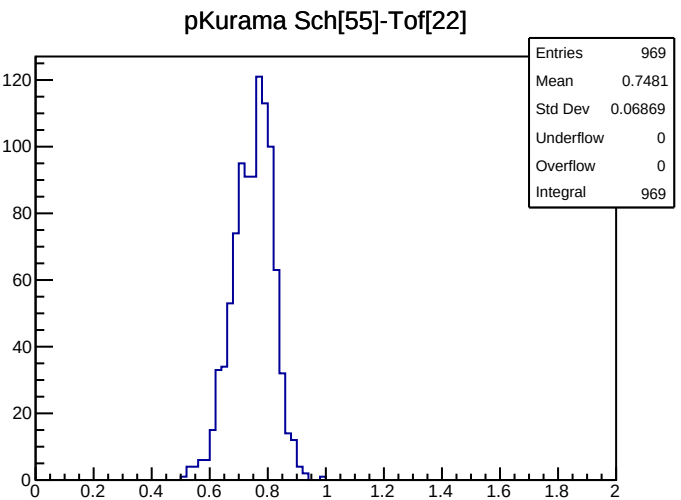

m2 Sch[55]-Tof[21]
Entries 1492
Mean 0.551
Std Dev 0.3247
Underflow 8
Overflow 27
Integral 1457

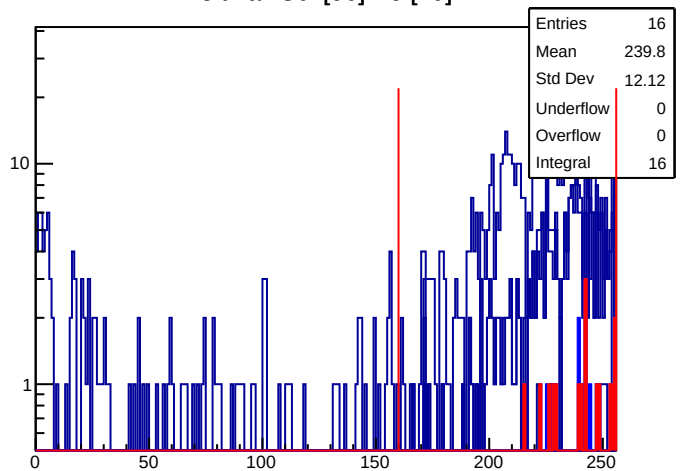

pKurama Sch[55]-Tof[21]
Entries 1492
Mean 0.6618
Std Dev 0.06014
Underflow 0
Overflow 0
Integral 1492

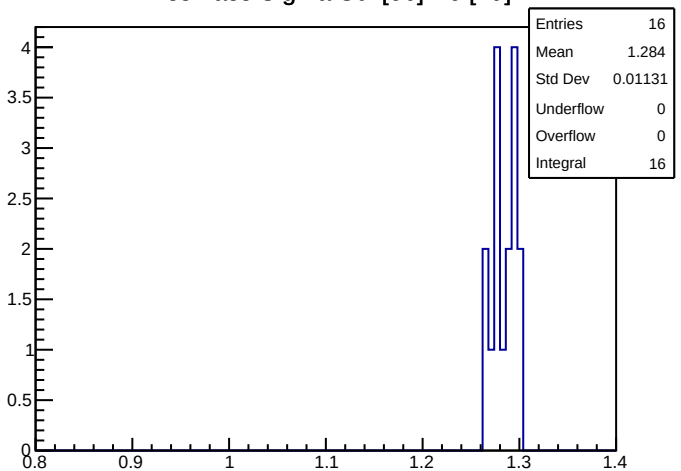

sftx all Sch[55]-Tof[22]
Entries 146
Mean 239
Std Dev 9.994
Underflow 0
Overflow 0
Integral 146

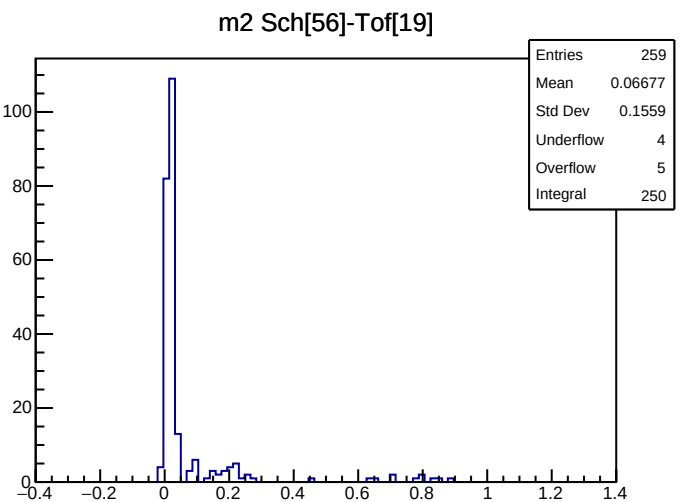

MissMass Sigma Sch[55]-Tof[22]
Entries 156
Mean 1.193
Std Dev 0.04009
Underflow 0
Overflow 0
Integral 156

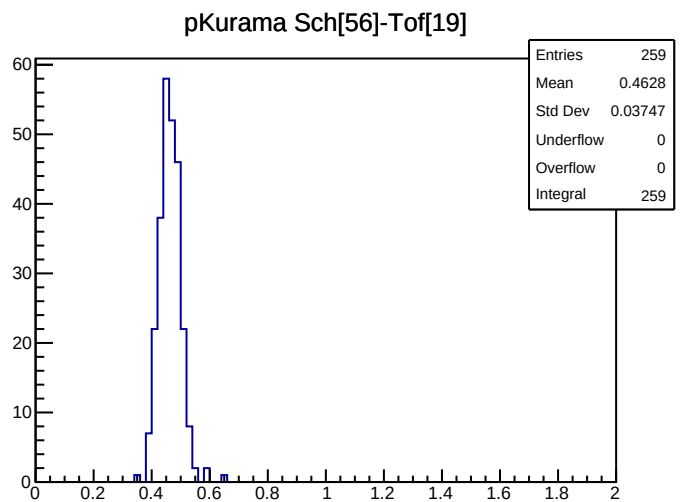

m2 Sch[55]-Tof[22]
Entries 969
Mean 0.5893
Std Dev 0.3094
Underflow 10
Overflow 16
Integral 943

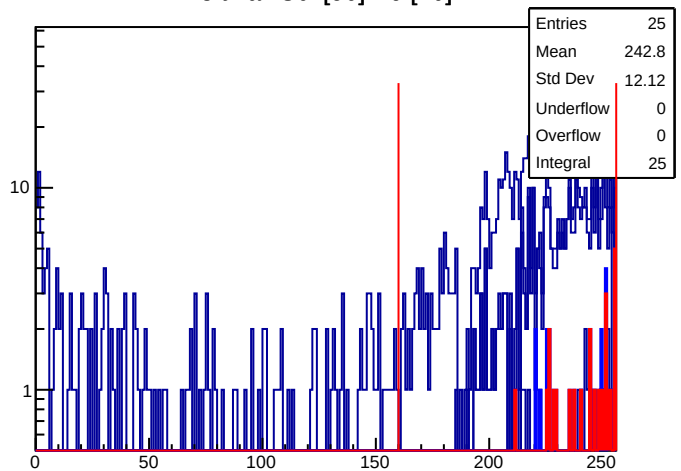

pKurama Sch[55]-Tof[22]
Entries 969
Mean 0.7481
Std Dev 0.06869
Underflow 0
Overflow 0
Integral 969

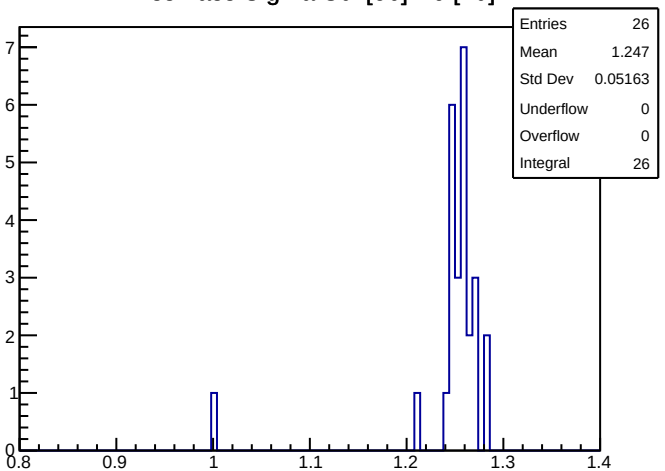

sftx all Sch[56]-Tof[19]
Entries 16
Mean 239.8
Std Dev 12.12
Underflow 0
Overflow 0
Integral 16
10
1
0
50
100
150
200
250

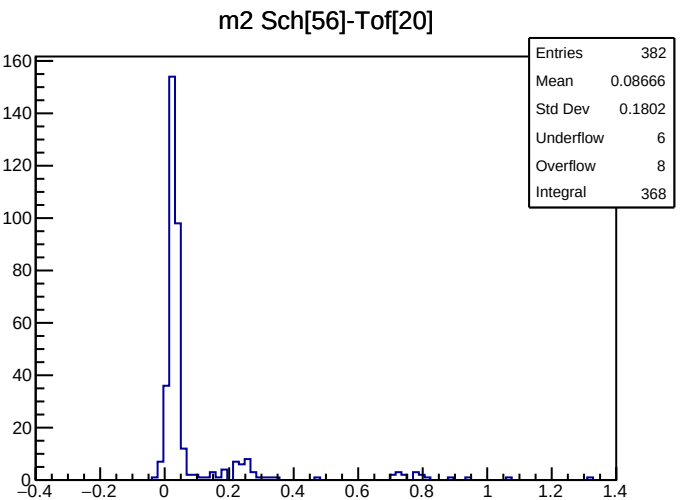

MissMass Sigma Sch[56]-Tof[19]
Entries 16
Mean 1.284
Std Dev 0.01131
Underflow 0
Overflow 0
Integral 16
4
3.5
3
2.5
2
1.5
1
0.5
0
0.8
0.9
1
1.1
1.2
1.3
1.4

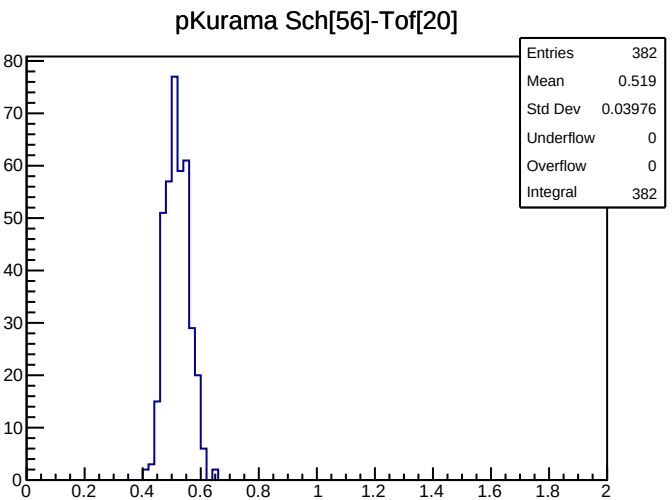

m2 Sch[56]-Tof[19]
Entries 259
Mean 0.06677
Std Dev 0.1559
Underflow 4
Overflow 5
Integral 250
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

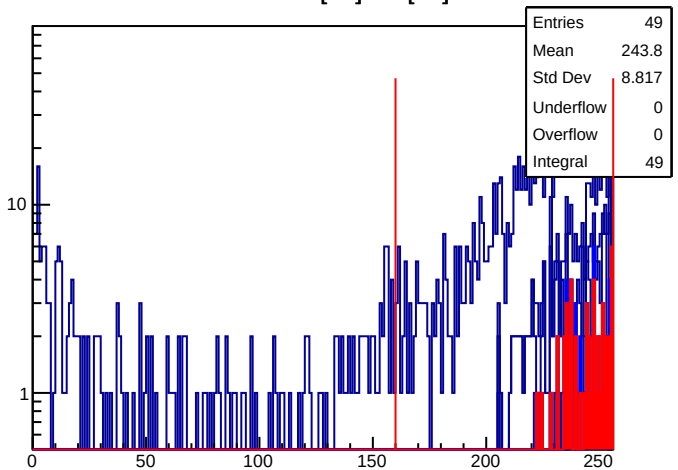

pKurama Sch[56]-Tof[19]
Entries 259
Mean 0.4628
Std Dev 0.03747
Underflow 0
Overflow 0
Integral 259
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

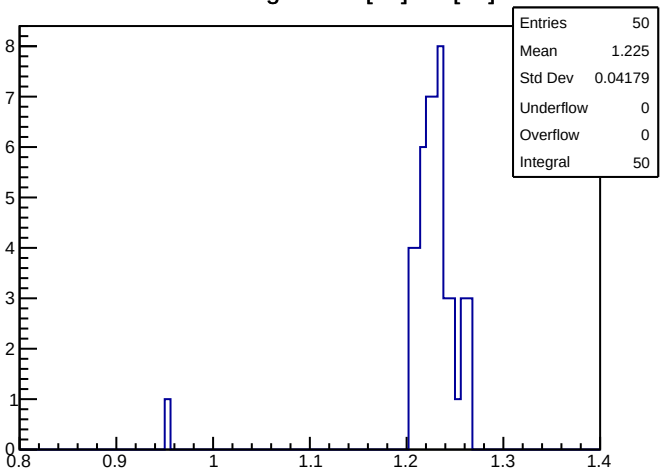

sftx all Sch[56]-Tof[20]
Entries 25
Mean 242.8
Std Dev 12.12
Underflow 0
Overflow 0
Integral 25
10
1
0
50
100
150
200
250

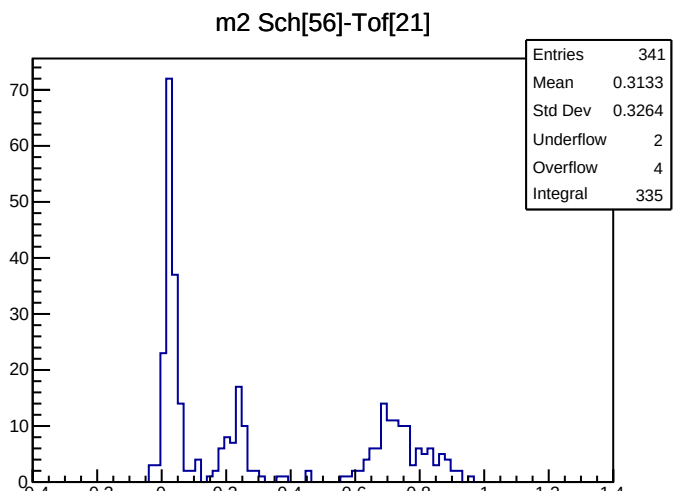

MissMass Sigma Sch[56]-Tof[20]
Entries 26
Mean 1.247
Std Dev 0.05163
Underflow 0
Overflow 0
Integral 26
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

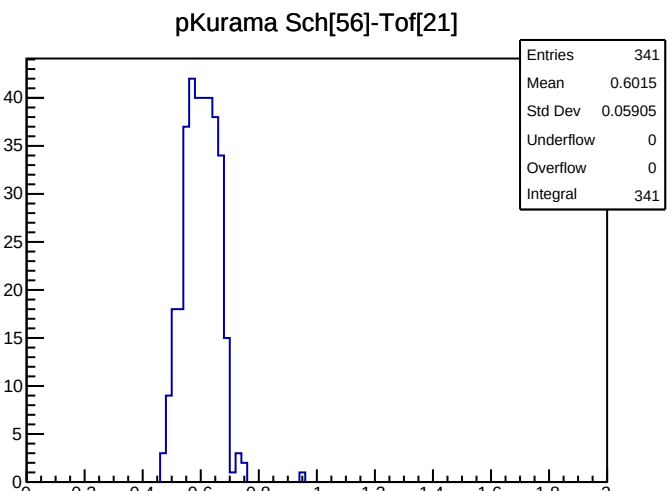

m2 Sch[56]-Tof[20]
Entries 382
Mean 0.08666
Std Dev 0.1802
Underflow 6
Overflow 8
Integral 368
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

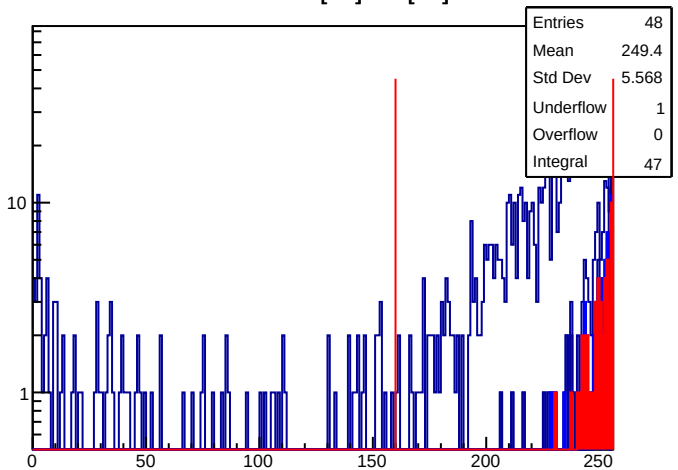

pKurama Sch[56]-Tof[20]
Entries 382
Mean 0.519
Std Dev 0.03976
Underflow 0
Overflow 0
Integral 382
80
70
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

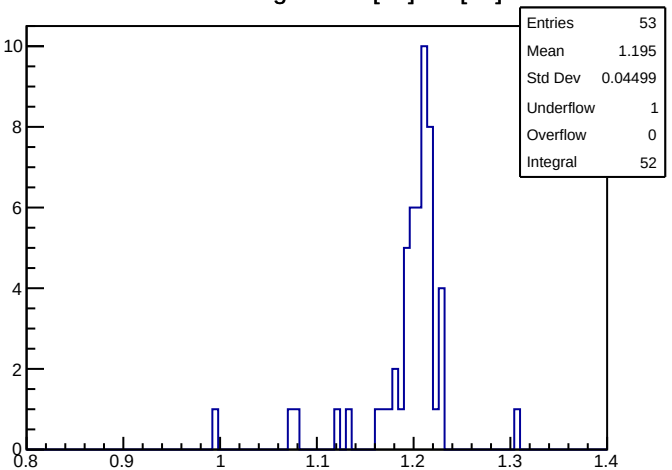

sftx all Sch[56]-Tof[21]
Entries 49
Mean 243.8
Std Dev 8.817
Underflow 0
Overflow 0
Integral 49
10
1
0
50
100
150
200
250

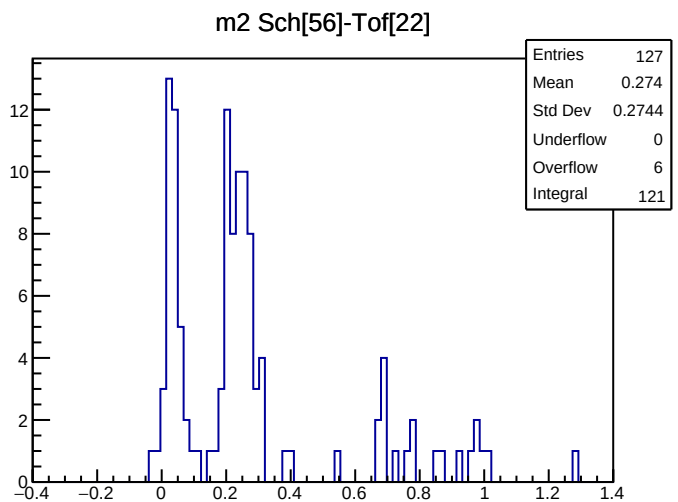

MissMass Sigma Sch[56]-Tof[21]
Entries 50
Mean 1.225
Std Dev 0.04179
Underflow 0
Overflow 0
Integral 50
8
7
6
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

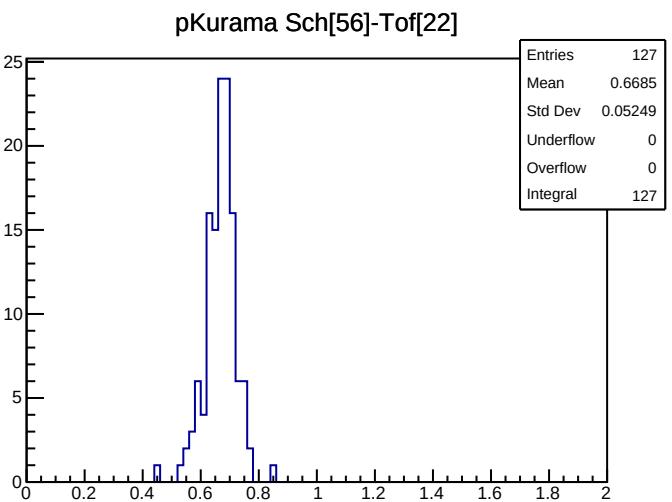

m2 Sch[56]-Tof[21]
Entries 341
Mean 0.3133
Std Dev 0.3264
Underflow 2
Overflow 4
Integral 335
70
60
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

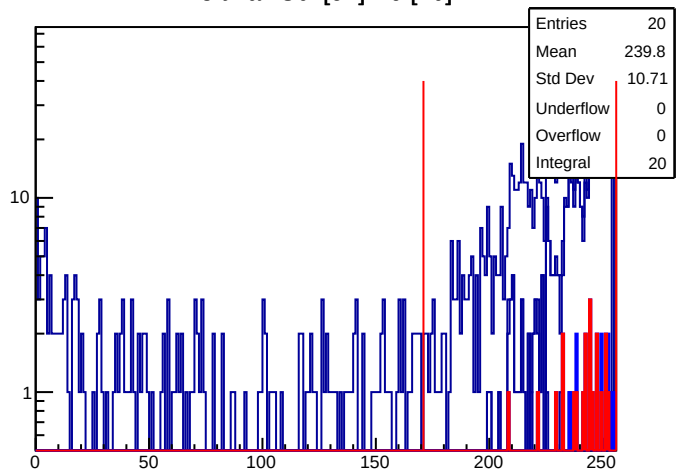

pKurama Sch[56]-Tof[21]
Entries 341
Mean 0.6015
Std Dev 0.05905
Underflow 0
Overflow 0
Integral 341
40
35
30
25
20
15
10
5
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

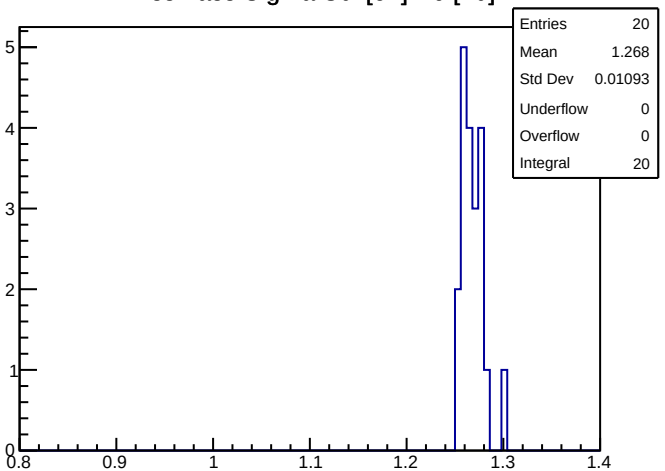

sftx all Sch[56]-Tof[22]
Entries 48
Mean 249.4
Std Dev 5.568
Underflow 1
Overflow 0
Integral 47

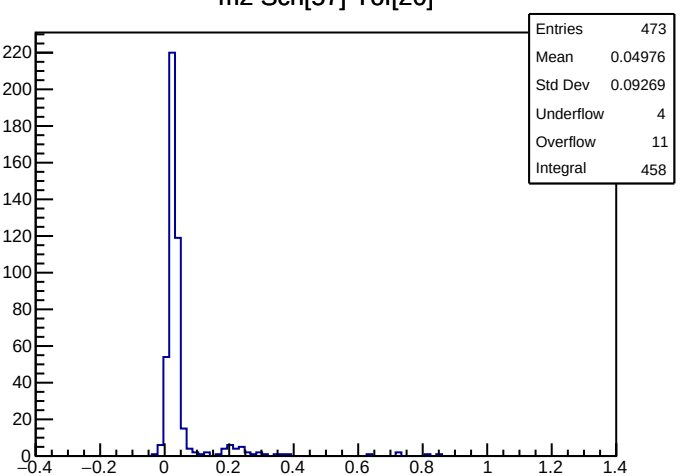

MissMass Sigma Sch[56]-Tof[22]
Entries 53
Mean 1.195
Std Dev 0.04499
Underflow 1
Overflow 0
Integral 52

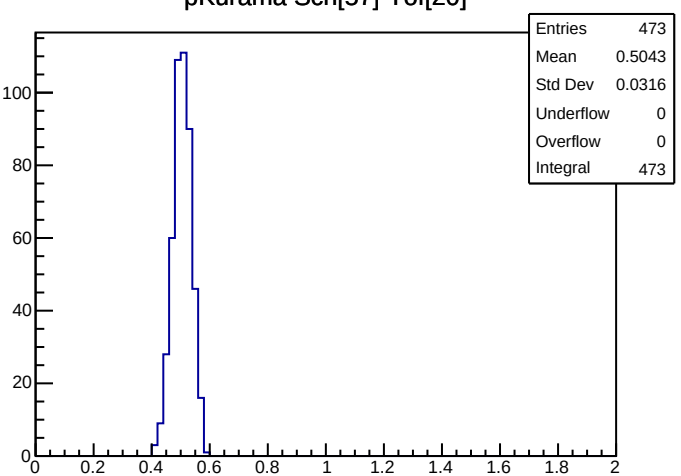

m2 Sch[56]-Tof[22]
Entries 127
Mean 0.274
Std Dev 0.2744
Underflow 0
Overflow 6
Integral 121

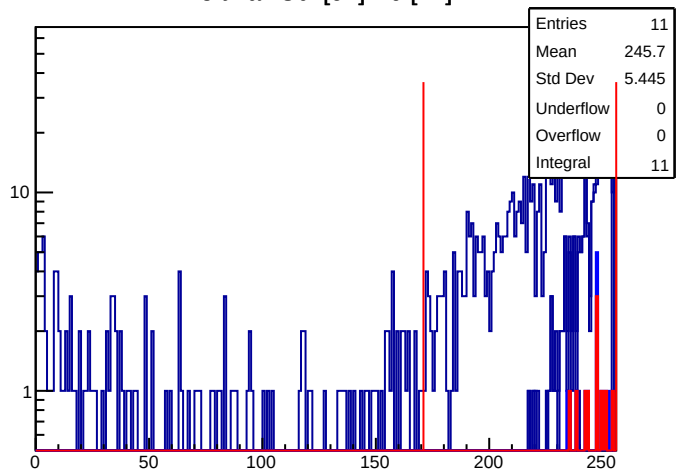

pKurama Sch[56]-Tof[22]
Entries 127
Mean 0.6685
Std Dev 0.05249
Underflow 0
Overflow 0
Integral 127

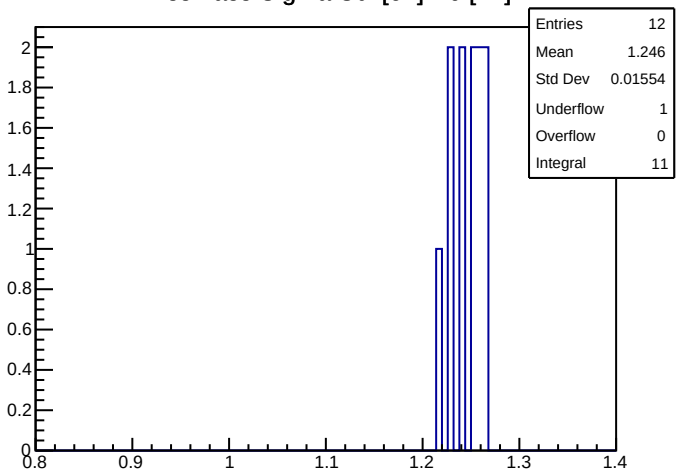

sftx all Sch[57]-Tof[20]
Entries 20
Mean 239.8
Std Dev 10.71
Underflow 0
Overflow 0
Integral 20
10
1
0
50
100
150
200
250

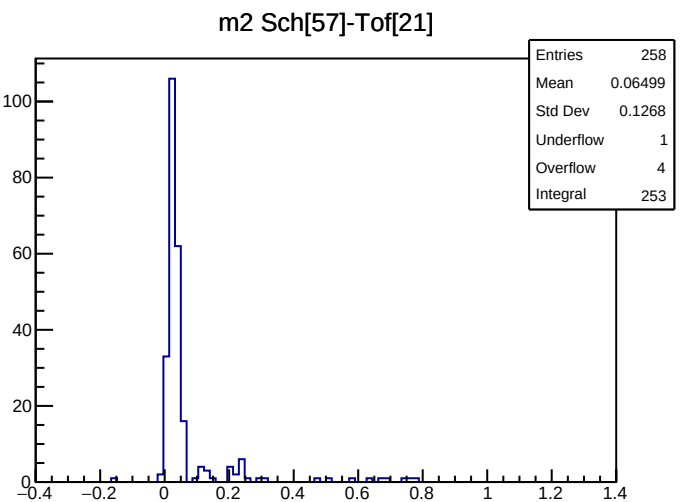

MissMass Sigma Sch[57]-Tof[20]
Entries 20
Mean 1.268
Std Dev 0.01093
Underflow 0
Overflow 0
Integral 20
5
4
3
2
1
0
0.8
0.9
1
1.1
1.2
1.3
1.4

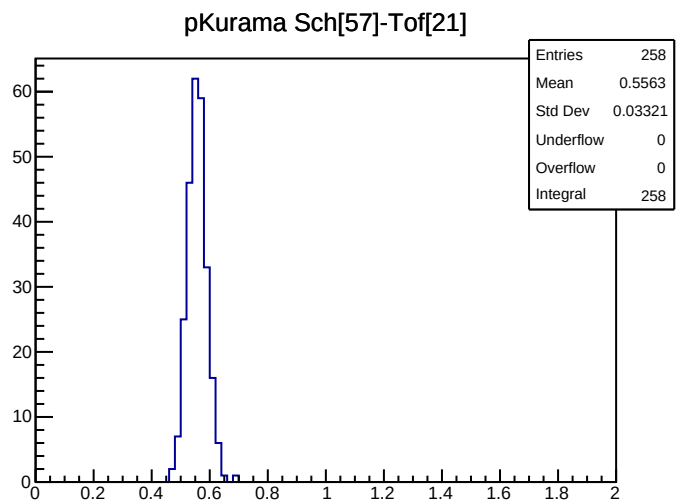

m2 Sch[57]-Tof[20]
Entries 473
Mean 0.04976
Std Dev 0.09269
Underflow 4
Overflow 11
Integral 458
220
200
180
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

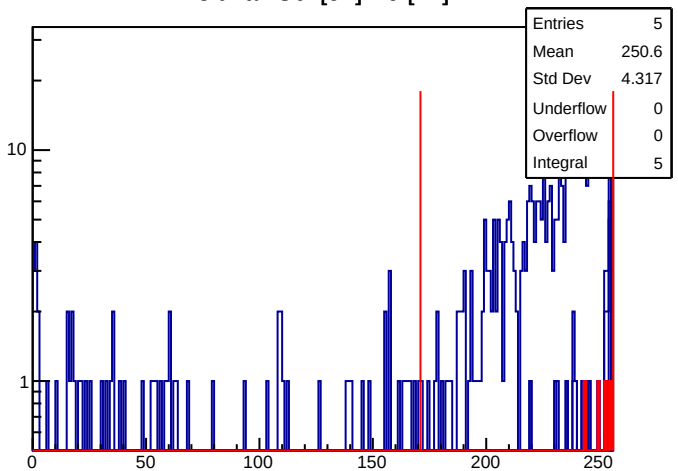

pKurama Sch[57]-Tof[20]
Entries 473
Mean 0.5043
Std Dev 0.0316
Underflow 0
Overflow 0
Integral 473
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

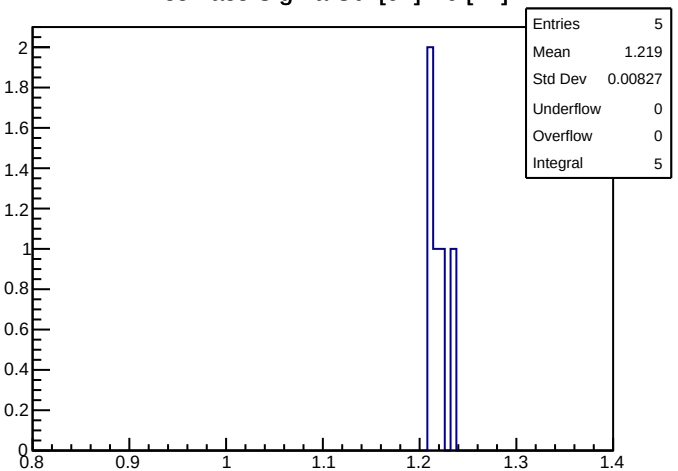

sftx all Sch[57]-Tof[21]
Entries 11
Mean 245.7
Std Dev 5.445
Underflow 0
Overflow 0
Integral 11
10
1
0
50
100
150
200
250

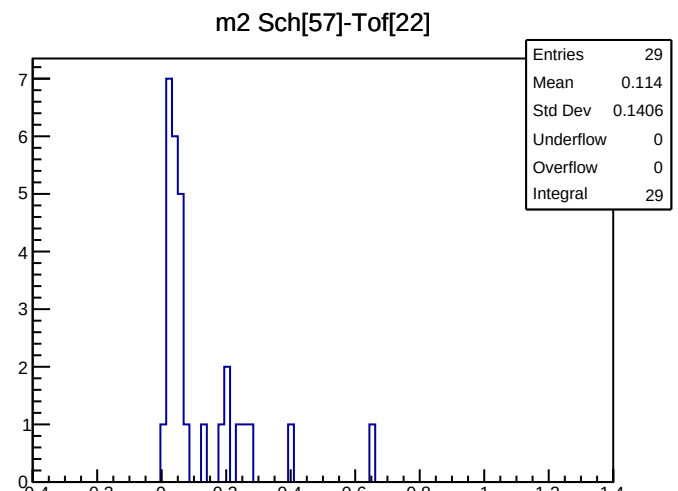

MissMass Sigma Sch[57]-Tof[21]
Entries 12
Mean 1.246
Std Dev 0.01554
Underflow 1
Overflow 0
Integral 11
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

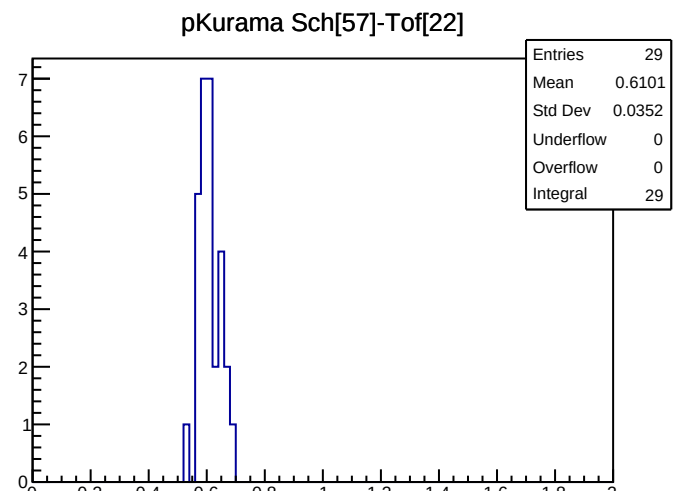

m2 Sch[57]-Tof[21]
Entries 258
Mean 0.06499
Std Dev 0.1268
Underflow 1
Overflow 4
Integral 253
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

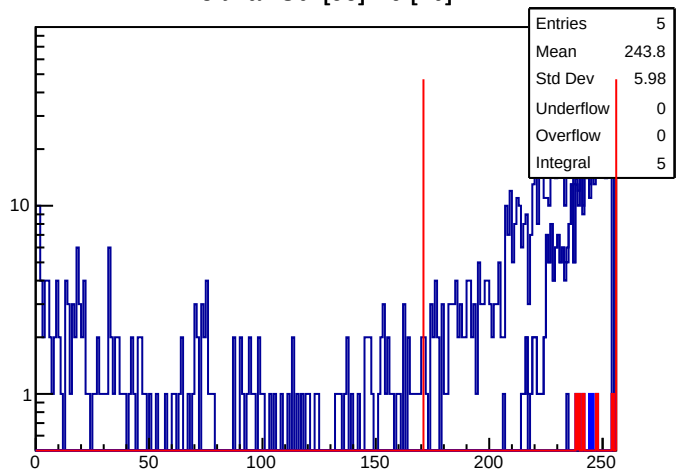

pKurama Sch[57]-Tof[21]
Entries 258
Mean 0.5563
Std Dev 0.03321
Underflow 0
Overflow 0
Integral 258
60
50
40
30
20
10
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

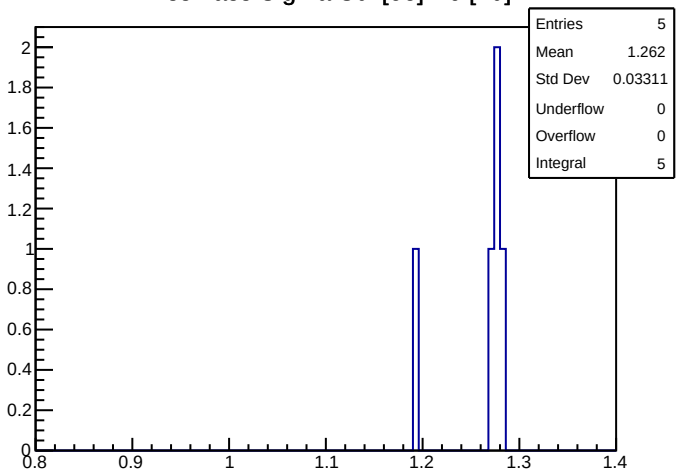

sftx all Sch[57]-Tof[22]
Entries 5
Mean 250.6
Std Dev 4.317
Underflow 0
Overflow 0
Integral 5
10
1
0
50
100
150
200
250

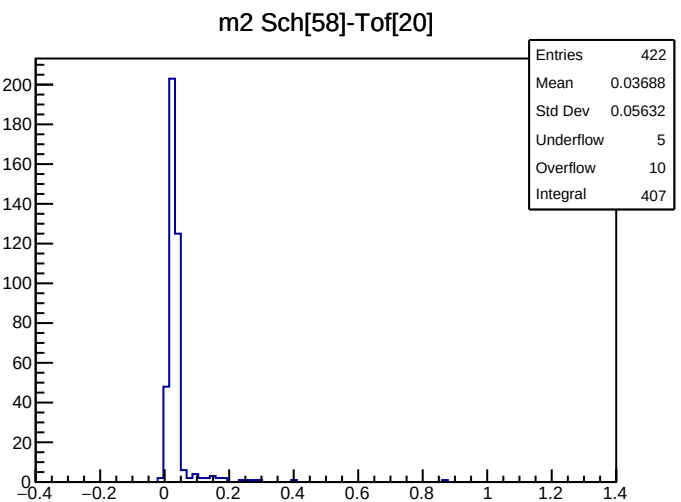

MissMass Sigma Sch[57]-Tof[22]
Entries 5
Mean 1.219
Std Dev 0.00827
Underflow 0
Overflow 0
Integral 5
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

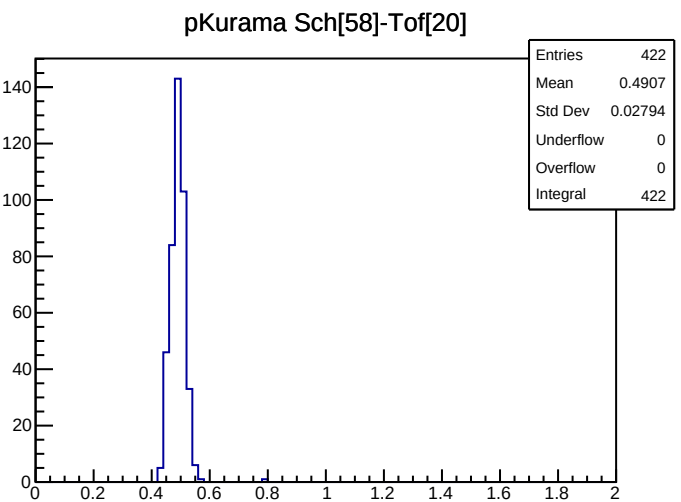

m2 Sch[57]-Tof[22]
Entries 29
Mean 0.114
Std Dev 0.1406
Underflow 0
Overflow 0
Integral 29
7
6
5
4
3
2
1
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

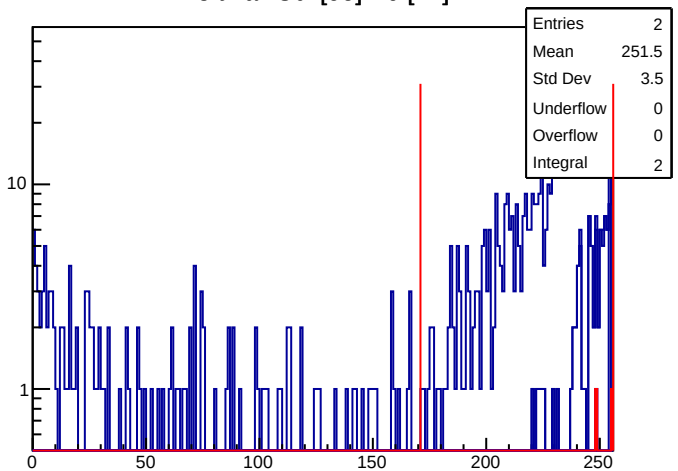

pKurama Sch[57]-Tof[22]
Entries 29
Mean 0.6101
Std Dev 0.0352
Underflow 0
Overflow 0
Integral 29
7
6
5
4
3
2
1
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

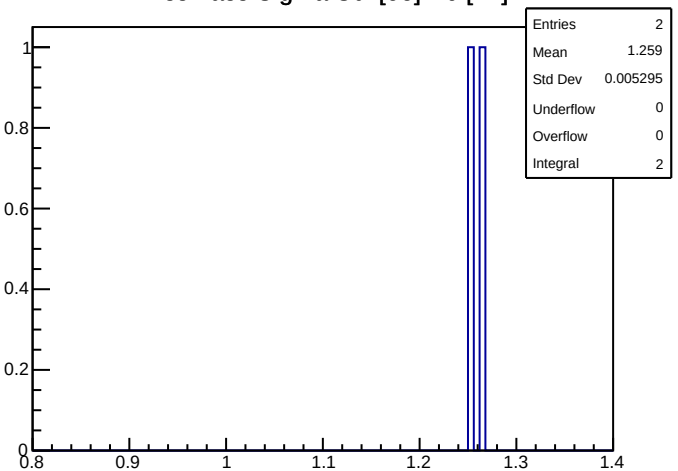

sftx all Sch[58]-Tof[20]
Entries 5
Mean 243.8
Std Dev 5.98
Underflow 0
Overflow 0
Integral 5
10
1
0
50
100
150
200
250

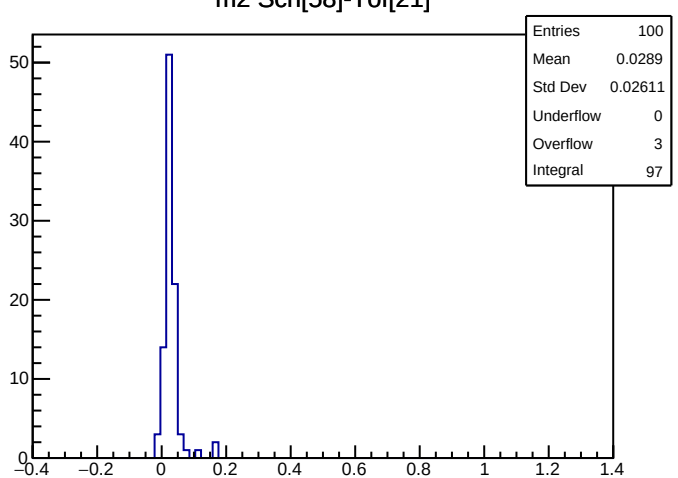

MissMass Sigma Sch[58]-Tof[20]
Entries 5
Mean 1.262
Std Dev 0.03311
Underflow 0
Overflow 0
Integral 5
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

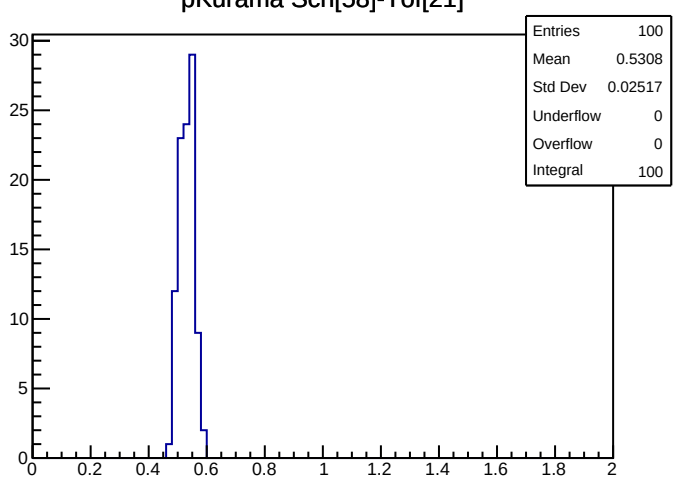

m2 Sch[58]-Tof[20]
Entries 422
Mean 0.03688
Std Dev 0.05632
Underflow 5
Overflow 10
Integral 407
200
180
160
140
120
100
80
60
40
20
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4

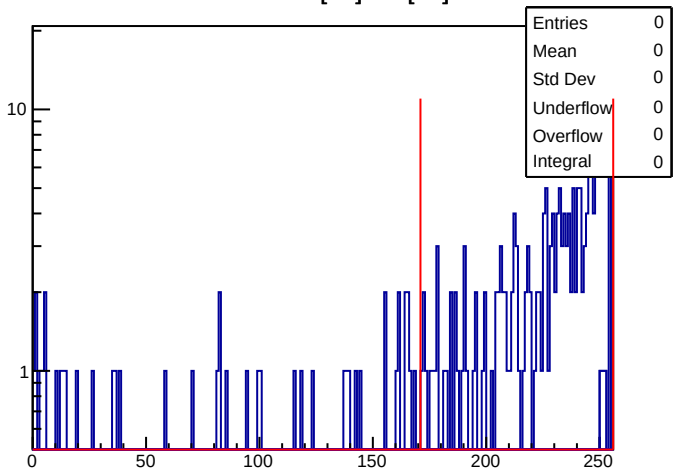

pKurama Sch[58]-Tof[20]
Entries 422
Mean 0.4907
Std Dev 0.02794
Underflow 0
Overflow 0
Integral 422
140
120
100
80
60
40
20
0
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2

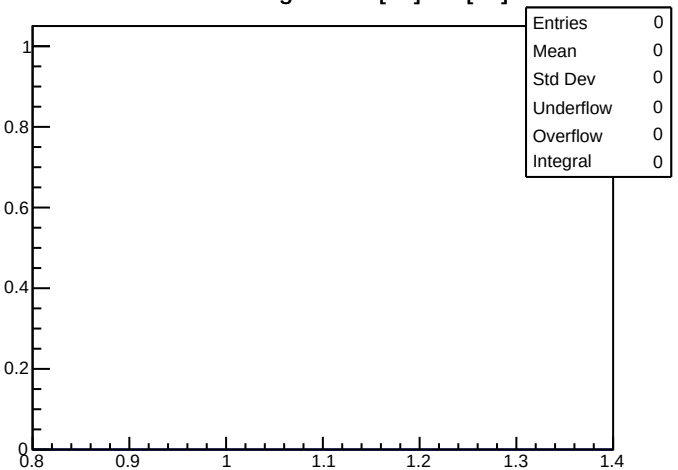

sftx all Sch[58]-Tof[21]
Entries 2
Mean 251.5
Std Dev 3.5
Underflow 0
Overflow 0
Integral 2
10
1
0
50
100
150
200
250

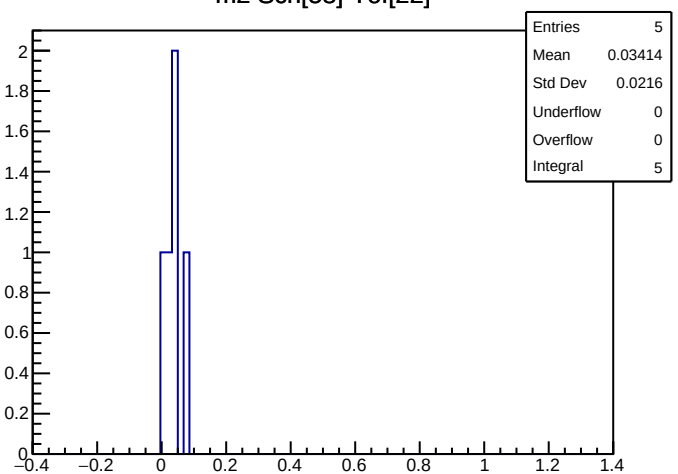

MissMass Sigma Sch[58]-Tof[21]
Entries 2
Mean 1.259
Std Dev 0.005295
Underflow 0
Overflow 0
Integral 2
1
0.8
0.6
0.4
0.2
0
0.8
0.9
1
1.1
1.2
1.3
1.4

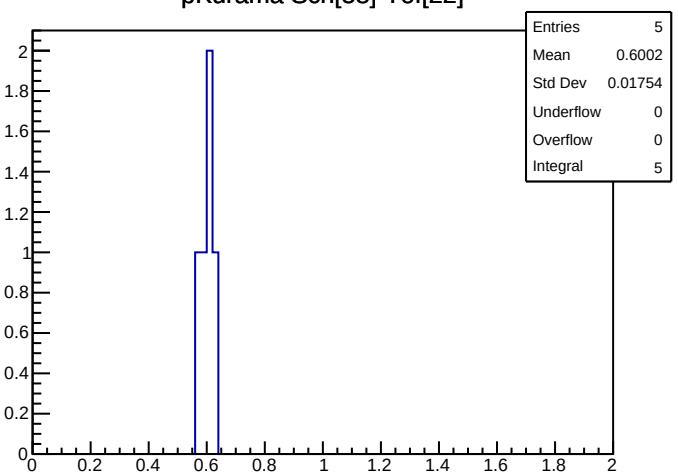

m2 Sch[58]-Tof[21]
Entries 100
Mean 0.0289
Std Dev 0.02611
Underflow 0
Overflow 3
Integral 97
50
40
30
20
10
0
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


pKurama Sch[58]-Tof[21]
Entries 100
Mean 0.5308
Std Dev 0.02517
Underflow 0
Overflow 0
Integral 100
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 5
Mean 0.03414
Std Dev 0.0216
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
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
1.2
1.4


pKurama Sch[58]-Tof[22]
Entries 5
Mean 0.6002
Std Dev 0.01754
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
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2