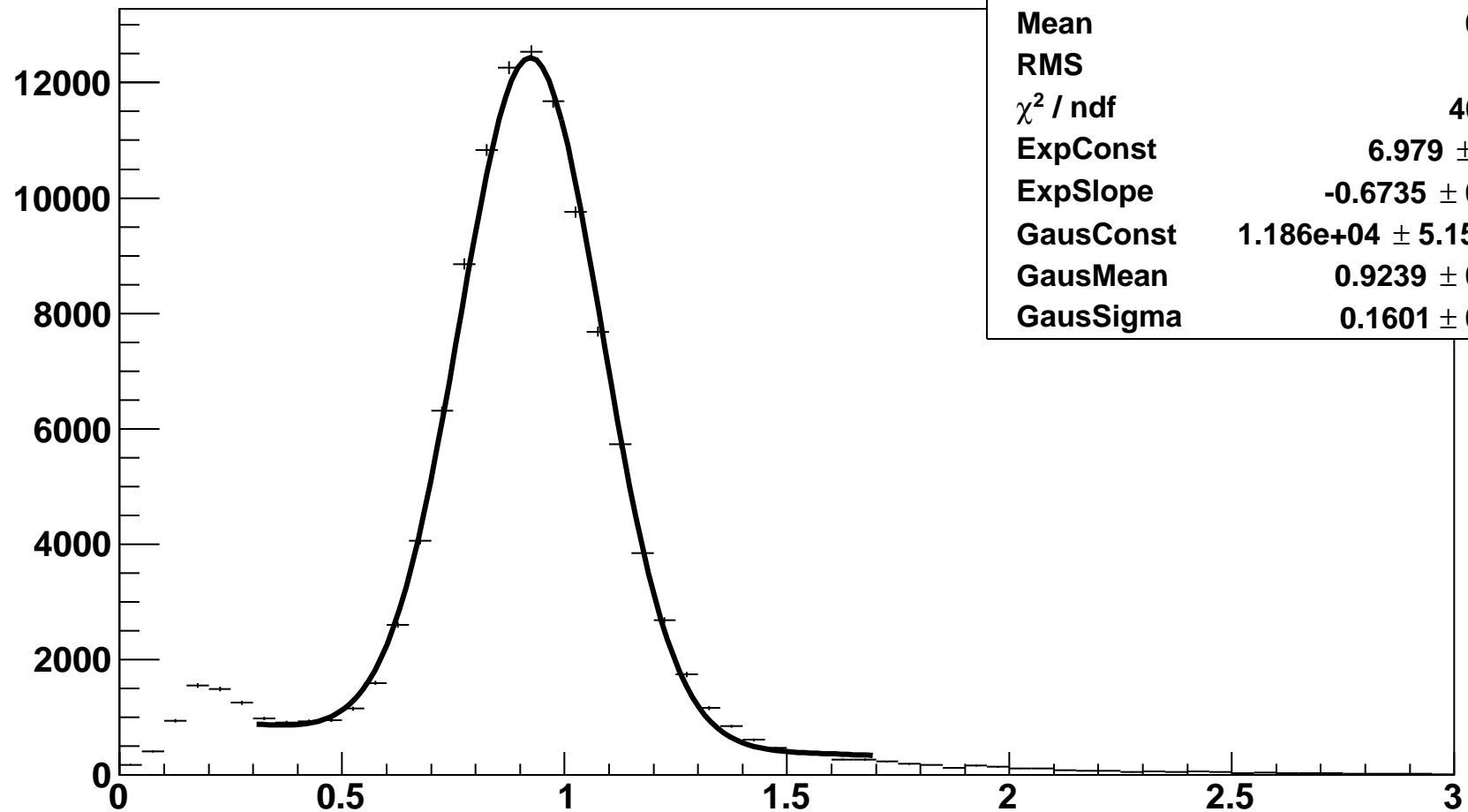


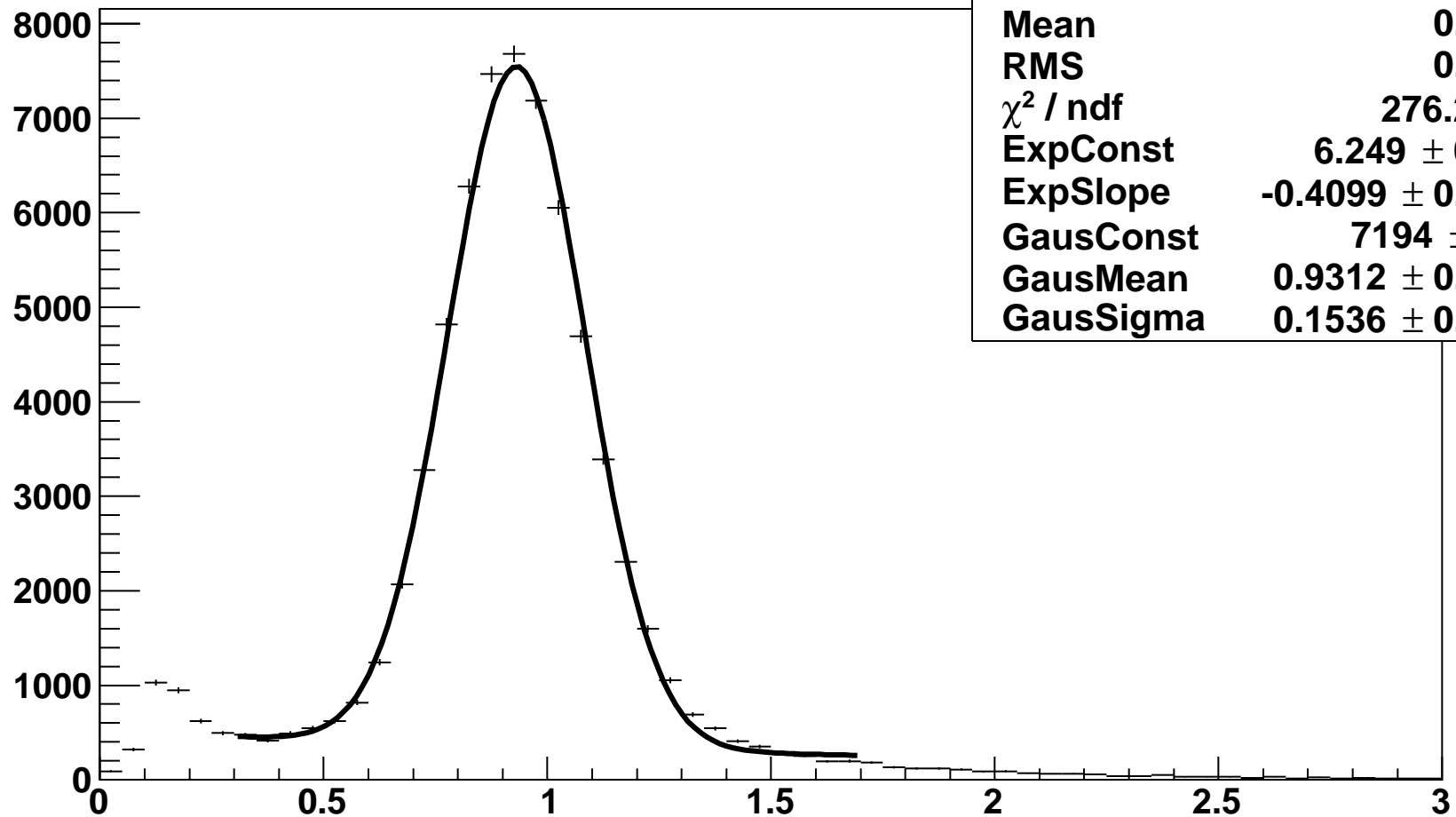
mom-slice-1.500000<P<2.000000

new_unbiased_didFire-proj



Entries	237150
Mean	0.9044
RMS	0.305
χ^2 / ndf	408 / 23
ExpConst	6.979 ± 0.025
ExpSlope	-0.6735 ± 0.0228
GausConst	1.186e+04 ± 5.159e+01
GausMean	0.9239 ± 0.0005
GausSigma	0.1601 ± 0.0006

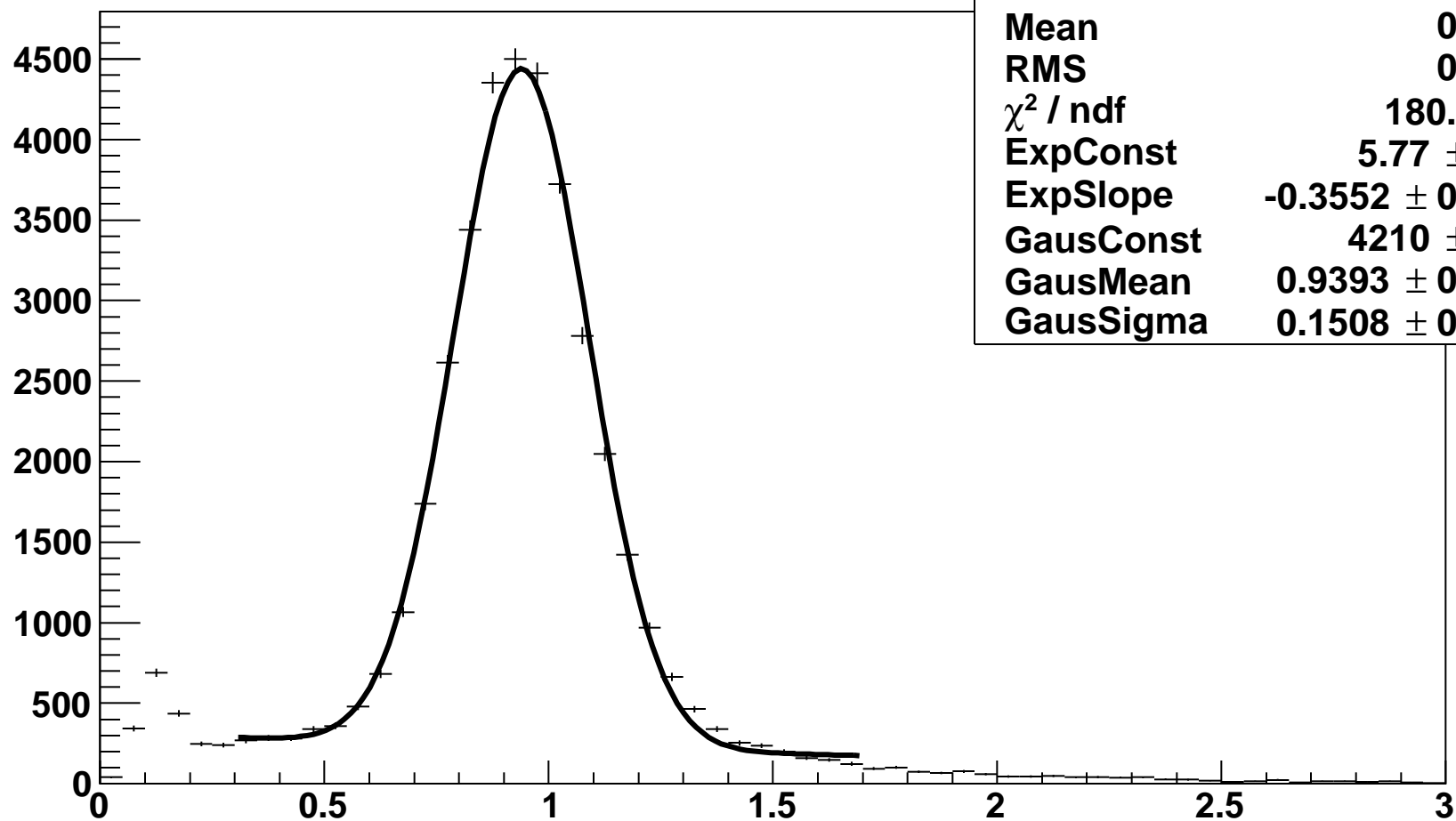
mom-slice-2.000000<P<2.500000



new_unbiased_didFire-proj

Entries	141684
Mean	0.9192
RMS	0.3166
χ^2 / ndf	276.2 / 23
ExpConst	6.249 ± 0.033
ExpSlope	-0.4099 ± 0.0280
GausConst	7194 ± 41.1
GausMean	0.9312 ± 0.0008
GausSigma	0.1536 ± 0.0007

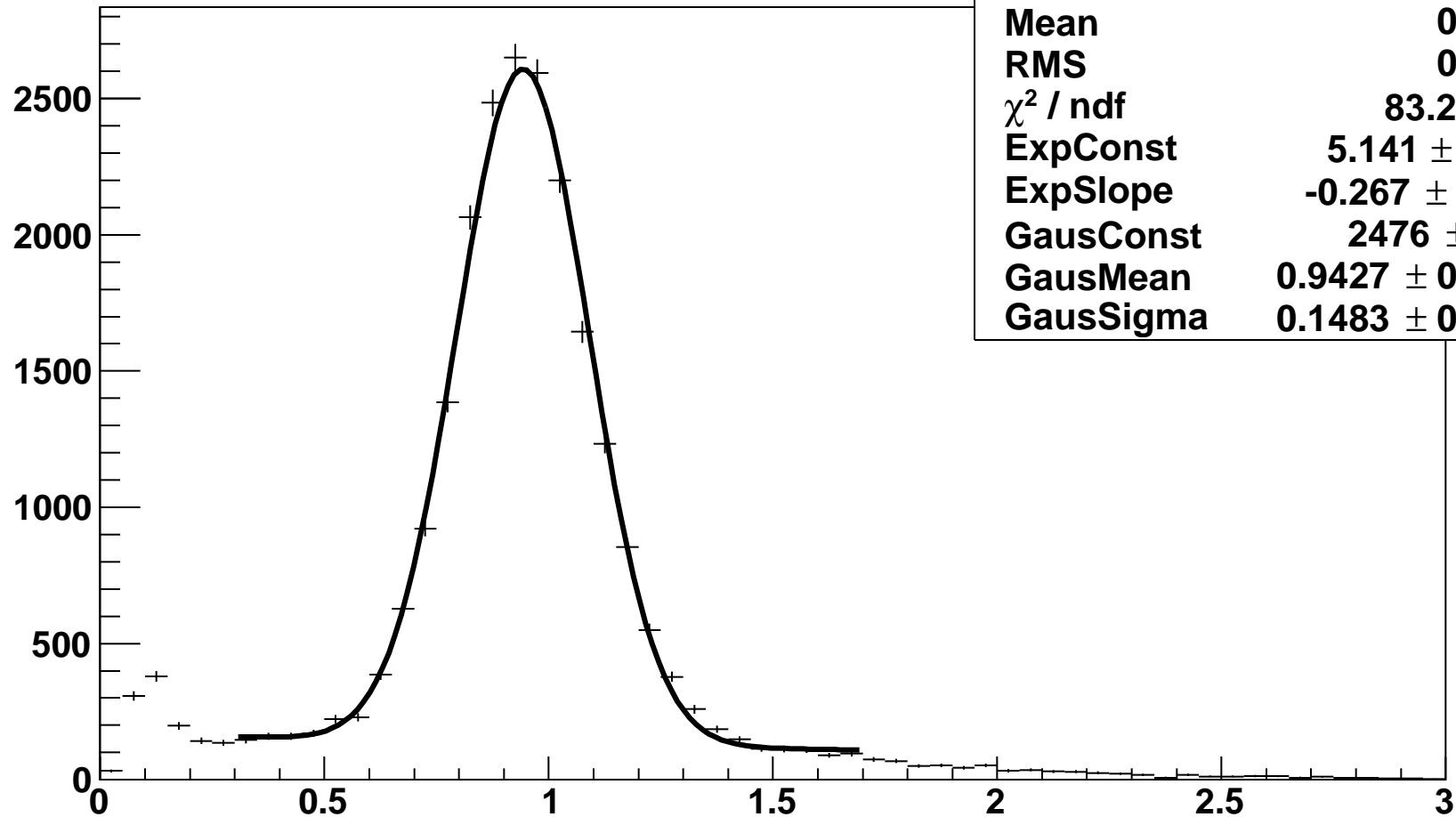
mom-slice-2.500000<P<3.000000



new_unbiased_didFire-proj

Entries	83532
Mean	0.9304
RMS	0.3252
χ^2 / ndf	180.9 / 23
ExpConst	5.77 ± 0.04
ExpSlope	-0.3552 ± 0.0334
GausConst	4210 ± 31.5
GausMean	0.9393 ± 0.0010
GausSigma	0.1508 ± 0.0009

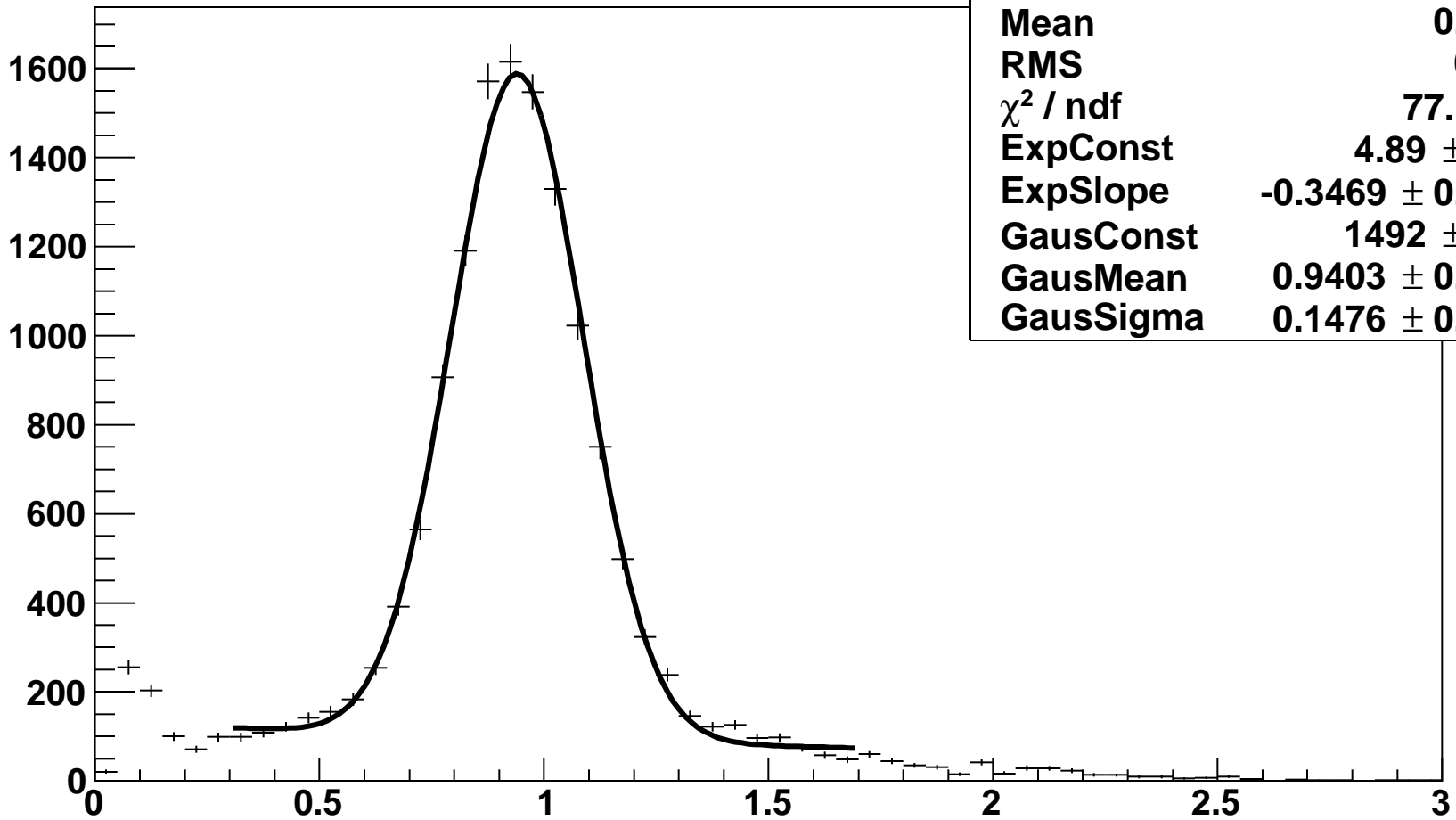
mom-slice-3.000000<P<3.500000



new_unbiased_didFire-proj

Entries	49292
Mean	0.9365
RMS	0.3326
χ^2 / ndf	83.23 / 23
ExpConst	5.141 ± 0.051
ExpSlope	-0.267 ± 0.044
GausConst	2476 ± 24.2
GausMean	0.9427 ± 0.0013
GausSigma	0.1483 ± 0.0012

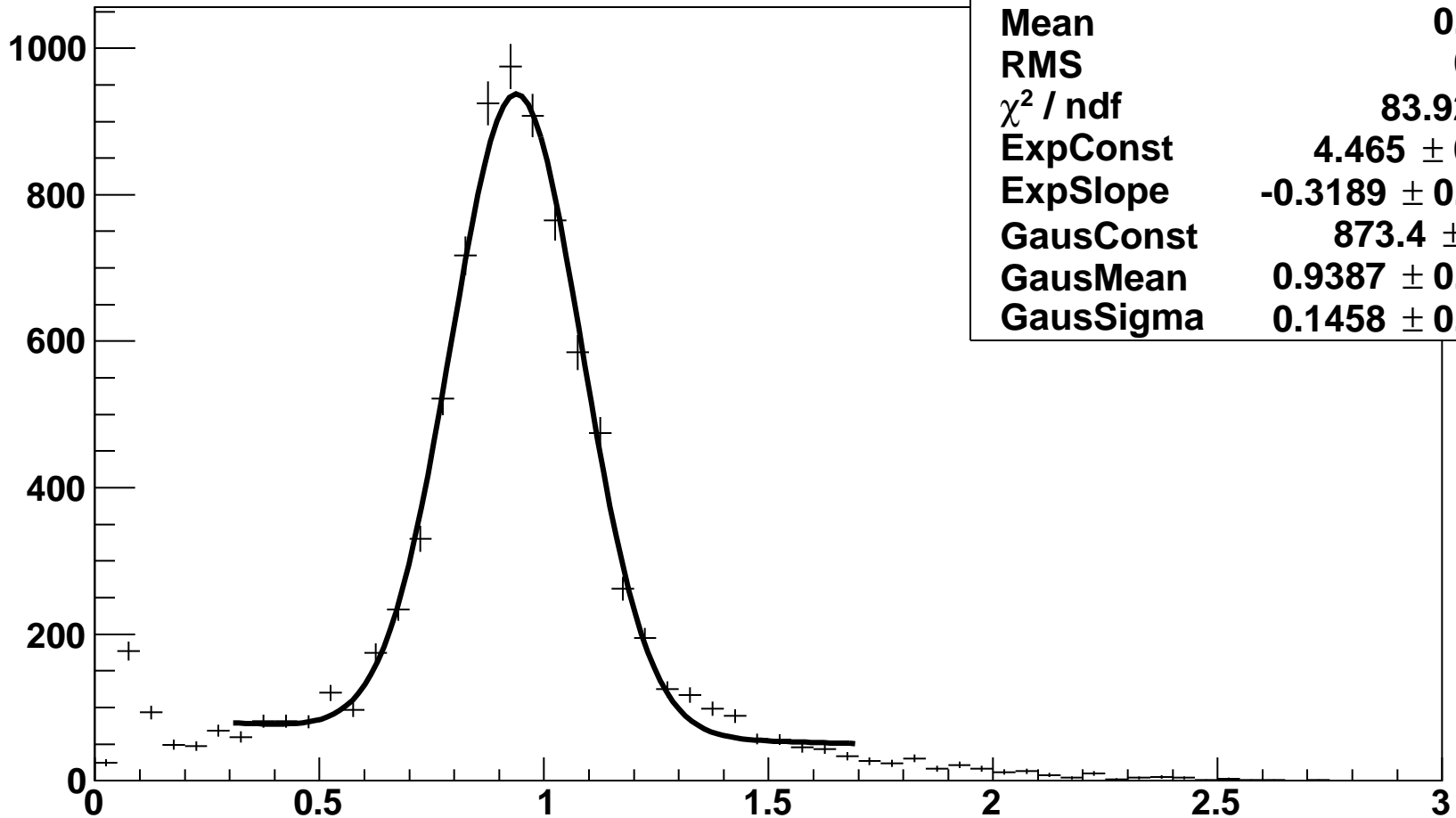
mom-slice-3.500000<P<4.000000



new_unbiased_didFire-proj

Entries	30086
Mean	0.9315
RMS	0.332
χ^2 / ndf	77.1 / 23
ExpConst	4.89 ± 0.06
ExpSlope	-0.3469 ± 0.0506
GausConst	1492 ± 19.4
GausMean	0.9403 ± 0.0016
GausSigma	0.1476 ± 0.0016

mom-slice-4.000000<P<4.500000

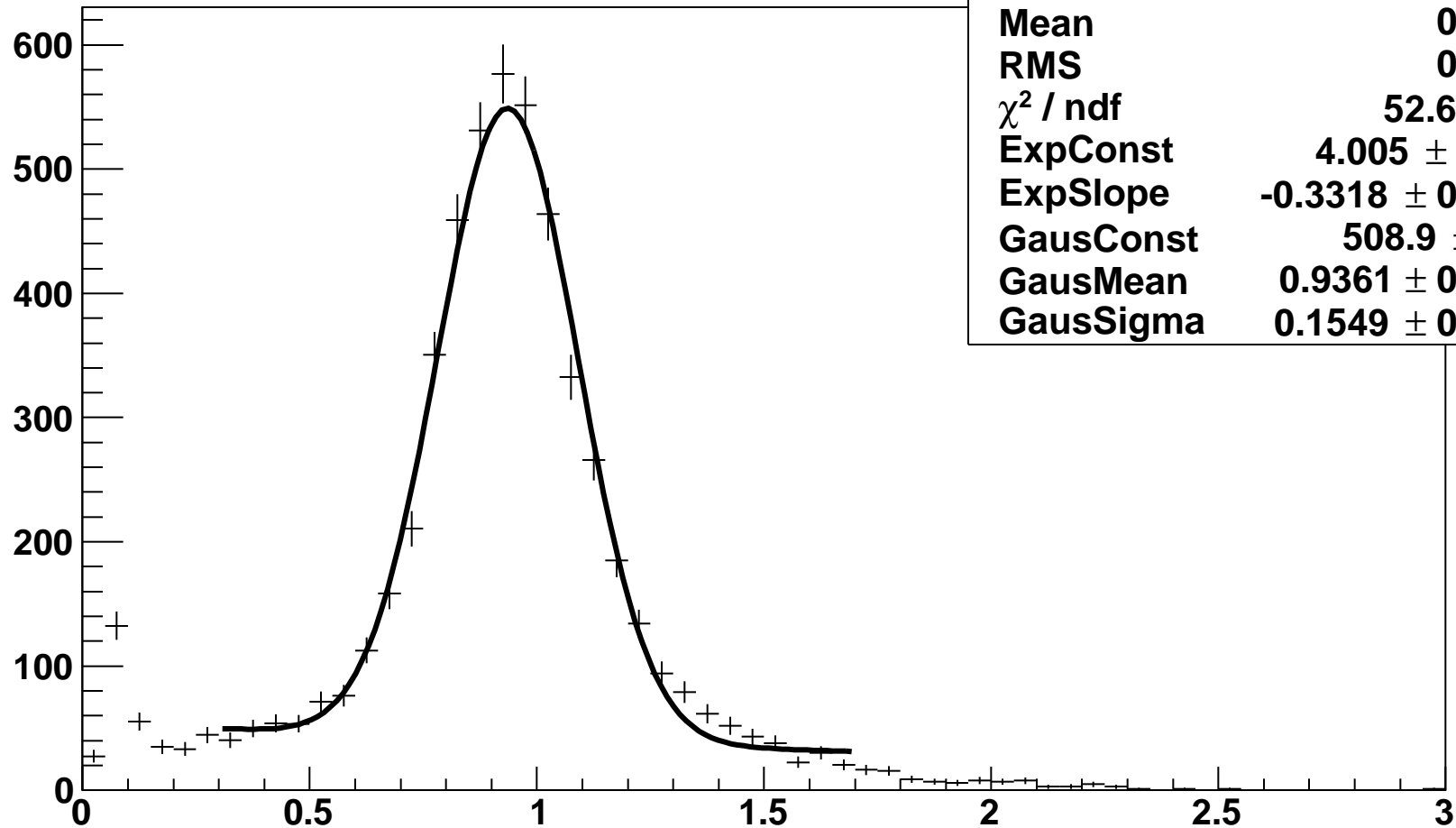


new_unbiased_didFire-proj

Entries	18320
Mean	0.9243
RMS	0.325
χ^2 / ndf	83.92 / 23
ExpConst	4.465 \pm 0.070
ExpSlope	-0.3189 \pm 0.0603
GausConst	873.4 \pm 15.0
GausMean	0.9387 \pm 0.0022
GausSigma	0.1458 \pm 0.0022

mom-slice-4.500000<P<5.000000

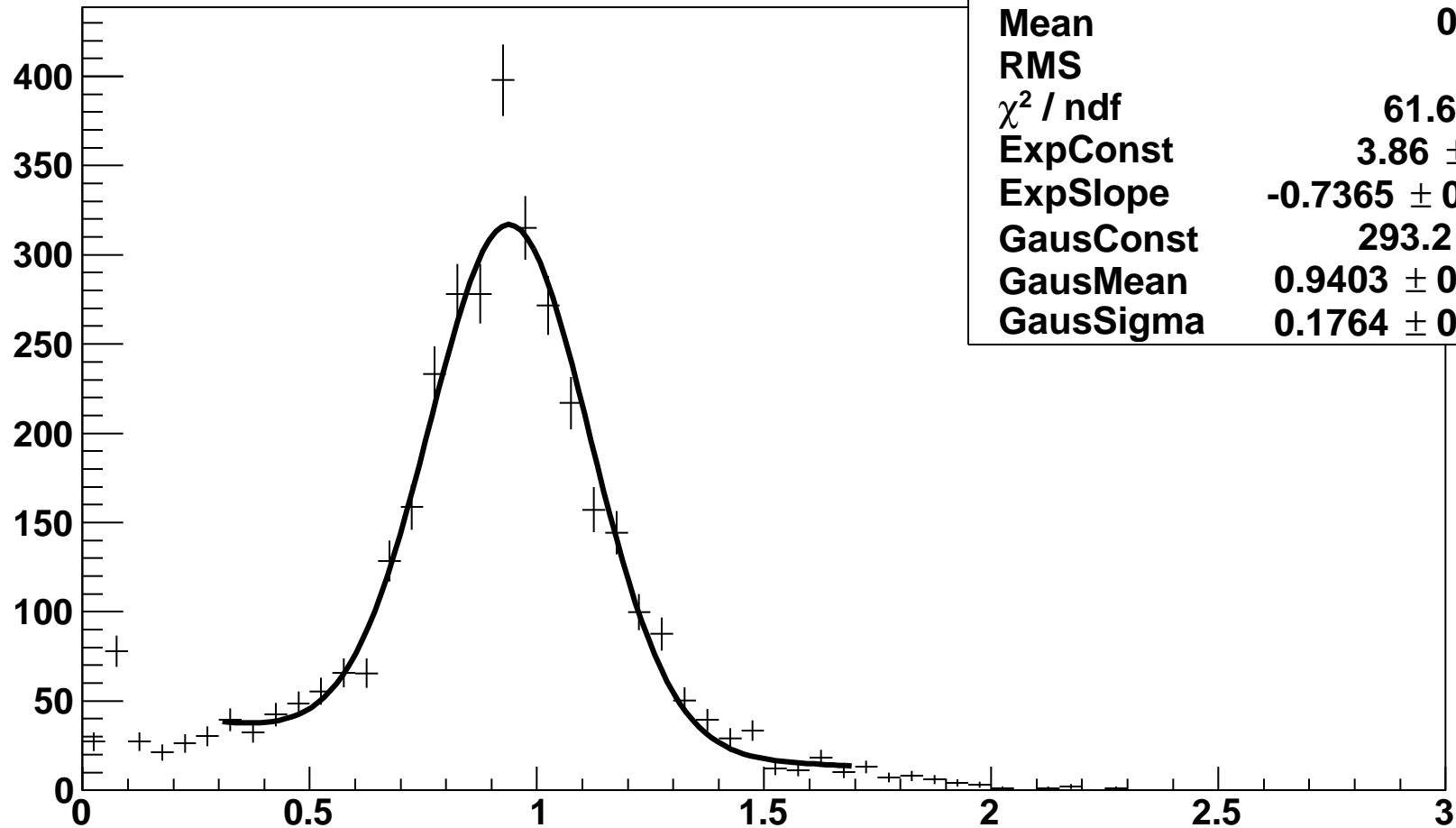
new_unbiased_didFire-proj



Entries	11492
Mean	0.9099
RMS	0.3249
χ^2 / ndf	52.63 / 23
ExpConst	4.005 \pm 0.092
ExpSlope	-0.3318 \pm 0.0775
GausConst	508.9 \pm 11.1
GausMean	0.9361 \pm 0.0027
GausSigma	0.1549 \pm 0.0030

mom-slice-5.000000<P<5.500000

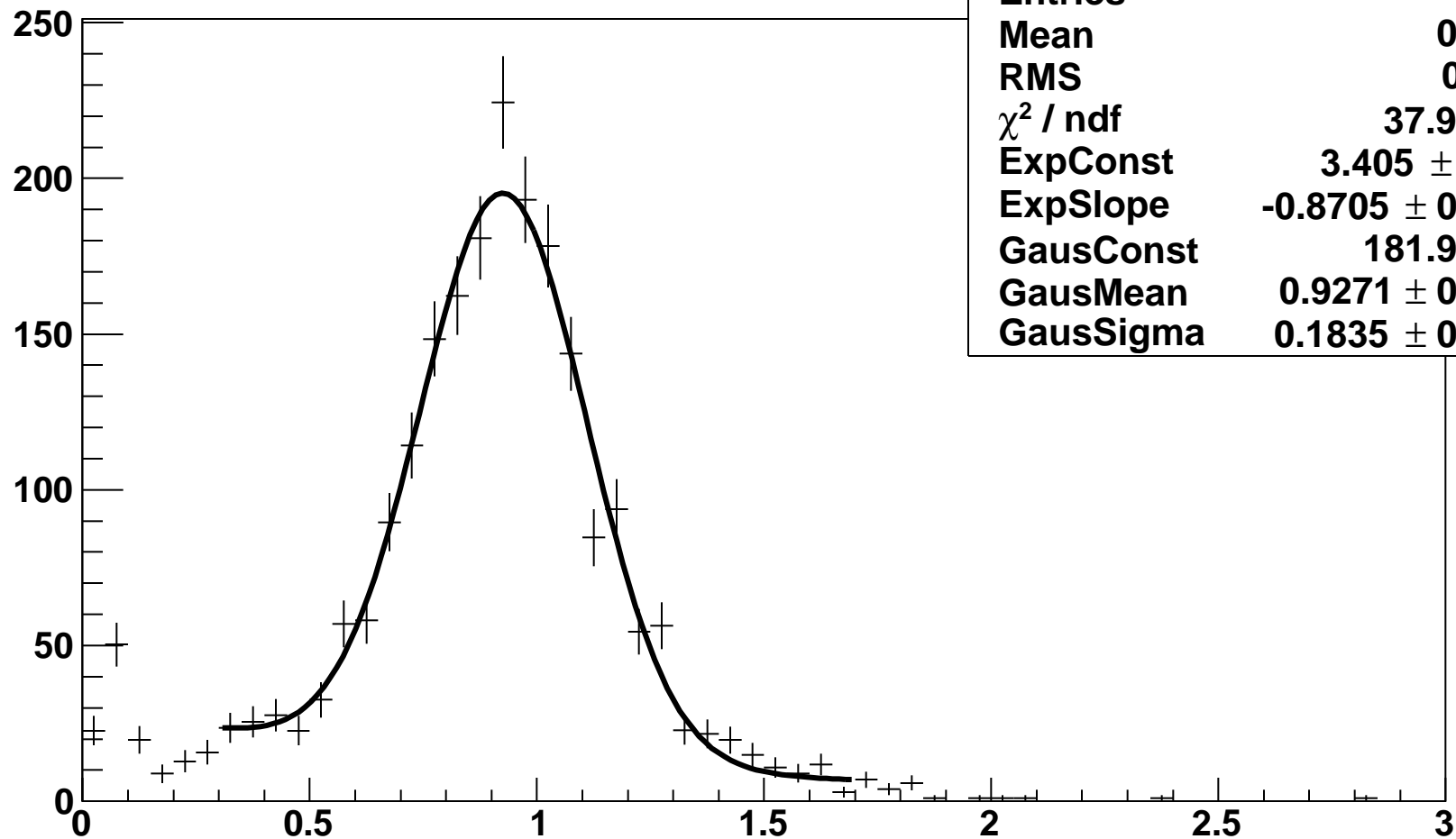
new_unbiased_didFire-proj



Entries	7206
Mean	0.8958
RMS	0.318
χ^2 / ndf	61.68 / 23
ExpConst	3.86 \pm 0.12
ExpSlope	-0.7365 \pm 0.1151
GausConst	293.2 \pm 8.0
GausMean	0.9403 \pm 0.0043
GausSigma	0.1764 \pm 0.0046

mom-slice-5.500000<P<6.000000

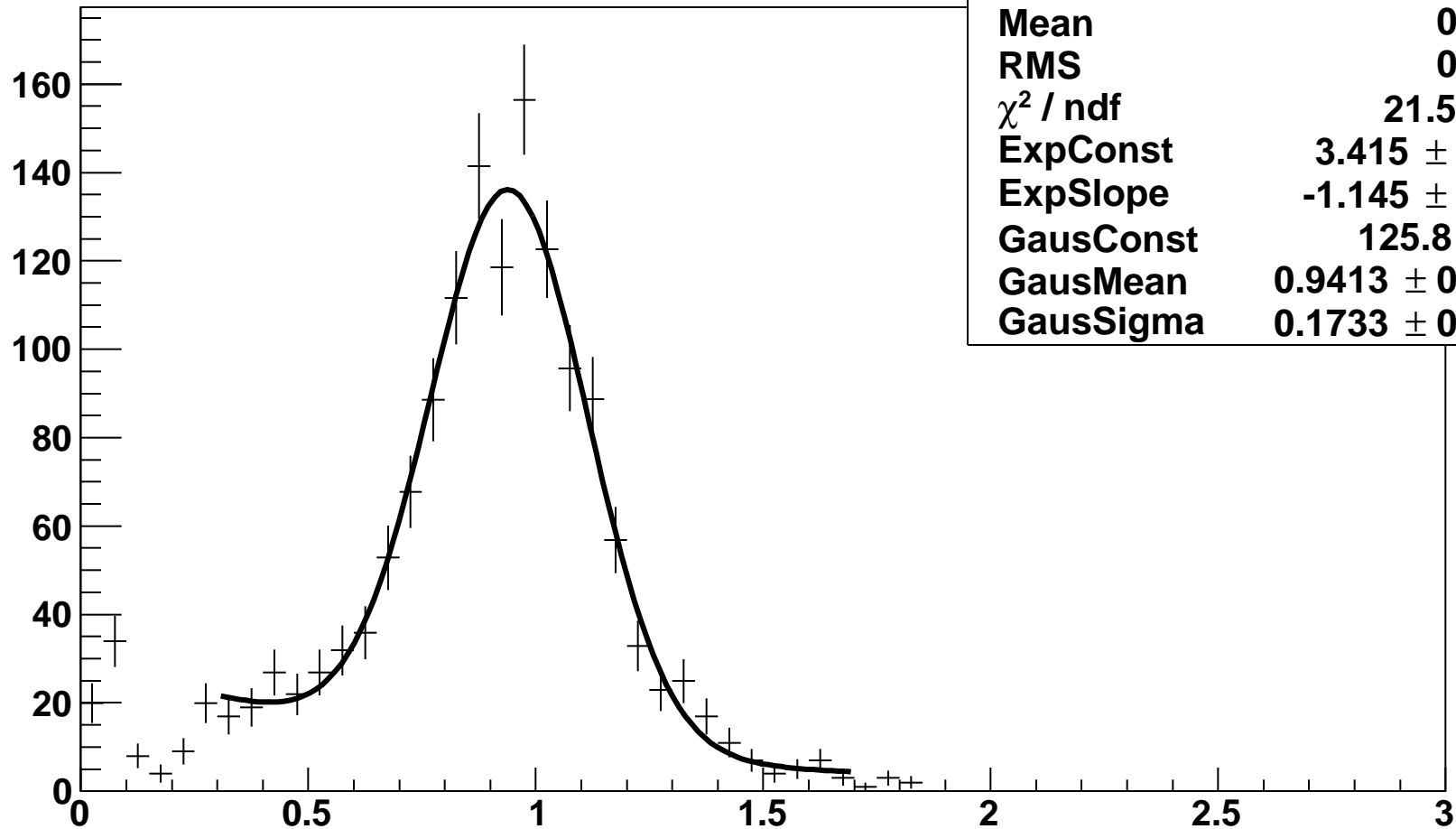
new_unbiased_didFire-proj



Entries	4664
Mean	0.8834
RMS	0.3161
χ^2 / ndf	37.99 / 23
ExpConst	3.405 \pm 0.171
ExpSlope	-0.8705 \pm 0.1567
GausConst	181.9 \pm 6.1
GausMean	0.9271 \pm 0.0048
GausSigma	0.1835 \pm 0.0058

mom-slice-6.000000<P<6.500000

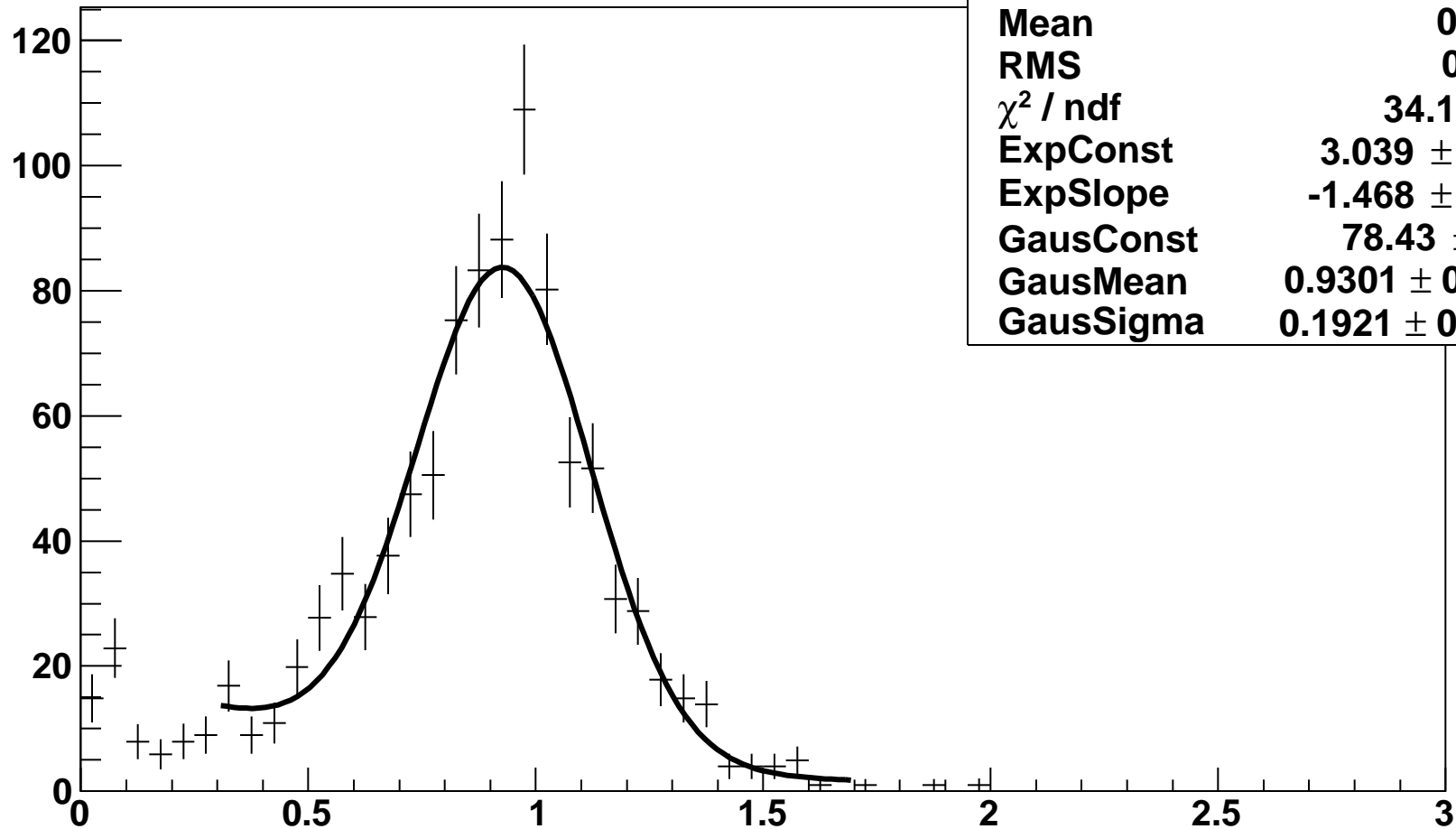
new_unbiased_didFire-proj



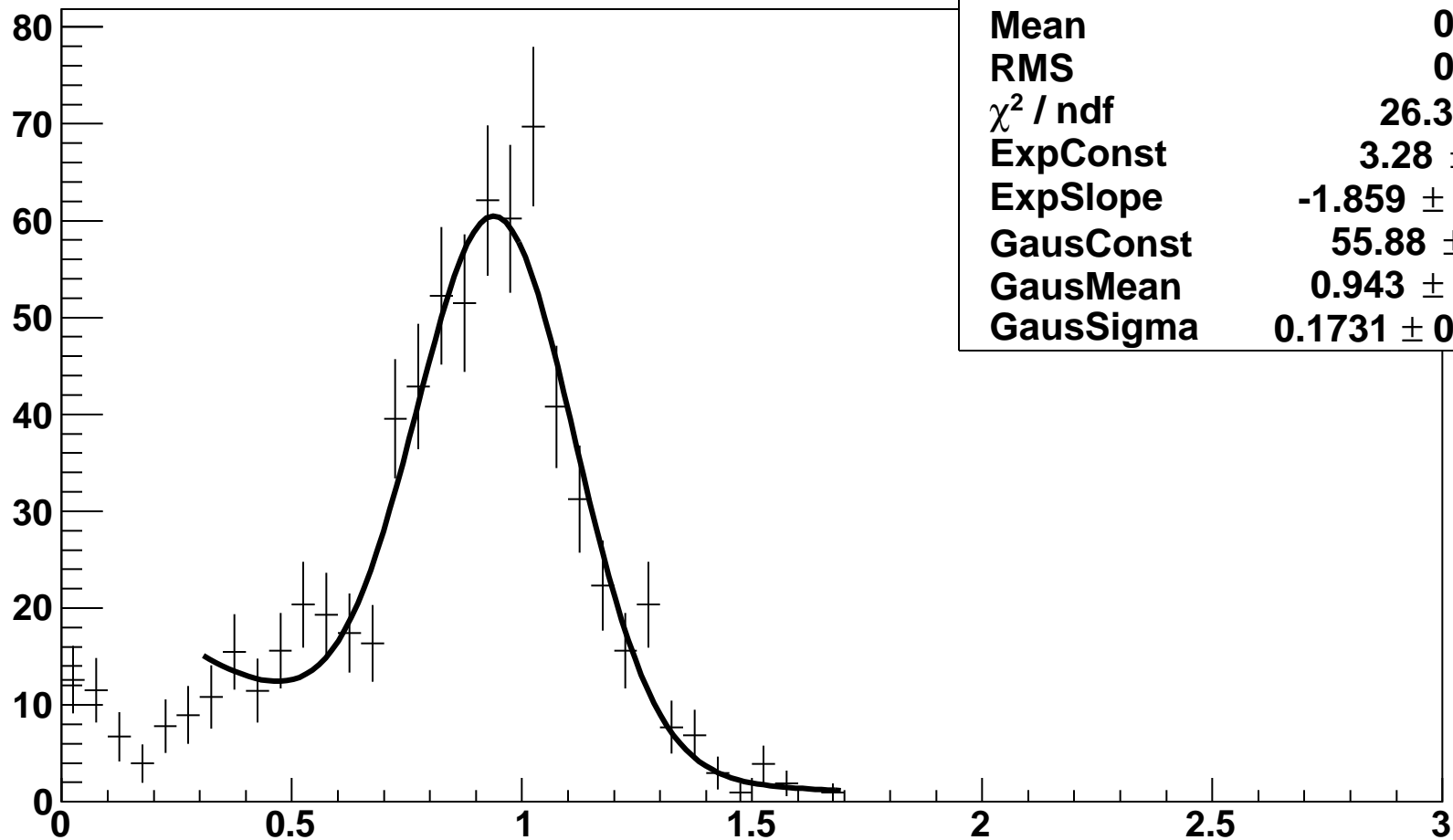
Entries	3162
Mean	0.8715
RMS	0.3064
χ^2 / ndf	21.52 / 23
ExpConst	3.415 \pm 0.163
ExpSlope	-1.145 \pm 0.180
GausConst	125.8 \pm 5.3
GausMean	0.9413 \pm 0.0066
GausSigma	0.1733 \pm 0.0068

mom-slice-6.500000<P<7.000000

new_unbiased_didFire-proj



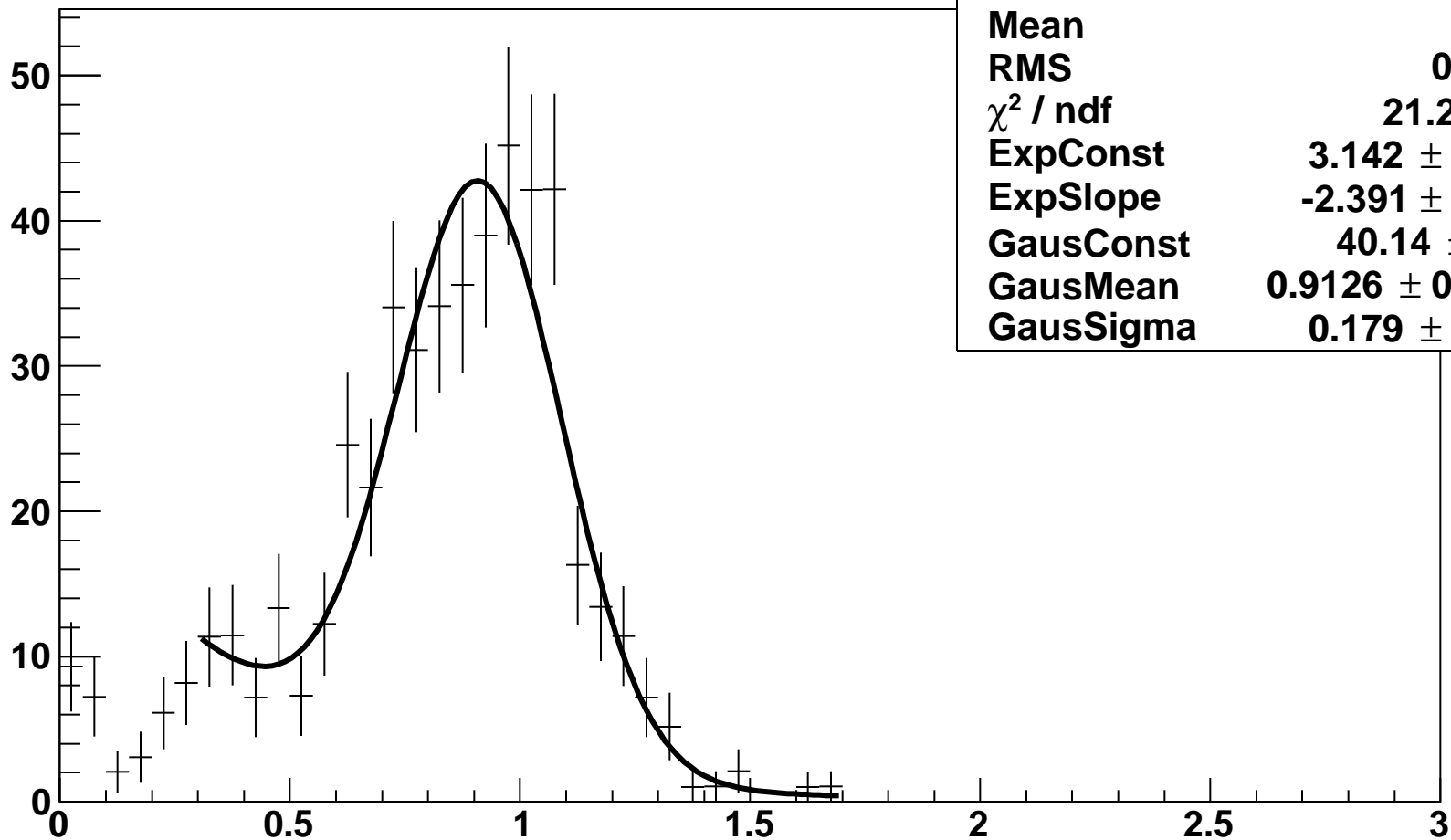
mom-slice-7.000000<P<7.500000



new_unbiased_didFire-proj

Entries	1588
Mean	0.8369
RMS	0.3086
χ^2 / ndf	26.33 / 22
ExpConst	3.28 \pm 0.21
ExpSlope	-1.859 \pm 0.344
GausConst	55.88 \pm 3.50
GausMean	0.943 \pm 0.010
GausSigma	0.1731 \pm 0.0107

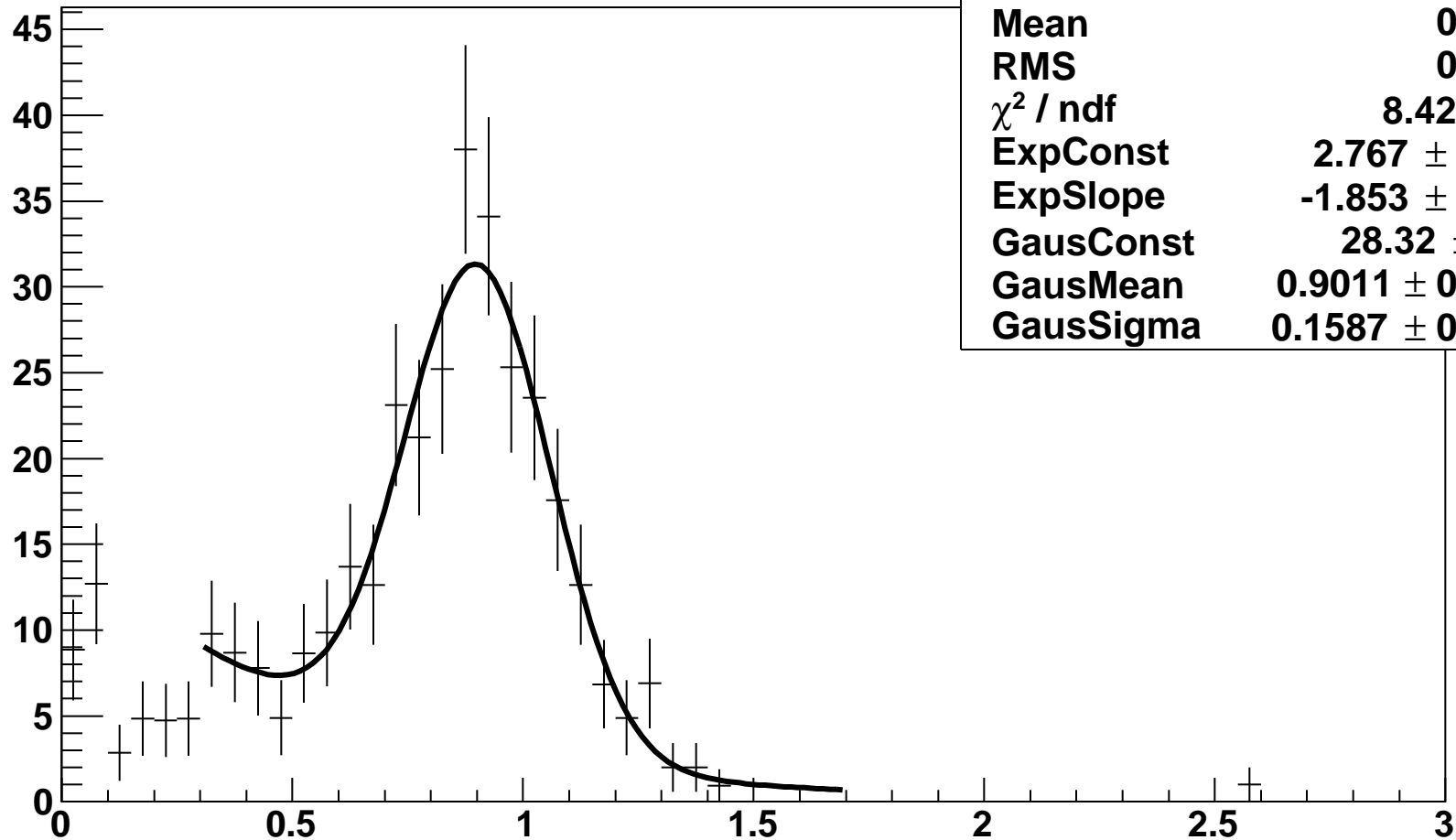
mom-slice-7.500000<P<8.000000



new_unbiased_didFire-proj

Entries	1108
Mean	0.814
RMS	0.2965
χ^2 / ndf	21.27 / 21
ExpConst	3.142 ± 0.390
ExpSlope	-2.391 ± 0.892
GausConst	40.14 ± 2.81
GausMean	0.9126 ± 0.0129
GausSigma	0.179 ± 0.013

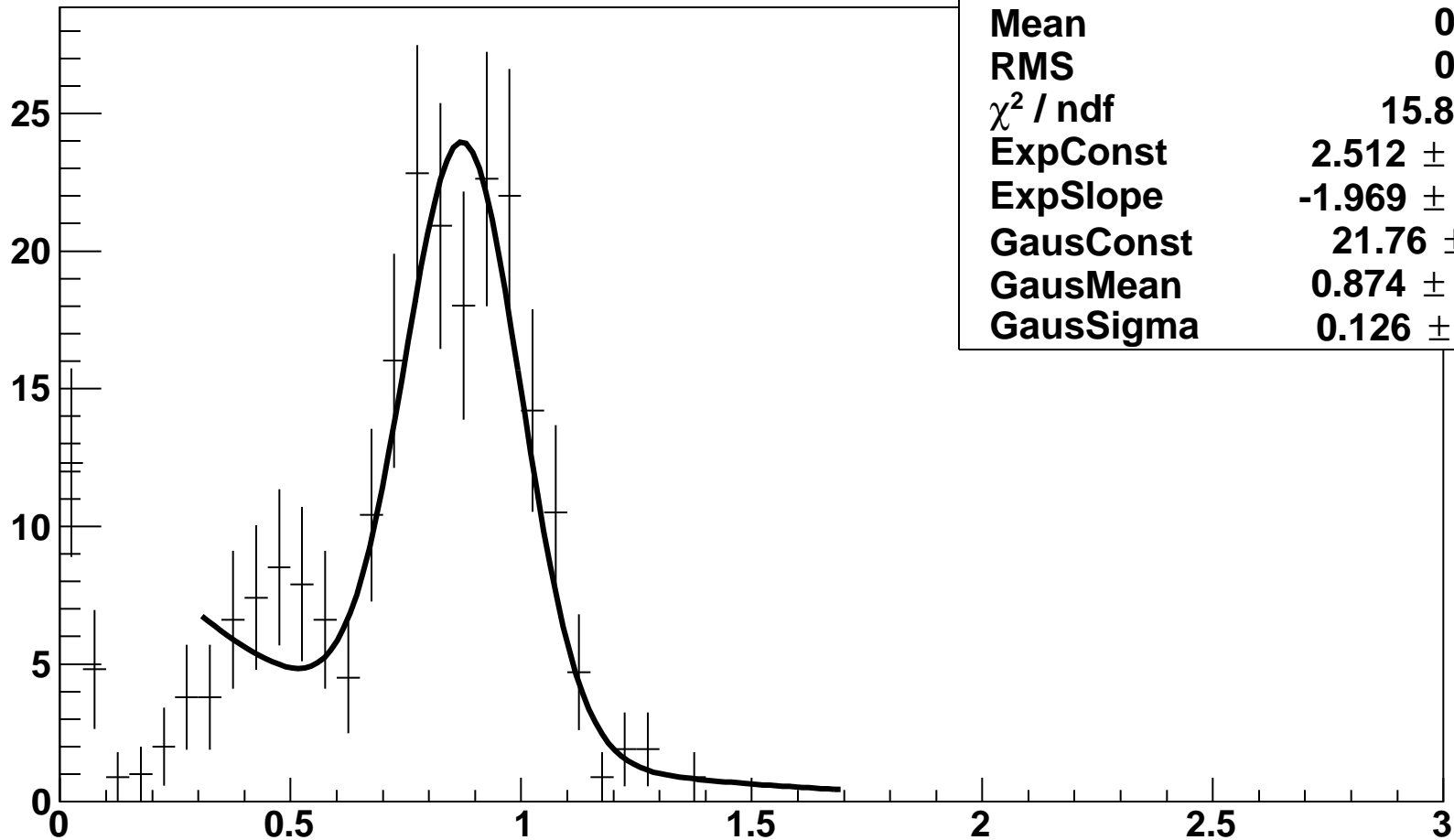
mom-slice-8.000000<P<8.500000



new_unbiased_didFire-proj

Entries	860
Mean	0.7693
RMS	0.3273
χ^2 / ndf	8.425 / 18
ExpConst	2.767 ± 0.342
ExpSlope	-1.853 ± 0.682
GausConst	28.32 ± 2.61
GausMean	0.9011 ± 0.0140
GausSigma	0.1587 ± 0.0163

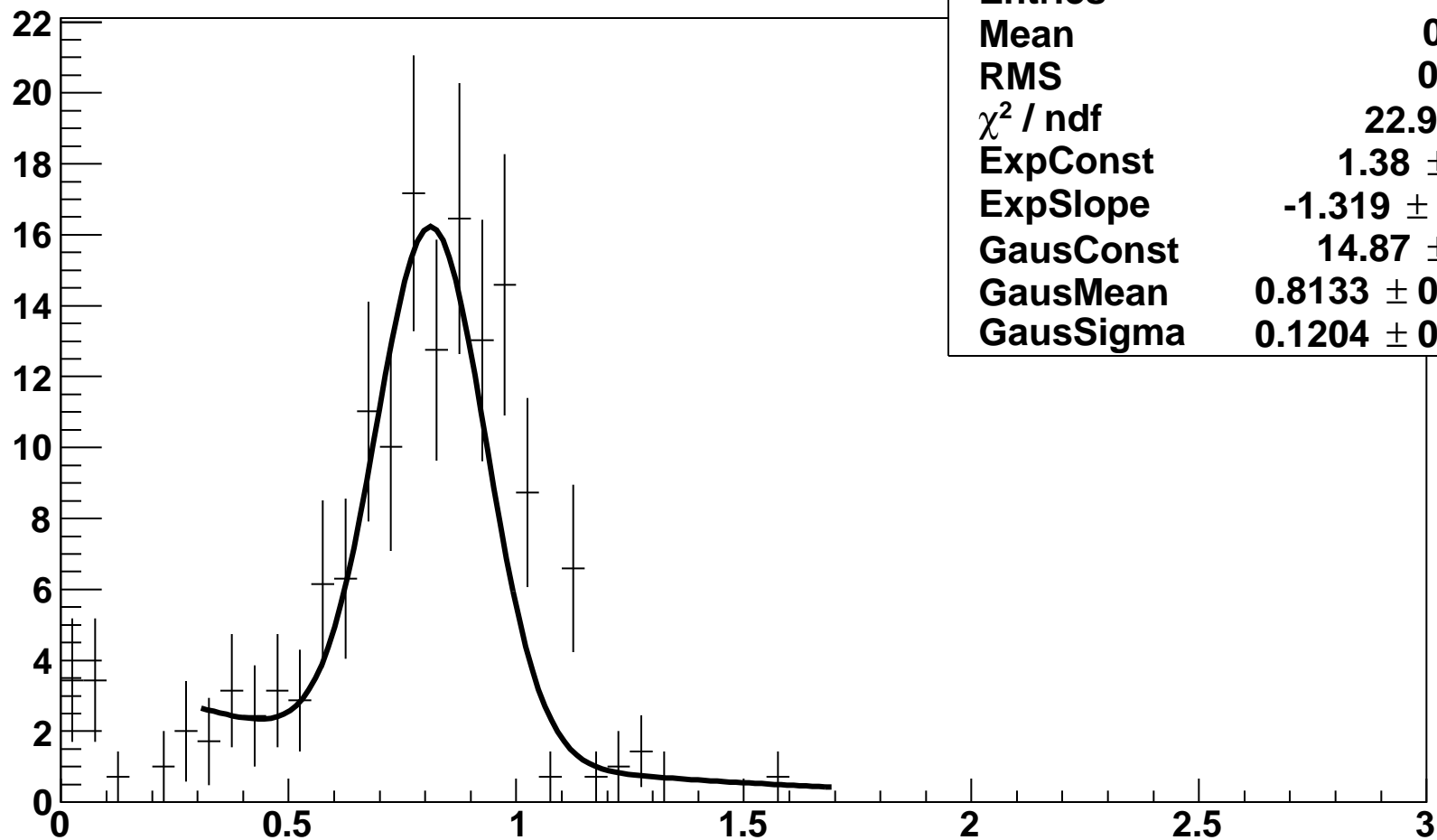
mom-slice-8.500000<P<9.000000



new_unbiased_didFire-proj

Entries	622
Mean	0.7313
RMS	0.2969
χ^2 / ndf	15.83 / 16
ExpConst	2.512 \pm 0.348
ExpSlope	-1.969 \pm 0.659
GausConst	21.76 \pm 2.38
GausMean	0.874 \pm 0.014
GausSigma	0.126 \pm 0.011

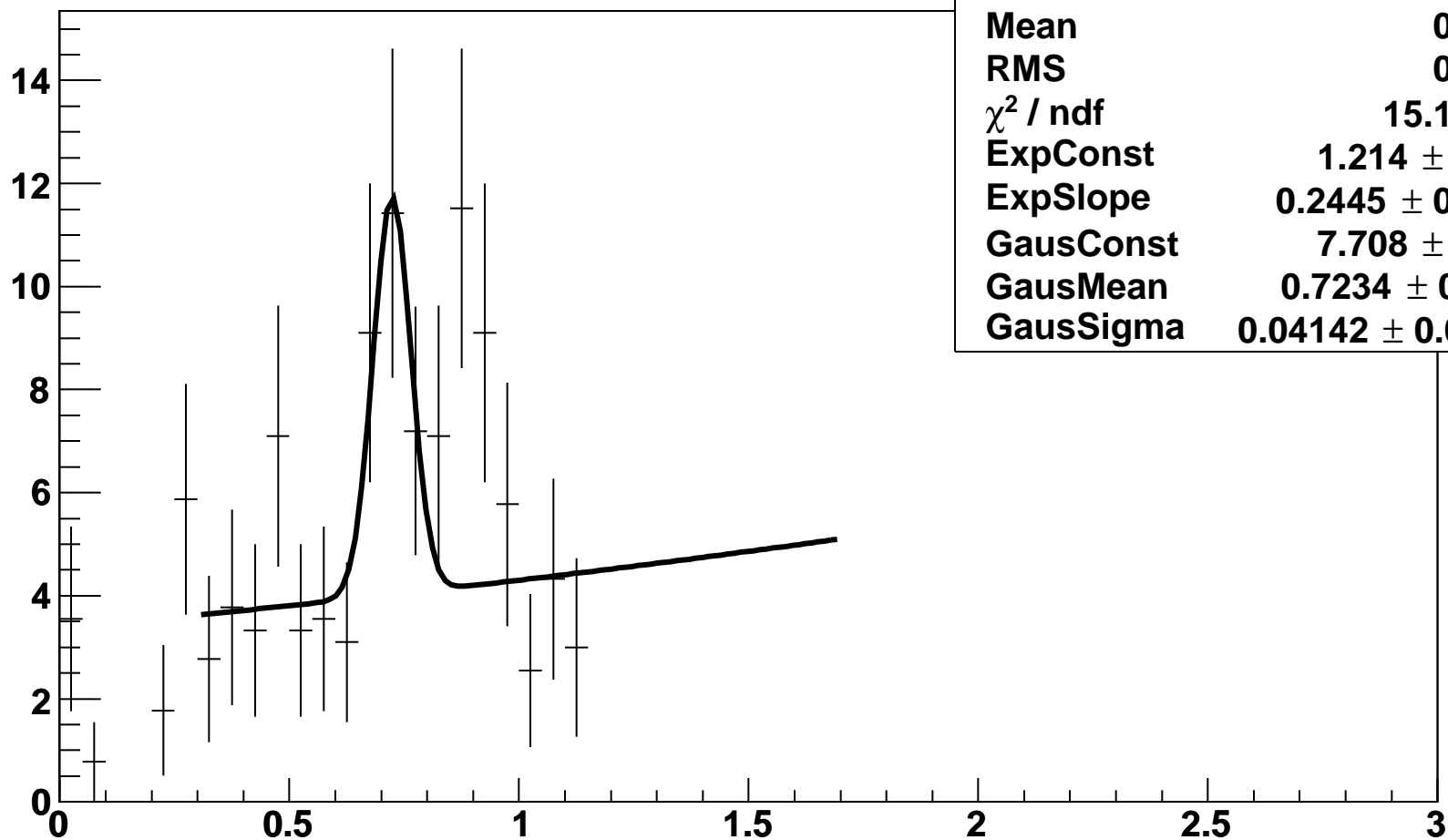
mom-slice-9.000000<P<9.500000



new_unbiased_didFire-proj

Entries	484
Mean	0.7681
RMS	0.2652
χ^2 / ndf	22.92 / 17
ExpConst	1.38 \pm 0.47
ExpSlope	-1.319 \pm 0.634
GausConst	14.87 \pm 1.89
GausMean	0.8133 \pm 0.0172
GausSigma	0.1204 \pm 0.0126

mom-slice-9.500000<P<10.000000



new_unbiased_didFire-proj

Entries	372
Mean	0.6873
RMS	0.2658
χ^2 / ndf	15.13 / 12
ExpConst	1.214 ± 0.344
ExpSlope	0.2445 ± 0.4259
GausConst	7.708 ± 3.382
GausMean	0.7234 ± 0.0211
GausSigma	0.04142 ± 0.01893