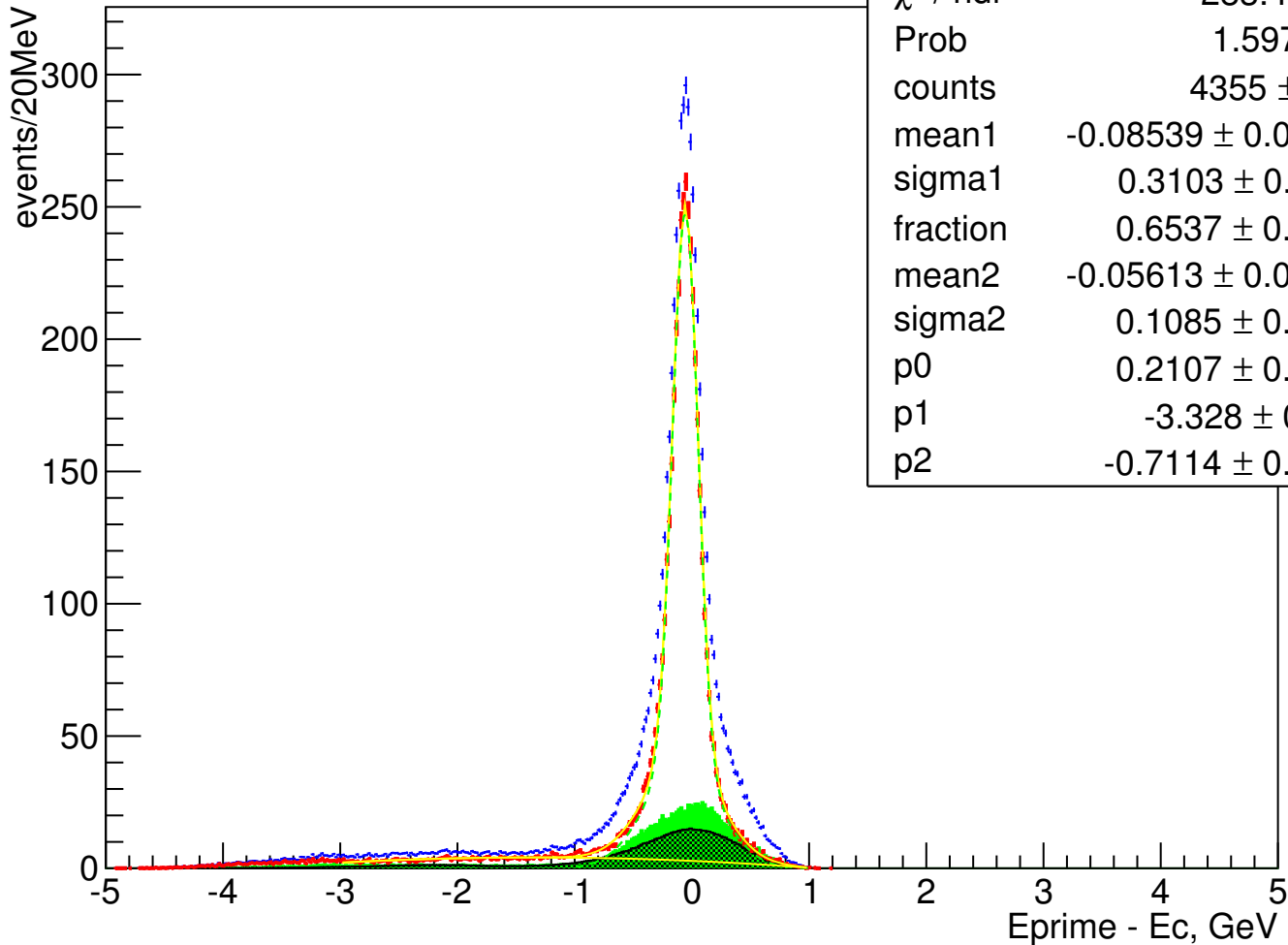Eprime-Ec run 64716 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	283.4 / 191
Prob	1.597e-05
counts	4355 ± 75.1
mean1	-0.08539 ± 0.01123
sigma1	0.3103 ± 0.0193
fraction	0.6537 ± 0.0296
mean2	-0.05613 ± 0.00290
sigma2	0.1085 ± 0.0039
p0	0.2107 ± 0.3684
p1	-3.328 ± 0.419
p2	-0.7114 ± 0.1118

Eprime-Ec run 64717 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	352.7 / 191
Prob	9.966e-12
counts	4347 ± 72.0
mean1	-0.08503 ± 0.01238
sigma1	0.3225 ± 0.0171
fraction	0.685 ± 0.027
mean2	-0.05519 ± 0.00283
sigma2	0.1129 ± 0.0037
p0	2.261e-07 ± 3.202e-02
p1	-3.475 ± 0.371
p2	-0.7451 ± 0.1096

events/20MeV
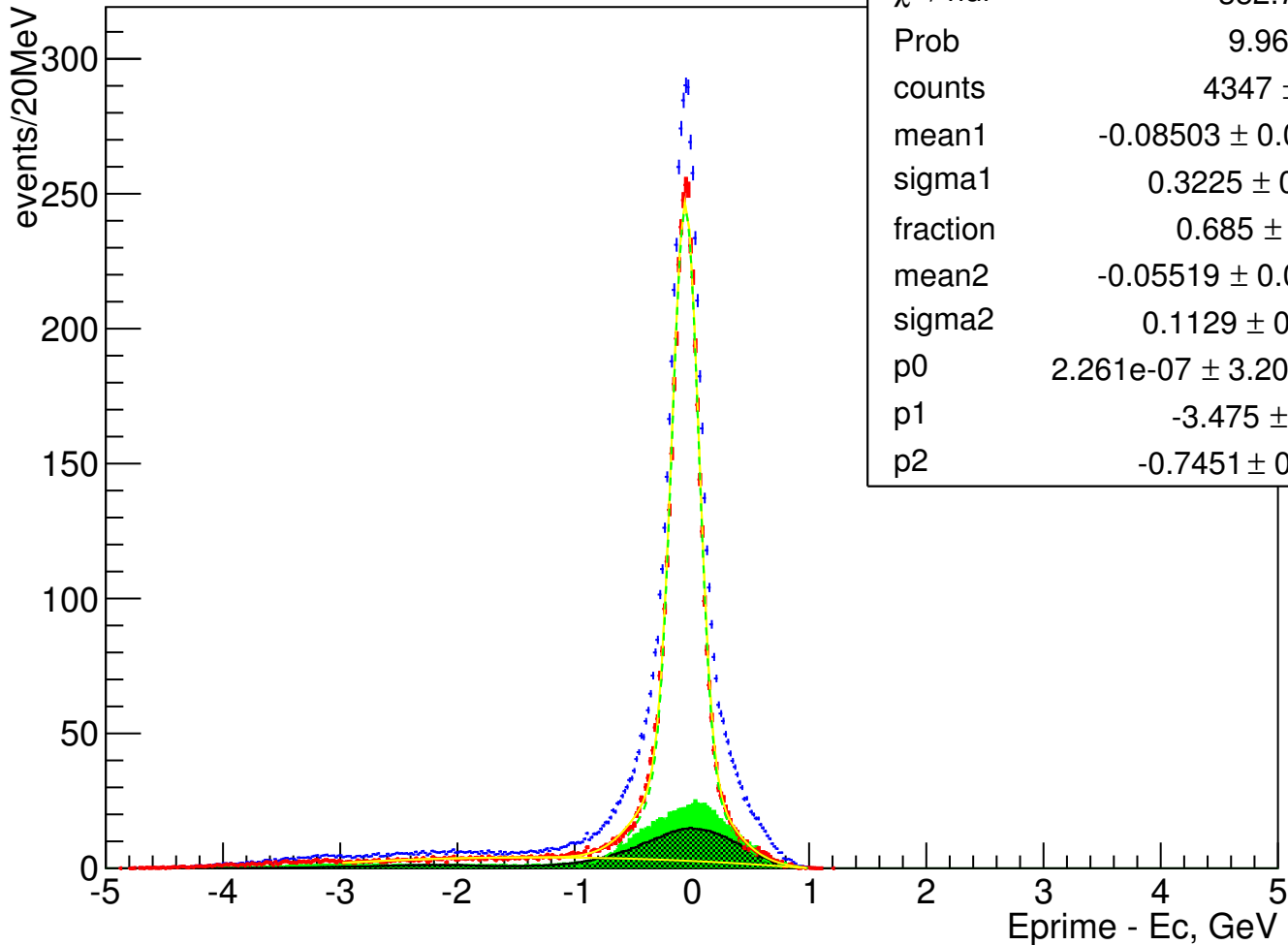
Eprime - Ec, GeV

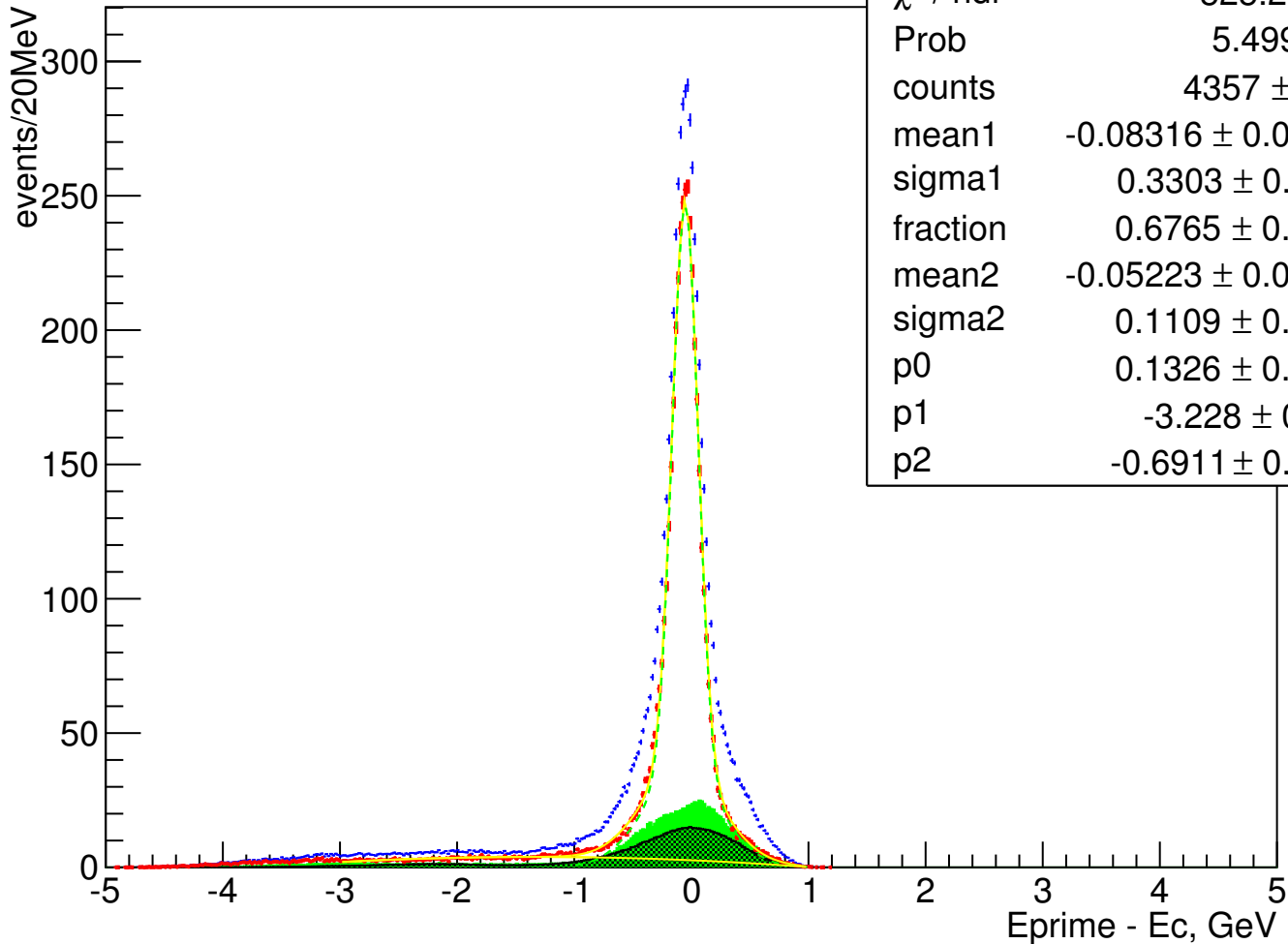# Eprime-Ec run 64718 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	343.1 / 191
Prob	9.211e-11
counts	4369 ± 72.3
mean1	-0.0868 ± 0.0129
sigma1	0.3389 ± 0.0171
fraction	0.689 ± 0.024
mean2	-0.05409 ± 0.00276
sigma2	0.1121 ± 0.0034
p0	1.492e-07 ± 2.622e-02
p1	-3.216 ± 0.371
p2	-0.6769 ± 0.1092

events/20MeV
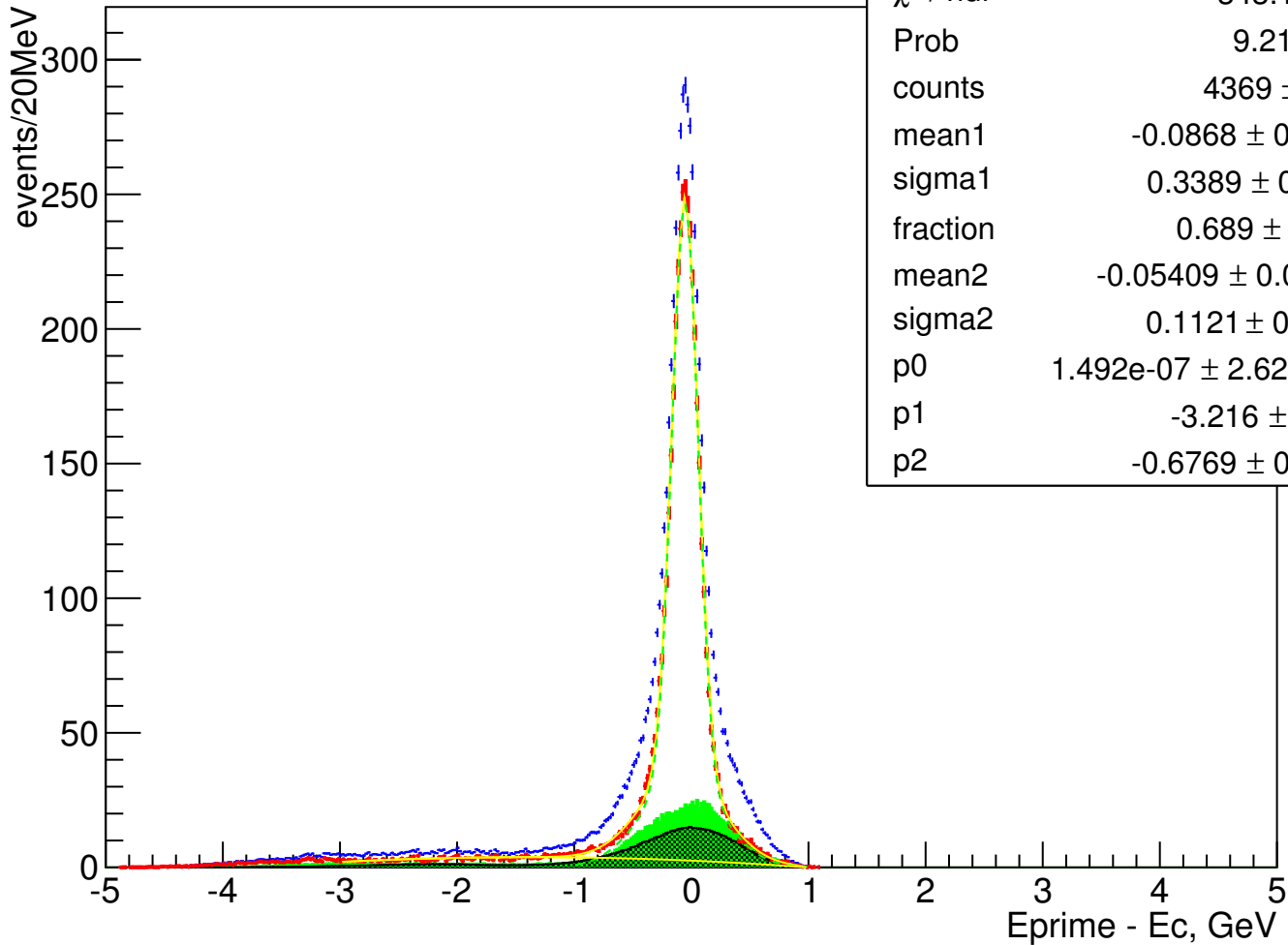
Eprime - Ec, GeV

Eprime-Ec run 64719 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	525.2 / 191
Prob	5.499e-33
counts	4357 ± 76.8
mean1	-0.08316 ± 0.01250
sigma1	0.3303 ± 0.0220
fraction	0.6765 ± 0.0269
mean2	-0.05223 ± 0.00284
sigma2	0.1109 ± 0.0038
p0	0.1326 ± 0.3958
p1	-3.228 ± 0.413
p2	-0.6911 ± 0.1100

Eprime-Ec run 64720 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	377.7 / 191
Prob	2.235e-14
counts	4303 ± 74.8
mean1	-0.08432 ± 0.01266
sigma1	0.3228 ± 0.0211
fraction	0.6855 ± 0.0274
mean2	-0.04745 ± 0.00284
sigma2	0.1113 ± 0.0037
p0	0.1427 ± 0.3401
p1	-3.231 ± 0.403
p2	-0.6913 ± 0.1096
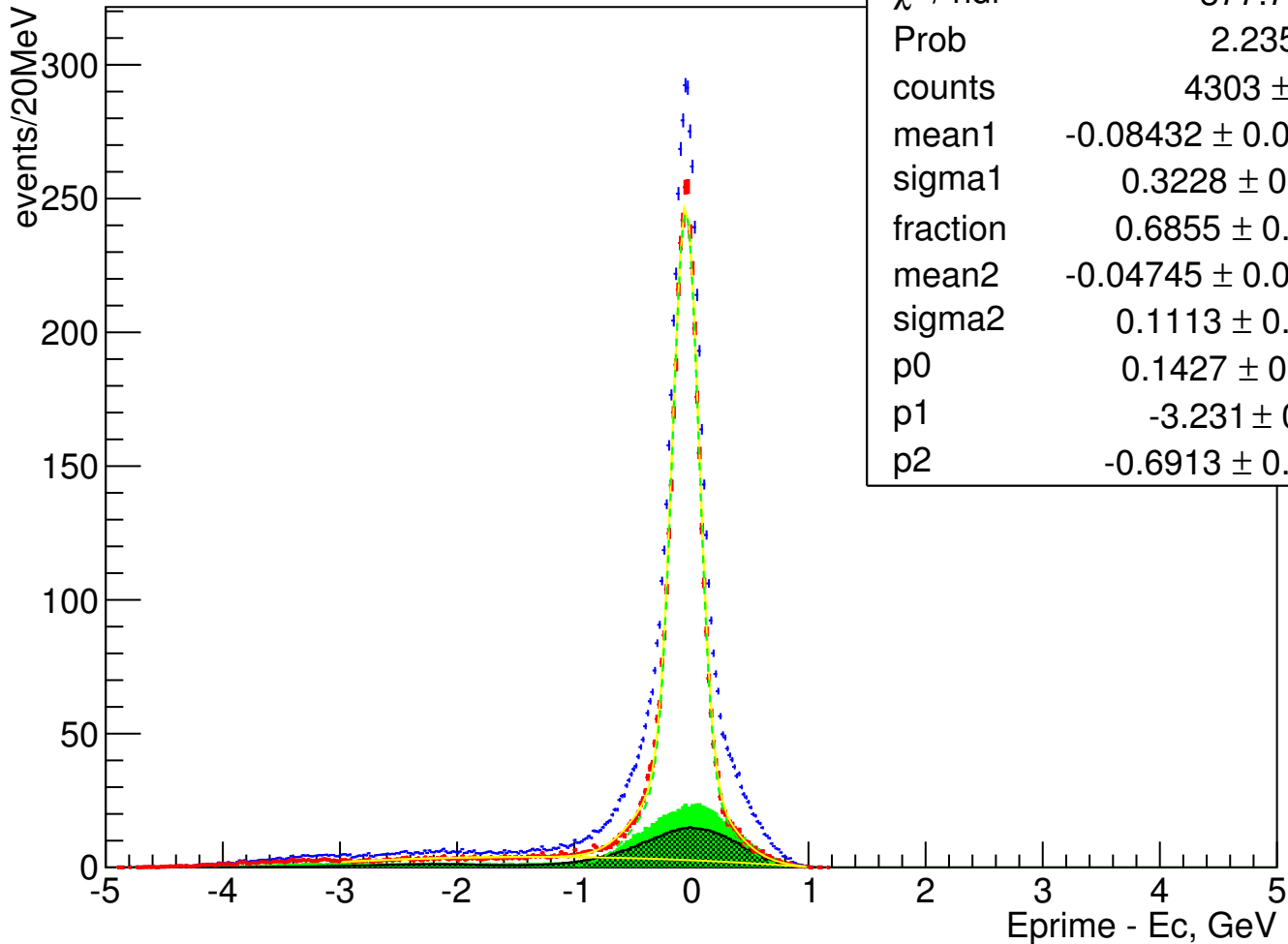
Eprime-Ec run 64721 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	331.7 / 191
Prob	1.164e-09
counts	4324 ± 72.0
mean1	-0.08677 ± 0.01344
sigma1	0.3352 ± 0.0178
fraction	0.6989 ± 0.0246
mean2	-0.04879 ± 0.00277
sigma2	0.1135 ± 0.0034
p0	2.908e-07 ± 4.944e-01
p1	-3.365 ± 0.368
p2	-0.7152 ± 0.1082

events/20MeV
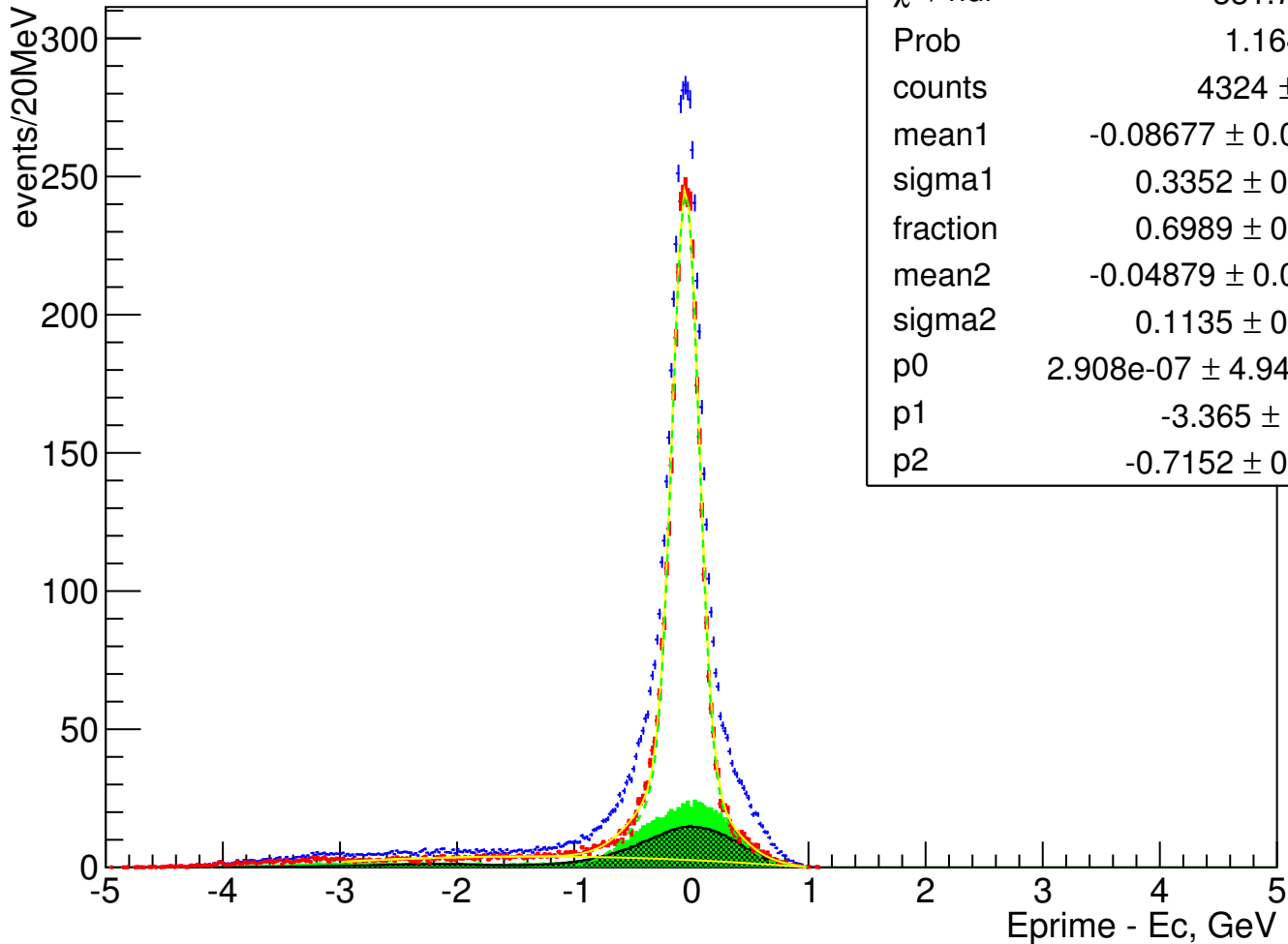
Eprime - Ec, GeV

Eprime-Ec run 64722 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	344.8 / 191
Prob	6.266e-11
counts	4290 ± 75.7
mean1	-0.08177 ± 0.01258
sigma1	0.3232 ± 0.0217
fraction	0.6816 ± 0.0275
mean2	-0.04592 ± 0.00284
sigma2	0.1101 ± 0.0038
p0	0.2376 ± 0.4032
p1	-3.151 ± 0.419
p2	-0.6688 ± 0.1102
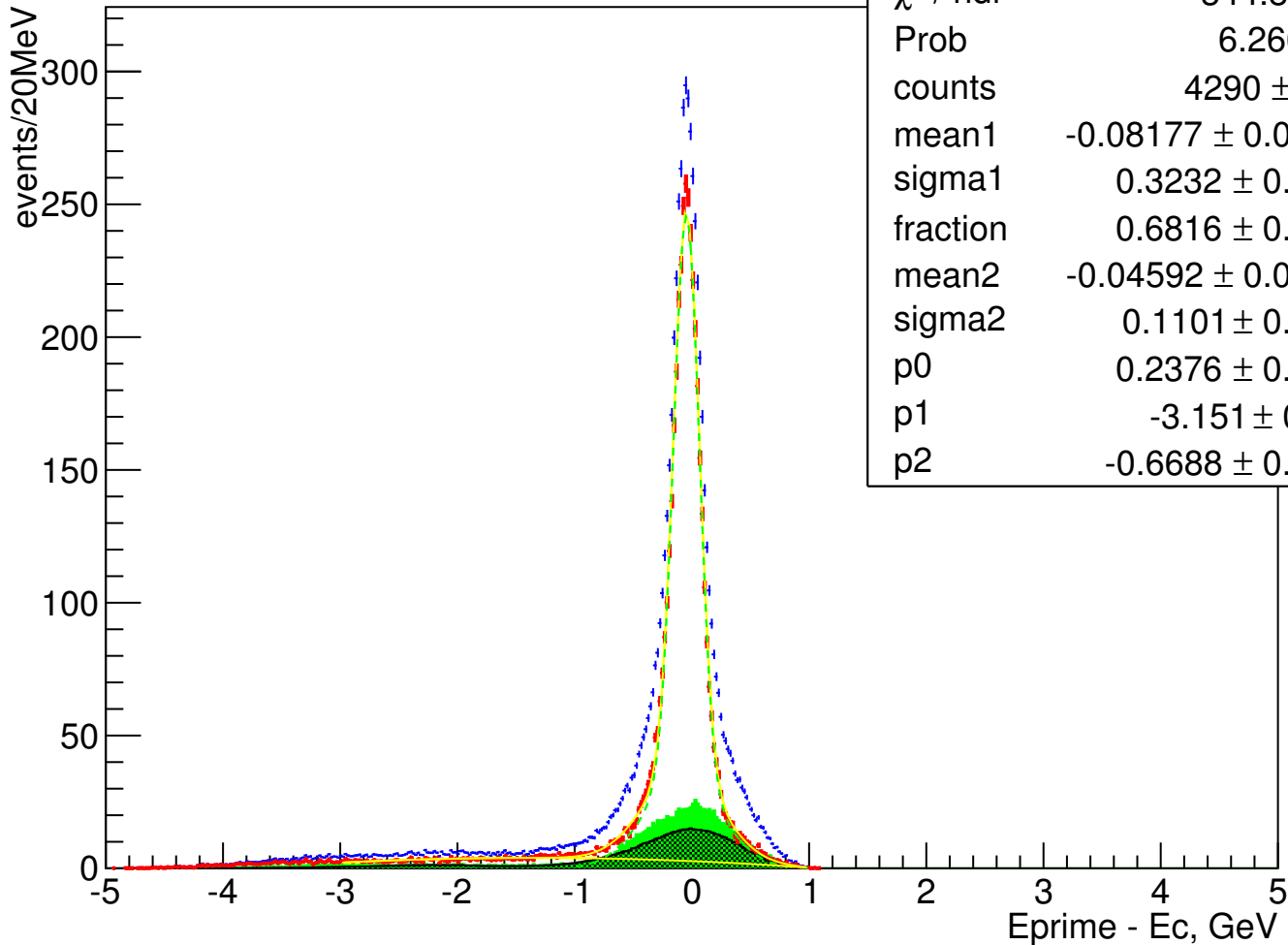
Eprime-Ec run 64723 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	388.1 / 191
Prob	1.57e-15
counts	4317 ± 71.8
mean1	-0.08187 ± 0.01248
sigma1	0.3287 ± 0.0165
fraction	0.6734 ± 0.0250
mean2	-0.0468 ± 0.0028
sigma2	0.1101 ± 0.0035
p0	1.093e-06 ± 2.956e-02
p1	-3.269 ± 0.371
p2	-0.6846 ± 0.1093
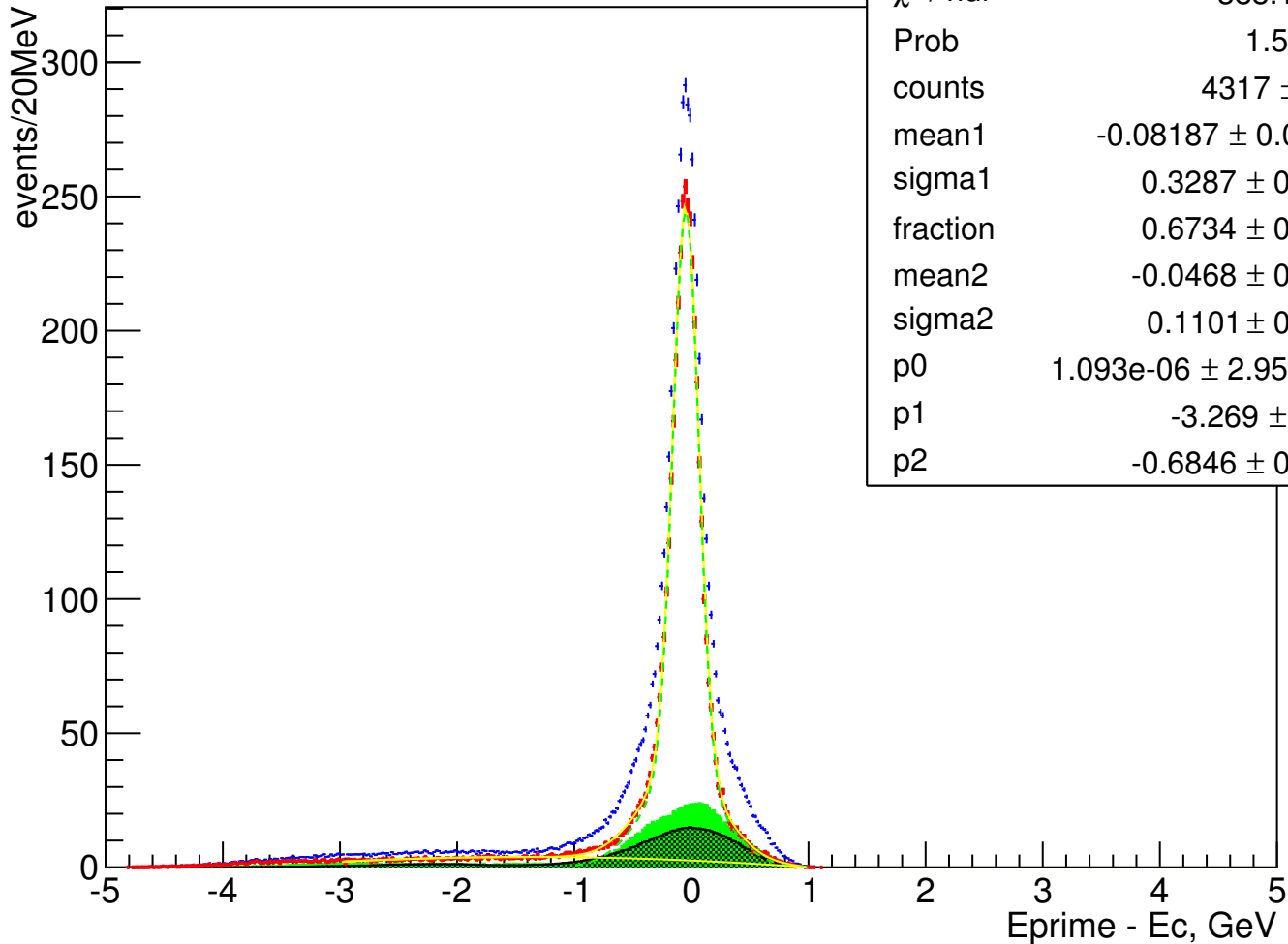
Eprime-Ec run 64724 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	526.4 / 191
Prob	3.759e-33
counts	4298 ± 71.9
mean1	-0.08524 ± 0.01380
sigma1	0.342 ± 0.018
fraction	0.7004 ± 0.0241
mean2	-0.04456 ± 0.00277
sigma2	0.1136 ± 0.0035
p0	6.465e-06 ± 6.641e-01
p1	-3.057 ± 0.371
p2	-0.6255 ± 0.1097
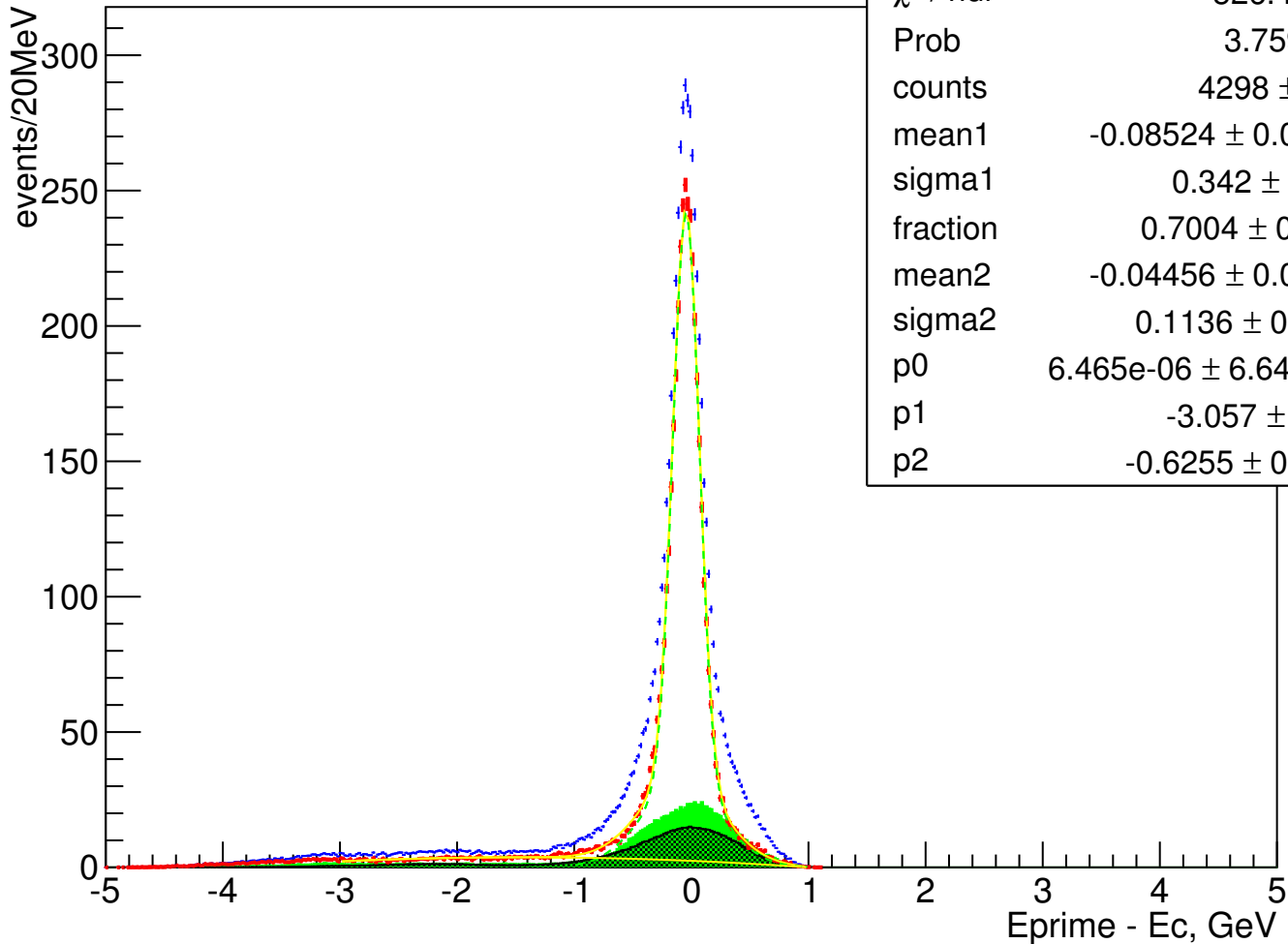
Eprime-Ec run 64725 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	346.4 / 191
Prob	4.297e-11
counts	4280 ± 75.4
mean1	-0.08155 ± 0.01208
sigma1	0.3152 ± 0.0213
fraction	0.6696 ± 0.0293
mean2	-0.04438 ± 0.00291
sigma2	0.1094 ± 0.0039
p0	0.189 ± 0.390
p1	-3.332 ± 0.419
p2	-0.7159 ± 0.1106

events/20MeV
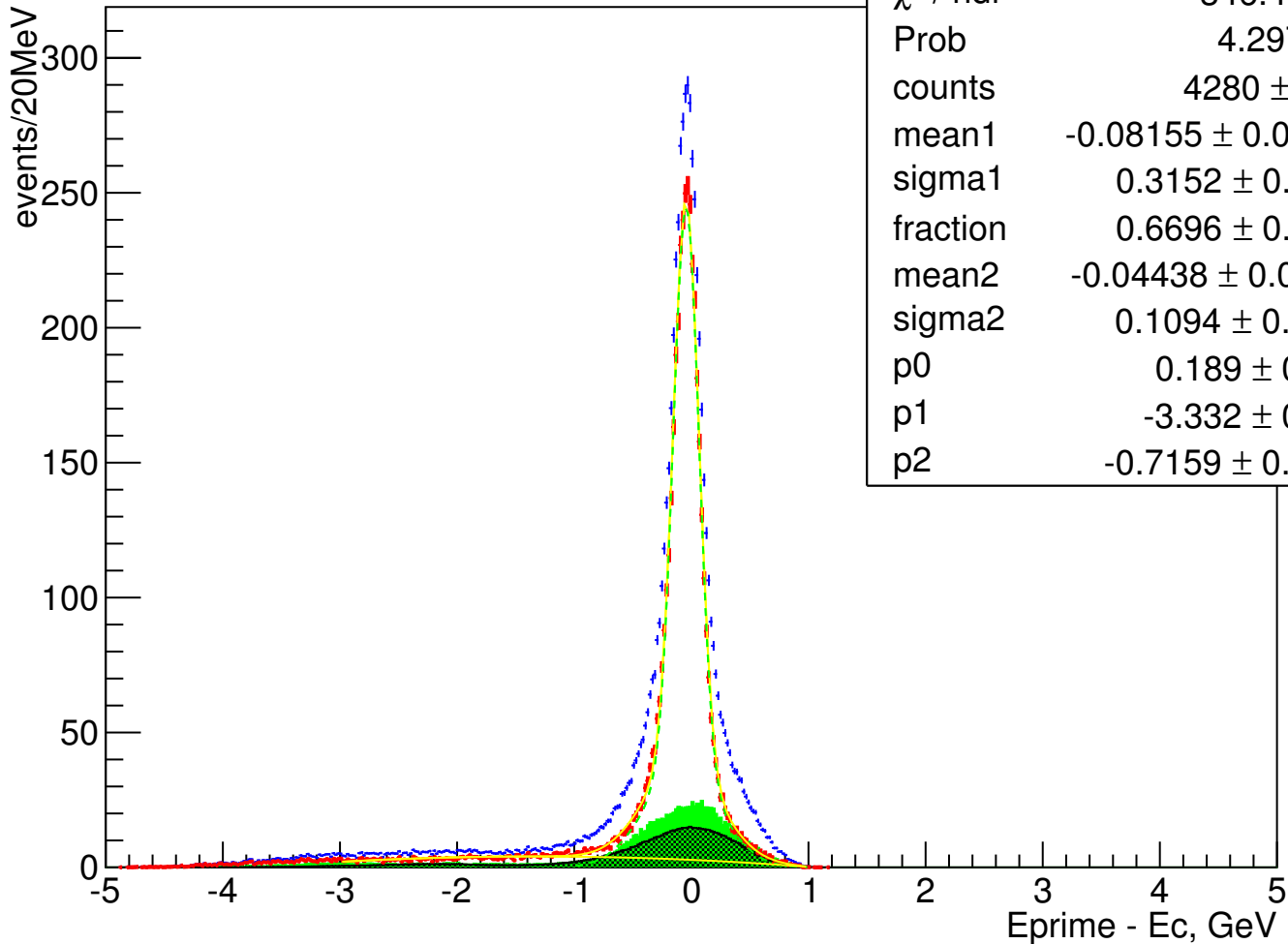
Eprime - Ec, GeV

Eprime-Ec run 64726 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	473.8 / 191
Prob	5.125e-26
counts	4302 ± 75.4
mean1	-0.08041 ± 0.01262
sigma1	0.3248 ± 0.0212
fraction	0.6808 ± 0.0269
mean2	-0.04162 ± 0.00283
sigma2	0.1103 ± 0.0037
p0	0.07864 ± 0.41369
p1	-3.234 ± 0.407
p2	-0.6816 ± 0.1099
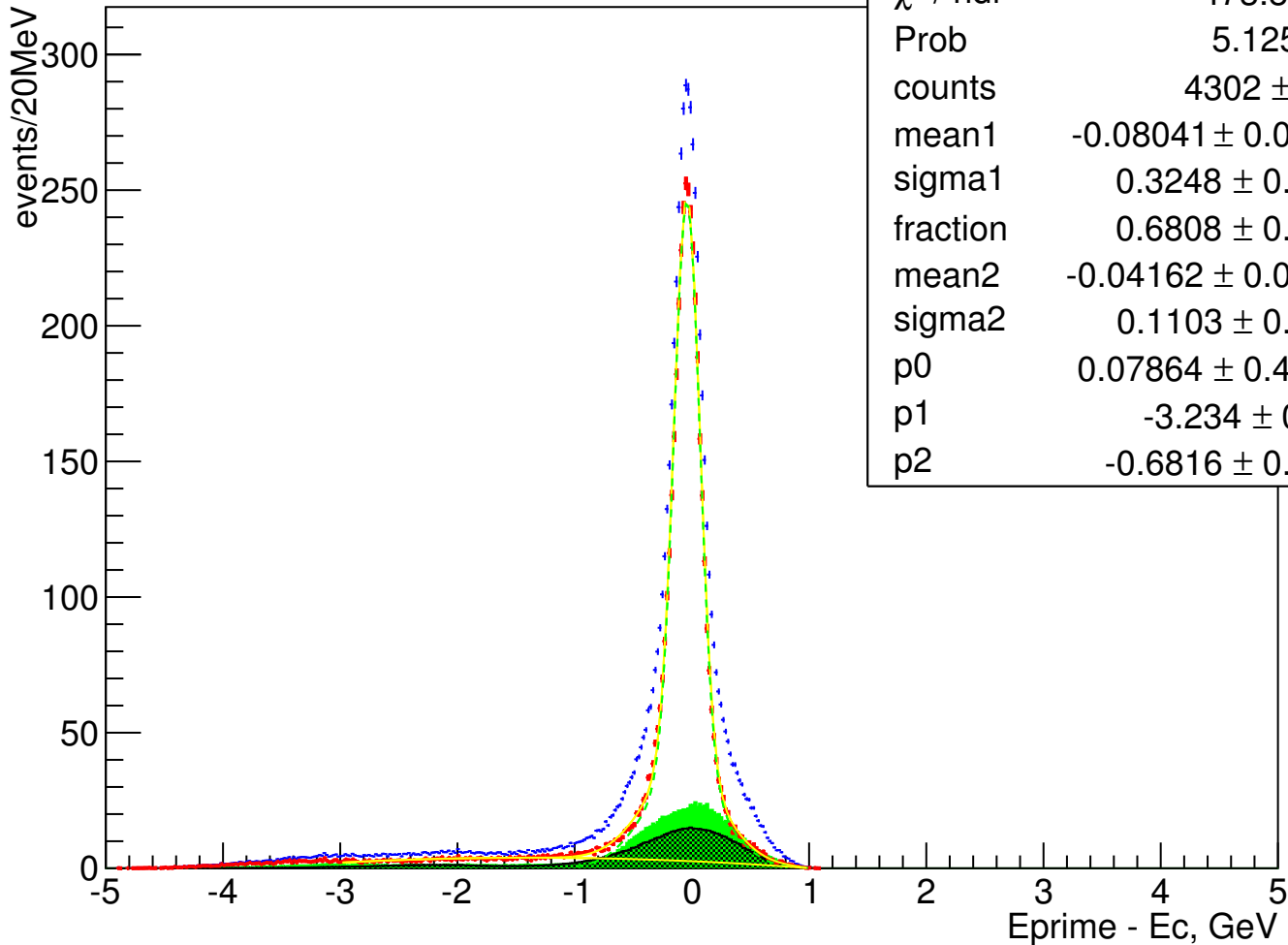
Eprime-Ec run 64727 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	425.8 / 191
Prob	5.999e-20
counts	4357 ± 72.1
mean1	-0.08851 ± 0.01220
sigma1	0.3243 ± 0.0165
fraction	0.6791 ± 0.0253
mean2	-0.04769 ± 0.00277
sigma2	0.1095 ± 0.0035
p0	7.083e-09 ± 3.106e-02
p1	-3.286 ± 0.368
p2	-0.6883 ± 0.1086
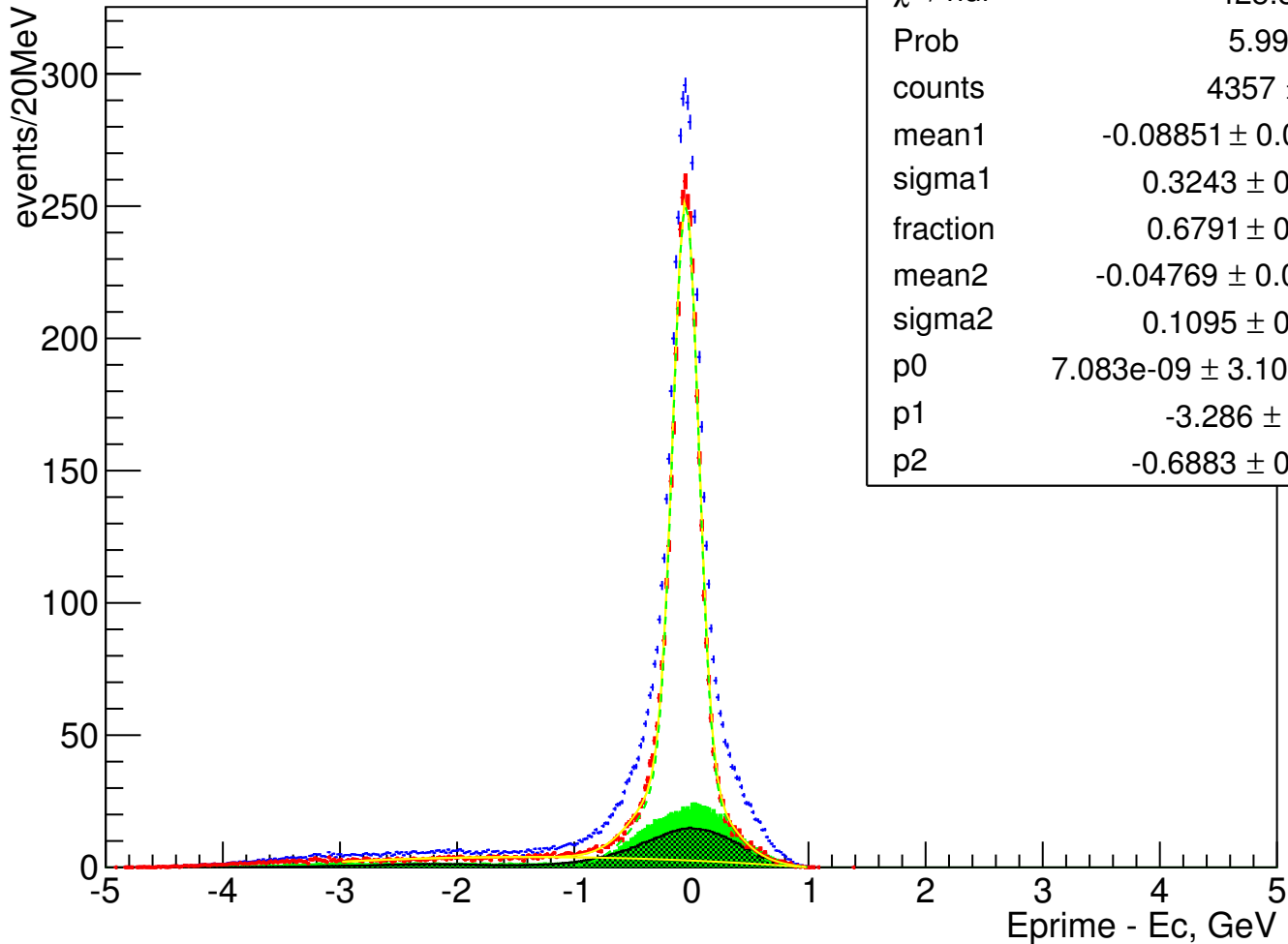
Eprime-Ec run 64728 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	450.9 / 191
Prob	4.522e-23
counts	4326 ± 67.8
mean1	-0.08466 ± 0.01194
sigma1	0.3251 ± 0.0163
fraction	0.6794 ± 0.0250
mean2	-0.04554 ± 0.00279
sigma2	0.1096 ± 0.0034
p0	1.709e-06 ± 2.963e-02
p1	-3.356 ± 0.052
p2	-0.7132 ± 0.0160
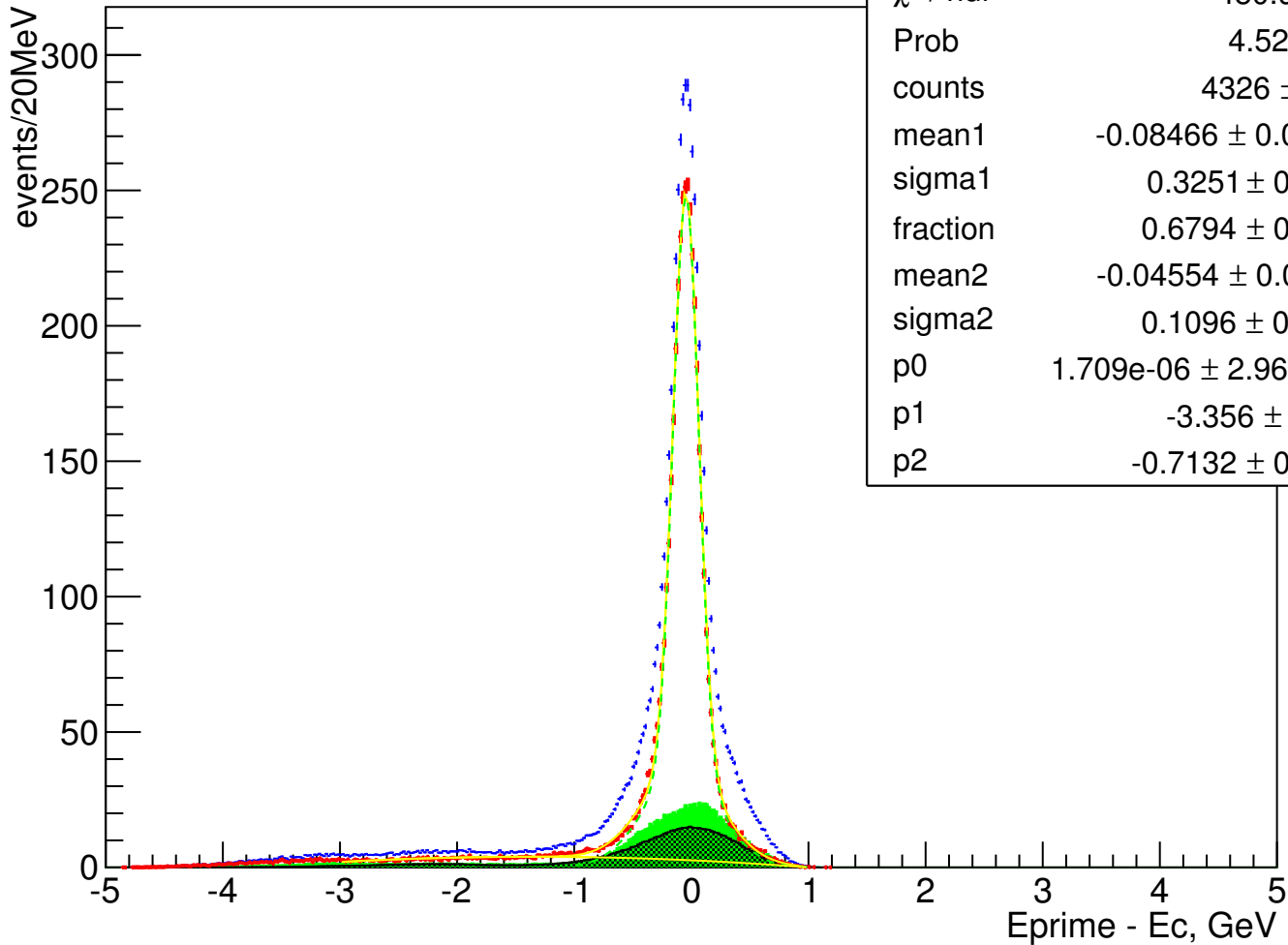
Eprime-Ec run 64729 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	452.8 / 191
Prob	2.599e-23
counts	4322 ± 71.5
mean1	-0.08251 ± 0.01220
sigma1	0.3256 ± 0.0164
fraction	0.6775 ± 0.0250
mean2	-0.04338 ± 0.00278
sigma2	0.1097 ± 0.0035
p0	$2.977\text{e-}06 \pm 2.982\text{e-}02$
p1	-3.233 ± 0.365
p2	-0.6734 ± 0.1079
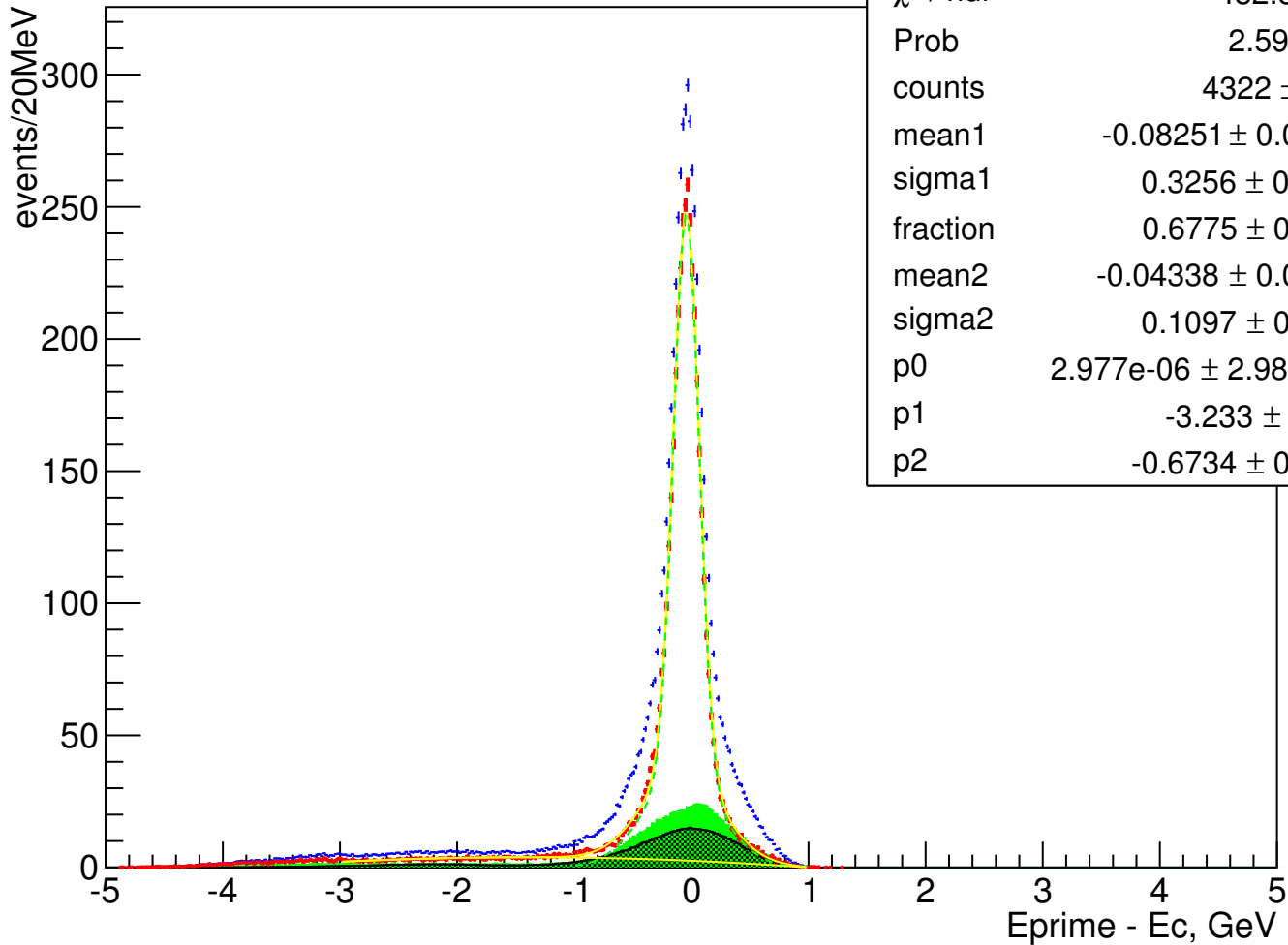
Eprime-Ec run 64730 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	420.5 / 191
Prob	2.647e-19
counts	4348 ± 71.7
mean1	-0.08847 ± 0.01253
sigma1	0.3321 ± 0.0162
fraction	0.6783 ± 0.0237
mean2	-0.04267 ± 0.00277
sigma2	0.1101 ± 0.0033
p0	1.404e-09 ± 2.301e-01
p1	-3.205 ± 0.362
p2	-0.6708 ± 0.1066
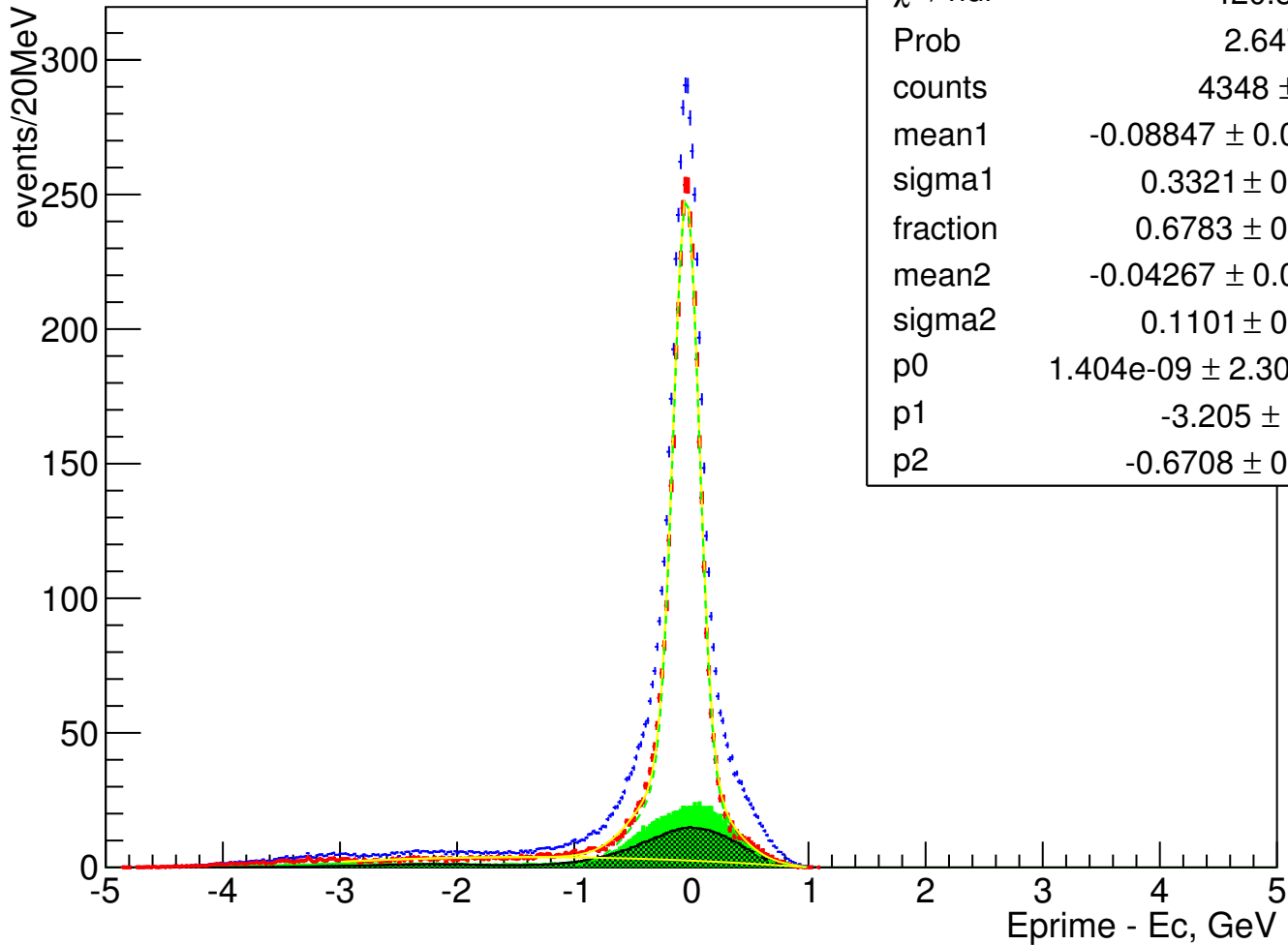
Eprime-Ec run 64731 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	376.2 / 191
Prob	3.262e-14
counts	4338 ± 72.2
mean1	-0.09373 ± 0.01285
sigma1	0.3282 ± 0.0169
fraction	0.684 ± 0.025
mean2	-0.04489 ± 0.00278
sigma2	0.1111 ± 0.0035
p0	3.185e-10 ± 2.783e-01
p1	-3.309 ± 0.371
p2	-0.6919 ± 0.1095
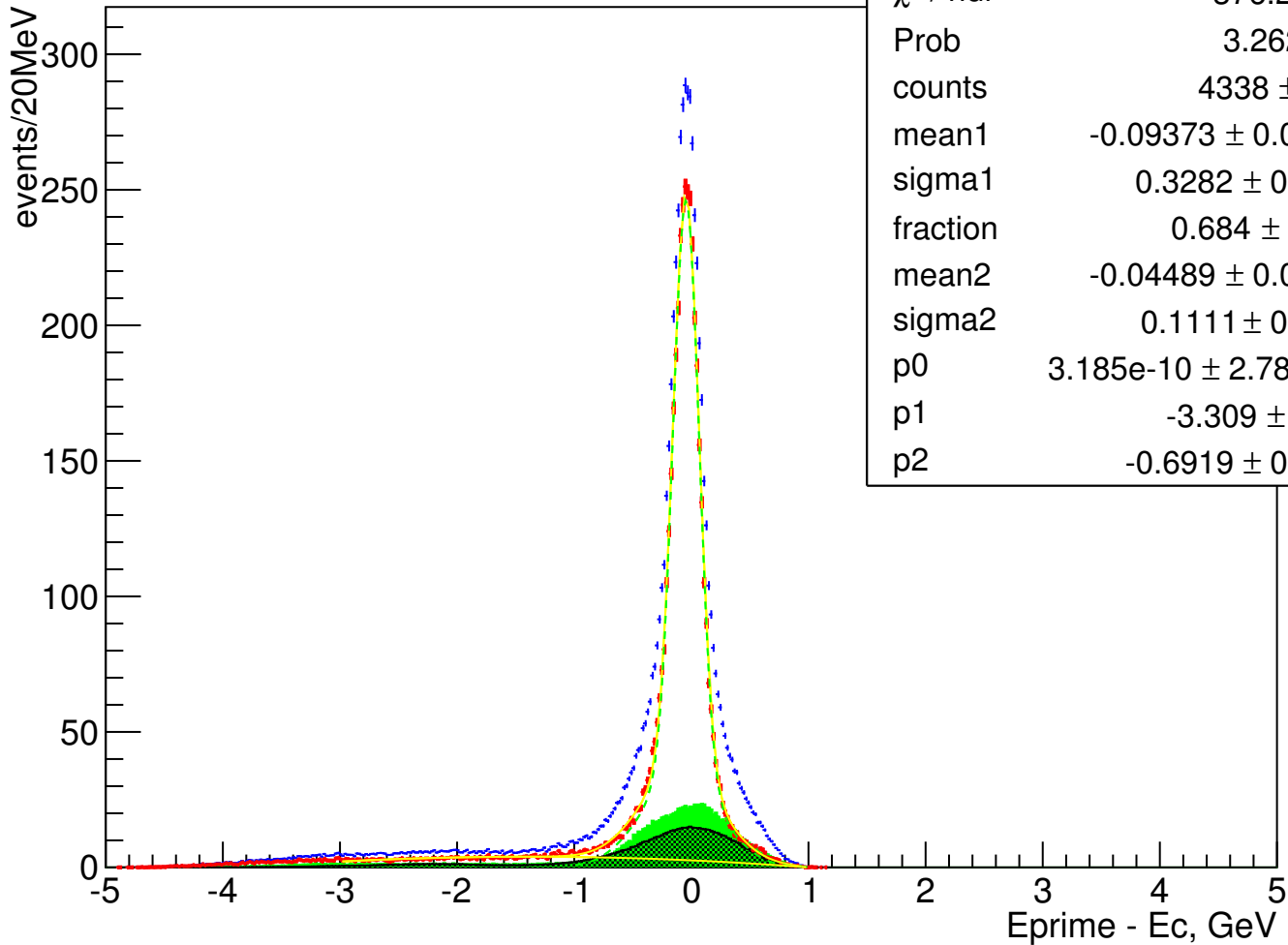
Eprime-Ec run 64732 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	415.3 / 191
Prob	1.091e-18
counts	4312 ± 72.0
mean1	-0.08291 ± 0.01251
sigma1	0.3241 ± 0.0173
fraction	0.6767 ± 0.0258
mean2	-0.04444 ± 0.00276
sigma2	0.109 ± 0.004
p0	3.643e-07 ± 1.107e+00
p1	-3.323 ± 0.371
p2	-0.6955 ± 0.1095

y-axis: events/20MeV

x-axis: Eprime - Ec, GeV
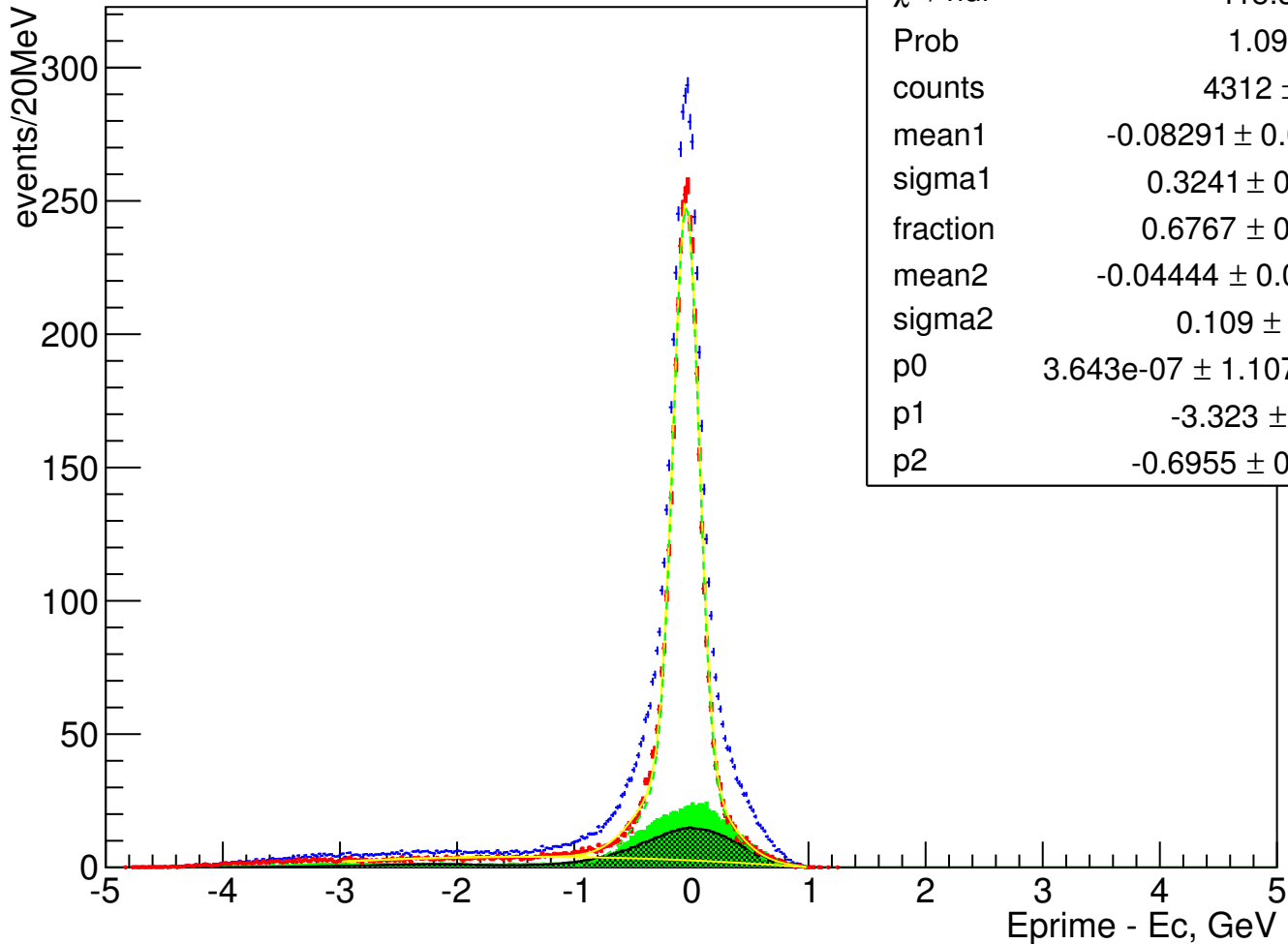
Eprime-Ec run 64733 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	398.4 / 191
Prob	1.052e-16
counts	4354 ± 2785549.2
mean1	-0.08646 ± 0.25670
sigma1	0.3287 ± 0.2937
fraction	0.6815 ± 0.7544
mean2	-0.04463 ± 0.27428
sigma2	0.1106 ± 0.2437
p0	0.007716 ± 11.985931
p1	-3.319 ± 1440.985
p2	-0.6941 ± 14418.5156
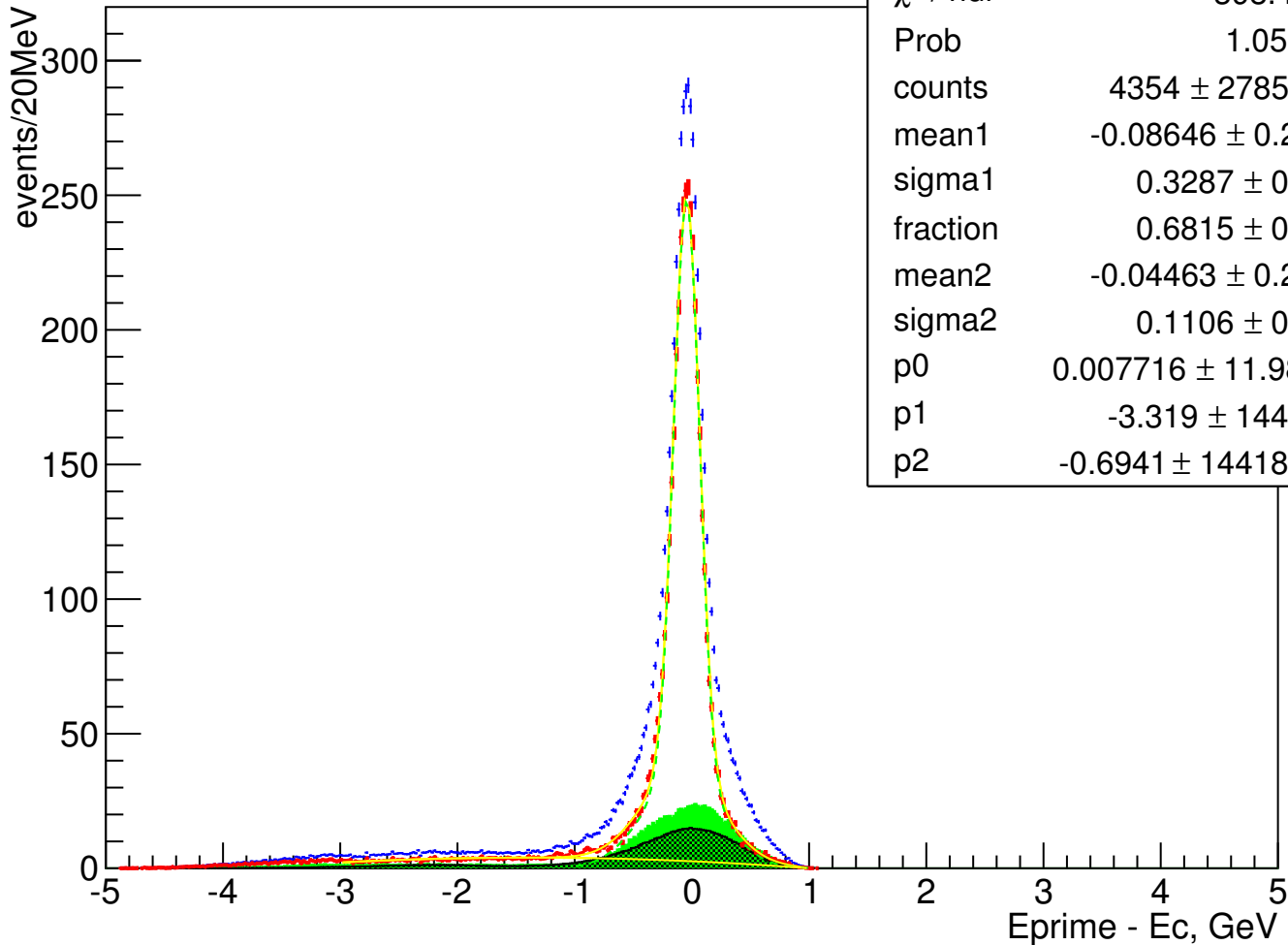
Eprime-Ec run 64734 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	373.9 / 191
Prob	5.742e-14
counts	4341 ± 71.6
mean1	-0.07635 ± 0.01202
sigma1	0.3239 ± 0.0161
fraction	0.6772 ± 0.0252
mean2	-0.04381 ± 0.00275
sigma2	0.1091 ± 0.0035
p0	3.863e-06 ± 4.958e-01
p1	-3.286 ± 0.362
p2	-0.6886 ± 0.1071
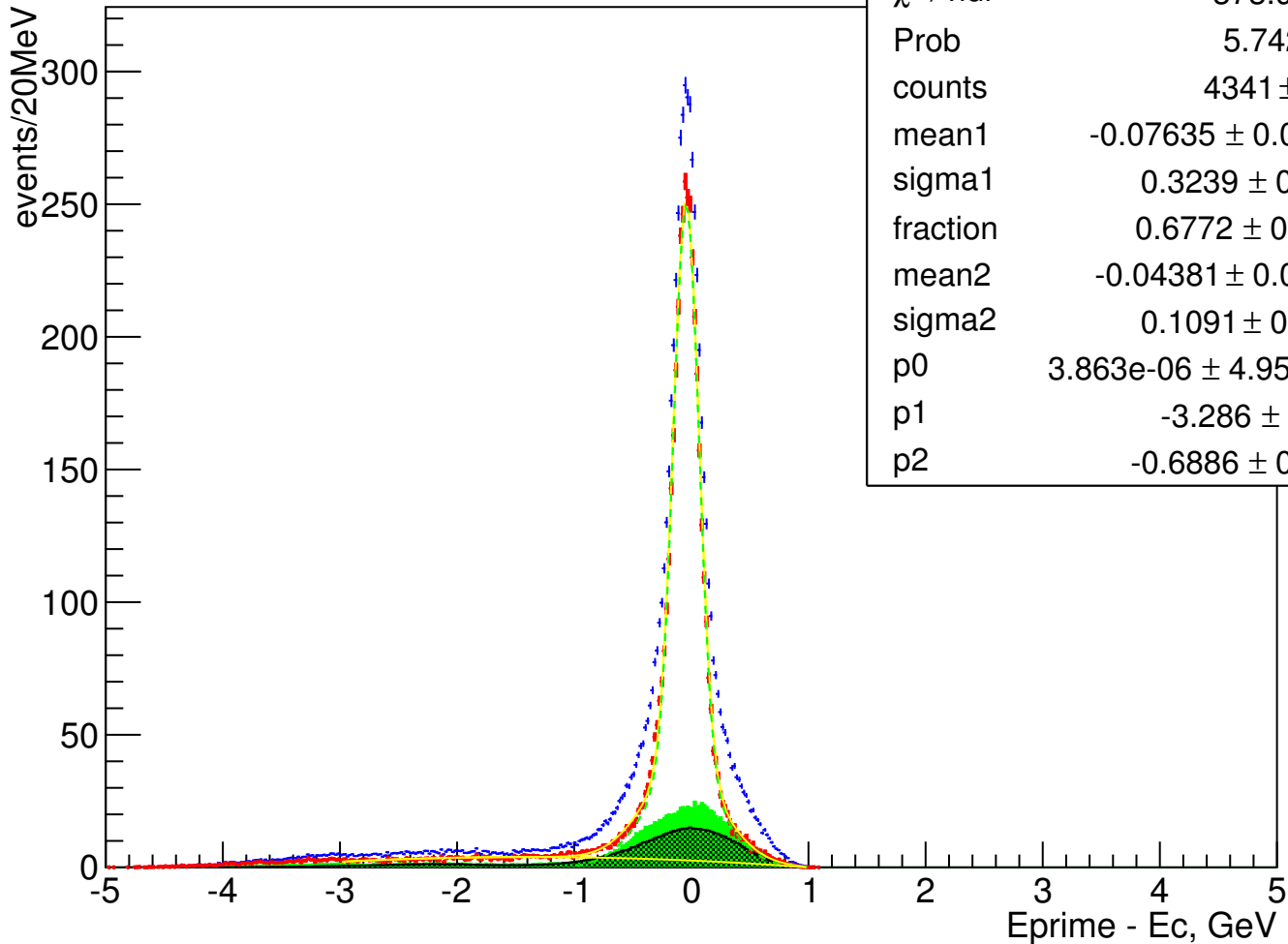
Eprime-Ec run 64735 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	514.7 / 191
Prob	1.574e-31
counts	4302 ± 3756837.0
mean1	-0.0853 ± 0.3415
sigma1	0.3218 ± 0.1946
fraction	0.6804 ± 0.6080
mean2	-0.0428 ± 0.3211
sigma2	0.1091 ± 0.3370
p0	0.004017 ± 11.986818
p1	-3.501 ± 1481.865
p2	-0.751 ± 14796.708
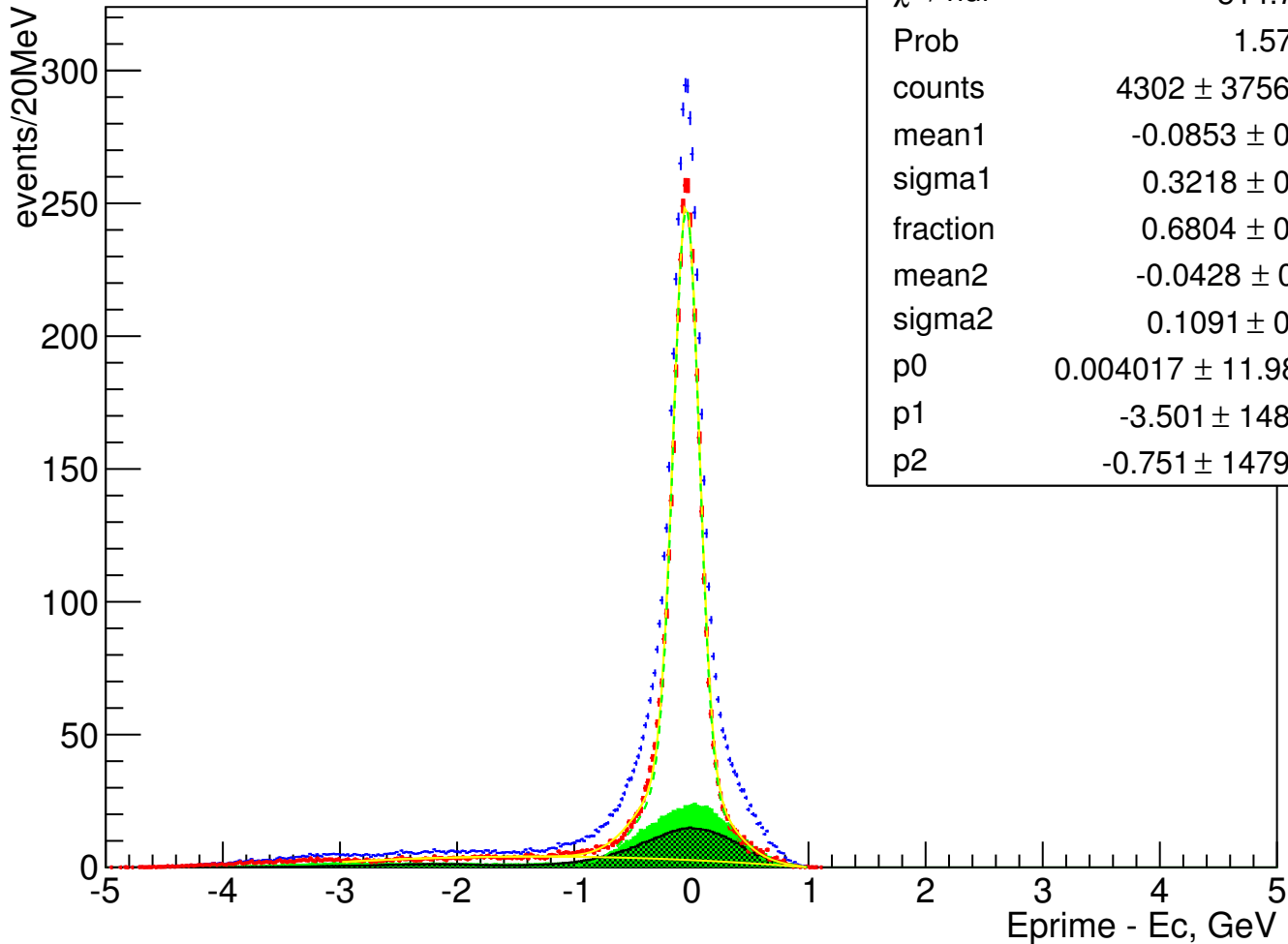
Eprime-Ec run 64736 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	375.7 / 191
Prob	3.683e-14
counts	4359 ± 72.0
mean1	-0.08311 ± 0.01266
sigma1	0.3283 ± 0.0167
fraction	0.6797 ± 0.0245
mean2	-0.04199 ± 0.00274
sigma2	0.1095 ± 0.0034
p0	2.993e-07 ± 3.166e-02
p1	-3.394 ± 0.365
p2	-0.7263 ± 0.1074
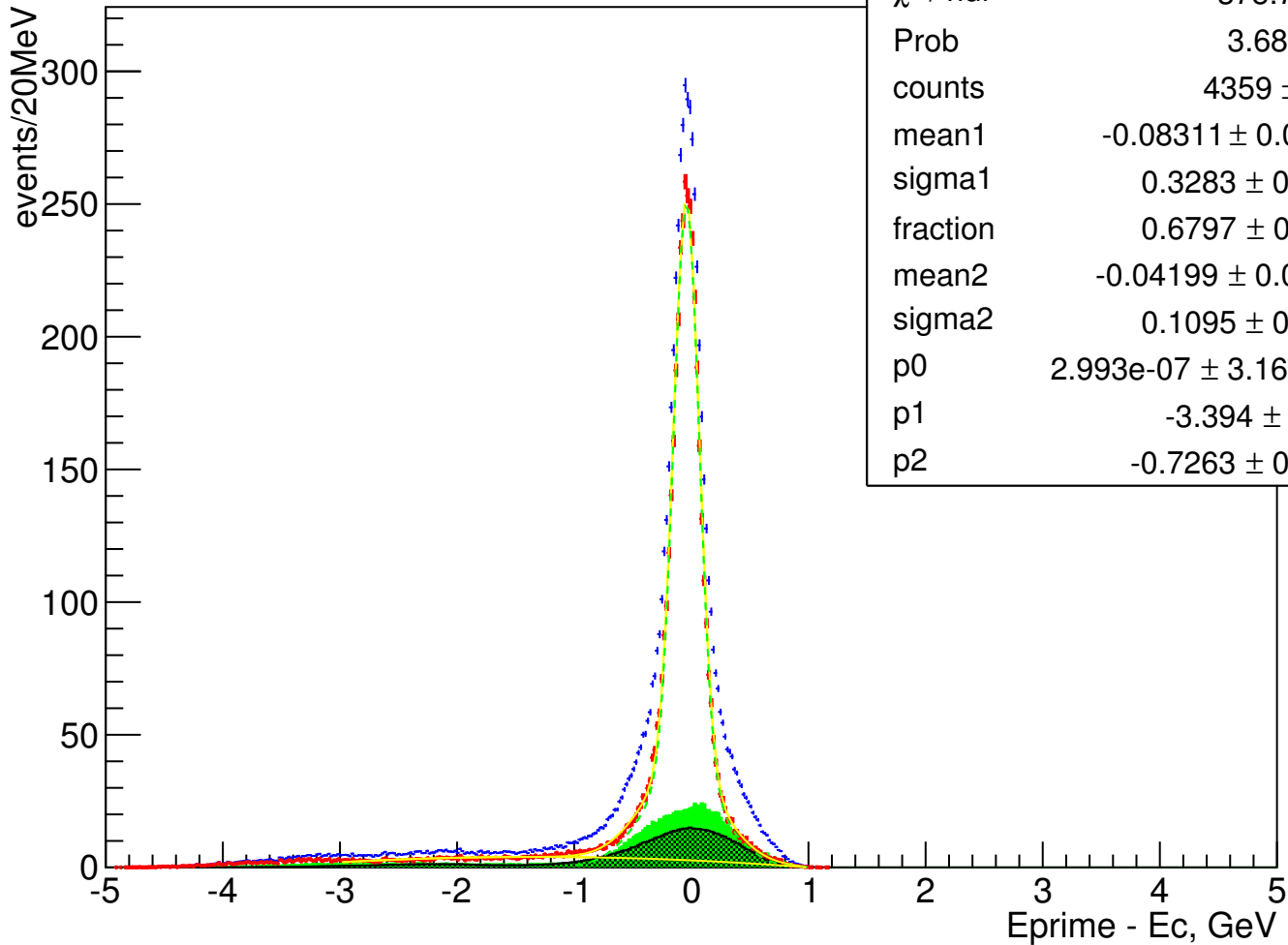
Eprime-Ec run 64737 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	430.1 / 191
Prob	1.811e-20
counts	4291 ± 76.5
mean1	-0.08855 ± 0.01307
sigma1	0.3222 ± 0.0227
fraction	0.684 ± 0.028
mean2	-0.04082 ± 0.00284
sigma2	0.1098 ± 0.0039
p0	0.1685 ± 0.3930
p1	-3.317 ± 0.401
p2	-0.7196 ± 0.1075
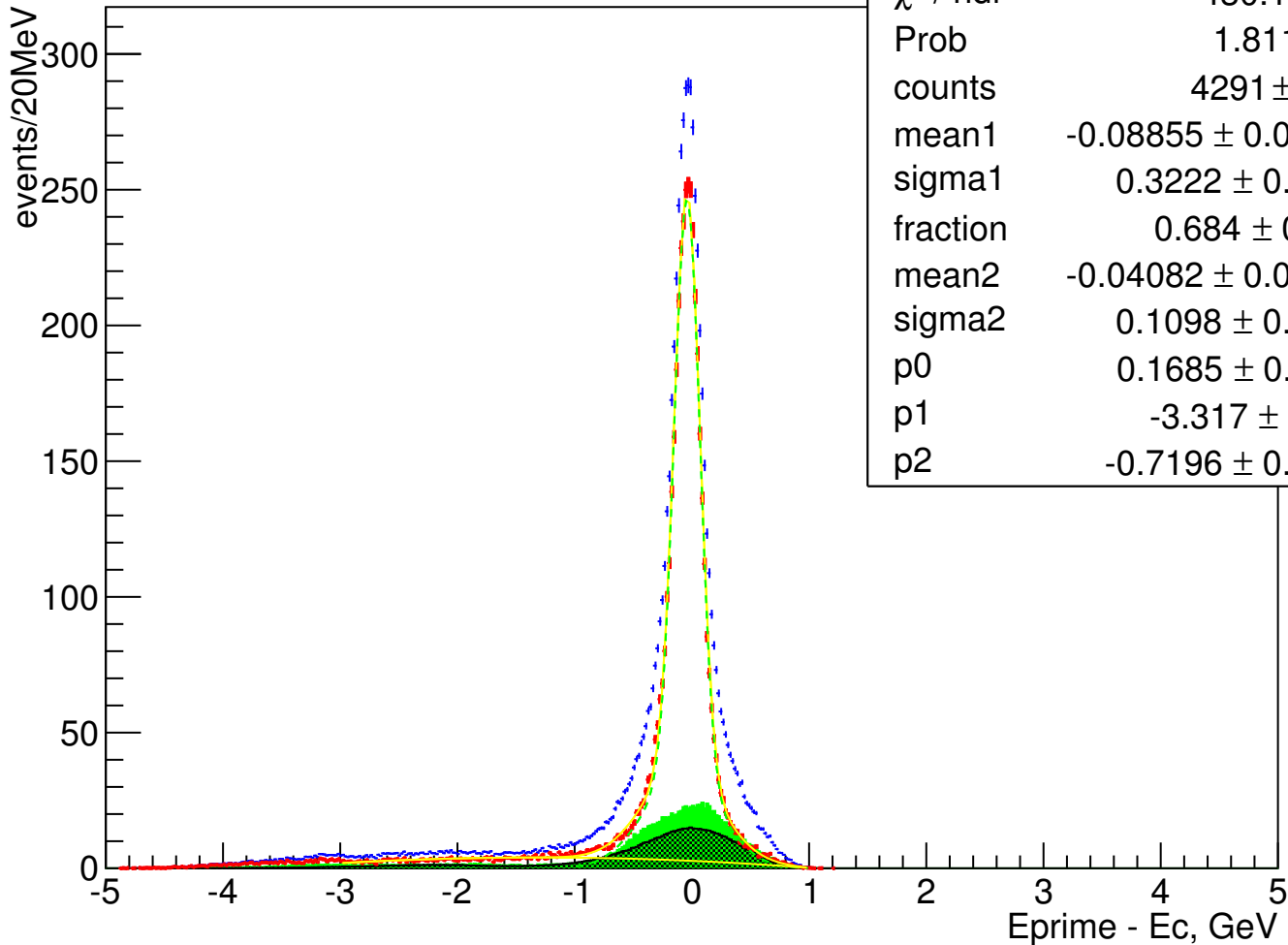
Eprime-Ec run 64738 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	490.7 / 191
Prob	2.877e-28
counts	4301 ± 71.5
mean1	-0.08697 ± 0.01269
sigma1	0.3251 ± 0.0166
fraction	0.6851 ± 0.0246
mean2	-0.04064 ± 0.00273
sigma2	0.1091 ± 0.0034
p0	$2.561\text{e-}07 \pm 5.214\text{e-}01$
p1	-3.352 ± 0.365
p2	-0.7091 ± 0.1077

events/20MeV
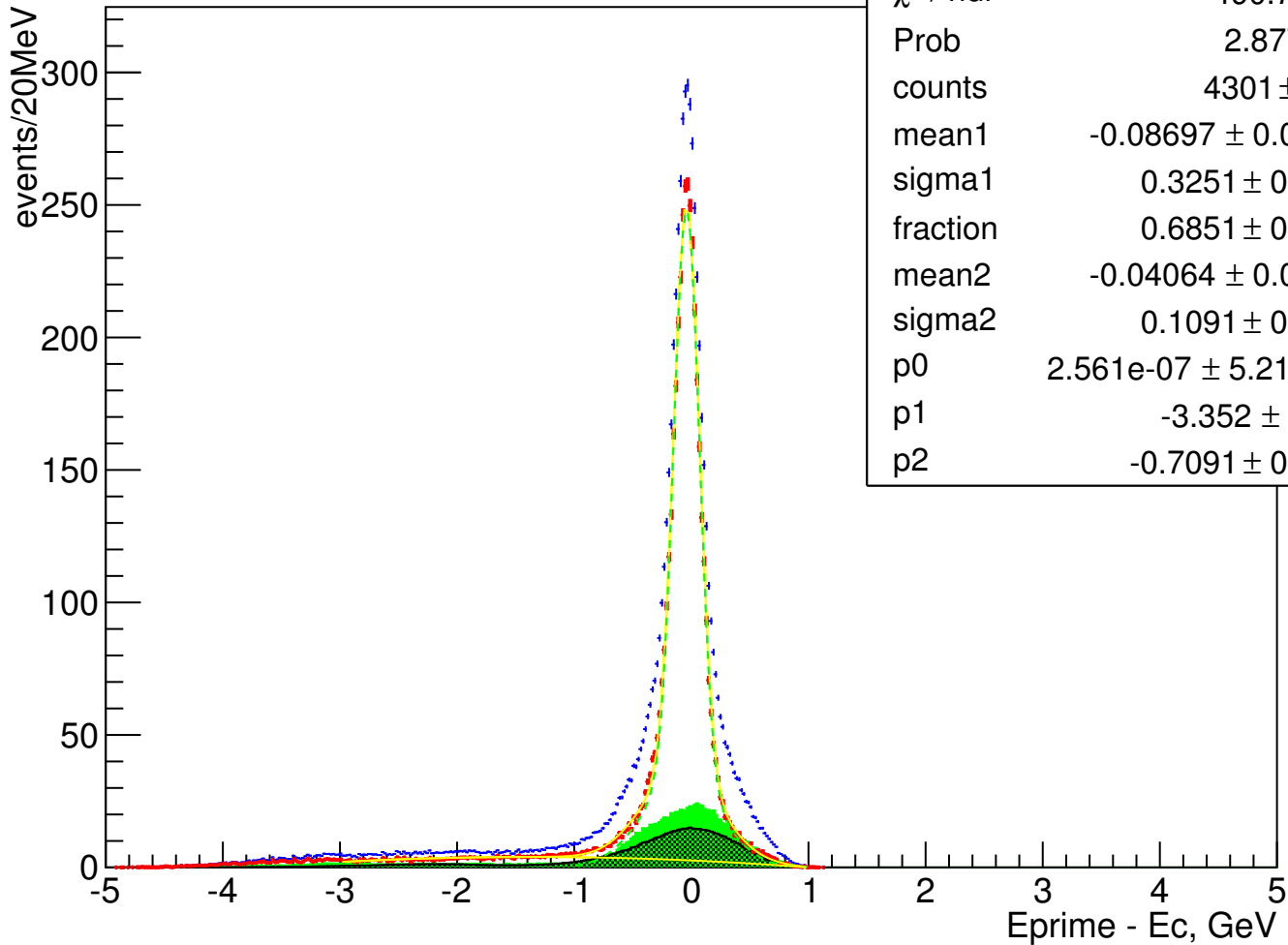
Eprime - Ec, GeV

Eprime-Ec run 64739 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	456.2 / 191
Prob	9.614e-24
counts	4310 ± 71.8
mean1	-0.08507 ± 0.01327
sigma1	0.3293 ± 0.0178
fraction	0.691 ± 0.025
mean2	-0.03921 ± 0.00275
sigma2	0.1106 ± 0.0034
p0	1.219e-05 ± 2.913e-02
p1	-3.393 ± 0.371
p2	-0.7264 ± 0.1091
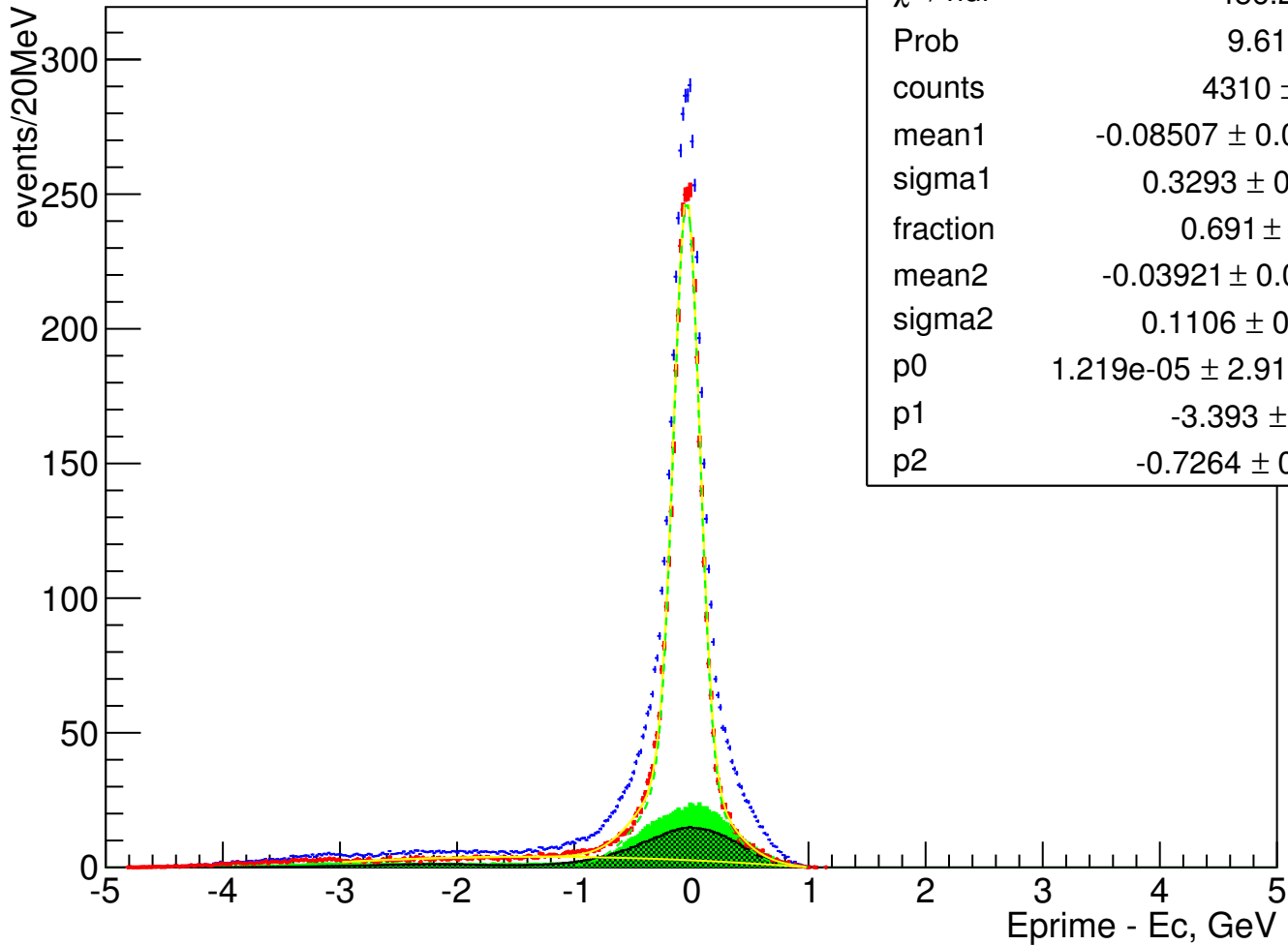
Eprime-Ec run 64740 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	537.6 / 191
Prob	1.014e-34
counts	4310 ± 72.0
mean1	-0.08464 ± 0.01319
sigma1	0.3287 ± 0.0179
fraction	0.6894 ± 0.0253
mean2	-0.03808 ± 0.00274
sigma2	0.11 ± 0.00
p0	3.241e-08 ± 6.895e+01
p1	-3.273 ± 0.370
p2	-0.6872 ± 0.1087
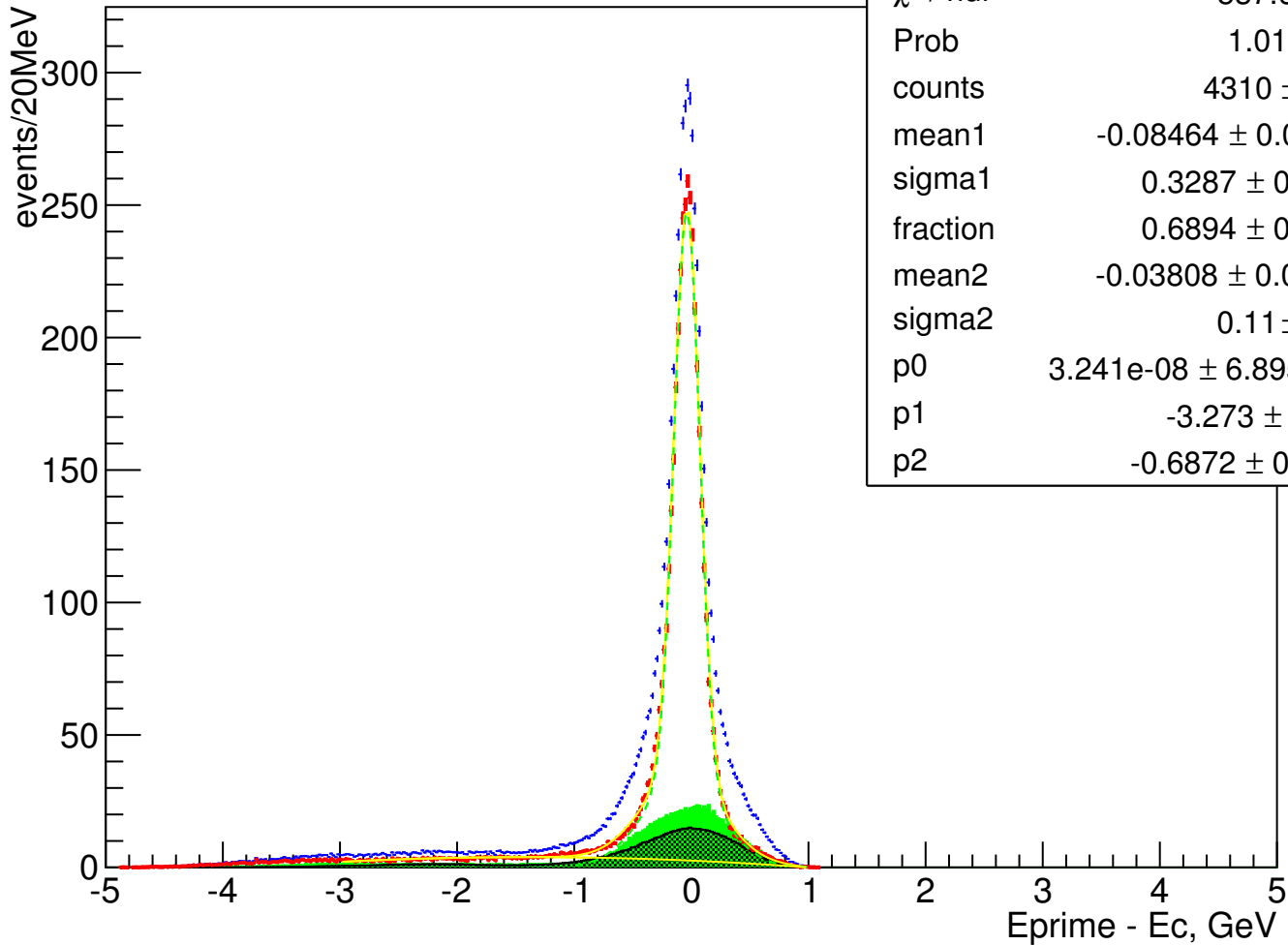
Eprime-Ec run 64741 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	502.6 / 191
Prob	7.135e-30
counts	4259 ± 71.6
mean1	-0.08488 ± 0.01318
sigma1	0.3281 ± 0.0176
fraction	0.6862 ± 0.0252
mean2	-0.0334 ± 0.0028
sigma2	0.1098 ± 0.0035
p0	1.779e-07 ± 2.165e+00
p1	-3.282 ± 0.371
p2	-0.6863 ± 0.1095

events/20MeV
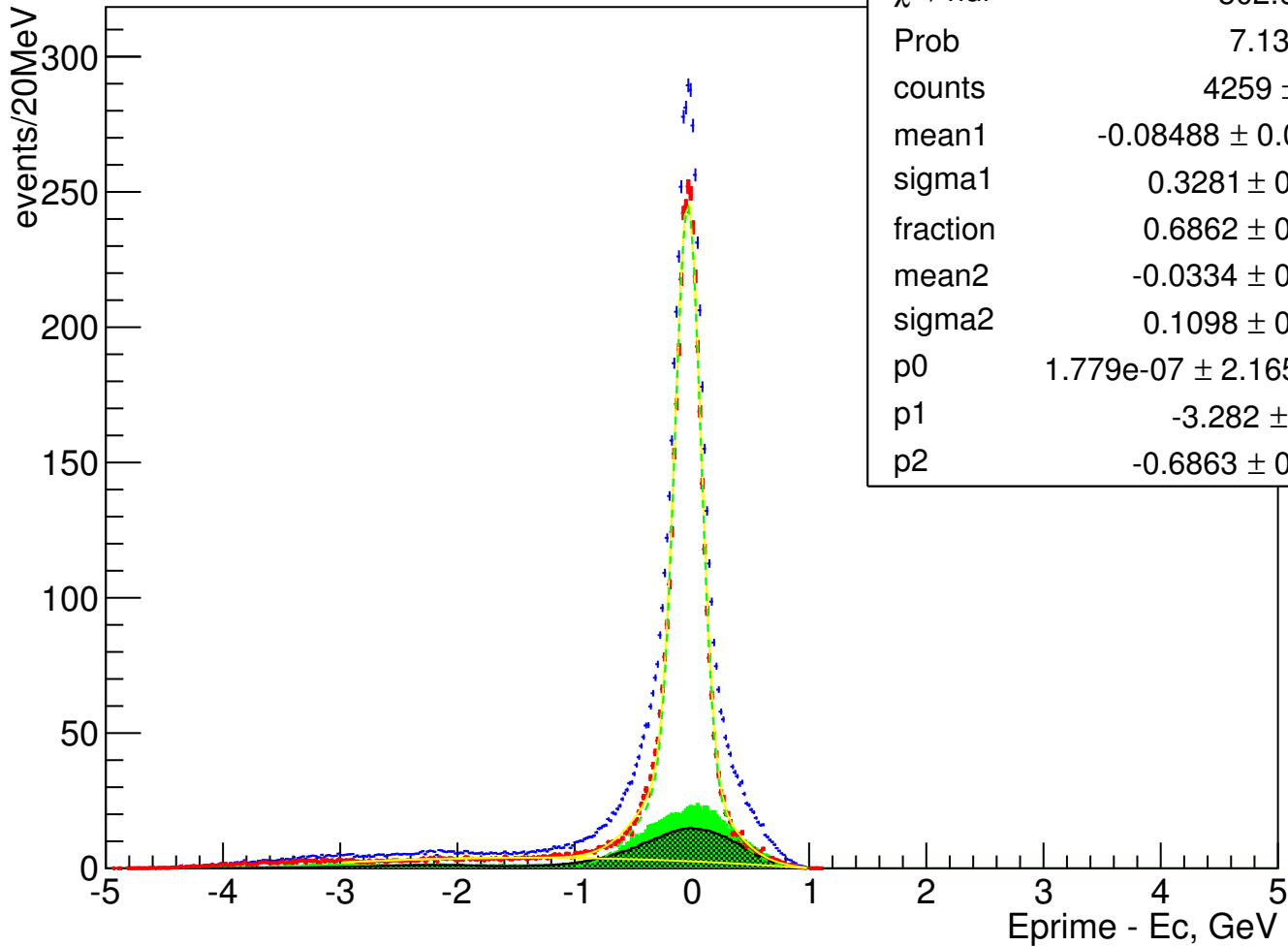
Eprime - Ec, GeV

Eprime-Ec run 64742 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	565.5 / 191
Prob	1.024e-38
counts	4224 ± 71.5
mean1	-0.07576 ± 0.01311
sigma1	0.32 ± 0.02
fraction	0.6811 ± 0.0265
mean2	-0.03065 ± 0.00280
sigma2	0.109 ± 0.004
p0	5.25e-09 ± 3.78e-02
p1	-3.401 ± 0.364
p2	-0.7231 ± 0.1072
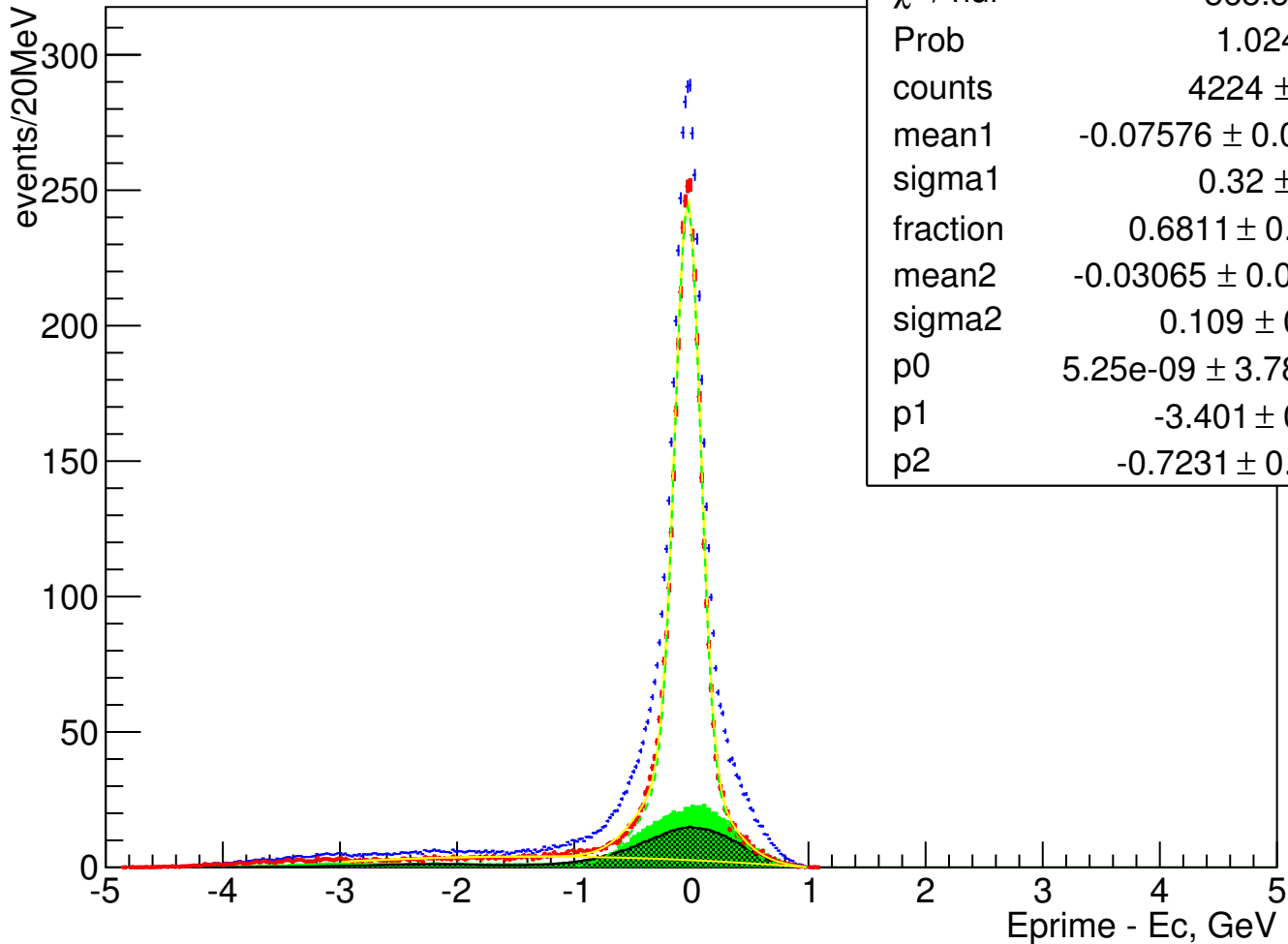
Eprime-Ec run 64743 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	607.1 / 191
Prob	7.006e-45
counts	4216 ± 71.1
mean1	-0.07678 ± 0.01319
sigma1	0.3194 ± 0.0174
fraction	0.6807 ± 0.0262
mean2	-0.03034 ± 0.00281
sigma2	0.1087 ± 0.0035
p0	1.404e-07 ± 4.101e-02
p1	-3.432 ± 0.367
p2	-0.7284 ± 0.1081
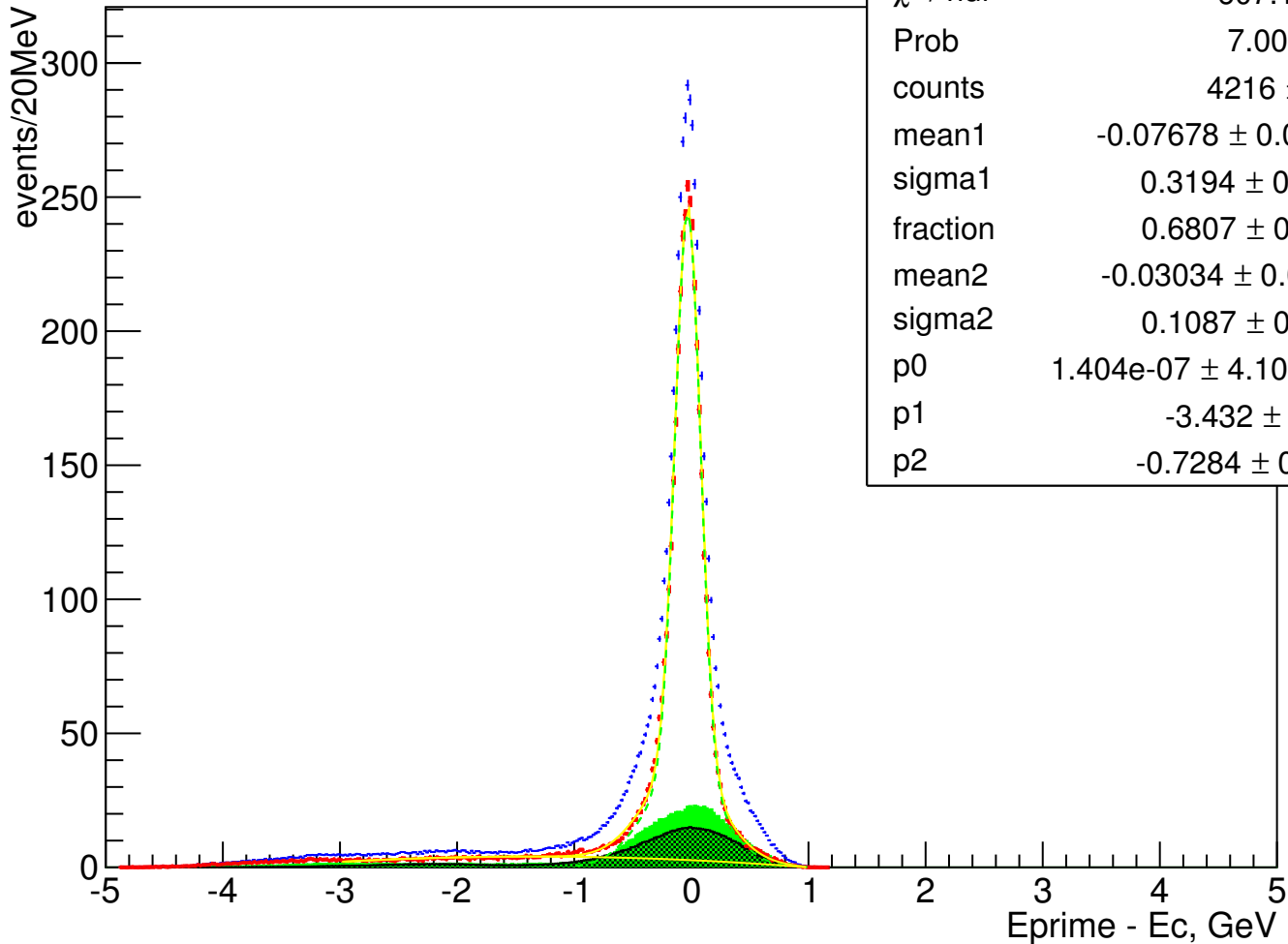
Eprime-Ec run 64751 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	334.1 / 191
Prob	6.964e-10
counts	4351 ± 75.6
mean1	-0.08682 ± 0.01234
sigma1	0.3192 ± 0.0204
fraction	0.6732 ± 0.0273
mean2	-0.04168 ± 0.00282
sigma2	0.1087 ± 0.0037
p0	0.2067 ± 0.3575
p1	-3.118 ± 0.414
p2	-0.6496 ± 0.1124
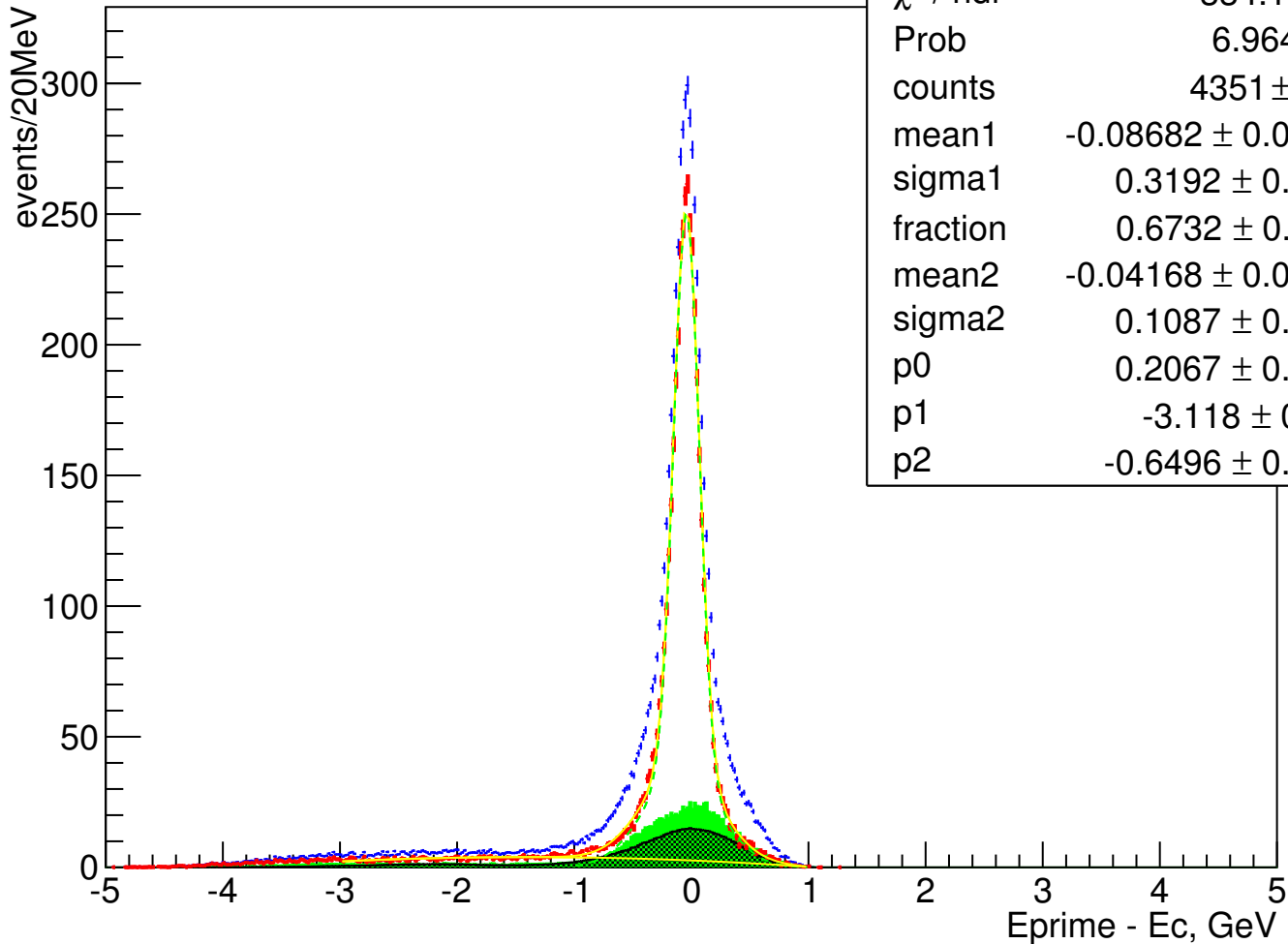
Eprime-Ec run 64756 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	326.6 / 191
Prob	3.515e-09
counts	4343 ± 72.1
mean1	-0.08822 ± 0.01284
sigma1	0.3267 ± 0.0170
fraction	0.6764 ± 0.0256
mean2	-0.0394 ± 0.0028
sigma2	0.1102 ± 0.0036
p0	1.449e-09 ± 2.222e+00
p1	-3.301 ± 0.367
p2	-0.7055 ± 0.1080
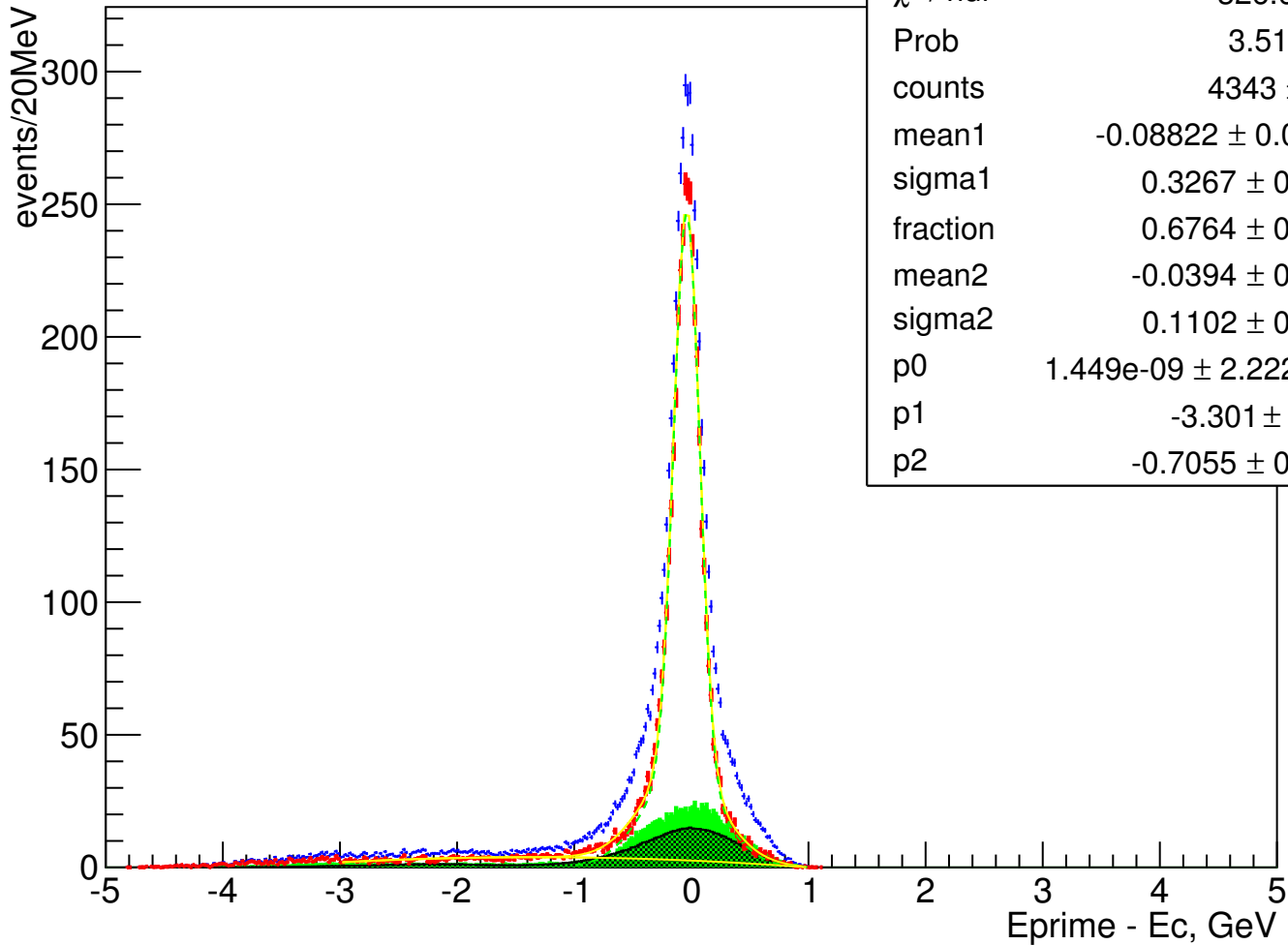
Eprime-Ec run 64757 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	460.7 / 191
Prob	2.536e-24
counts	4295 ± 71.9
mean1	-0.08592 ± 0.01283
sigma1	0.3205 ± 0.0175
fraction	0.6779 ± 0.0263
mean2	-0.03715 ± 0.00277
sigma2	0.1087 ± 0.0036
p0	1.802e-08 ± 2.671e-02
p1	-3.344 ± 0.371
p2	-0.7102 ± 0.1091
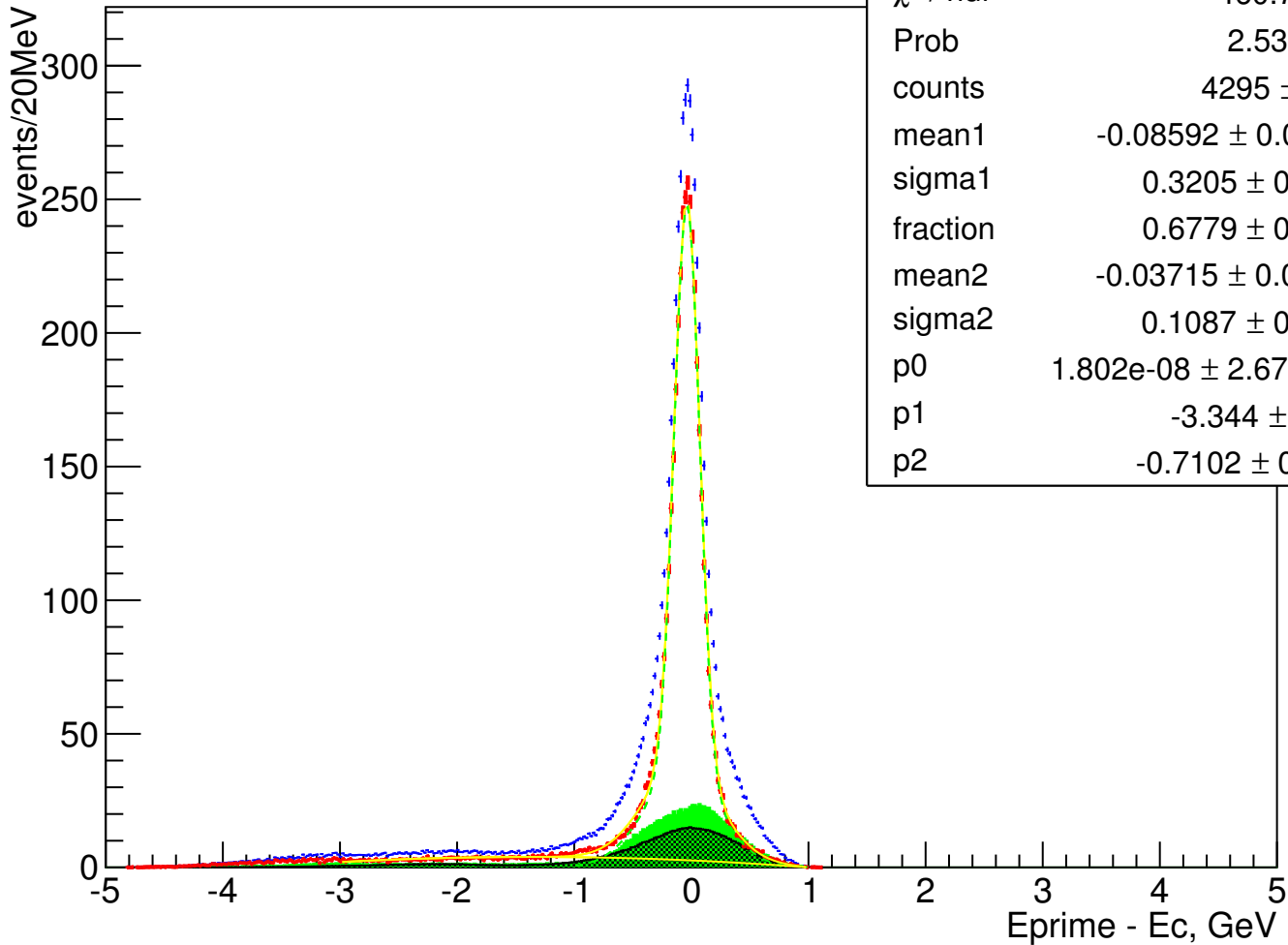
Eprime-Ec run 64758 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	330.2 / 191
Prob	1.621e-09
counts	4290 ± 75.8
mean1	-0.09224 ± 0.01293
sigma1	0.321 ± 0.021
fraction	0.6734 ± 0.0270
mean2	-0.0363 ± 0.0029
sigma2	0.109 ± 0.004
p0	0.1546 ± 0.3674
p1	-3.294 ± 0.418
p2	-0.7005 ± 0.1123
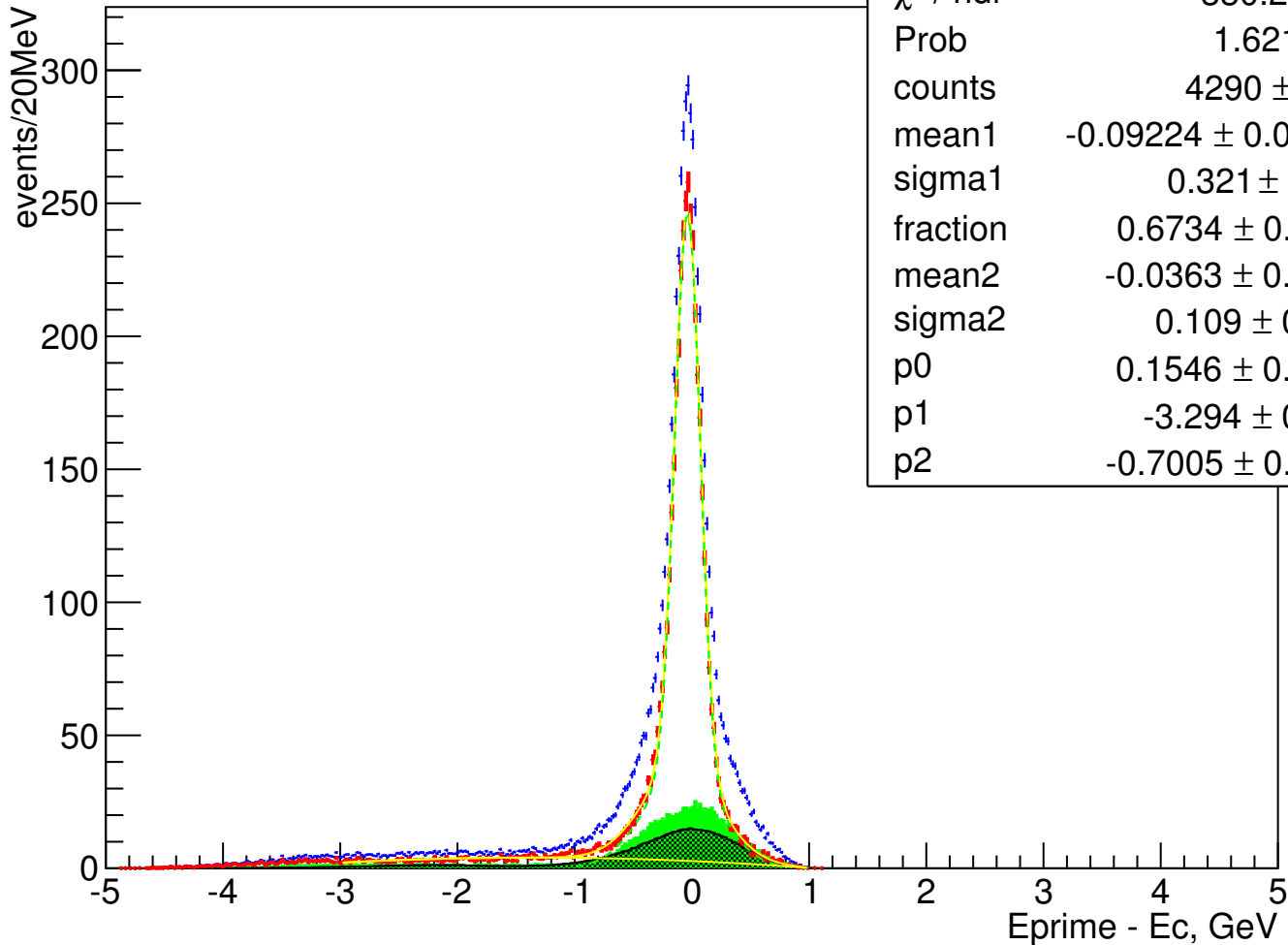
Eprime-Ec run 64759 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	453.8 / 191
Prob	1.973e-23
counts	4338 ± 72.3
mean1	-0.08708 ± 0.01287
sigma1	0.3224 ± 0.0176
fraction	0.6794 ± 0.0263
mean2	-0.03932 ± 0.00278
sigma2	0.1098 ± 0.0036
p0	8.152e-07 ± 3.129e-02
p1	-3.407 ± 0.375
p2	-0.7252 ± 0.1103
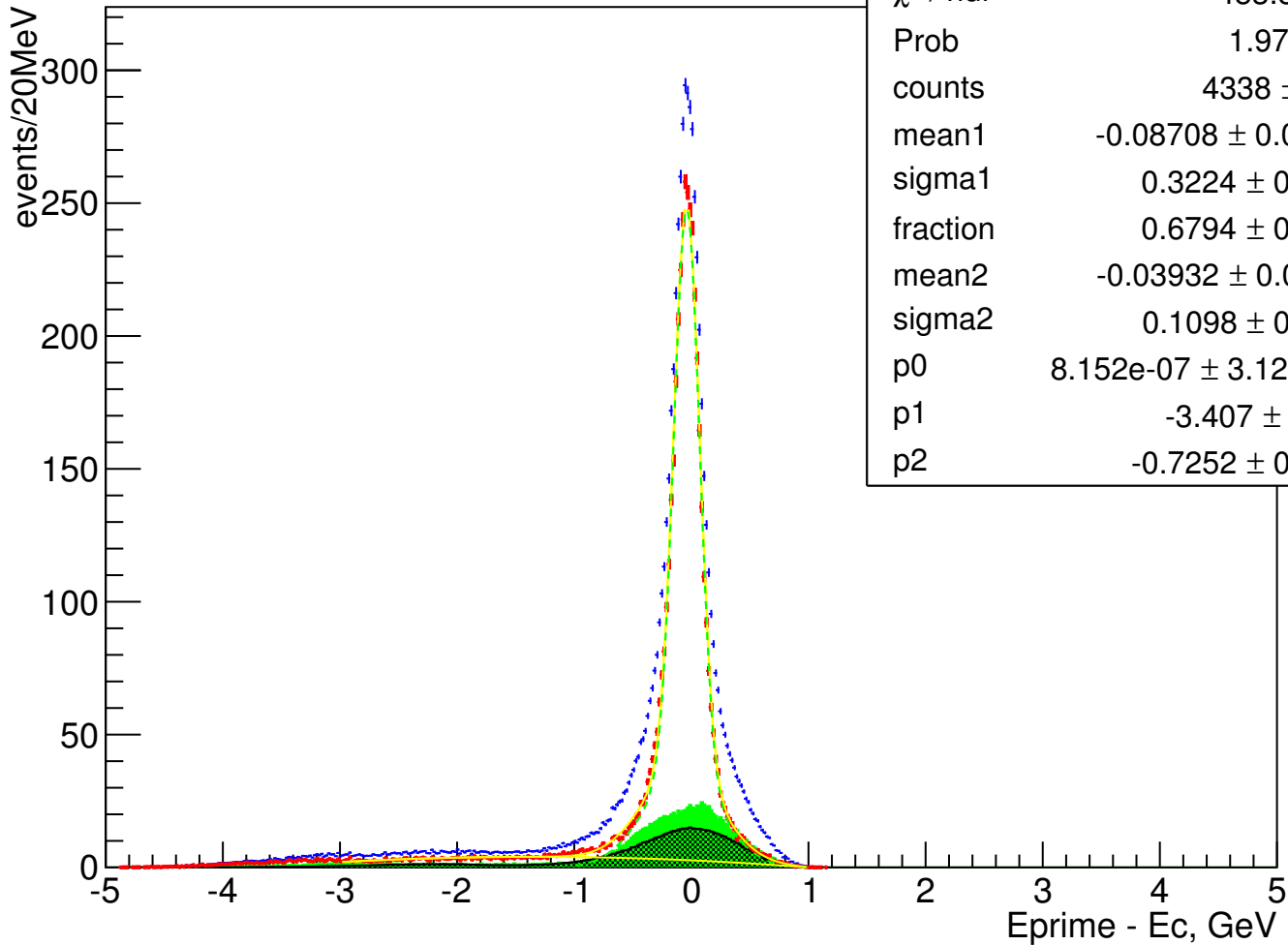
Eprime-Ec run 64760 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	370.1 / 191
Prob	1.479e-13
counts	4301 ± 71.5
mean1	-0.08699 ± 0.01287
sigma1	0.323 ± 0.017
fraction	0.6872 ± 0.0255
mean2	-0.03653 ± 0.00278
sigma2	0.1105 ± 0.0035
p0	$2.476\text{e-}06 \pm 3.019\text{e-}02$
p1	-3.329 ± 0.369
p2	-0.6976 ± 0.1090

events/20MeV
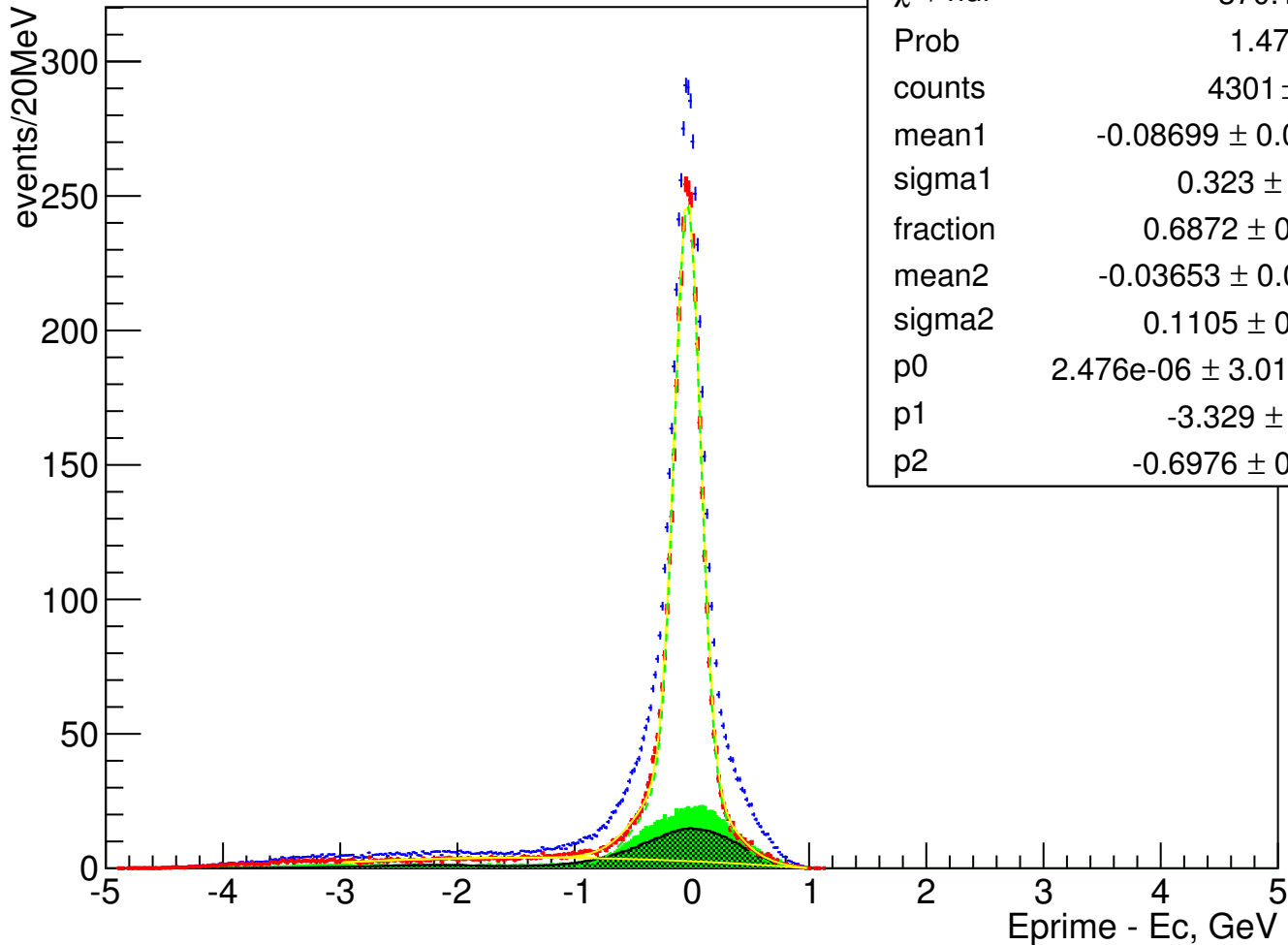
Eprime - Ec, GeV

Eprime-Ec run 64761 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters
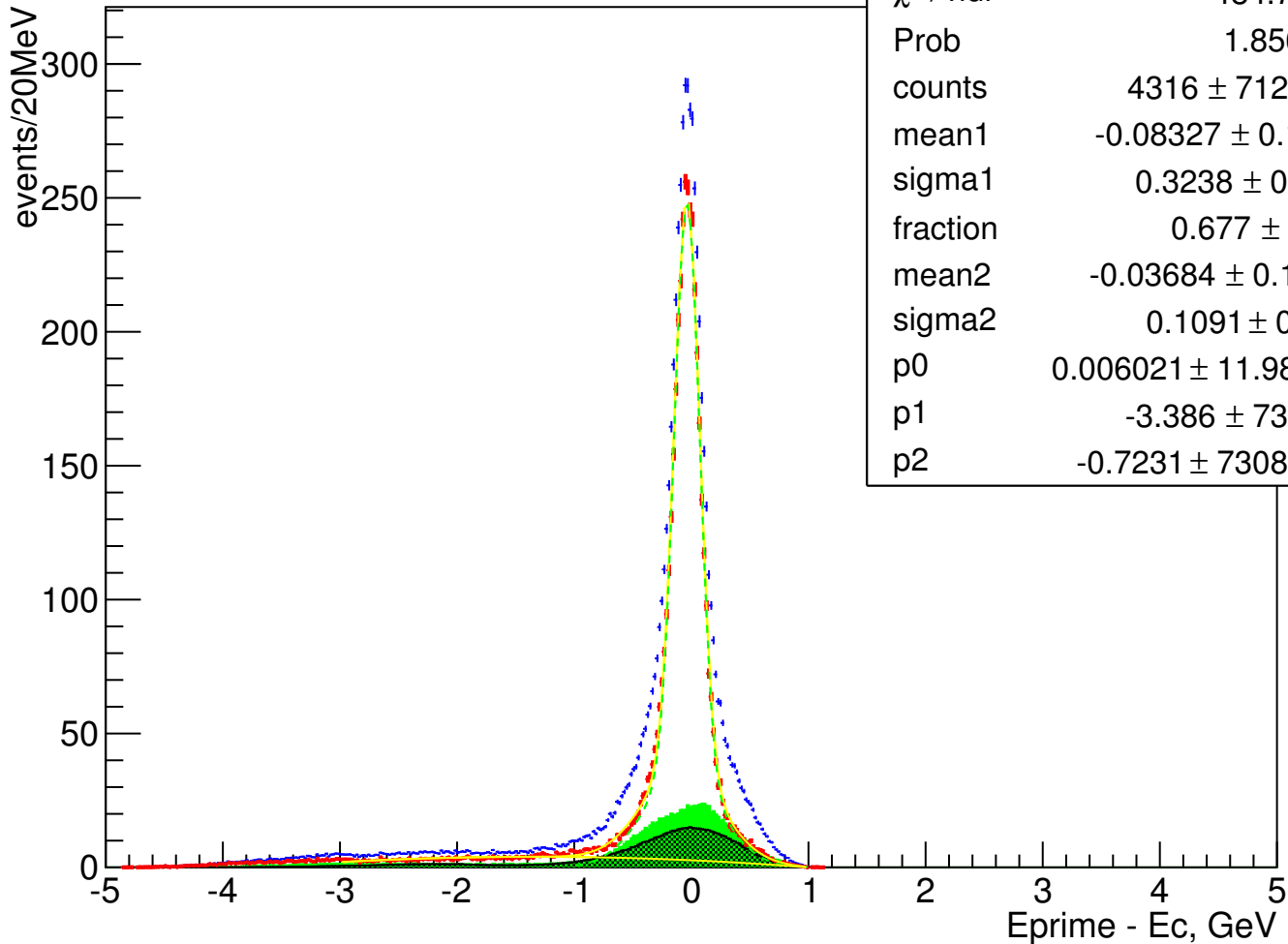
χ² / ndf	484.7 / 191
Prob	1.856e-27
counts	4316 ± 712838.3
mean1	-0.08327 ± 0.13321
sigma1	0.3238 ± 0.1133
fraction	0.677 ± 0.342
mean2	-0.03684 ± 0.14368
sigma2	0.1091 ± 0.1231
p0	0.006021 ± 11.986338
p1	-3.386 ± 730.812
p2	-0.7231 ± 7308.1626

events/20MeV

Eprime - Ec, GeV

Eprime-Ec run 64762 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	372.1 / 191
Prob	9.189e-14
counts	4285 ± 73.9
mean1	-0.08093 ± 0.01250
sigma1	0.3164 ± 0.0197
fraction	0.6784 ± 0.0274
mean2	-0.03386 ± 0.00284
sigma2	0.1096 ± 0.0037
p0	0.09636 ± 0.30488
p1	-3.319 ± 0.396
p2	-0.7109 ± 0.1089
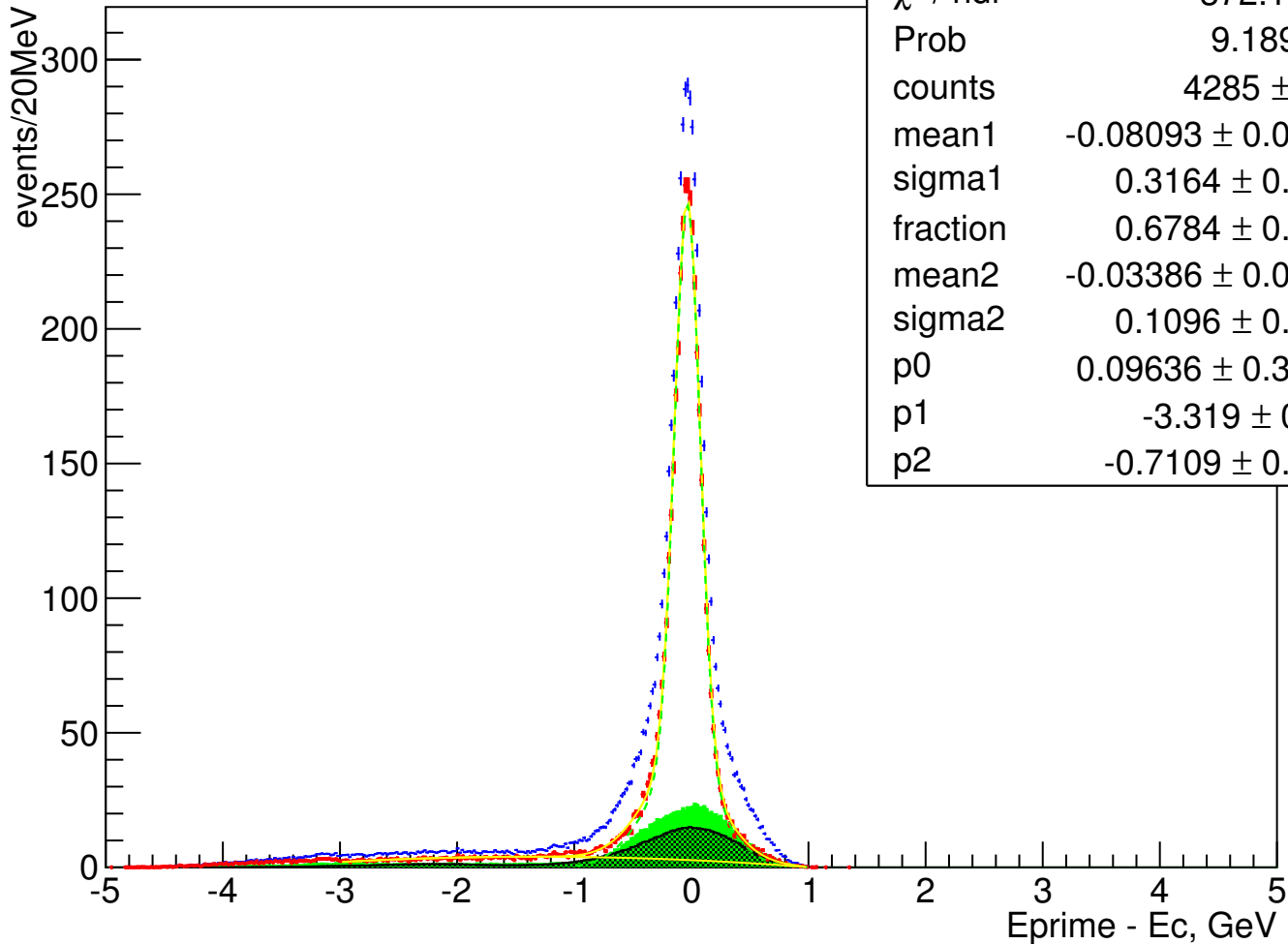
Eprime-Ec run 64763 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	439.9 / 191
Prob	1.107e-21
counts	4256 ± 71.4
mean1	-0.08246 ± 0.01329
sigma1	0.3245 ± 0.0179
fraction	0.6835 ± 0.0263
mean2	-0.03342 ± 0.00278
sigma2	0.1096 ± 0.0036
p0	8.284e-07 ± 2.718e-02
p1	-3.359 ± 0.360
p2	-0.7183 ± 0.1053
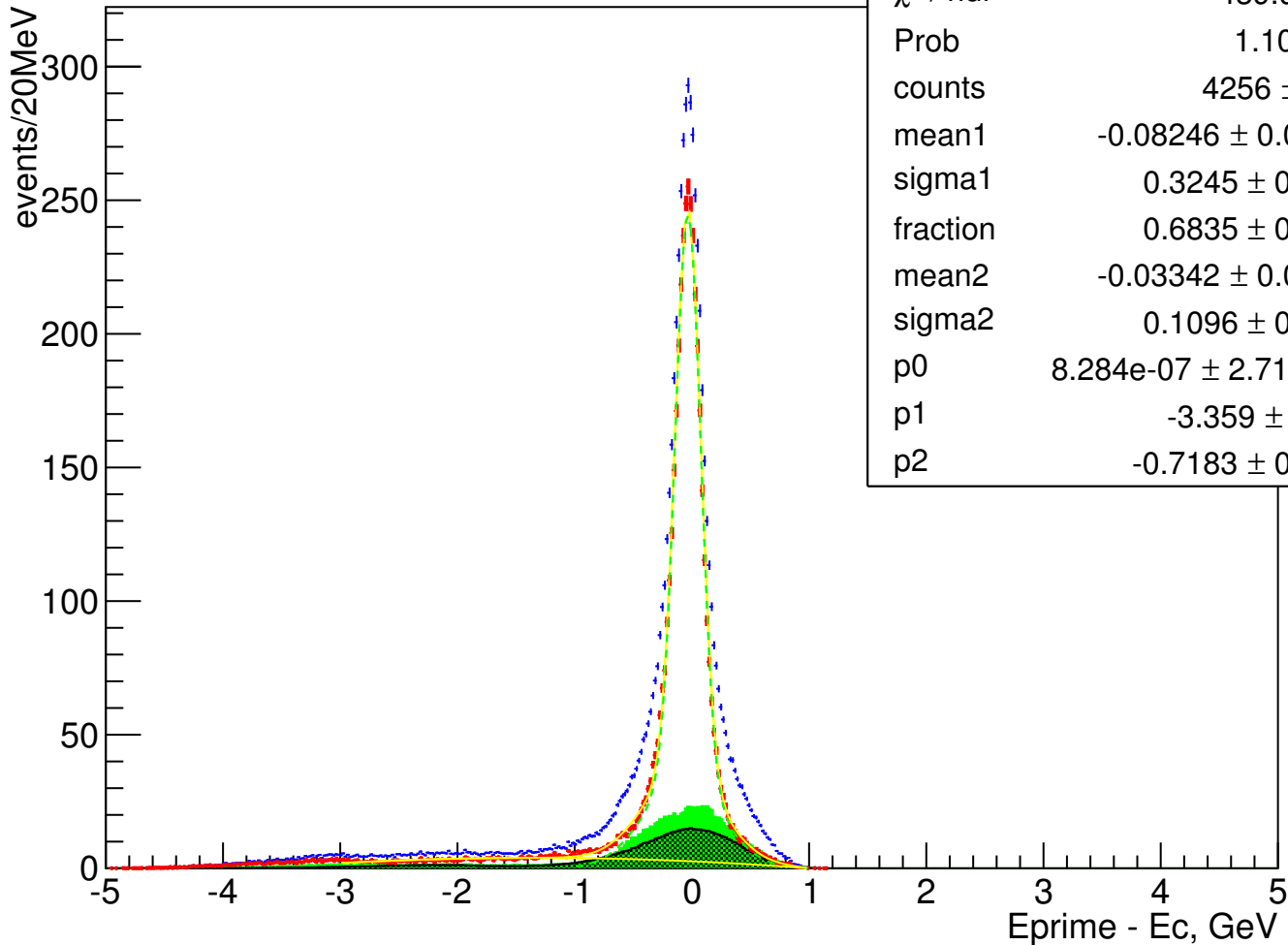
Eprime-Ec run 64764 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	362.6 / 191
Prob	9.433e-13
counts	4267 ± 77.2
mean1	-0.08463 ± 0.01320
sigma1	0.3176 ± 0.0241
fraction	0.6853 ± 0.0292
mean2	-0.03431 ± 0.00290
sigma2	0.1099 ± 0.0039
p0	0.3363 ± 0.4433
p1	-3.335 ± 0.431
p2	-0.7354 ± 0.1110
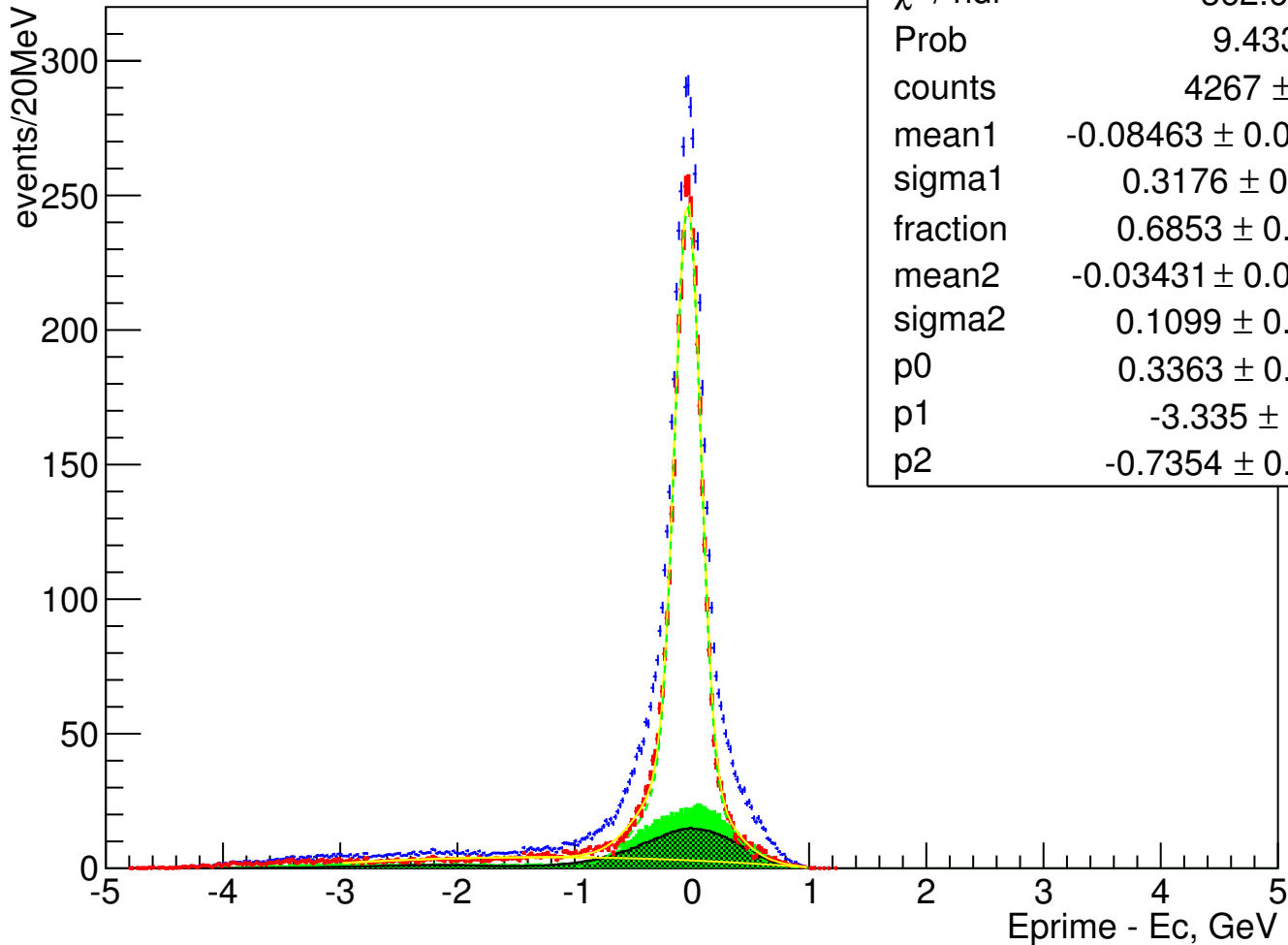
Eprime-Ec run 64767 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	412.9 / 191
Prob	2.145e-18
counts	4301 ± 72.1
mean1	-0.08889 ± 0.01354
sigma1	0.3328 ± 0.0175
fraction	0.6867 ± 0.0241
mean2	-0.03625 ± 0.00274
sigma2	0.11 ± 0.00
p0	2.475e-07 ± 3.778e-01
p1	-3.322 ± 0.372
p2	-0.7016 ± 0.1094

events/20MeV
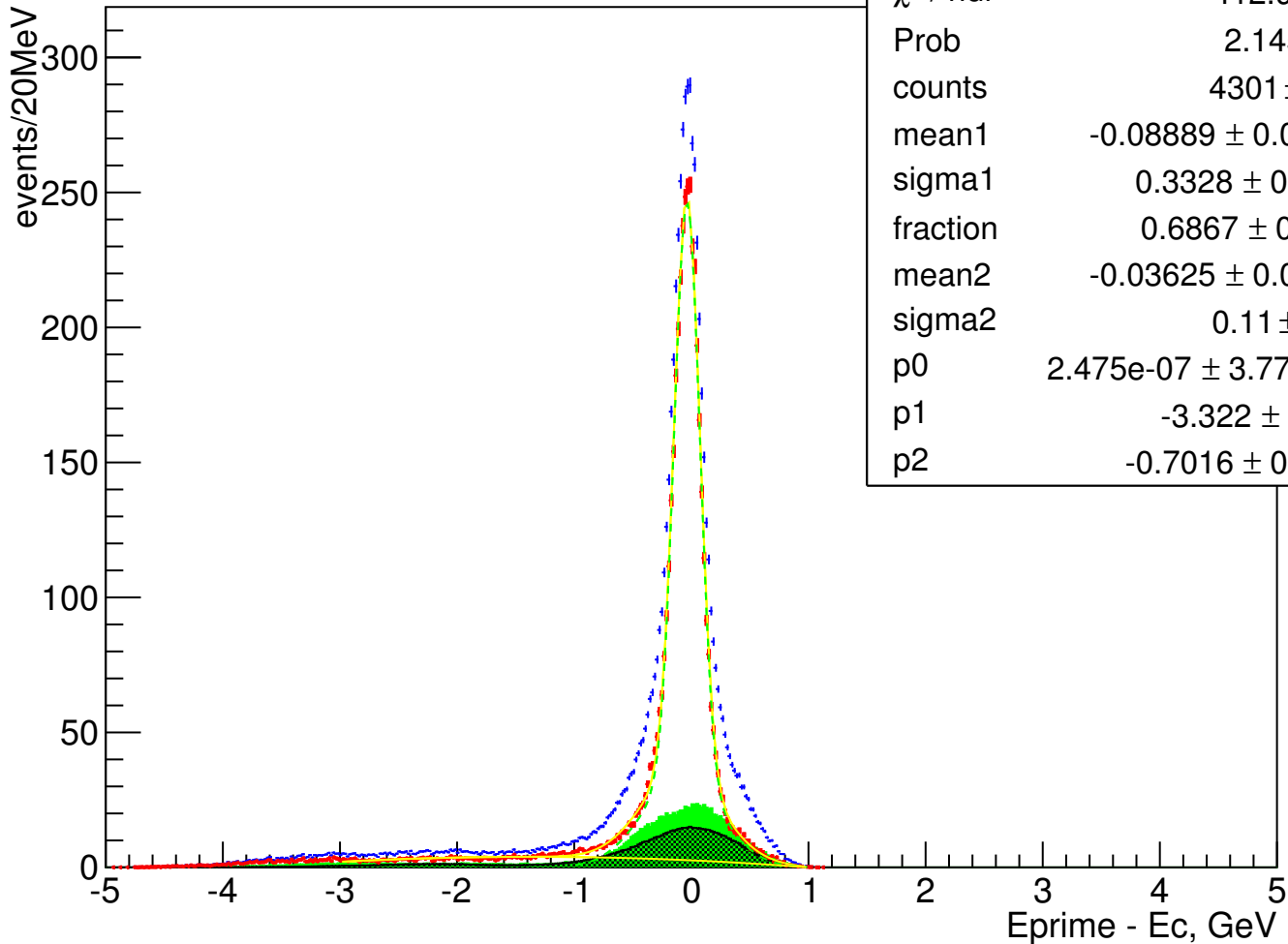
Eprime - Ec, GeV

Eprime-Ec run 64768 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	366.4 / 191
Prob	3.716e-13
counts	4343 ± 71.9
mean1	-0.08206 ± 0.01281
sigma1	0.3261 ± 0.0172
fraction	0.6817 ± 0.0259
mean2	-0.03754 ± 0.00280
sigma2	0.1112 ± 0.0036
p0	2.578e-06 ± 4.281e-02
p1	-3.384 ± 0.367
p2	-0.7125 ± 0.1082
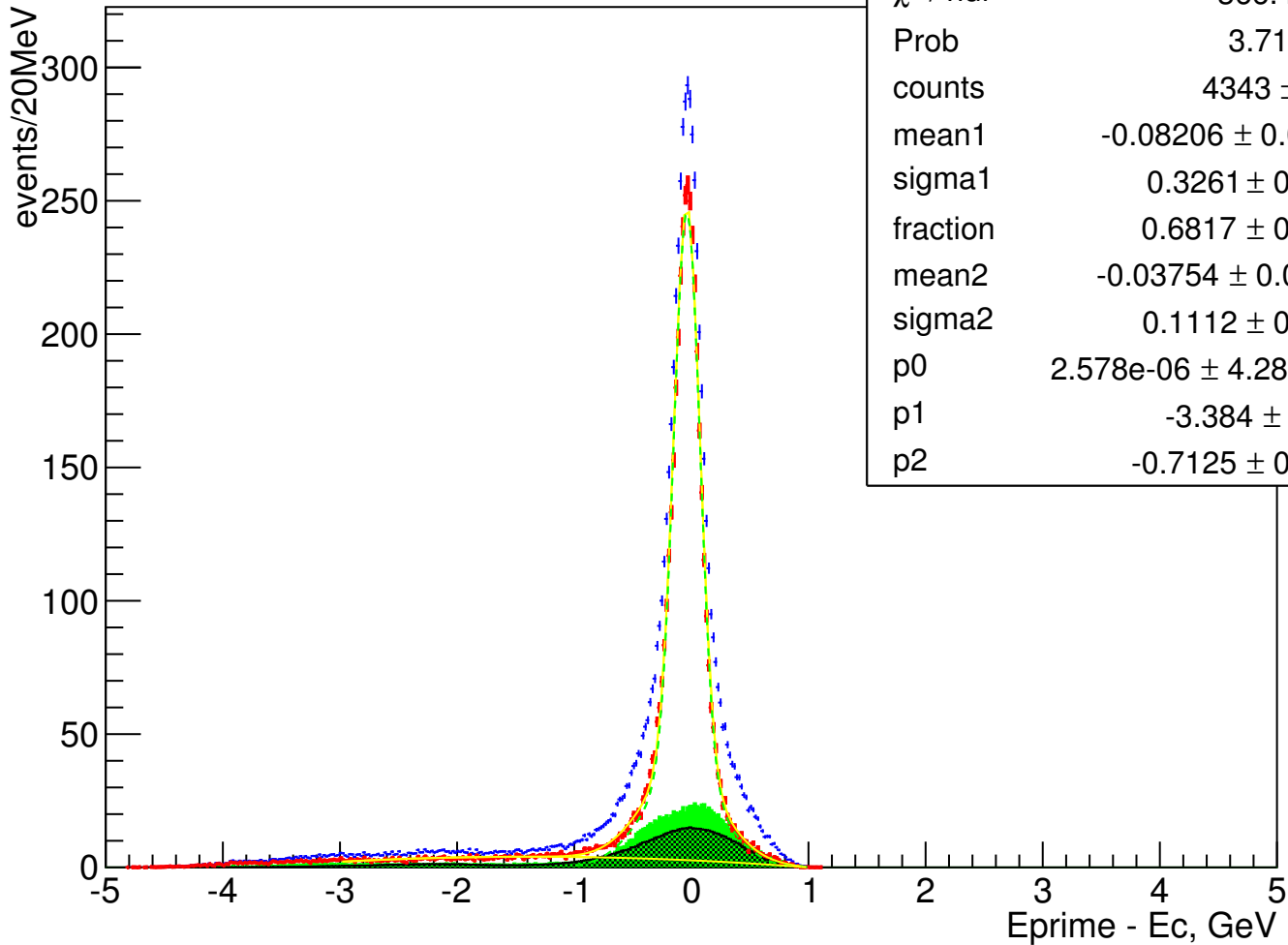
Eprime-Ec run 64769 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	438.5 / 191
Prob	1.654e-21
counts	4279 ± 71.8
mean1	-0.08444 ± 0.01365
sigma1	0.331 ± 0.018
fraction	0.694 ± 0.025
mean2	-0.03632 ± 0.00279
sigma2	0.1119 ± 0.0035
p0	1.231e-06 ± 3.286e-02
p1	-3.347 ± 0.369
p2	-0.71 ± 0.11
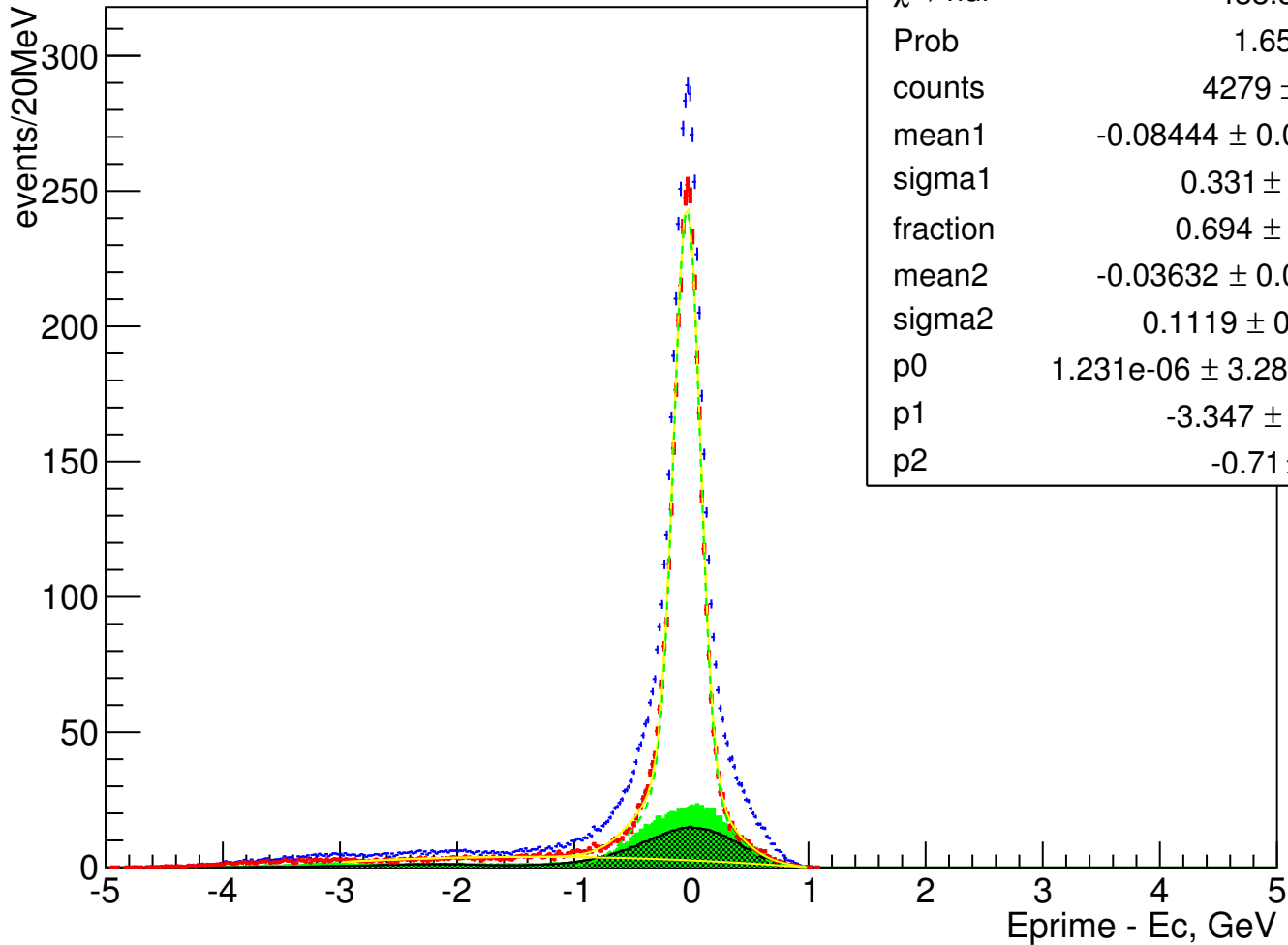
Eprime-Ec run 64770 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	456.5 / 191
Prob	8.802e-24
counts	4310 ± 72.0
mean1	-0.08275 ± 0.01337
sigma1	0.3263 ± 0.0183
fraction	0.692 ± 0.025
mean2	-0.0358 ± 0.0028
sigma2	0.1105 ± 0.0035
p0	$1.439\text{e-}05 \pm 3.287\text{e-}02$
p1	-3.452 ± 0.372
p2	-0.7347 ± 0.1093
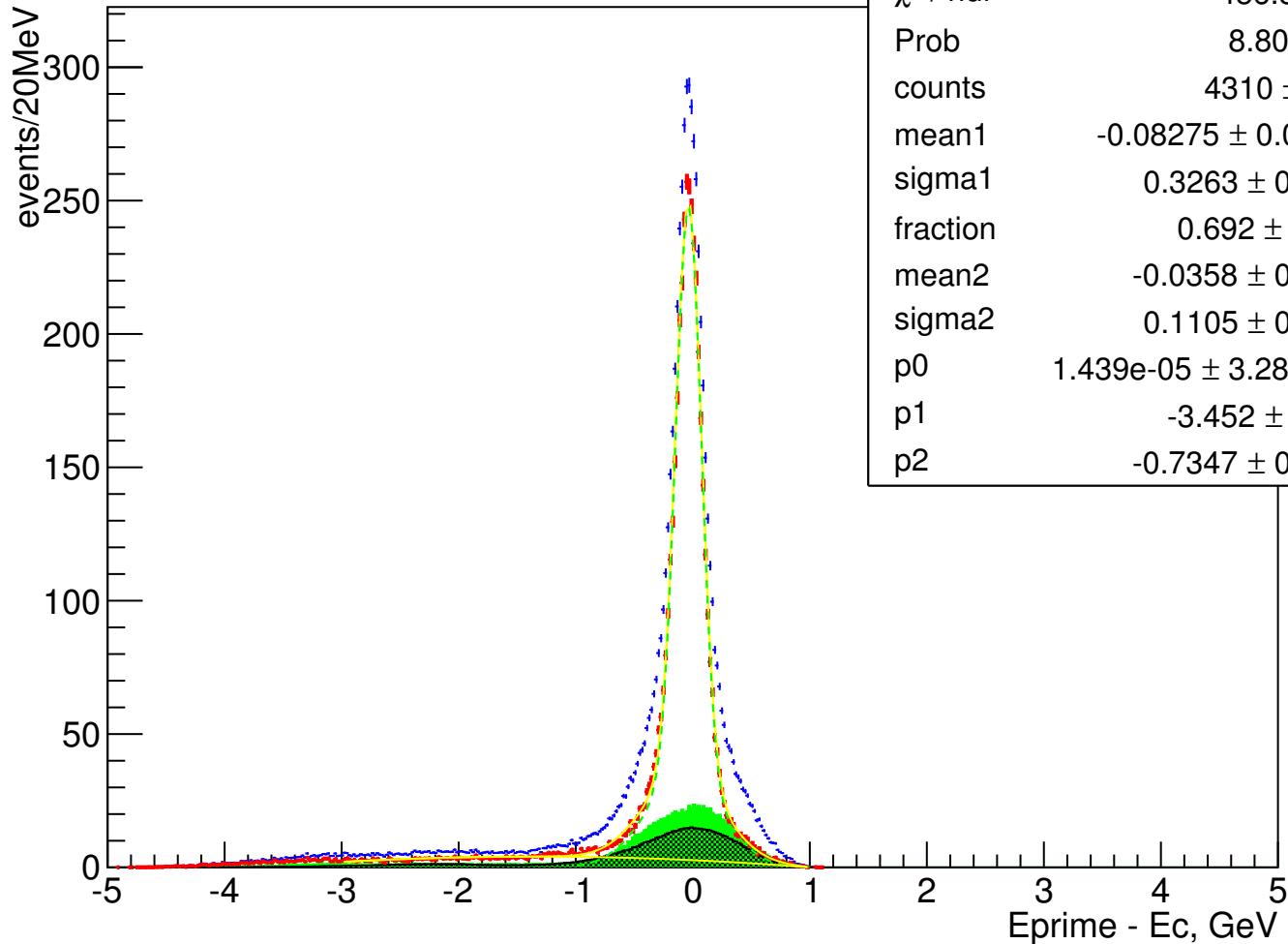
Eprime-Ec run 64771 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	397.3 / 191
Prob	1.402e-16
counts	4304 ± 71.4
mean1	-0.08685 ± 0.01268
sigma1	0.3146 ± 0.0169
fraction	0.676 ± 0.027
mean2	-0.03482 ± 0.00281
sigma2	0.1094 ± 0.0036
p0	5.924e-06 ± 2.801e-02
p1	-3.511 ± 0.364
p2	-0.7576 ± 0.1070
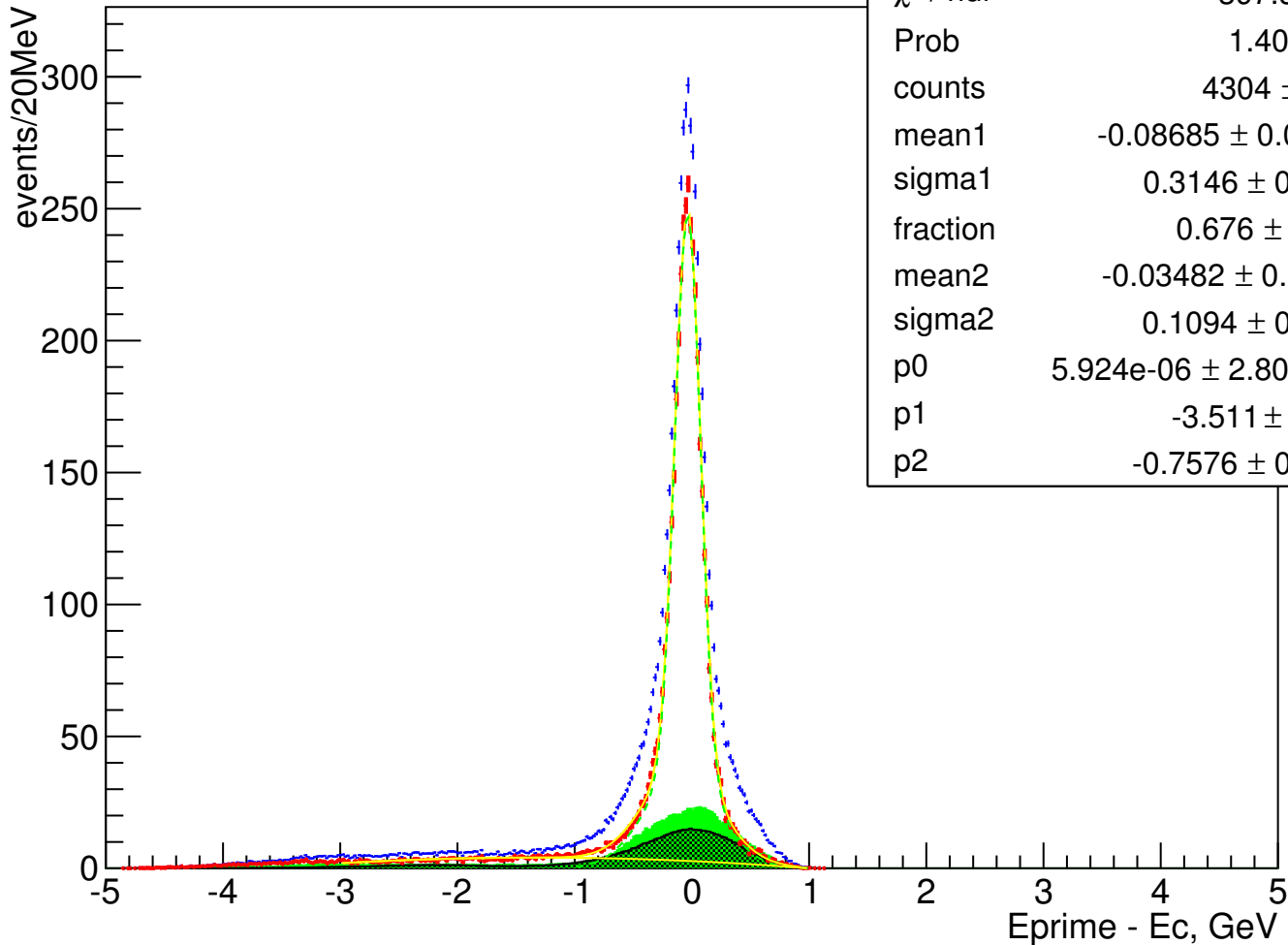
Eprime-Ec run 64772 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters
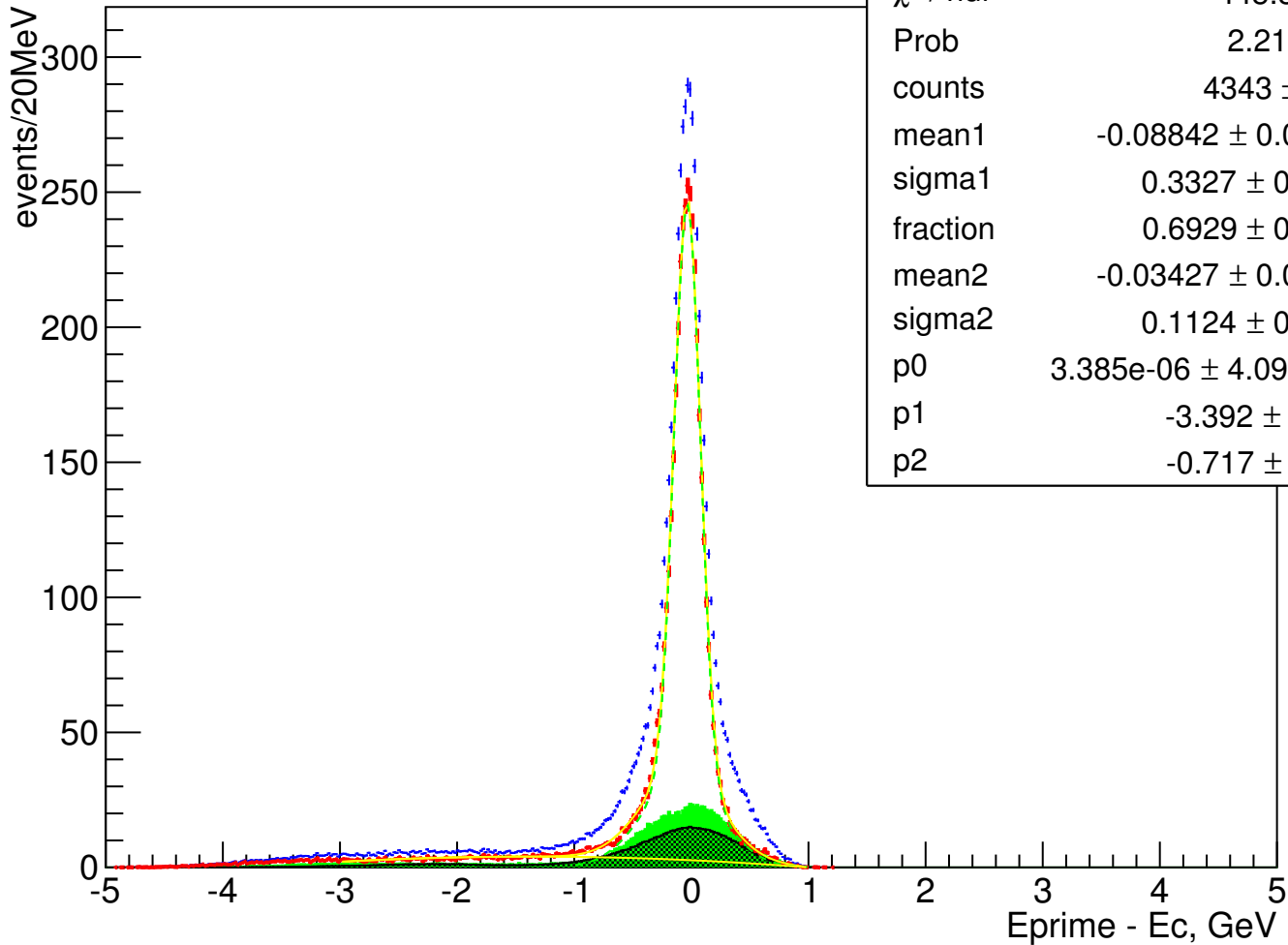
χ^2 / ndf	445.5 / 191
Prob	2.211e-22
counts	4343 ± 72.3
mean1	-0.08842 ± 0.01373
sigma1	0.3327 ± 0.0179
fraction	0.6929 ± 0.0249
mean2	-0.03427 ± 0.00279
sigma2	0.1124 ± 0.0035
p0	3.385e-06 ± 4.095e-02
p1	-3.392 ± 0.374
p2	-0.717 ± 0.110

events/20MeV

Eprime - Ec, GeV

Eprime-Ec run 64773 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	468.5 / 191
Prob	2.482e-25
counts	4284 $\pm$ 71.7
mean1	-0.0868 $\pm$ 0.0133
sigma1	0.3265 $\pm$ 0.0176
fraction	0.681 $\pm$ 0.026
mean2	-0.0333 $\pm$ 0.0029
sigma2	0.1121 $\pm$ 0.0037
p0	5.701e-12 $\pm$ 3.717e-01
p1	-3.23 $\pm$ 0.37
p2	-0.6753 $\pm$ 0.1092
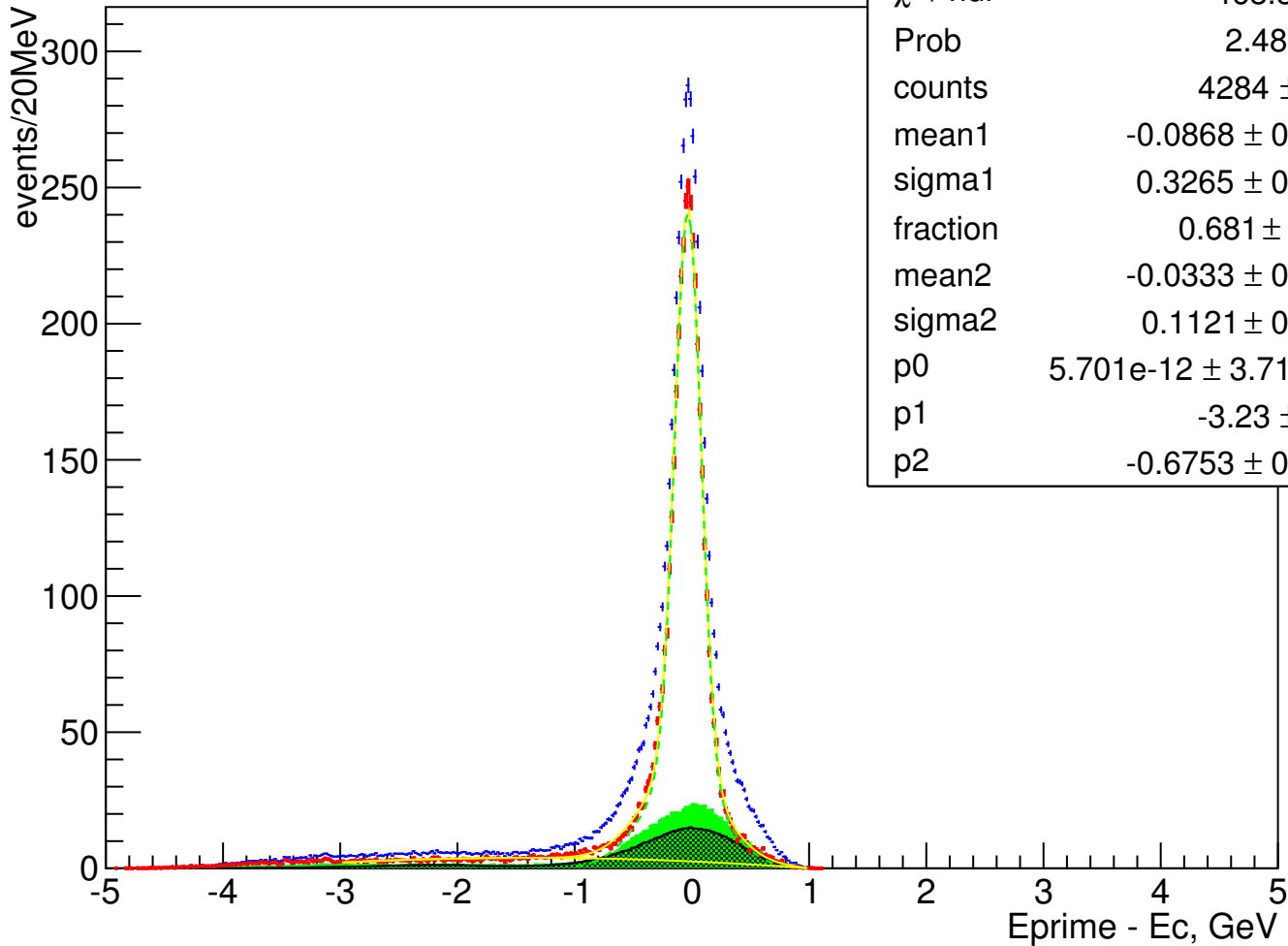
Eprime-Ec run 64779 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	395.6 / 191
Prob	2.216e-16
counts	4314 ± 77.3
mean1	-0.08634 ± 0.01371
sigma1	0.3304 ± 0.0241
fraction	0.6975 ± 0.0270
mean2	-0.03618 ± 0.00287
sigma2	0.1126 ± 0.0038
p0	0.05847 ± 0.70335
p1	-3.346 ± 0.421
p2	-0.7098 ± 0.1123
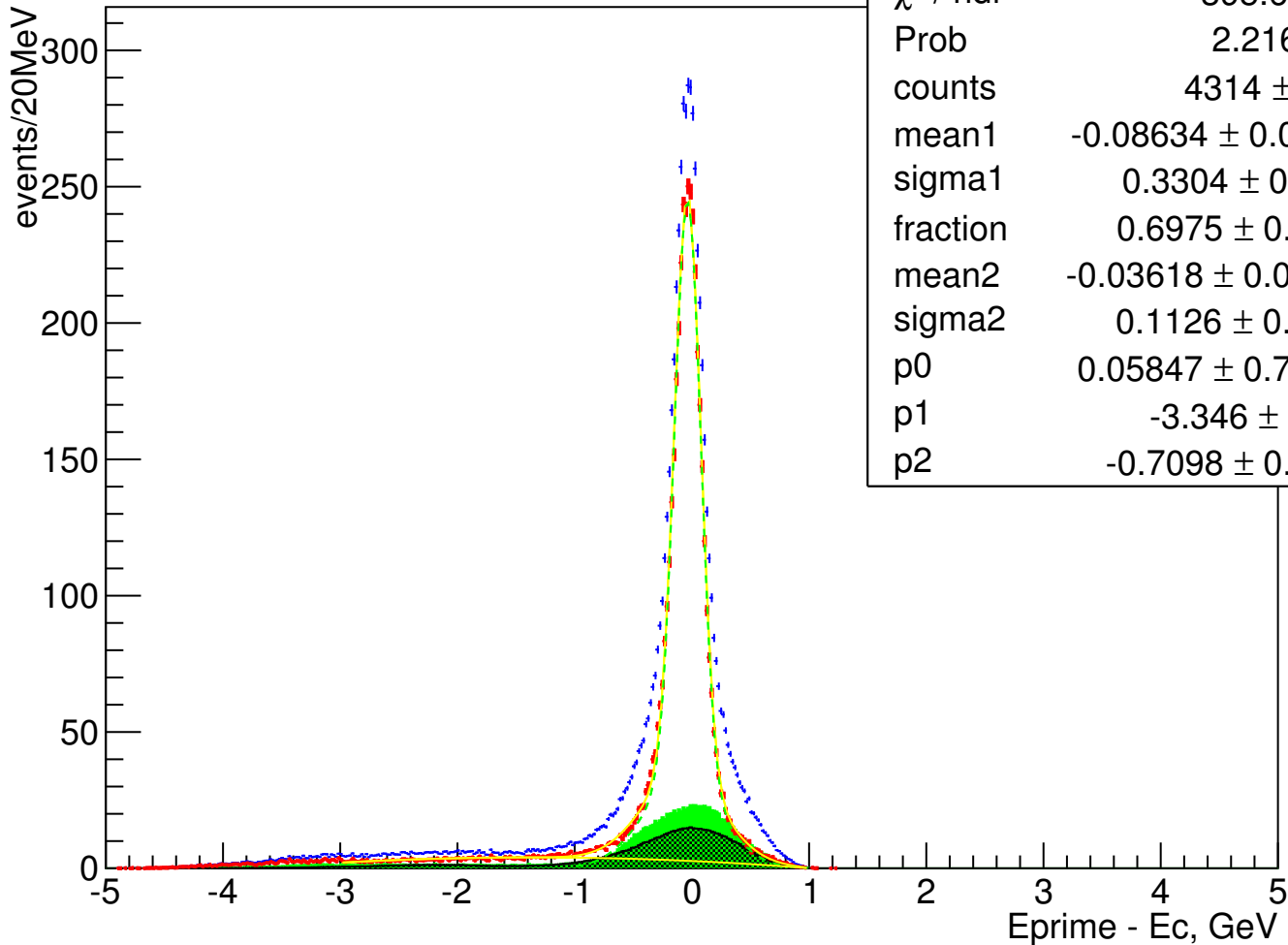
Eprime-Ec run 64780 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	418.5 / 191
Prob	4.513e-19
counts	4344 ± 72.2
mean1	-0.08526 ± 0.01261
sigma1	0.3198 ± 0.0170
fraction	0.6711 ± 0.0263
mean2	-0.03904 ± 0.00278
sigma2	0.1095 ± 0.0036
p0	1.692e-07 ± 3.508e-02
p1	-3.392 ± 0.370
p2	-0.7151 ± 0.1087
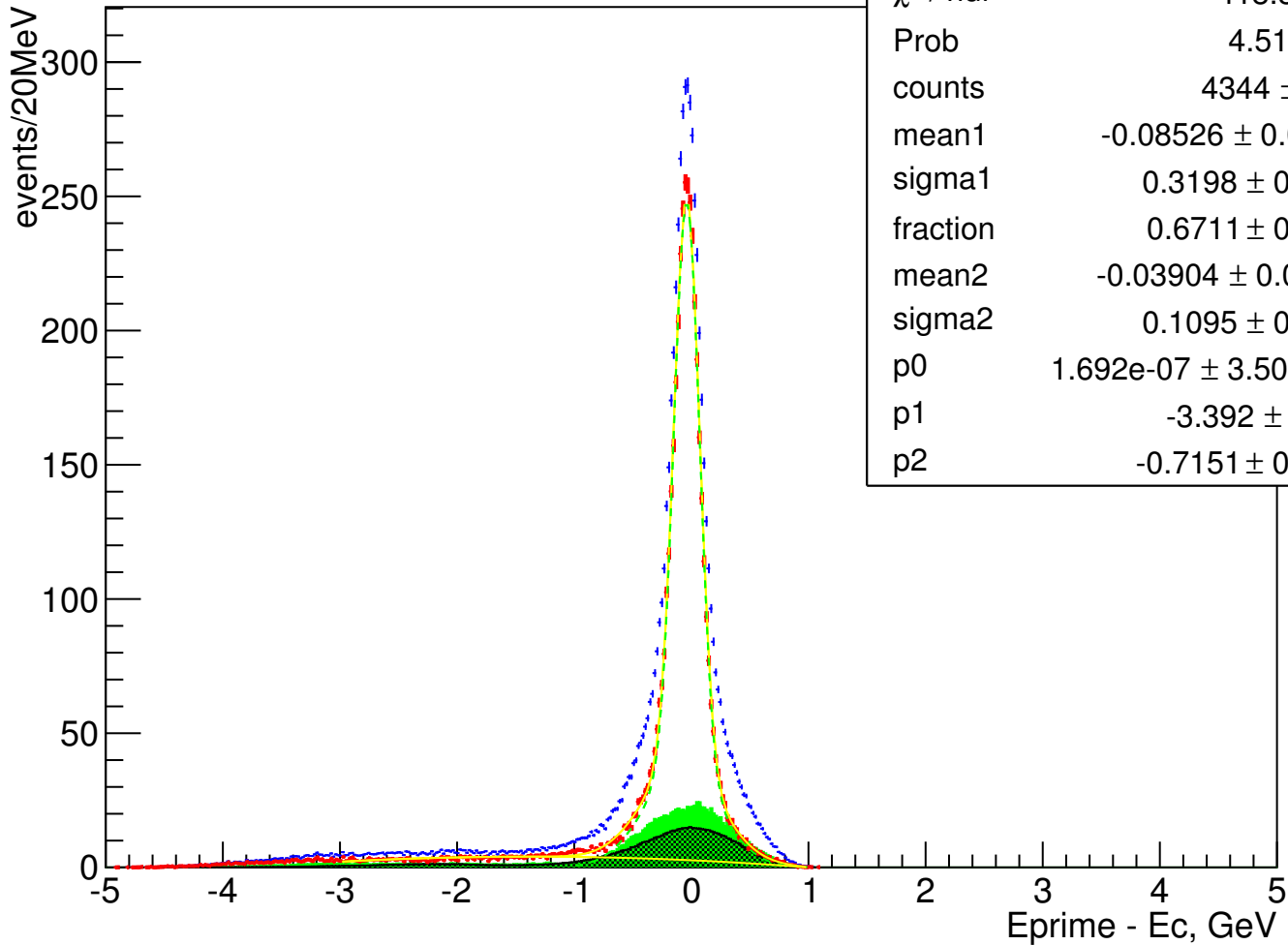
Eprime-Ec run 64782 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	270 / 191
Prob	0.0001459
counts	4378 ± 72.4
mean1	-0.0852 ± 0.0128
sigma1	0.325 ± 0.017
fraction	0.6779 ± 0.0264
mean2	-0.04393 ± 0.00279
sigma2	0.1109 ± 0.0036
p0	6.606e-10 ± 2.529e-01
p1	-3.263 ± 0.369
p2	-0.6865 ± 0.1083
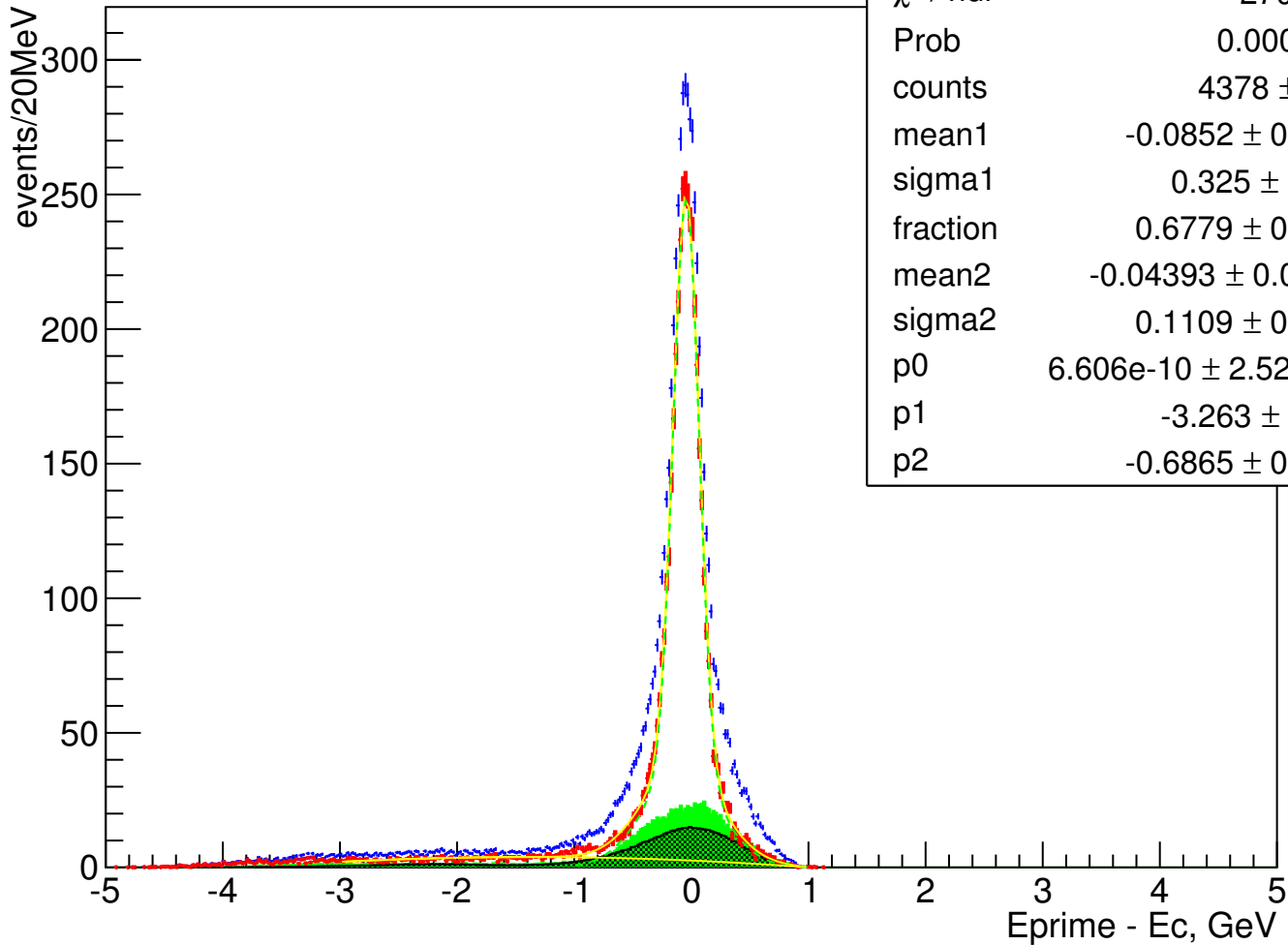
Eprime-Ec run 64784 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	404.5 / 191
Prob	2.05e-17
counts	4245 ± 74.9
mean1	-0.07821 ± 0.01236
sigma1	0.3145 ± 0.0209
fraction	0.6705 ± 0.0286
mean2	-0.03318 ± 0.00288
sigma2	0.1085 ± 0.0038
p0	0.173 ± 0.359
p1	-3.29 ± 0.42
p2	-0.6924 ± 0.1128
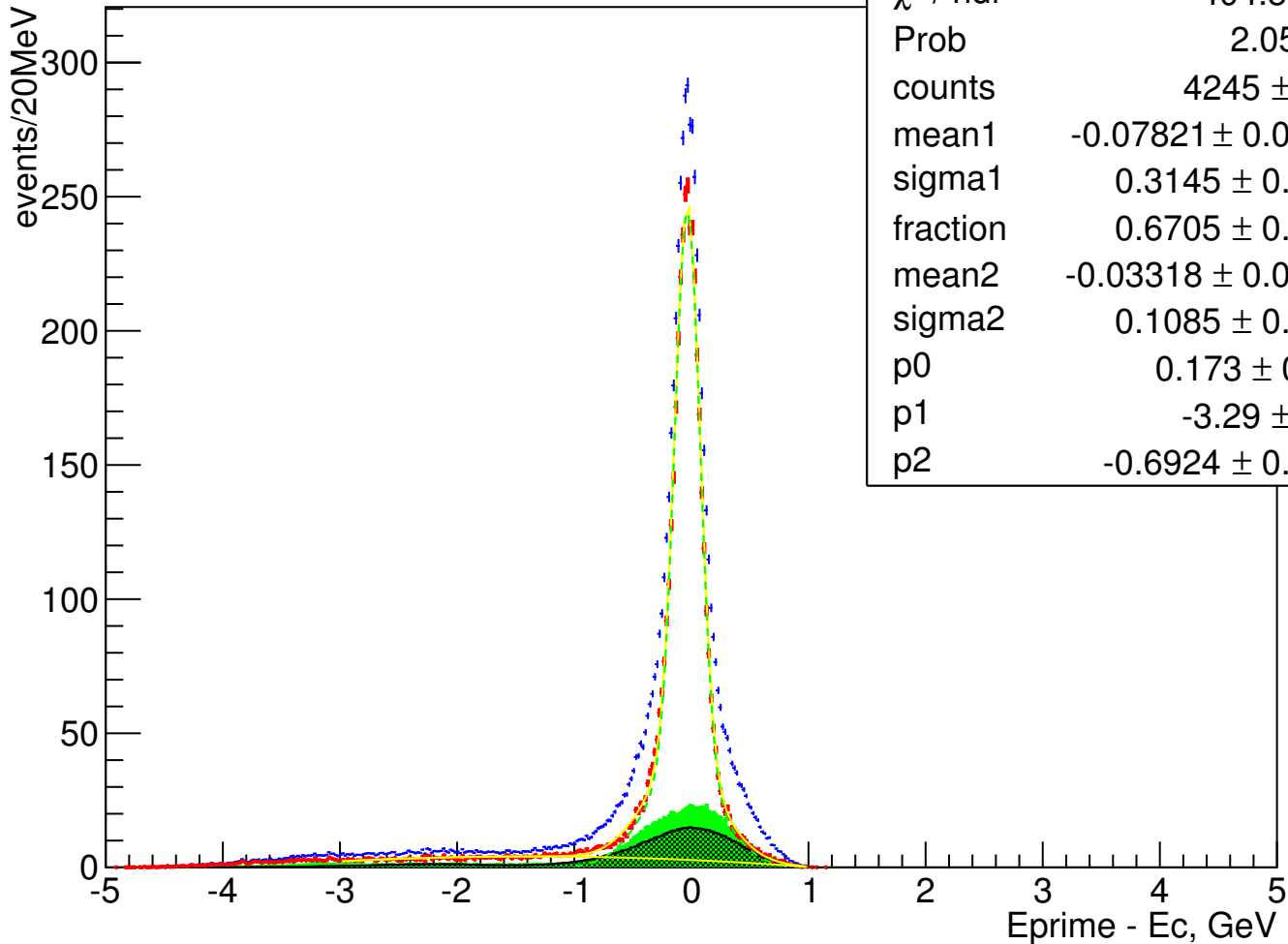
Eprime-Ec run 64785 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	422.7 / 191
Prob	1.434e-19
counts	4282 ± 71.3
mean1	-0.07917 ± 0.01238
sigma1	0.3162 ± 0.0166
fraction	0.6729 ± 0.0268
mean2	-0.03288 ± 0.00282
sigma2	0.1093 ± 0.0036
p0	2.394e-06 ± 4.571e-02
p1	-3.333 ± 0.362
p2	-0.6981 ± 0.1067

events/20MeV
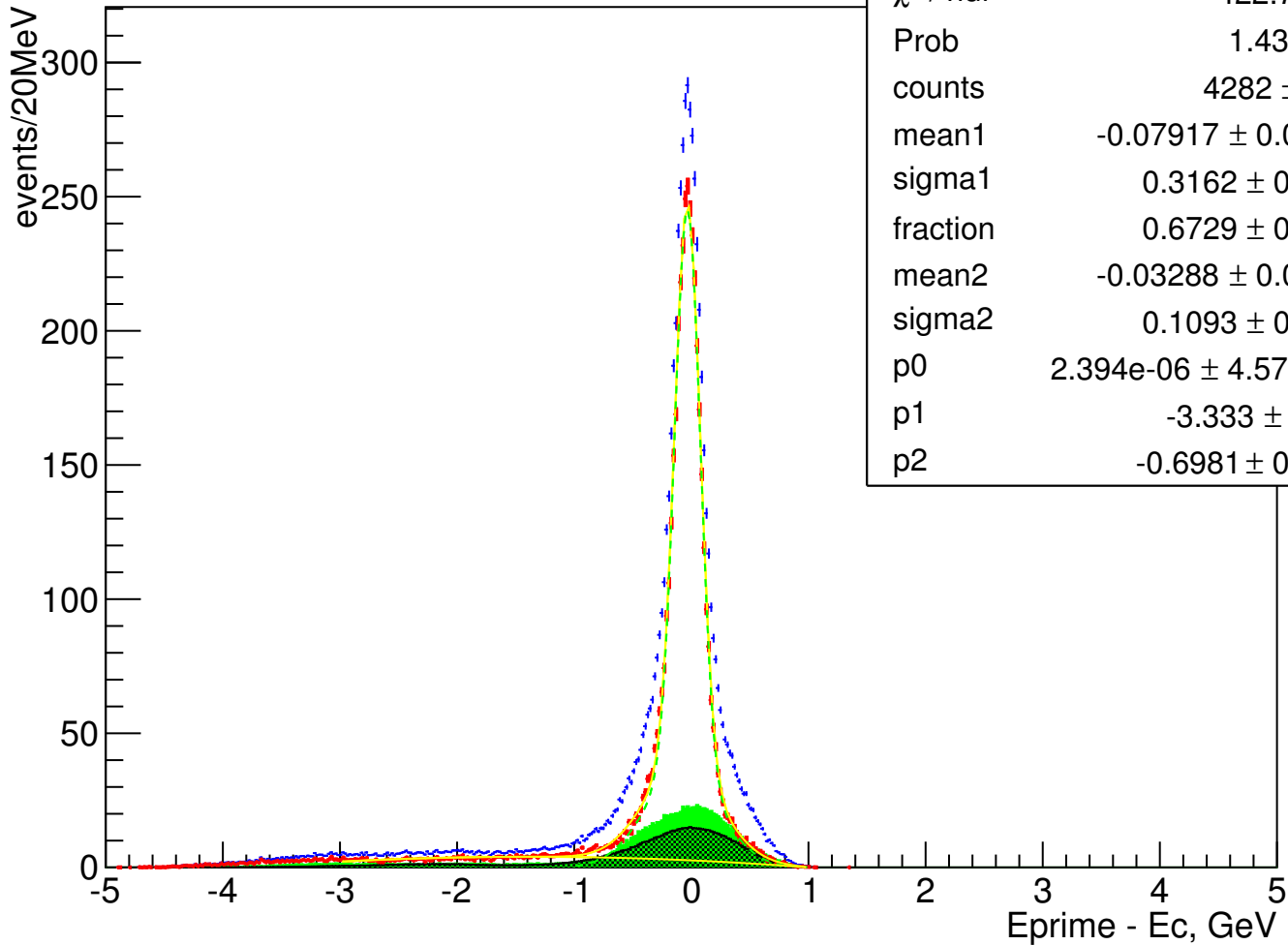
Eprime - Ec, GeV

Eprime-Ec run 64786 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	317.8 / 191
Prob	2.251e-08
counts	4300 ± 71.8
mean1	-0.08031 ± 0.01311
sigma1	0.3291 ± 0.0174
fraction	0.6871 ± 0.0254
mean2	-0.03577 ± 0.00279
sigma2	0.1115 ± 0.0035
p0	$7.229\text{e-}08 \pm 6.250\text{e-}01$
p1	-3.346 ± 0.373
p2	-0.7036 ± 0.1103
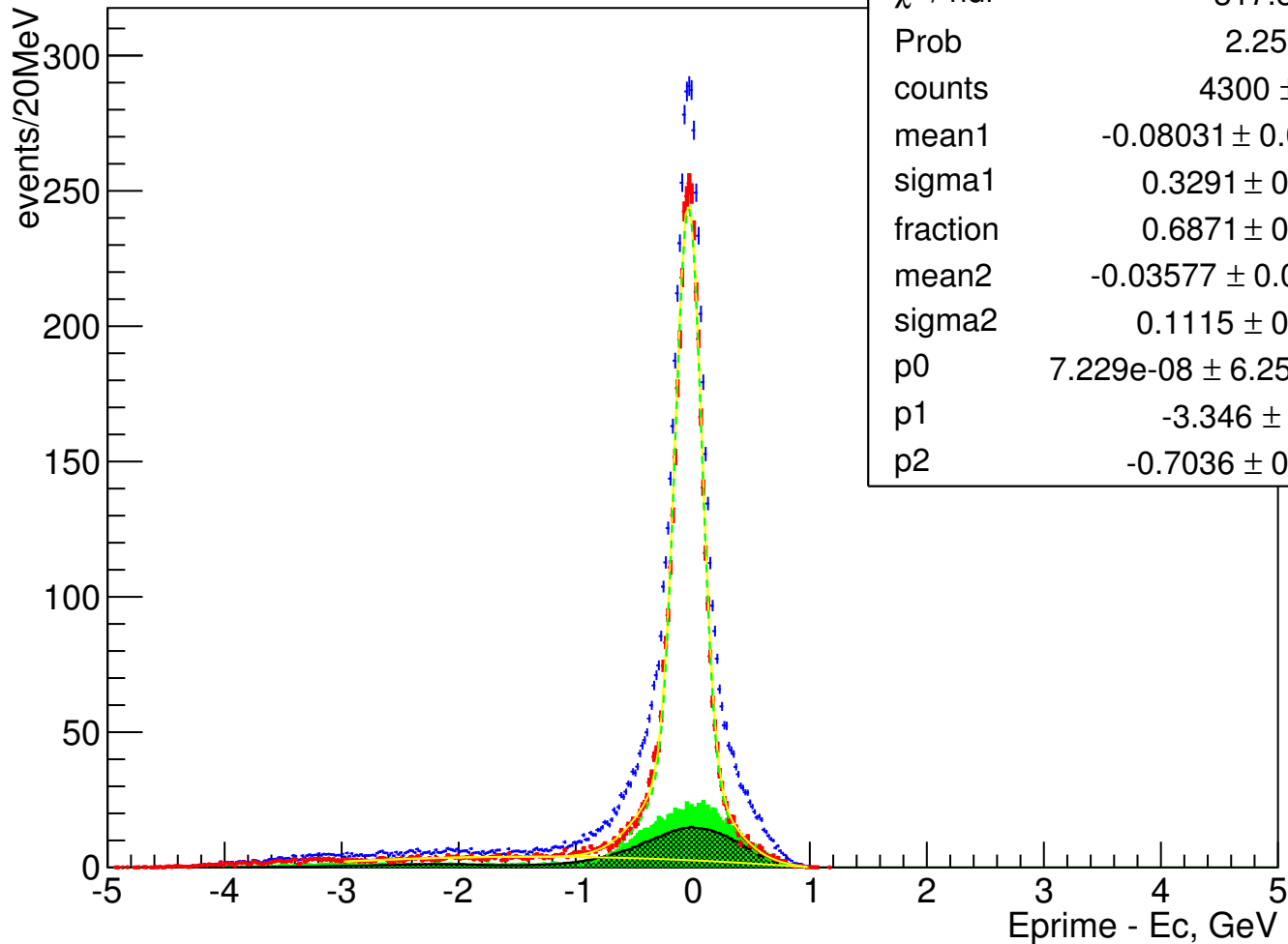
Eprime-Ec run 64802 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	386.9 / 191
Prob	2.127e-15
counts	4239 ± 73.9
mean1	-0.07949 ± 0.01319
sigma1	0.3133 ± 0.0210
fraction	0.6767 ± 0.0284
mean2	-0.0297 ± 0.0029
sigma2	0.1099 ± 0.0038
p0	0.2075 ± 0.3487
p1	-3.199 ± 0.407
p2	-0.6826 ± 0.1099
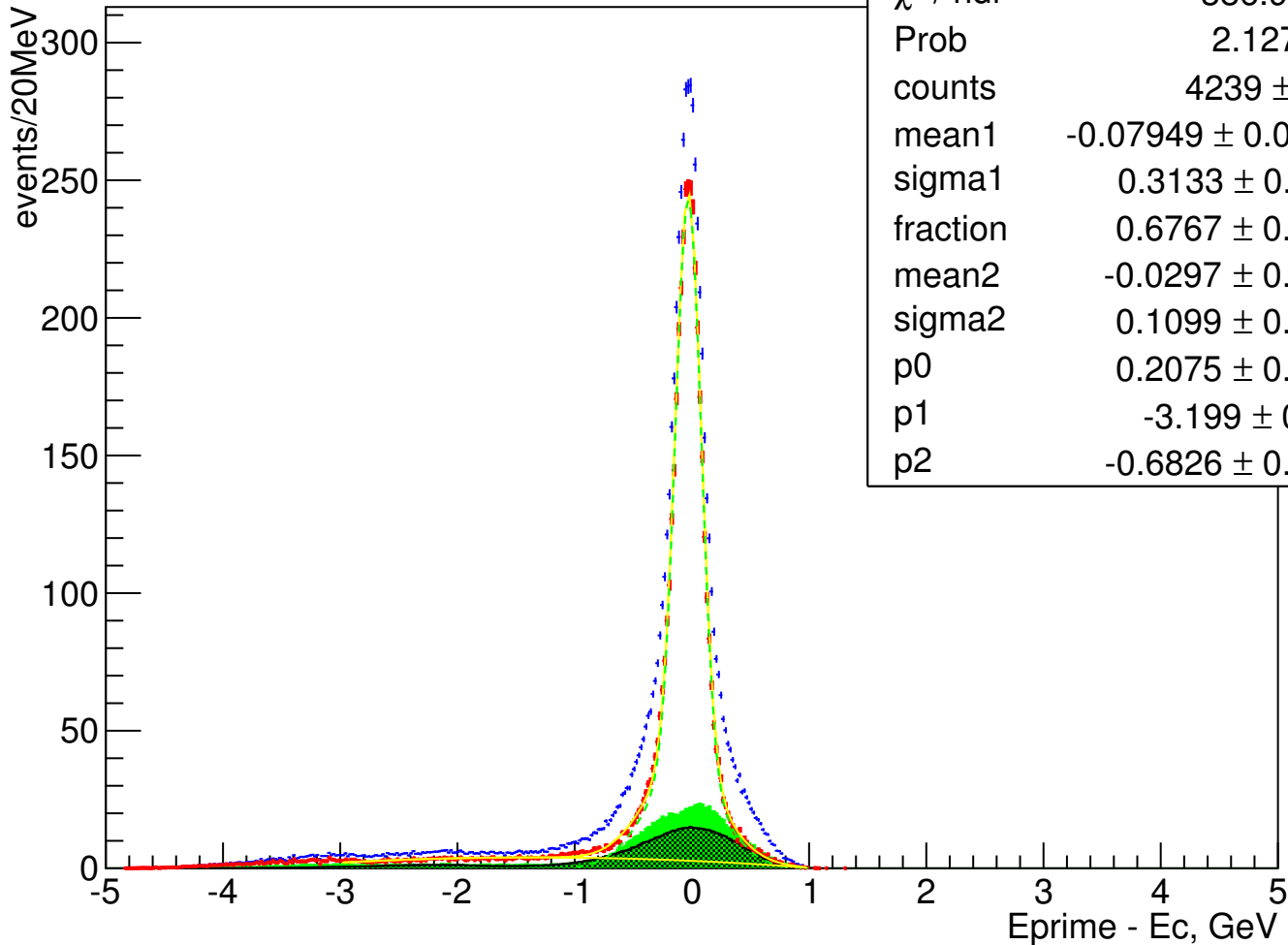
Eprime-Ec run 64803 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	458 / 191
Prob	5.693e-24
counts	4250 ± 71.8
mean1	-0.08951 ± 0.01418
sigma1	0.3288 ± 0.0186
fraction	0.6925 ± 0.0260
mean2	-0.0281 ± 0.0028
sigma2	0.1121 ± 0.0036
p0	$1.56\text{e-}06 \pm 3.41\text{e+}00$
p1	-3.105 ± 0.377
p2	-0.6303 ± 0.1117
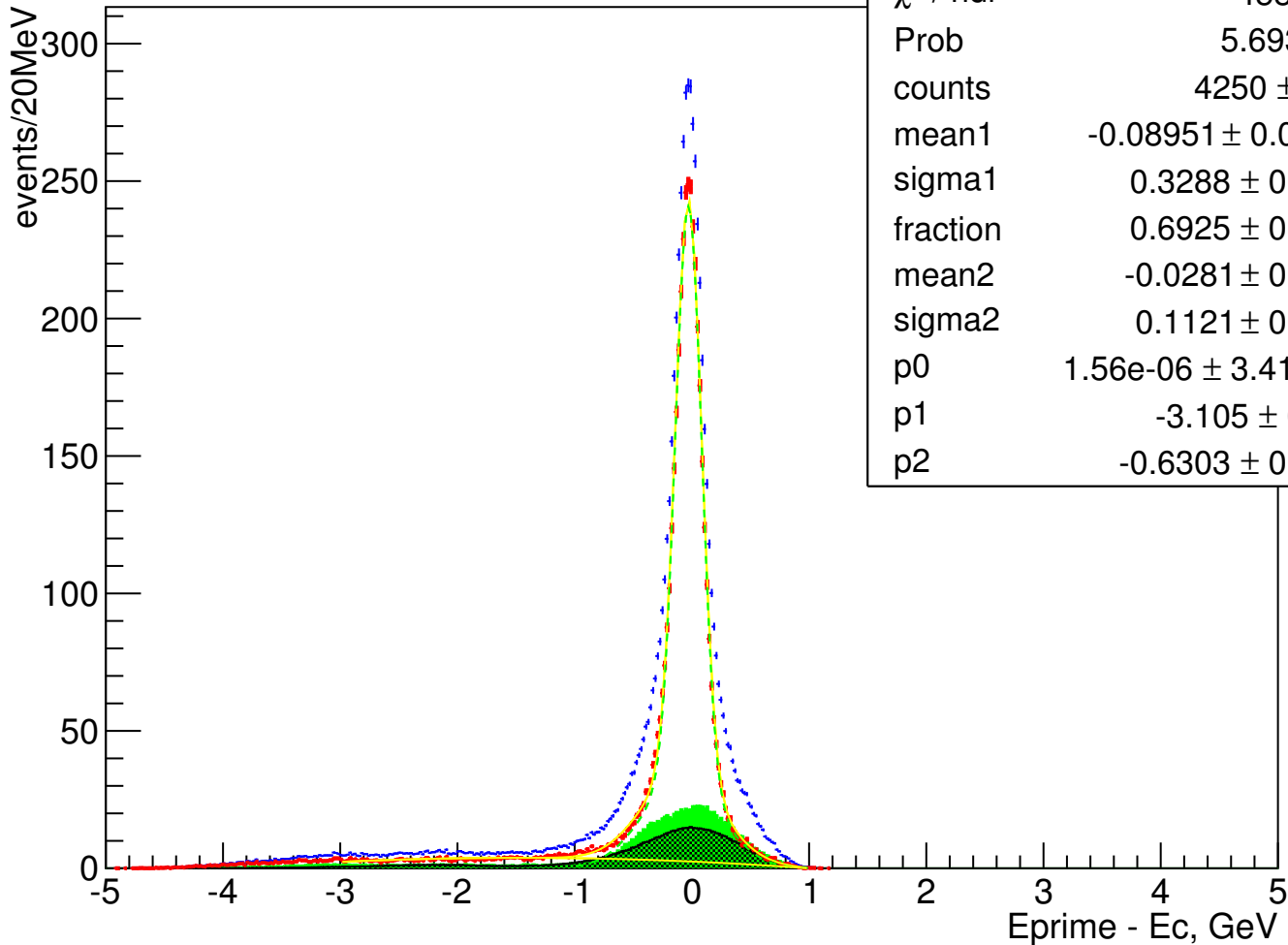
Eprime-Ec run 64804 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	471.4 / 191
Prob	1.043e-25
counts	4183 ± 75.1
mean1	-0.0773 ± 0.0138
sigma1	0.3241 ± 0.0235
fraction	0.6917 ± 0.0286
mean2	-0.026 ± 0.003
sigma2	0.1112 ± 0.0039
p0	0.09097 ± 0.34372
p1	-3.272 ± 0.404
p2	-0.6888 ± 0.1110
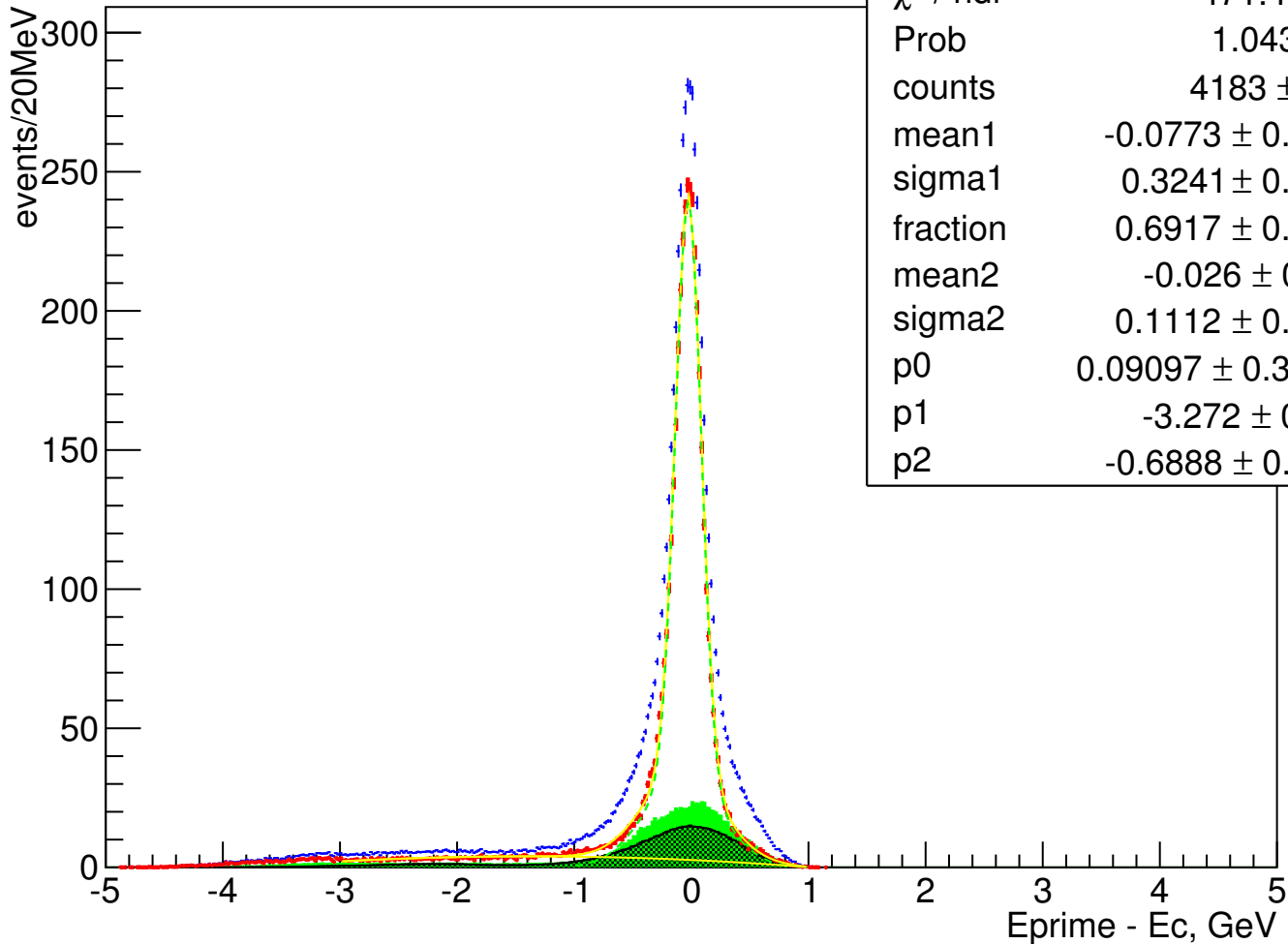
Eprime-Ec run 64808 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters
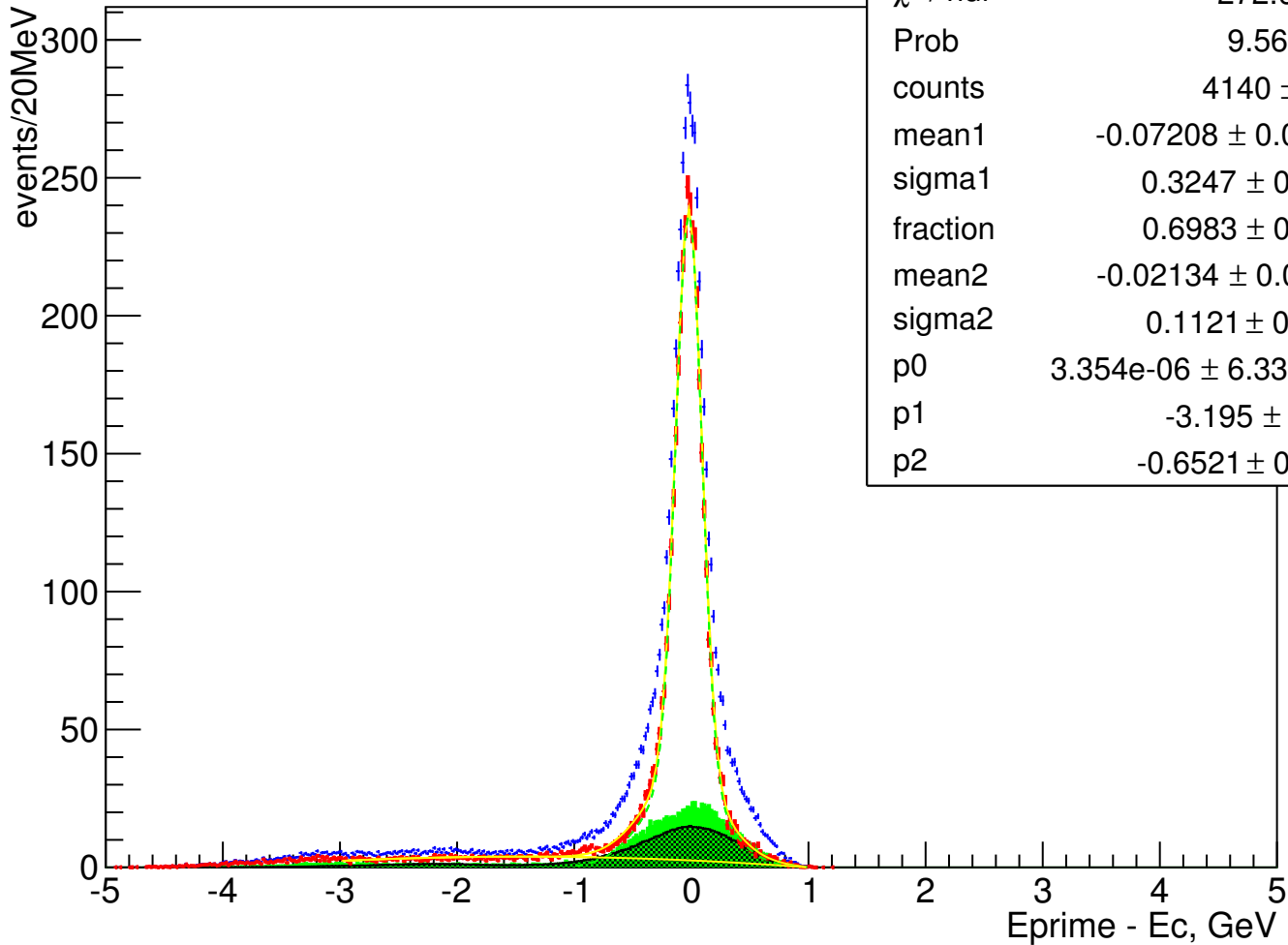
χ² / ndf	272.6 / 191
Prob	9.561e-05
counts	4140 ± 71.2
mean1	-0.07208 ± 0.01414
sigma1	0.3247 ± 0.0192
fraction	0.6983 ± 0.0272
mean2	-0.02134 ± 0.00285
sigma2	0.1121 ± 0.0037
p0	3.354e-06 ± 6.337e-02
p1	-3.195 ± 0.378
p2	-0.6521 ± 0.1119

Eprime-Ec run 64809 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	279.5 / 191
Prob	3.109e-05
counts	4089 ± 70.4
mean1	-0.0707 ± 0.0154
sigma1	0.337 ± 0.020
fraction	0.7233 ± 0.0257
mean2	-0.02142 ± 0.00275
sigma2	0.1132 ± 0.0035
p0	6.646e-07 ± 6.604e-02
p1	-3.293 ± 0.374
p2	-0.6857 ± 0.1101
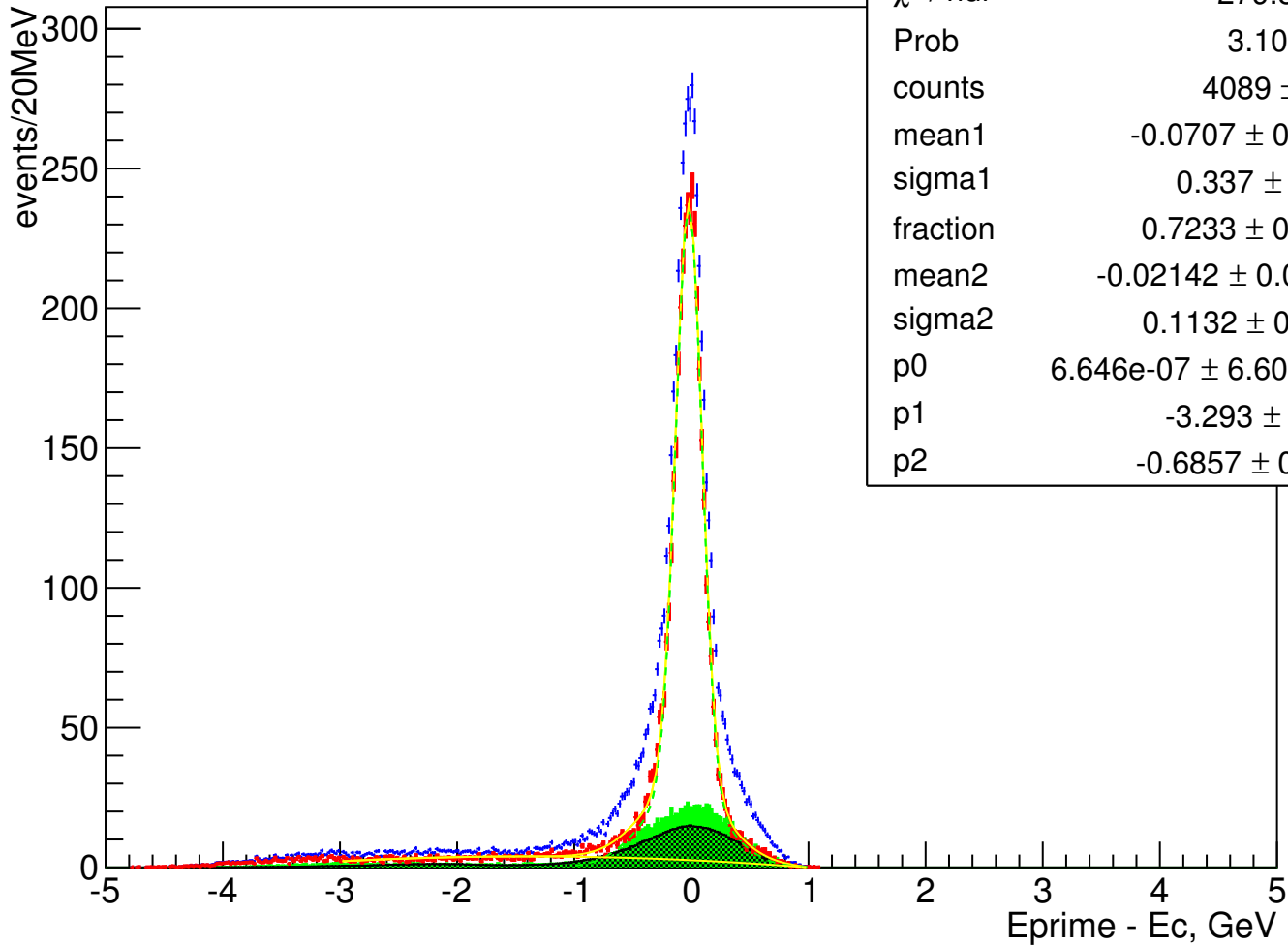
Eprime-Ec run 64839 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	490.9 / 191
Prob	2.78e-28
counts	4455 ± 72.5
mean1	-0.1048 ± 0.0126
sigma1	0.329 ± 0.017
fraction	0.6779 ± 0.0256
mean2	-0.05475 ± 0.00286
sigma2	0.112 ± 0.004
p0	2.615e-08 ± 2.542e-02
p1	-3.14 ± 0.37
p2	-0.6534 ± 0.1091
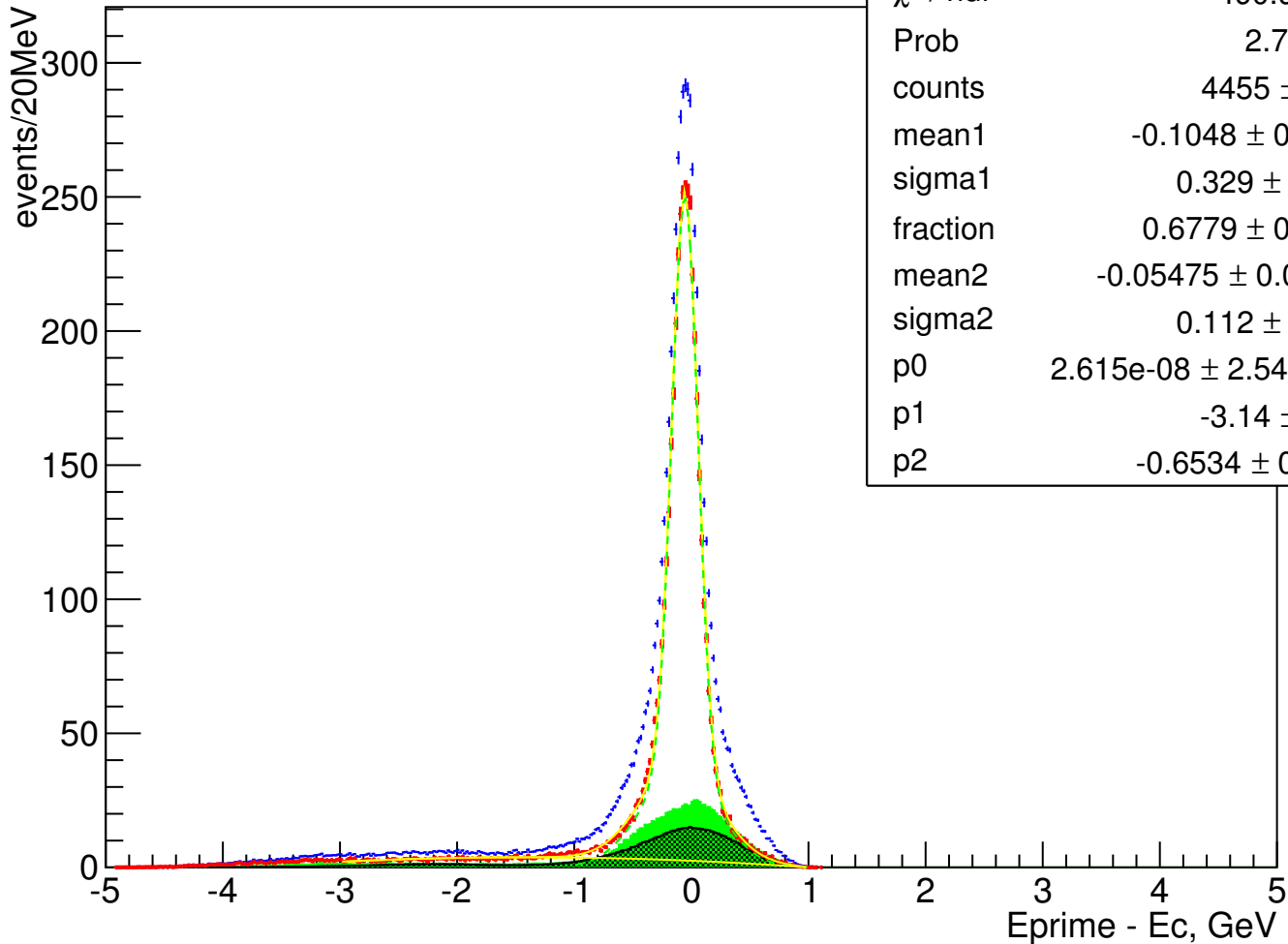
Eprime-Ec run 64841 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	289.8 / 191
Prob	5.186e-06
counts	4571 ± 73.7
mean1	-0.072 ± 0.013
sigma1	0.3469 ± 0.0184
fraction	0.6809 ± 0.0315
mean2	-0.05698 ± 0.00340
sigma2	0.1351 ± 0.0045
p0	2.128e-10 ± 2.467e-01
p1	-3.218 ± 0.370
p2	-0.6724 ± 0.1092

events/20MeV
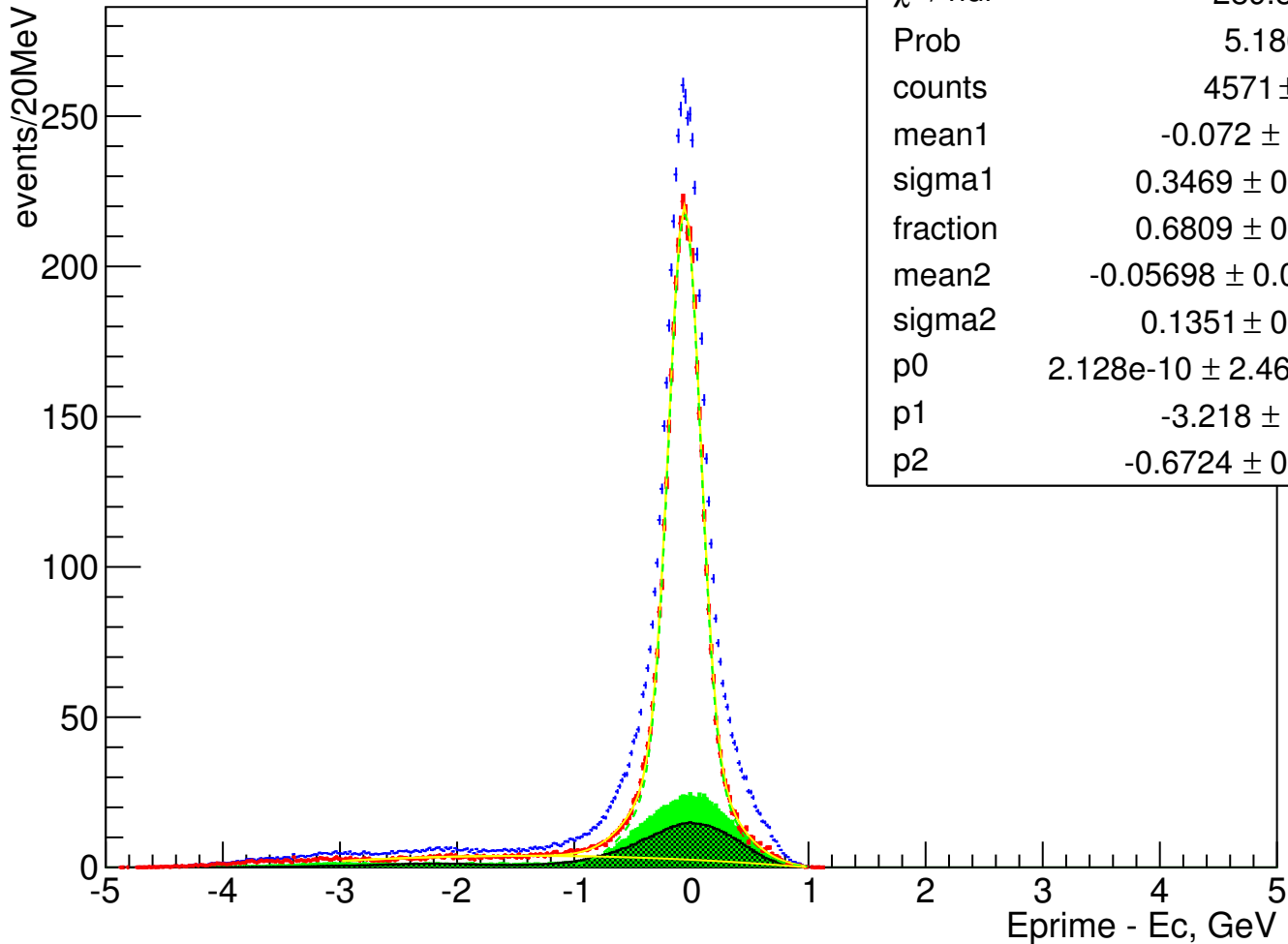
Eprime - Ec, GeV

Eprime-Ec run 64850 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	246.5 / 191
Prob	0.004179
counts	4178 ± 76.8
mean1	-0.086 ± 0.019
sigma1	0.3599 ± 0.0313
fraction	0.7635 ± 0.0247
mean2	-0.02192 ± 0.00296
sigma2	0.1245 ± 0.0035
p0	0.03027 ± 1.16546
p1	-3.032 ± 0.413
p2	-0.6133 ± 0.1145

events/20MeV
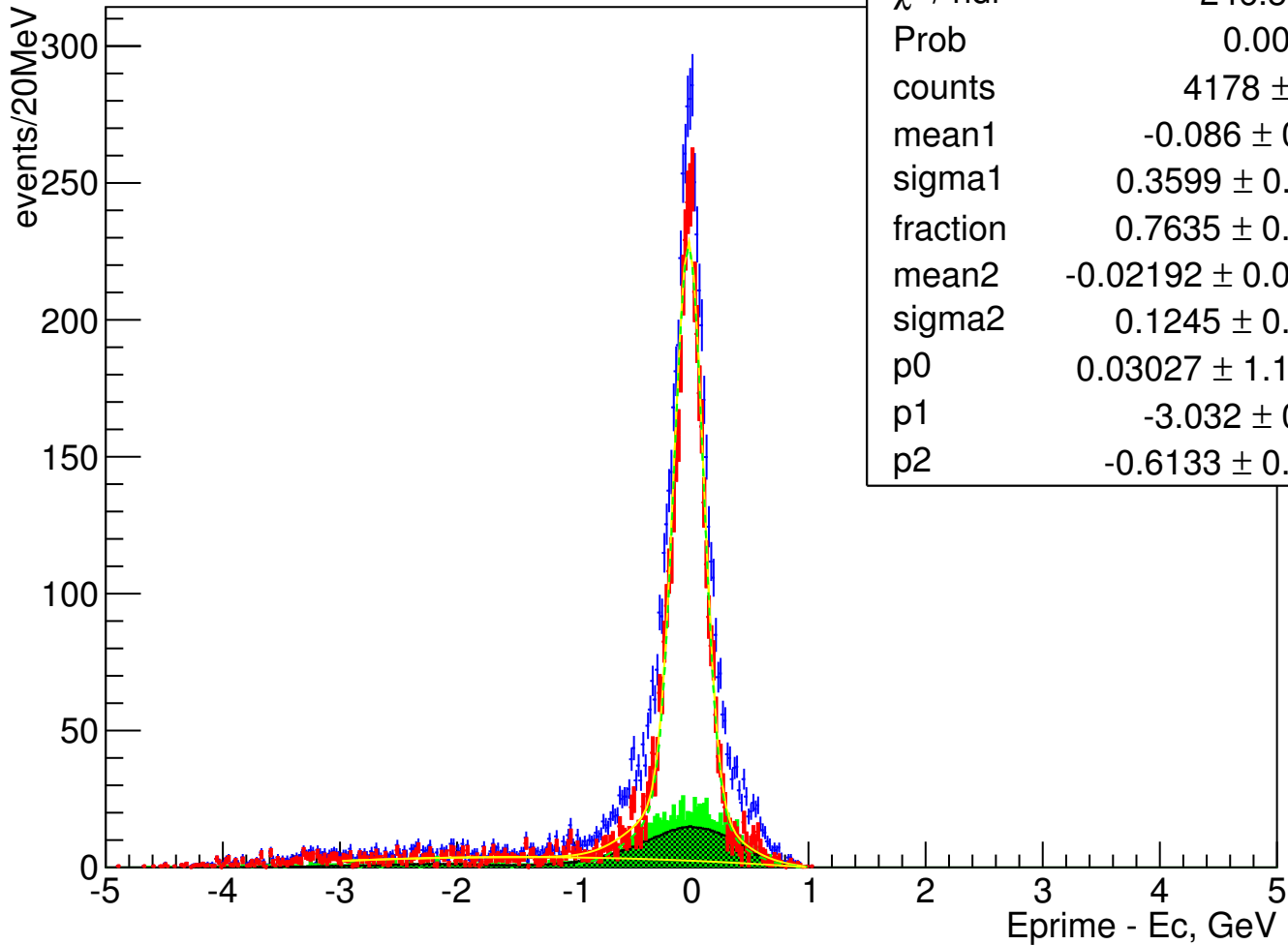
Eprime - Ec, GeV

Eprime-Ec run 64852 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	251 / 191
Prob	0.002318
counts	4312 ± 71.4
mean1	-0.08763 ± 0.01244
sigma1	0.312 ± 0.017
fraction	0.6762 ± 0.0282
mean2	-0.03723 ± 0.00290
sigma2	0.1117 ± 0.0038
p0	$5.999\text{e-}07 \pm 2.749\text{e-}02$
p1	-3.413 ± 0.357
p2	-0.7427 ± 0.1050
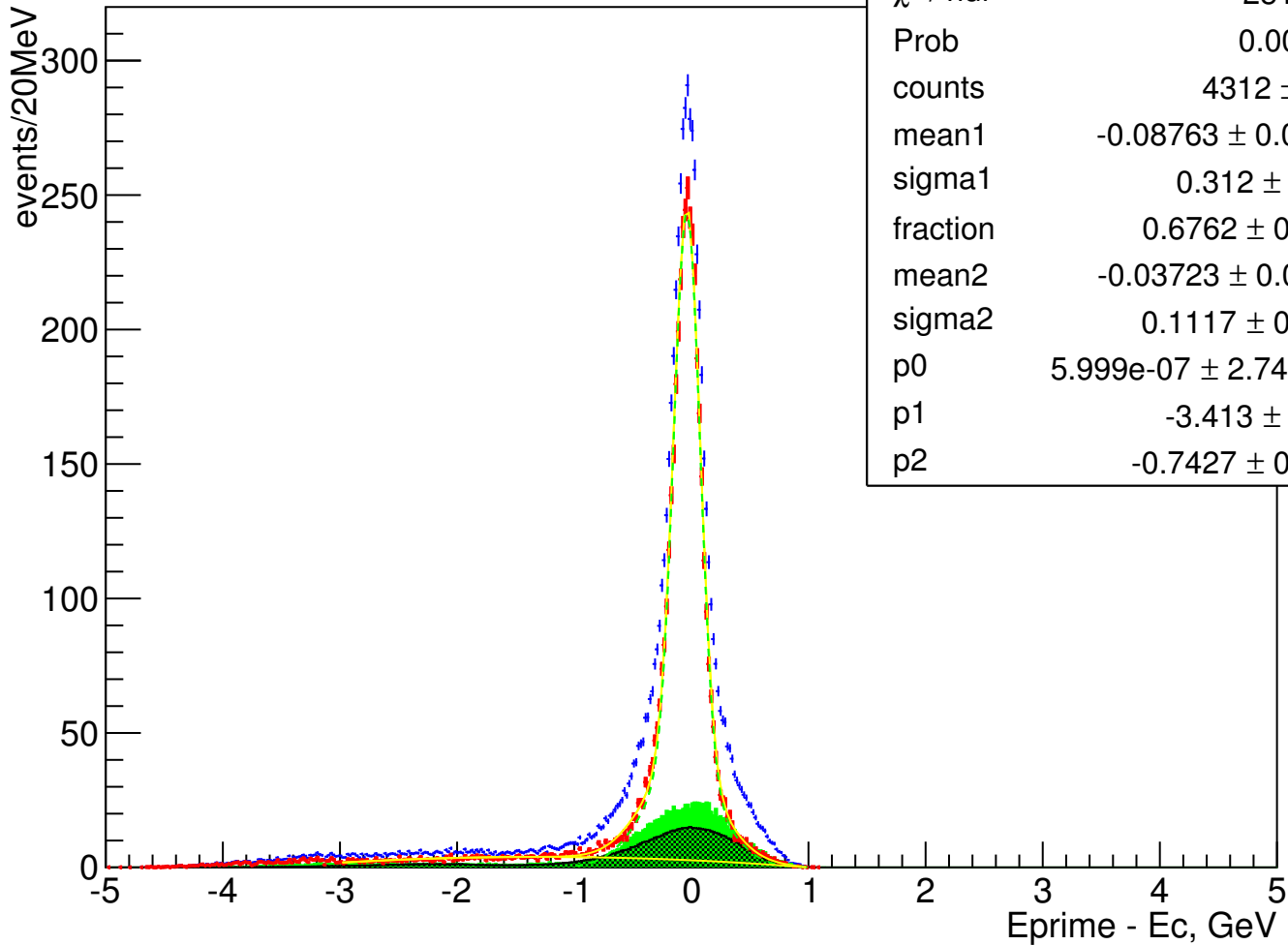
Eprime-Ec run 64854 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	366.6 / 191
Prob	3.543e-13
counts	4289 ± 71.1
mean1	-0.07871 ± 0.01204
sigma1	0.3111 ± 0.0164
fraction	0.6644 ± 0.0293
mean2	-0.02957 ± 0.00294
sigma2	0.1114 ± 0.0039
p0	1.672e-08 ± 3.253e-02
p1	-3.128 ± 0.359
p2	-0.647 ± 0.106
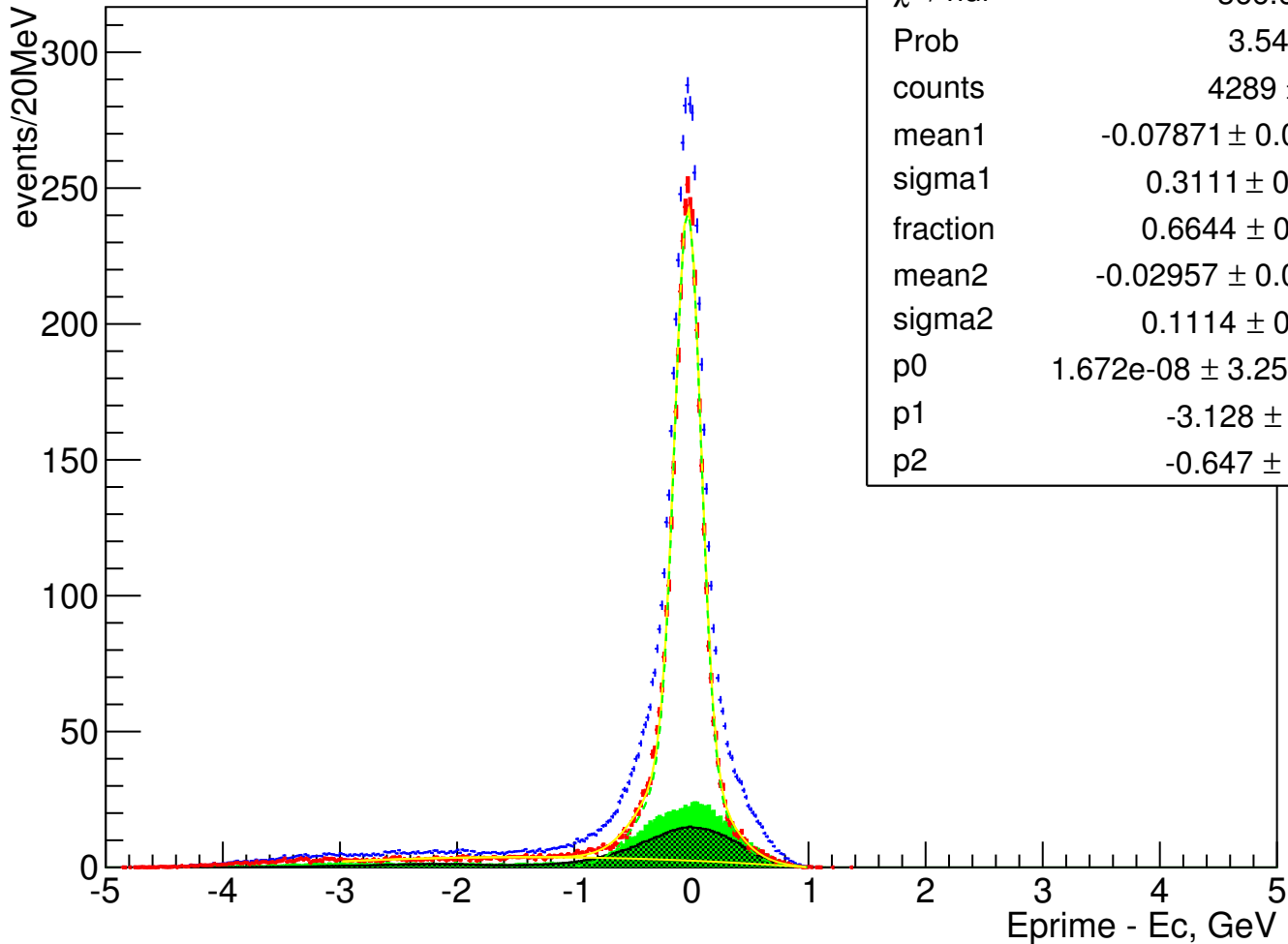
Eprime-Ec run 64856 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	445.3 / 191
Prob	2.307e-22
counts	4326 ± 72.0
mean1	-0.09054 ± 0.01295
sigma1	0.3154 ± 0.0178
fraction	0.6813 ± 0.0279
mean2	-0.03667 ± 0.00284
sigma2	0.1112 ± 0.0037
p0	3.025e-07 ± 3.720e+00
p1	-3.266 ± 0.372
p2	-0.6822 ± 0.1098

events/20MeV
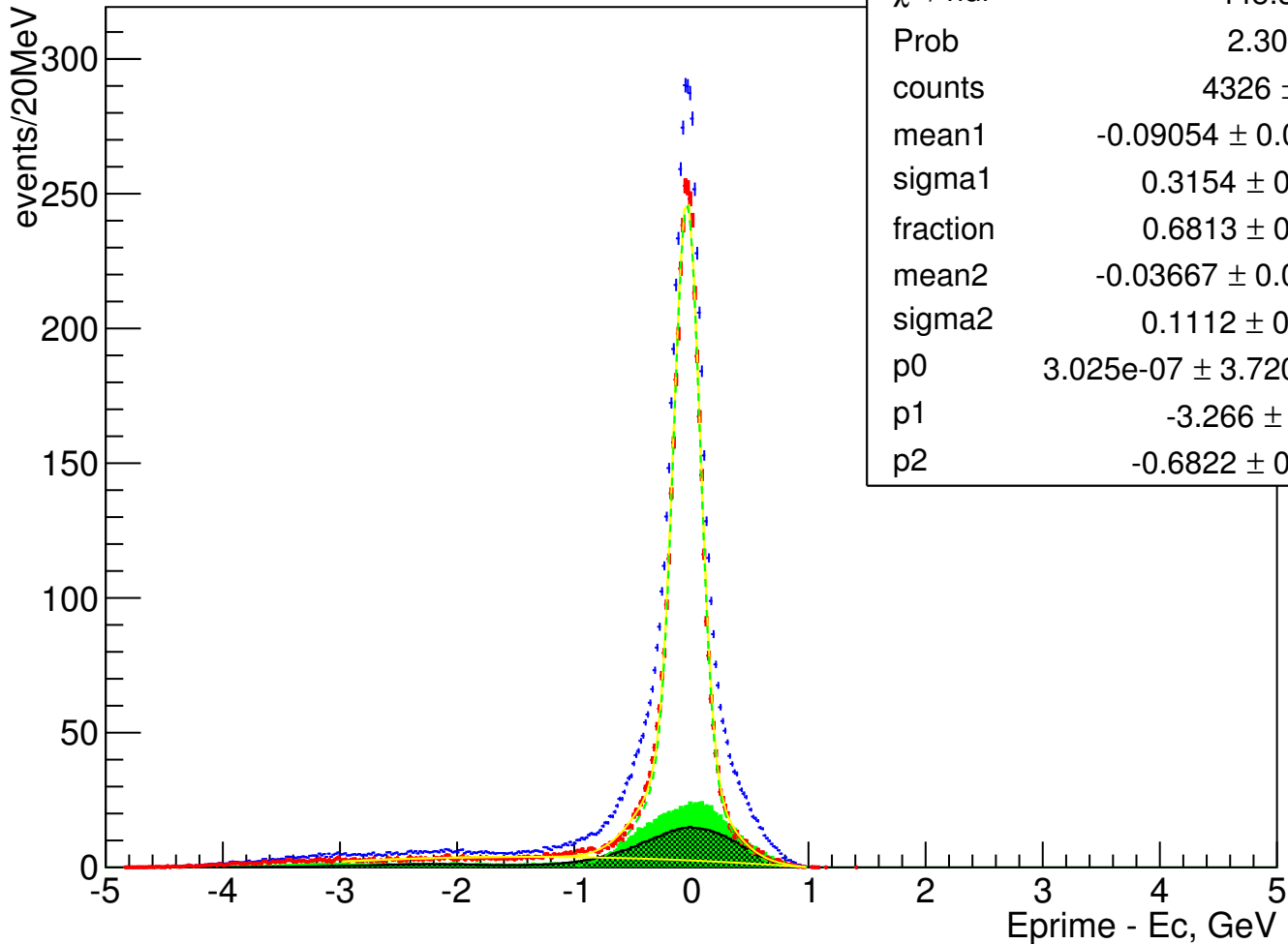
Eprime - Ec, GeV

Eprime-Ec run 64857 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters
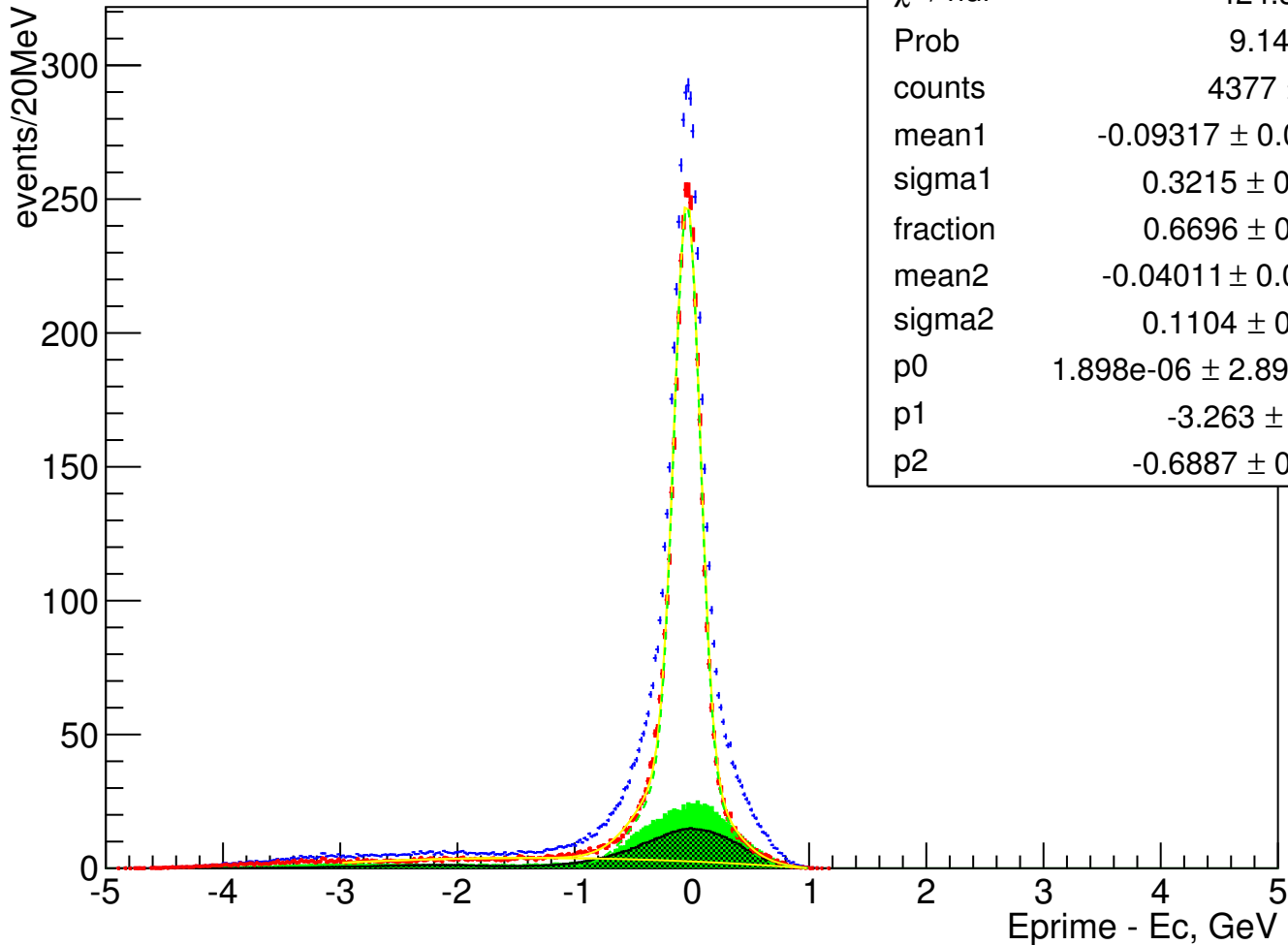
χ² / ndf	424.3 / 191
Prob	9.144e-20
counts	4377 ± 72.1
mean1	-0.09317 ± 0.01232
sigma1	0.3215 ± 0.0164
fraction	0.6696 ± 0.0263
mean2	-0.04011 ± 0.00284
sigma2	0.1104 ± 0.0036
p0	1.898e-06 ± 2.898e-02
p1	-3.263 ± 0.369
p2	-0.6887 ± 0.1086

Eprime-Ec run 64858 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	374.7 / 191
Prob	4.782e-14
counts	4336 ± 71.2
mean1	-0.08912 ± 0.01147
sigma1	0.3131 ± 0.0144
fraction	0.6742 ± 0.0248
mean2	-0.03408 ± 0.00285
sigma2	0.1109 ± 0.0034
p0	3.762e-07 ± 6.151e+01
p1	-3.294 ± 0.353
p2	-0.6985 ± 0.1043
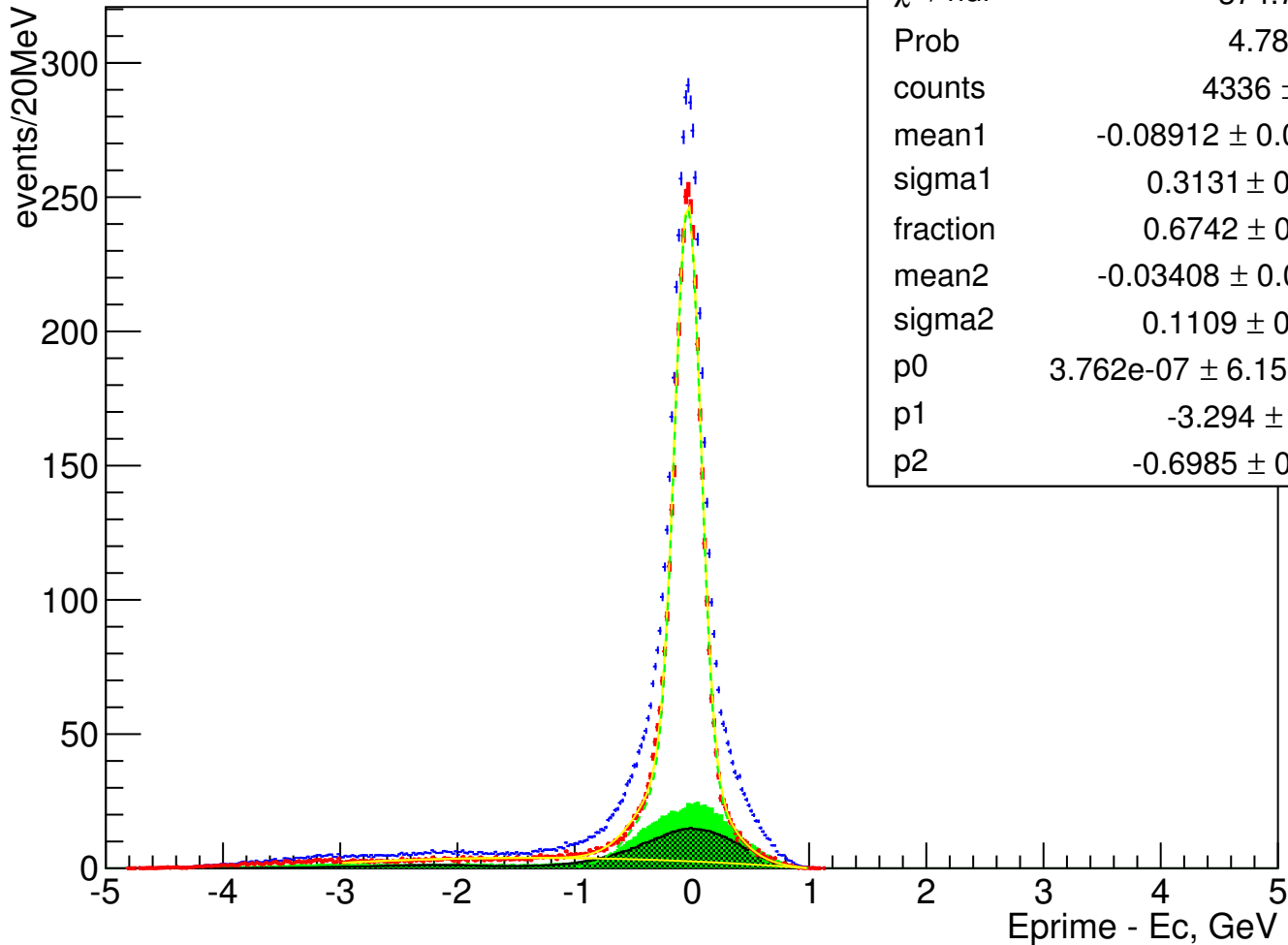
Eprime-Ec run 64859 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	501.8 / 191
Prob	9.361e-30
counts	4332 ± 74.2
mean1	-0.09474 ± 0.01222
sigma1	0.3092 ± 0.0191
fraction	0.6601 ± 0.0297
mean2	-0.03389 ± 0.00302
sigma2	0.1099 ± 0.0040
p0	0.1555 ± 0.3012
p1	-3.199 ± 0.397
p2	-0.6847 ± 0.1093
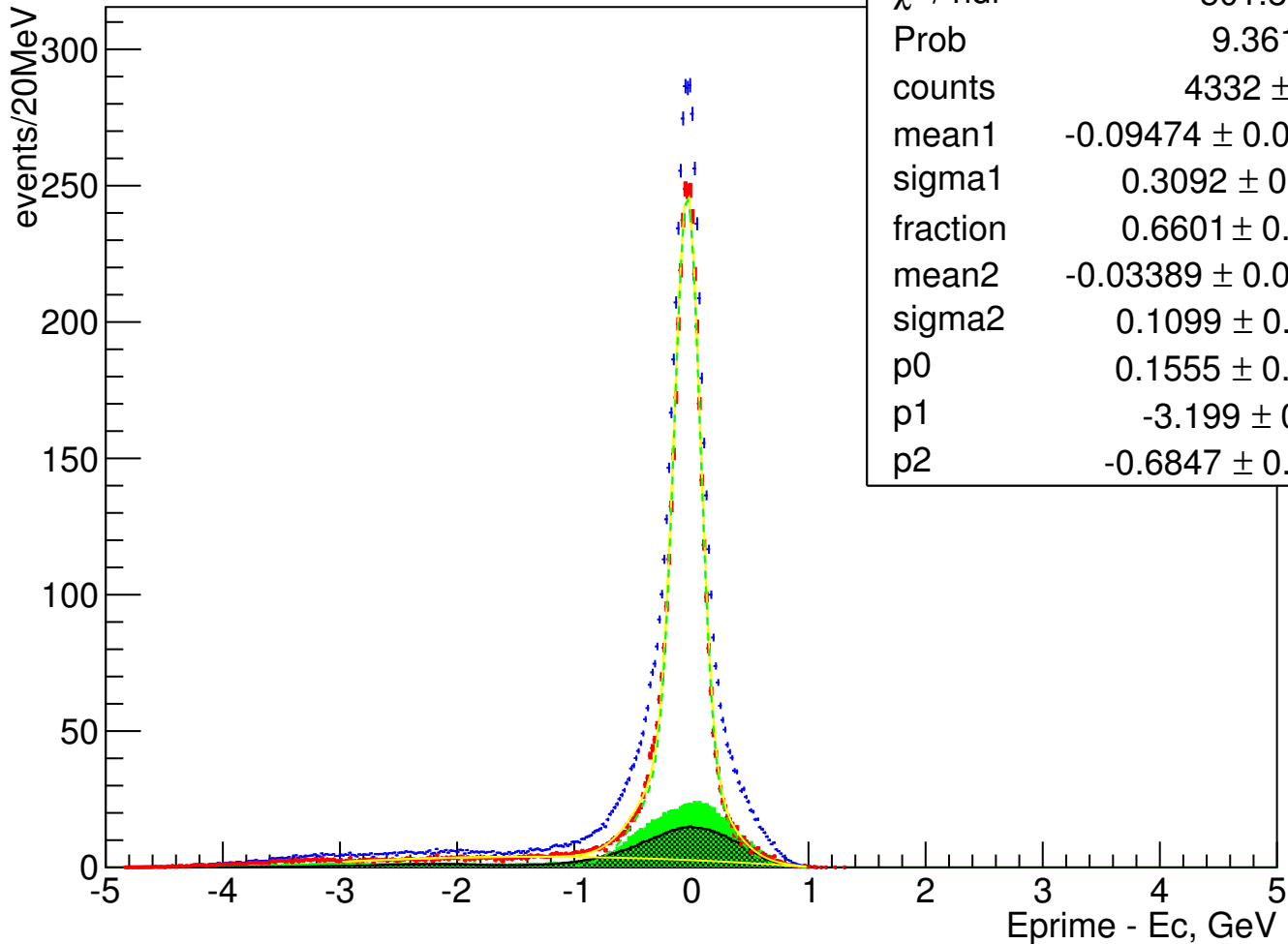
Eprime-Ec run 64860 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	448.6 / 191
Prob	9.067e-23
counts	4307 ± 71.2
mean1	-0.08453 ± 0.01134
sigma1	0.3018 ± 0.0157
fraction	0.6517 ± 0.0297
mean2	-0.03514 ± 0.00294
sigma2	0.1084 ± 0.0039
p0	8.766e-06 ± 3.203e-02
p1	-3.289 ± 0.356
p2	-0.6933 ± 0.1051
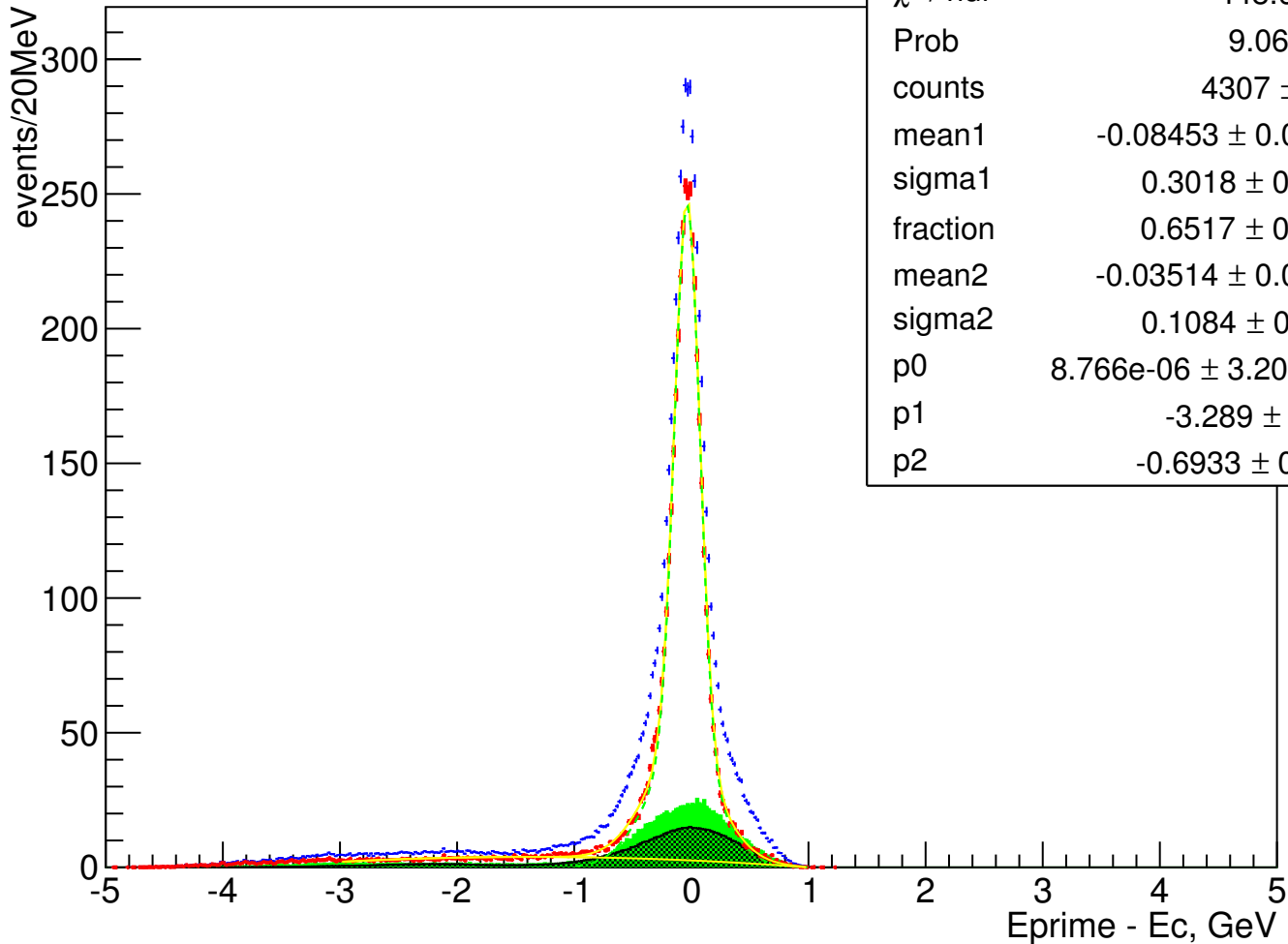
Eprime-Ec run 64861 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	416.3 / 191
Prob	8.387e-19
counts	4370 ± 74.8
mean1	-0.09889 ± 0.01233
sigma1	0.3106 ± 0.0195
fraction	0.67 ± 0.03
mean2	-0.03779 ± 0.00295
sigma2	0.1099 ± 0.0038
p0	0.1303 ± 0.3231
p1	-3.042 ± 0.408
p2	-0.6261 ± 0.1119
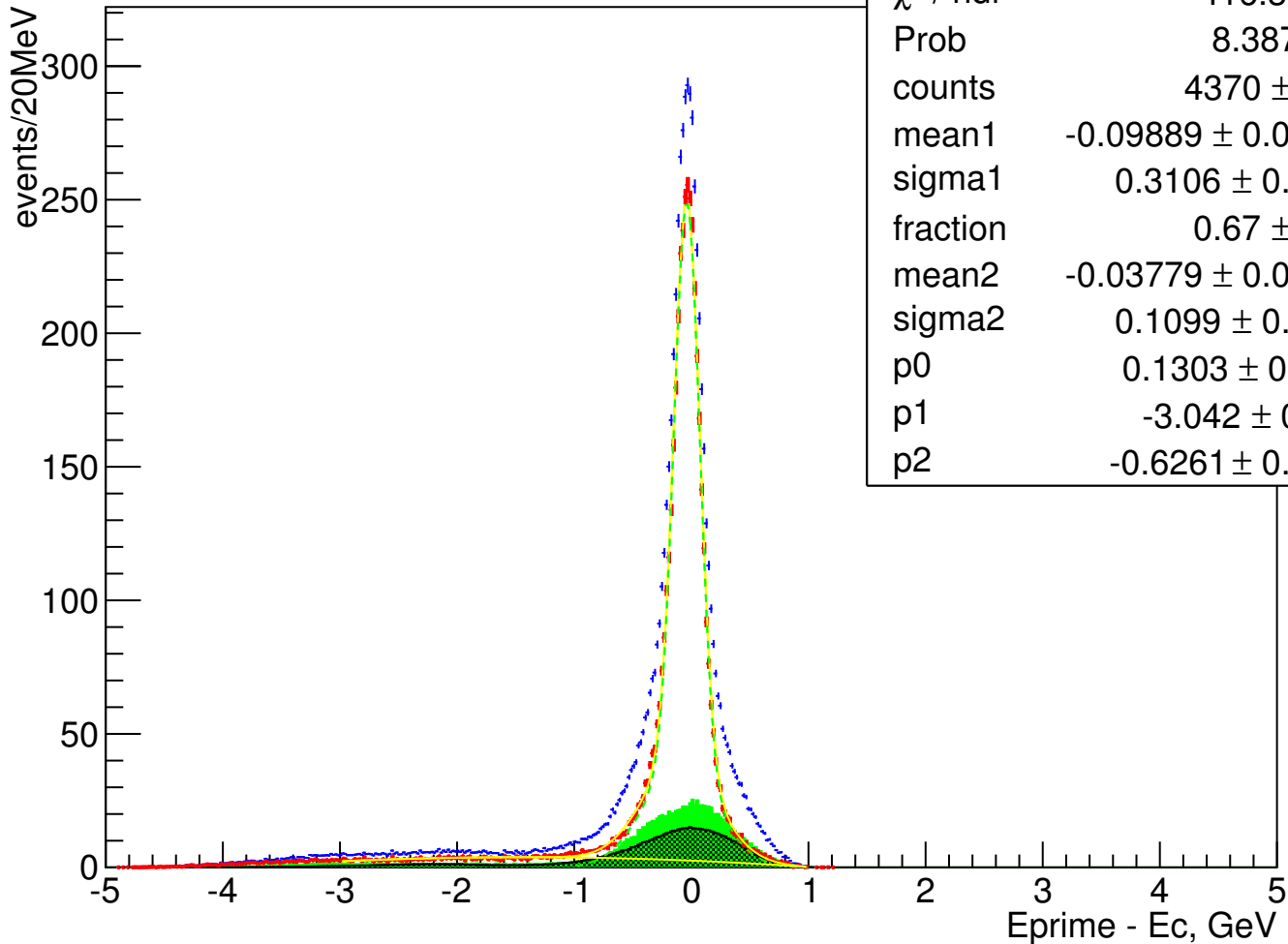
Eprime-Ec run 64863 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	332.4 / 191
Prob	1e-09
counts	4214 ± 70.4
mean1	-0.08526 ± 0.01231
sigma1	0.3103 ± 0.0164
fraction	0.6634 ± 0.0292
mean2	-0.03044 ± 0.00298
sigma2	0.111 ± 0.004
p0	2.97e-06 ± 2.16e-02
p1	-2.886 ± 0.355
p2	-0.5841 ± 0.1045
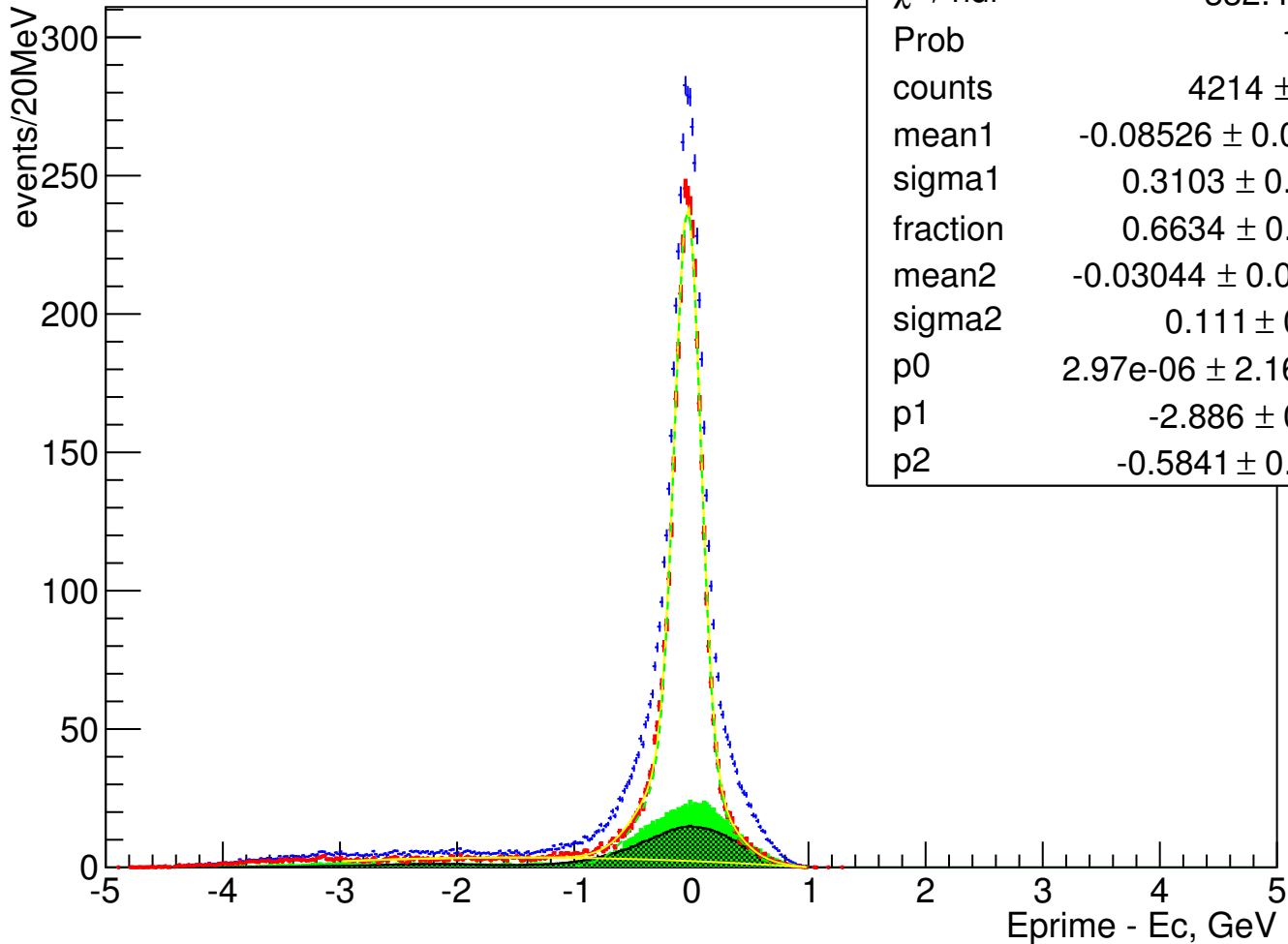
Eprime-Ec run 64864 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	491.3 / 191
Prob	2.394e-28
counts	4335 ± 73.8
mean1	-0.0863 ± 0.0116
sigma1	0.3069 ± 0.0183
fraction	0.653 ± 0.029
mean2	-0.03412 ± 0.00297
sigma2	0.1086 ± 0.0039
p0	0.1117 ± 0.2933
p1	-3.155 ± 0.390
p2	-0.67 ± 0.11
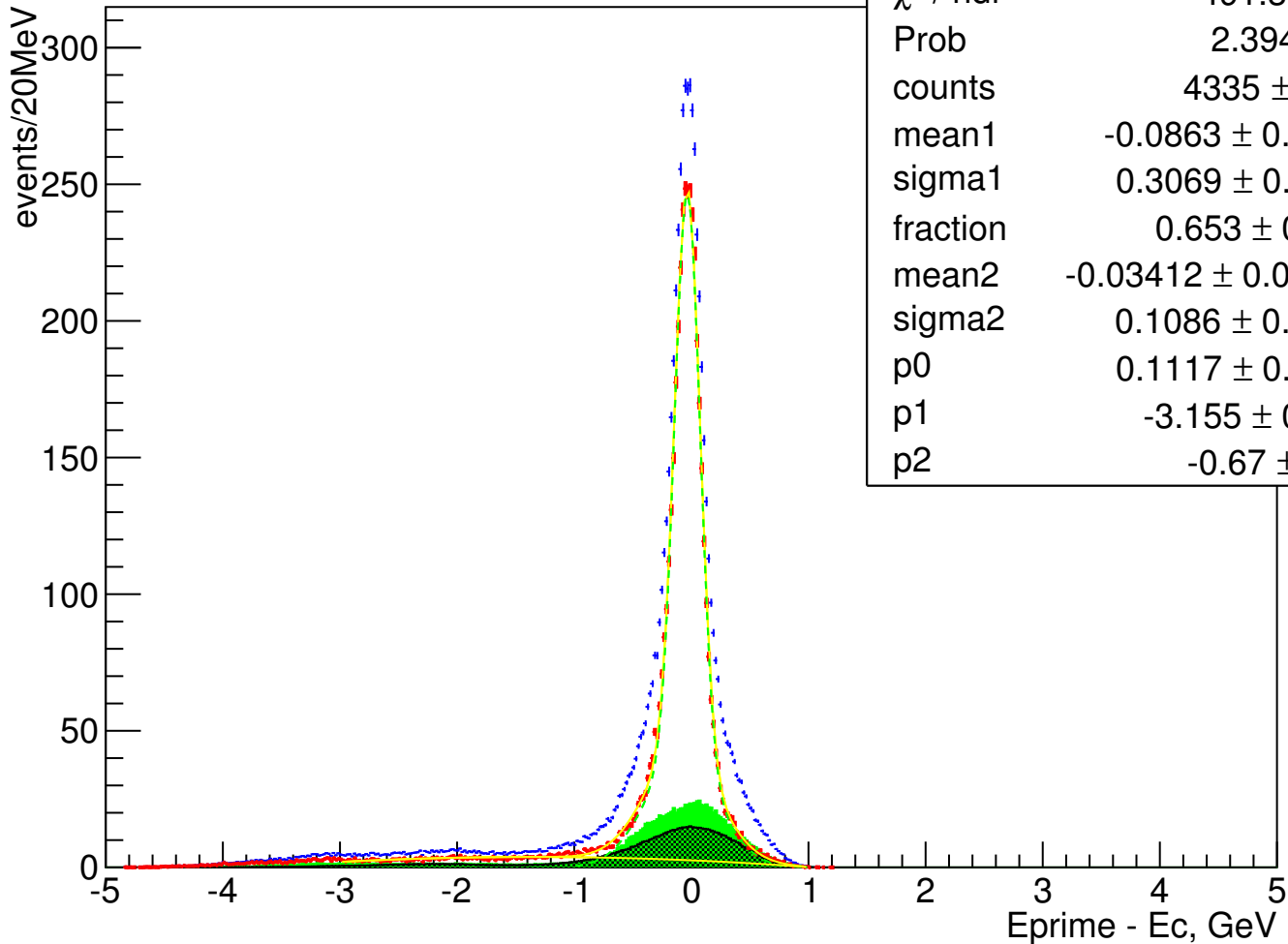
Eprime-Ec run 64865 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	555.1 / 191
Prob	3.261e-37
counts	4369 ± 71.7
mean1	-0.09311 ± 0.01167
sigma1	0.3165 ± 0.0152
fraction	0.6727 ± 0.0256
mean2	-0.03954 ± 0.00288
sigma2	0.1116 ± 0.0036
p0	1.822e-08 ± 6.158e+01
p1	-3.204 ± 0.357
p2	-0.6759 ± 0.1053
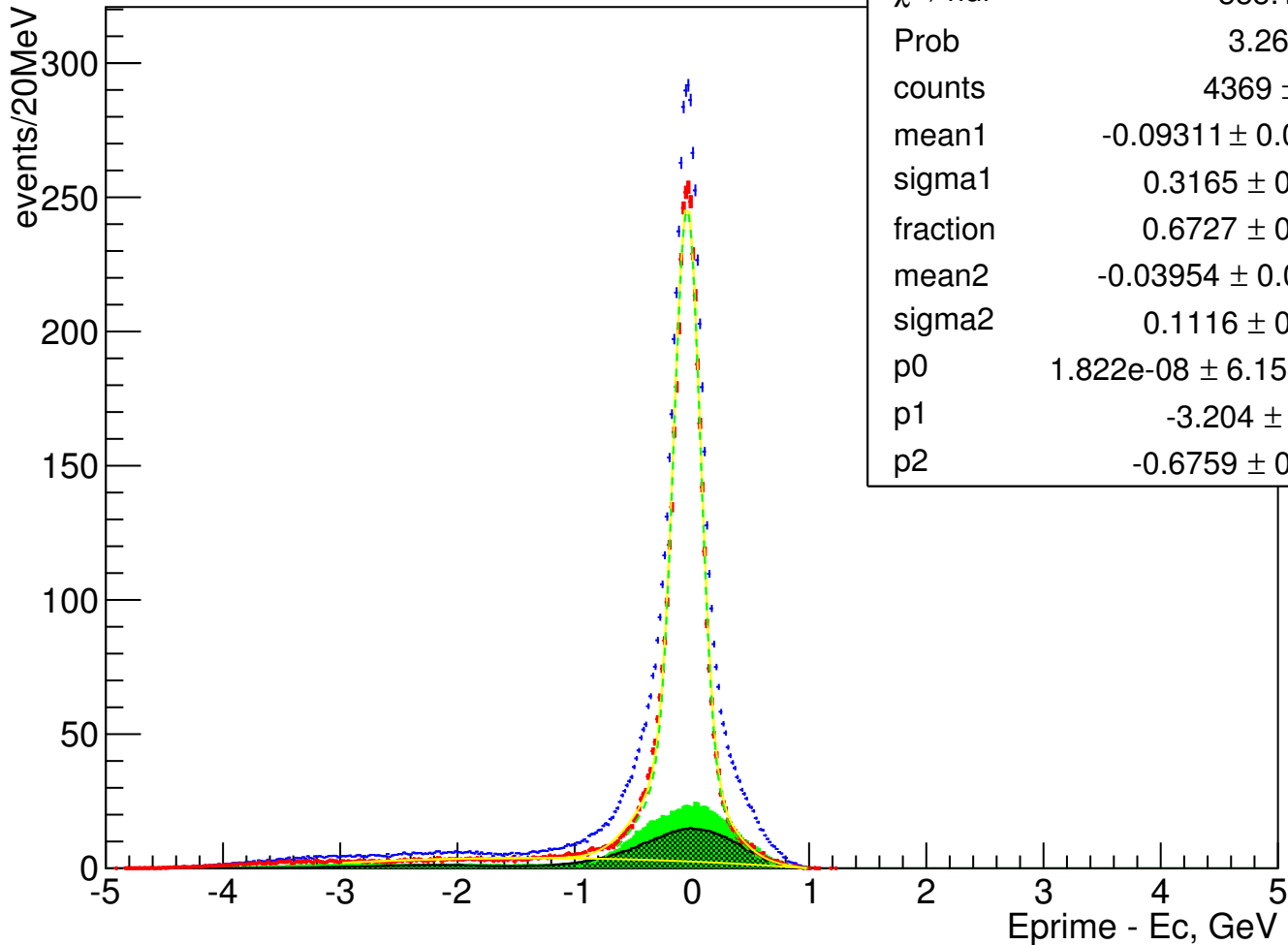
Eprime-Ec run 64866 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	435.1 / 191
Prob	4.294e-21
counts	4351 ± 71.5
mean1	-0.09036 ± 0.01212
sigma1	0.3113 ± 0.0163
fraction	0.6714 ± 0.0277
mean2	-0.03816 ± 0.00288
sigma2	0.111 ± 0.004
p0	6.821e-08 ± 2.248e-02
p1	-3.314 ± 0.358
p2	-0.7089 ± 0.1054
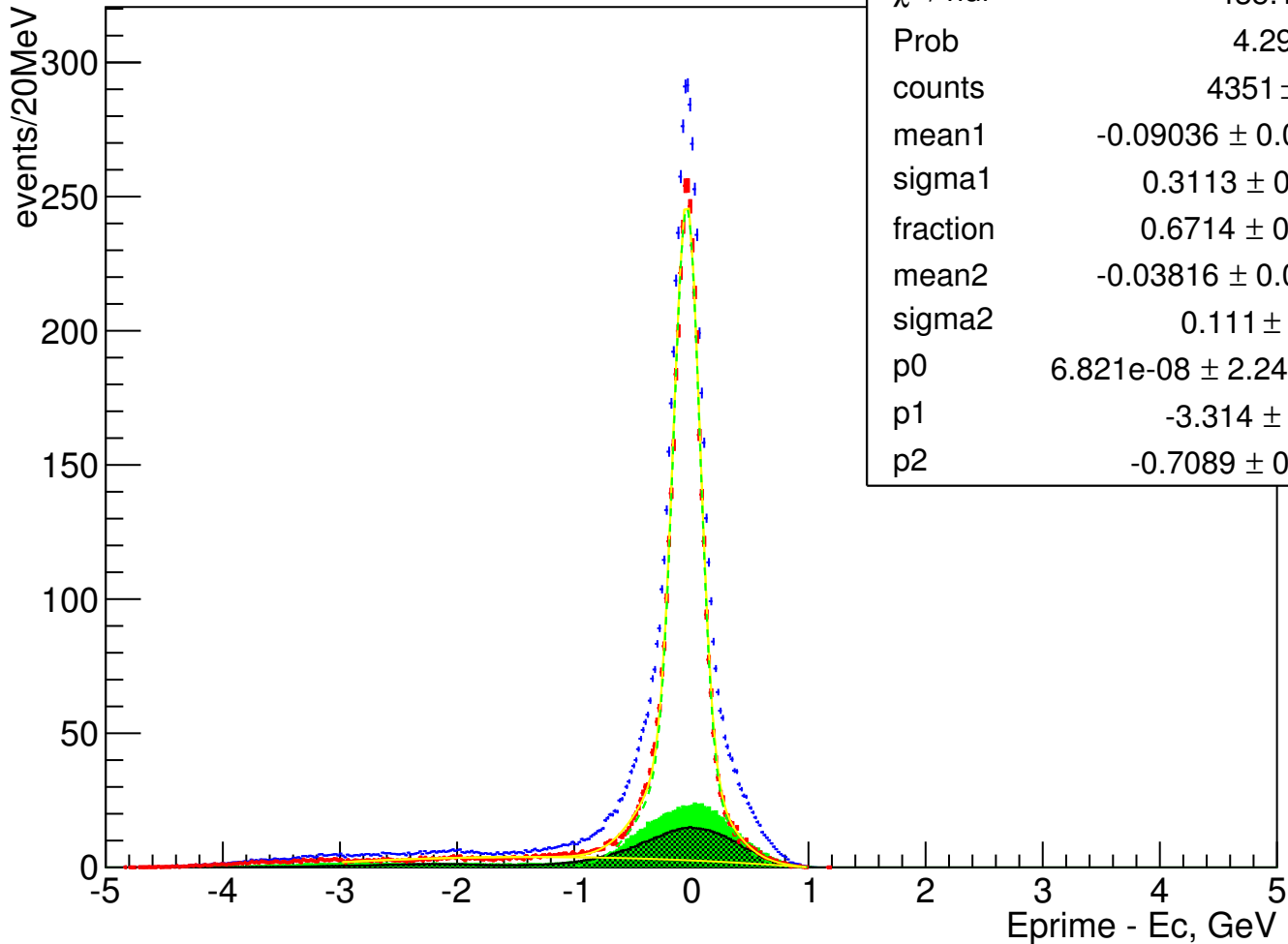
Eprime-Ec run 64867 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	504.5 / 191
Prob	3.99e-30
counts	4330 ± 74.3
mean1	-0.09155 ± 0.01148
sigma1	0.2994 ± 0.0192
fraction	0.6519 ± 0.0322
mean2	-0.03846 ± 0.00305
sigma2	0.1086 ± 0.0042
p0	0.1479 ± 0.3372
p1	-3.219 ± 0.408
p2	-0.6898 ± 0.1098
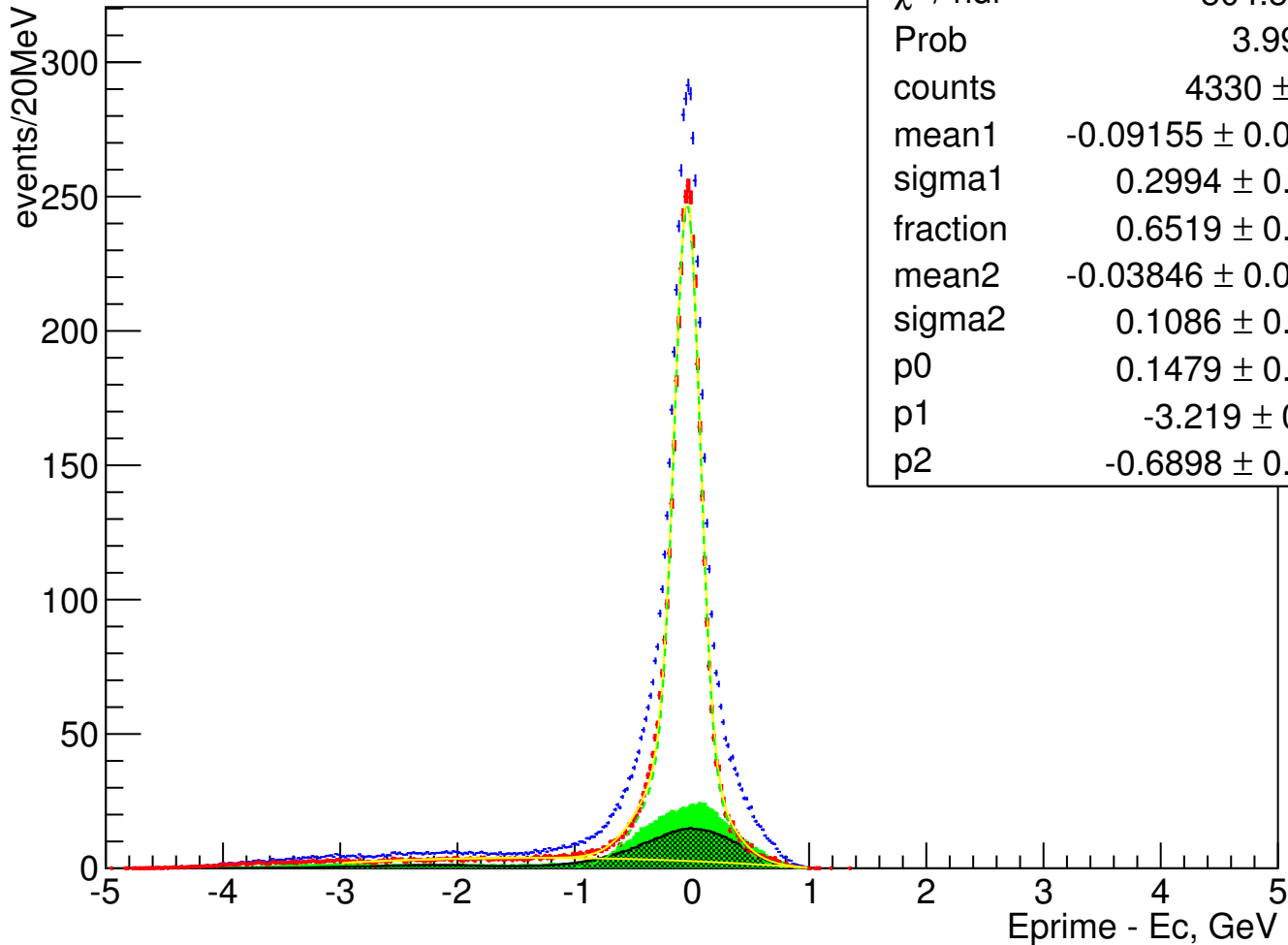
Eprime-Ec run 64868 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	447.9 / 191
Prob	1.11e-22
counts	4384 ± 74.0
mean1	-0.09244 ± 0.01204
sigma1	0.3117 ± 0.0190
fraction	0.6688 ± 0.0293
mean2	-0.04266 ± 0.00292
sigma2	0.1108 ± 0.0039
p0	0.07263 ± 0.27051
p1	-3.131 ± 0.384
p2	-0.6652 ± 0.1071
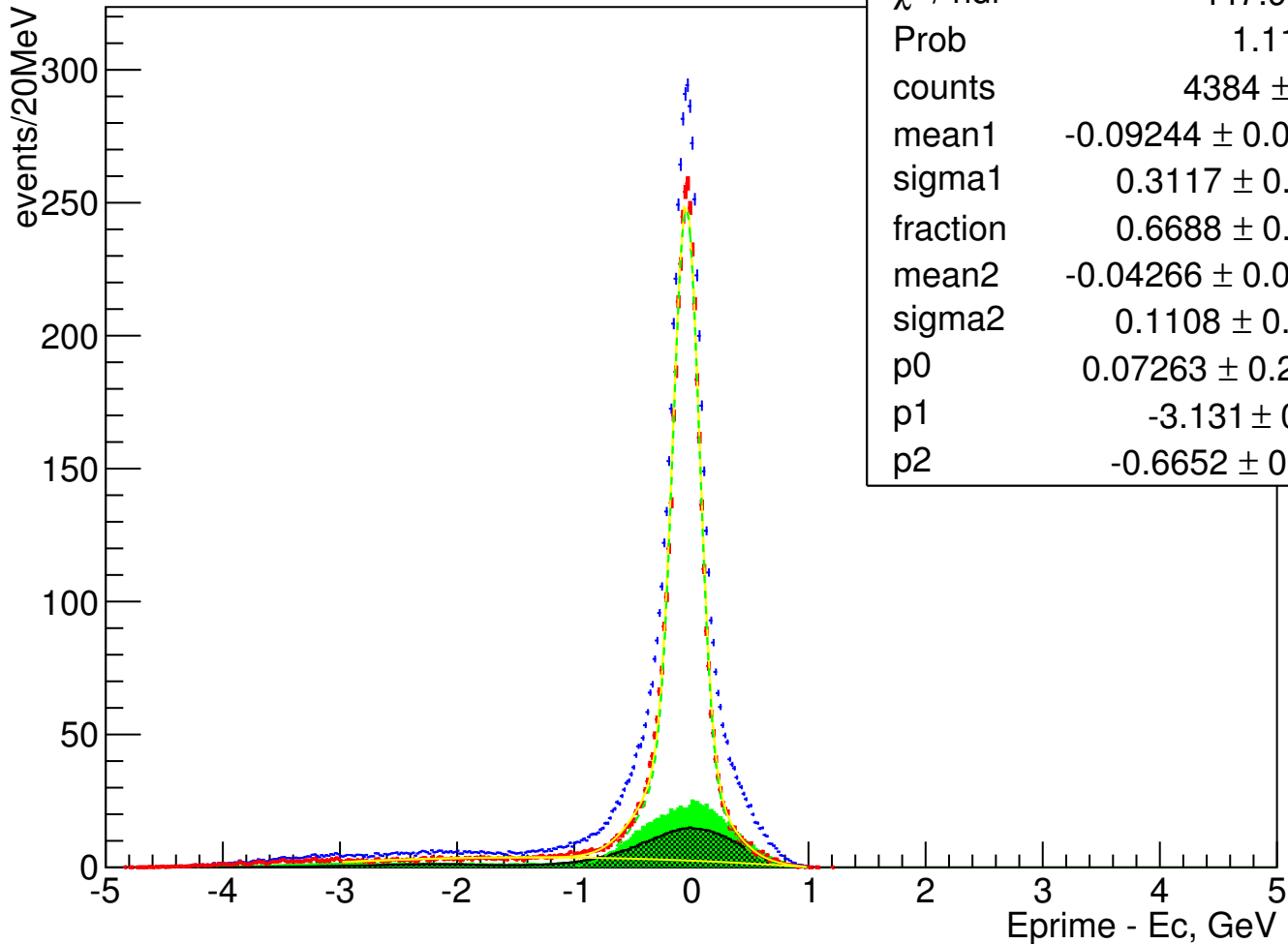
Eprime-Ec run 64869 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	432.4 / 191
Prob	9.337e-21
counts	4337 ± 70.9
mean1	-0.09106 ± 0.01086
sigma1	0.3101 ± 0.0137
fraction	0.6681 ± 0.0245
mean2	-0.04126 ± 0.00285
sigma2	0.1103 ± 0.0034
p0	1.754e-07 ± 6.160e+01
p1	-3.153 ± 0.347
p2	-0.6612 ± 0.1029
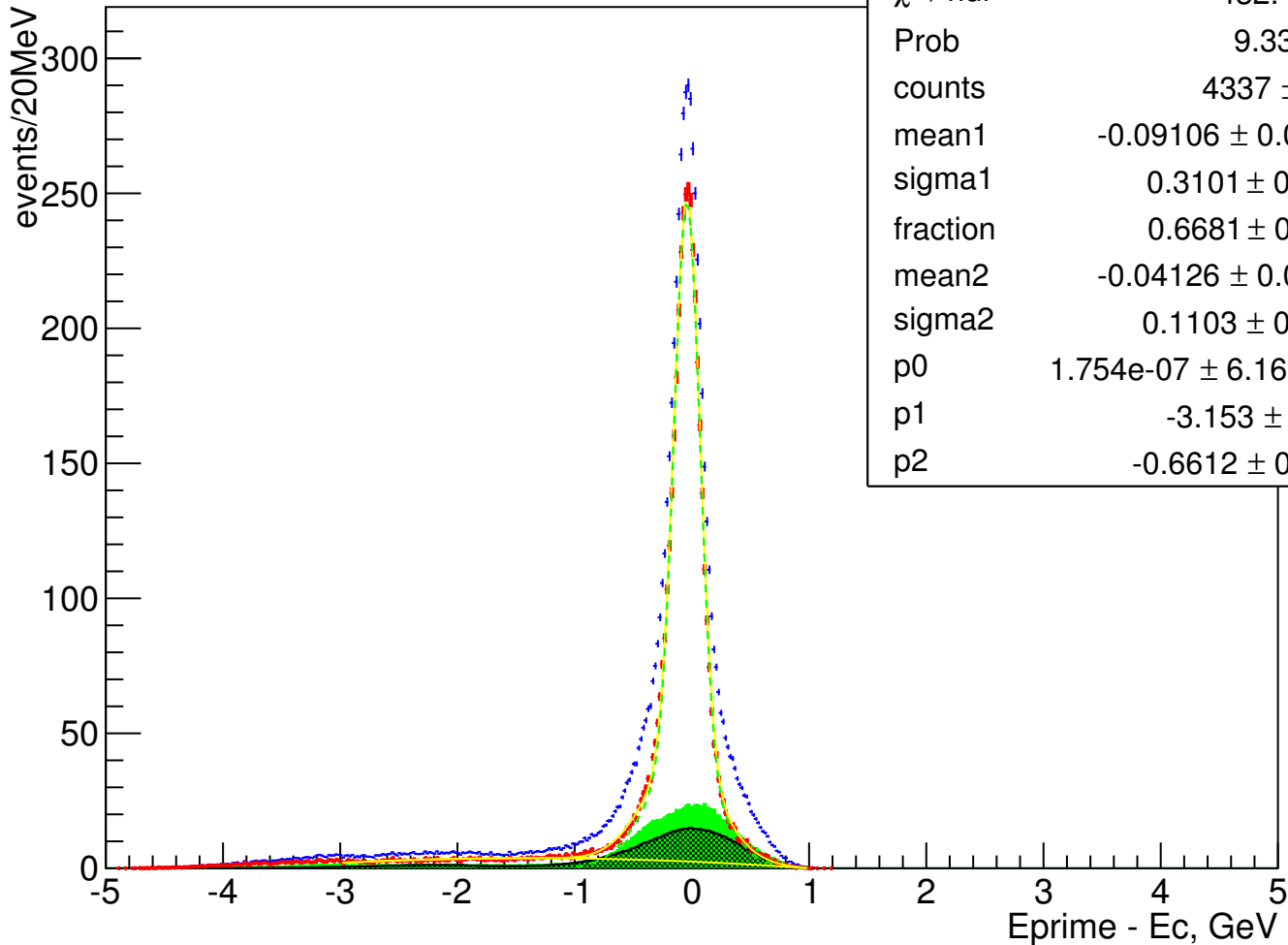
Eprime-Ec run 64870 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters
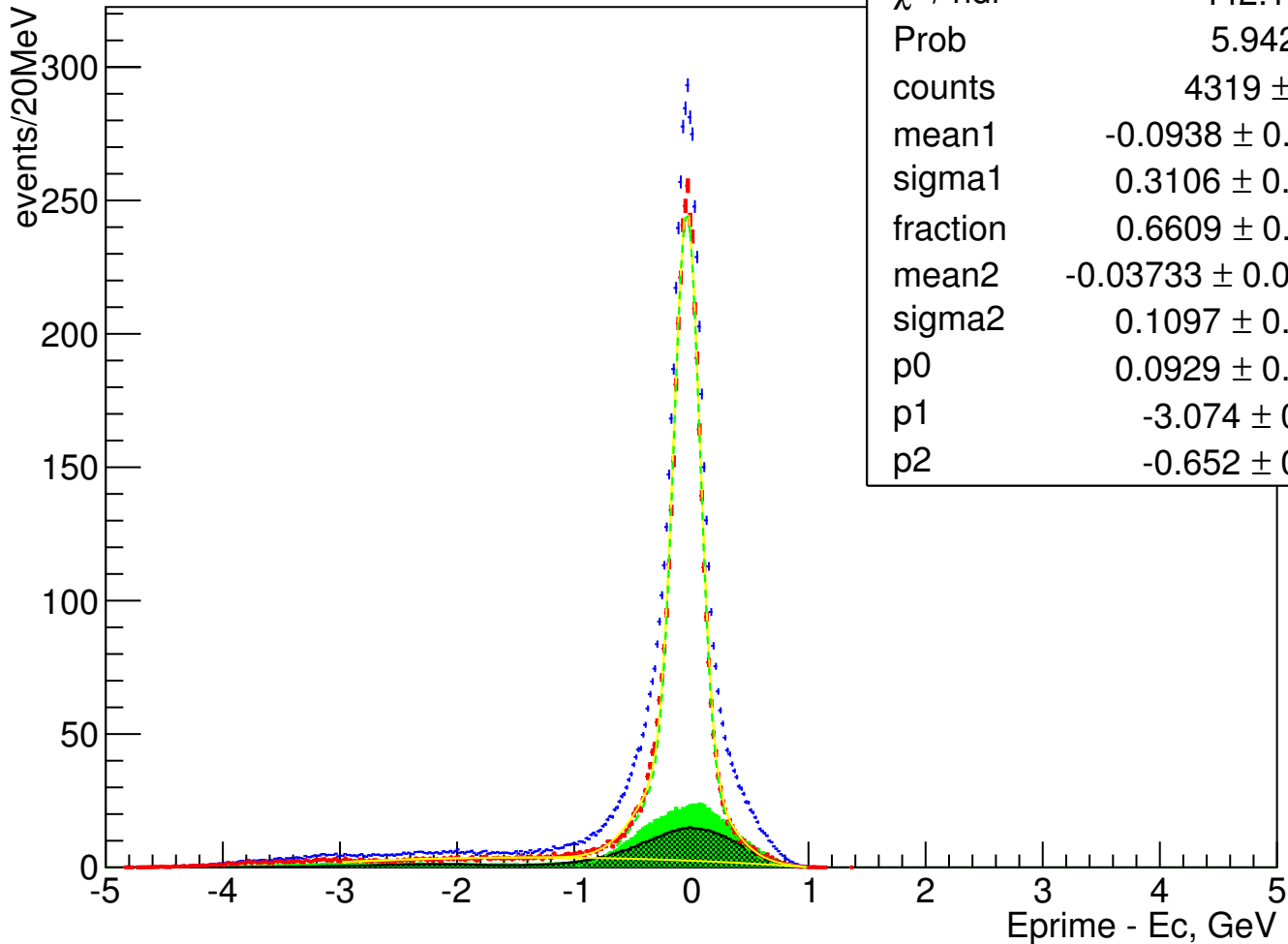
χ² / ndf	442.1 / 191
Prob	5.942e-22
counts	4319 ± 73.8
mean1	-0.0938 ± 0.0120
sigma1	0.3106 ± 0.0189
fraction	0.6609 ± 0.0293
mean2	-0.03733 ± 0.00298
sigma2	0.1097 ± 0.0039
p0	0.0929 ± 0.3017
p1	-3.074 ± 0.388
p2	-0.652 ± 0.106

Eprime-Ec run 64871 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	449.8 / 191
Prob	6.218e-23
counts	4369 ± 74.8
mean1	-0.101 ± 0.013
sigma1	0.3219 ± 0.0201
fraction	0.6824 ± 0.0270
mean2	-0.04255 ± 0.00290
sigma2	0.1114 ± 0.0037
p0	0.04175 ± 0.54465
p1	-2.942 ± 0.396
p2	-0.5957 ± 0.1104
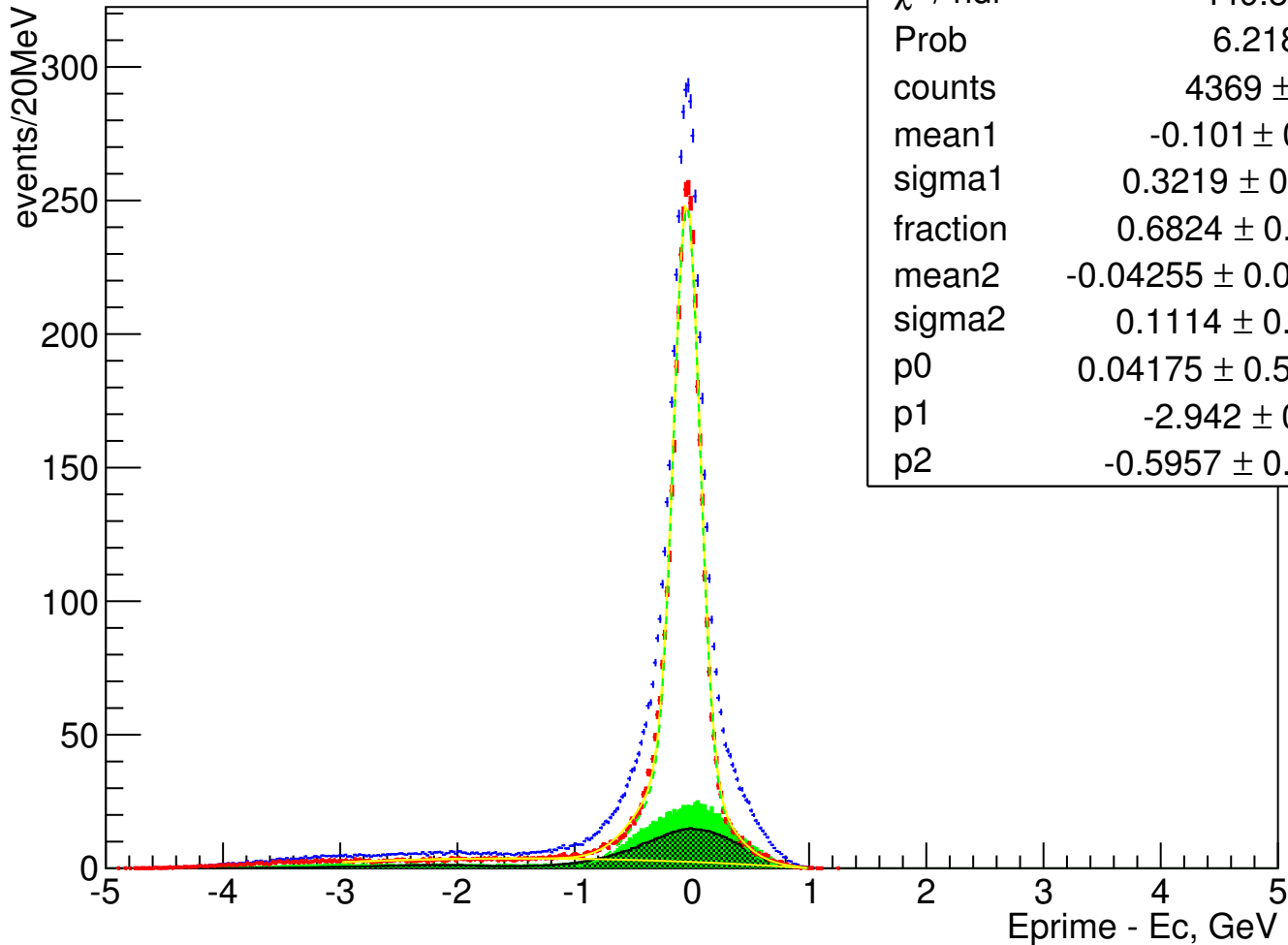
Eprime-Ec run 64872 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	534.3 / 191
Prob	2.993e-34
counts	4359 ± 72.0
mean1	-0.09636 ± 0.01237
sigma1	0.317 ± 0.017
fraction	0.6687 ± 0.0270
mean2	-0.04168 ± 0.00287
sigma2	0.1105 ± 0.0037
p0	2.679e-08 ± 3.410e-01
p1	-3.079 ± 0.365
p2	-0.6391 ± 0.1080
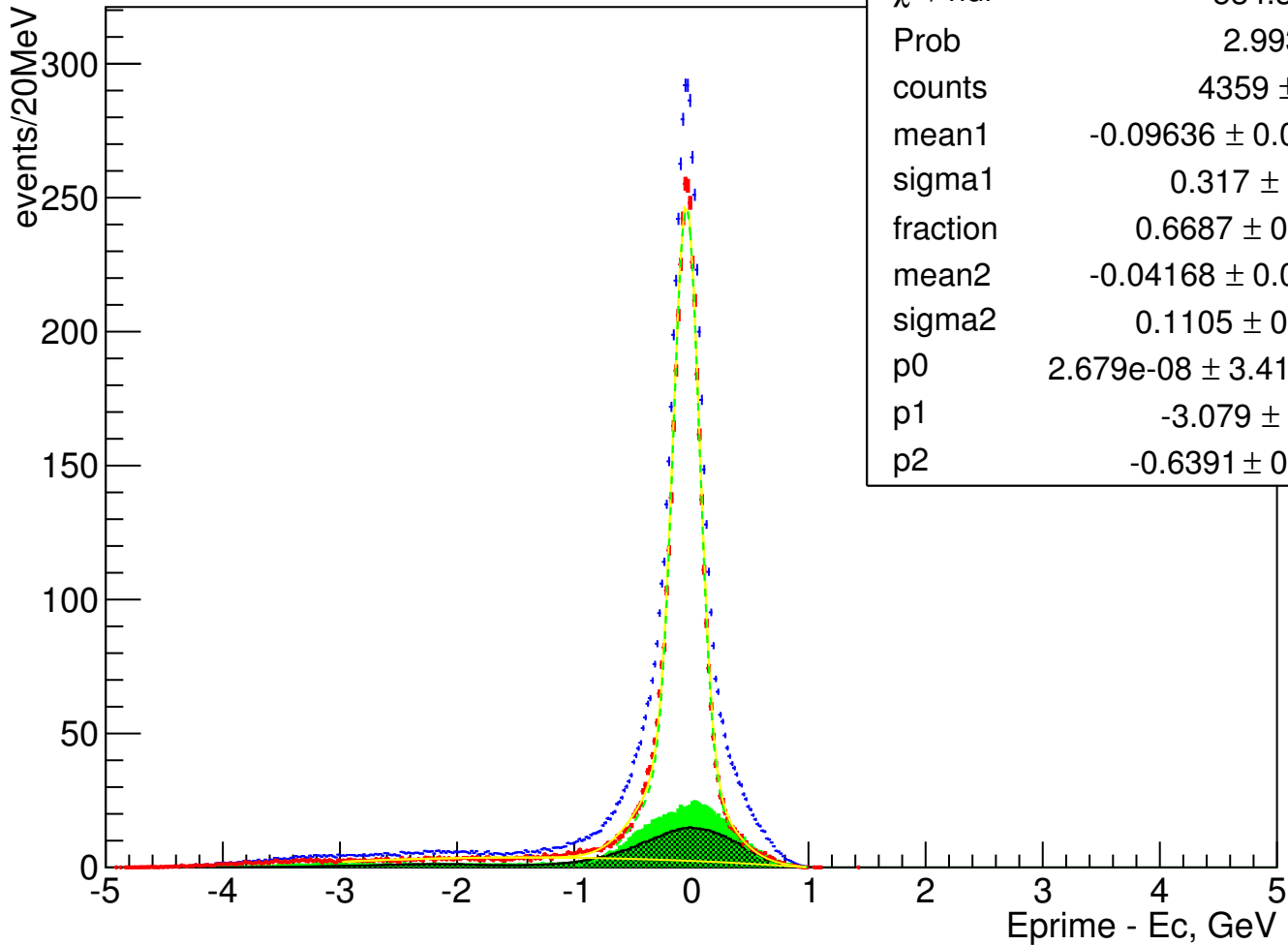
Eprime-Ec run 64873 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	196.1 / 191
Prob	0.3845
counts	4342 ± 72.5
mean1	-0.0961 ± 0.0137
sigma1	0.3157 ± 0.0180
fraction	0.6734 ± 0.0294
mean2	-0.04088 ± 0.00279
sigma2	0.1098 ± 0.0041
p0	1.343e-07 ± 1.946e-02
p1	-3.268 ± 0.373
p2	-0.7301 ± 0.1091
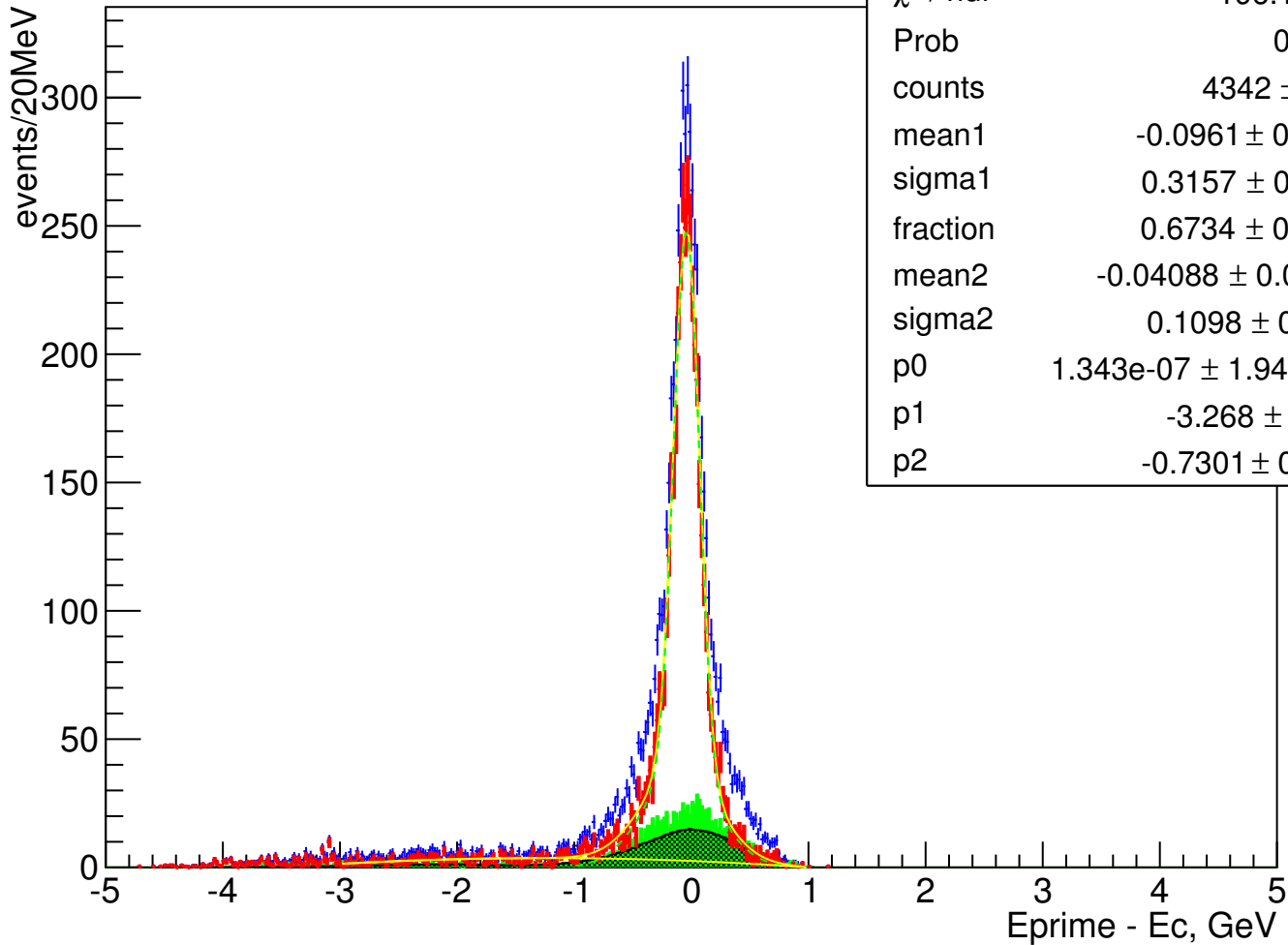
Eprime-Ec run 64874 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters
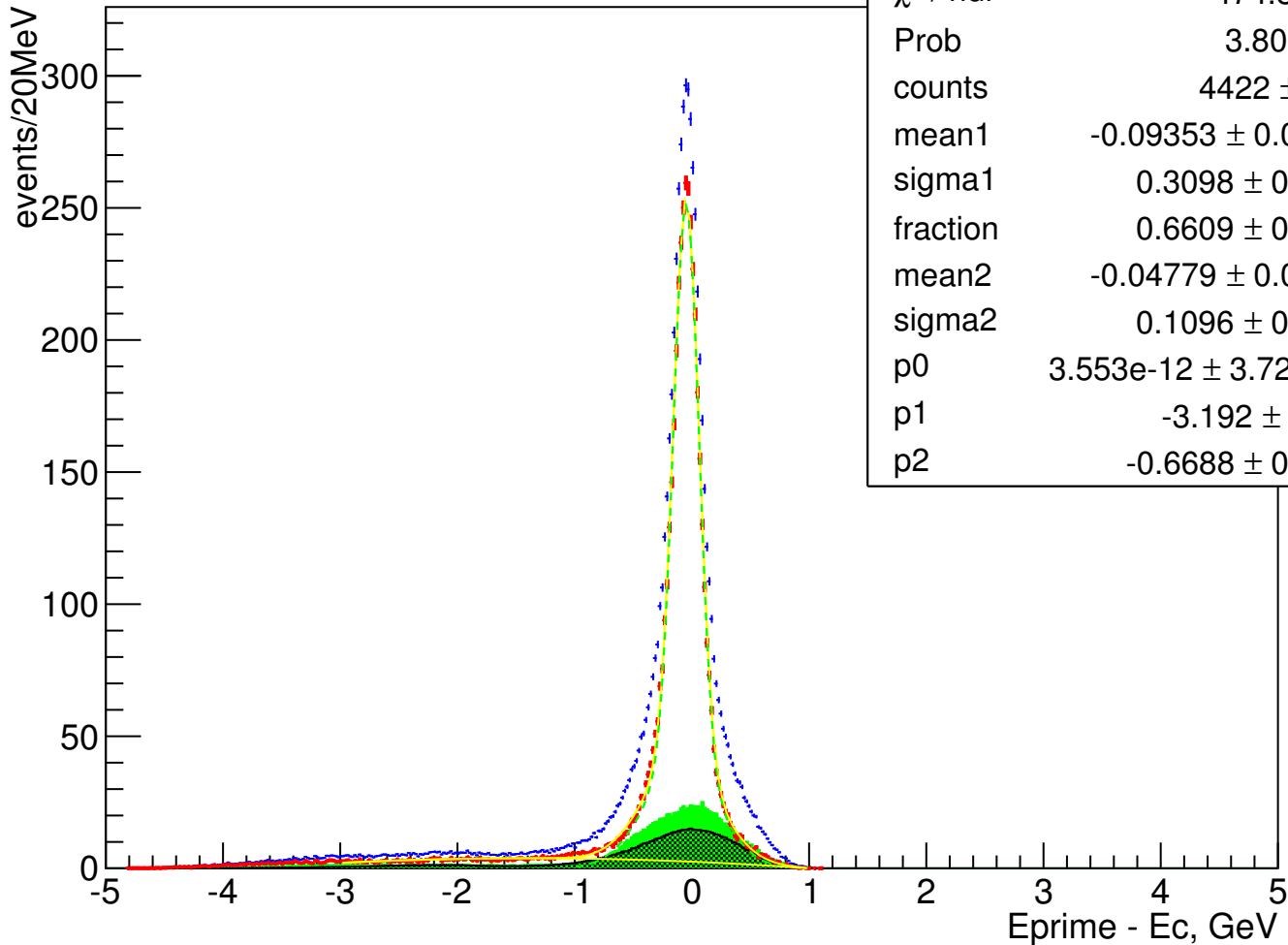
χ² / ndf	474.8 / 191
Prob	3.803e-26
counts	4422 ± 72.2
mean1	-0.09353 ± 0.01154
sigma1	0.3098 ± 0.0159
fraction	0.6609 ± 0.0279
mean2	-0.04779 ± 0.00286
sigma2	0.1096 ± 0.0037
p0	3.553e-12 ± 3.726e-01
p1	-3.192 ± 0.360
p2	-0.6688 ± 0.1062

Eprime-Ec run 64875 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters
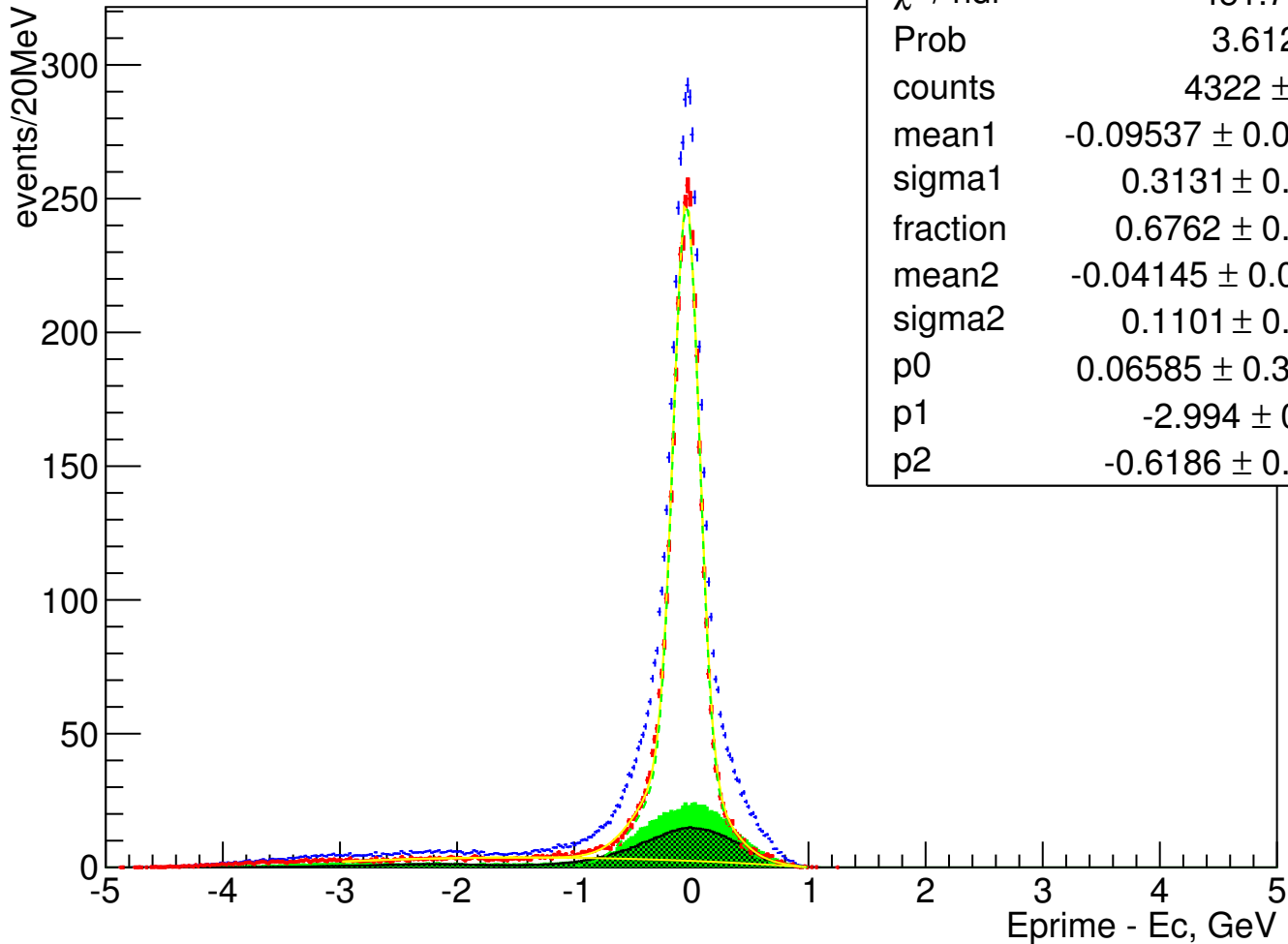
χ^2 / ndf	451.7 / 191
Prob	3.612e-23
counts	4322 ± 74.3
mean1	-0.09537 ± 0.01239
sigma1	0.3131 ± 0.0202
fraction	0.6762 ± 0.0287
mean2	-0.04145 ± 0.00291
sigma2	0.1101 ± 0.0038
p0	0.06585 ± 0.34852
p1	-2.994 ± 0.395
p2	-0.6186 ± 0.1097

Eprime-Ec run 64887 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	473.2 / 191
Prob	6.155e-26
counts	4236 ± 71.3
mean1	-0.09428 ± 0.01344
sigma1	0.3173 ± 0.0179
fraction	0.6864 ± 0.0274
mean2	-0.03118 ± 0.00289
sigma2	0.1117 ± 0.0037
p0	2.235e-07 ± 6.405e+01
p1	-3.119 ± 0.363
p2	-0.656 ± 0.107
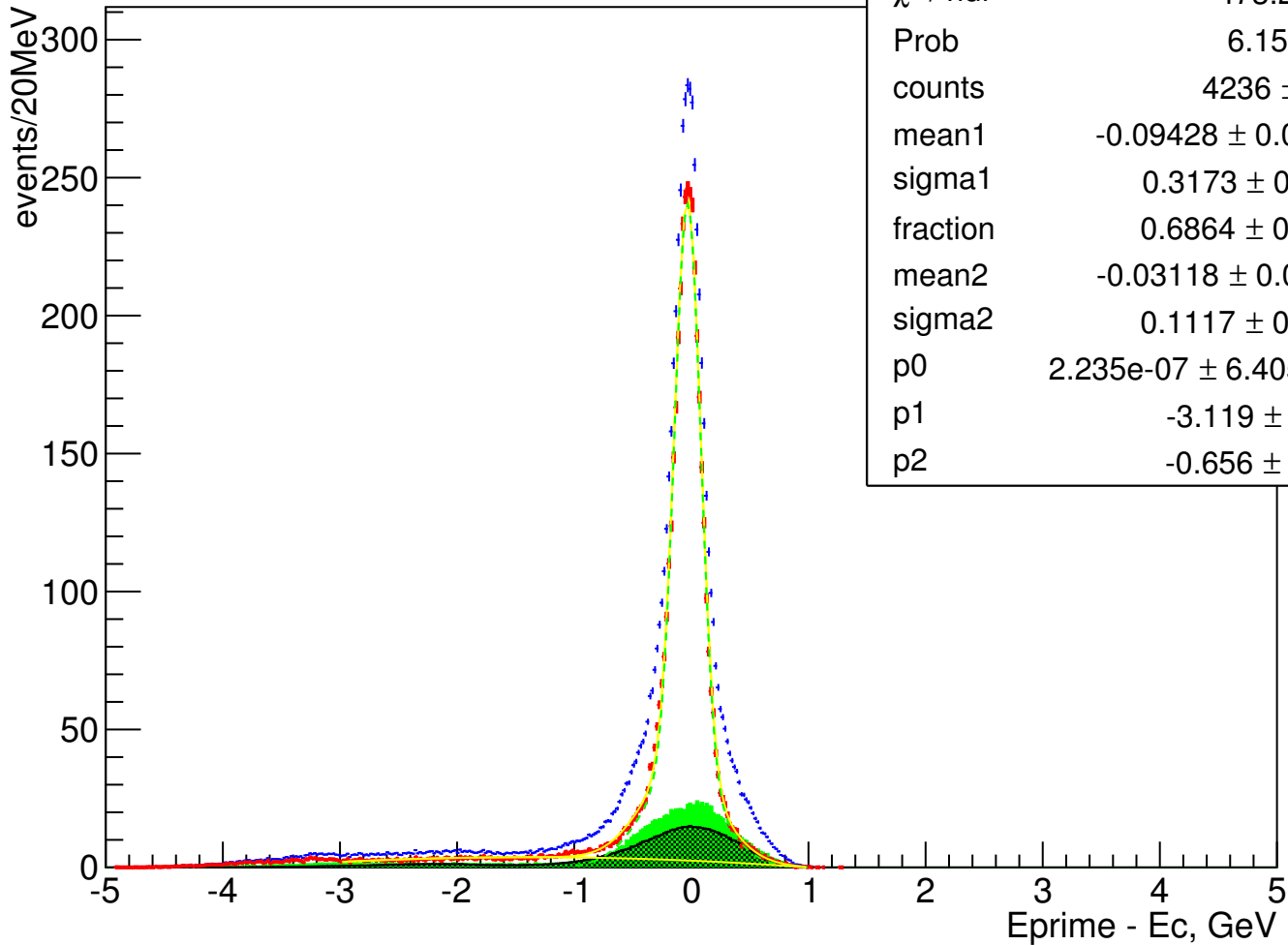
Eprime-Ec run 64888 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	292.3 / 191
Prob	3.277e-06
counts	4273 ± 70.1
mean1	-0.06045 ± 0.01118
sigma1	0.3035 ± 0.0160
fraction	0.671 ± 0.030
mean2	-0.04366 ± 0.00295
sigma2	0.113 ± 0.004
p0	5.205e-07 ± 3.468e-02
p1	-3.62 ± 0.34
p2	-0.7936 ± 0.1006
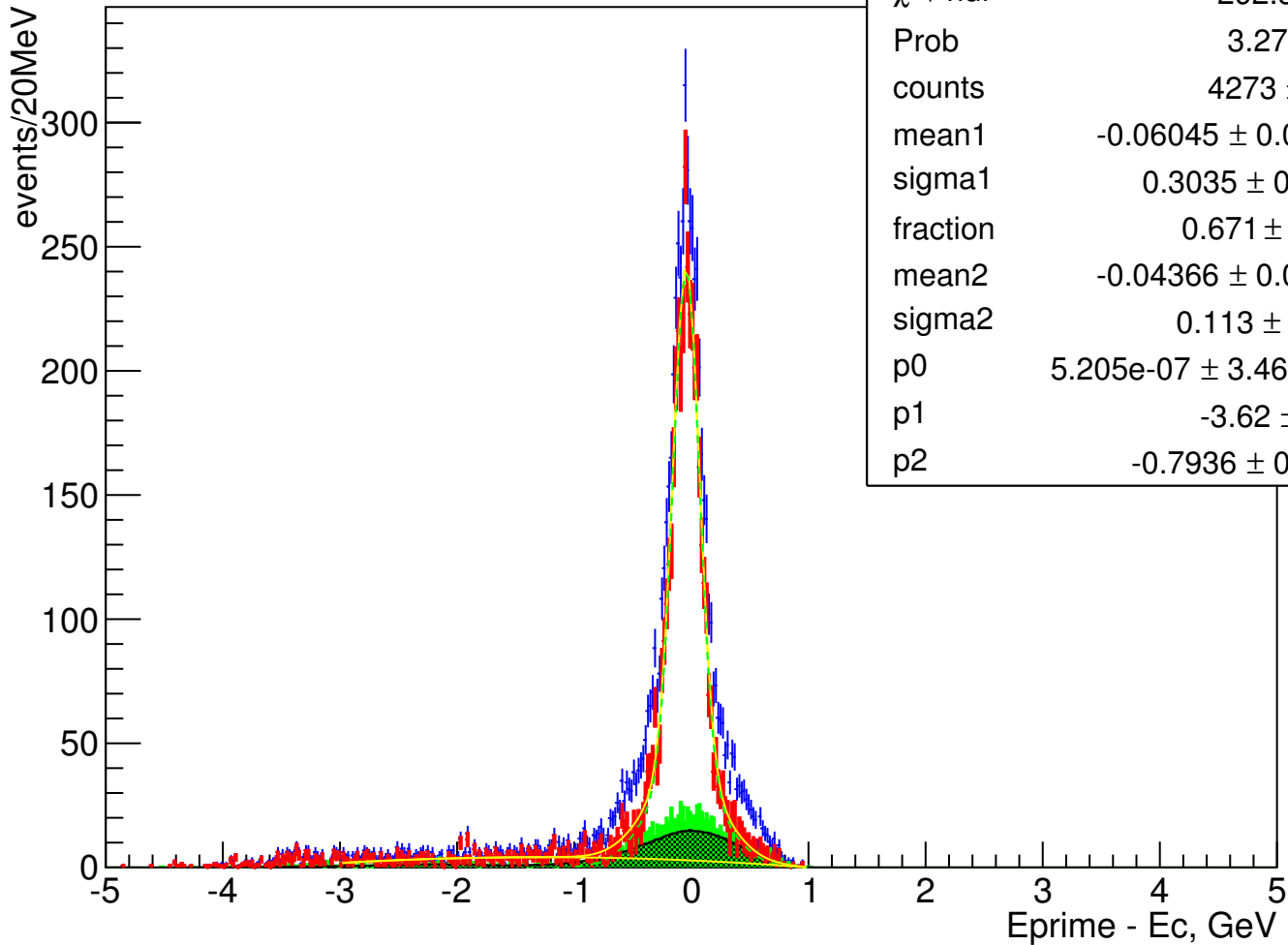
Eprime-Ec run 64889 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	397.6 / 191
Prob	1.295e-16
counts	4491 ± 75.5
mean1	-0.1045 ± 0.0122
sigma1	0.3185 ± 0.0199
fraction	0.6789 ± 0.0271
mean2	-0.06092 ± 0.00283
sigma2	0.1113 ± 0.0037
p0	0.1122 ± 0.3077
p1	-3.092 ± 0.398
p2	-0.6616 ± 0.1092
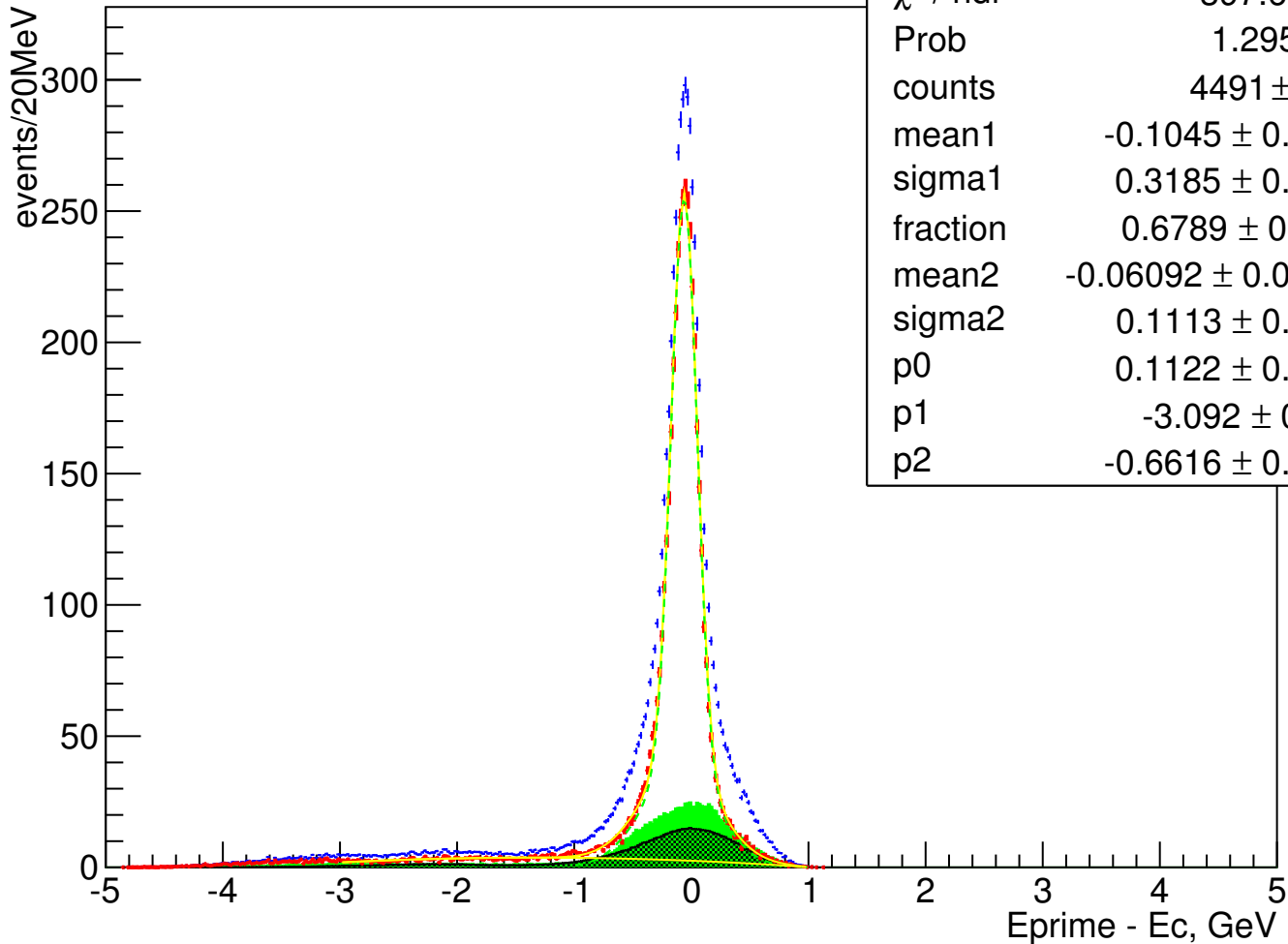
Eprime-Ec run 64890 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	406.8 / 191
Prob	1.1e-17
counts	4328 ± 73.5
mean1	-0.09721 ± 0.01244
sigma1	0.311 ± 0.019
fraction	0.6772 ± 0.0290
mean2	-0.04506 ± 0.00288
sigma2	0.1104 ± 0.0038
p0	0.09744 ± 0.26309
p1	-3.178 ± 0.384
p2	-0.6801 ± 0.1071

events/20MeV
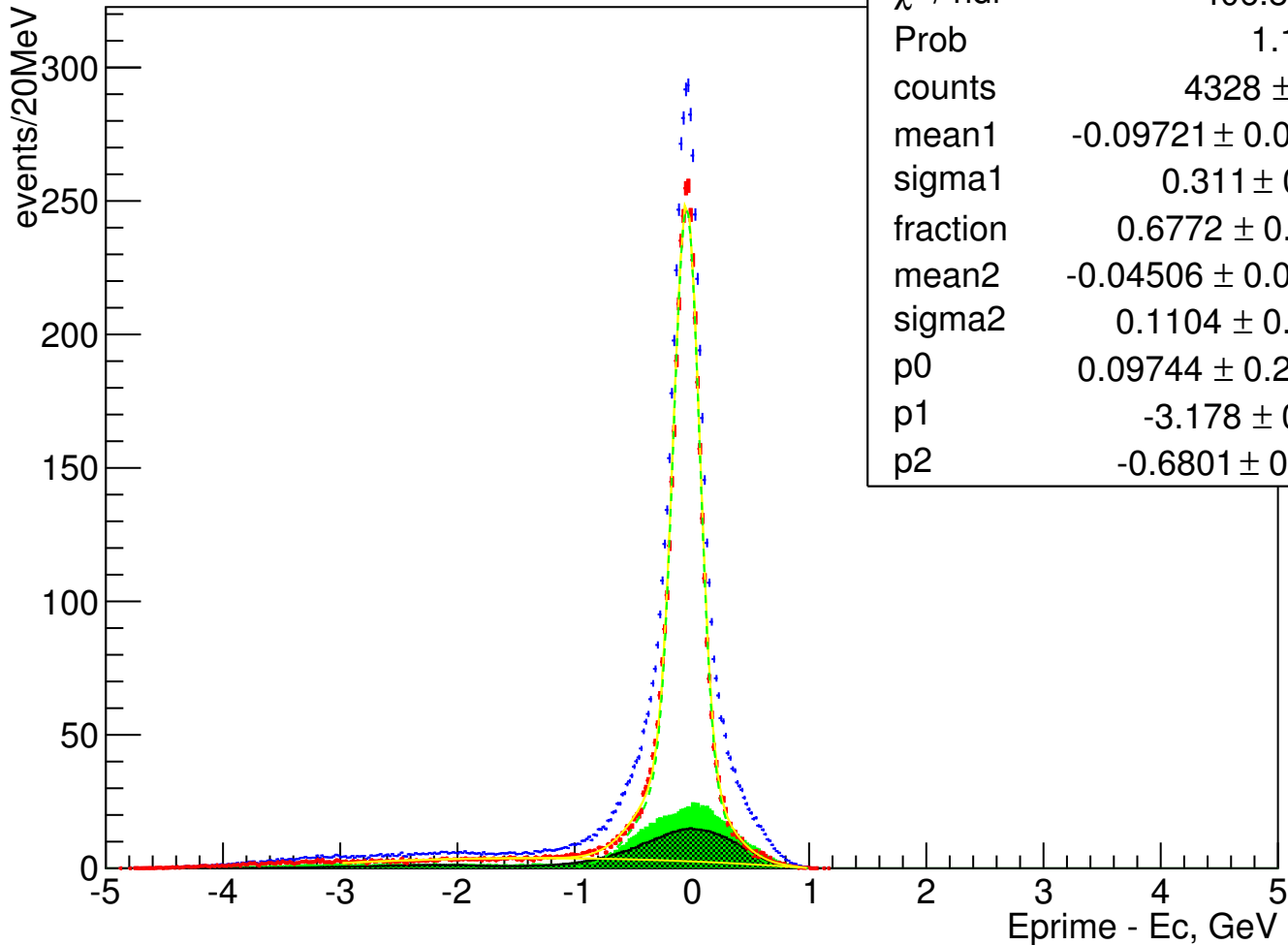
Eprime - Ec, GeV

Eprime-Ec run 64891 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	437.3 / 191
Prob	2.334e-21
counts	4431 ± 71.8
mean1	-0.09977 ± 0.01199
sigma1	0.315 ± 0.016
fraction	0.6728 ± 0.0269
mean2	-0.05078 ± 0.00282
sigma2	0.11 ± 0.00
p0	3.965e-07 ± 1.856e-02
p1	-2.947 ± 0.355
p2	-0.6135 ± 0.1042
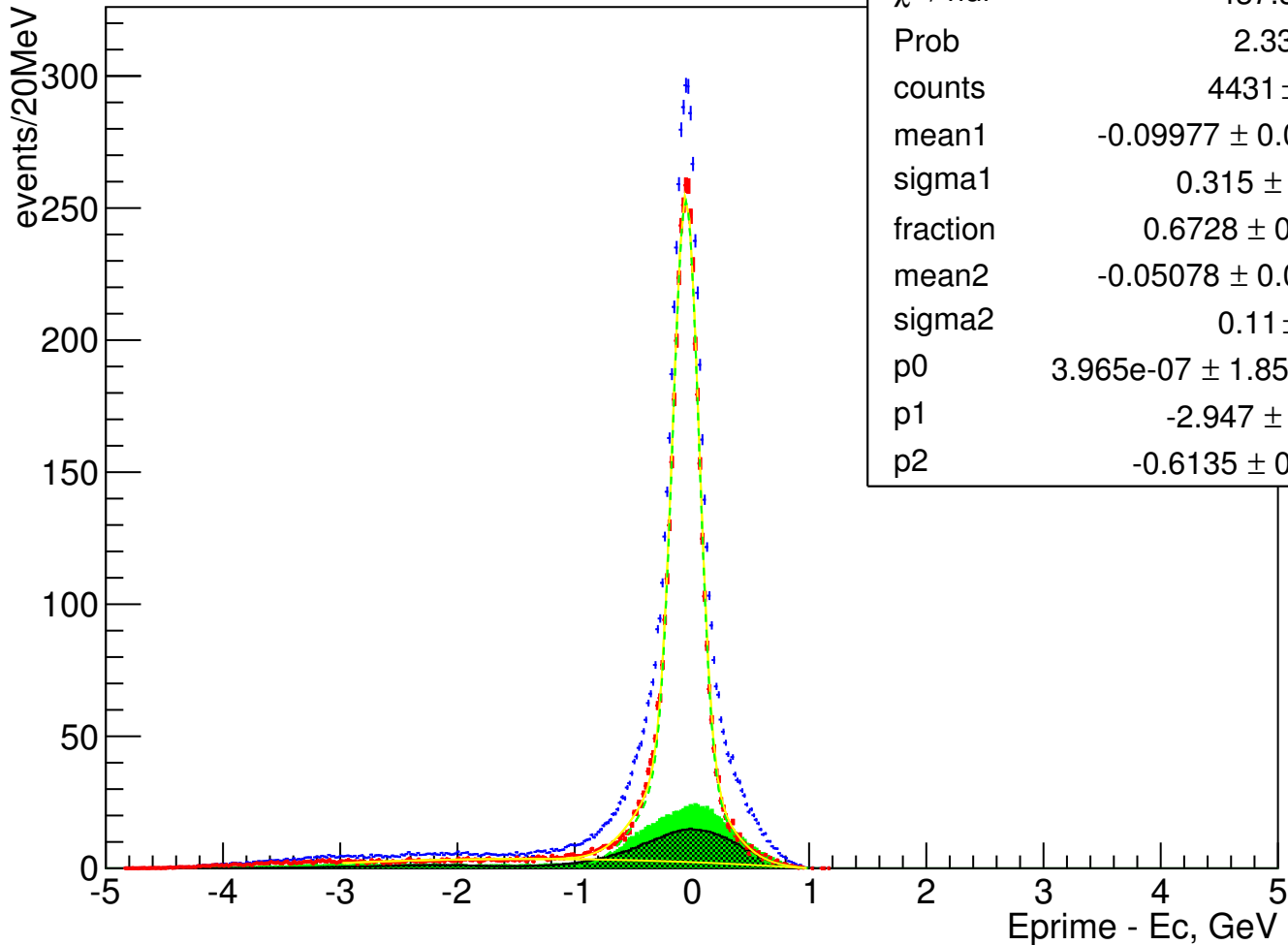
Eprime-Ec run 64892 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	484.3 / 191
Prob	2.076e-27
counts	4448 $\pm$ 72.8
mean1	-0.102 $\pm$ 0.013
sigma1	0.3263 $\pm$ 0.0174
fraction	0.6892 $\pm$ 0.0258
mean2	-0.05297 $\pm$ 0.00279
sigma2	0.1125 $\pm$ 0.0036
p0	2.844e-07 $\pm$ 2.230e+00
p1	-3.169 $\pm$ 0.366
p2	-0.6771 $\pm$ 0.1076

events/20MeV
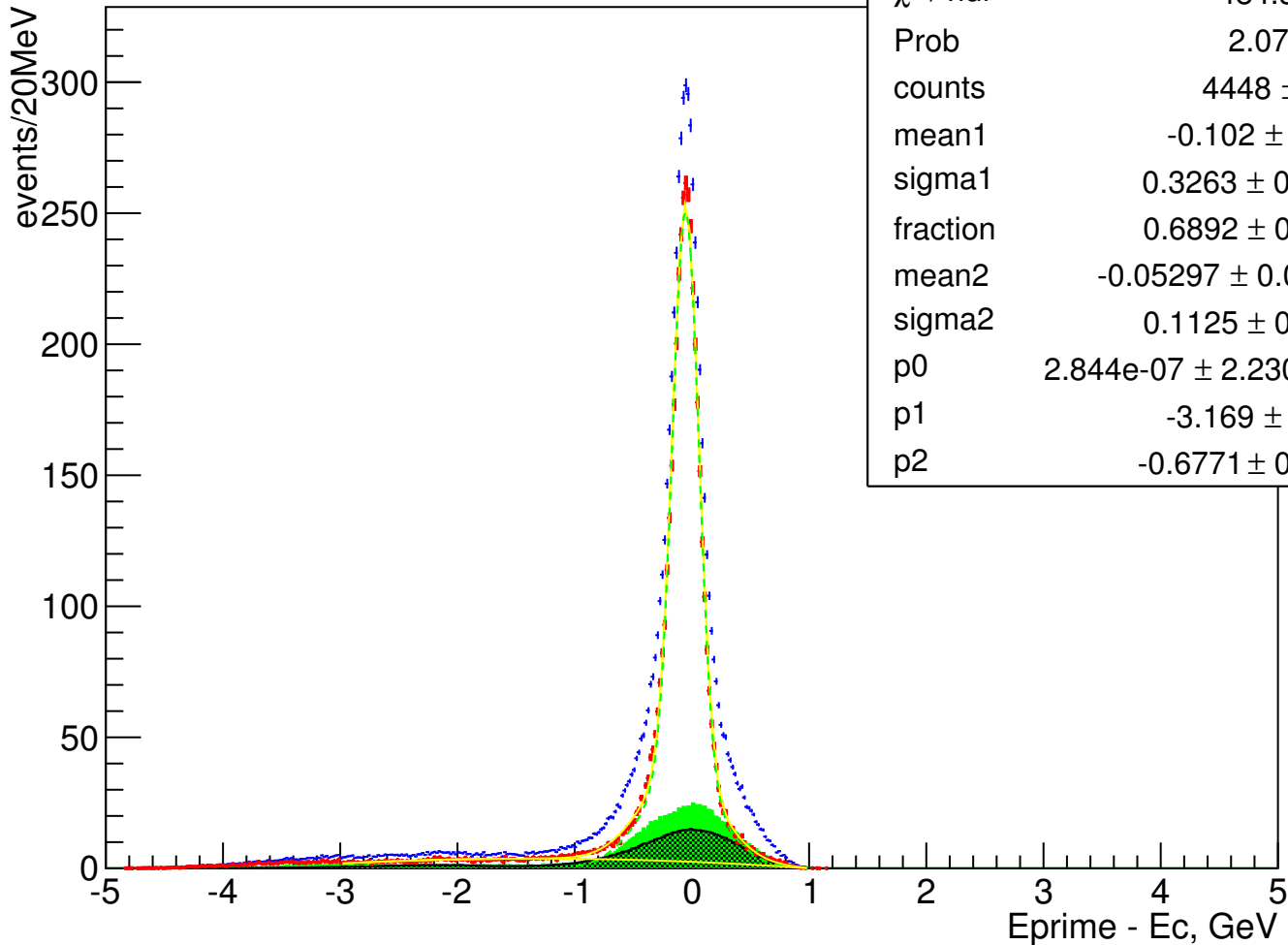
Eprime - Ec, GeV

Eprime-Ec run 64893 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	422.1 / 191
Prob	1.705e-19
counts	4320 ± 73.1
mean1	-0.09371 ± 0.01170
sigma1	0.3016 ± 0.0183
fraction	0.6585 ± 0.0305
mean2	-0.04047 ± 0.00296
sigma2	0.1087 ± 0.0040
p0	0.09094 ± 0.27153
p1	-3.111 ± 0.385
p2	-0.6664 ± 0.1064
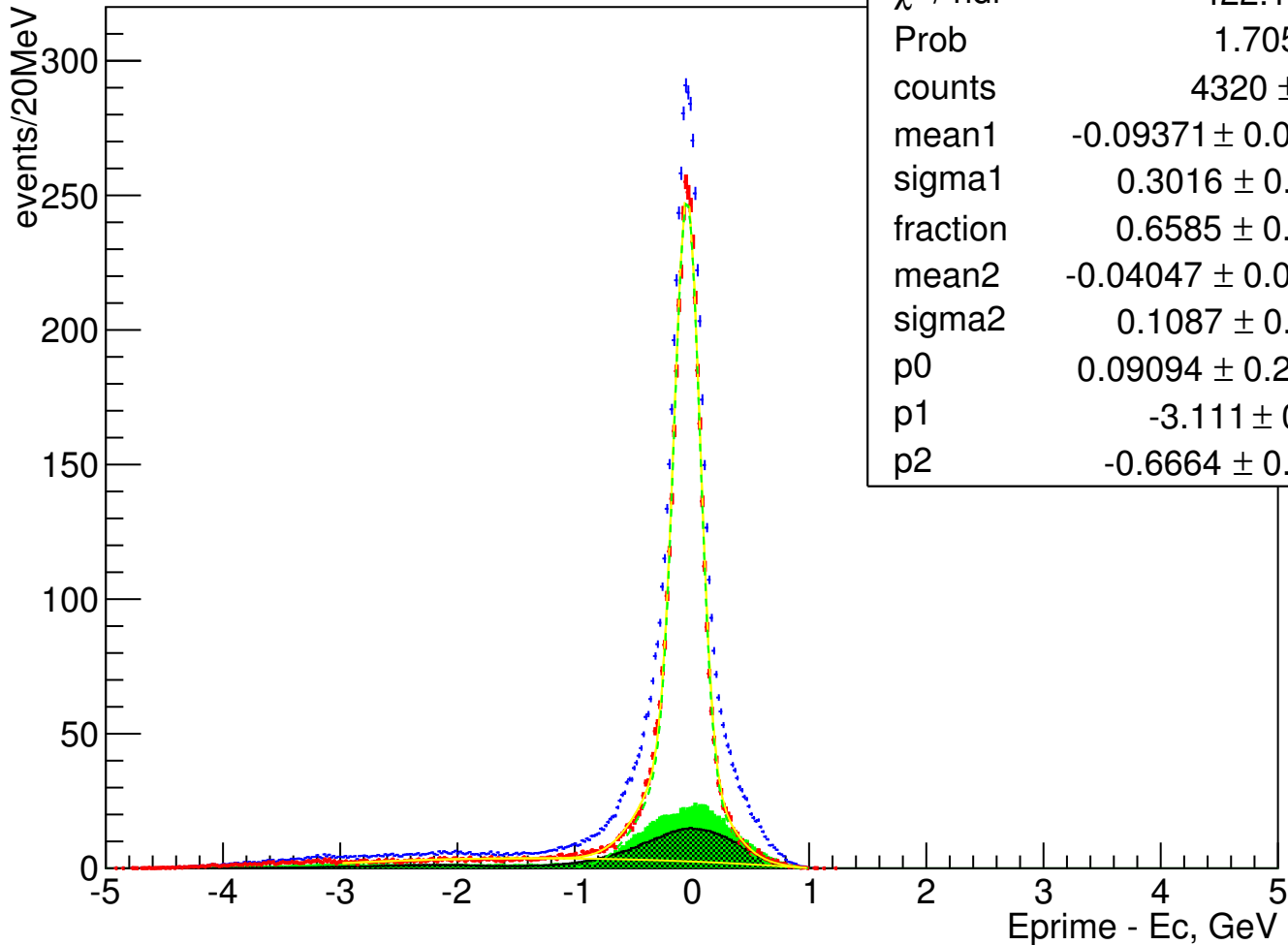
Eprime-Ec run 64894 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	520 / 191
Prob	2.971e-32
counts	4422 ± 71.8
mean1	-0.09968 ± 0.01210
sigma1	0.3184 ± 0.0164
fraction	0.6774 ± 0.0269
mean2	-0.05356 ± 0.00281
sigma2	0.1099 ± 0.0036
p0	2.014e-07 ± 2.202e-02
p1	-3.033 ± 0.364
p2	-0.6279 ± 0.1071
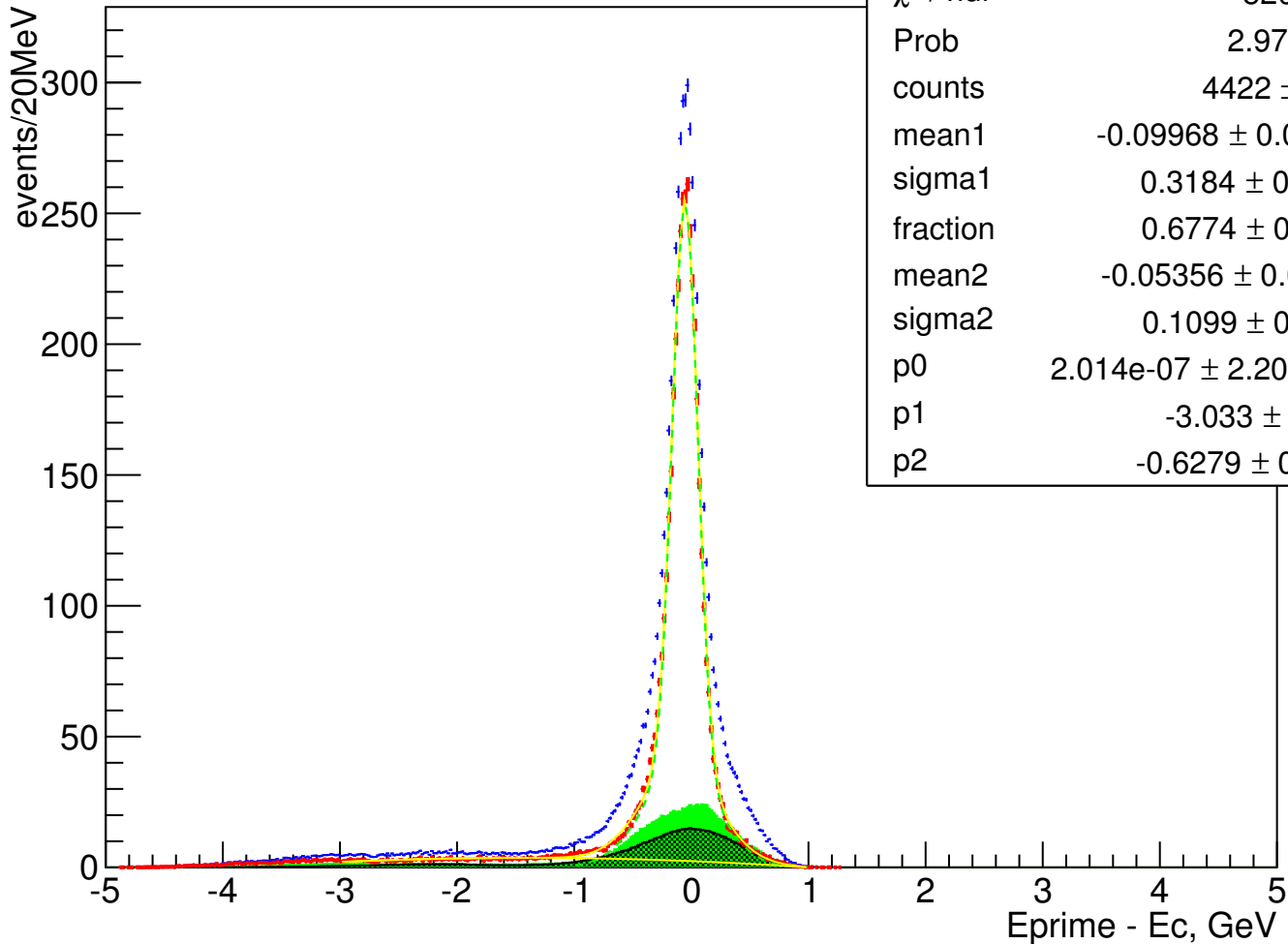
Eprime-Ec run 64896 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	515.5 / 191
Prob	1.238e-31
counts	4287 ± 73.8
mean1	-0.08895 ± 0.01236
sigma1	0.3081 ± 0.0206
fraction	0.6759 ± 0.0306
mean2	-0.03956 ± 0.00293
sigma2	0.1102 ± 0.0040
p0	0.09027 ± 0.29955
p1	-3.136 ± 0.388
p2	-0.6698 ± 0.1065
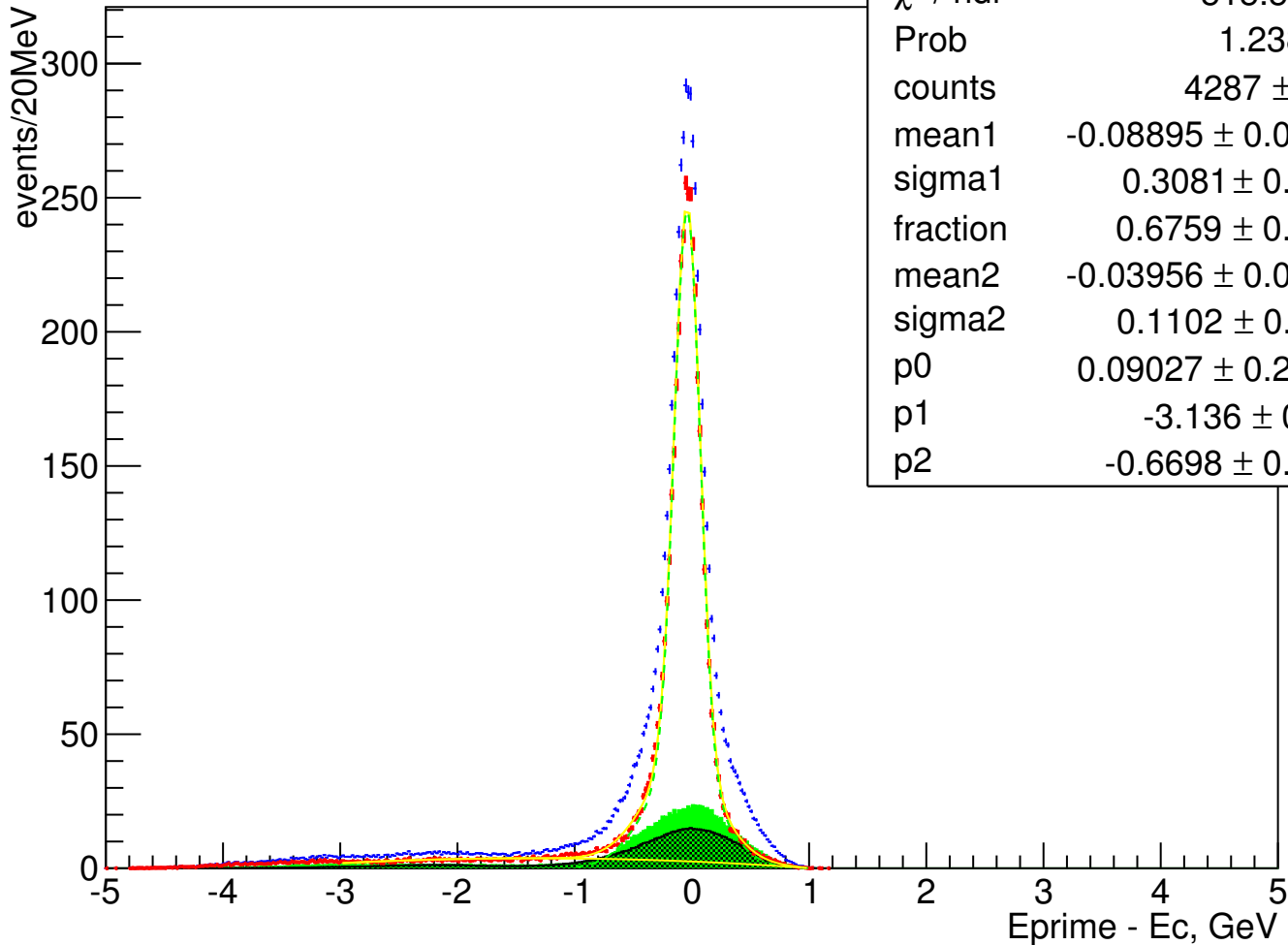
Eprime-Ec run 64897 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	418.9 / 191
Prob	4.123e-19
counts	4251 ± 73.4
mean1	-0.08801 ± 0.01272
sigma1	0.312 ± 0.020
fraction	0.6819 ± 0.0292
mean2	-0.03607 ± 0.00289
sigma2	0.1106 ± 0.0039
p0	0.09264 ± 0.30193
p1	-2.973 ± 0.391
p2	-0.6208 ± 0.1079

events/20MeV
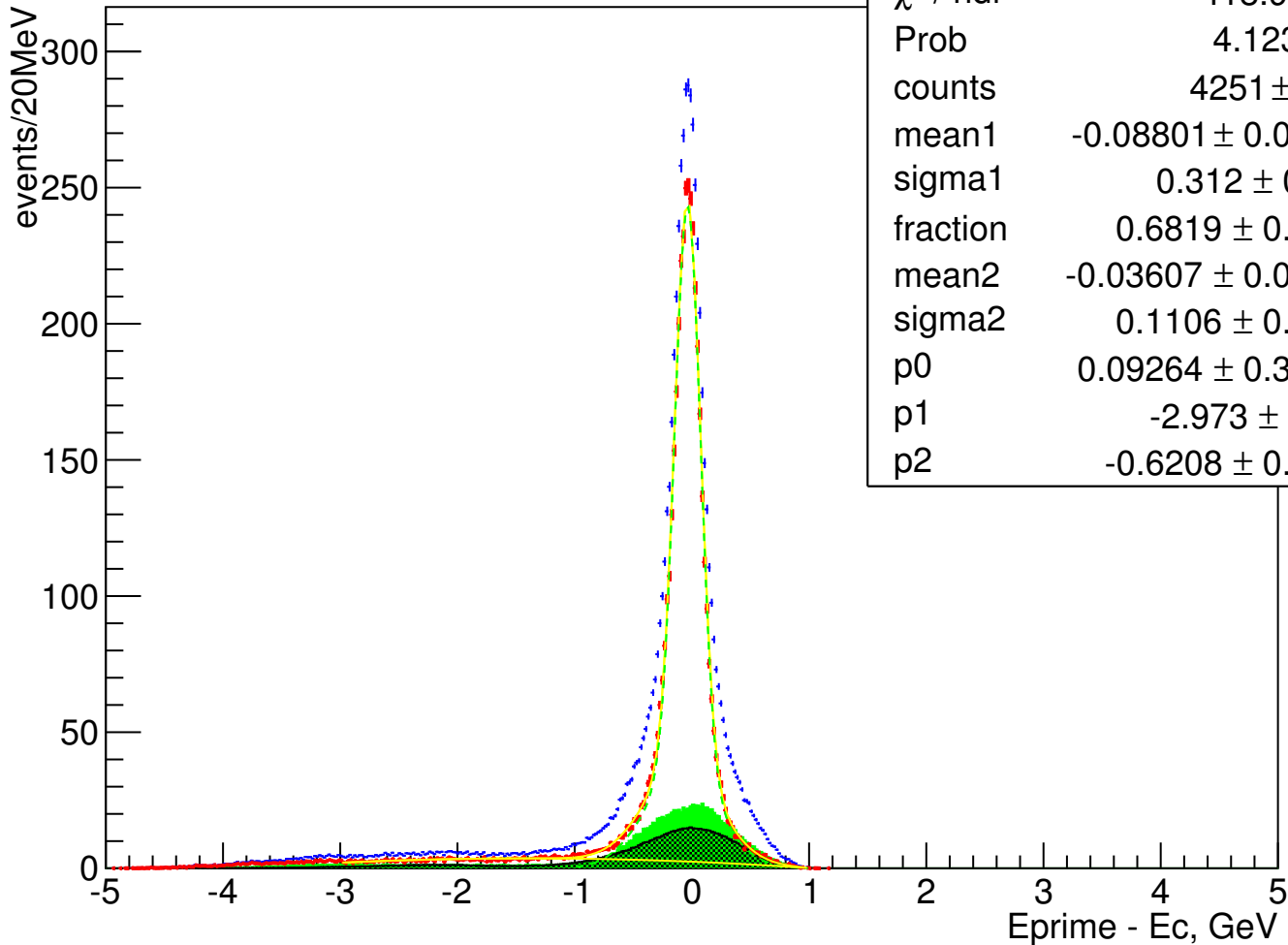
Eprime - Ec, GeV

Eprime-Ec run 64907 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	489.5 / 191
Prob	4.218e-28
counts	4418 ± 73.2
mean1	-0.1316 ± 0.0155
sigma1	0.361 ± 0.018
fraction	0.7043 ± 0.0215
mean2	-0.0496 ± 0.0027
sigma2	0.1142 ± 0.0033
p0	4.414e-09 ± 3.281e-01
p1	-3.056 ± 0.397
p2	-0.6368 ± 0.1166
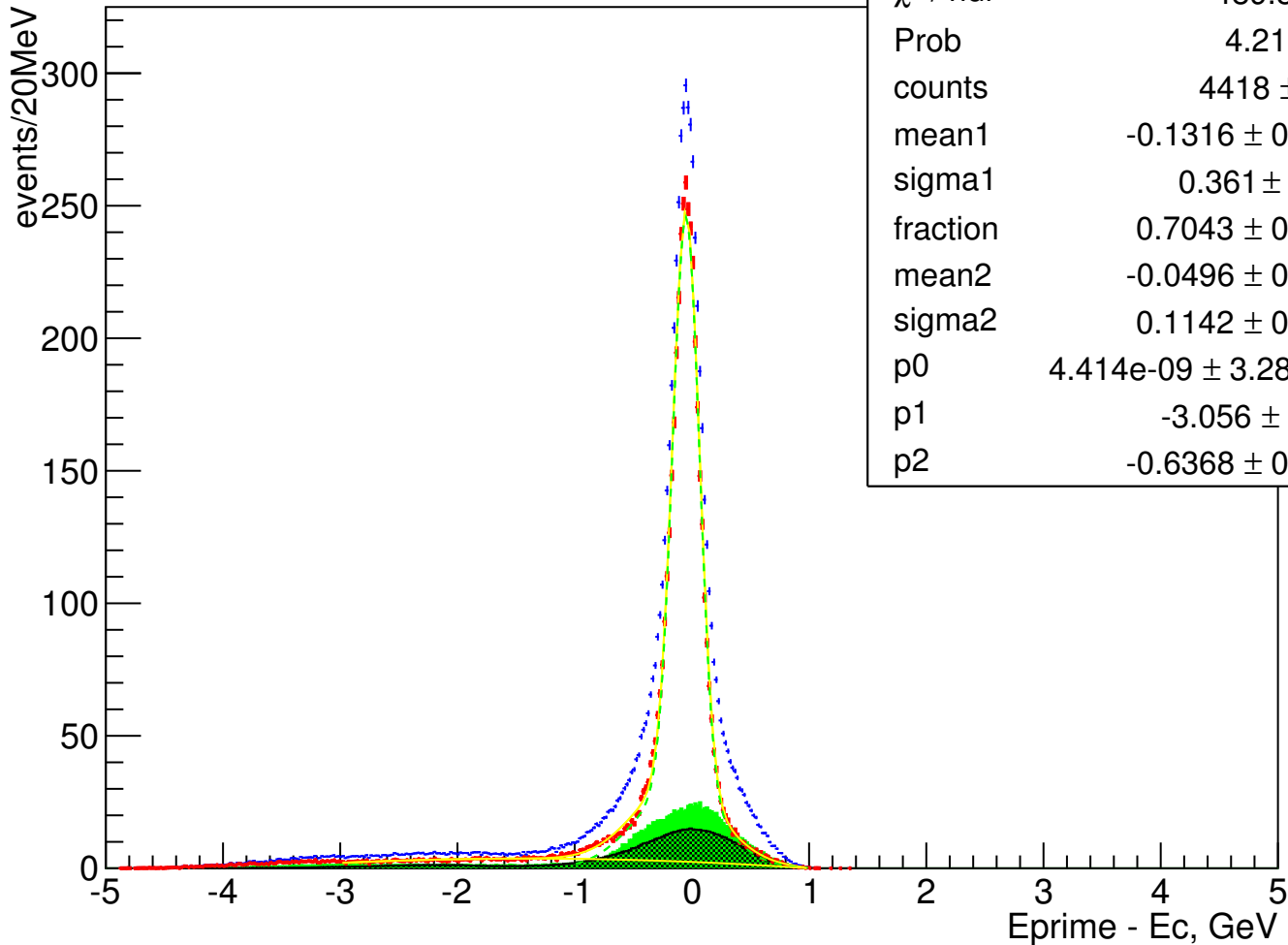
Eprime-Ec run 64908 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	392.6 / 191
Prob	4.788e-16
counts	4350 ± 74.4
mean1	-0.1045 ± 0.0126
sigma1	0.3215 ± 0.0192
fraction	0.68 ± 0.03
mean2	-0.04841 ± 0.00283
sigma2	0.11 ± 0.00
p0	0.07071 ± 0.29132
p1	-3.072 ± 0.390
p2	-0.6427 ± 0.1092
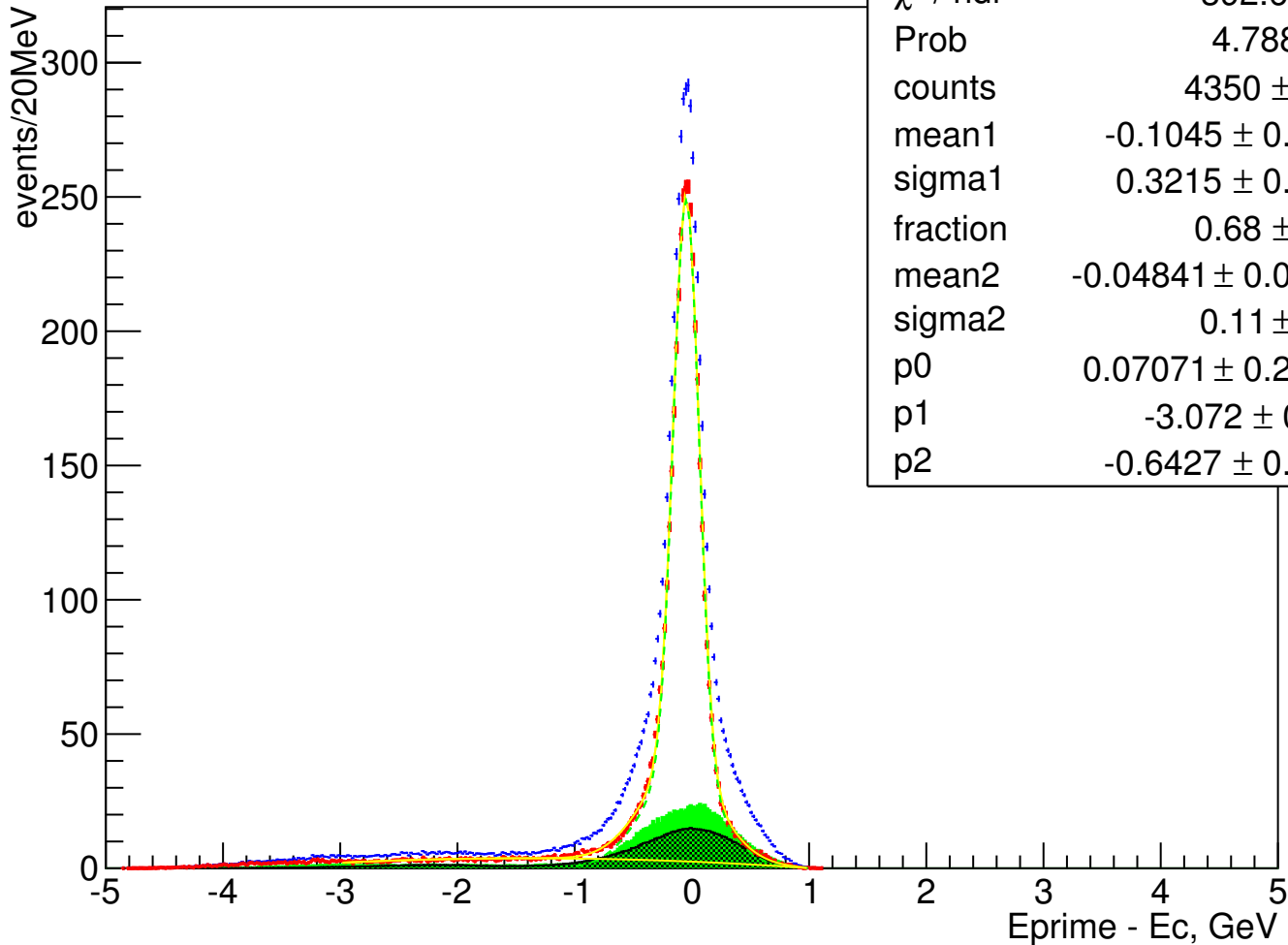
Eprime-Ec run 64909 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	429.6 / 191
Prob	2.052e-20
counts	4344 ± 73.8
mean1	-0.09871 ± 0.01199
sigma1	0.3078 ± 0.0191
fraction	0.6709 ± 0.0294
mean2	-0.04756 ± 0.00291
sigma2	0.1096 ± 0.0039
p0	0.2244 ± 0.3137
p1	-2.851 ± 0.394
p2	-0.6008 ± 0.1074
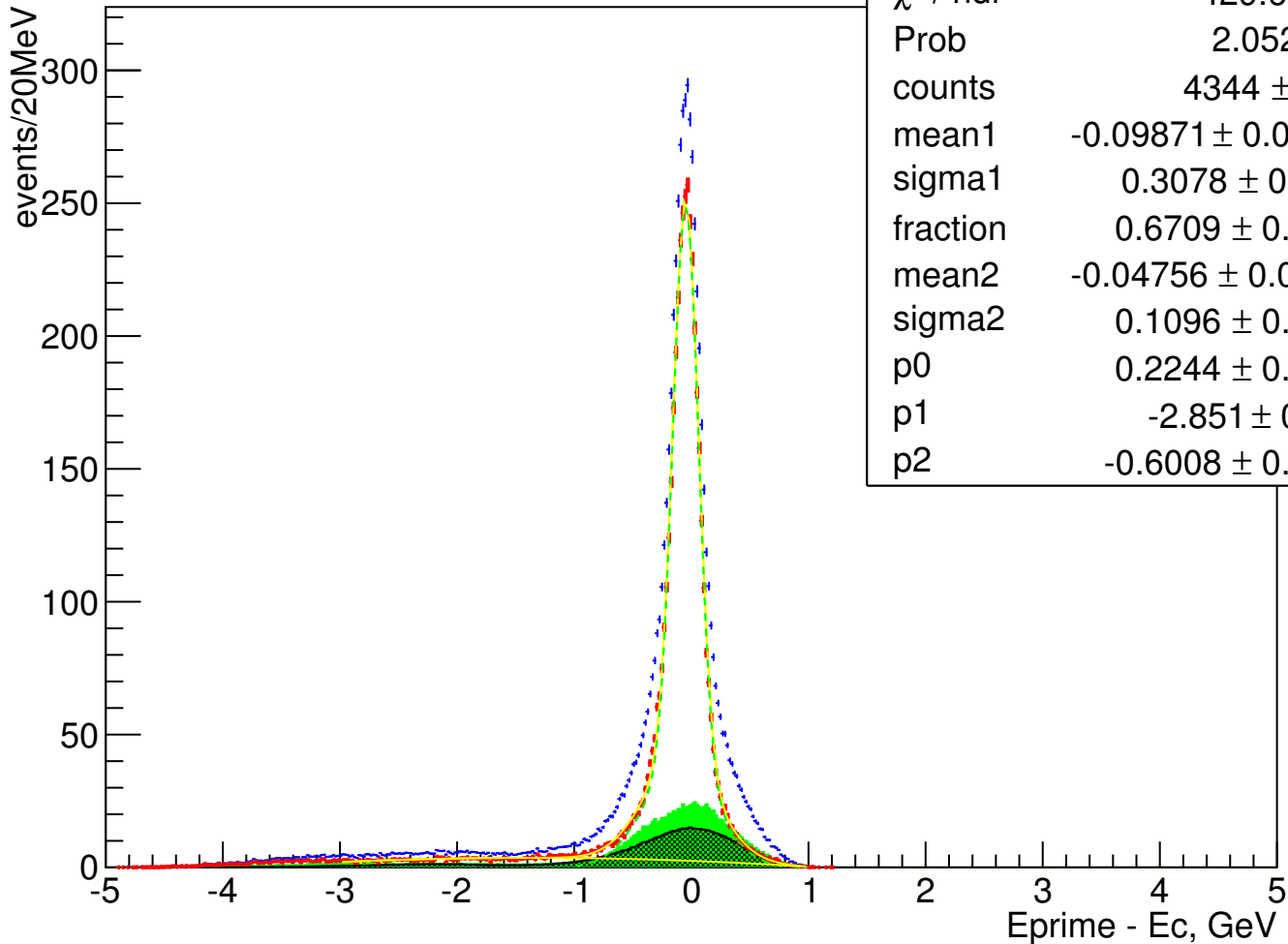
Eprime-Ec run 64911 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	413.9 / 191
Prob	1.603e-18
counts	4301 ± 74.6
mean1	-0.08882 ± 0.01250
sigma1	0.3156 ± 0.0212
fraction	0.6854 ± 0.0285
mean2	-0.04398 ± 0.00287
sigma2	0.1105 ± 0.0038
p0	0.1184 ± 0.3491
p1	-3.035 ± 0.400
p2	-0.6456 ± 0.1078

events/20MeV
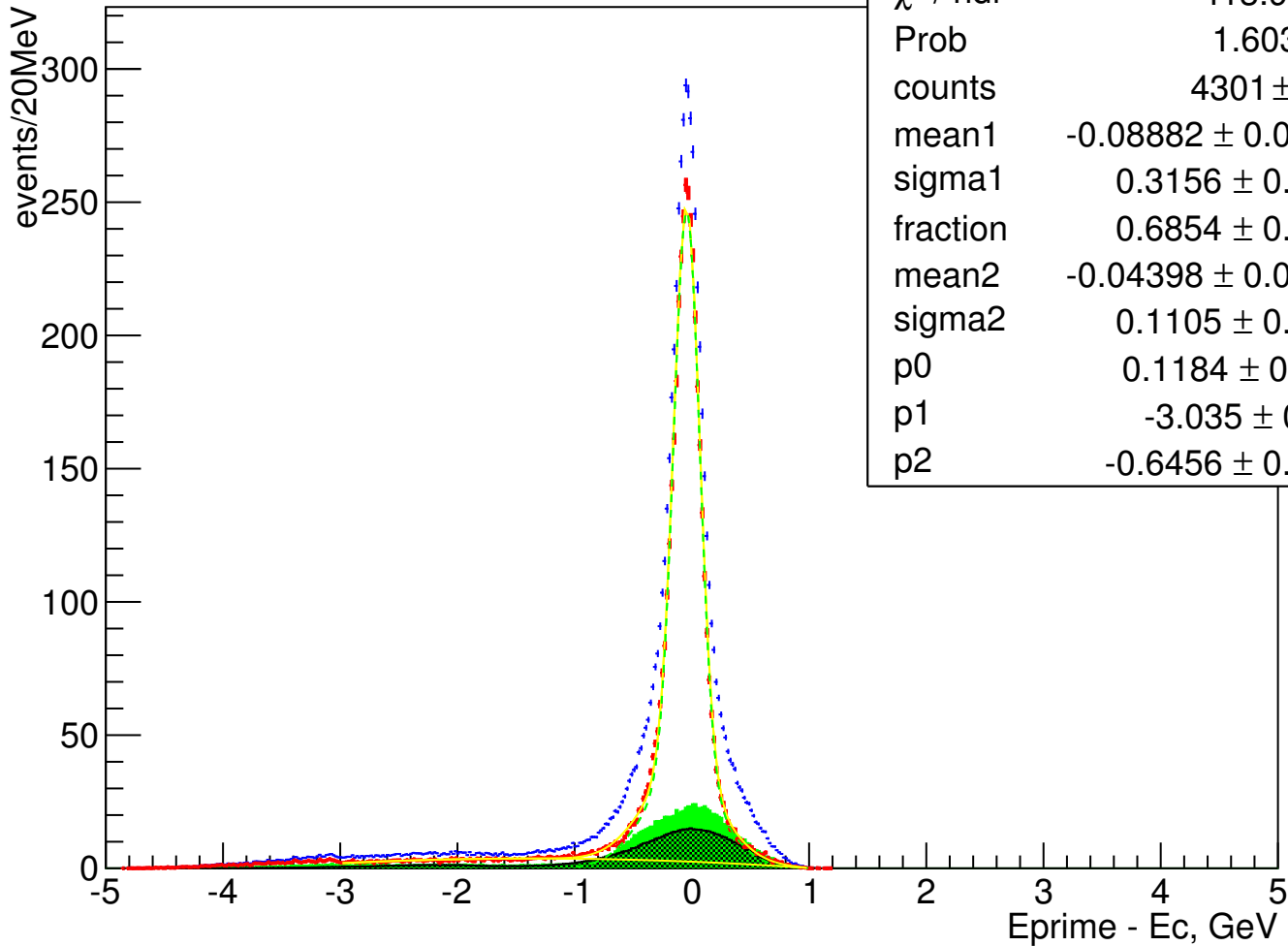
Eprime - Ec, GeV

Eprime-Ec run 64912 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	399.5 / 191
Prob	7.77e-17
counts	4364 ± 74.0
mean1	-0.1003 ± 0.0117
sigma1	0.3019 ± 0.0188
fraction	0.665 ± 0.030
mean2	-0.04814 ± 0.00291
sigma2	0.1085 ± 0.0038
p0	0.2451 ± 0.3255
p1	-2.983 ± 0.402
p2	-0.6415 ± 0.1083
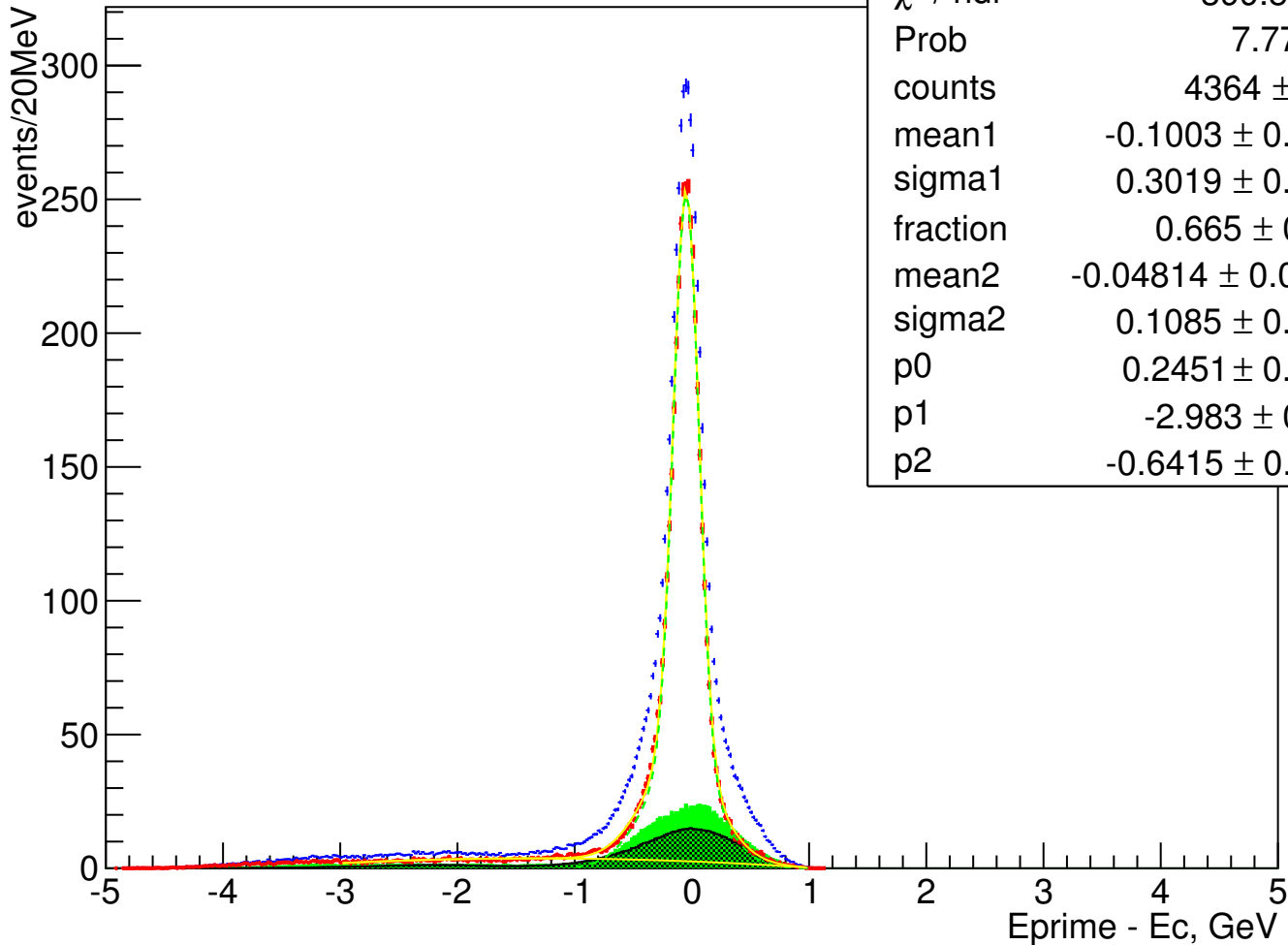
Eprime-Ec run 64913 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	321.1 / 191
Prob	1.13e-08
counts	4347 ± 75.1
mean1	-0.1051 ± 0.0128
sigma1	0.3027 ± 0.0209
fraction	0.6791 ± 0.0303
mean2	-0.04579 ± 0.00290
sigma2	0.109 ± 0.004
p0	0.6101 ± 0.3933
p1	-2.888 ± 0.421
p2	-0.6465 ± 0.1088
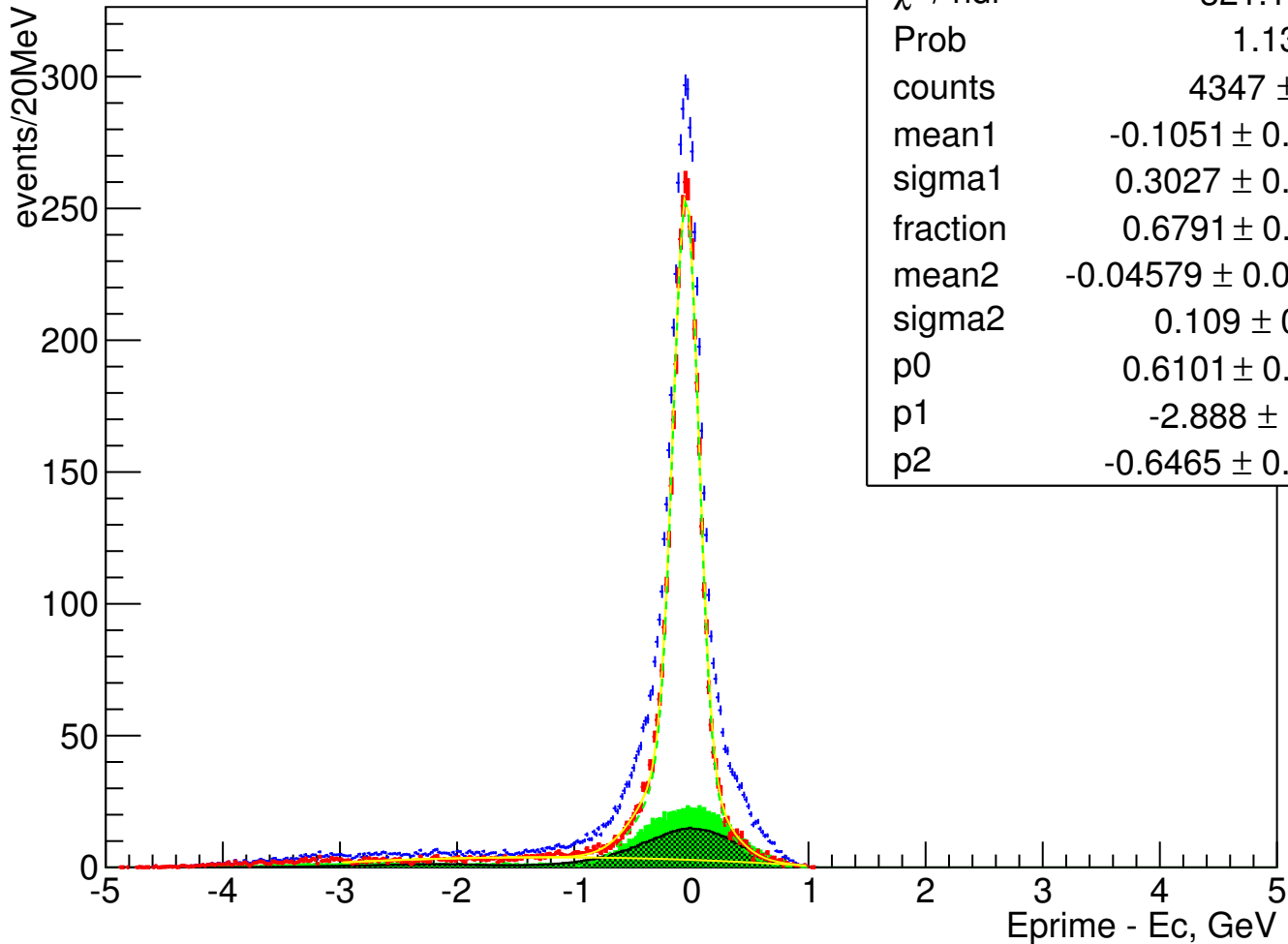
Eprime-Ec run 64914 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	304.5 / 191
Prob	3.252e-07
counts	4464 ± 73.0
mean1	-0.1087 ± 0.0127
sigma1	0.3297 ± 0.0167
fraction	0.6769 ± 0.0269
mean2	-0.04822 ± 0.00293
sigma2	0.1142 ± 0.0037
p0	5.794e-11 ± 2.044e-02
p1	-2.743 ± 0.371
p2	-0.5522 ± 0.1094
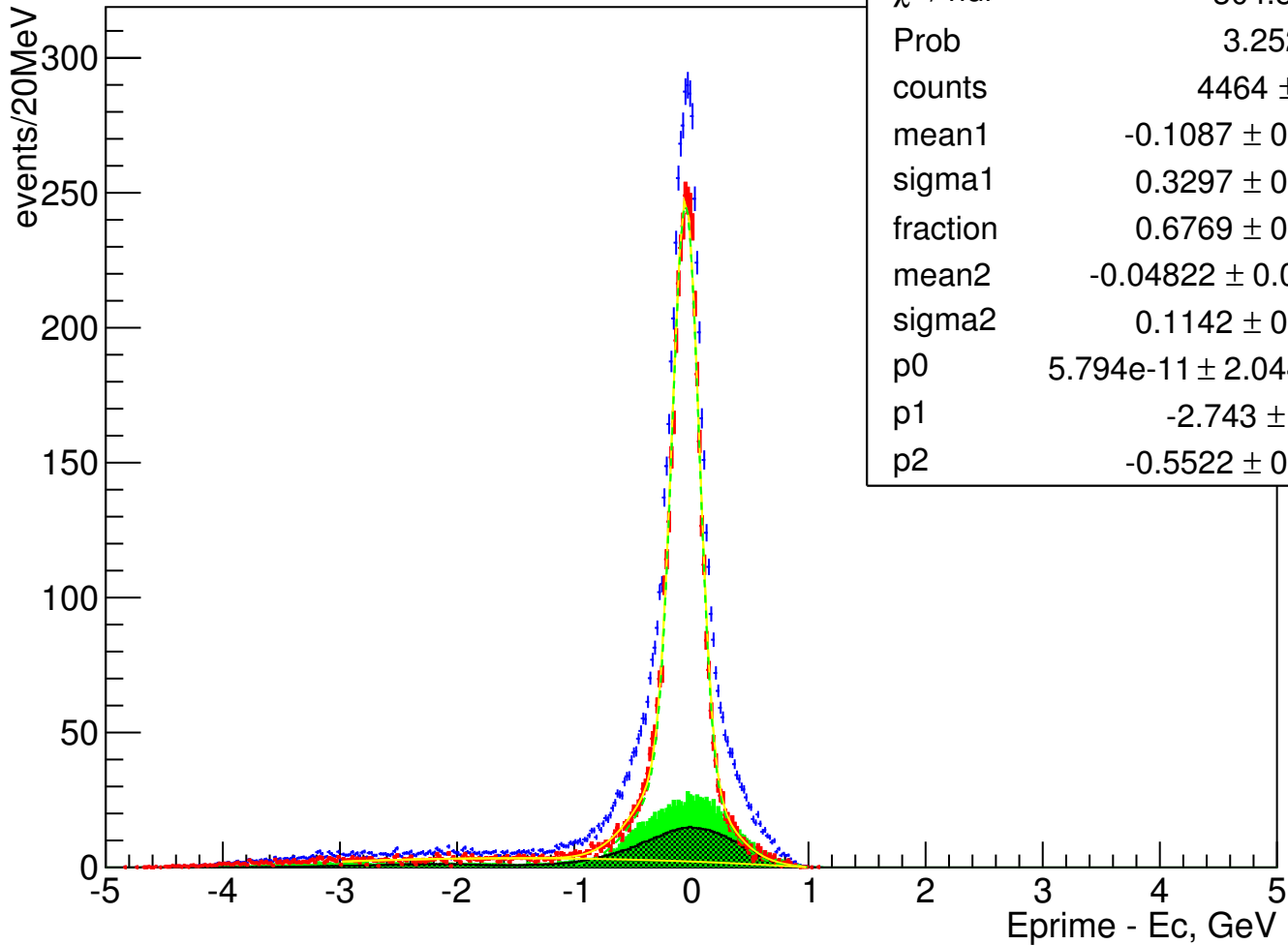
Eprime-Ec run 64915 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	431 / 191
Prob	1.39e-20
counts	4400 ± 74.2
mean1	-0.1071 ± 0.0118
sigma1	0.3064 ± 0.0185
fraction	0.6603 ± 0.0299
mean2	-0.05198 ± 0.00300
sigma2	0.1109 ± 0.0039
p0	0.2182 ± 0.3102
p1	-2.983 ± 0.402
p2	-0.6291 ± 0.1096
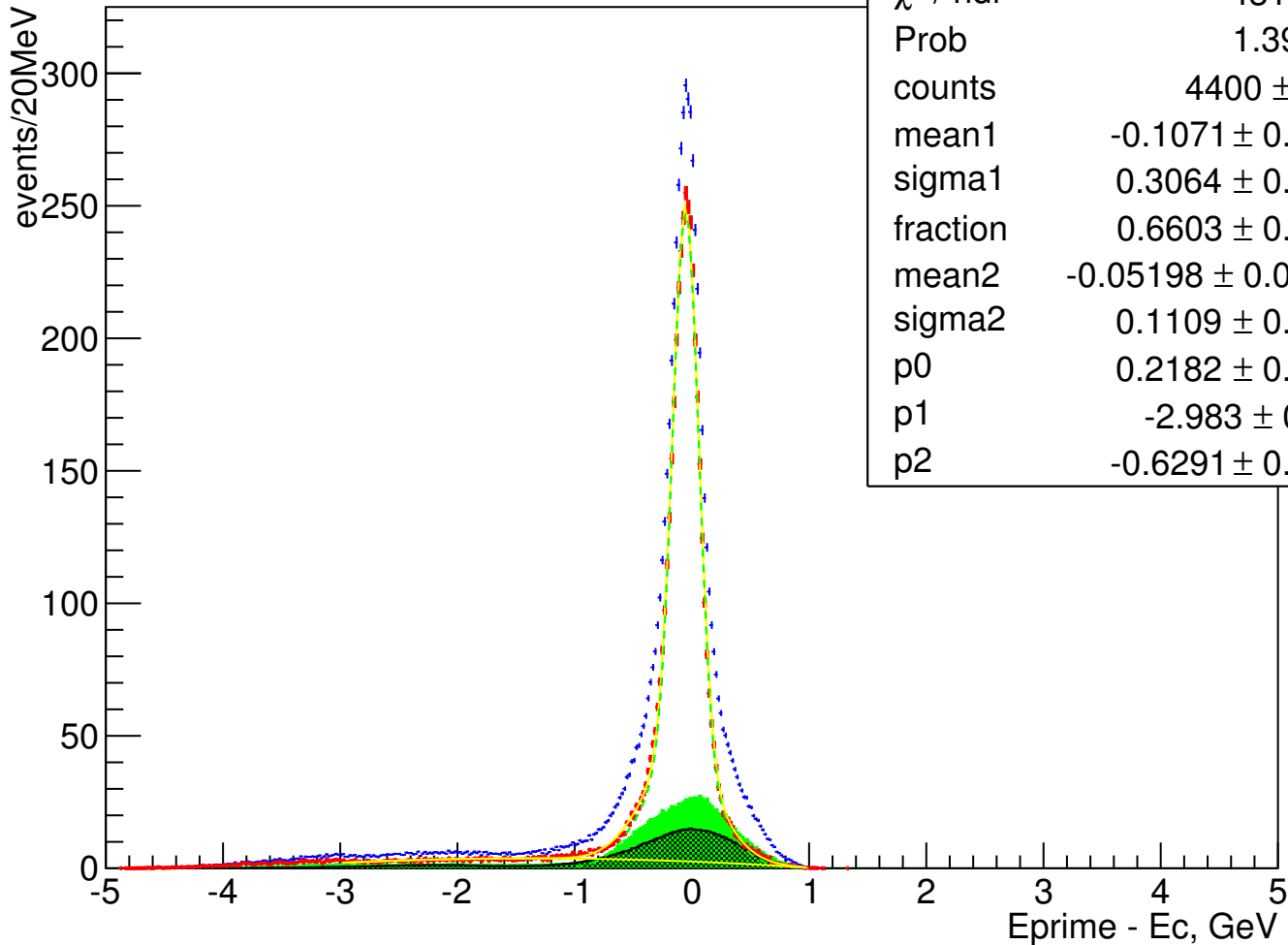
Eprime-Ec run 64917 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	485.6 / 191
Prob	1.406e-27
counts	4371 ± 74.3
mean1	-0.09685 ± 0.01129
sigma1	0.3044 ± 0.0186
fraction	0.6469 ± 0.0308
mean2	-0.04478 ± 0.00303
sigma2	0.1089 ± 0.0041
p0	0.09063 ± 0.31694
p1	-3.051 ± 0.398
p2	-0.6388 ± 0.1084
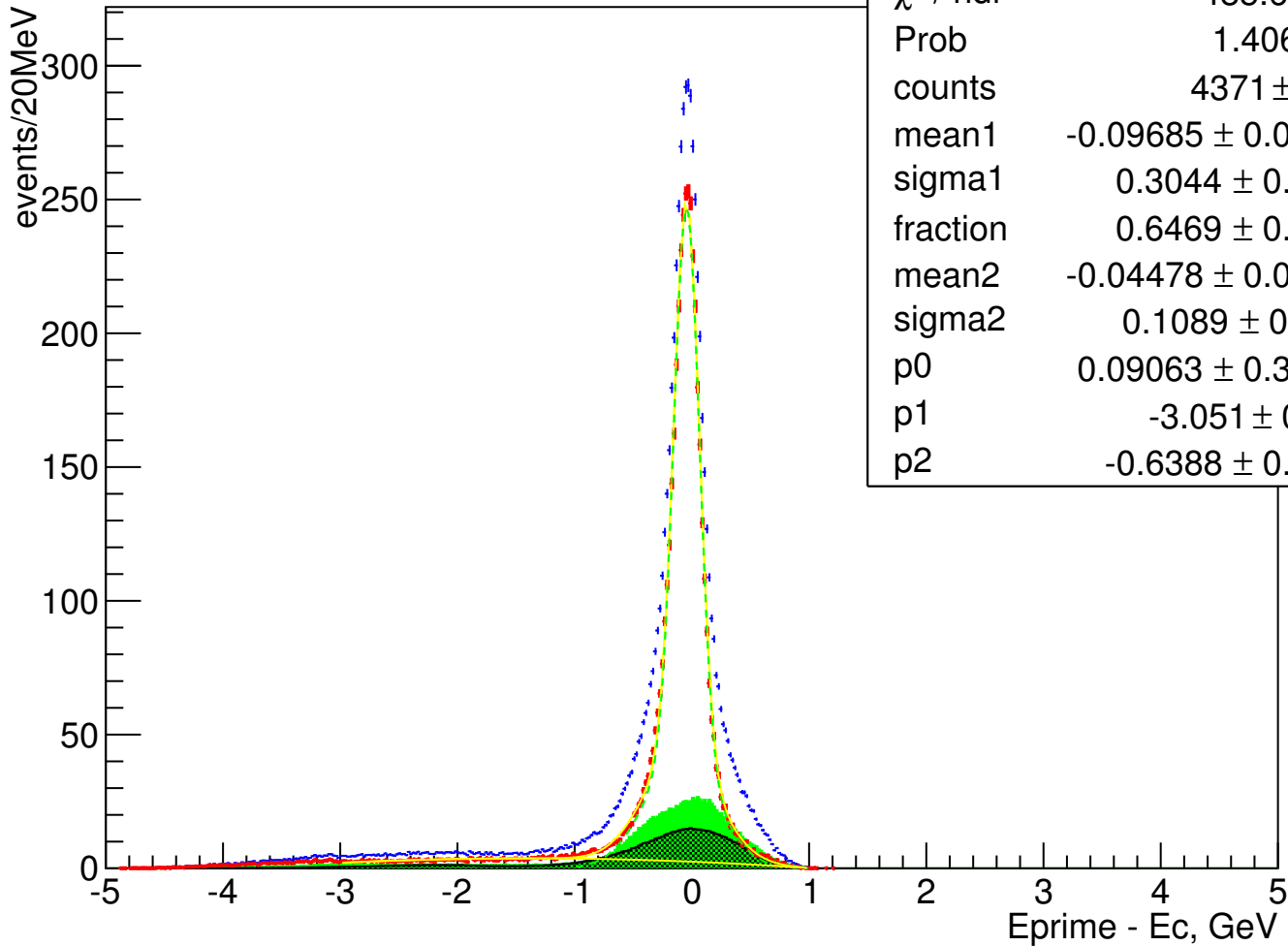
Eprime-Ec run 64918 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	416.4 / 191
Prob	8.079e-19
counts	4397 ± 75.0
mean1	-0.1088 ± 0.0123
sigma1	0.3148 ± 0.0191
fraction	0.6667 ± 0.0278
mean2	-0.04895 ± 0.00294
sigma2	0.1106 ± 0.0037
p0	0.2664 ± 0.3444
p1	-2.902 ± 0.410
p2	-0.6113 ± 0.1103
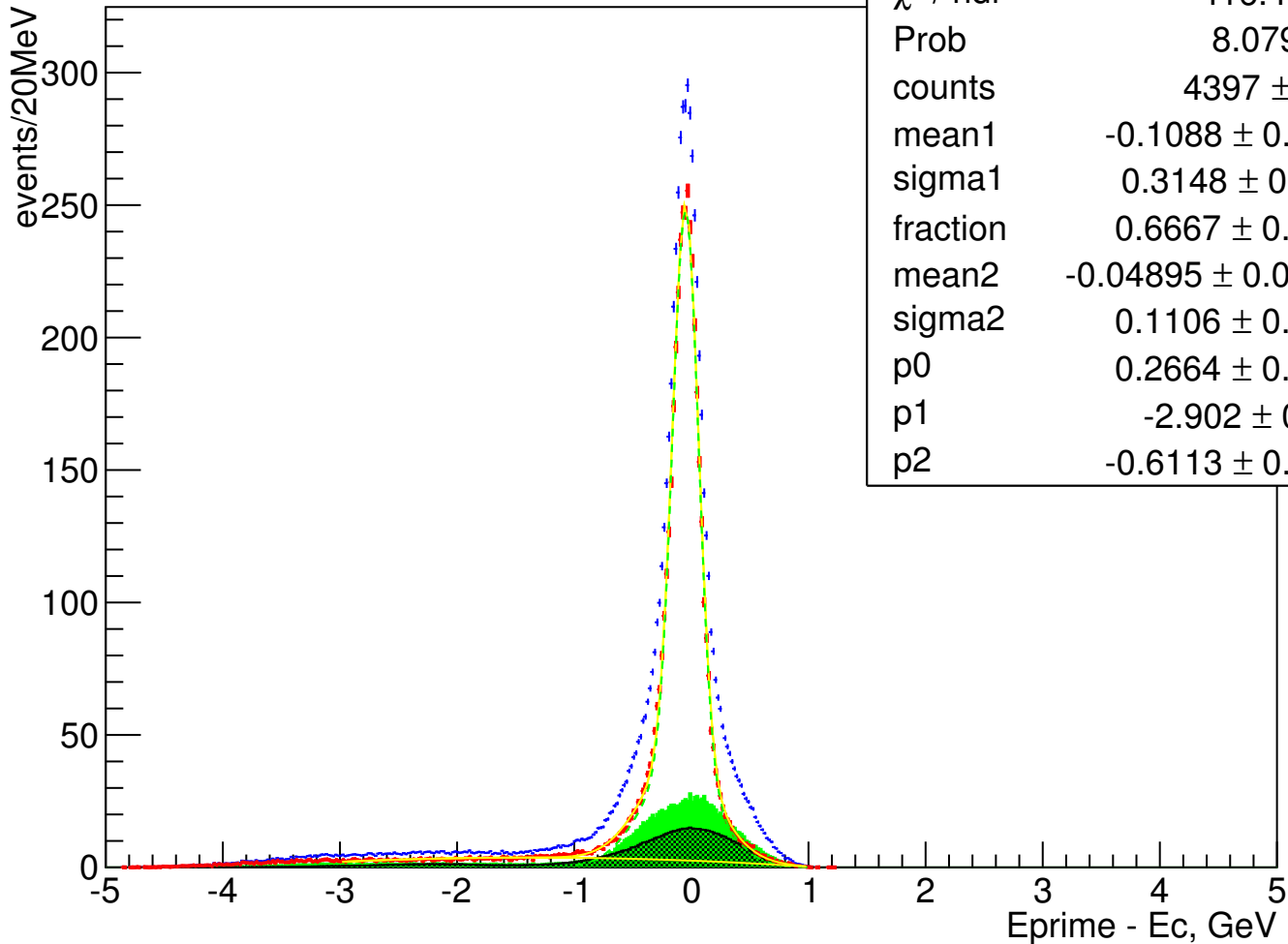
Eprime-Ec run 64919 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	498.4 / 191
Prob	2.656e-29
counts	4405 ± 76.1
mean1	-0.1096 ± 0.0125
sigma1	0.3139 ± 0.0207
fraction	0.6682 ± 0.0295
mean2	-0.04802 ± 0.00301
sigma2	0.1113 ± 0.0040
p0	0.3061 ± 0.3728
p1	-2.923 ± 0.421
p2	-0.6201 ± 0.1125
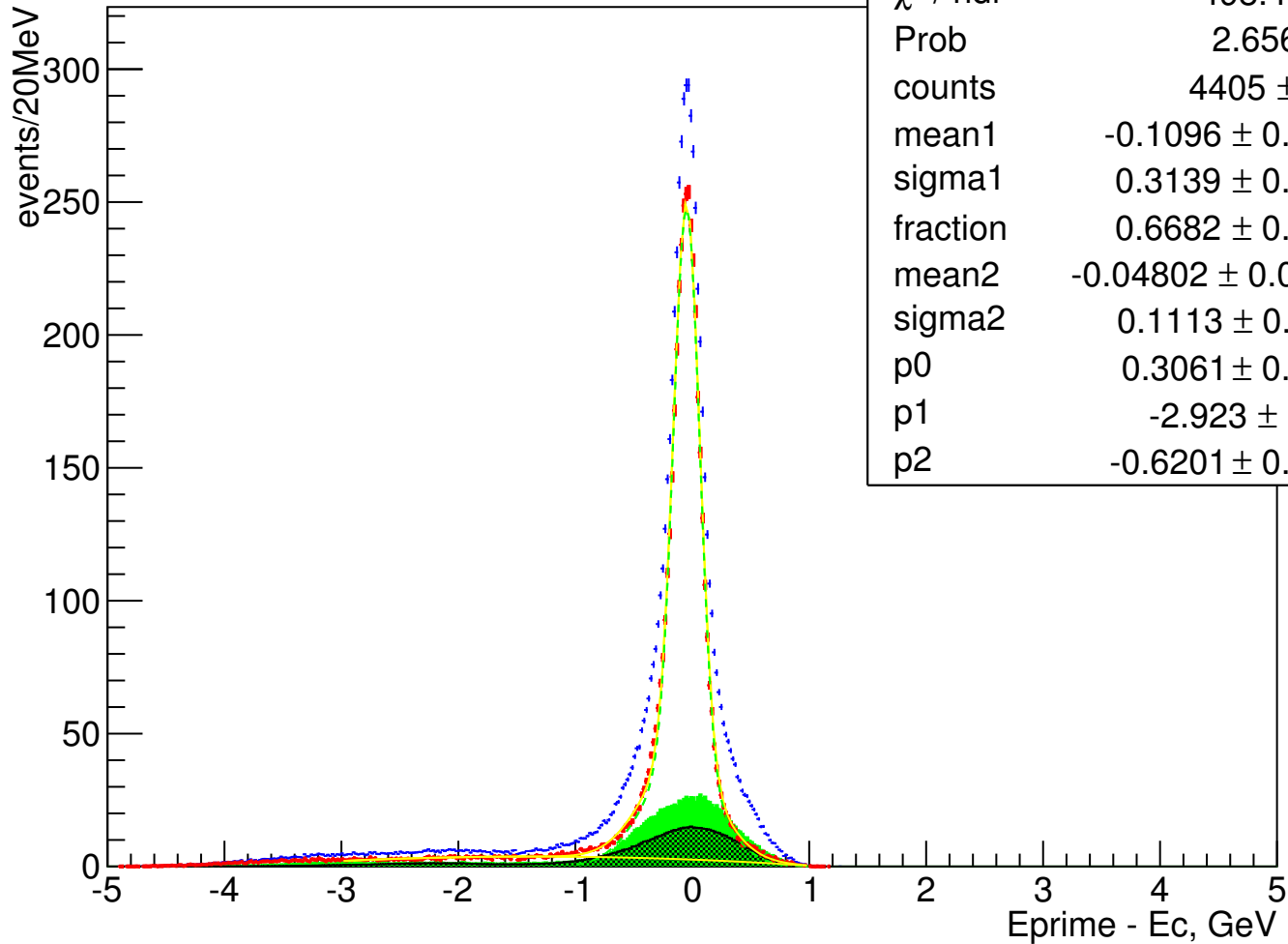
Eprime-Ec run 64920 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	493.4 / 191
Prob	1.259e-28
counts	4418 ± 75.8
mean1	-0.1026 ± 0.0124
sigma1	0.3161 ± 0.0209
fraction	0.6767 ± 0.0294
mean2	-0.0496 ± 0.0030
sigma2	0.1125 ± 0.0039
p0	0.1465 ± 0.3533
p1	-3.062 ± 0.409
p2	-0.6445 ± 0.1105

events/20MeV
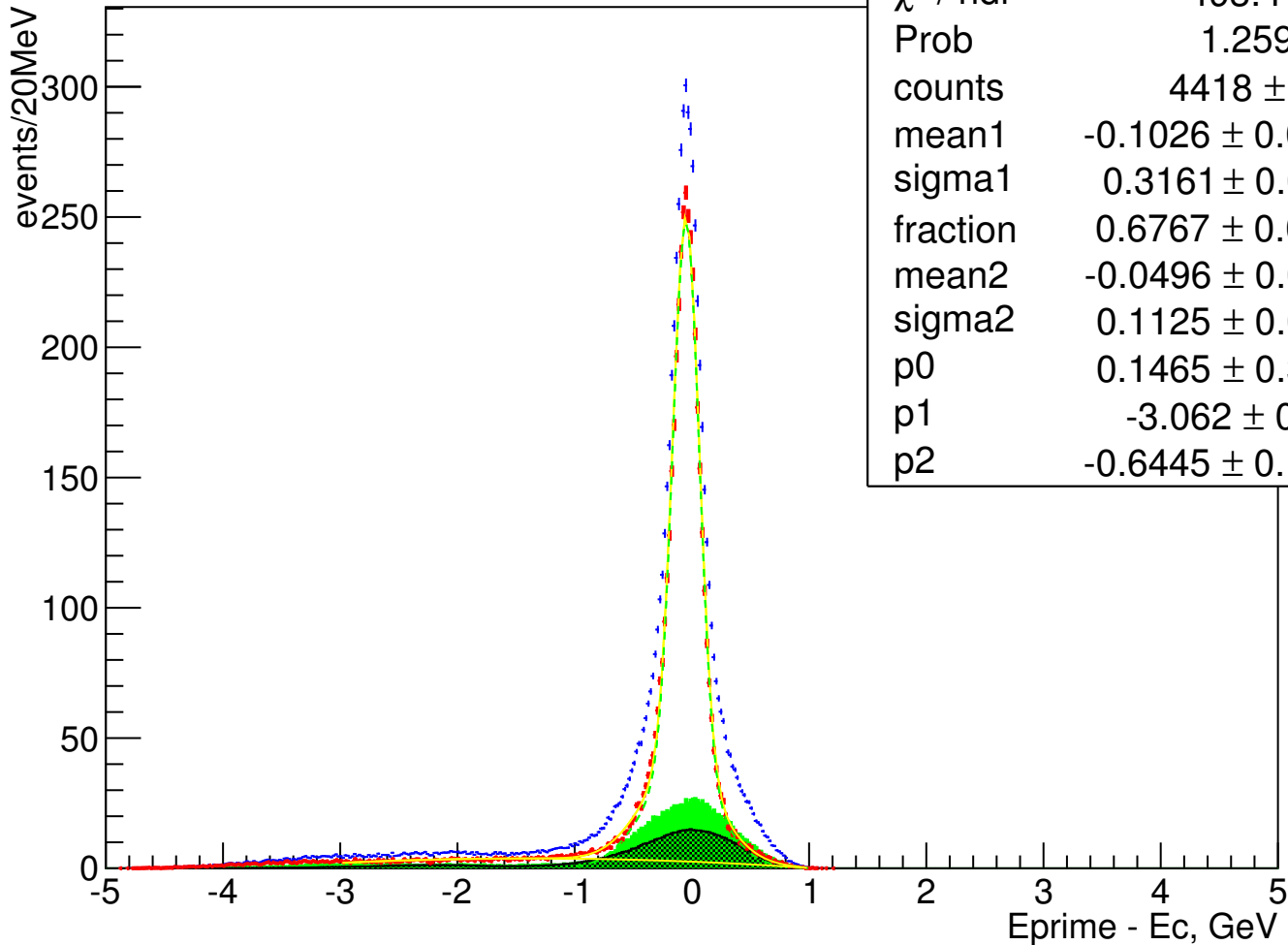
Eprime - Ec, GeV

Eprime-Ec run 64921 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	498 / 191
Prob	3.057e-29
counts	4463 ± 75.8
mean1	-0.1087 ± 0.0125
sigma1	0.3054 ± 0.0196
fraction	0.6595 ± 0.0299
mean2	-0.05391 ± 0.00300
sigma2	0.1102 ± 0.0039
p0	0.4105 ± 0.3906
p1	-3.009 ± 0.429
p2	-0.6502 ± 0.1129
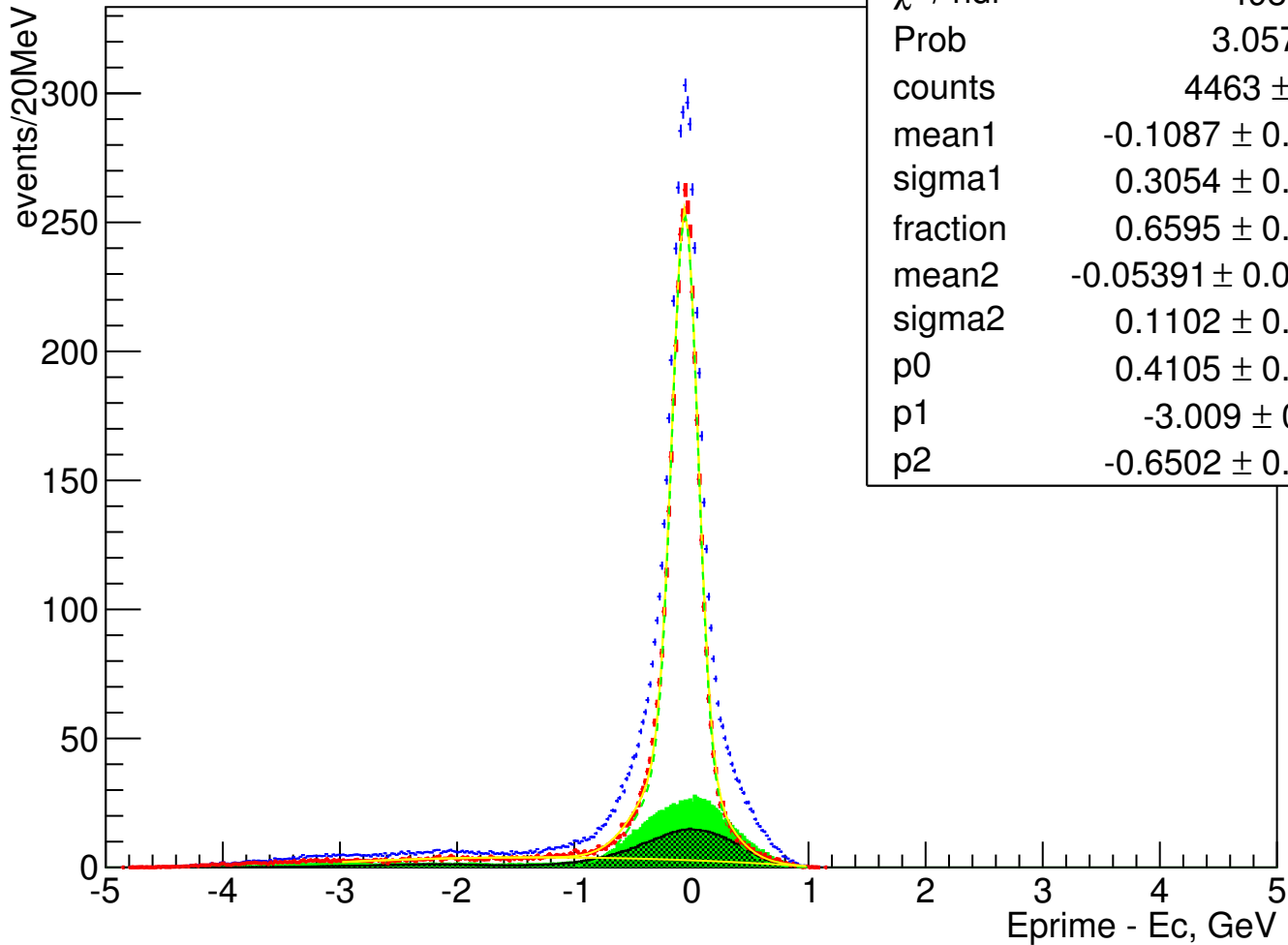
Eprime-Ec run 64923 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	427.2 / 191
Prob	4.055e-20
counts	4444 ± 75.5
mean1	-0.1089 ± 0.0127
sigma1	0.3207 ± 0.0201
fraction	0.6797 ± 0.0278
mean2	-0.0511 ± 0.0029
sigma2	0.113 ± 0.004
p0	0.1938 ± 0.3258
p1	-2.829 ± 0.403
p2	-0.5856 ± 0.1103

events/20MeV
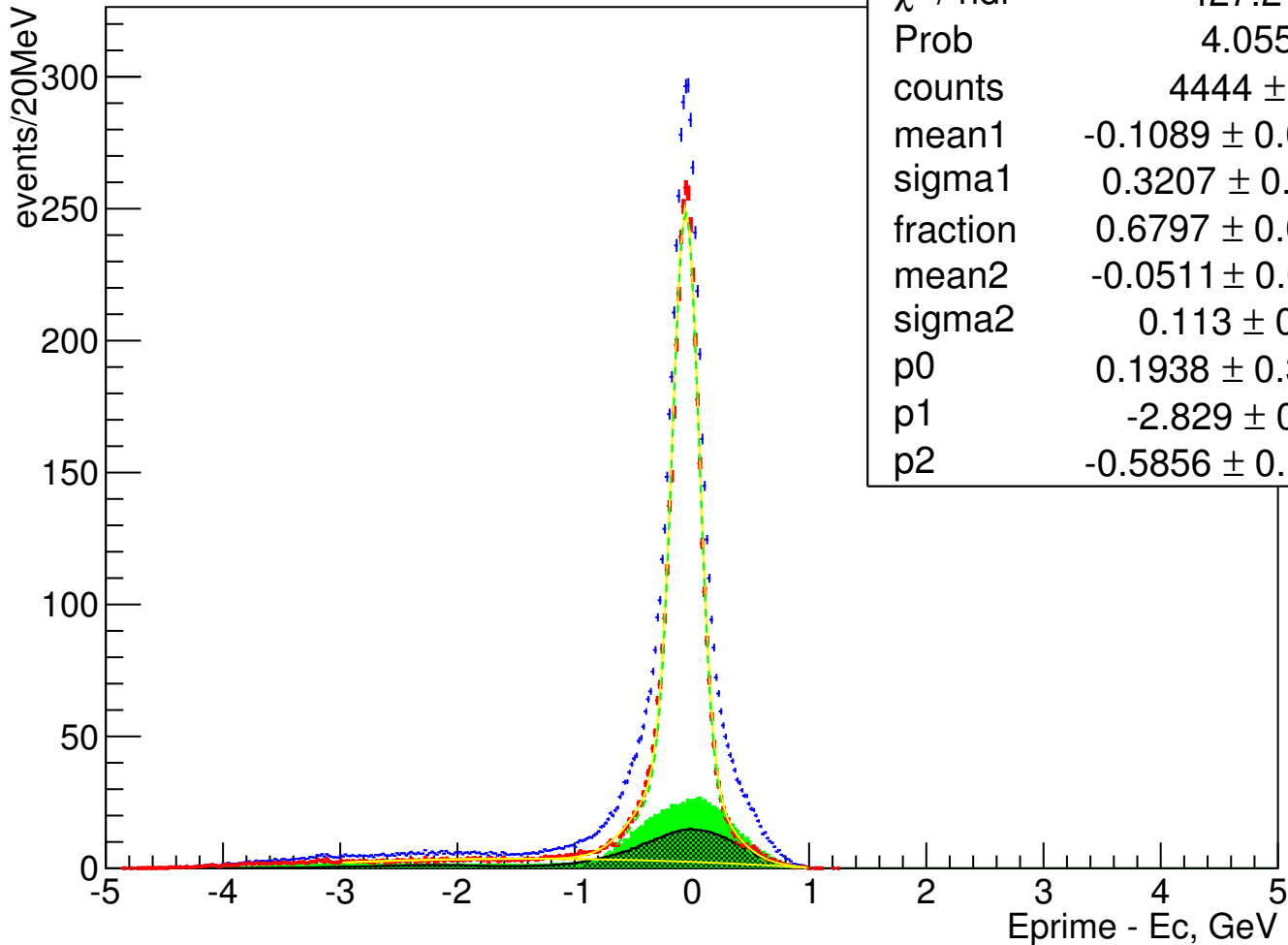
Eprime - Ec, GeV

Eprime-Ec run 64924 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	251.4 / 191
Prob	0.002216
counts	4389 ± 72.3
mean1	-0.09892 ± 0.01037
sigma1	0.2853 ± 0.0159
fraction	0.6337 ± 0.0302
mean2	-0.04192 ± 0.00305
sigma2	0.1063 ± 0.0038
p0	0.3681 ± 0.3134
p1	-2.914 ± 0.398
p2	-0.6271 ± 0.1068
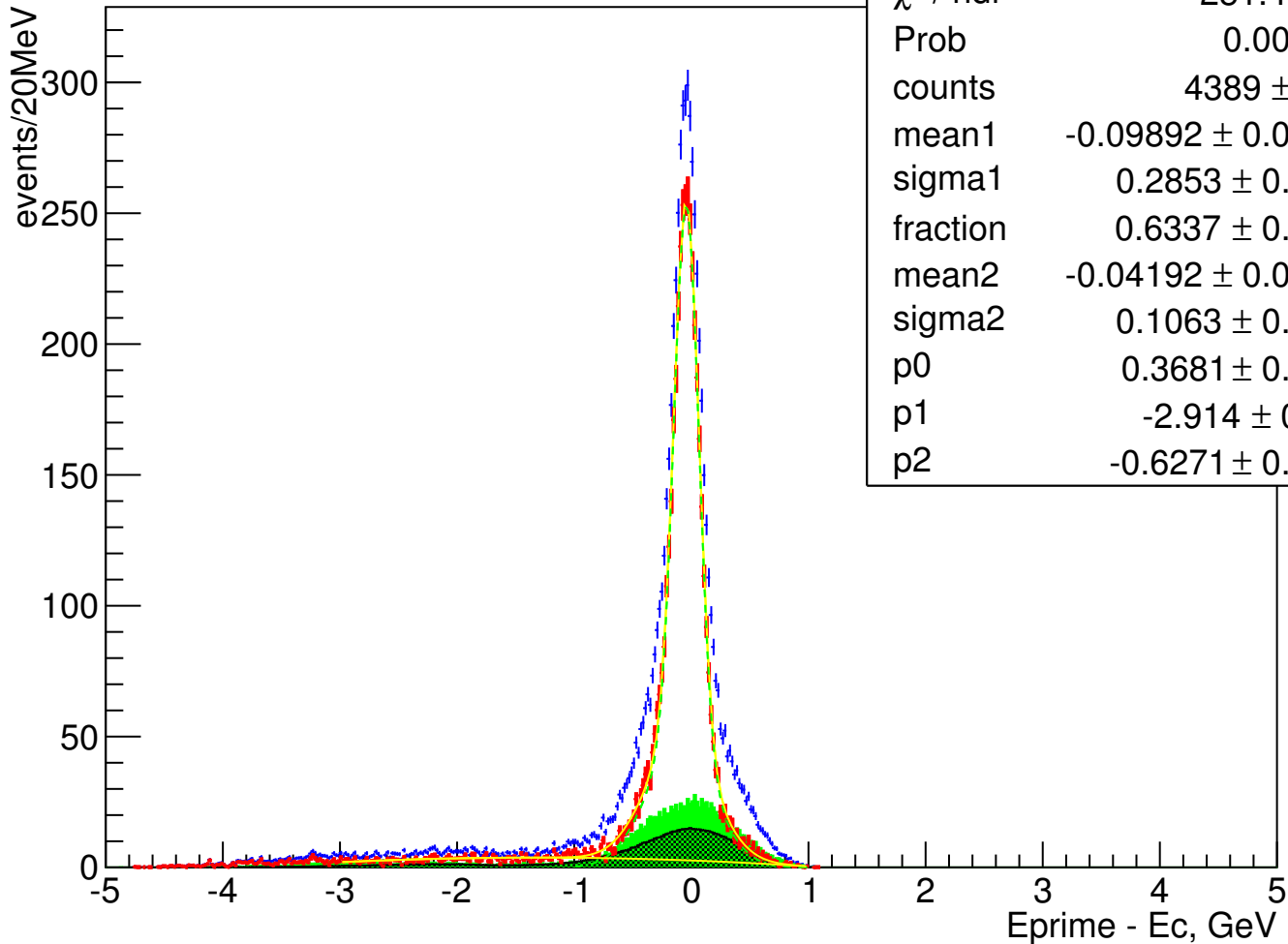
Eprime-Ec run 64925 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	456.8 / 191
Prob	8.137e-24
counts	4356 ± 74.3
mean1	-0.09907 ± 0.01184
sigma1	0.2983 ± 0.0193
fraction	0.6591 ± 0.0327
mean2	-0.04125 ± 0.00311
sigma2	0.1106 ± 0.0042
p0	0.3008 ± 0.3384
p1	-2.983 ± 0.409
p2	-0.6403 ± 0.1101

events/20MeV
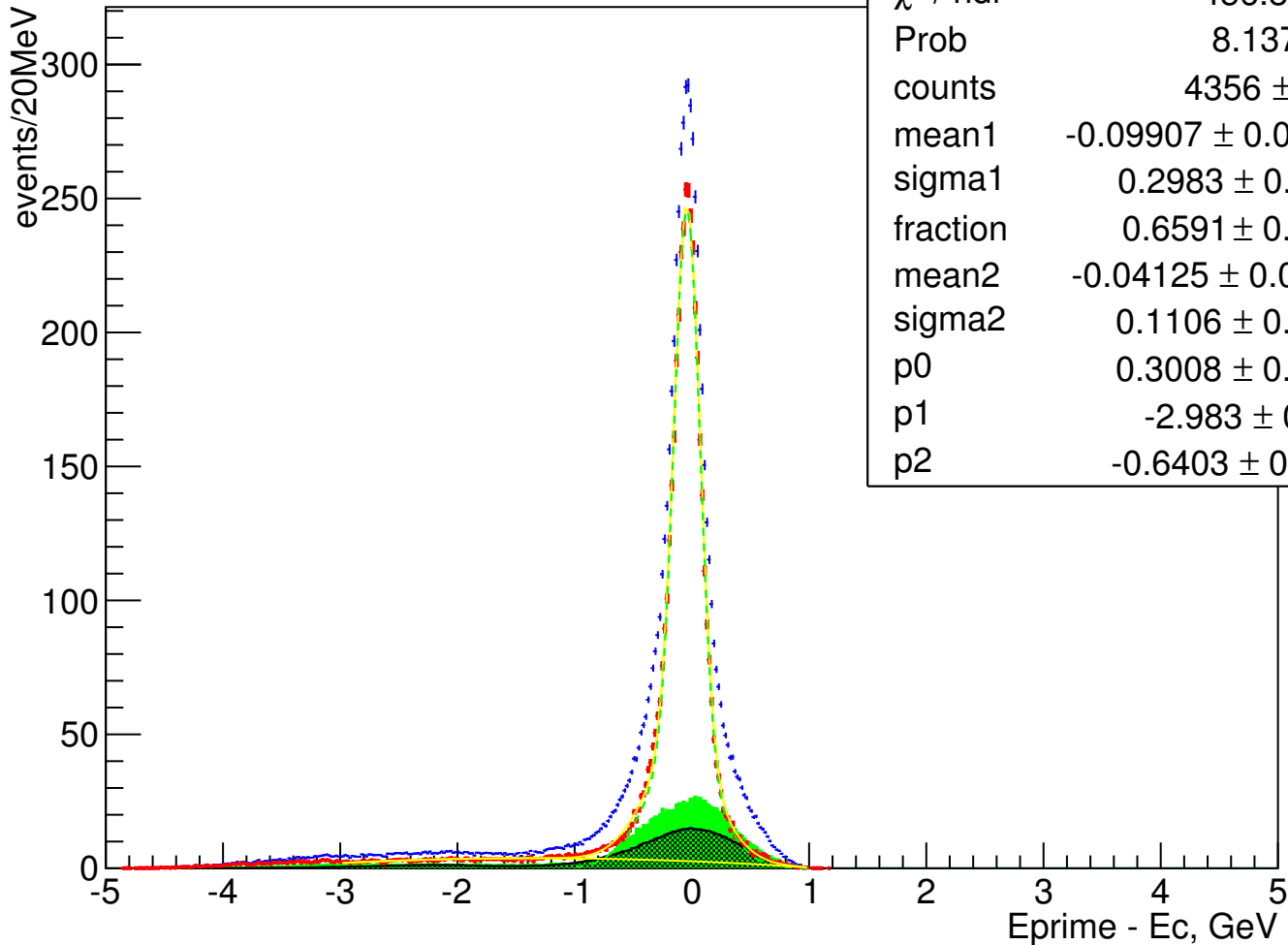
Eprime - Ec, GeV

Eprime-Ec run 64926 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	506.5 / 191
Prob	2.146e-30
counts	4363 ± 75.4
mean1	-0.1047 ± 0.0127
sigma1	0.3182 ± 0.0205
fraction	0.6752 ± 0.0277
mean2	-0.0426 ± 0.0030
sigma2	0.111 ± 0.004
p0	0.178 ± 0.354
p1	-2.899 ± 0.409
p2	-0.6013 ± 0.1108

events/20MeV
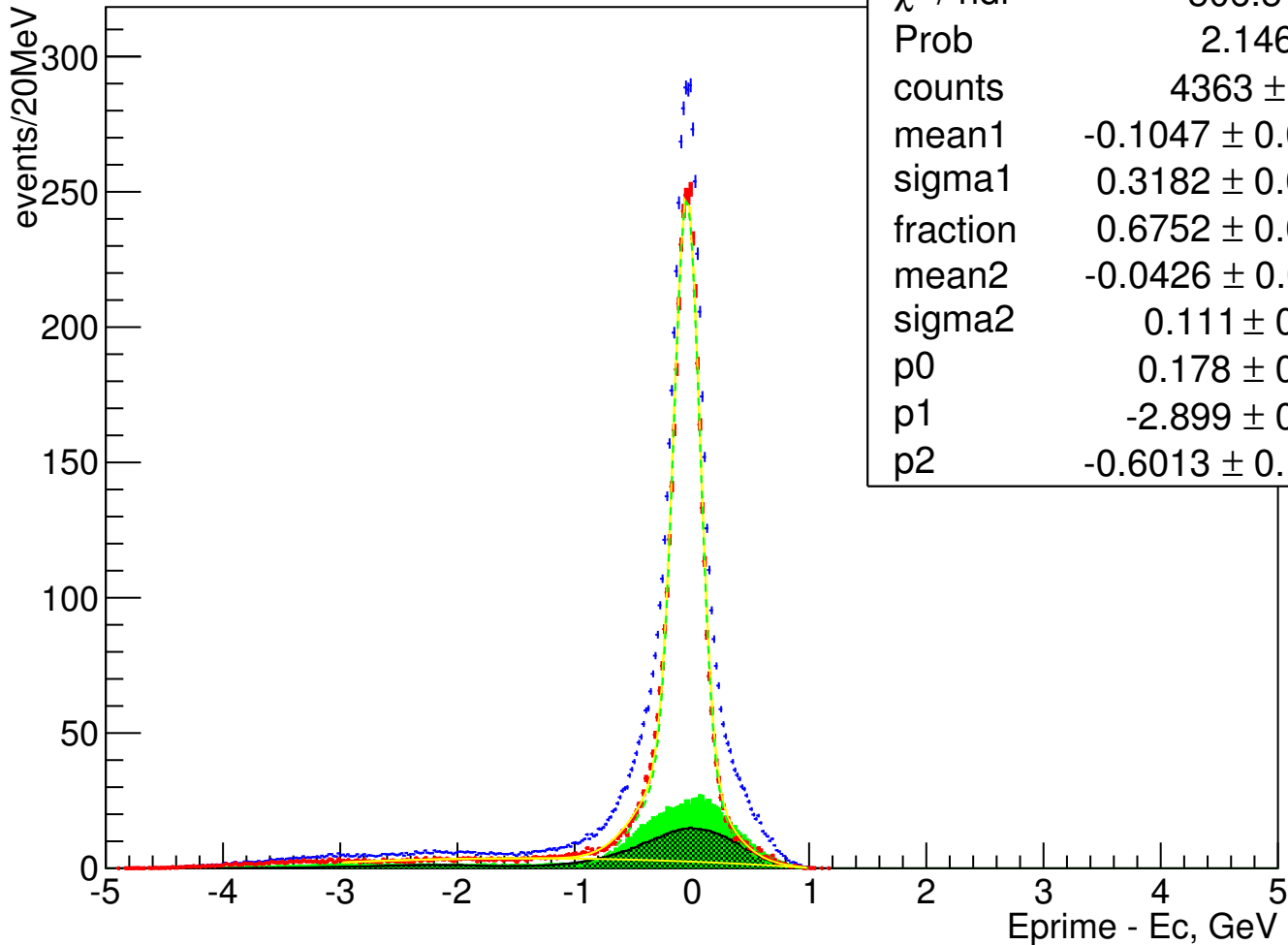
Eprime - Ec, GeV

Eprime-Ec run 64927 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	426.4 / 191
Prob	5.037e-20
counts	4348 ± 74.9
mean1	-0.09349 ± 0.01207
sigma1	0.3122 ± 0.0204
fraction	0.6683 ± 0.0299
mean2	-0.04352 ± 0.00300
sigma2	0.1115 ± 0.0040
p0	0.1508 ± 0.3544
p1	-3.027 ± 0.405
p2	-0.6401 ± 0.1088
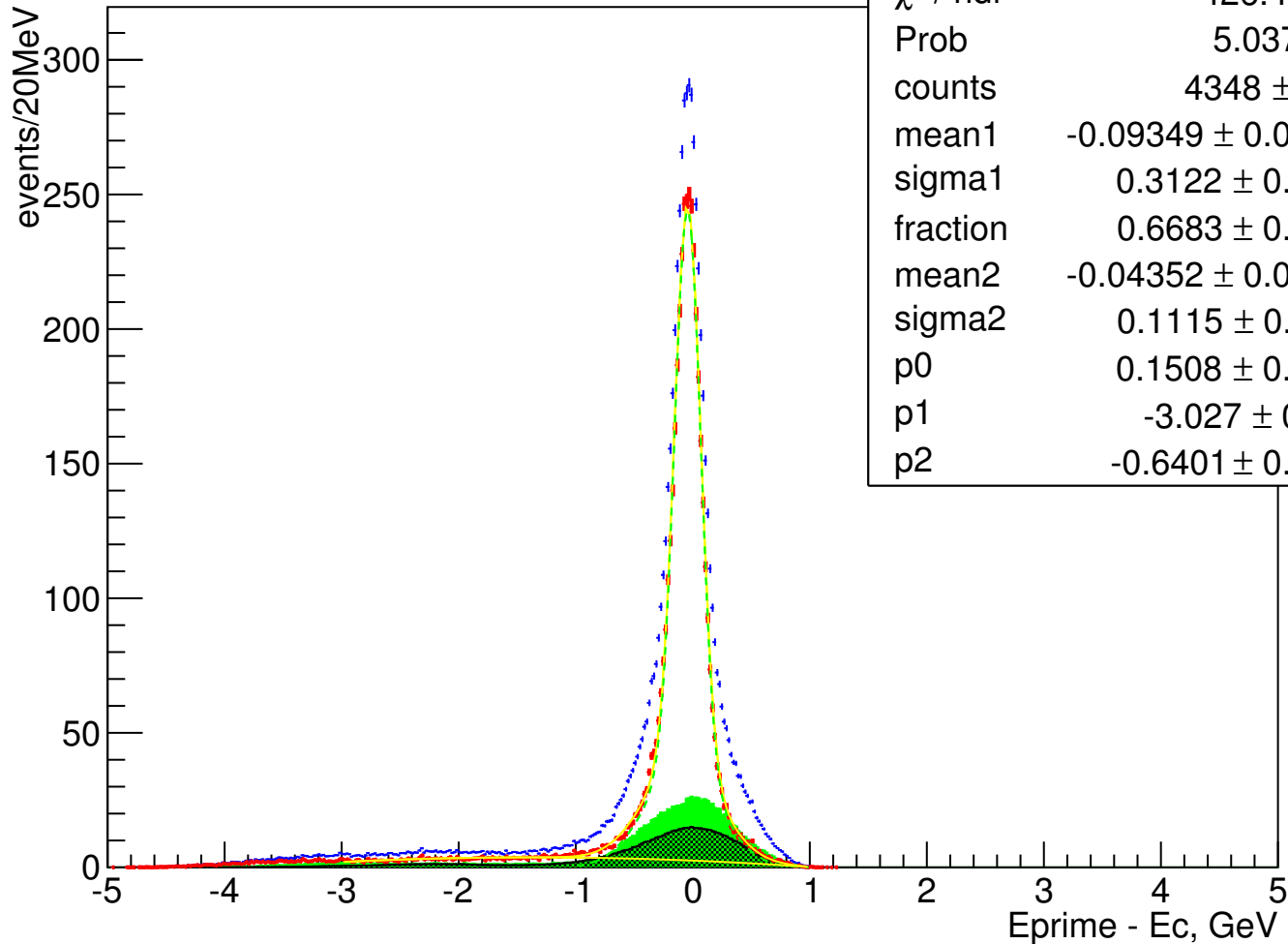
Eprime-Ec run 64928 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	476.9 / 191
Prob	1.966e-26
counts	4351 ± 75.0
mean1	-0.09954 ± 0.01229
sigma1	0.3094 ± 0.0202
fraction	0.6657 ± 0.0297
mean2	-0.04133 ± 0.00303
sigma2	0.1106 ± 0.0040
p0	0.2566 ± 0.3589
p1	-2.949 ± 0.406
p2	-0.6332 ± 0.1091
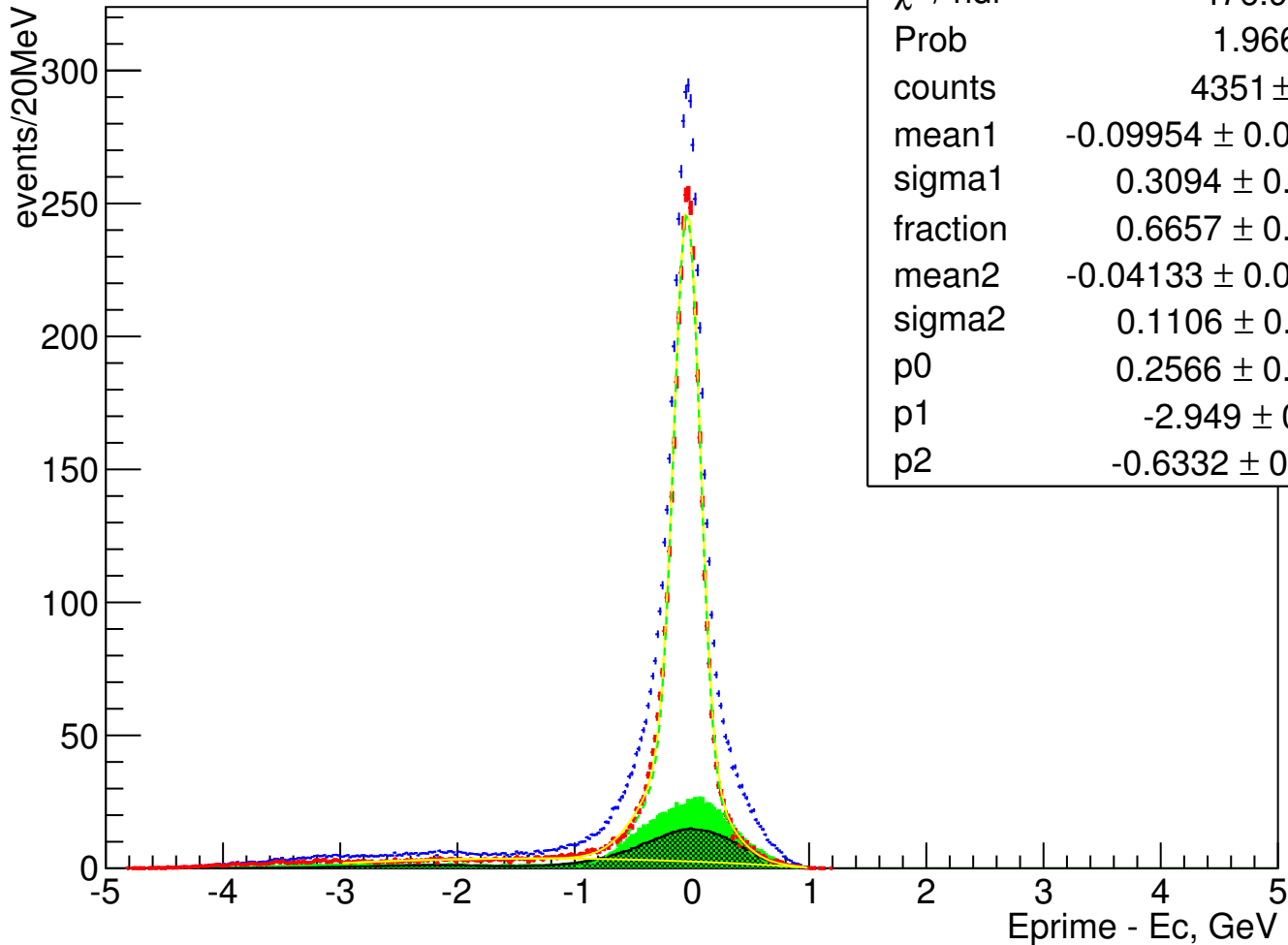
Eprime-Ec run 64929 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	289.7 / 191
Prob	5.194e-06
counts	4293 ± 72.5
mean1	-0.09108 ± 0.01108
sigma1	0.2891 ± 0.0186
fraction	0.6327 ± 0.0358
mean2	-0.03884 ± 0.00317
sigma2	0.1088 ± 0.0046
p0	0.2748 ± 0.3522
p1	-3.127 ± 0.410
p2	-0.6846 ± 0.1091
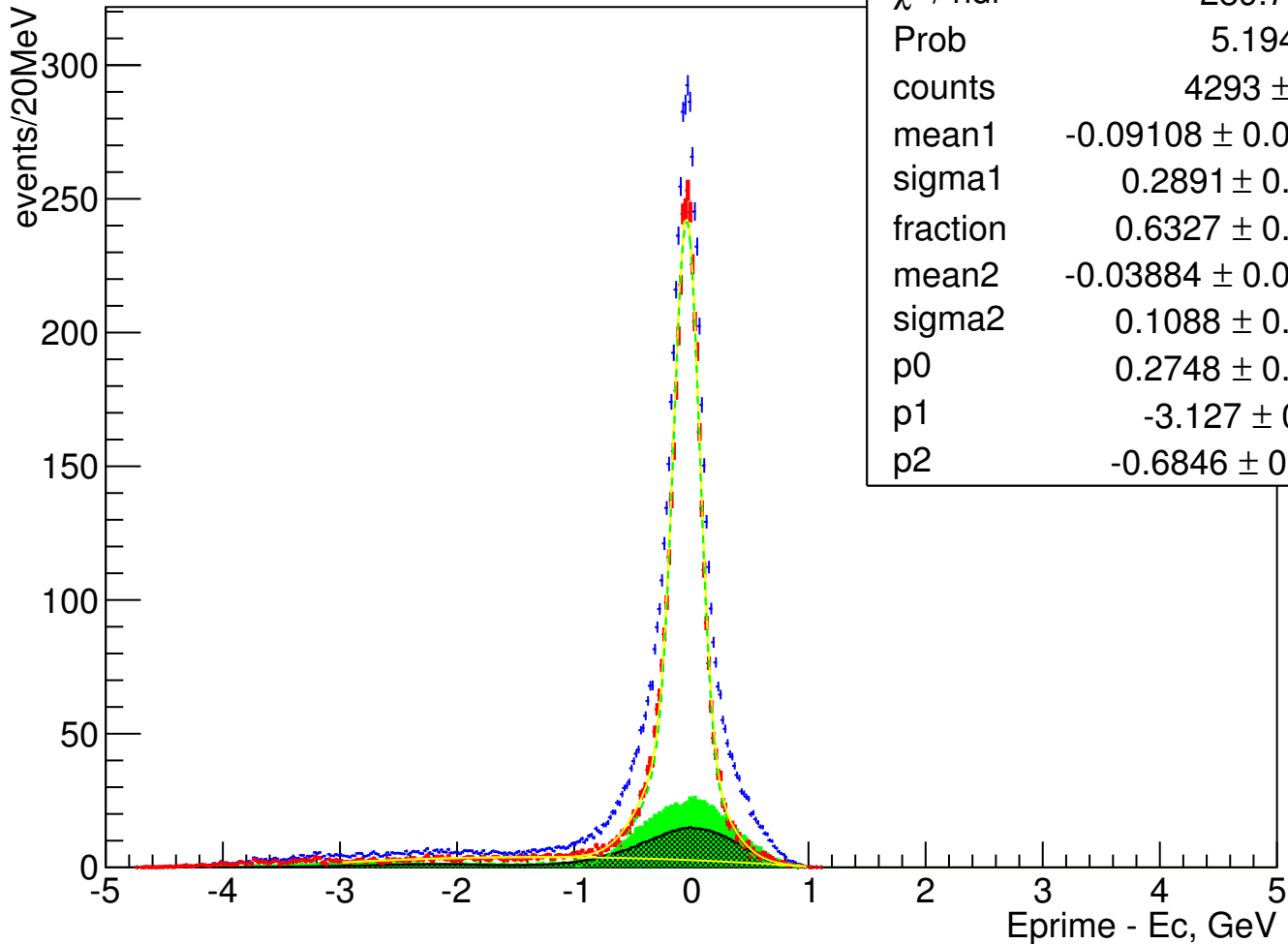
Eprime-Ec run 64930 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	366.8 / 191
Prob	3.342e-13
counts	4503 ± 73.2
mean1	-0.1183 ± 0.0122
sigma1	0.3277 ± 0.0155
fraction	0.6754 ± 0.0239
mean2	-0.05111 ± 0.00284
sigma2	0.1129 ± 0.0034
p0	1.196e-07 ± 6.162e+01
p1	-3.043 ± 0.368
p2	-0.6297 ± 0.1087

events/20MeV
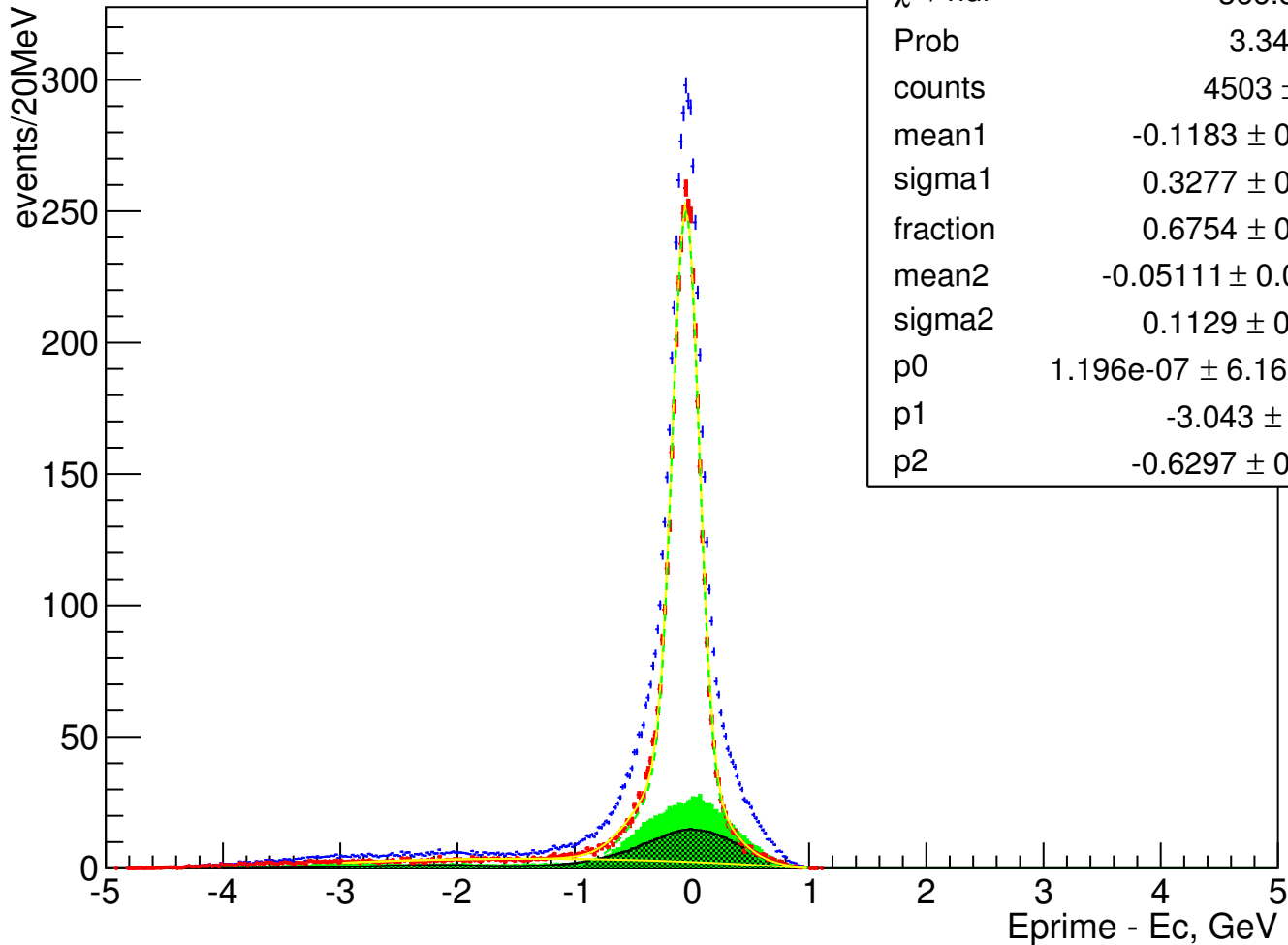
Eprime - Ec, GeV

Eprime-Ec run 64931 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	429.4 / 191
Prob	2.157e-20
counts	4453 ± 75.2
mean1	-0.113 ± 0.012
sigma1	0.3168 ± 0.0200
fraction	0.6756 ± 0.0275
mean2	-0.0524 ± 0.0029
sigma2	0.1114 ± 0.0037
p0	0.126 ± 0.339
p1	-2.956 ± 0.407
p2	-0.6179 ± 0.1107

events/20MeV
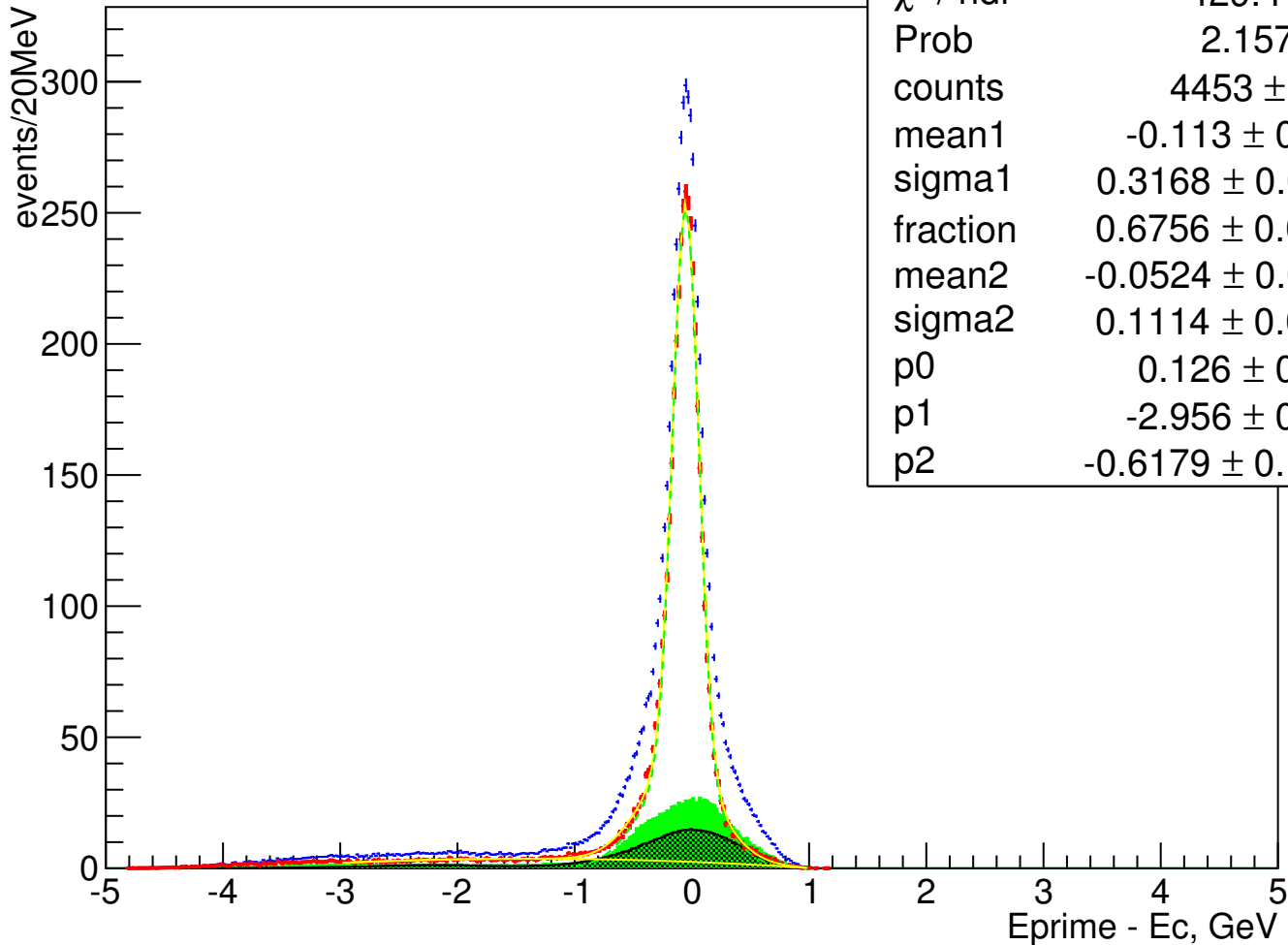
Eprime - Ec, GeV

Eprime-Ec run 64932 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	337.7 / 191
Prob	3.094e-10
counts	4447 ± 76.0
mean1	-0.1182 ± 0.0124
sigma1	0.3127 ± 0.0197
fraction	0.6637 ± 0.0287
mean2	-0.05392 ± 0.00296
sigma2	0.1101 ± 0.0039
p0	0.2122 ± 0.3406
p1	-3.041 ± 0.414
p2	-0.6455 ± 0.1119
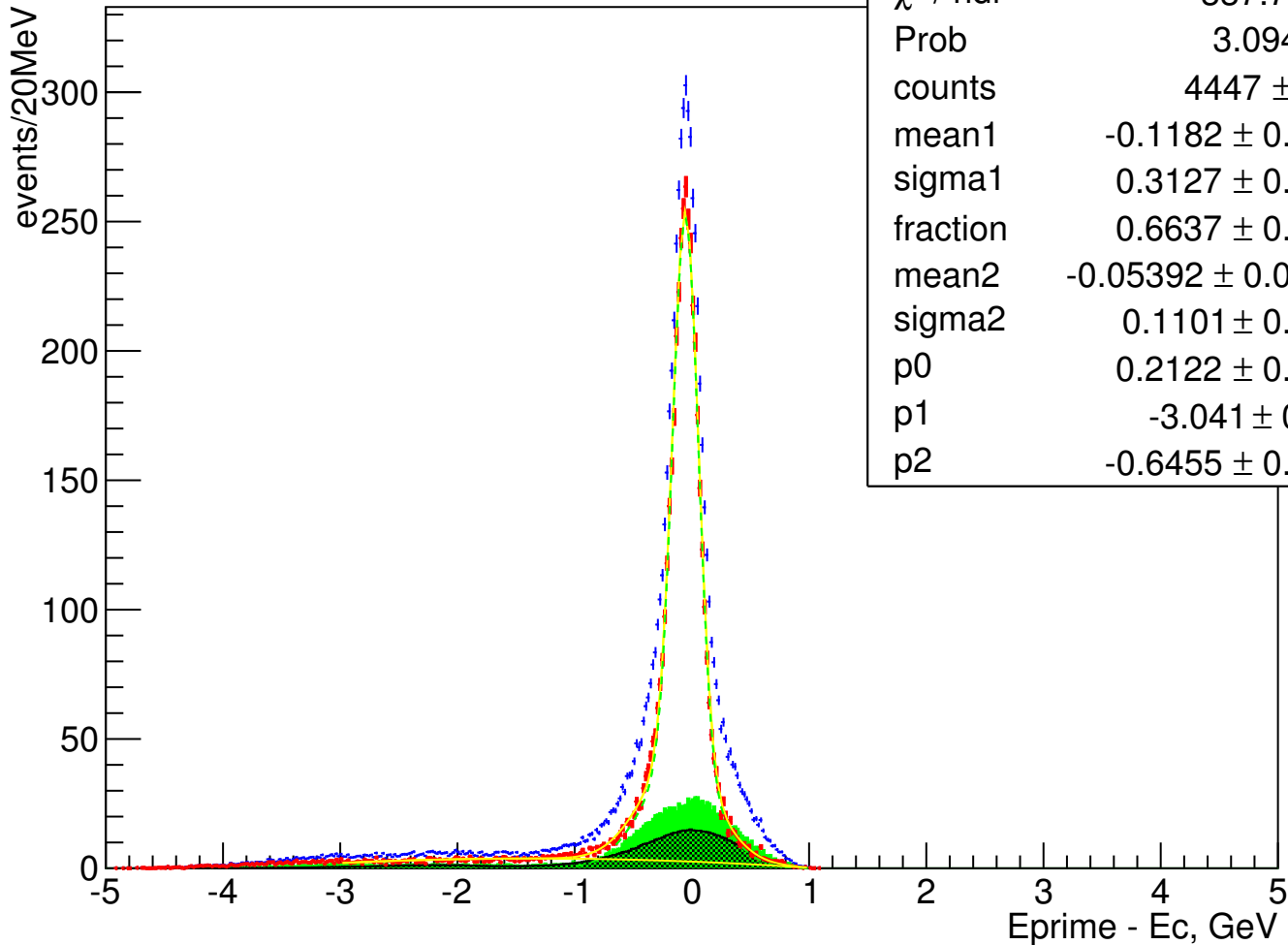
Eprime-Ec run 64933 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	443.8 / 191
Prob	3.605e-22
counts	4474 ± 78.4
mean1	-0.111 ± 0.013
sigma1	0.3309 ± 0.0234
fraction	0.6907 ± 0.0273
mean2	-0.05578 ± 0.00291
sigma2	0.114 ± 0.004
p0	0.3124 ± 0.4282
p1	-2.665 ± 0.428
p2	-0.5503 ± 0.1129
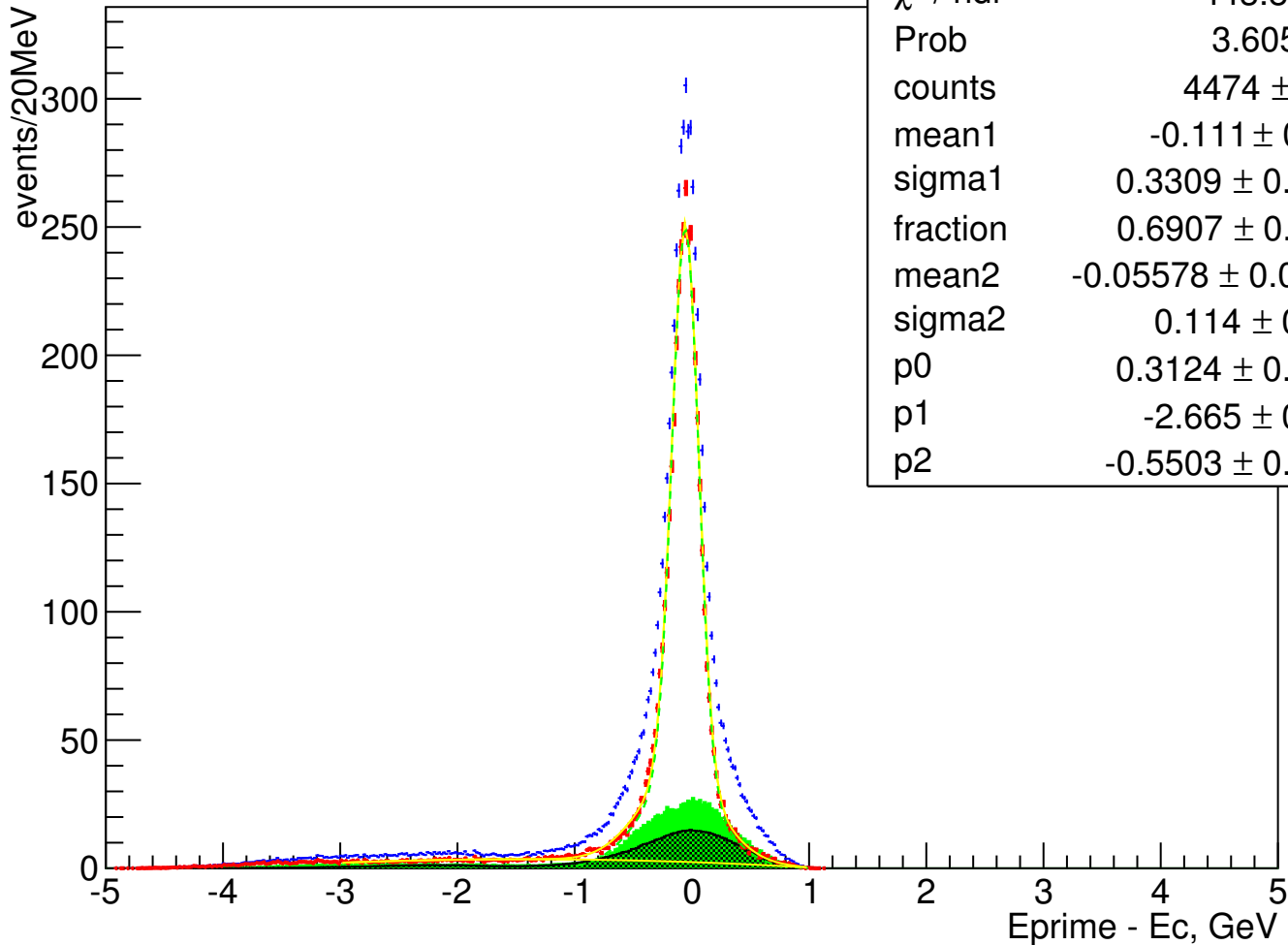
Eprime-Ec run 64935 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	505 / 191
Prob	3.414e-30
counts	4441 ± 75.7
mean1	-0.1079 ± 0.0121
sigma1	0.3152 ± 0.0201
fraction	0.6658 ± 0.0292
mean2	-0.053 ± 0.003
sigma2	0.1107 ± 0.0040
p0	0.2071 ± 0.3381
p1	-2.895 ± 0.403
p2	-0.6091 ± 0.1095

events/20MeV
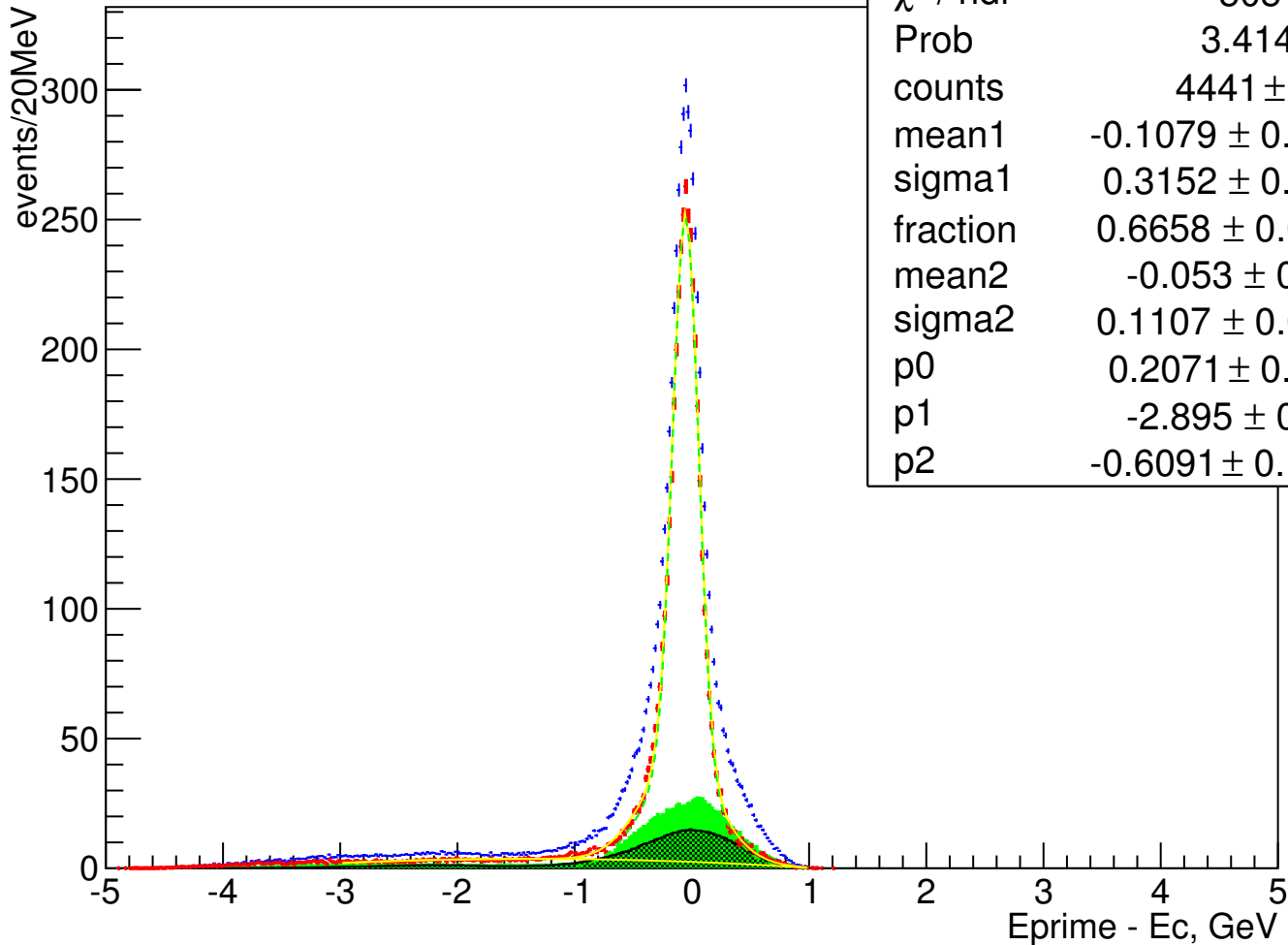
Eprime - Ec, GeV

Eprime-Ec run 64936 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	498.7 / 191
Prob	2.44e-29
counts	4430 ± 75.5
mean1	-0.1094 ± 0.0127
sigma1	0.3171 ± 0.0209
fraction	0.6728 ± 0.0279
mean2	-0.05243 ± 0.00292
sigma2	0.1112 ± 0.0038
p0	0.1839 ± 0.3759
p1	-2.959 ± 0.414
p2	-0.6241 ± 0.1099

events/20MeV
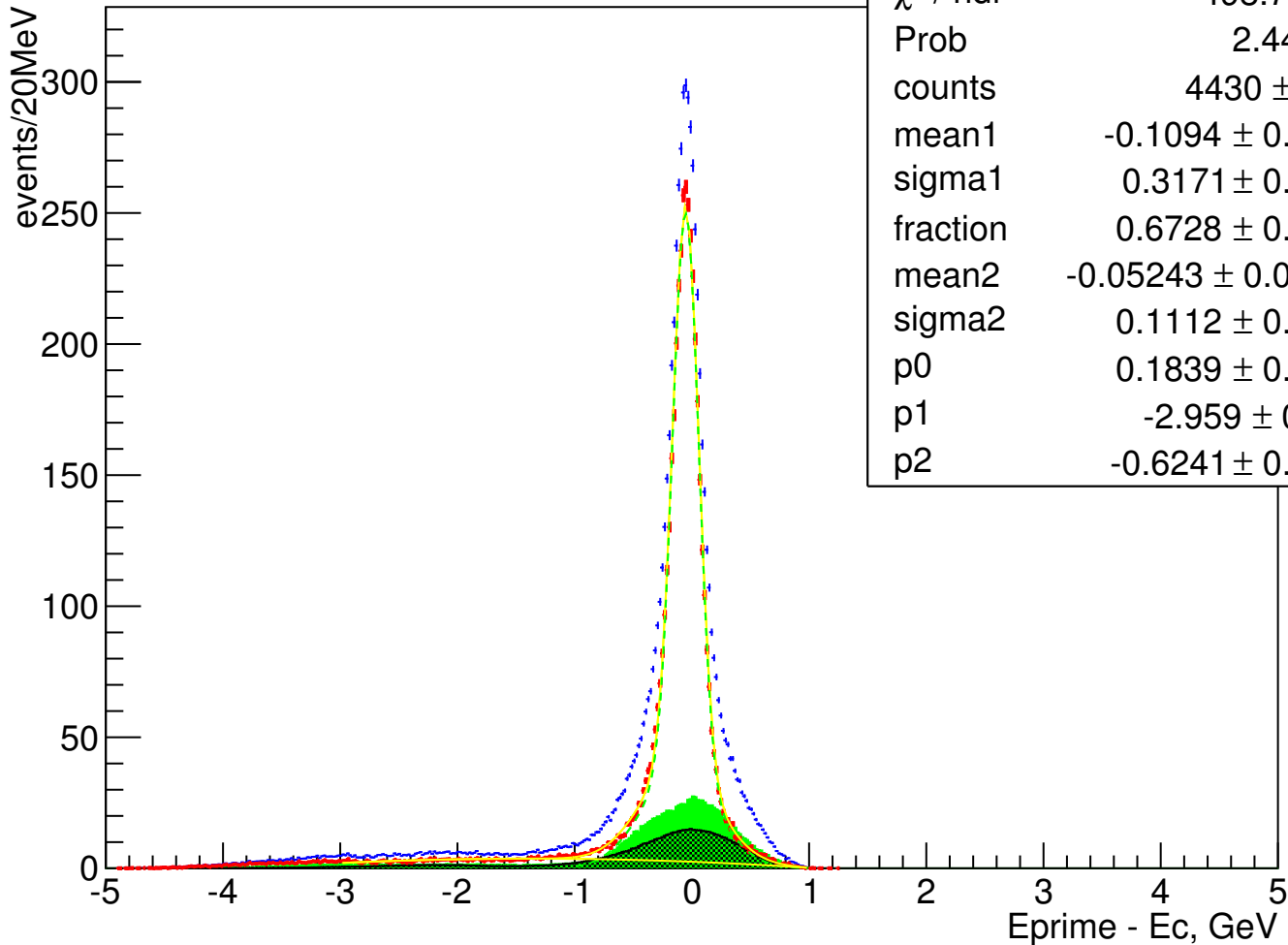
Eprime - Ec, GeV

Eprime-Ec run 64937 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	462.6 / 191
Prob	1.468e-24
counts	4433 ± 75.8
mean1	-0.1087 ± 0.0121
sigma1	0.3105 ± 0.0200
fraction	0.6626 ± 0.0296
mean2	-0.05103 ± 0.00302
sigma2	0.1114 ± 0.0040
p0	0.3463 ± 0.3507
p1	-2.79 ± 0.42
p2	-0.5885 ± 0.1126

events/20MeV
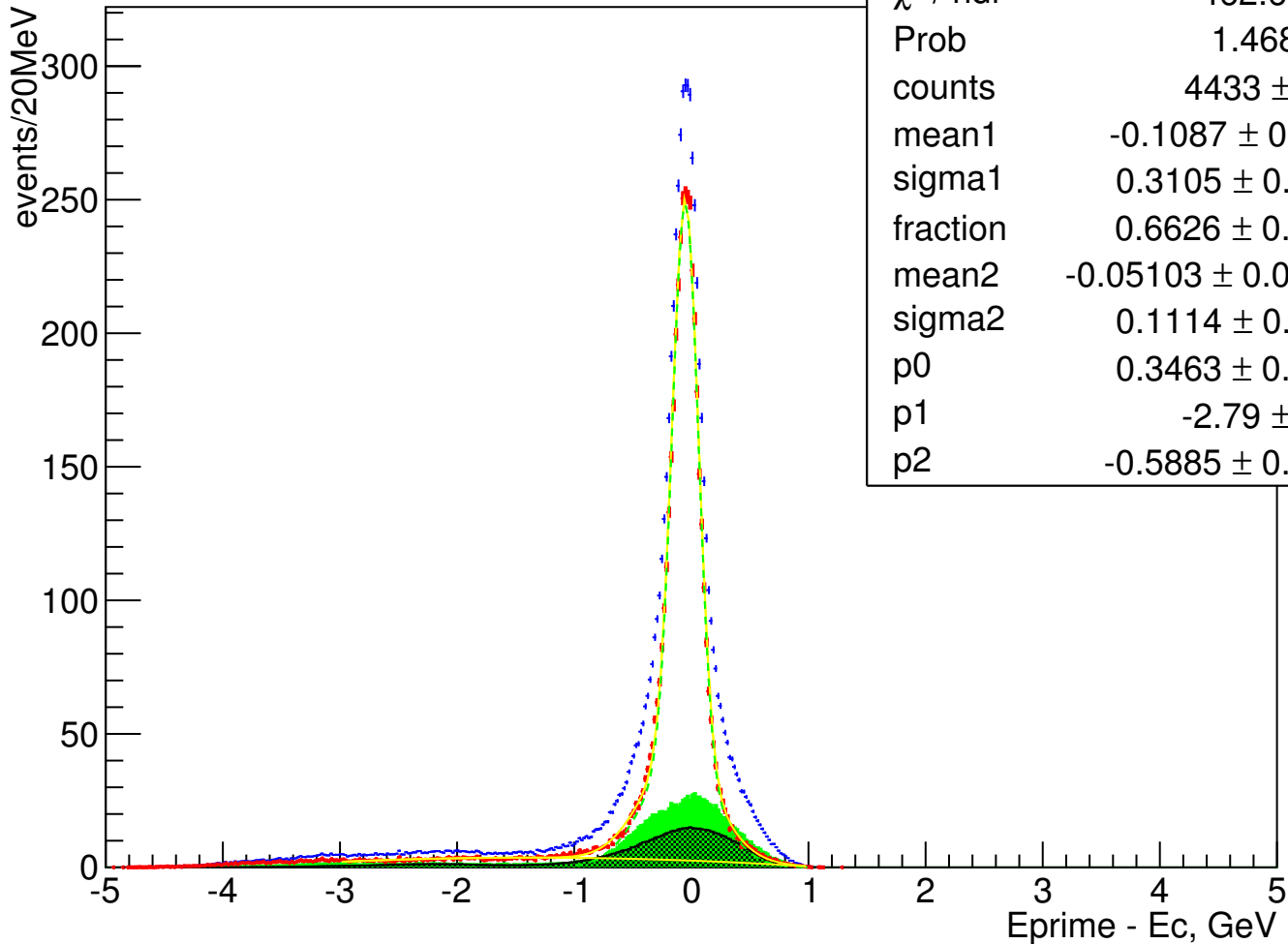
Eprime - Ec, GeV

Eprime-Ec run 64938 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	449.8 / 191
Prob	6.265e-23
counts	4418 ± 75.7
mean1	-0.1067 ± 0.0121
sigma1	0.308 ± 0.020
fraction	0.6661 ± 0.0307
mean2	-0.05011 ± 0.00302
sigma2	0.1113 ± 0.0040
p0	0.2281 ± 0.3735
p1	-2.943 ± 0.418
p2	-0.6213 ± 0.1112
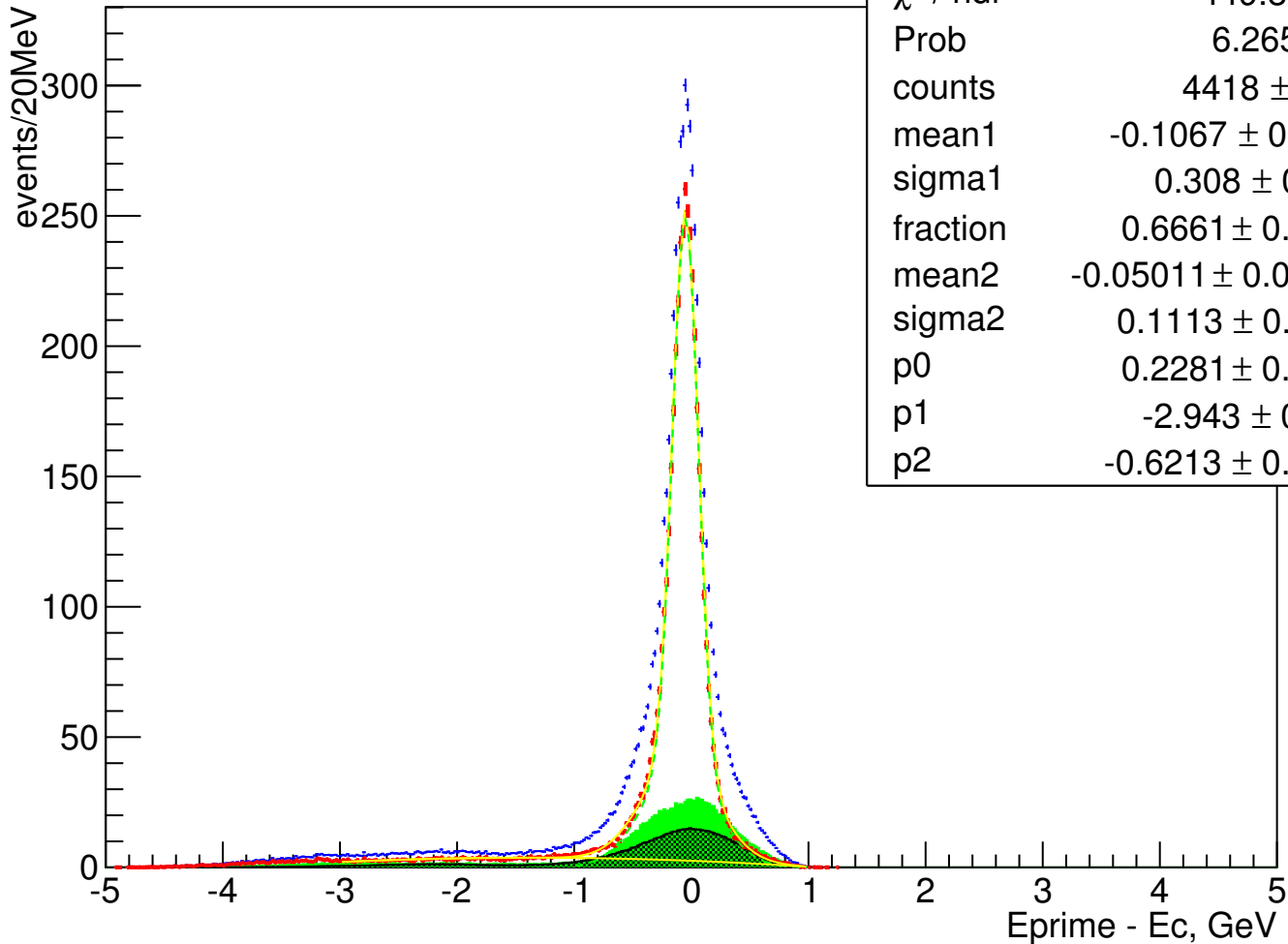
Eprime - Ec, GeV

Eprime-Ec run 64939 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	416.7 / 191
Prob	7.433e-19
counts	4445 ± 72.6
mean1	-0.1084 ± 0.0119
sigma1	0.3129 ± 0.0165
fraction	0.6646 ± 0.0290
mean2	-0.05298 ± 0.00293
sigma2	0.1113 ± 0.0039
p0	1.333e-06 ± 2.318e-02
p1	-3.091 ± 0.368
p2	-0.6481 ± 0.1082
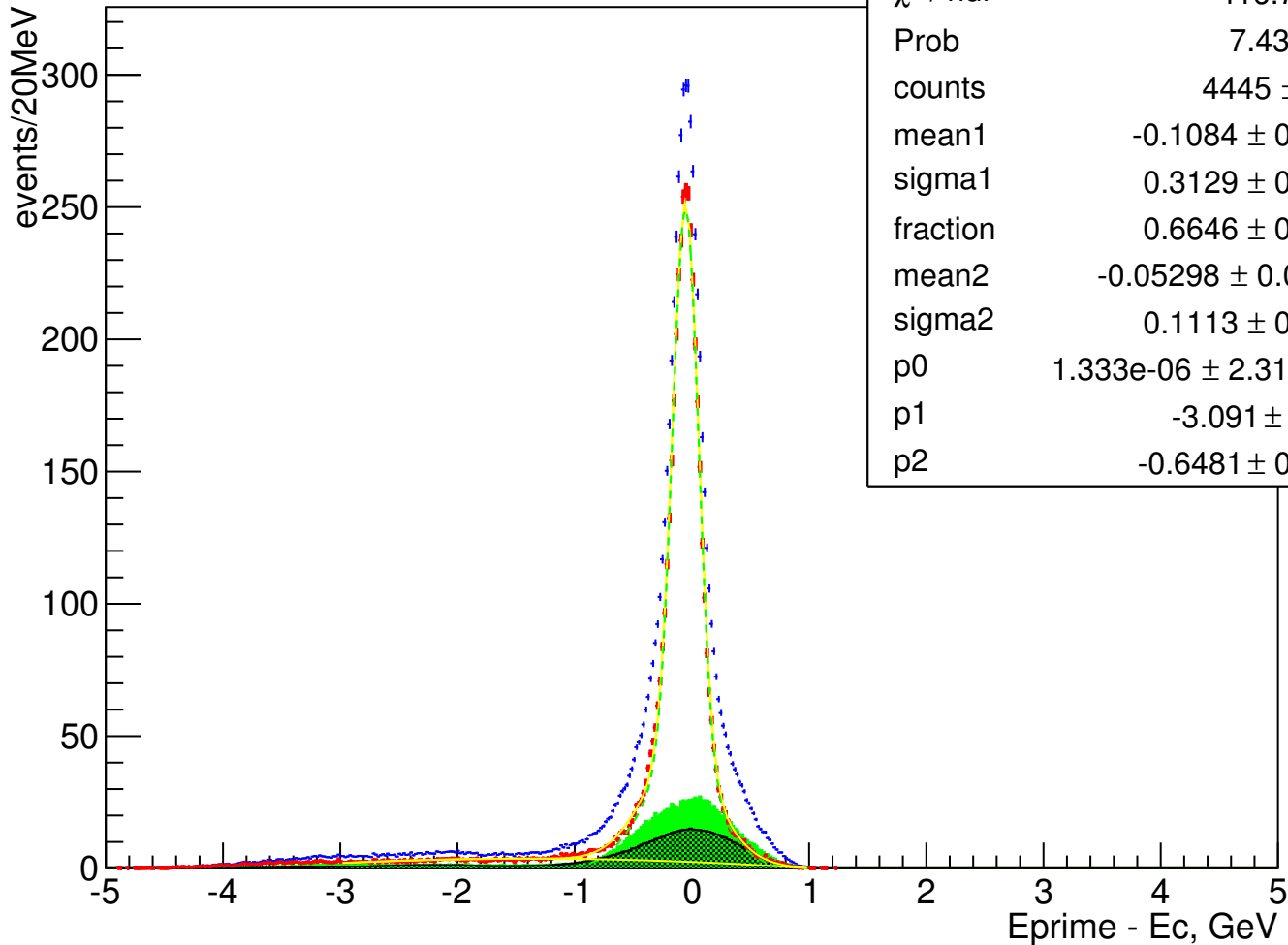
Eprime-Ec run 64943 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	412.8 / 191
Prob	2.203e-18
counts	4419 ± 74.1
mean1	-0.1031 ± 0.0115
sigma1	0.3058 ± 0.0182
fraction	0.6494 ± 0.0296
mean2	-0.04824 ± 0.00298
sigma2	0.1096 ± 0.0040
p0	0.2428 ± 0.3254
p1	-2.964 ± 0.402
p2	-0.6294 ± 0.1094
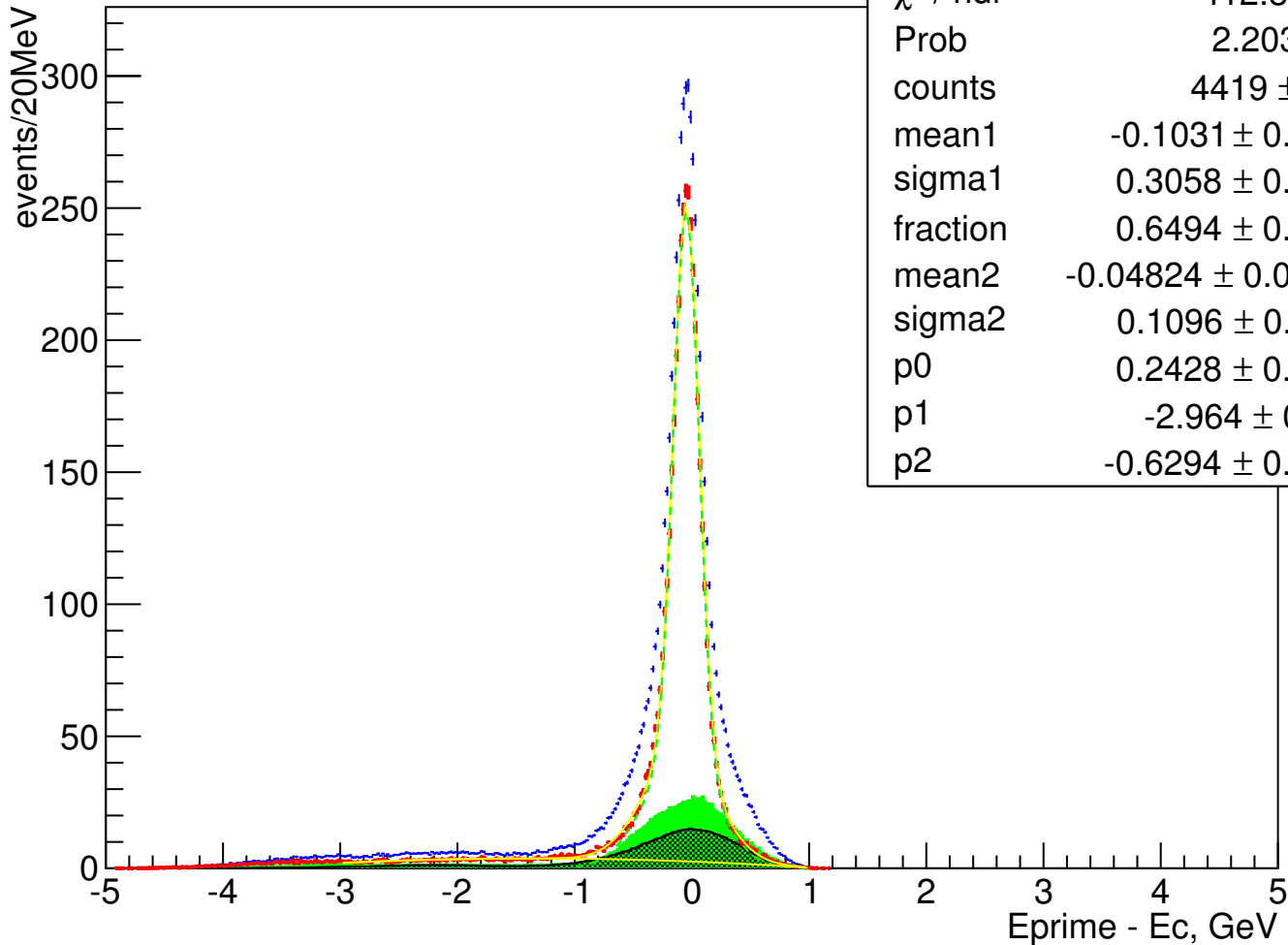
Eprime-Ec run 64945 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	498.6 / 191
Prob	2.494e-29
counts	4464 ± 75.9
mean1	-0.1048 ± 0.0115
sigma1	0.3092 ± 0.0195
fraction	0.6564 ± 0.0301
mean2	-0.05363 ± 0.00302
sigma2	0.1109 ± 0.0040
p0	0.1879 ± 0.3664
p1	-3.039 ± 0.414
p2	-0.6444 ± 0.1105
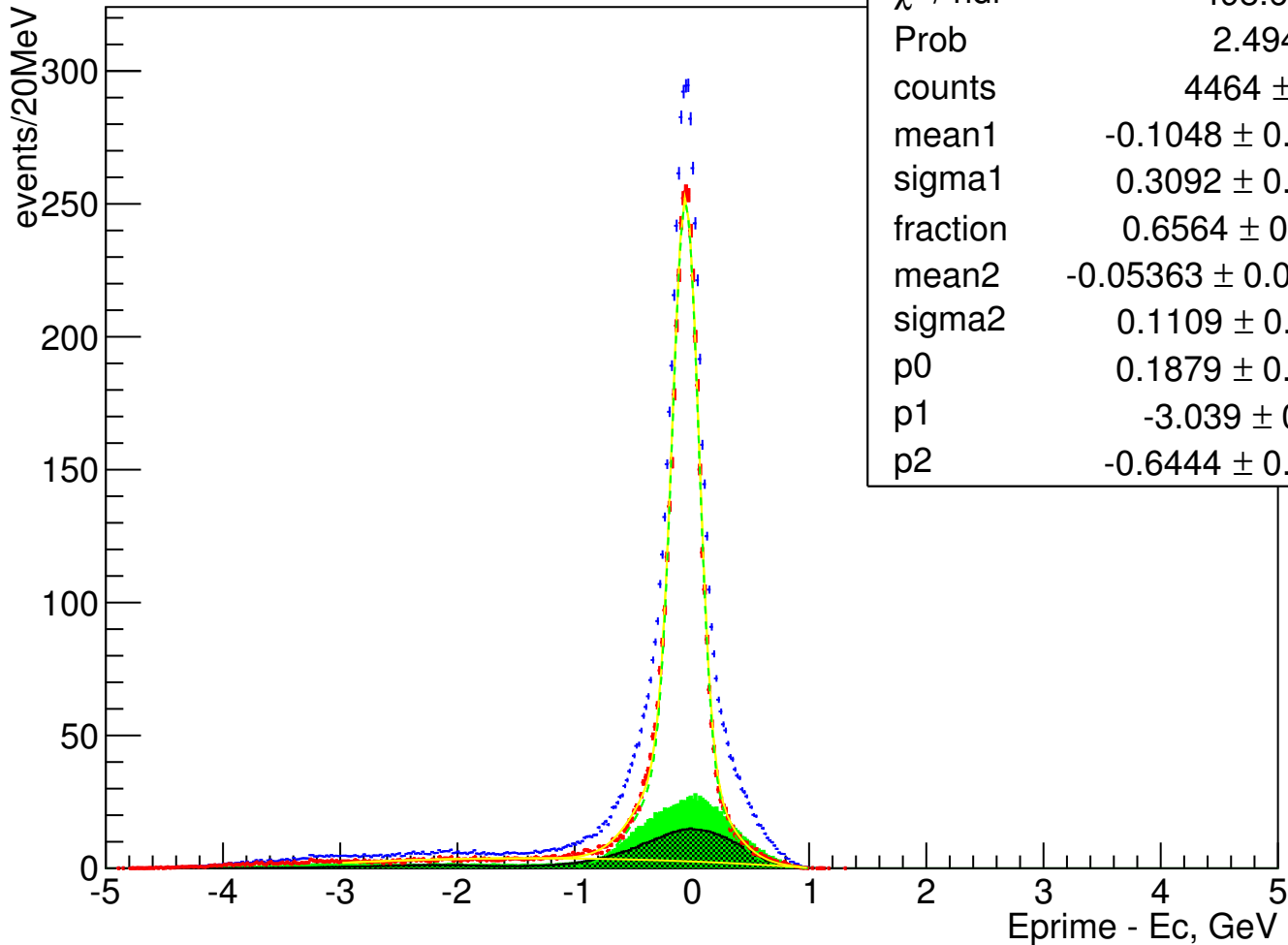
Eprime-Ec run 64946 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	474.6 / 191
Prob	3.964e-26
counts	4420 ± 72.2
mean1	-0.1061 ± 0.0120
sigma1	0.3156 ± 0.0164
fraction	0.6704 ± 0.0282
mean2	-0.05179 ± 0.00291
sigma2	0.1112 ± 0.0038
p0	3.546e-07 ± 2.308e-02
p1	-3.077 ± 0.366
p2	-0.6413 ± 0.1078
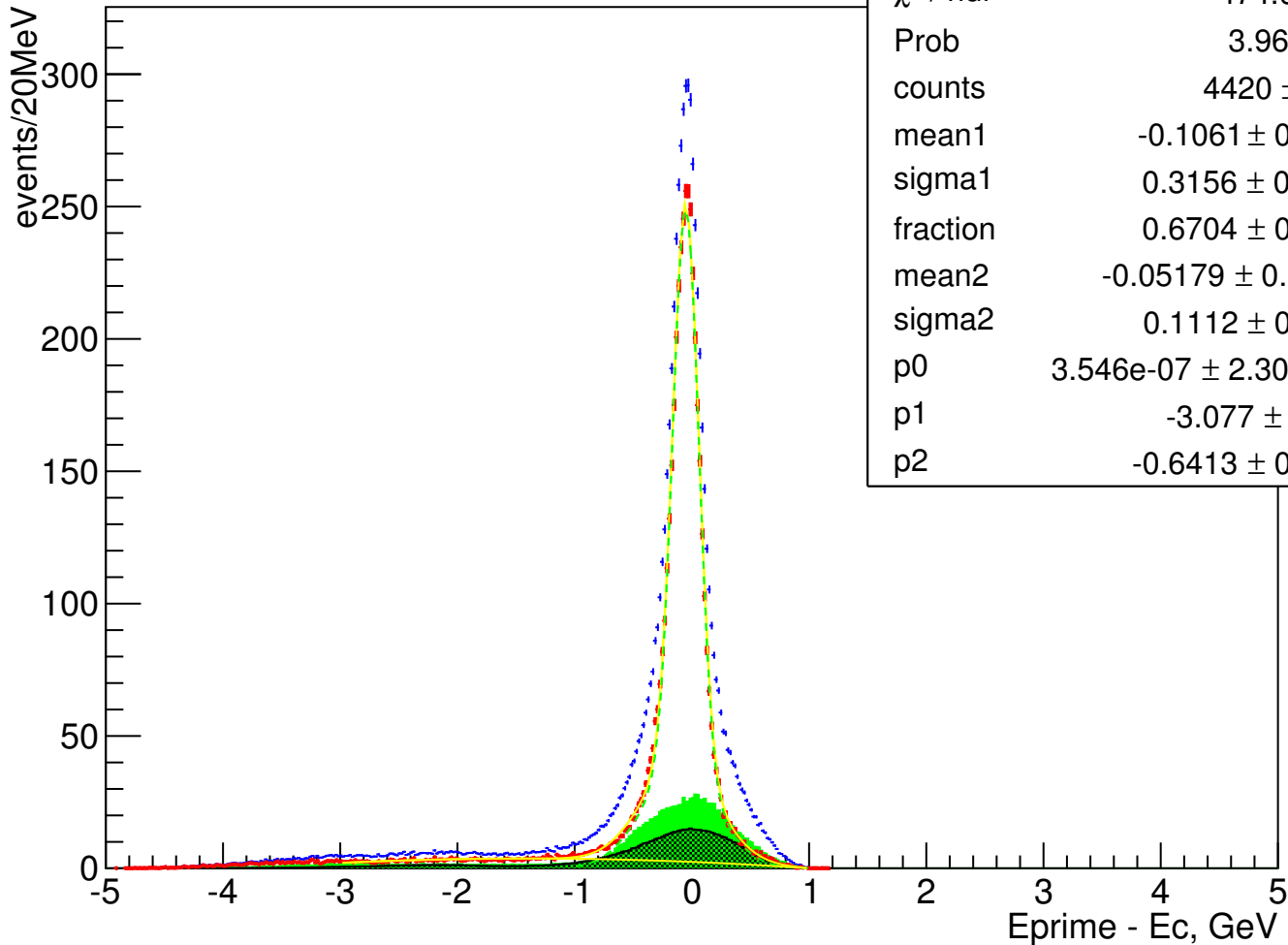
Eprime-Ec run 64947 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	552.6 / 191
Prob	7.306e-37
counts	4457 ± 76.0
mean1	-0.1049 ± 0.0120
sigma1	0.318 ± 0.020
fraction	0.6651 ± 0.0284
mean2	-0.05293 ± 0.00295
sigma2	0.1108 ± 0.0039
p0	0.2394 ± 0.3555
p1	-2.9 ± 0.4
p2	-0.6157 ± 0.1094
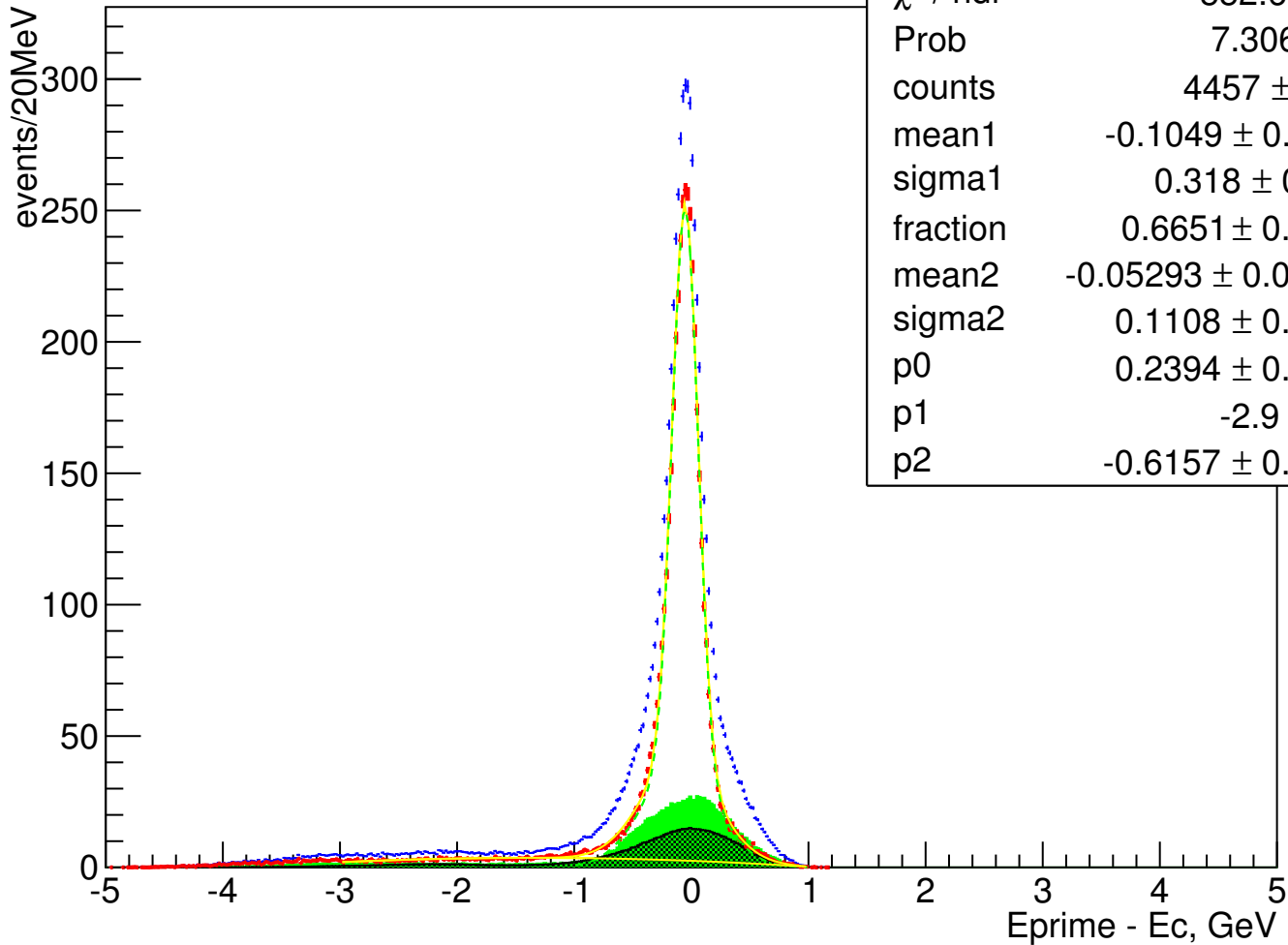
Eprime-Ec run 64950 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	448.7 / 191
Prob	8.669e-23
counts	4408 ± 75.7
mean1	-0.1017 ± 0.0113
sigma1	0.2998 ± 0.0188
fraction	0.6503 ± 0.0290
mean2	-0.05075 ± 0.00301
sigma2	0.1096 ± 0.0038
p0	0.4773 ± 0.3847
p1	-2.833 ± 0.422
p2	-0.6148 ± 0.1105
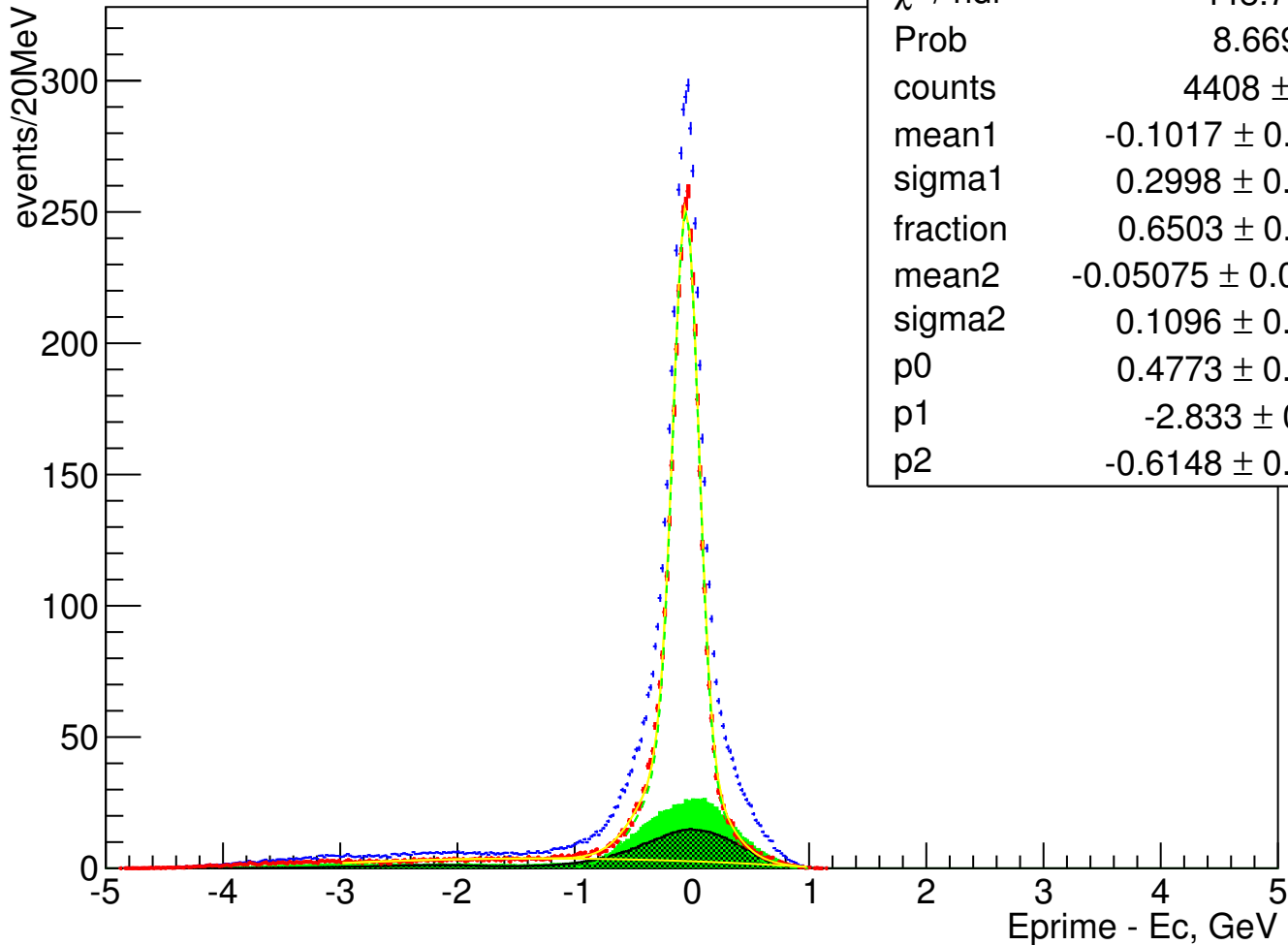
Eprime-Ec run 64951 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	506.8 / 191
Prob	1.941e-30
counts	4506 ± 76.2
mean1	-0.1105 ± 0.0119
sigma1	0.3121 ± 0.0203
fraction	0.669 ± 0.030
mean2	-0.06096 ± 0.00295
sigma2	0.1115 ± 0.0040
p0	0.2443 ± 0.3618
p1	-2.882 ± 0.410
p2	-0.6105 ± 0.1095
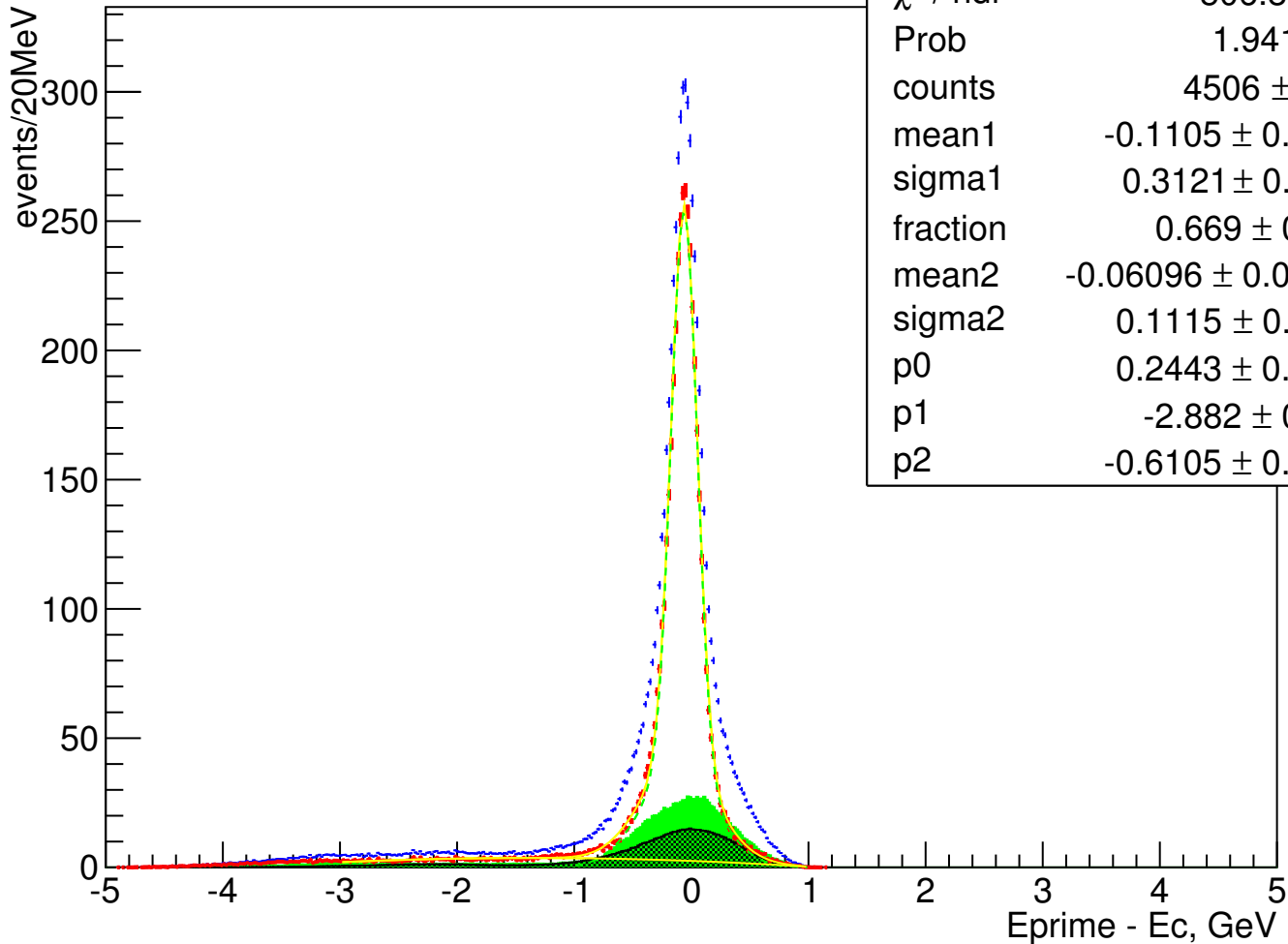
Eprime-Ec run 64952 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	545.7 / 191
Prob	7.187e-36
counts	4556 ± 76.4
mean1	-0.116 ± 0.012
sigma1	0.3141 ± 0.0193
fraction	0.6618 ± 0.0287
mean2	-0.06107 ± 0.00296
sigma2	0.1114 ± 0.0039
p0	0.2591 ± 0.3544
p1	-2.806 ± 0.406
p2	-0.5901 ± 0.1088
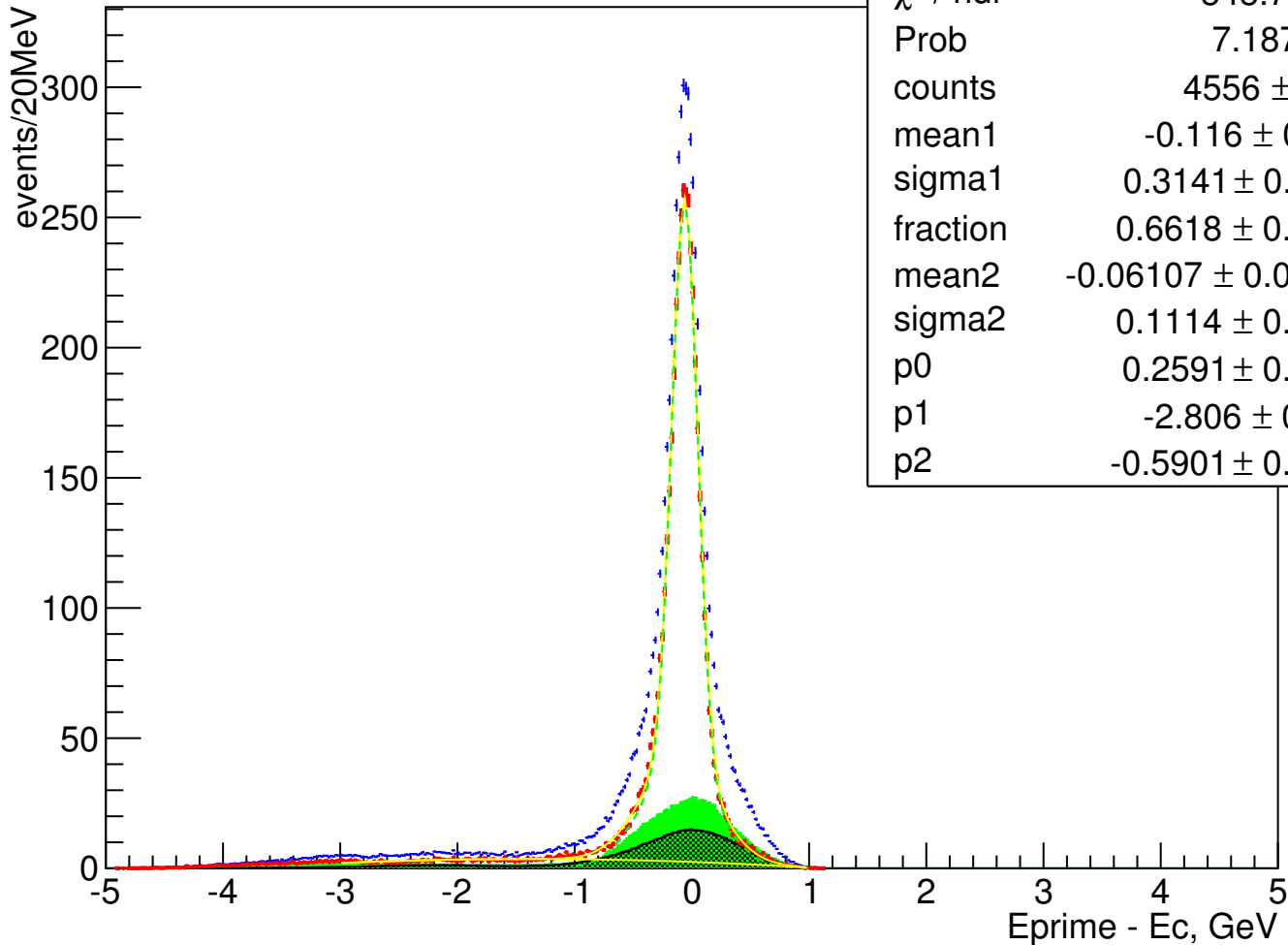
Eprime-Ec run 64959 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	427.7 / 191
Prob	3.524e-20
counts	4839 ± 75.7
mean1	-0.1374 ± 0.0115
sigma1	0.3346 ± 0.0157
fraction	0.6647 ± 0.0252
mean2	-0.09778 ± 0.00284
sigma2	0.1157 ± 0.0036
p0	2.21e-07 ± 9.26e-01
p1	-2.877 ± 0.370
p2	-0.5882 ± 0.1092

events/20MeV
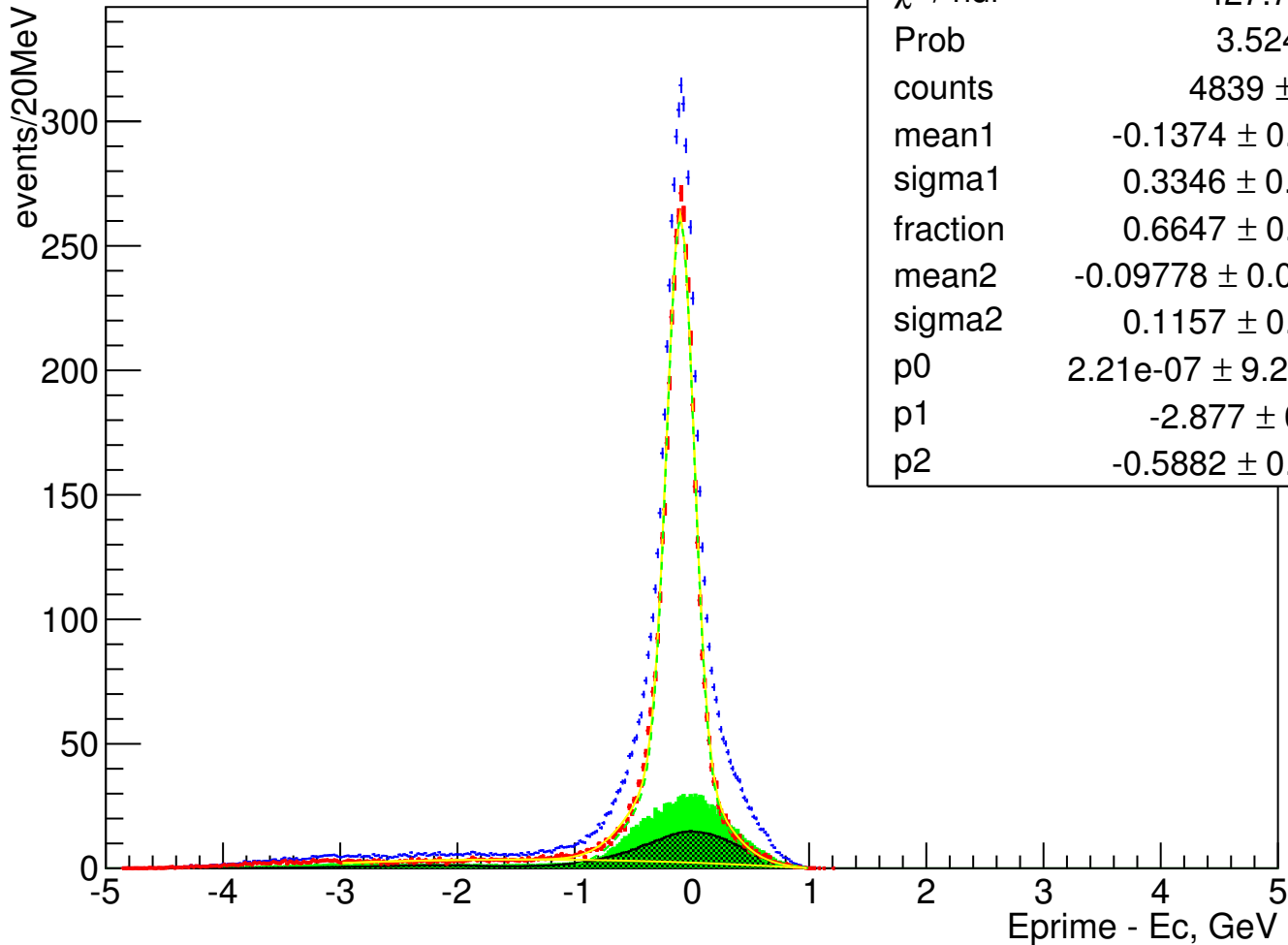
Eprime - Ec, GeV

Eprime-Ec run 64960 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	506.4 / 191
Prob	2.184e-30
counts	4583 ± 75.9
mean1	-0.1157 ± 0.0111
sigma1	0.313 ± 0.018
fraction	0.6492 ± 0.0287
mean2	-0.06792 ± 0.00296
sigma2	0.1107 ± 0.0039
p0	0.1223 ± 0.3152
p1	-3.03 ± 0.40
p2	-0.6348 ± 0.1095
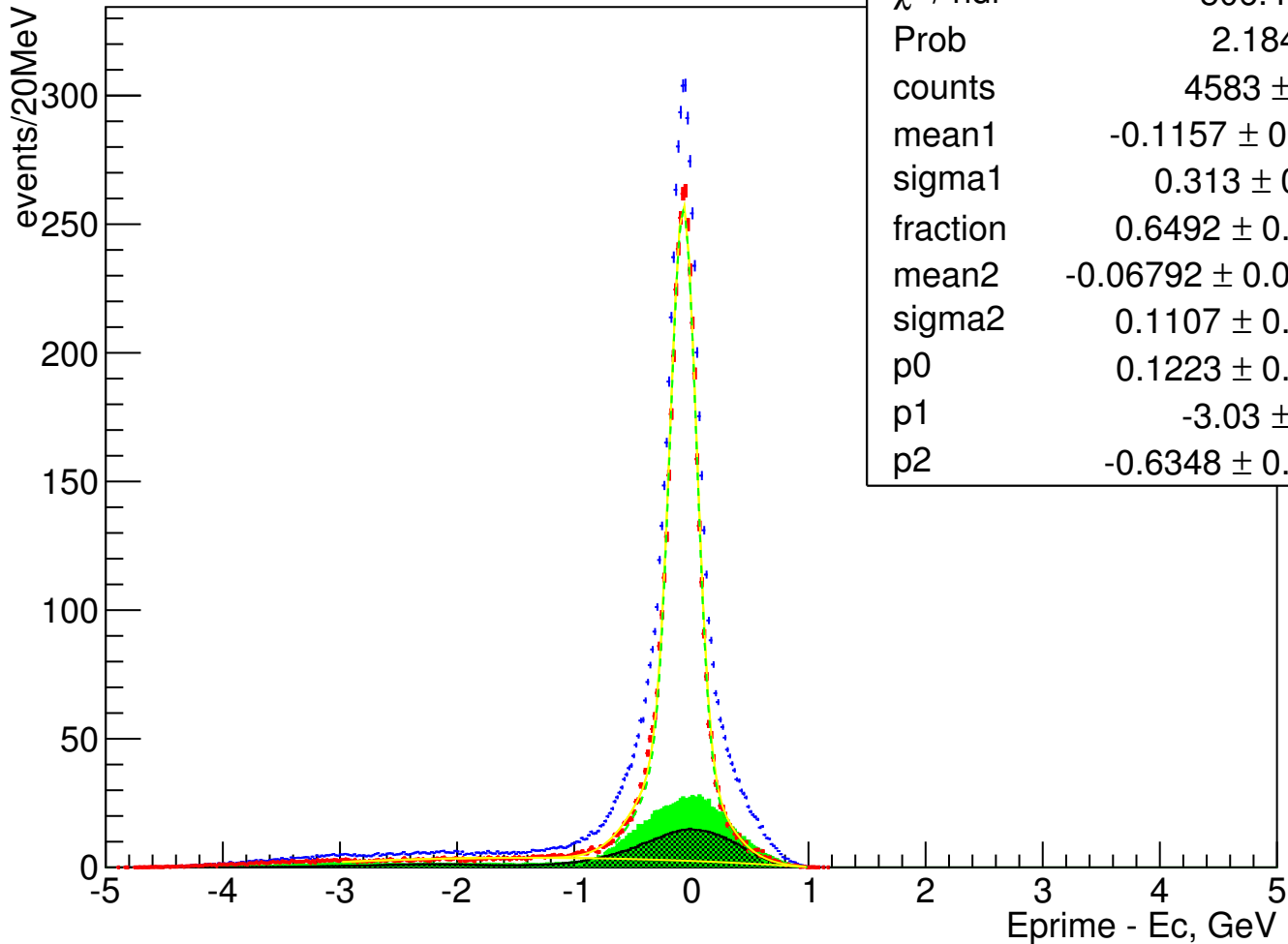
Eprime-Ec run 64961 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	445.4 / 191
Prob	2.265e-22
counts	4333 ± 73.5
mean1	-0.09999 ± 0.01165
sigma1	0.2994 ± 0.0191
fraction	0.6478 ± 0.0311
mean2	-0.04199 ± 0.00304
sigma2	0.1091 ± 0.0041
p0	0.2651 ± 0.3493
p1	-3.085 ± 0.413
p2	-0.6642 ± 0.1101
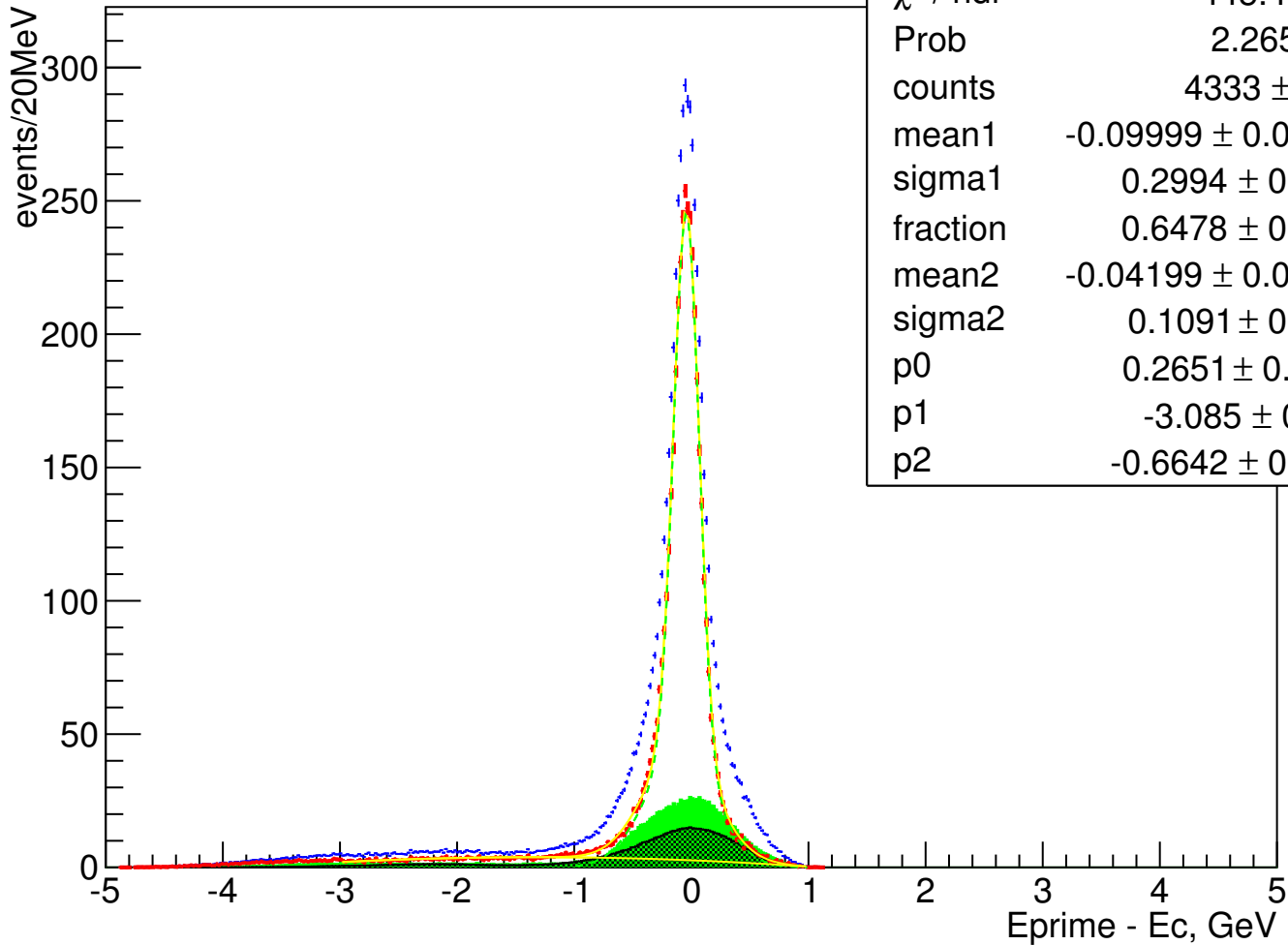
Eprime-Ec run 64962 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	520.8 / 191
Prob	2.274e-32
counts	4461 ± 72.2
mean1	-0.1053 ± 0.0116
sigma1	0.3117 ± 0.0164
fraction	0.656 ± 0.030
mean2	-0.0514 ± 0.0030
sigma2	0.1111 ± 0.0040
p0	4.027e-06 ± 2.342e-02
p1	-3.144 ± 0.370
p2	-0.6623 ± 0.1090
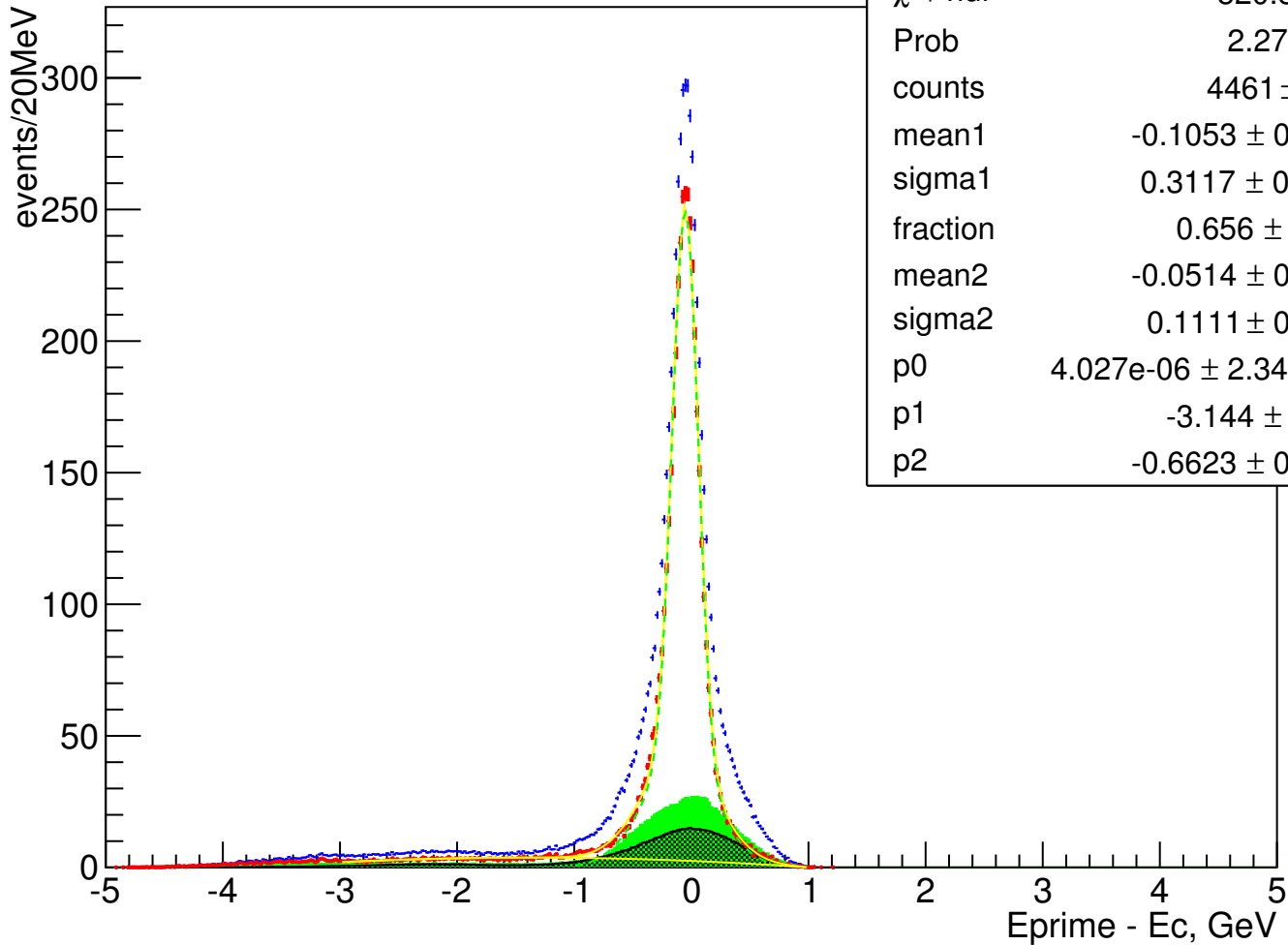
Eprime-Ec run 64963 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	506.4 / 191
Prob	2.189e-30
counts	4464 ± 75.1
mean1	-0.1132 ± 0.0117
sigma1	0.3084 ± 0.0190
fraction	0.6517 ± 0.0289
mean2	-0.05477 ± 0.00304
sigma2	0.1107 ± 0.0039
p0	0.3235 ± 0.3520
p1	-2.927 ± 0.417
p2	-0.622 ± 0.113
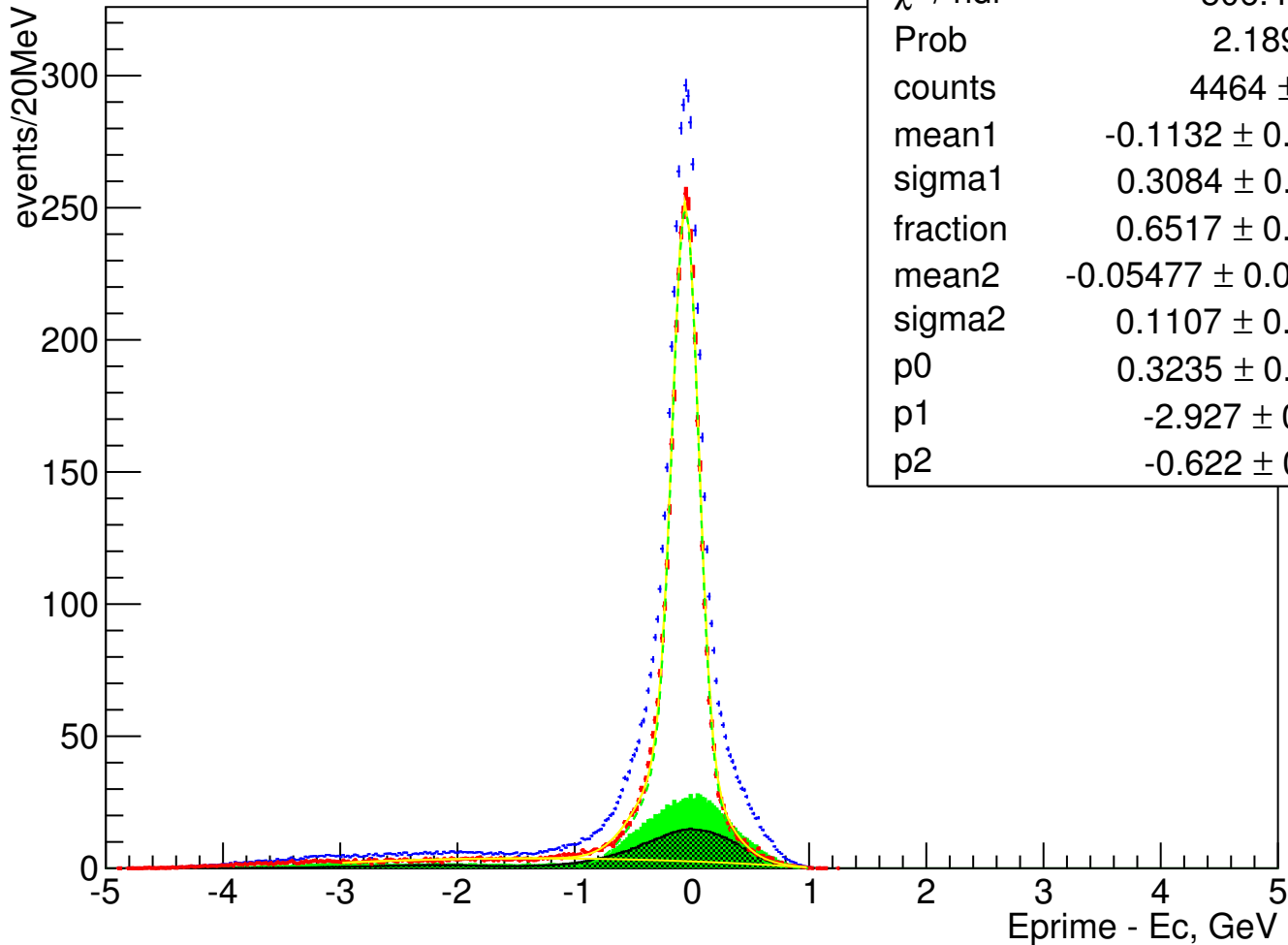
Eprime-Ec run 64964 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	402.7 / 191
Prob	3.374e-17
counts	4375 ± 74.2
mean1	-0.101 ± 0.012
sigma1	0.2951 ± 0.0196
fraction	0.6467 ± 0.0326
mean2	-0.04259 ± 0.00307
sigma2	0.1094 ± 0.0041
p0	0.3411 ± 0.3706
p1	-2.983 ± 0.414
p2	-0.6453 ± 0.1100
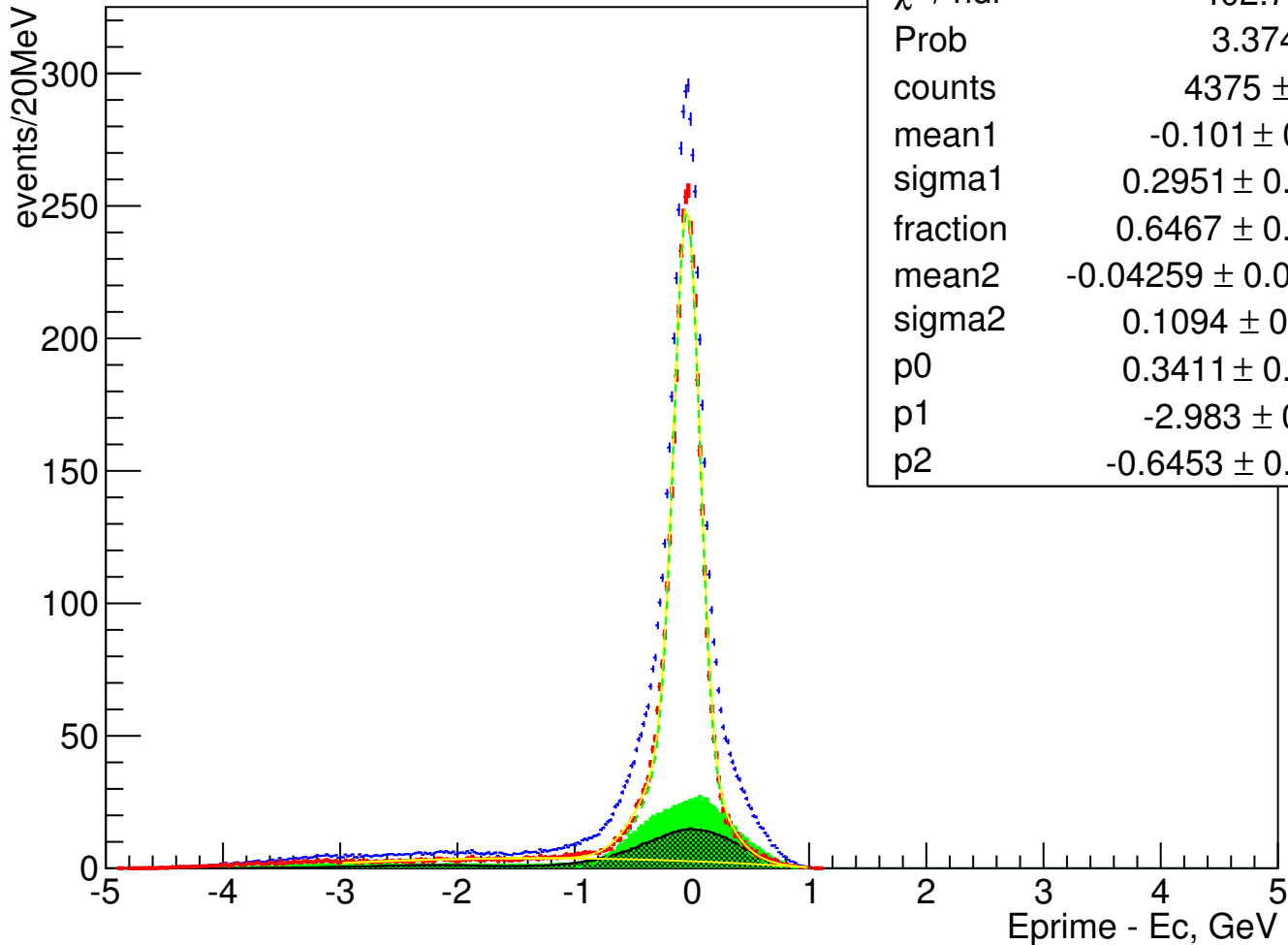
Eprime-Ec run 64965 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	425 / 191
Prob	7.464e-20
counts	4489 ± 76.0
mean1	-0.1113 ± 0.0118
sigma1	0.3172 ± 0.0188
fraction	0.6552 ± 0.0274
mean2	-0.05281 ± 0.00296
sigma2	0.1102 ± 0.0038
p0	0.1918 ± 0.3315
p1	-2.803 ± 0.408
p2	-0.5721 ± 0.1121
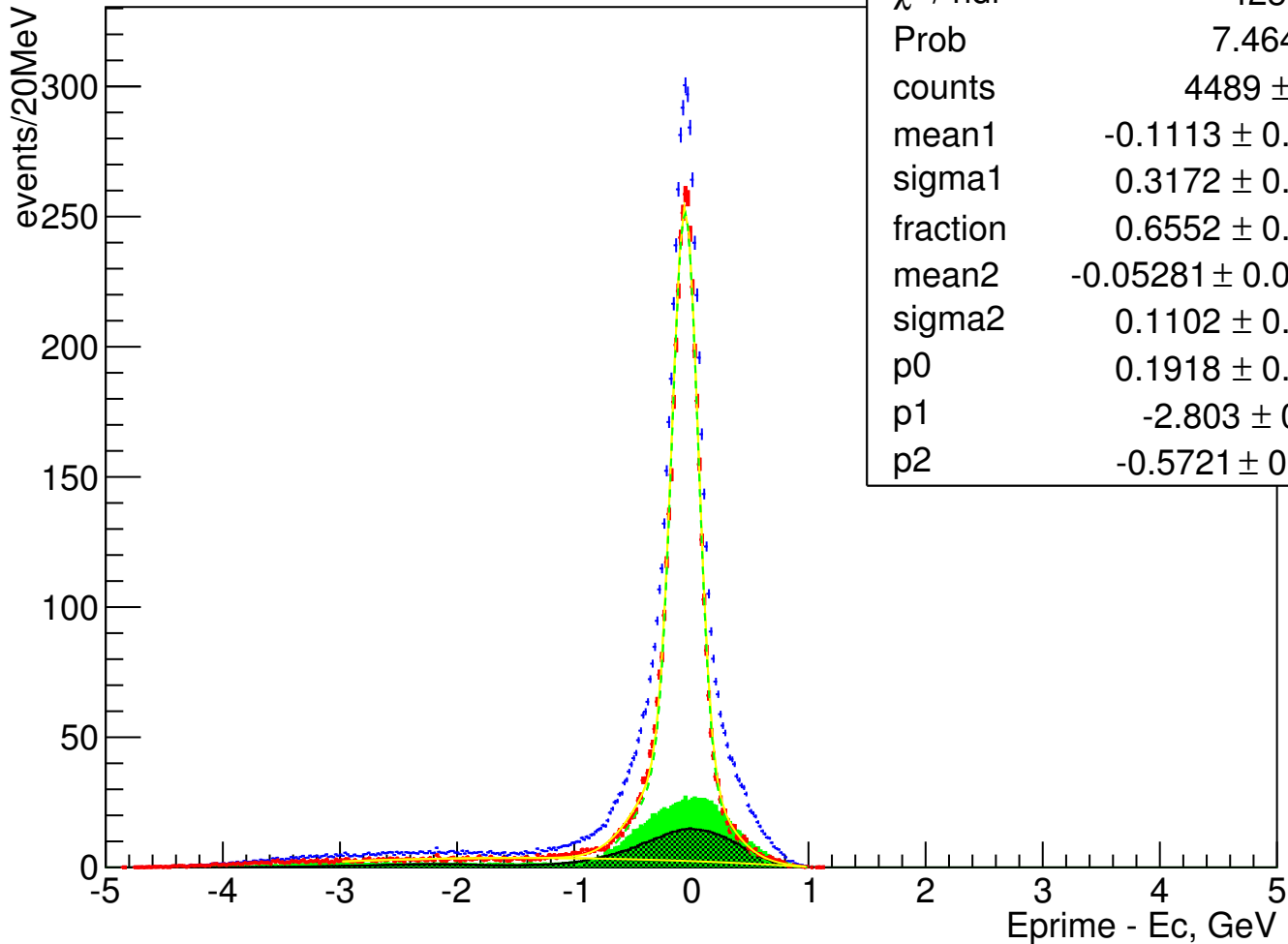
Eprime-Ec run 64969 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	193.8 / 191
Prob	0.4301
counts	4469 ± 73.2
mean1	-0.109 ± 0.011
sigma1	0.295 ± 0.017
fraction	0.646 ± 0.031
mean2	-0.05572 ± 0.00300
sigma2	0.1096 ± 0.0040
p0	0.536 ± 0.335
p1	-2.7 ± 0.4
p2	-0.57 ± 0.11

events/20MeV
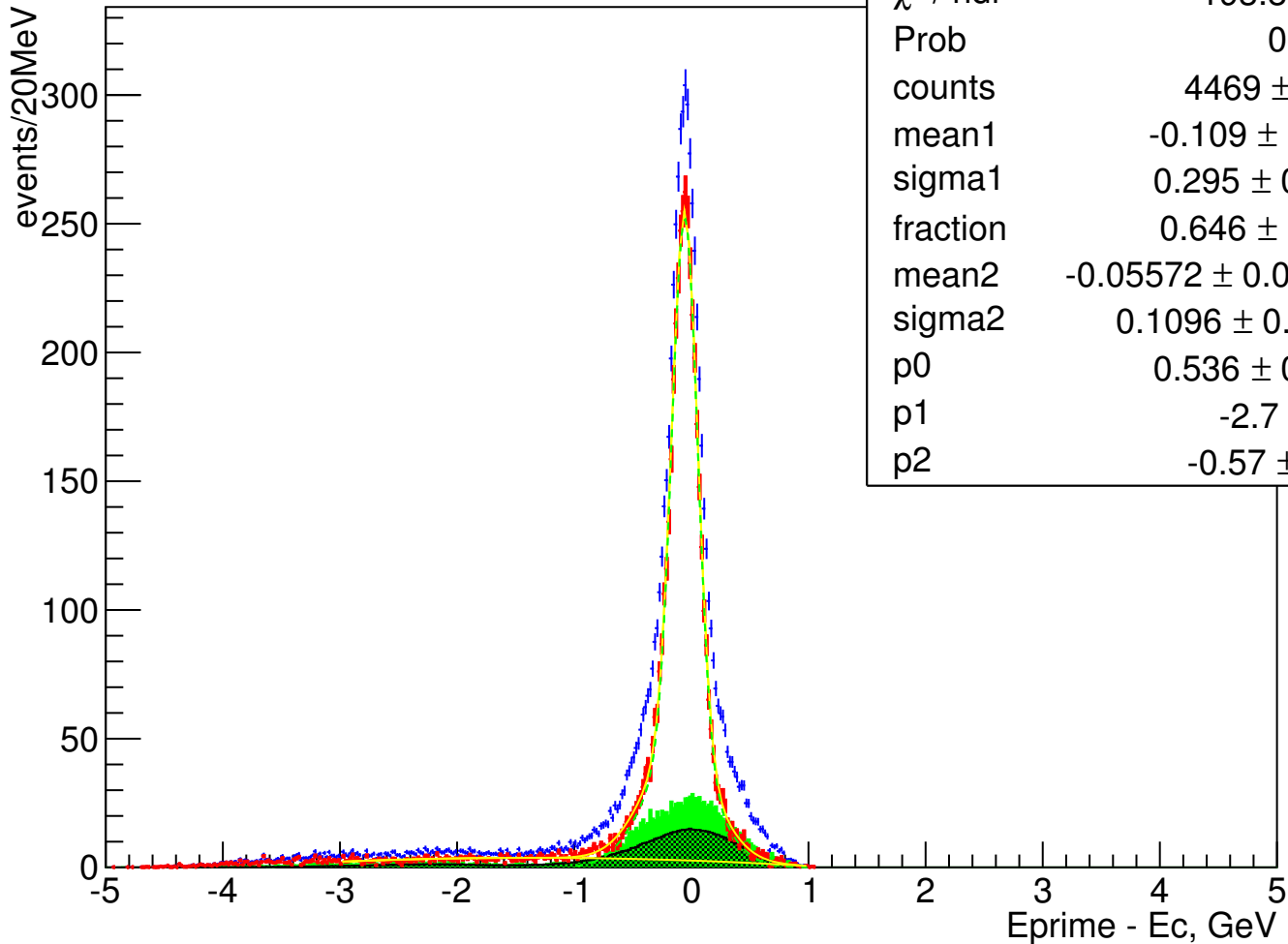
Eprime - Ec, GeV

Eprime-Ec run 64970 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	469.1 / 191
Prob	2.066e-25
counts	4554 ± 77.0
mean1	-0.1176 ± 0.0119
sigma1	0.3211 ± 0.0202
fraction	0.6612 ± 0.0275
mean2	-0.06516 ± 0.00288
sigma2	0.112 ± 0.004
p0	0.2145 ± 0.3466
p1	-2.864 ± 0.411
p2	-0.5998 ± 0.1118

events/20MeV
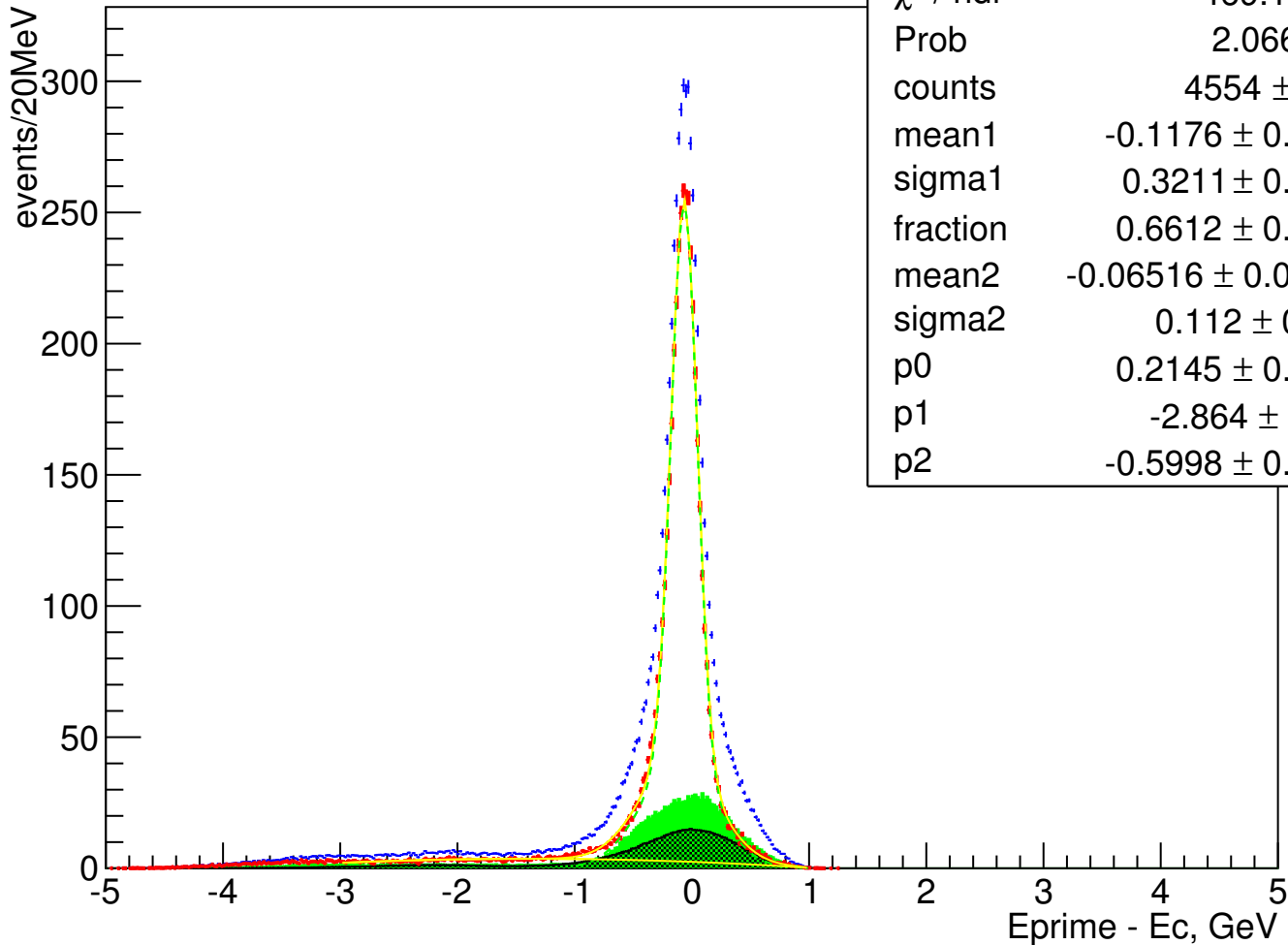
Eprime - Ec, GeV

Eprime-Ec run 64971 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	430.3 / 191
Prob	1.713e-20
counts	4411 ± 74.7
mean1	-0.1057 ± 0.0118
sigma1	0.3075 ± 0.0187
fraction	0.6527 ± 0.0303
mean2	-0.04845 ± 0.00305
sigma2	0.1114 ± 0.0040
p0	0.2424 ± 0.3436
p1	-3.035 ± 0.410
p2	-0.65 ± 0.11

events/20MeV
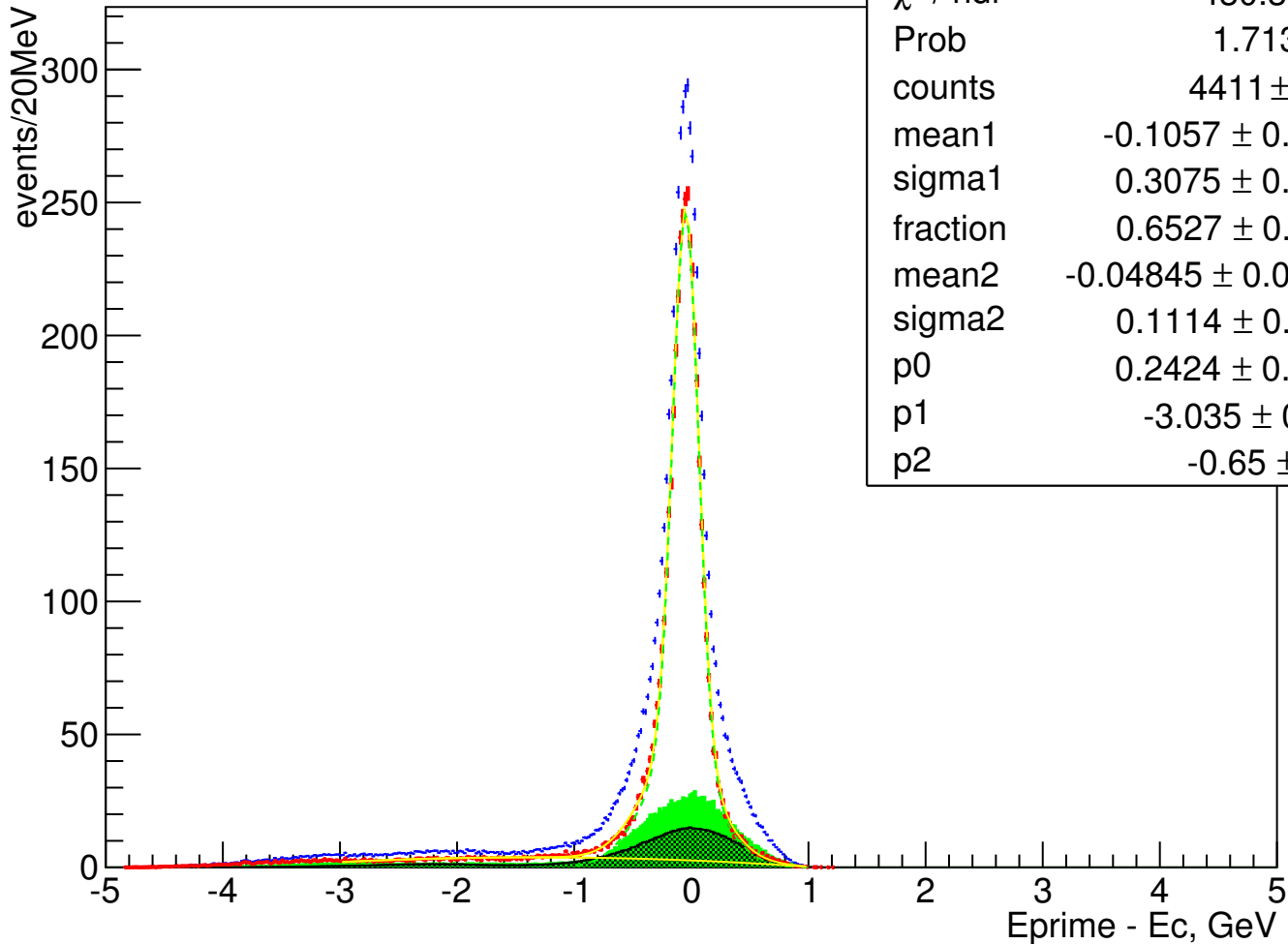
Eprime - Ec, GeV

Eprime-Ec run 64972 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	418.4 / 191
Prob	4.743e-19
counts	4457 ± 75.0
mean1	-0.1063 ± 0.0113
sigma1	0.3057 ± 0.0186
fraction	0.6494 ± 0.0311
mean2	-0.05349 ± 0.00306
sigma2	0.1108 ± 0.0041
p0	0.2041 ± 0.3321
p1	-2.947 ± 0.404
p2	-0.6215 ± 0.1091

events/20MeV
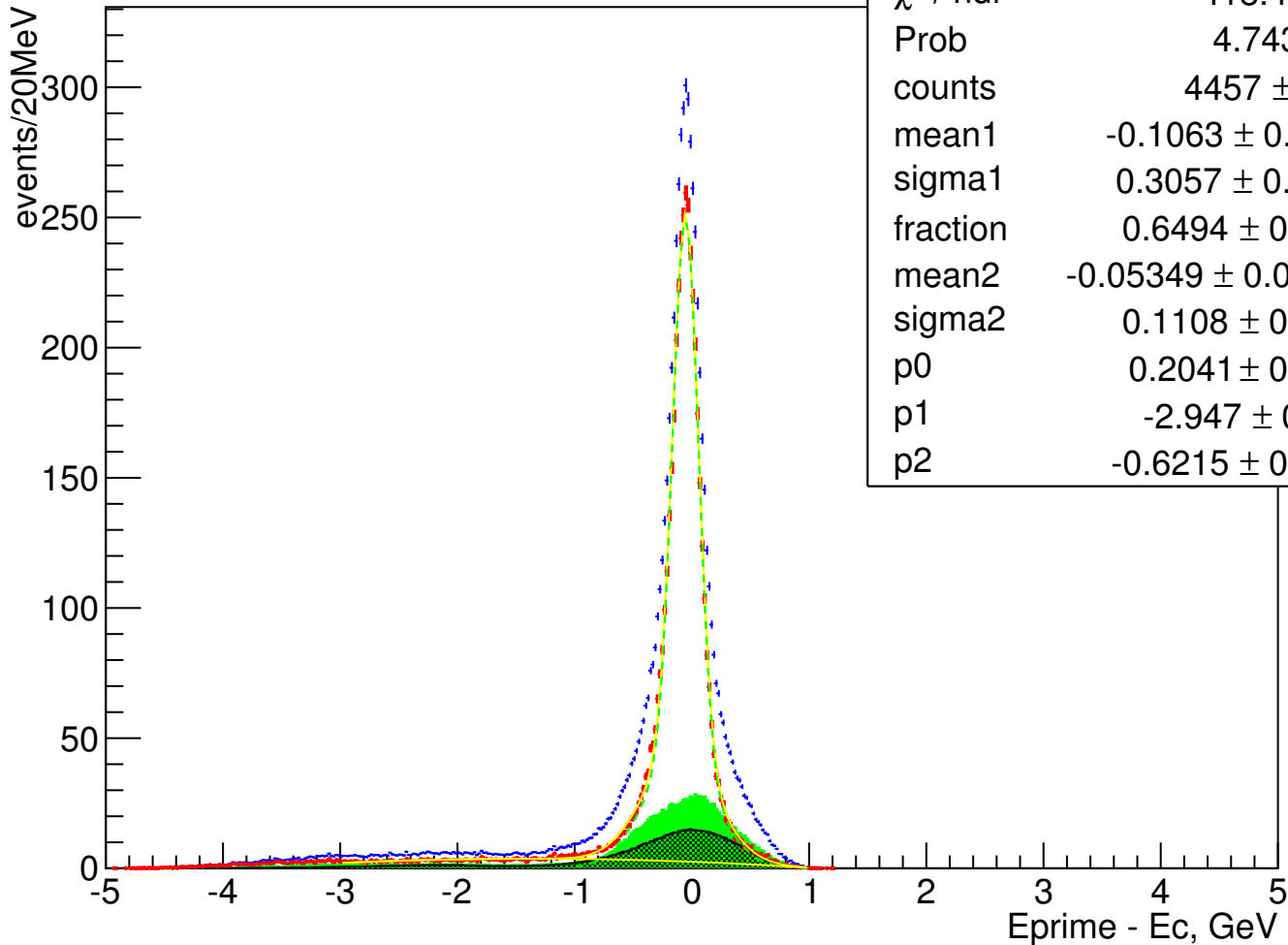
Eprime - Ec, GeV

Eprime-Ec run 64973 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	354.1 / 191
Prob	7.158e-12
counts	4438 ± 75.7
mean1	-0.1082 ± 0.0126
sigma1	0.31 ± 0.02
fraction	0.6501 ± 0.0310
mean2	-0.04332 ± 0.00309
sigma2	0.1112 ± 0.0043
p0	0.2872 ± 0.3286
p1	-2.963 ± 0.410
p2	-0.6285 ± 0.1121
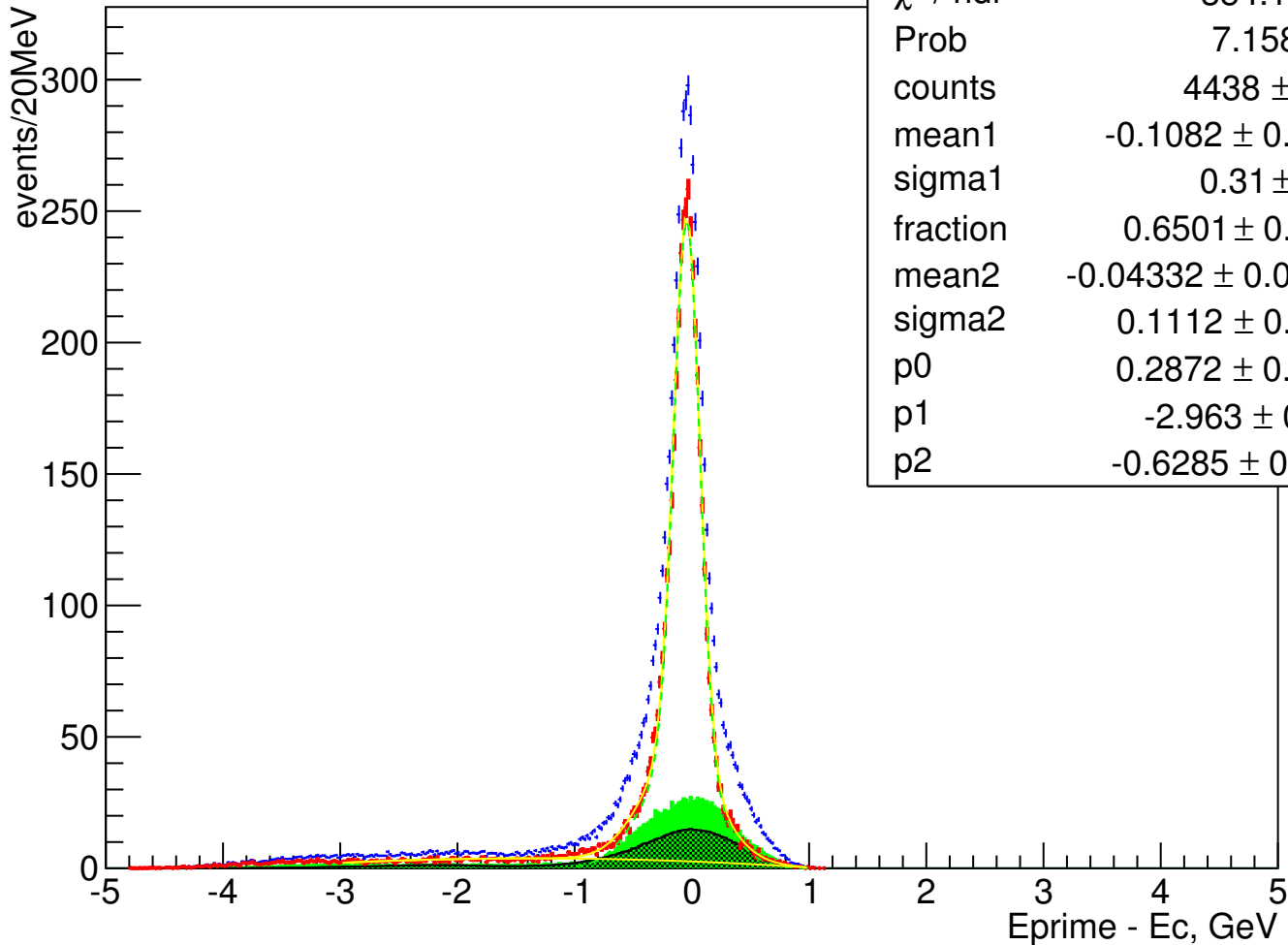
Eprime-Ec run 64974 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	444.9 / 191
Prob	2.62e-22
counts	4529 ± 75.8
mean1	-0.1177 ± 0.0119
sigma1	0.3124 ± 0.0198
fraction	0.6612 ± 0.0287
mean2	-0.05831 ± 0.00298
sigma2	0.1117 ± 0.0039
p0	0.2265 ± 0.3560
p1	-2.951 ± 0.415
p2	-0.6332 ± 0.1113
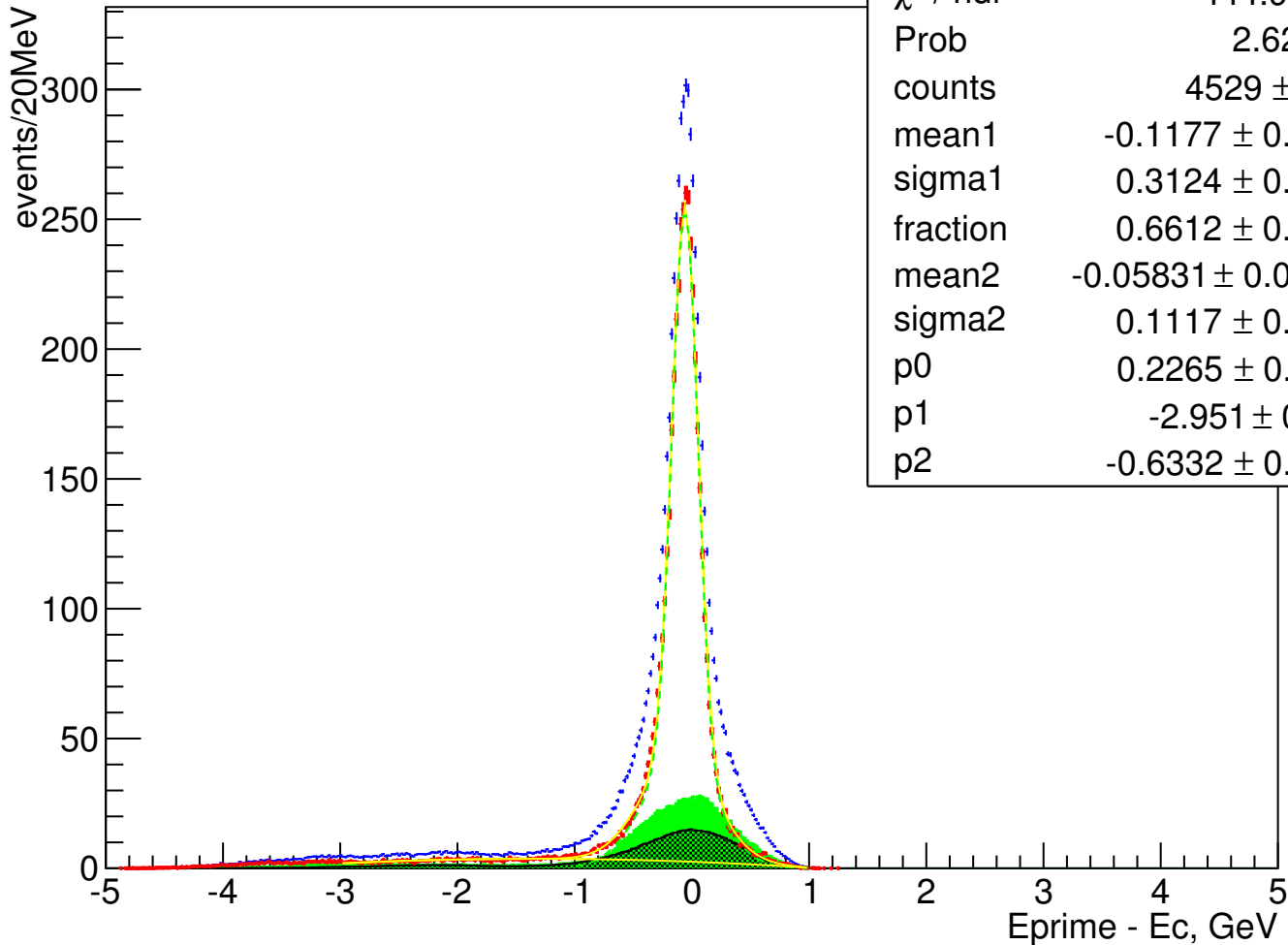
Eprime-Ec run 64975 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	371.5 / 191
Prob	1.056e-13
counts	4482 ± 75.5
mean1	-0.1095 ± 0.0116
sigma1	0.3112 ± 0.0187
fraction	0.6602 ± 0.0286
mean2	-0.05764 ± 0.00294
sigma2	0.1107 ± 0.0038
p0	0.2434 ± 0.3627
p1	-2.97 ± 0.41
p2	-0.6393 ± 0.1088
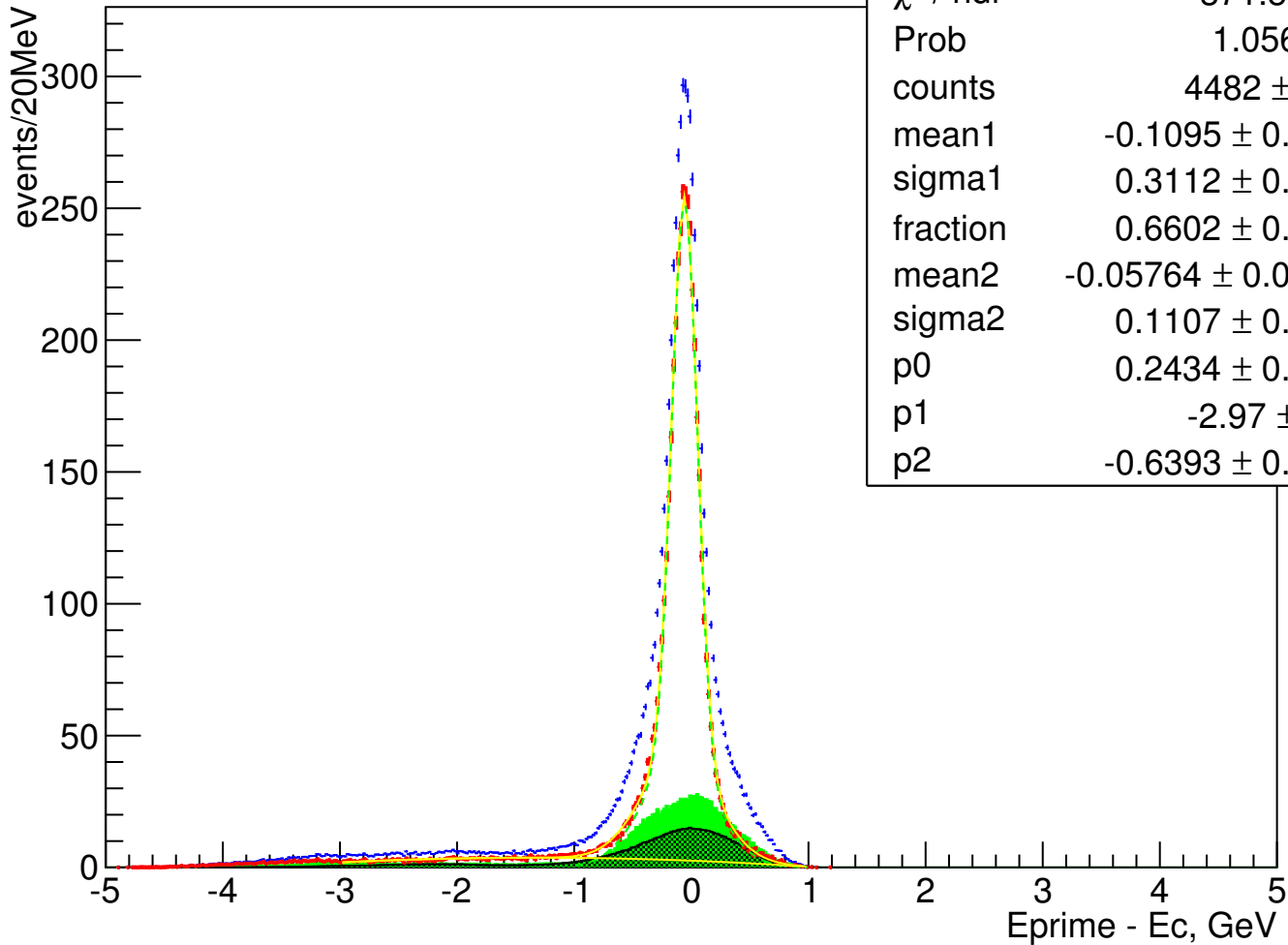
Eprime-Ec run 64976 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	487.7 / 191
Prob	7.261e-28
counts	4337 ± 74.2
mean1	-0.1052 ± 0.0124
sigma1	0.3057 ± 0.0197
fraction	0.6654 ± 0.0309
mean2	-0.04188 ± 0.00306
sigma2	0.111 ± 0.004
p0	0.1202 ± 0.2989
p1	-3.053 ± 0.396
p2	-0.6484 ± 0.1087

events/20MeV
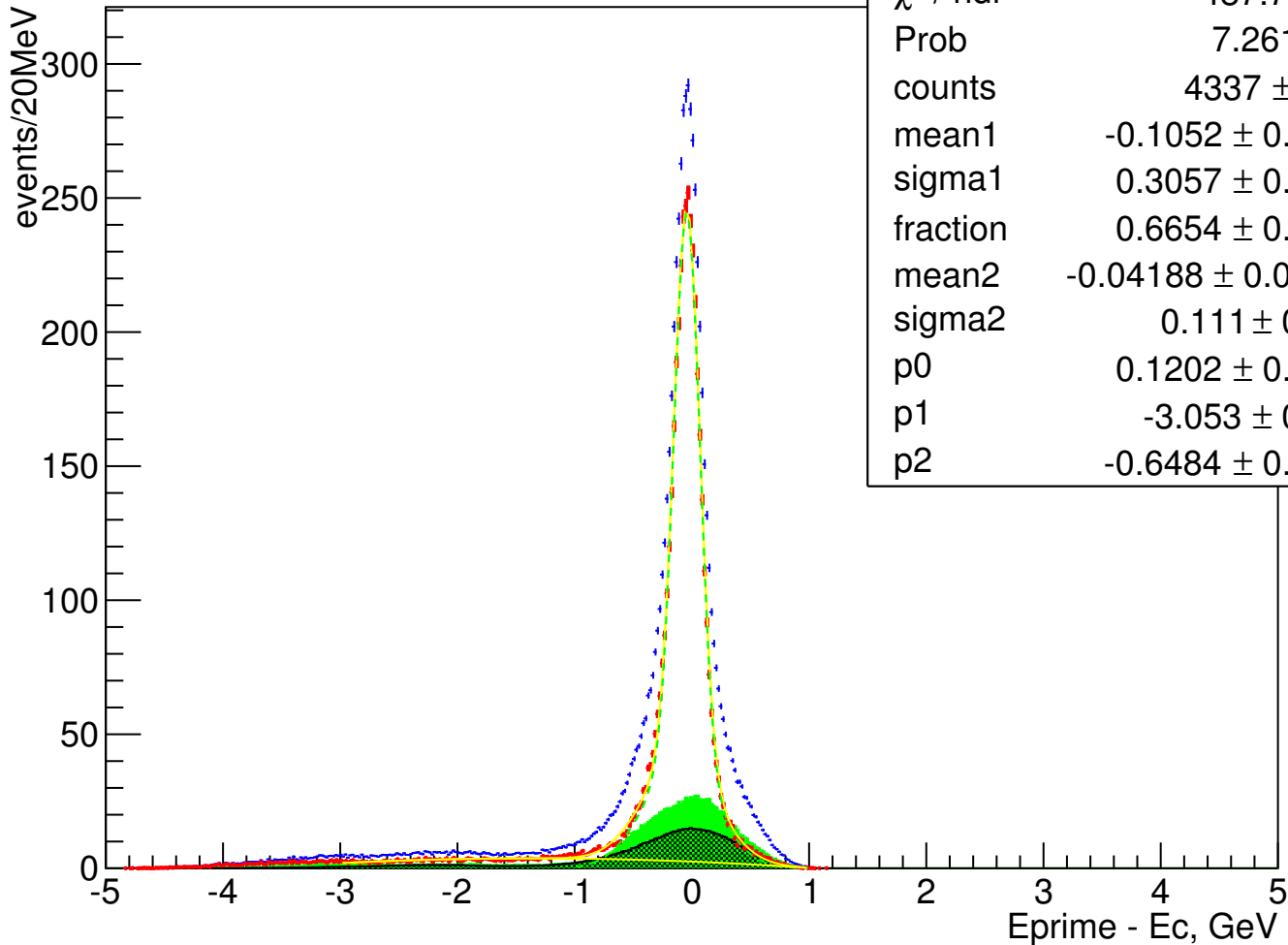
Eprime - Ec, GeV

Eprime-Ec run 64977 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	356.2 / 191
Prob	4.367e-12
counts	4406 ± 75.0
mean1	-0.1136 ± 0.0121
sigma1	0.3124 ± 0.0189
fraction	0.6648 ± 0.0283
mean2	-0.05023 ± 0.00303
sigma2	0.1117 ± 0.0038
p0	0.2411 ± 0.3501
p1	-2.847 ± 0.410
p2	-0.5986 ± 0.1102

events/20MeV
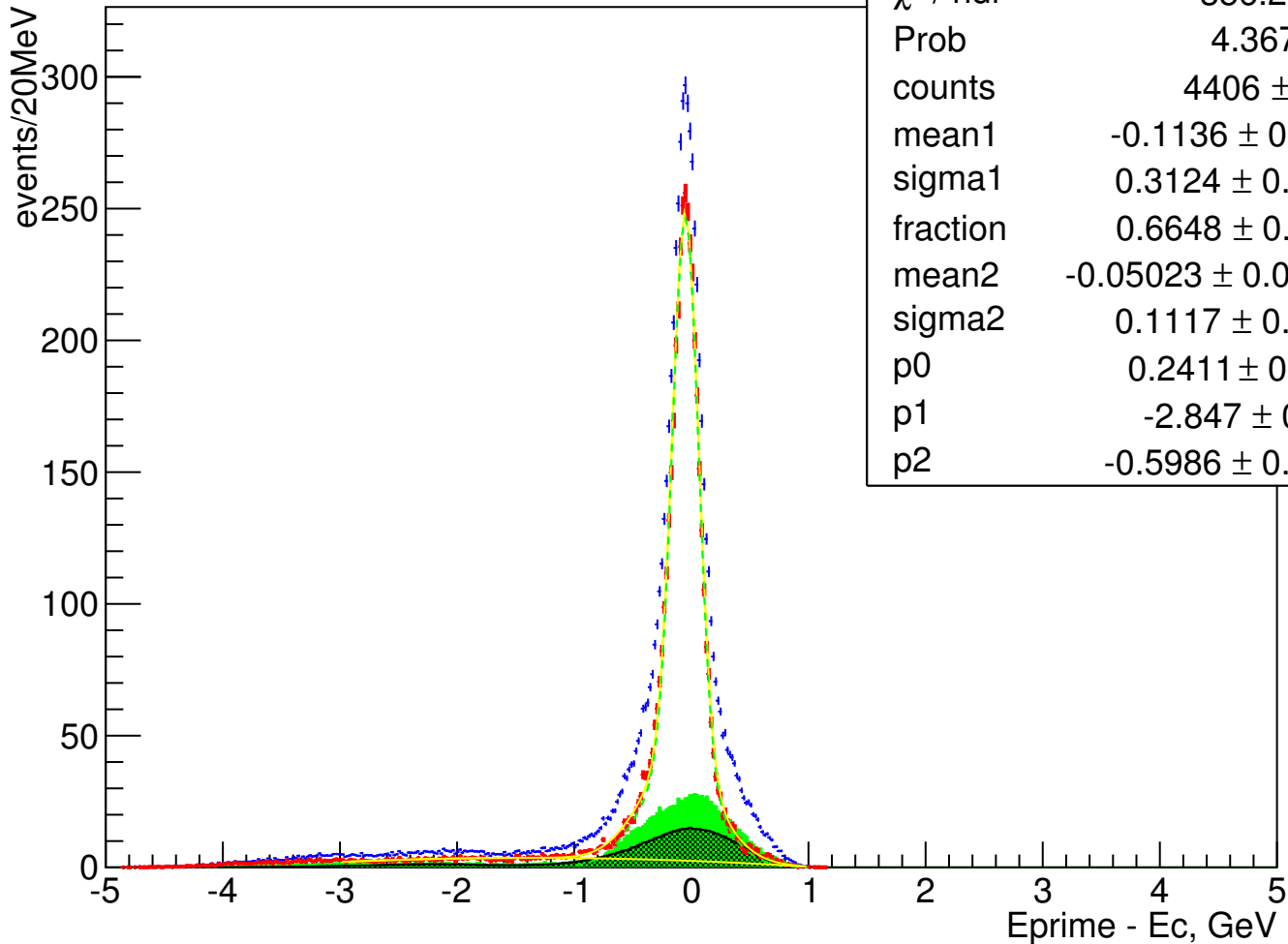
Eprime - Ec, GeV

Eprime-Ec run 64981 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	406.6 / 191
Prob	1.169e-17
counts	4577 ± 76.3
mean1	-0.1217 ± 0.0114
sigma1	0.3086 ± 0.0187
fraction	0.6554 ± 0.0295
mean2	-0.06616 ± 0.00300
sigma2	0.111 ± 0.004
p0	0.3126 ± 0.3665
p1	-2.716 ± 0.417
p2	-0.5712 ± 0.1107

events/20MeV
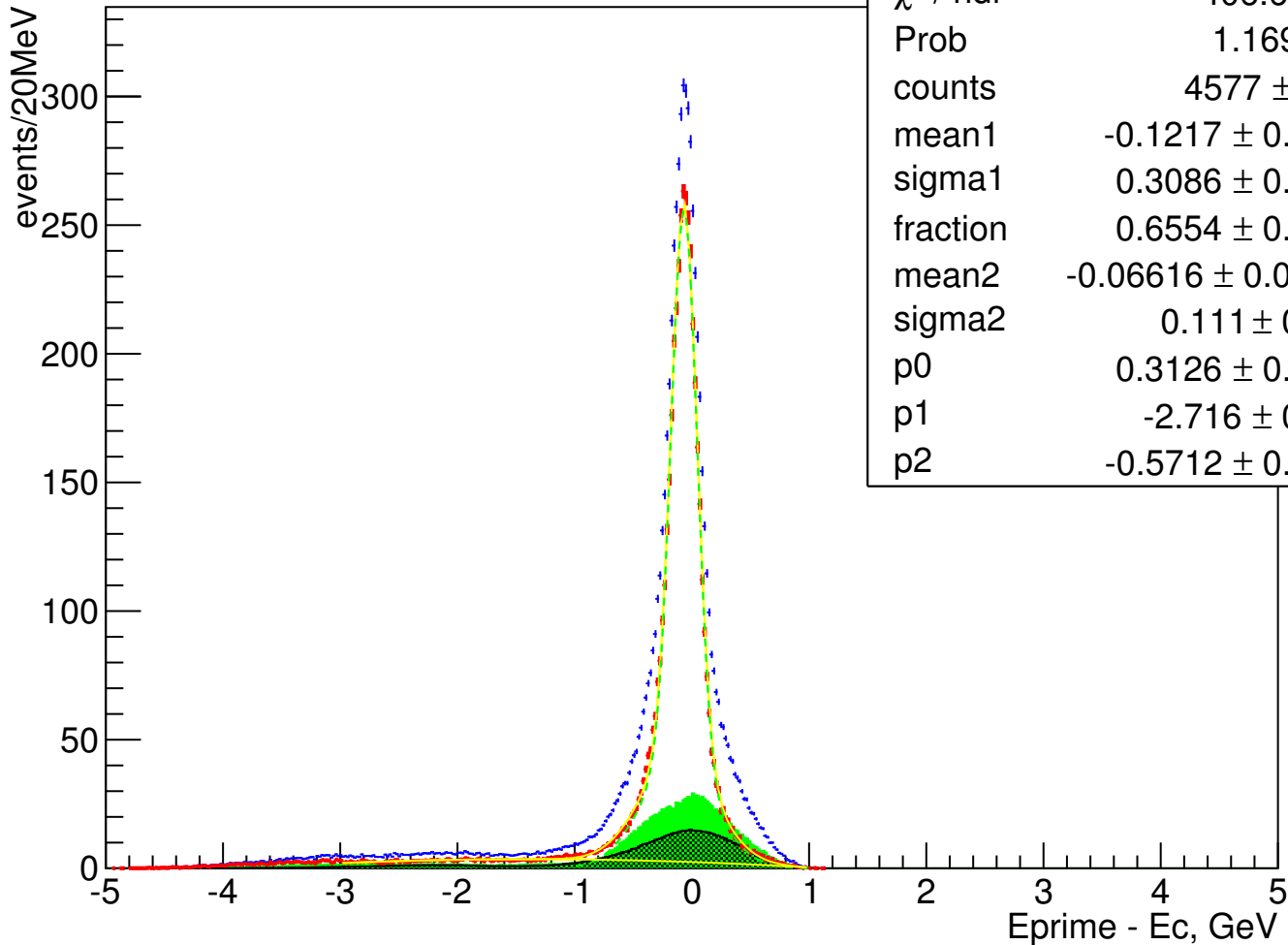
Eprime - Ec, GeV

Eprime-Ec run 64982 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	415 / 191
Prob	1.203e-18
counts	4380 ± 74.7
mean1	-0.1062 ± 0.0125
sigma1	0.3131 ± 0.0204
fraction	0.6637 ± 0.0292
mean2	-0.04338 ± 0.00314
sigma2	0.112 ± 0.004
p0	0.1848 ± 0.3397
p1	-2.88 ± 0.41
p2	-0.6039 ± 0.1103
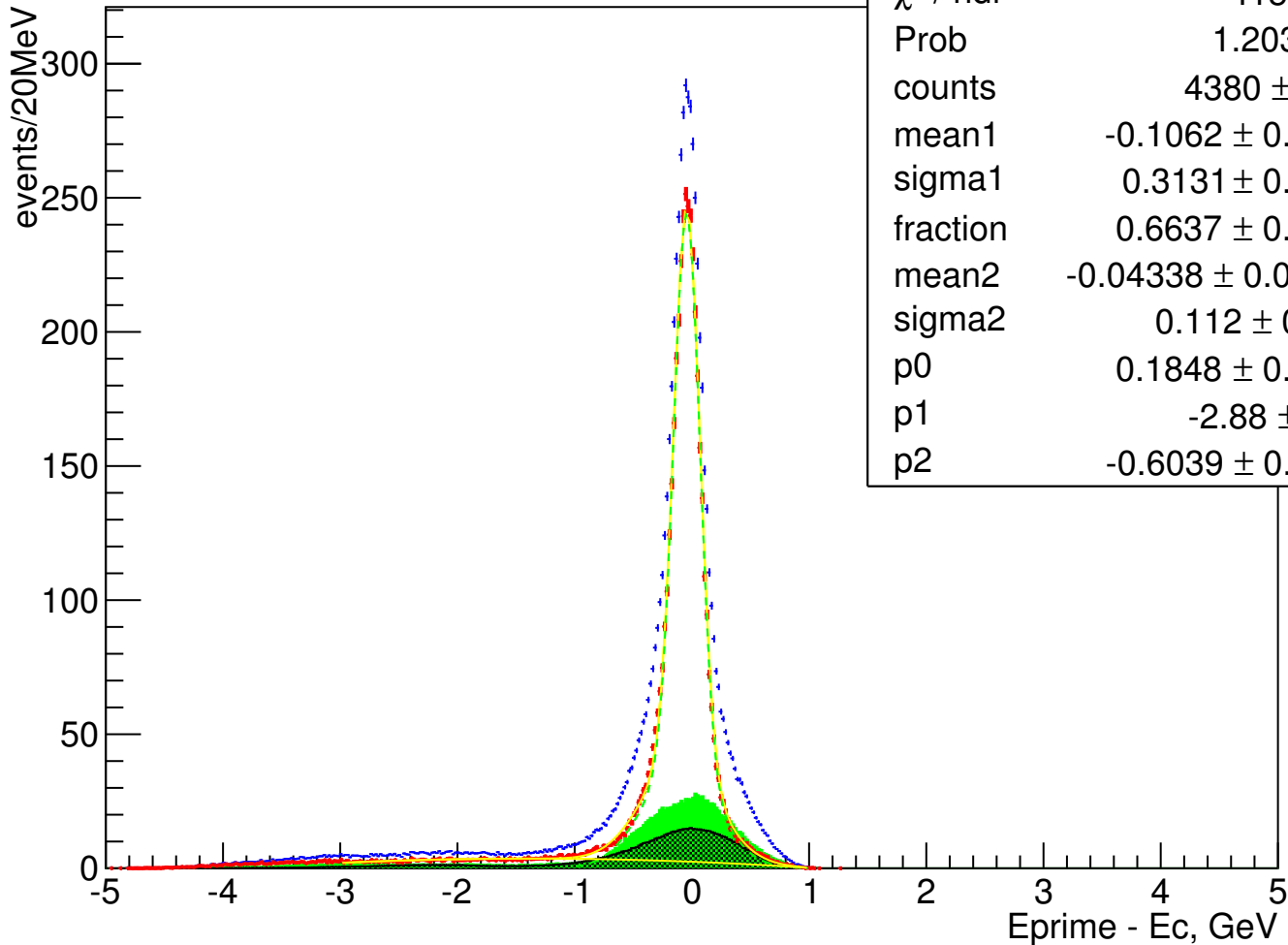
Eprime-Ec run 64983 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	425.5 / 191
Prob	6.545e-20
counts	4470 ± 74.9
mean1	-0.1104 ± 0.0113
sigma1	0.3048 ± 0.0178
fraction	0.6463 ± 0.0299
mean2	-0.05452 ± 0.00301
sigma2	0.1098 ± 0.0040
p0	0.2471 ± 0.3447
p1	-2.911 ± 0.409
p2	-0.6203 ± 0.1089

events/20MeV
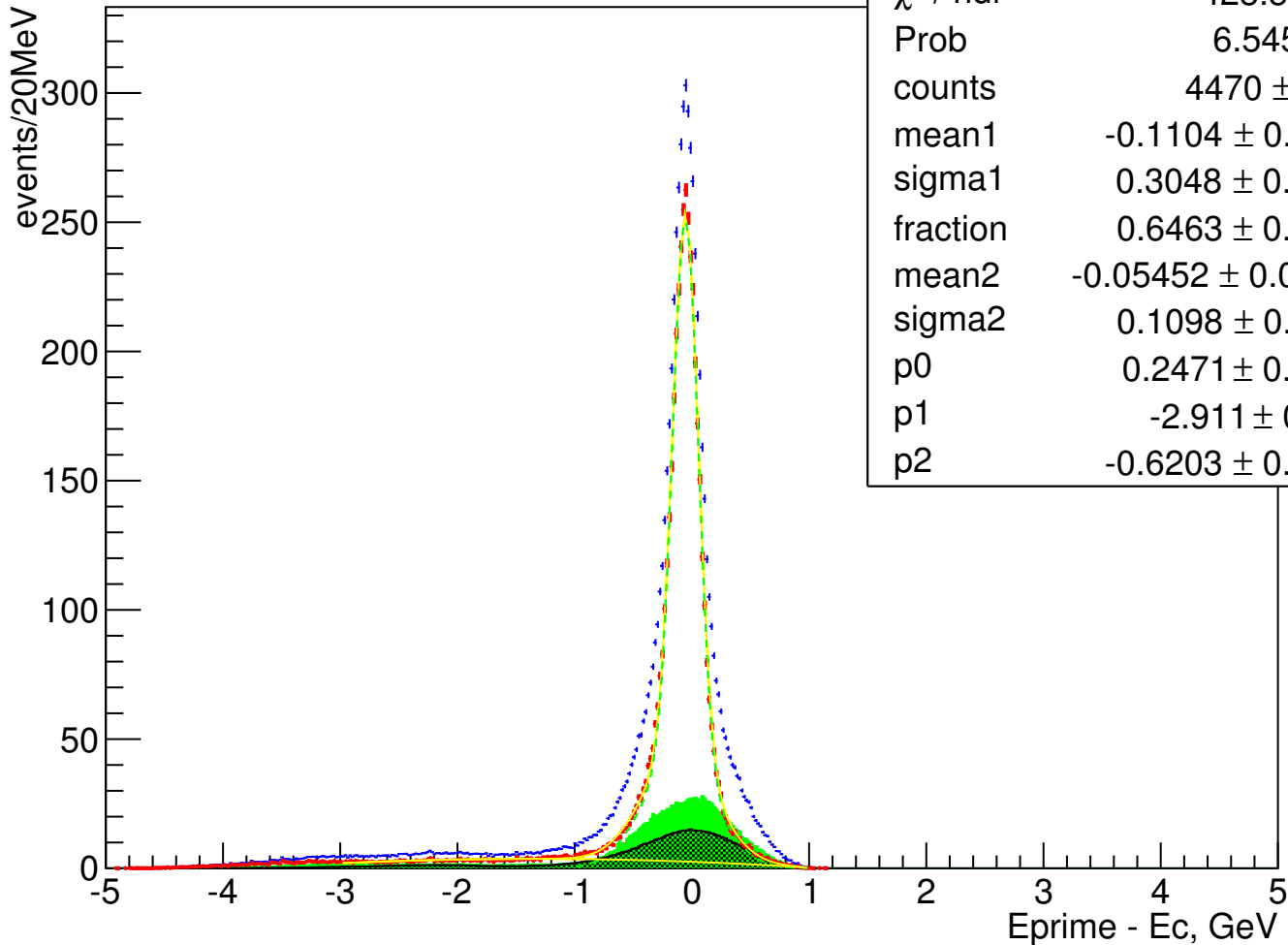
Eprime - Ec, GeV

Eprime-Ec run 64984 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	423.2 / 191
Prob	1.246e-19
counts	4469 ± 72.5
mean1	-0.1107 ± 0.0117
sigma1	0.3165 ± 0.0160
fraction	0.6644 ± 0.0277
mean2	-0.0547 ± 0.0029
sigma2	0.1114 ± 0.0037
p0	4.455e-06 ± 2.434e-02
p1	-3.083 ± 0.365
p2	-0.6503 ± 0.1074

events/20MeV
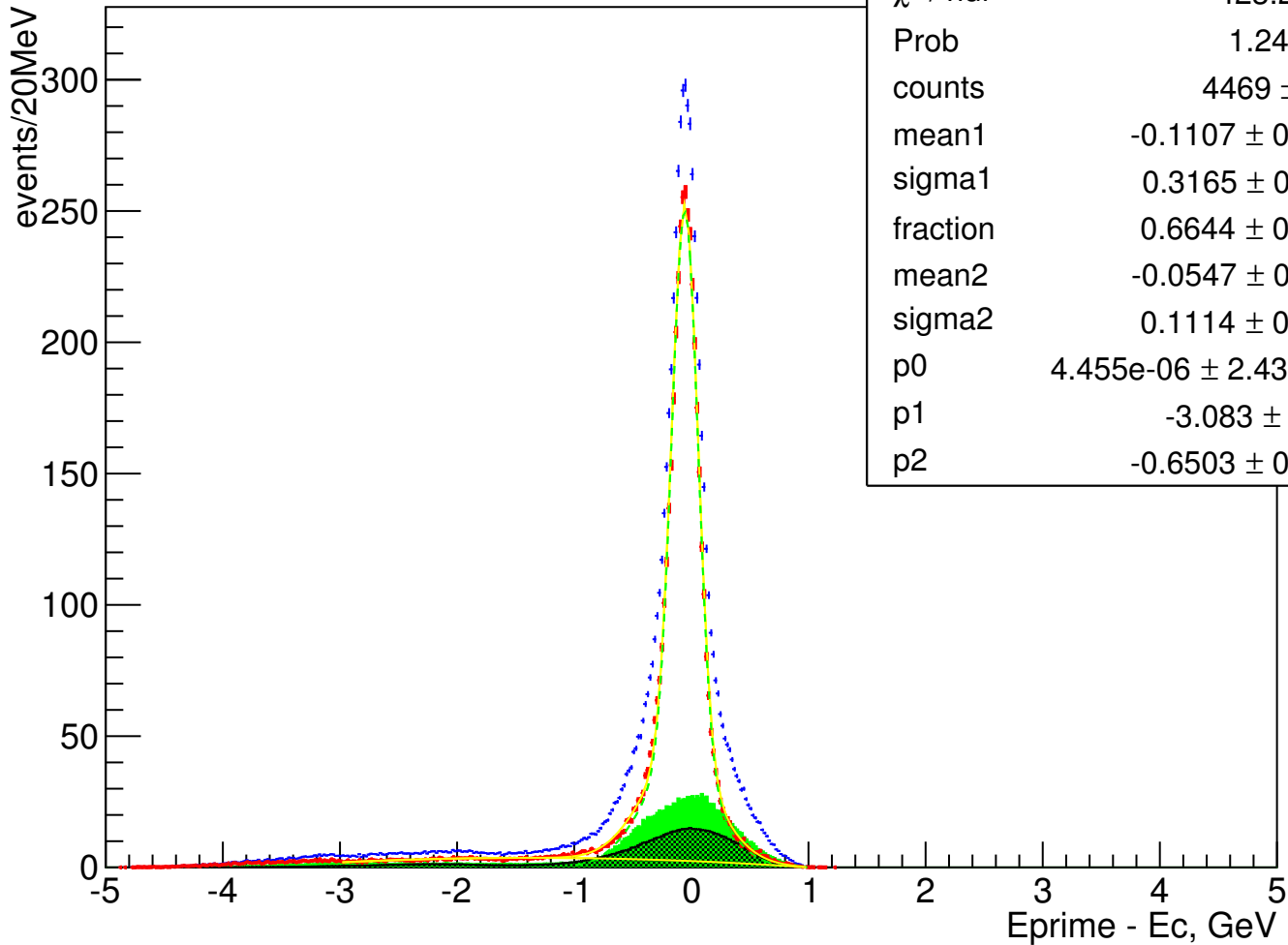
Eprime - Ec, GeV

Eprime-Ec run 64985 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	315.7 / 191
Prob	3.475e-08
counts	4507 ± 72.9
mean1	-0.1143 ± 0.0122
sigma1	0.3367 ± 0.0171
fraction	0.6828 ± 0.0250
mean2	-0.05662 ± 0.00288
sigma2	0.1138 ± 0.0036
p0	3.488e-07 ± 2.311e-02
p1	-2.877 ± 0.375
p2	-0.5822 ± 0.1111
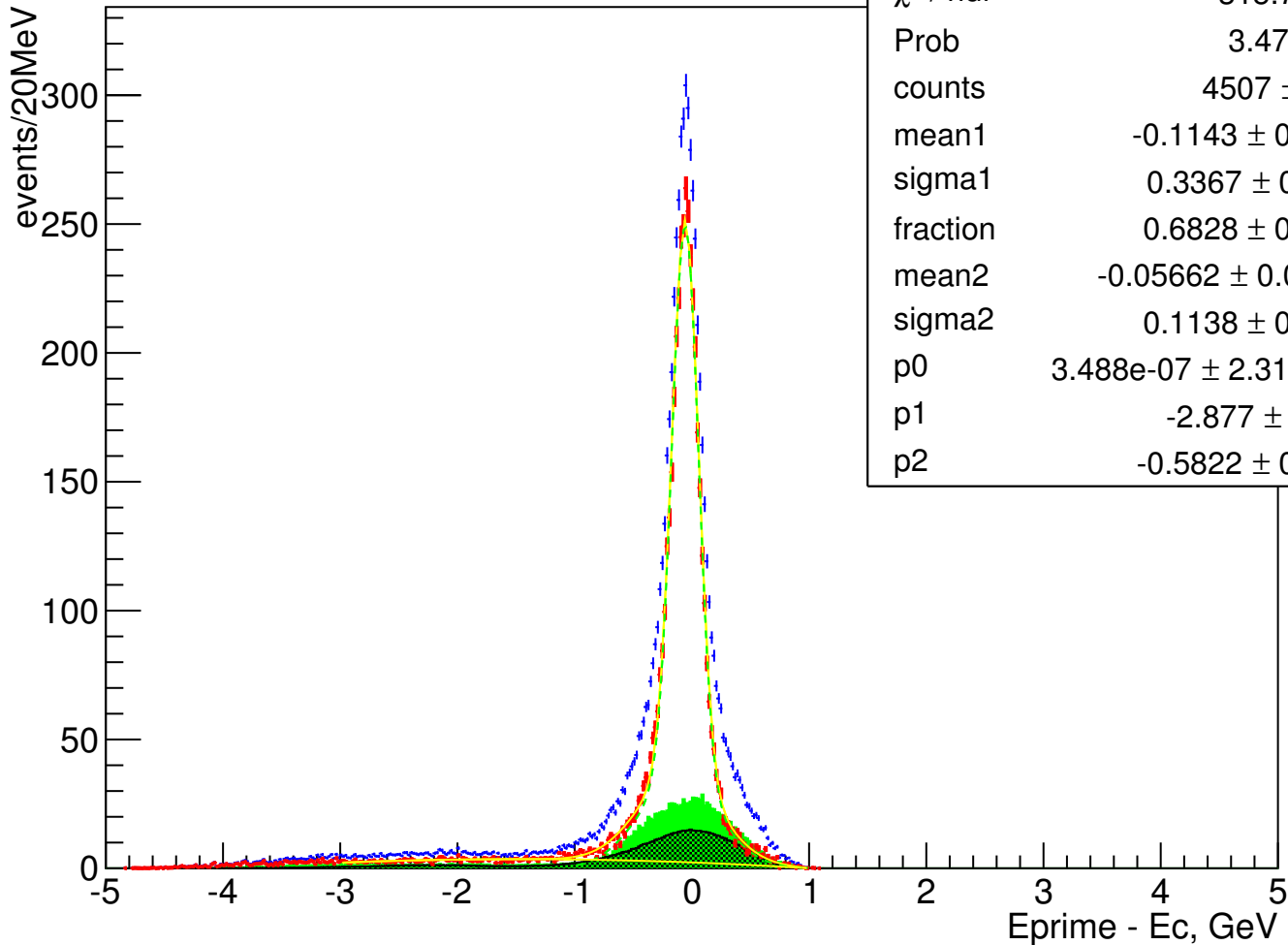
Eprime-Ec run 64986 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	479.4 / 191
Prob	9.279e-27
counts	4586 ± 77.1
mean1	-0.1238 ± 0.0119
sigma1	0.3239 ± 0.0199
fraction	0.665 ± 0.028
mean2	-0.06812 ± 0.00295
sigma2	0.1125 ± 0.0039
p0	0.1418 ± 0.3287
p1	-2.841 ± 0.406
p2	-0.5851 ± 0.1122
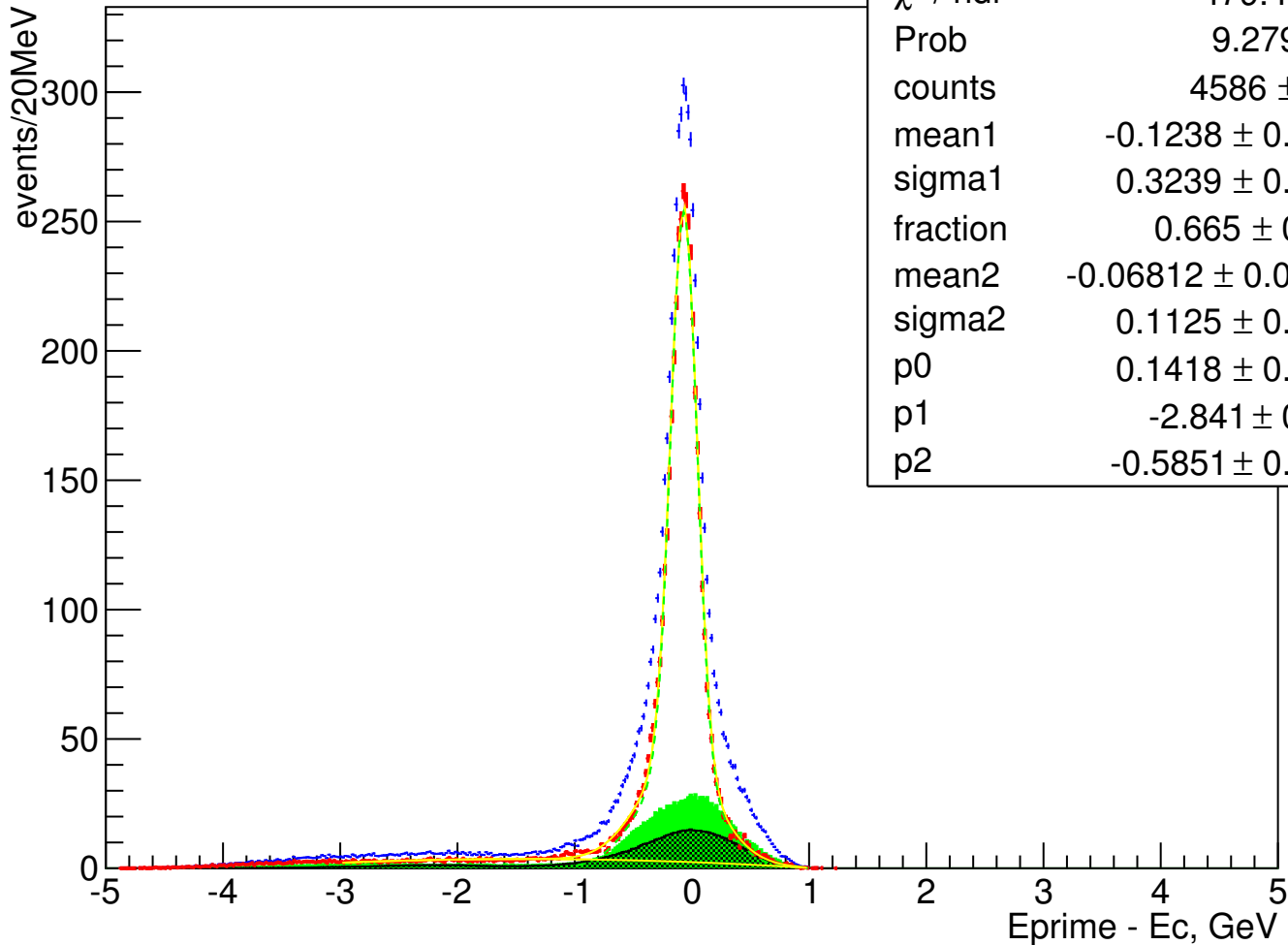
Eprime-Ec run 64988 Silicon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	285.1 / 191
Prob	1.187e-05
counts	4591 ± 75.6
mean1	-0.1134 ± 0.0102
sigma1	0.3038 ± 0.0168
fraction	0.6268 ± 0.0296
mean2	-0.07133 ± 0.00300
sigma2	0.1082 ± 0.0040
p0	0.2885 ± 0.3574
p1	-2.768 ± 0.408
p2	-0.5789 ± 0.1078
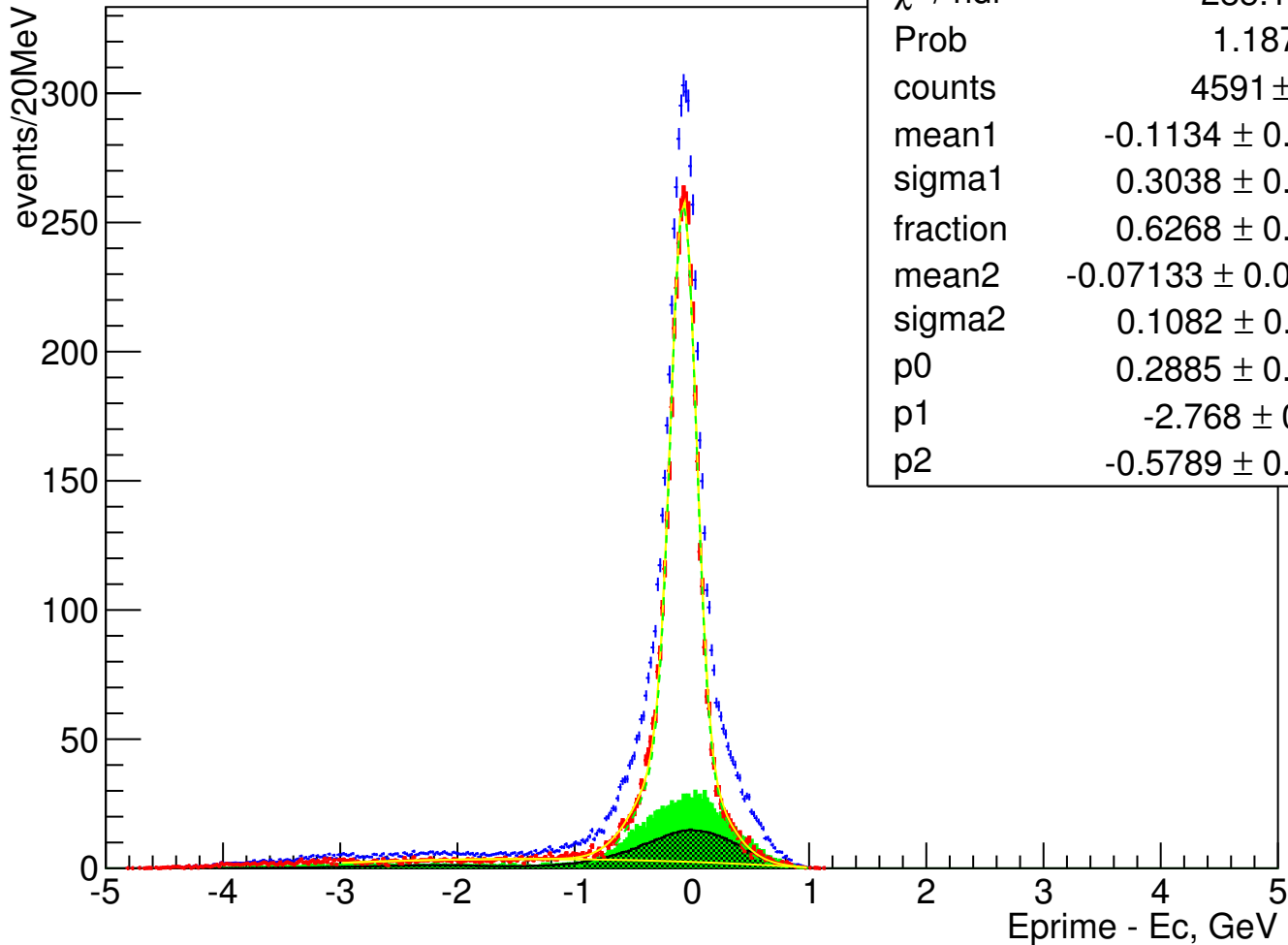
Eprime-Ec run 65006 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	181.2 / 166
Prob	0.199
counts	6055 ± 81.7
mean1	-0.08891 ± 0.00783
sigma1	0.2539 ± 0.0113
fraction	0.6885 ± 0.0280
mean2	-0.04844 ± 0.00232
sigma2	0.1028 ± 0.0030
p0	0.4964 ± 0.2913
p1	-1.215 ± 0.436
p2	-0.2367 ± 0.1319
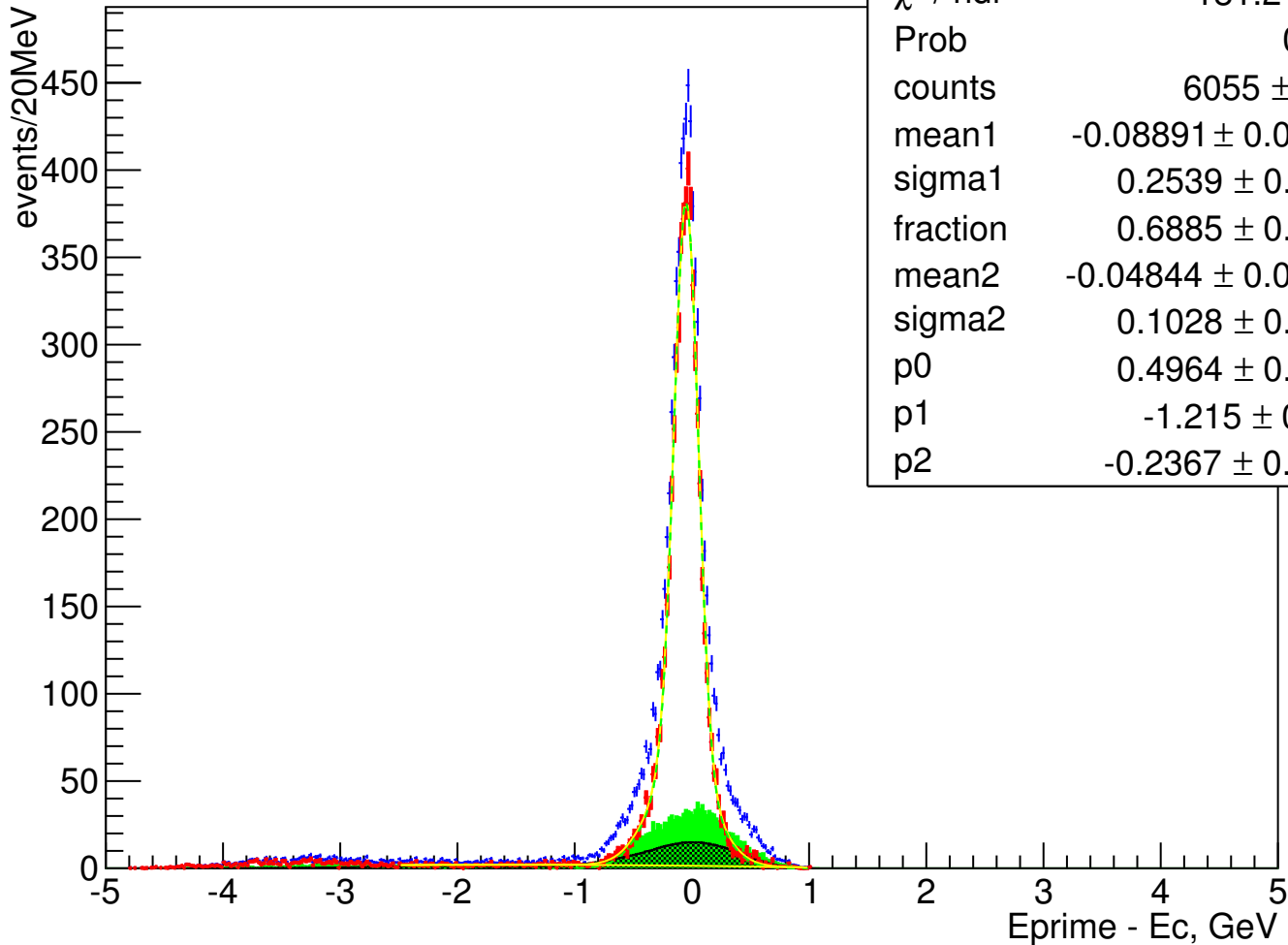
Eprime-Ec run 65007 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	268.2 / 166
Prob	8.607e-07
counts	6247 ± 82.7
mean1	-0.09475 ± 0.00773
sigma1	0.2471 ± 0.0109
fraction	0.6668 ± 0.0287
mean2	-0.04726 ± 0.00231
sigma2	0.1007 ± 0.0030
p0	0.3614 ± 0.2553
p1	-1.723 ± 0.460
p2	-0.3648 ± 0.1430
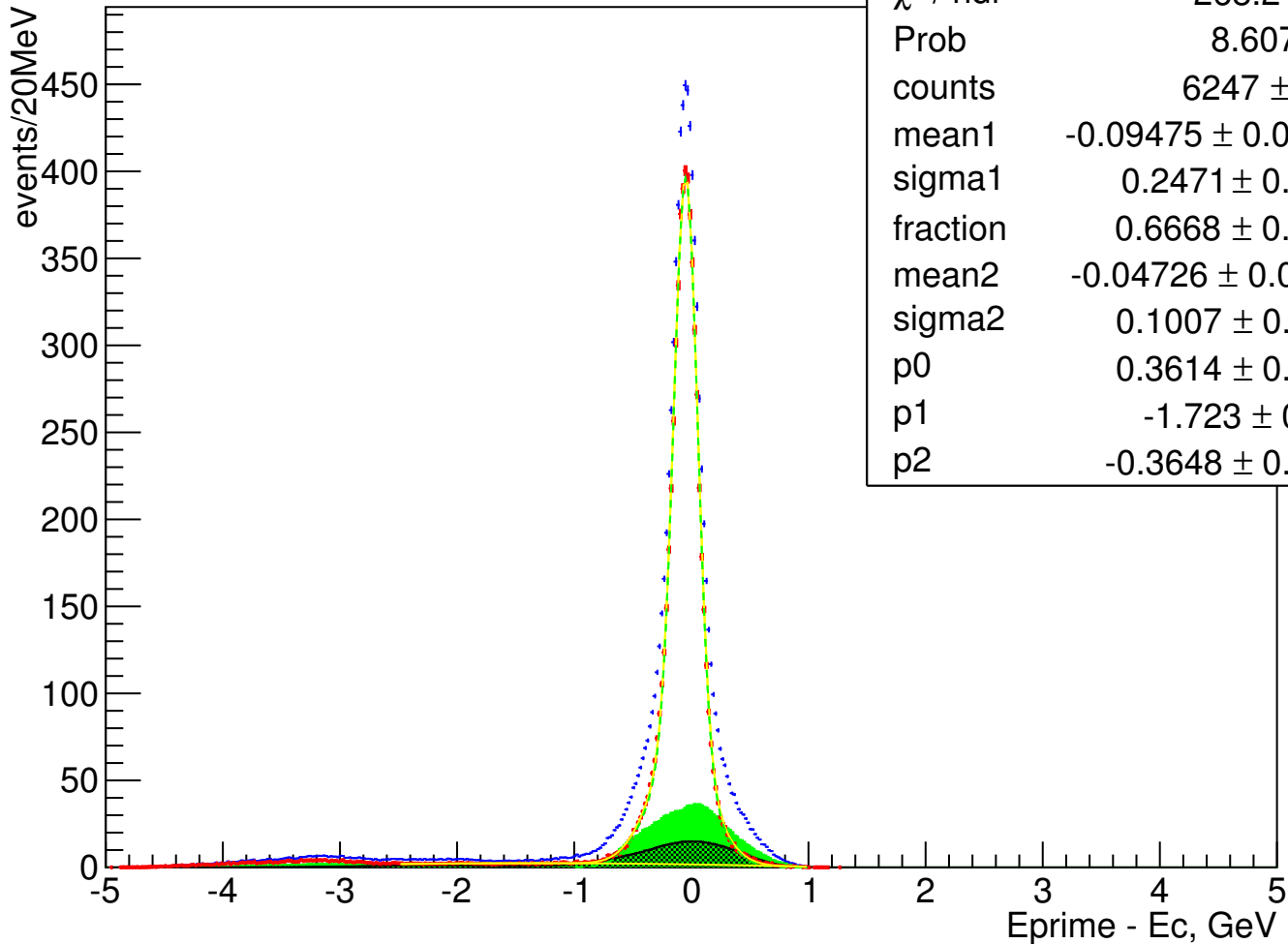
Eprime-Ec run 65008 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	308.9 / 166
Prob	1.131e-10
counts	6267 ± 83.5
mean1	-0.09677 ± 0.00869
sigma1	0.2617 ± 0.0127
fraction	0.701 ± 0.026
mean2	-0.04497 ± 0.00223
sigma2	0.1031 ± 0.0028
p0	0.459 ± 0.288
p1	-1.408 ± 0.466
p2	-0.2821 ± 0.1442
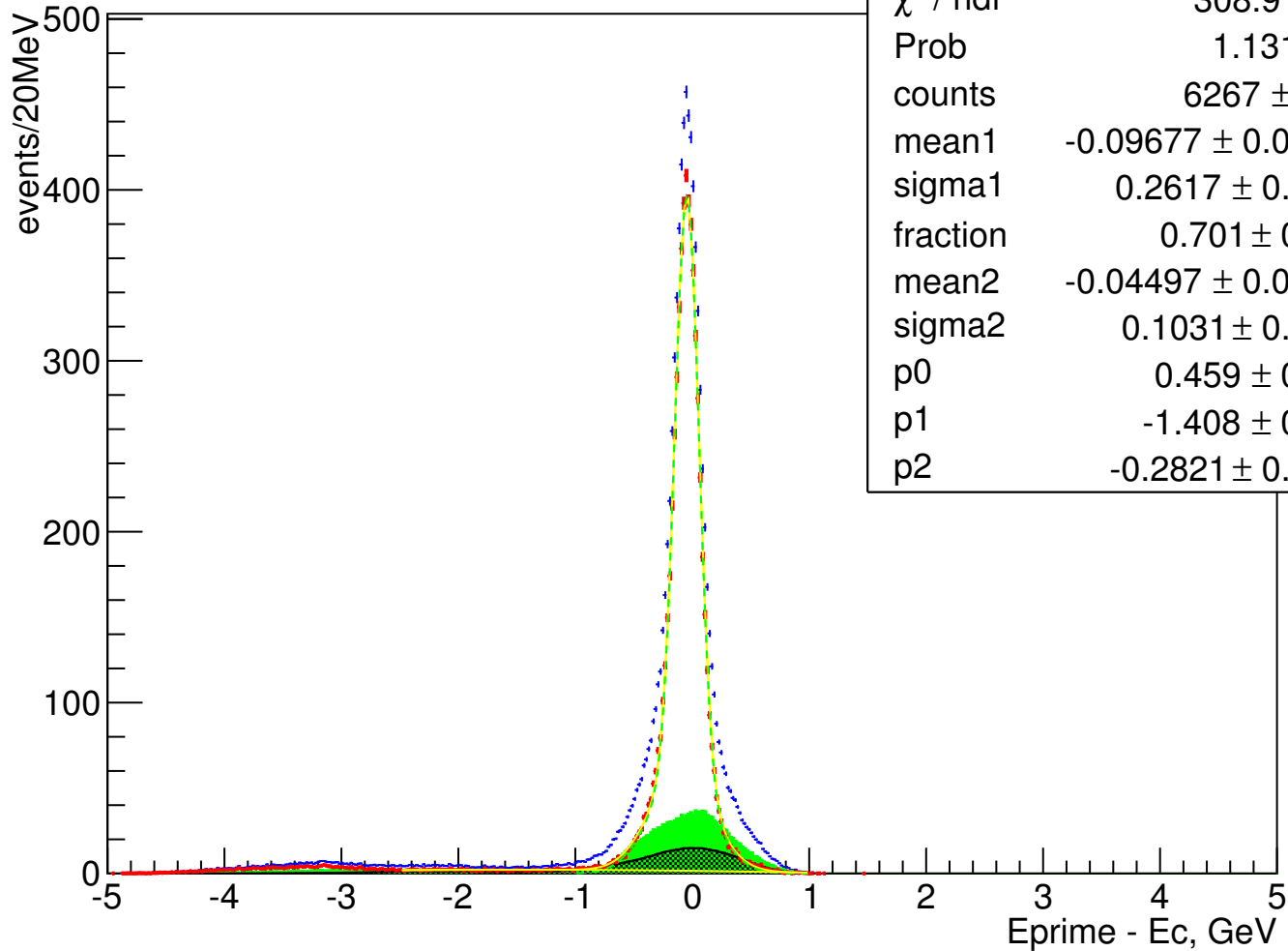
Eprime-Ec run 65009 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	309.8 / 166
Prob	9.109e-11
counts	6208 ± 83.1
mean1	-0.09141 ± 0.00842
sigma1	0.2608 ± 0.0127
fraction	0.6974 ± 0.0267
mean2	-0.04464 ± 0.00225
sigma2	0.1025 ± 0.0029
p0	0.4218 ± 0.3015
p1	-1.633 ± 0.469
p2	-0.3515 ± 0.1439
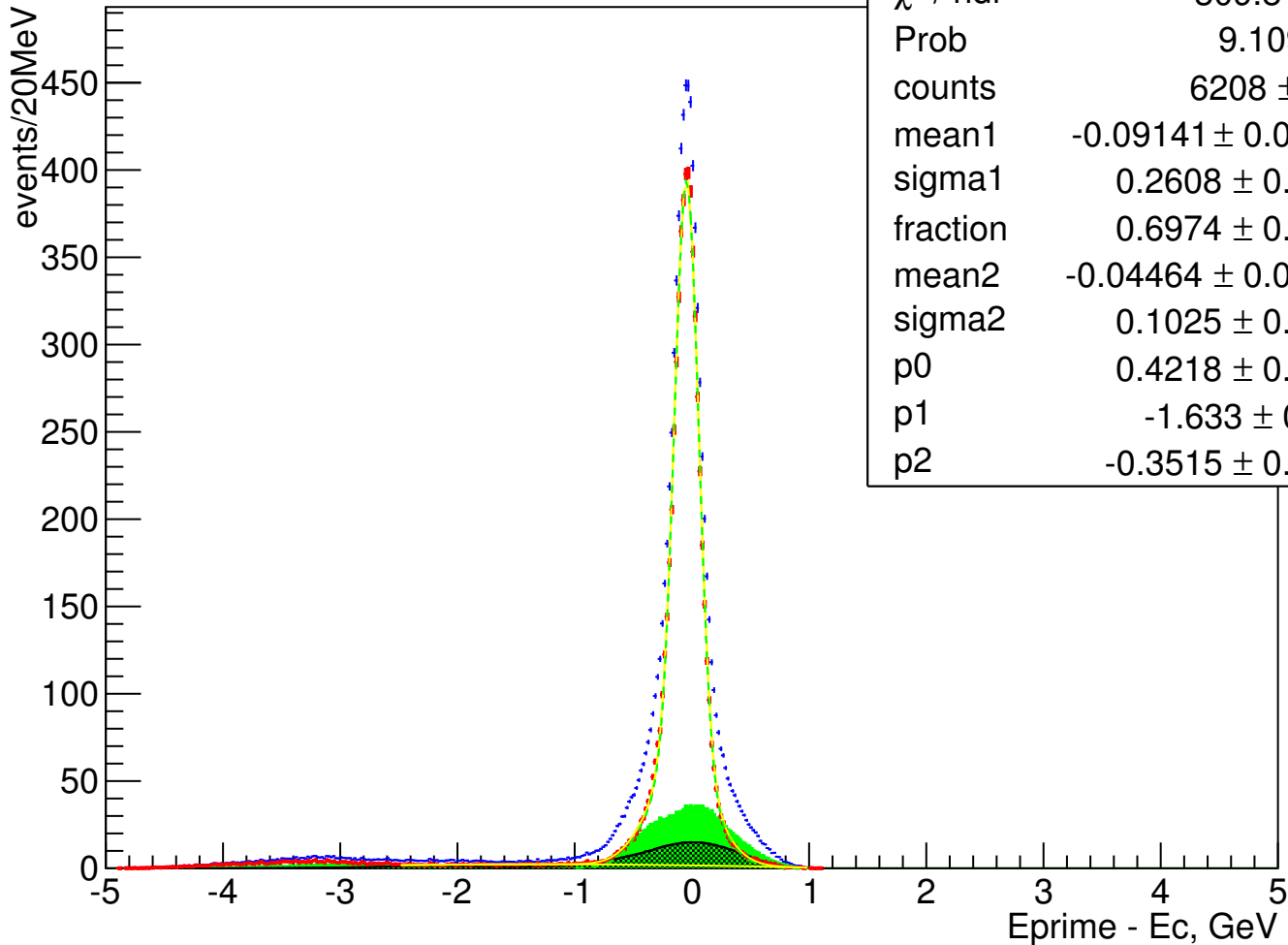
Eprime-Ec run 65010 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	342.8 / 166
Prob	2.267e-14
counts	6232 ± 83.0
mean1	-0.09704 ± 0.00856
sigma1	0.2577 ± 0.0124
fraction	0.6949 ± 0.0275
mean2	-0.04562 ± 0.00227
sigma2	0.1032 ± 0.0029
p0	0.2868 ± 0.2646
p1	-1.639 ± 0.465
p2	-0.3328 ± 0.1447
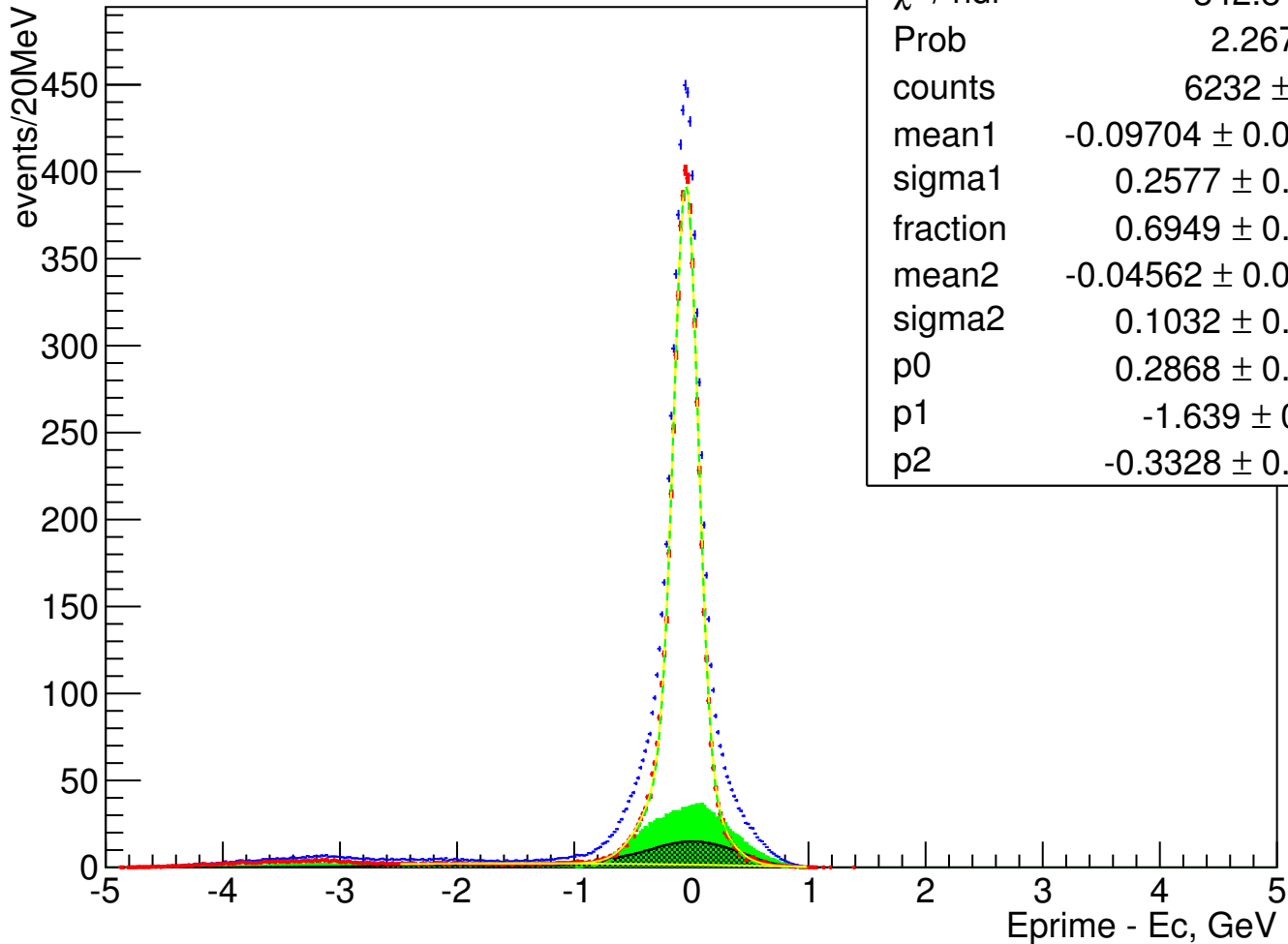
Eprime-Ec run 65011 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	242.5 / 166
Prob	9.873e-05
counts	6231 ± 82.7
mean1	-0.09503 ± 0.00827
sigma1	0.2518 ± 0.0117
fraction	0.683 ± 0.028
mean2	-0.04357 ± 0.00227
sigma2	0.1017 ± 0.0030
p0	0.237 ± 0.241
p1	-1.624 ± 0.451
p2	-0.324 ± 0.141
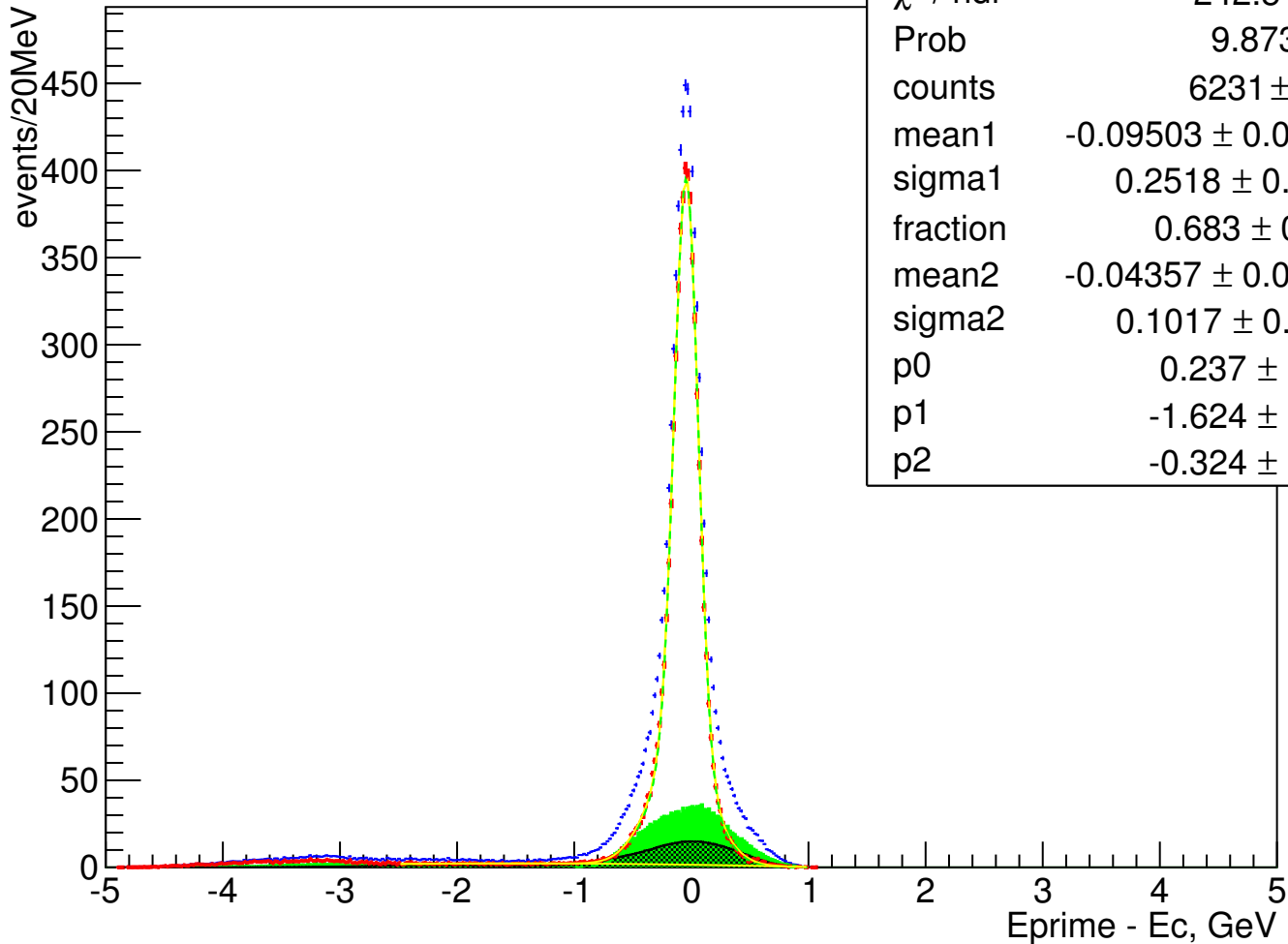
Eprime-Ec run 65012 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	317.6 / 166
Prob	1.356e-11
counts	6197 ± 83.3
mean1	-0.09233 ± 0.00786
sigma1	0.2518 ± 0.0118
fraction	0.683 ± 0.029
mean2	-0.04475 ± 0.00231
sigma2	0.1019 ± 0.0030
p0	0.4734 ± 0.2858
p1	-1.524 ± 0.464
p2	-0.3124 ± 0.1434
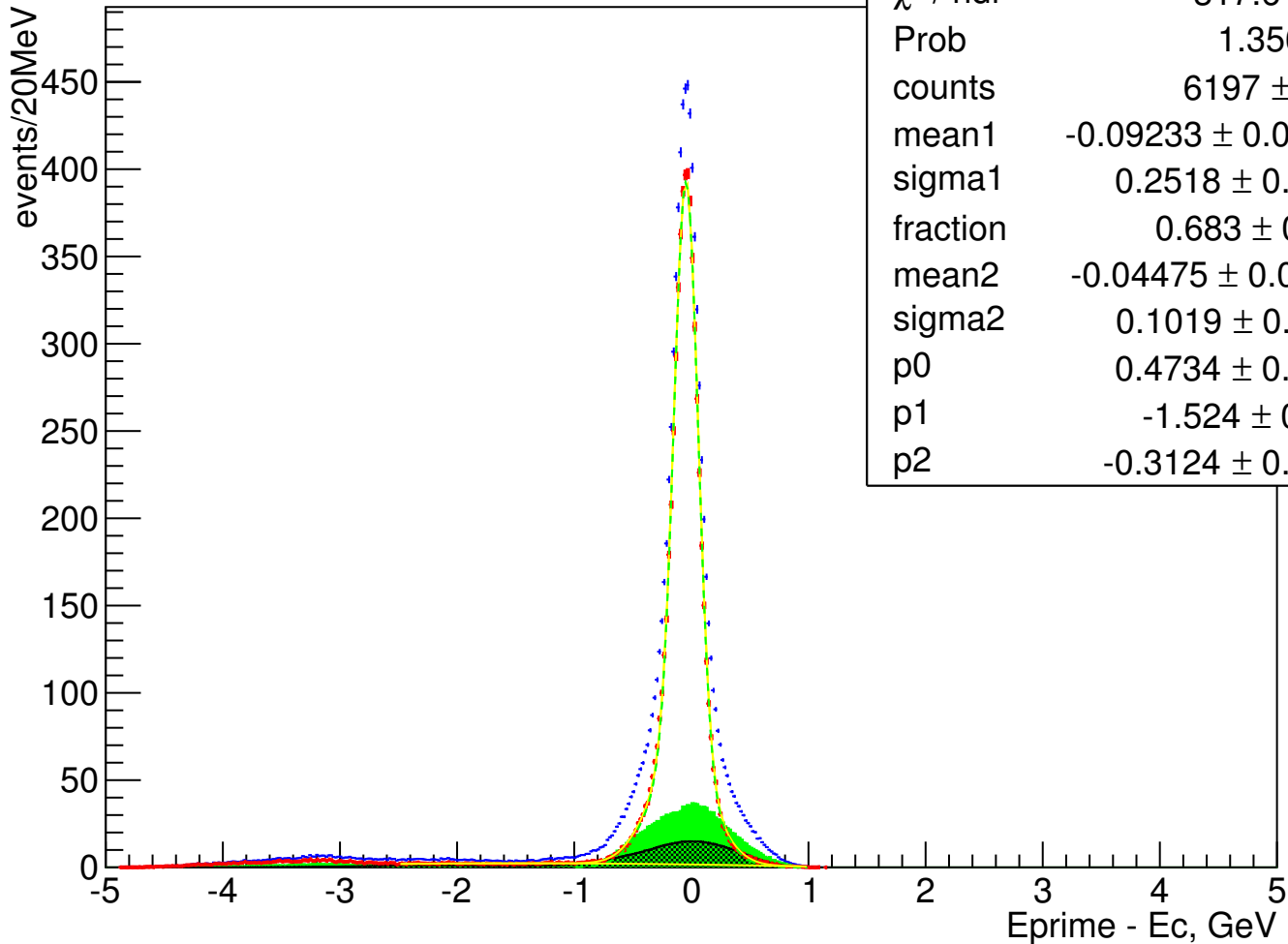
Eprime-Ec run 65013 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	303.5 / 166
Prob	3.962e-10
counts	6214 ± 82.0
mean1	-0.09487 ± 0.00828
sigma1	0.2599 ± 0.0121
fraction	0.6985 ± 0.0263
mean2	-0.04479 ± 0.00225
sigma2	0.1027 ± 0.0028
p0	0.2408 ± 0.2618
p1	-1.645 ± 0.460
p2	-0.3333 ± 0.1422
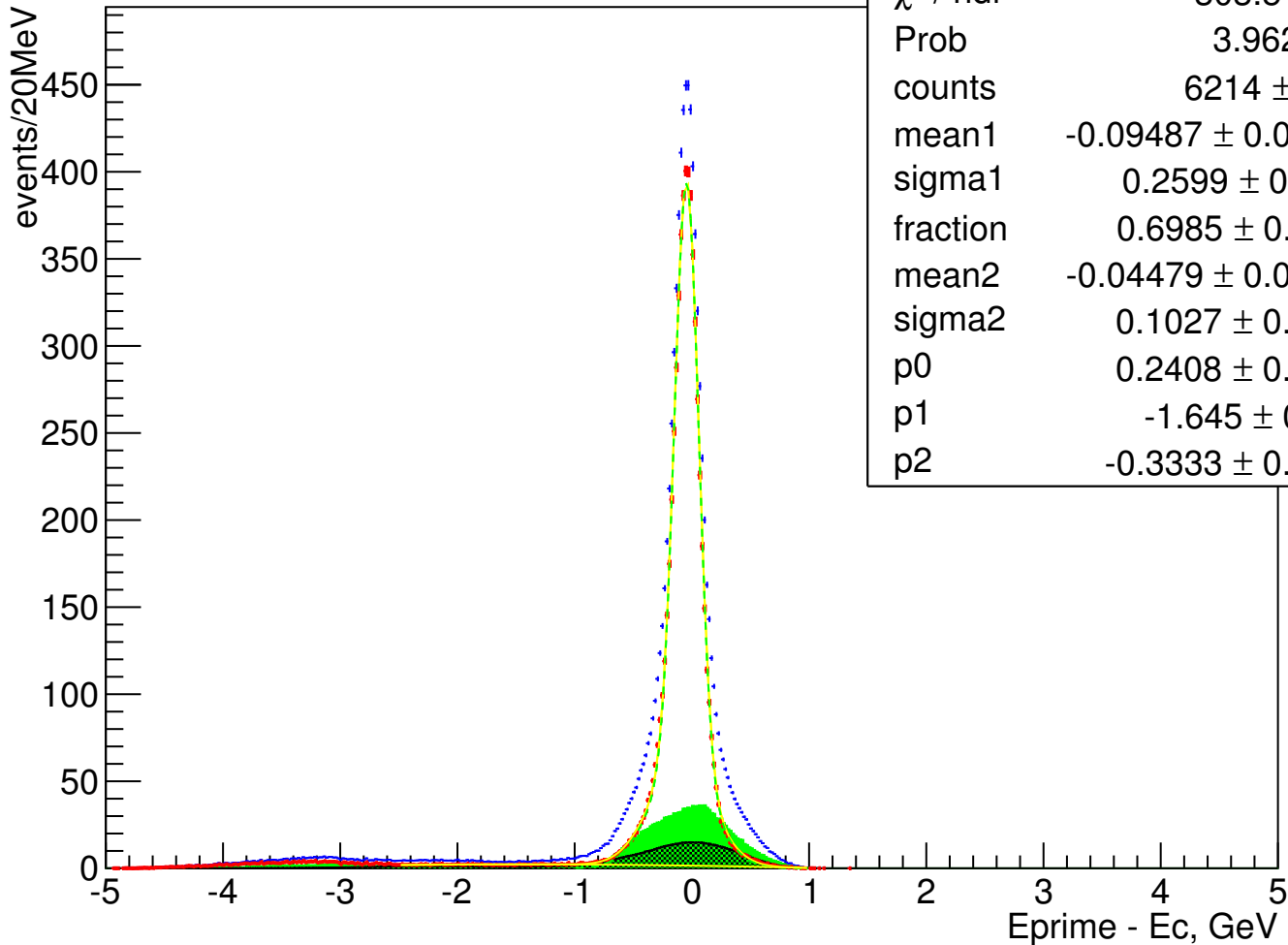
Eprime-Ec run 65014 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	297.7 / 166
Prob	1.544e-09
counts	6237 ± 82.9
mean1	-0.09133 ± 0.00765
sigma1	0.2505 ± 0.0114
fraction	0.6804 ± 0.0284
mean2	-0.04608 ± 0.00229
sigma2	0.1015 ± 0.0030
p0	0.3015 ± 0.2486
p1	-1.632 ± 0.455
p2	-0.3259 ± 0.1428
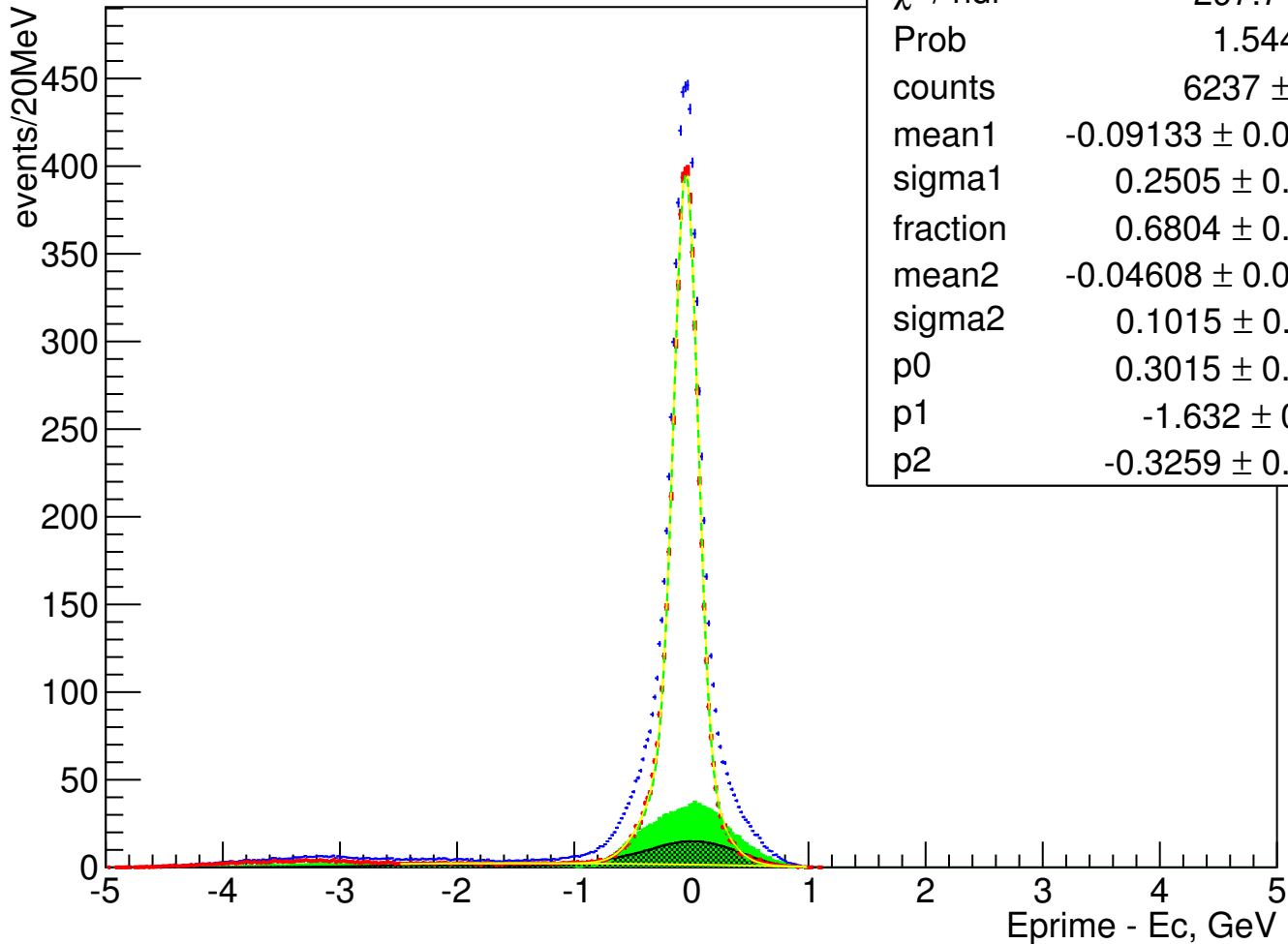
Eprime-Ec run 65015 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	381.4 / 166
Prob	5.436e-19
counts	6245 ± 83.3
mean1	-0.09123 ± 0.00847
sigma1	0.2595 ± 0.0130
fraction	0.7007 ± 0.0273
mean2	-0.04515 ± 0.00223
sigma2	0.103 ± 0.003
p0	0.3285 ± 0.2877
p1	-1.538 ± 0.466
p2	-0.3072 ± 0.1442
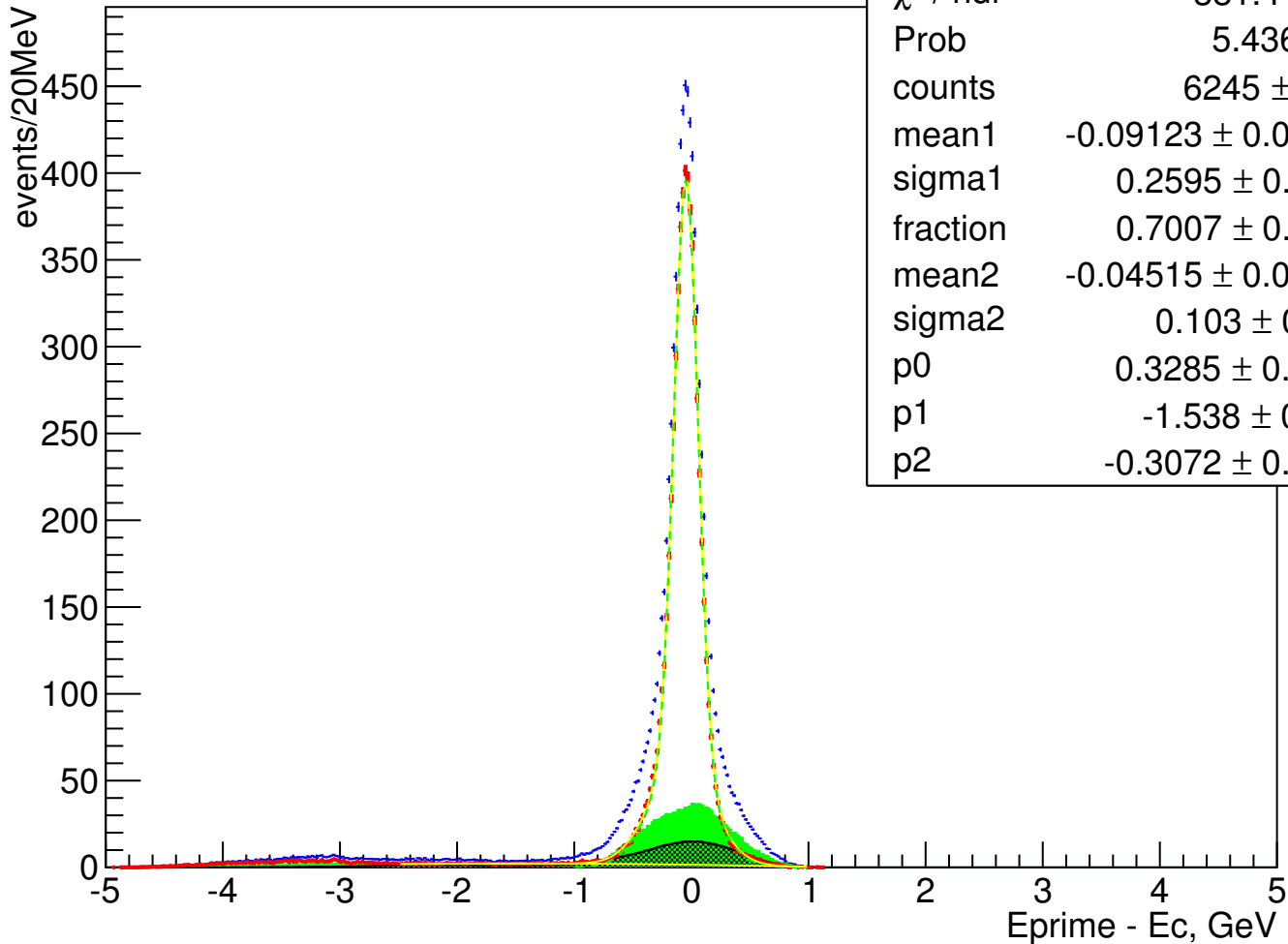
Eprime-Ec run 65016 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	334.1 / 166
Prob	2.157e-13
counts	6269 ± 84.0
mean1	-0.09286 ± 0.00807
sigma1	0.2541 ± 0.0120
fraction	0.6825 ± 0.0274
mean2	-0.04457 ± 0.00231
sigma2	0.1018 ± 0.0030
p0	0.309 ± 0.285
p1	-1.632 ± 0.476
p2	-0.3291 ± 0.1468
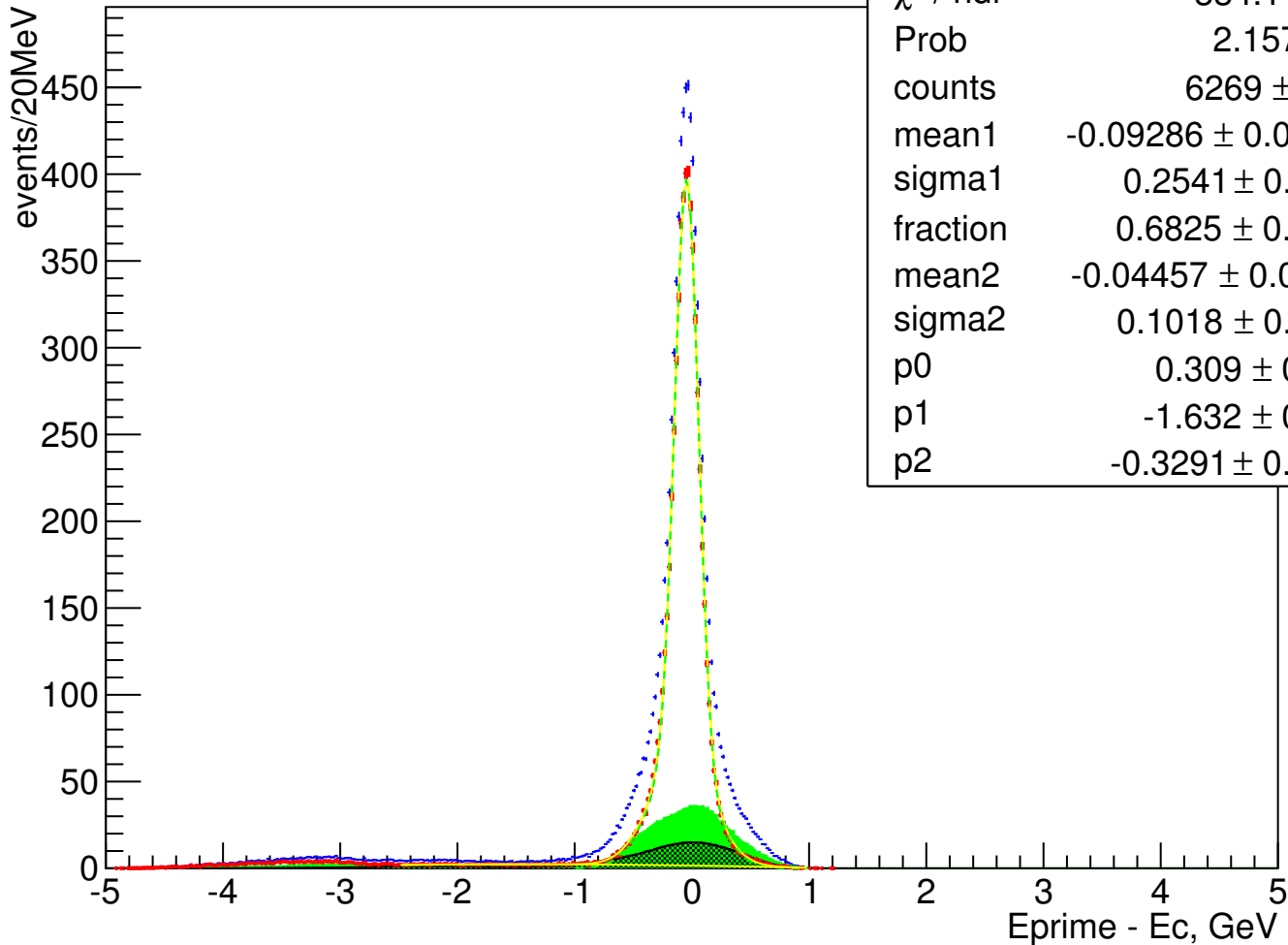
Eprime-Ec run 65017 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	357.4 / 166
Prob	4.524e-16
counts	6249 ± 83.0
mean1	-0.09905 ± 0.00833
sigma1	0.249 ± 0.012
fraction	0.6819 ± 0.0286
mean2	-0.04442 ± 0.00231
sigma2	0.1014 ± 0.0030
p0	0.6125 ± 0.3044
p1	-1.398 ± 0.476
p2	-0.2951 ± 0.1440
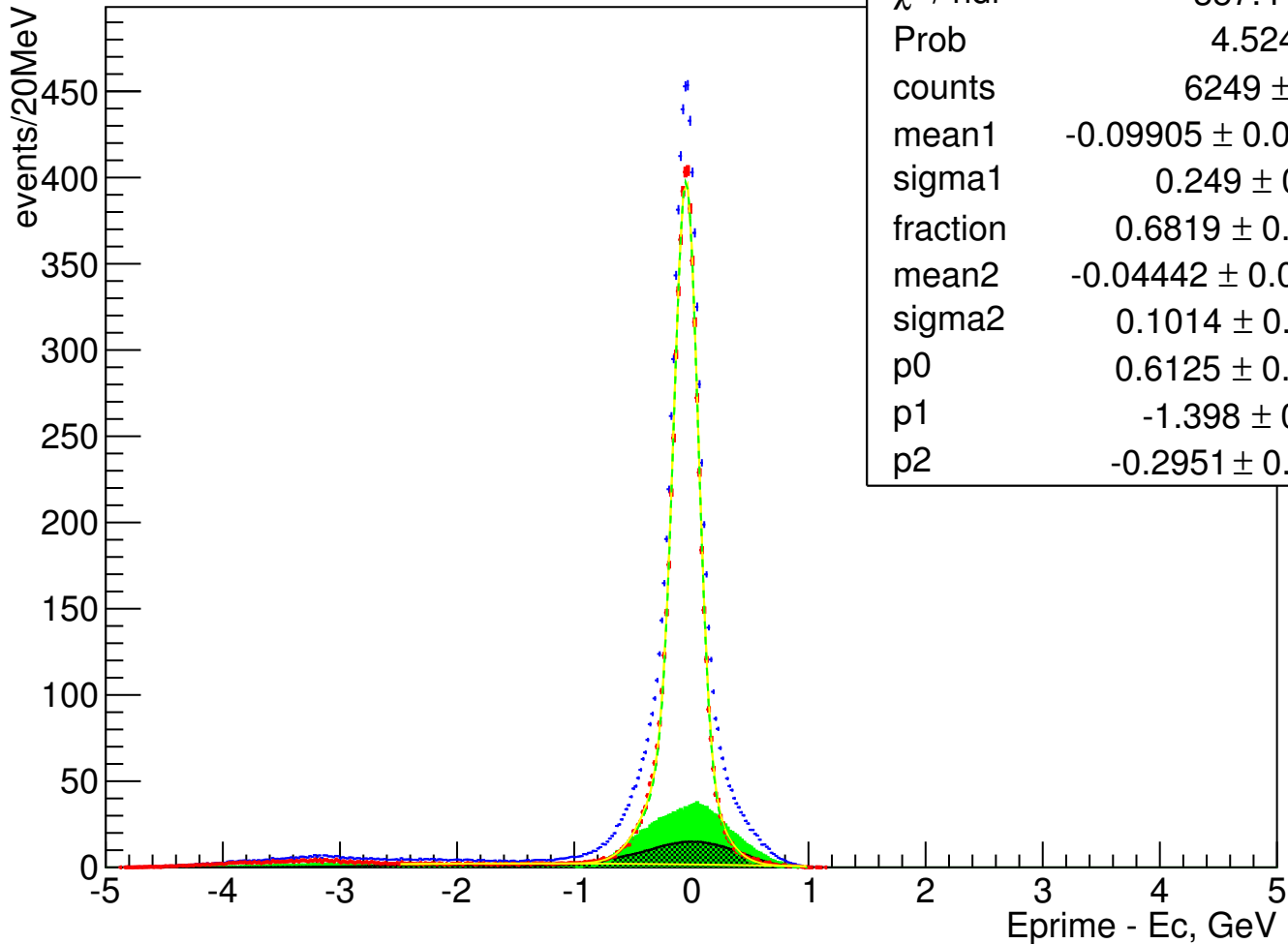
Eprime-Ec run 65018 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	333.8 / 166
Prob	2.315e-13
counts	6289 ± 83.4
mean1	-0.09144 ± 0.00827
sigma1	0.2605 ± 0.0125
fraction	0.6937 ± 0.0271
mean2	-0.04609 ± 0.00224
sigma2	0.1031 ± 0.0029
p0	0.1458 ± 0.2478
p1	-1.813 ± 0.455
p2	-0.3762 ± 0.1429
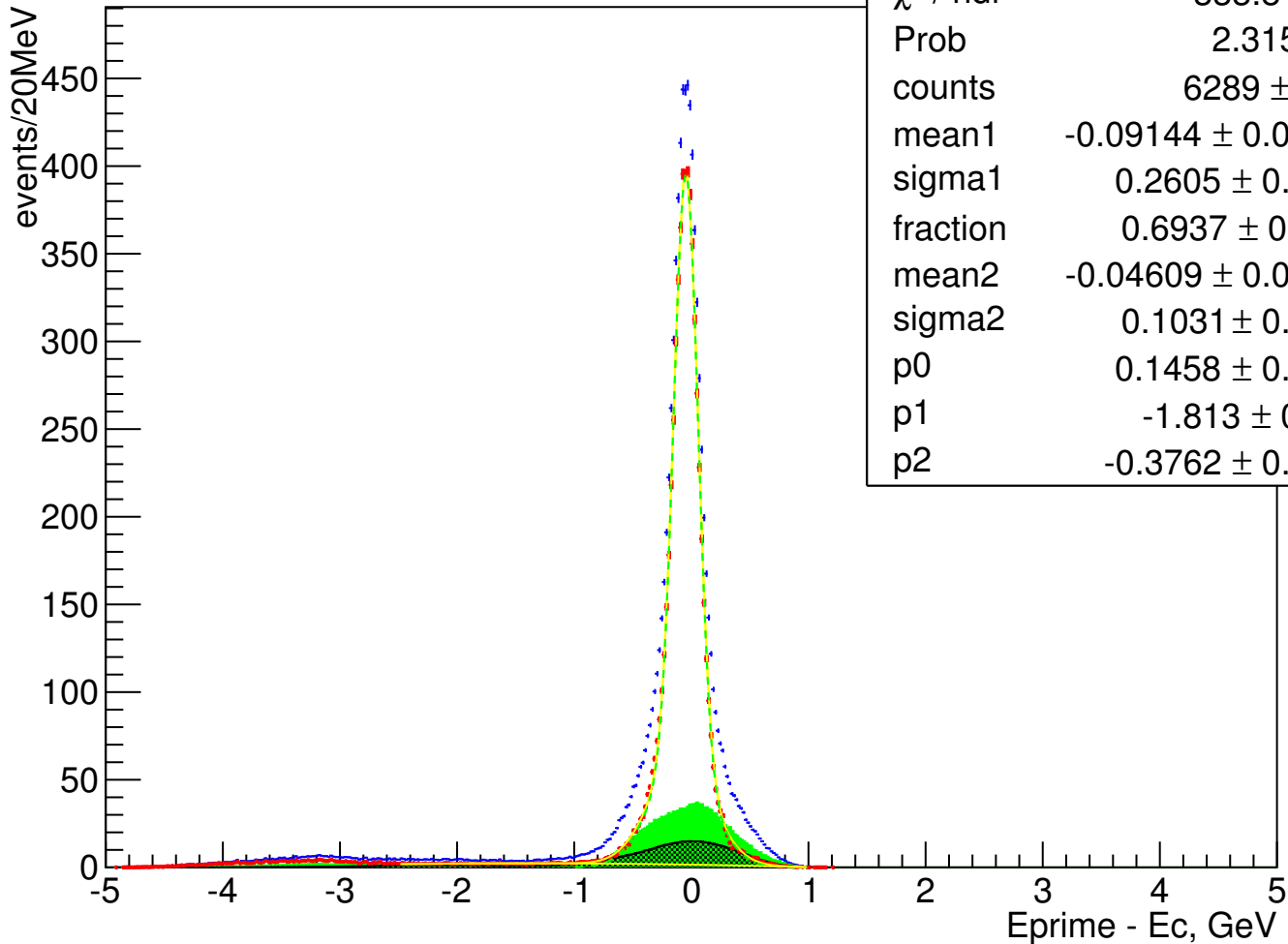
Eprime-Ec run 65019 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	260.3 / 166
Prob	4.034e-06
counts	6399 ± 84.7
mean1	-0.103 ± 0.008
sigma1	0.2549 ± 0.0120
fraction	0.6796 ± 0.0278
mean2	-0.05757 ± 0.00244
sigma2	0.1022 ± 0.0030
p0	0.6192 ± 0.3303
p1	-1.409 ± 0.442
p2	-0.2933 ± 0.1356
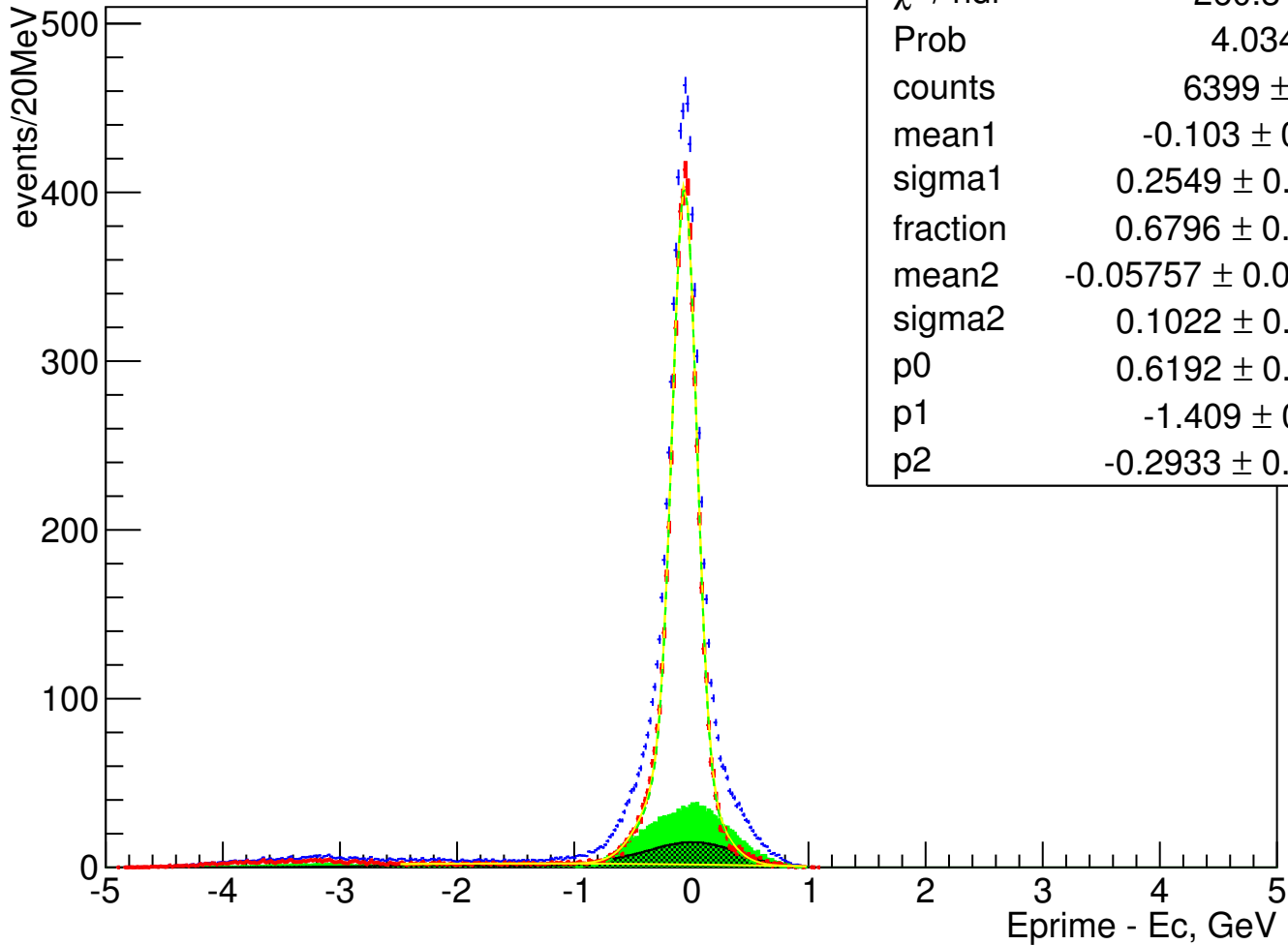
Eprime-Ec run 65029 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	240 / 166
Prob	0.0001518
counts	6504 ± 84.6
mean1	-0.1122 ± 0.0080
sigma1	0.2528 ± 0.0120
fraction	0.6797 ± 0.0288
mean2	-0.06696 ± 0.00227
sigma2	0.1029 ± 0.0030
p0	0.4753 ± 0.2895
p1	-1.661 ± 0.464
p2	-0.3561 ± 0.1434
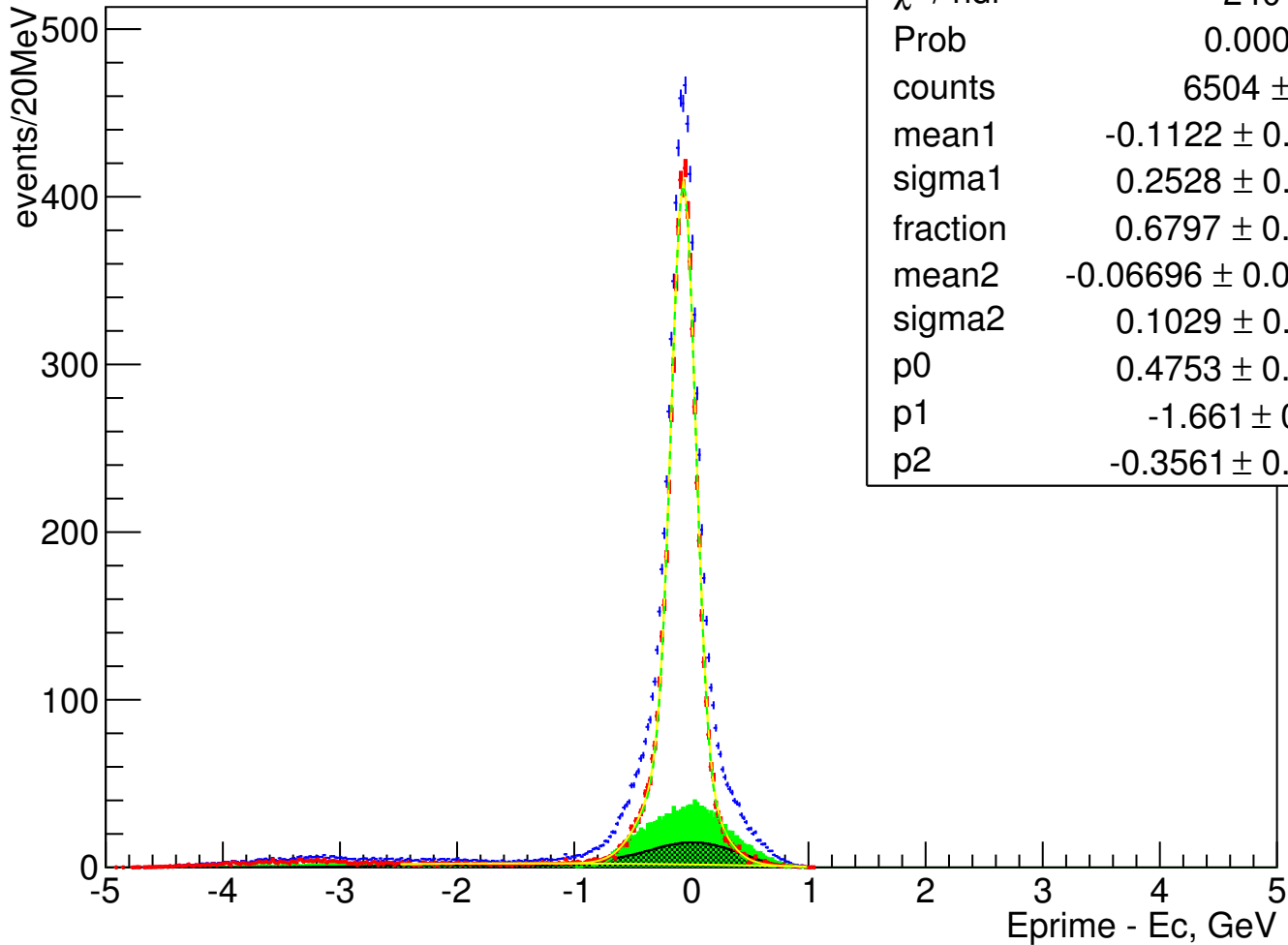
Eprime-Ec run 65030 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	388.8 / 166
Prob	6.333e-20
counts	6370 ± 84.9
mean1	-0.09787 ± 0.00802
sigma1	0.2573 ± 0.0130
fraction	0.6876 ± 0.0277
mean2	-0.05297 ± 0.00219
sigma2	0.1021 ± 0.0029
p0	0.3298 ± 0.3047
p1	-1.508 ± 0.475
p2	-0.2919 ± 0.1457
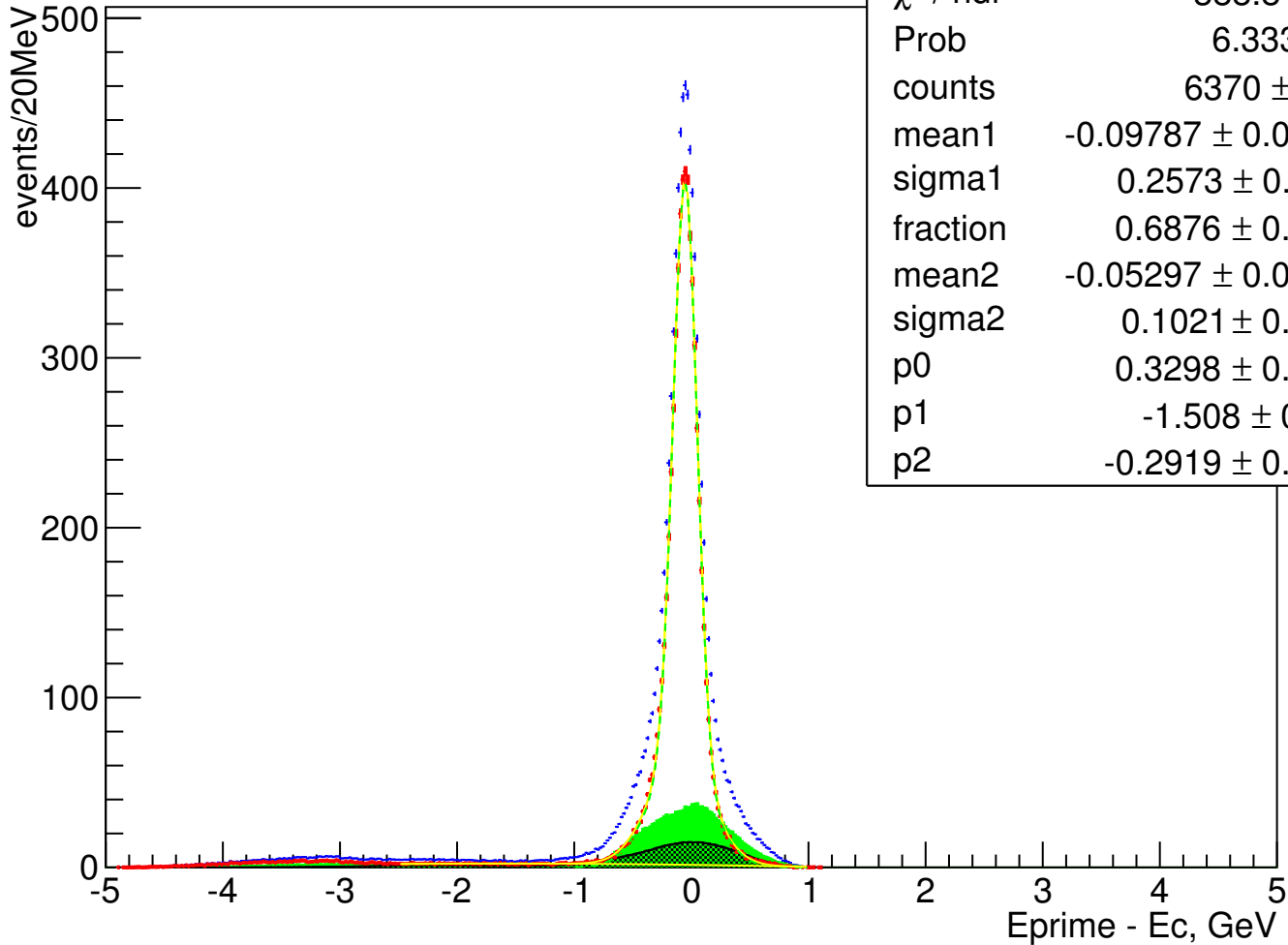
Eprime-Ec run 65031 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	257.5 / 166
Prob	6.826e-06
counts	6304 ± 84.2
mean1	-0.09212 ± 0.00871
sigma1	0.2662 ± 0.0120
fraction	0.6754 ± 0.0271
mean2	-0.03434 ± 0.00227
sigma2	0.1041 ± 0.0031
p0	0.3582 ± 0.2536
p1	-1.561 ± 0.468
p2	-0.2952 ± 0.1465
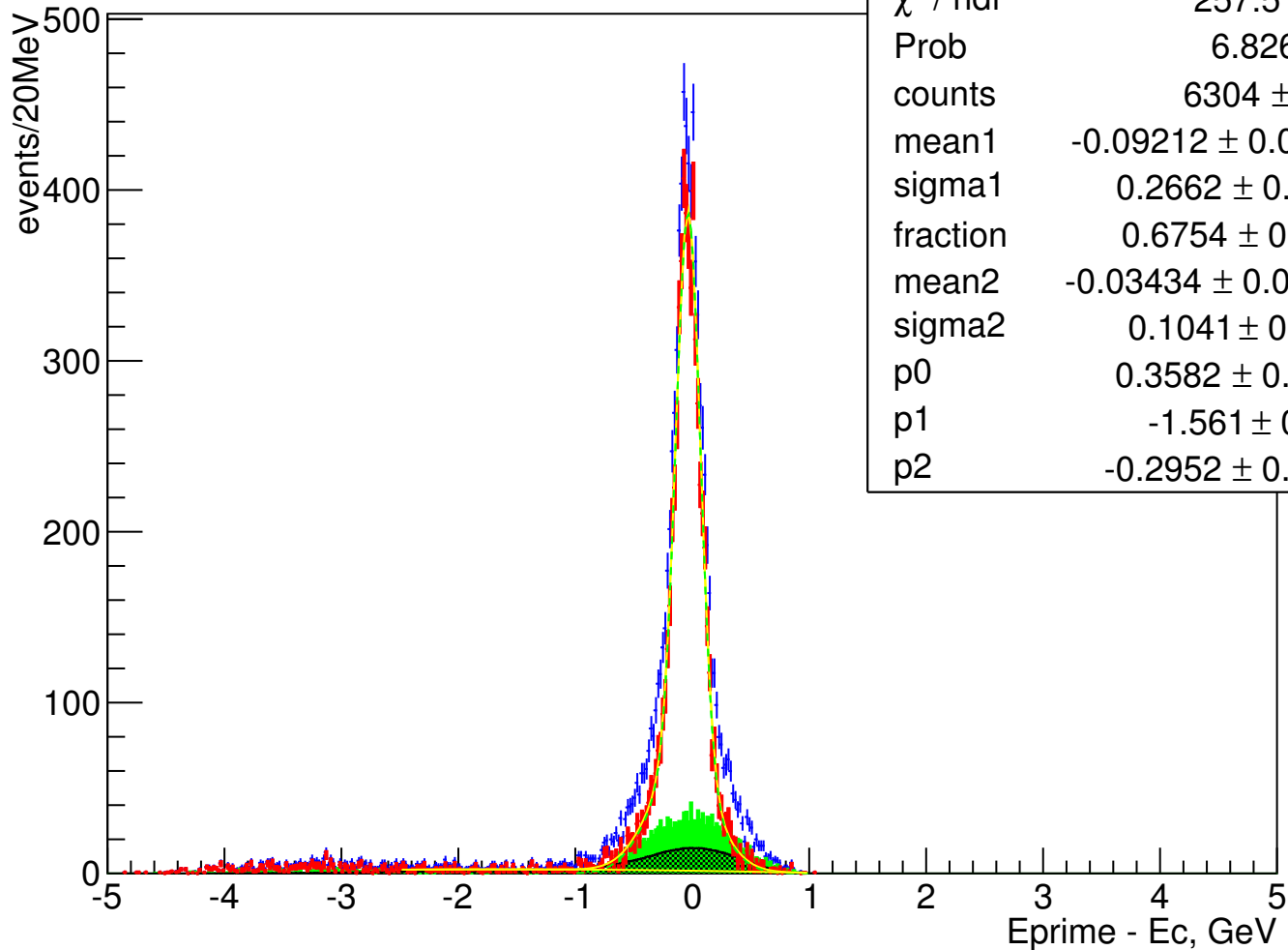
Eprime-Ec run 65032 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	312 / 166
Prob	5.299e-11
counts	6032 ± 81.9
mean1	-0.0841 ± 0.0086
sigma1	0.2491 ± 0.0121
fraction	0.6847 ± 0.0292
mean2	-0.02936 ± 0.00234
sigma2	0.1028 ± 0.0031
p0	0.2966 ± 0.2729
p1	-1.667 ± 0.447
p2	-0.3456 ± 0.1367

events/20MeV
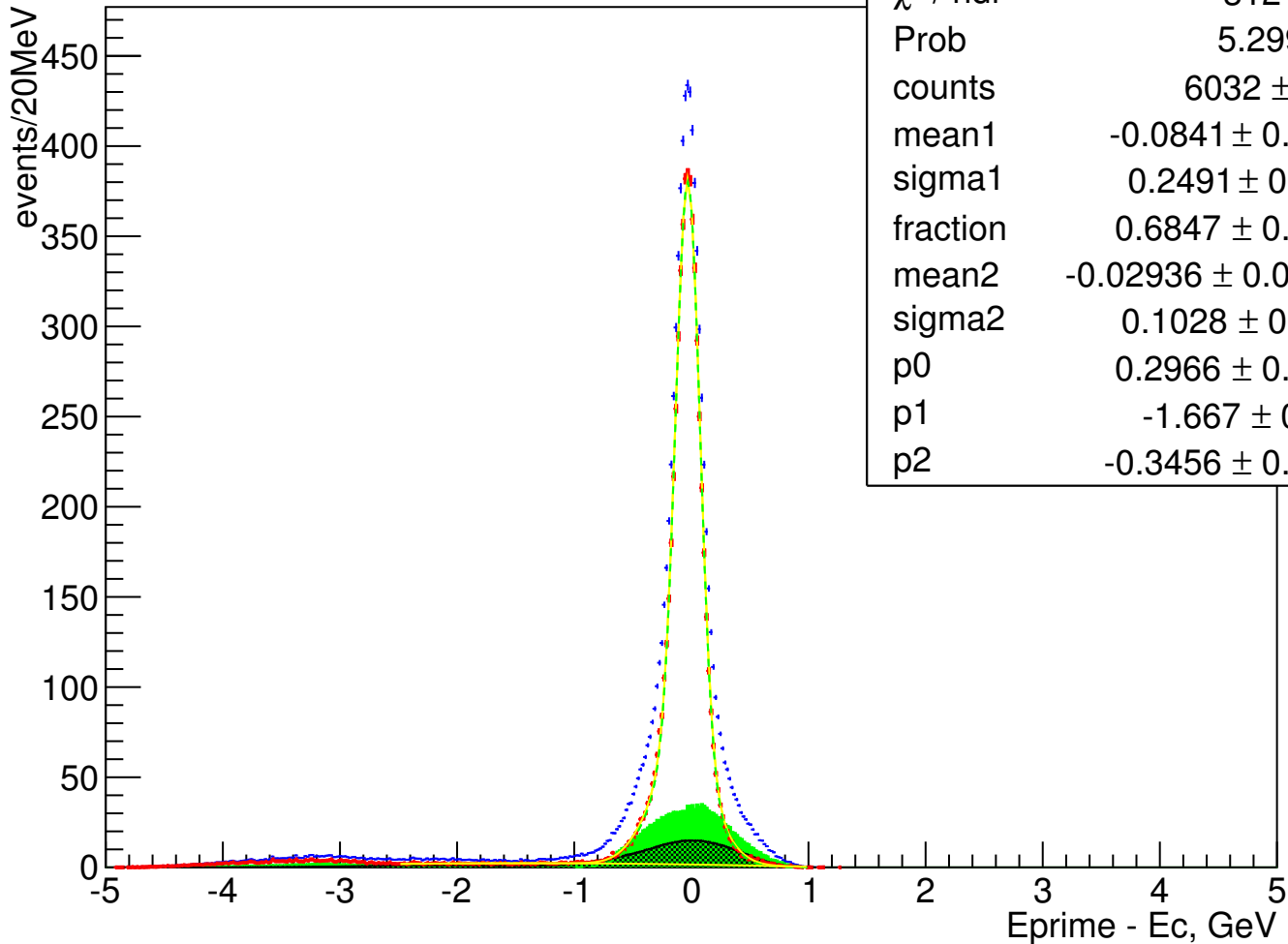
Eprime - Ec, GeV

Eprime-Ec run 65033 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	292.9 / 166
Prob	4.489e-09
counts	6192 ± 80.9
mean1	-0.08619 ± 0.00852
sigma1	0.2528 ± 0.0125
fraction	0.6928 ± 0.0302
mean2	-0.03976 ± 0.00232
sigma2	0.1034 ± 0.0031
p0	0.2073 ± 0.2396
p1	-1.692 ± 0.426
p2	-0.3525 ± 0.1358
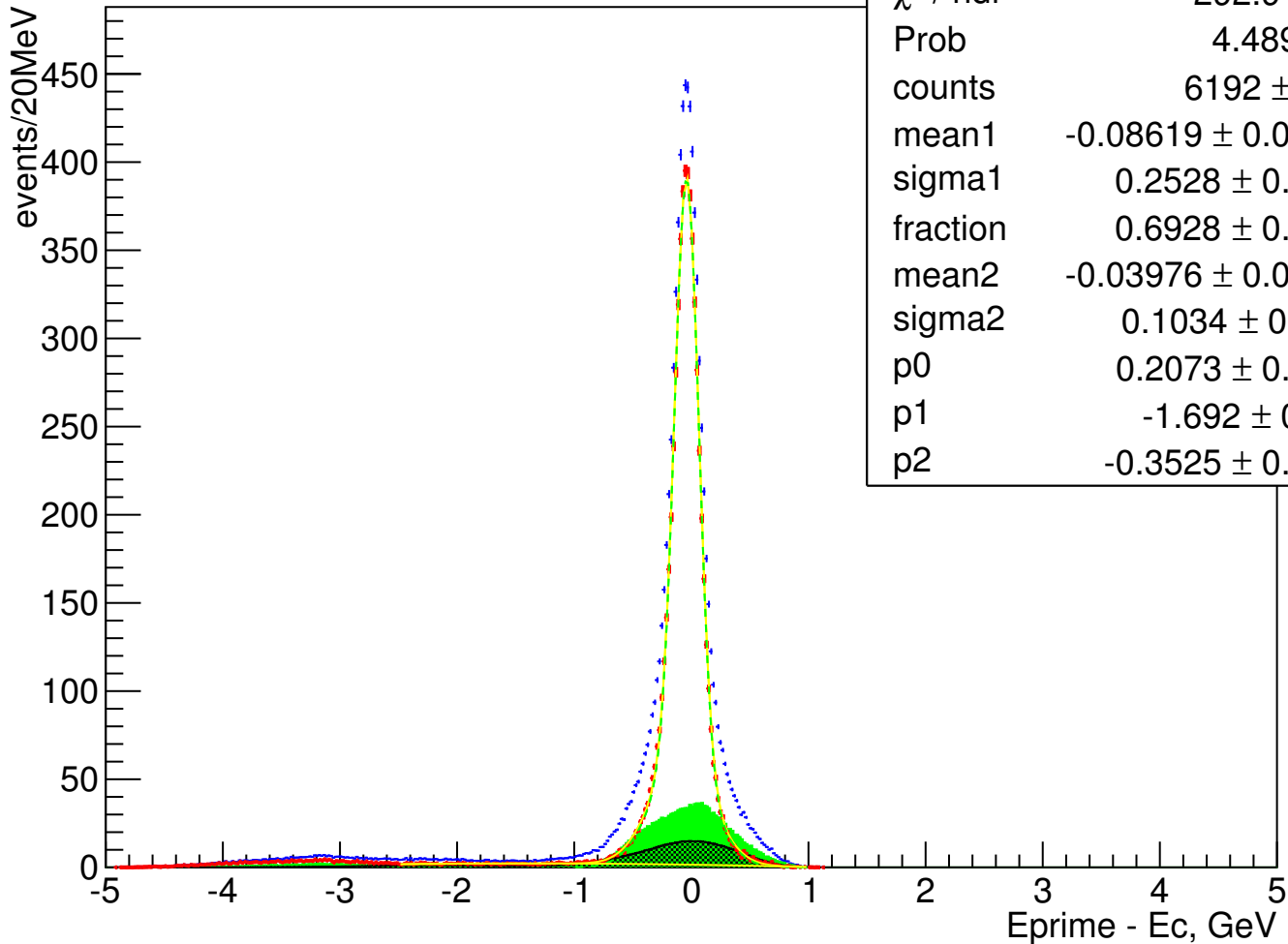
Eprime-Ec run 65034 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	259.5 / 166
Prob	4.64e-06
counts	6364 ± 83.8
mean1	-0.09757 ± 0.00834
sigma1	0.2662 ± 0.0123
fraction	0.7028 ± 0.0250
mean2	-0.05355 ± 0.00218
sigma2	0.1035 ± 0.0028
p0	0.1642 ± 0.2316
p1	-1.64 ± 0.45
p2	-0.3248 ± 0.1419
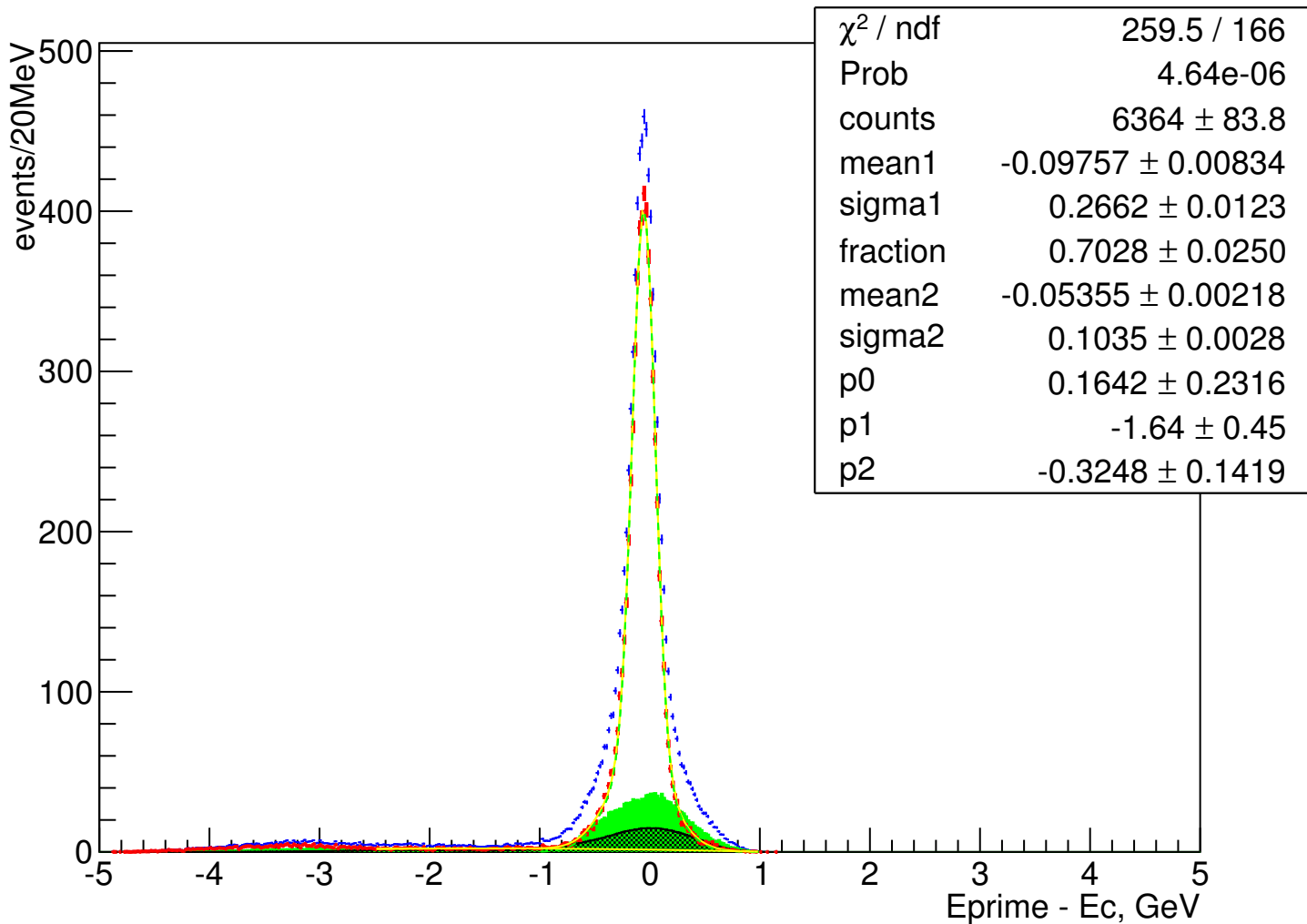
Eprime-Ec run 65035 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	269.7 / 166
Prob	6.373e-07
counts	6364 ± 83.8
mean1	-0.0997 ± 0.0081
sigma1	0.257 ± 0.012
fraction	0.6844 ± 0.0276
mean2	-0.05183 ± 0.00228
sigma2	0.1035 ± 0.0030
p0	0.2805 ± 0.2669
p1	-1.552 ± 0.470
p2	-0.2995 ± 0.1467
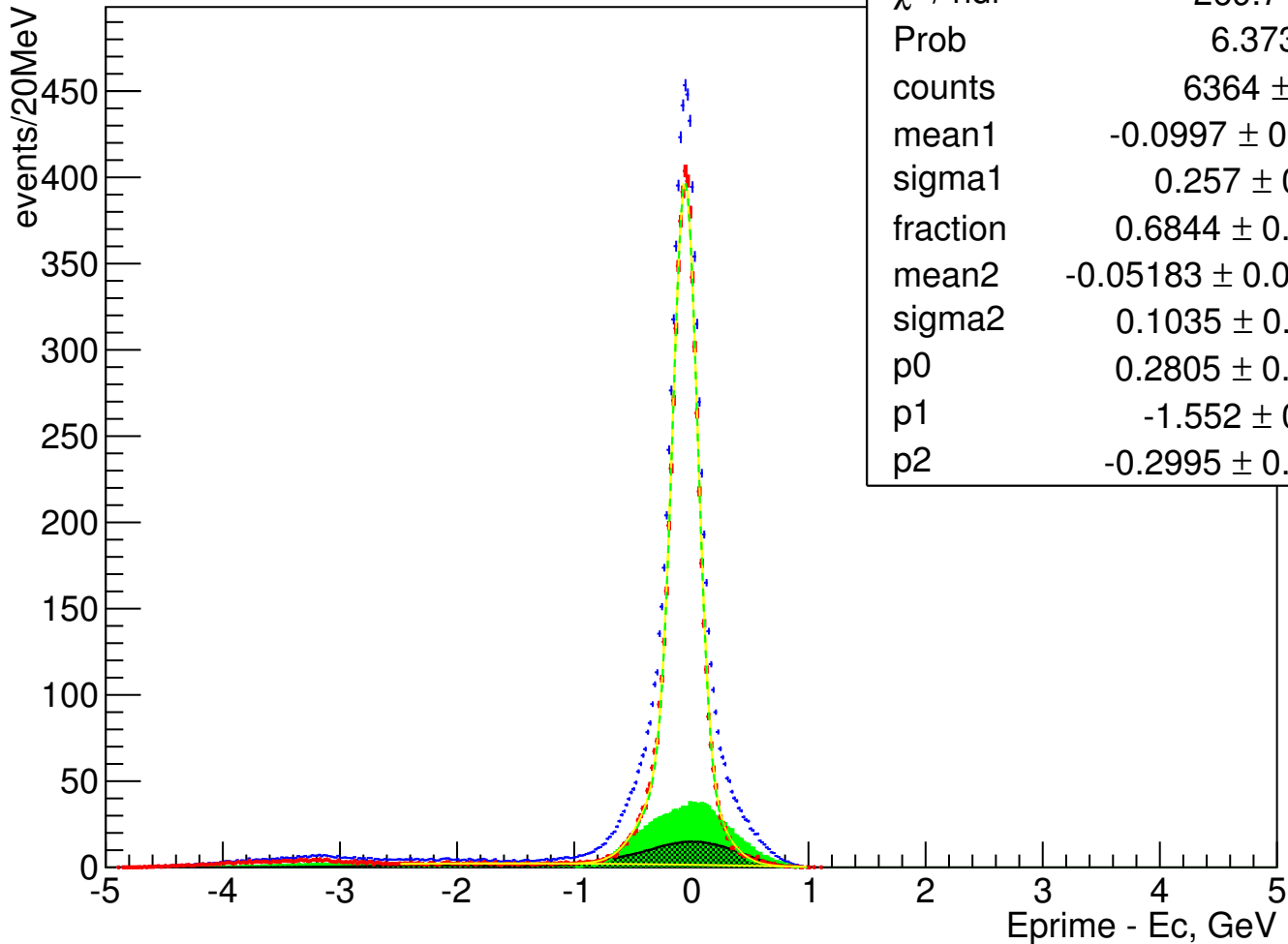
Eprime-Ec run 65036 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	371.3 / 166
Prob	9.638e-18
counts	6333 ± 83.6
mean1	-0.09861 ± 0.00804
sigma1	0.2601 ± 0.0117
fraction	0.6847 ± 0.0260
mean2	-0.05078 ± 0.00223
sigma2	0.102 ± 0.003
p0	0.2322 ± 0.2558
p1	-1.506 ± 0.463
p2	-0.2712 ± 0.1459
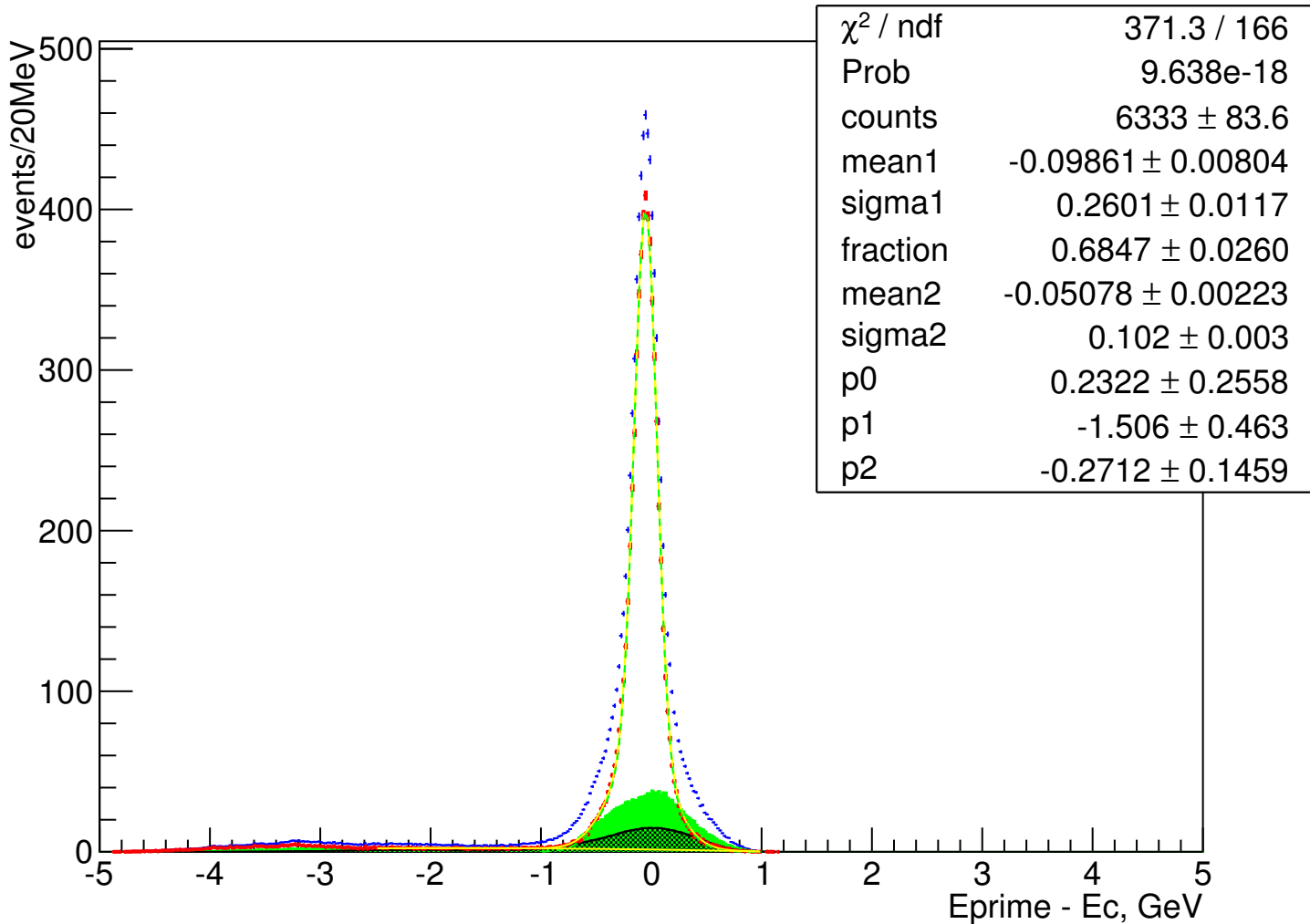
Eprime-Ec run 65037 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	321.4 / 166
Prob	5.304e-12
counts	6266 ± 82.5
mean1	-0.09642 ± 0.00802
sigma1	0.2501 ± 0.0112
fraction	0.6816 ± 0.0276
mean2	-0.04578 ± 0.00227
sigma2	0.1014 ± 0.0029
p0	0.4227 ± 0.2707
p1	-1.458 ± 0.446
p2	-0.284 ± 0.137

events/20MeV
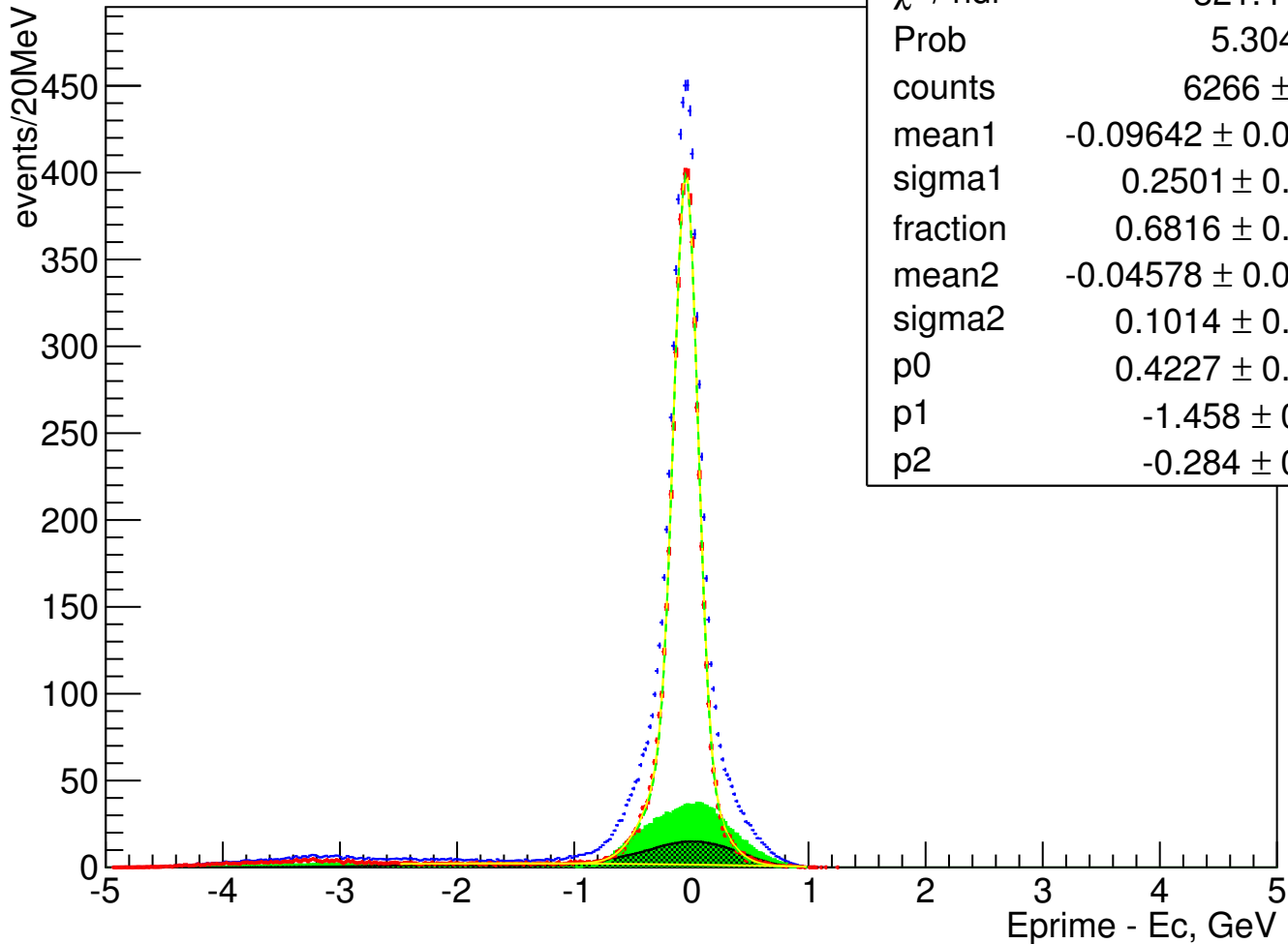
Eprime - Ec, GeV

Eprime-Ec run 65038 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	340.7 / 166
Prob	3.869e-14
counts	6282 ± 83.6
mean1	-0.09251 ± 0.00831
sigma1	0.2533 ± 0.0125
fraction	0.6818 ± 0.0290
mean2	-0.04247 ± 0.00232
sigma2	0.1025 ± 0.0031
p0	0.4278 ± 0.3077
p1	-1.622 ± 0.481
p2	-0.3352 ± 0.1470
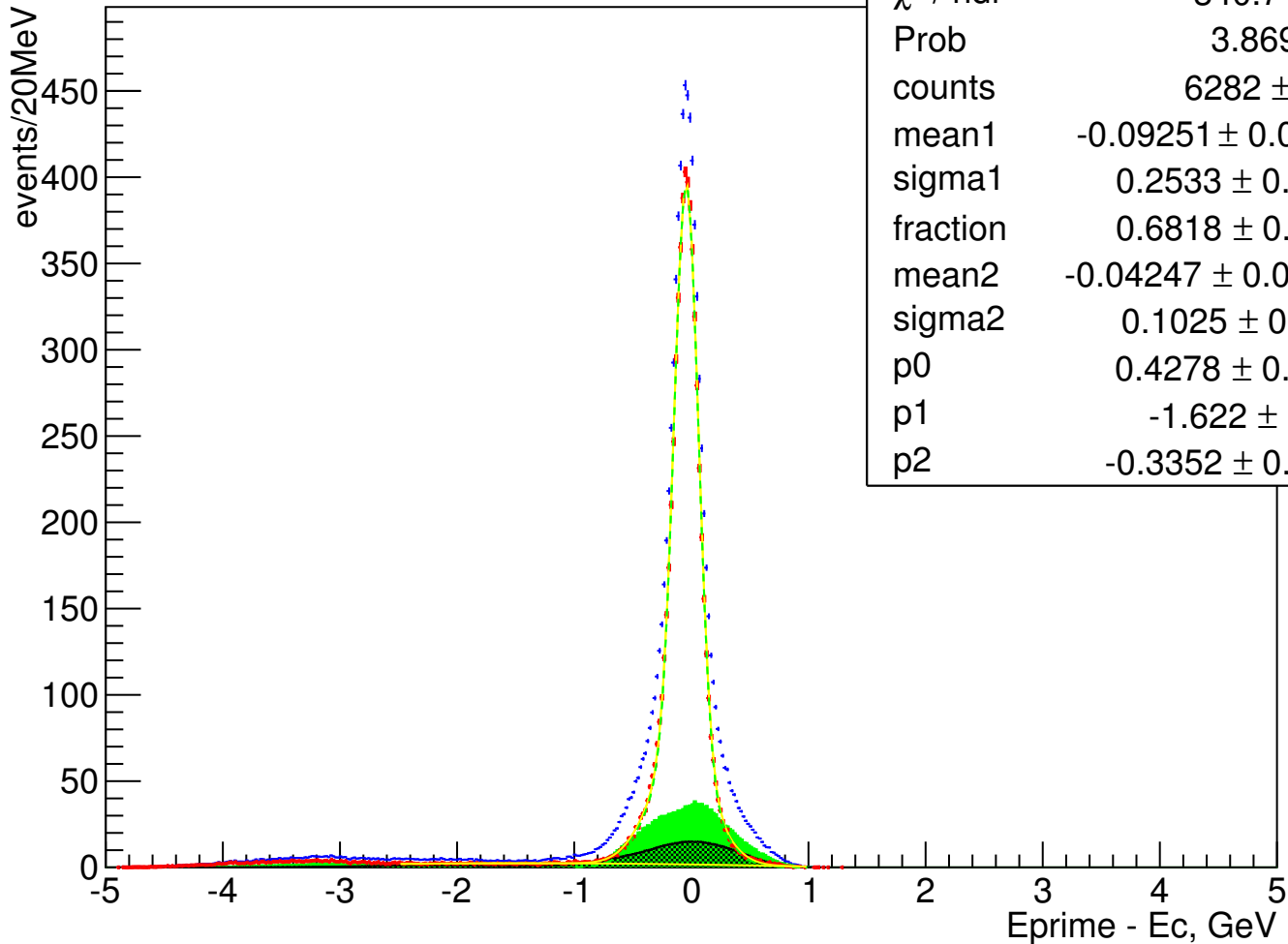
Eprime-Ec run 65039 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	343.8 / 166
Prob	1.741e-14
counts	6391 ± 84.3
mean1	-0.09964 ± 0.00811
sigma1	0.2602 ± 0.0121
fraction	0.6849 ± 0.0264
mean2	-0.05229 ± 0.00223
sigma2	0.1021 ± 0.0029
p0	0.3494 ± 0.2806
p1	-1.529 ± 0.478
p2	-0.2948 ± 0.1491
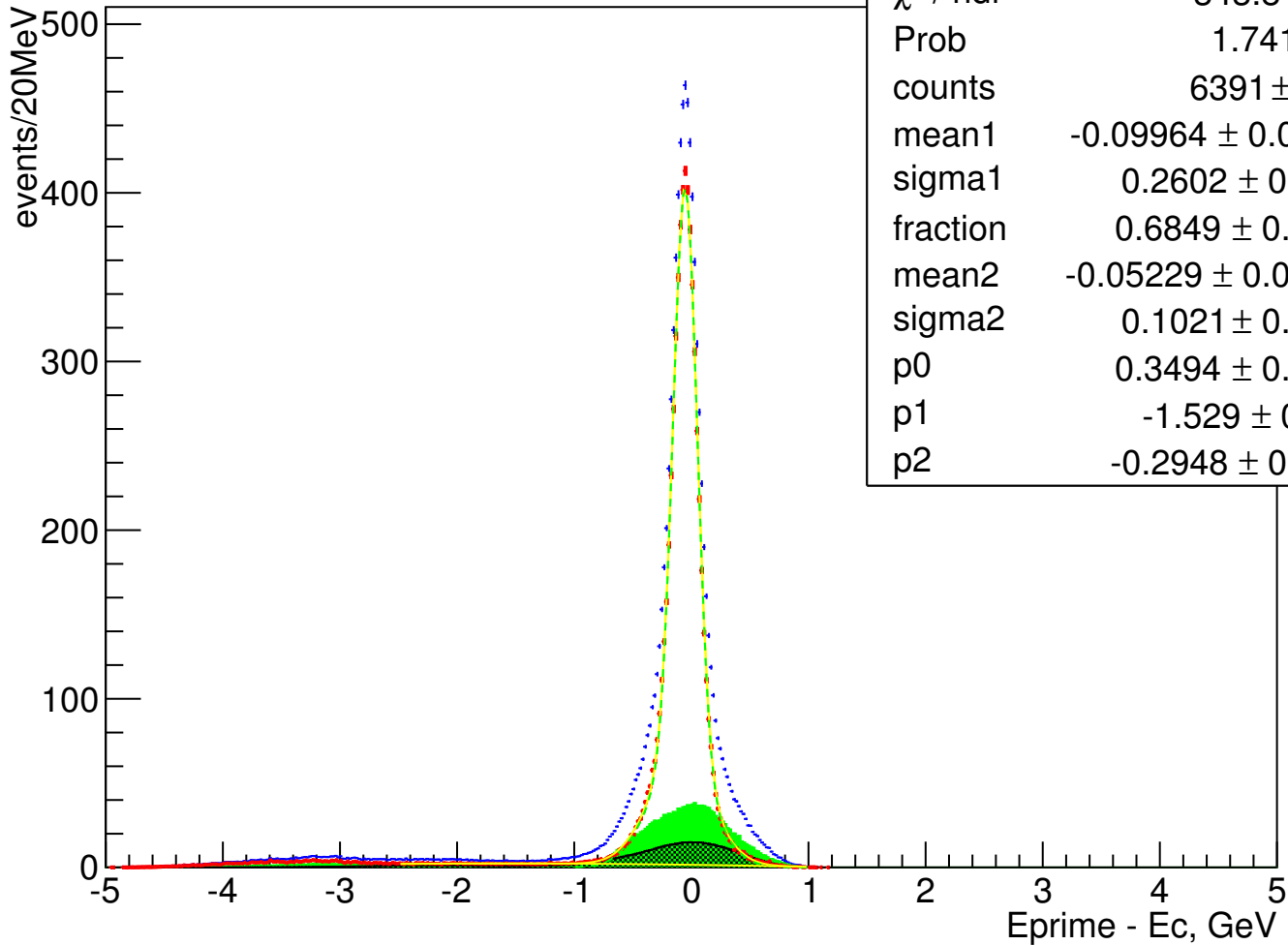
Eprime-Ec run 65040 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	388.3 / 166
Prob	7.312e-20
counts	6313 ± 85.1
mean1	-0.09692 ± 0.00835
sigma1	0.2564 ± 0.0128
fraction	0.6923 ± 0.0282
mean2	-0.04758 ± 0.00230
sigma2	0.1025 ± 0.0030
p0	0.4103 ± 0.2955
p1	-1.63 ± 0.49
p2	-0.3401 ± 0.1491
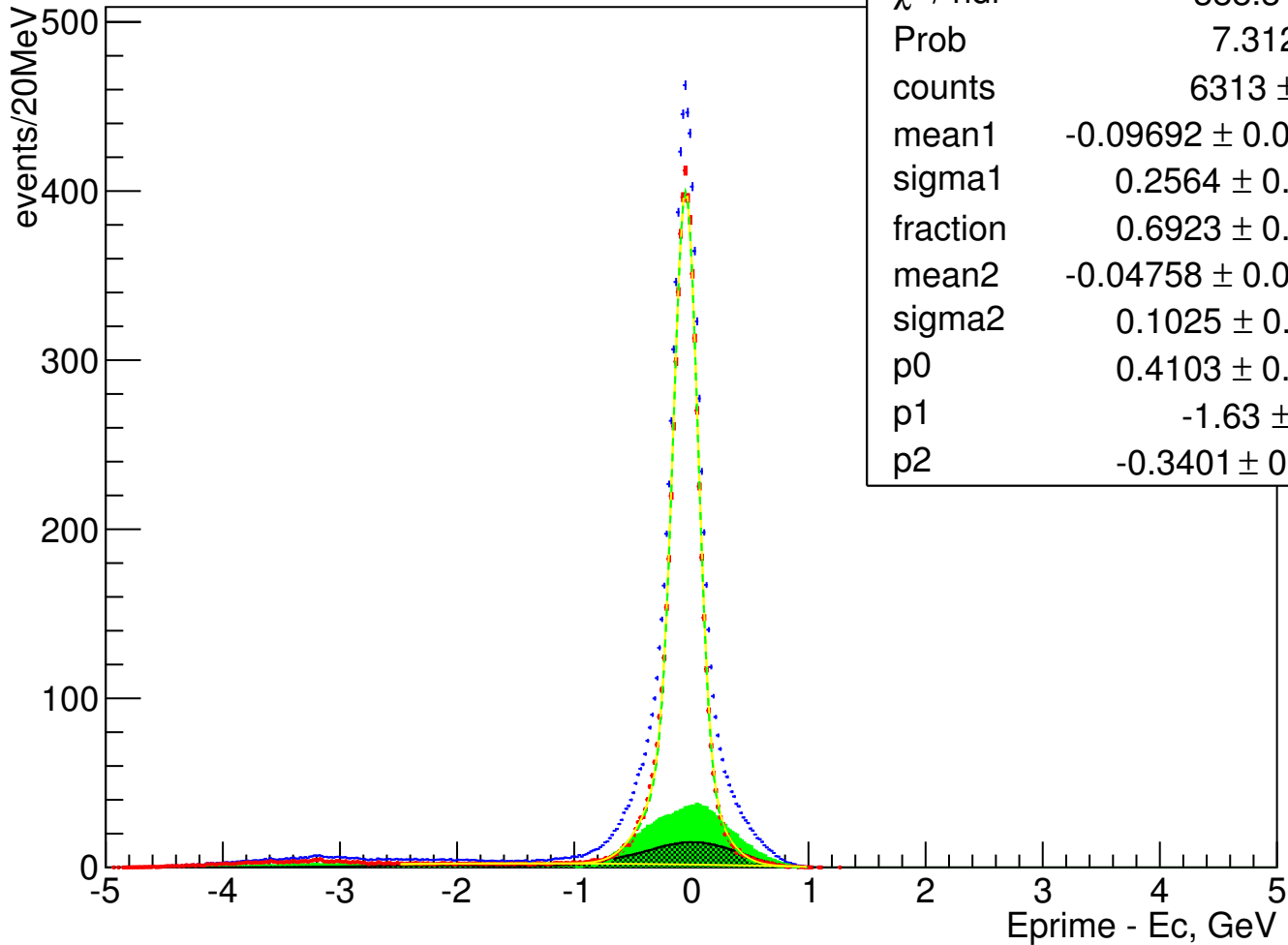
Eprime-Ec run 65041 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	374.2 / 166
Prob	4.237e-18
counts	6122 ± 82.2
mean1	-0.0839 ± 0.0085
sigma1	0.2564 ± 0.0125
fraction	0.6902 ± 0.0280
mean2	-0.03469 ± 0.00229
sigma2	0.1025 ± 0.0030
p0	0.2355 ± 0.2654
p1	-1.612 ± 0.436
p2	-0.323 ± 0.138
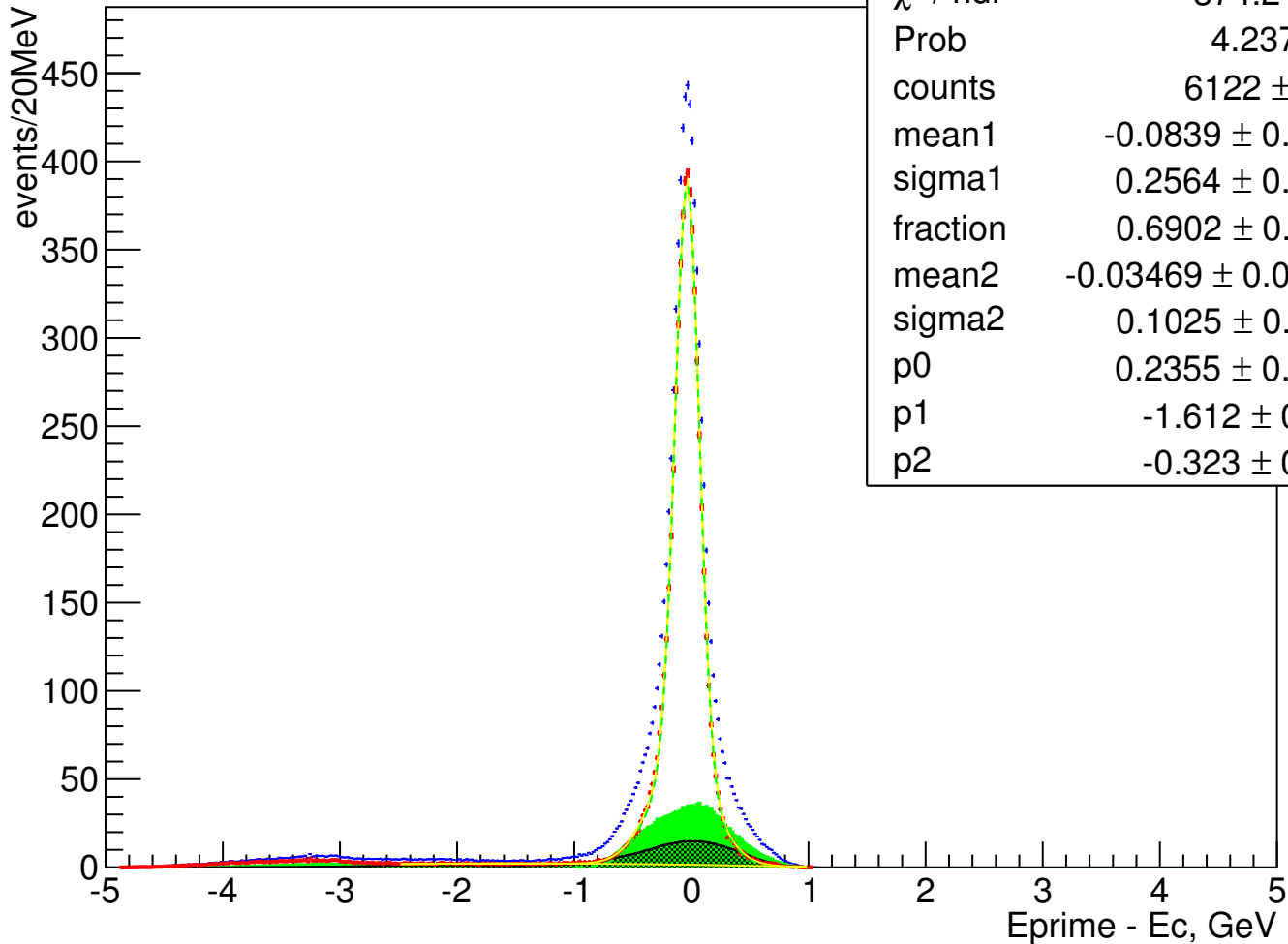
Eprime-Ec run 65042 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	420.3 / 166
Prob	5.274e-24
counts	6330 ± 84.7
mean1	-0.09621 ± 0.00818
sigma1	0.2543 ± 0.0120
fraction	0.6789 ± 0.0285
mean2	-0.04865 ± 0.00234
sigma2	0.1018 ± 0.0030
p0	0.3151 ± 0.2677
p1	-1.667 ± 0.467
p2	-0.3478 ± 0.1443
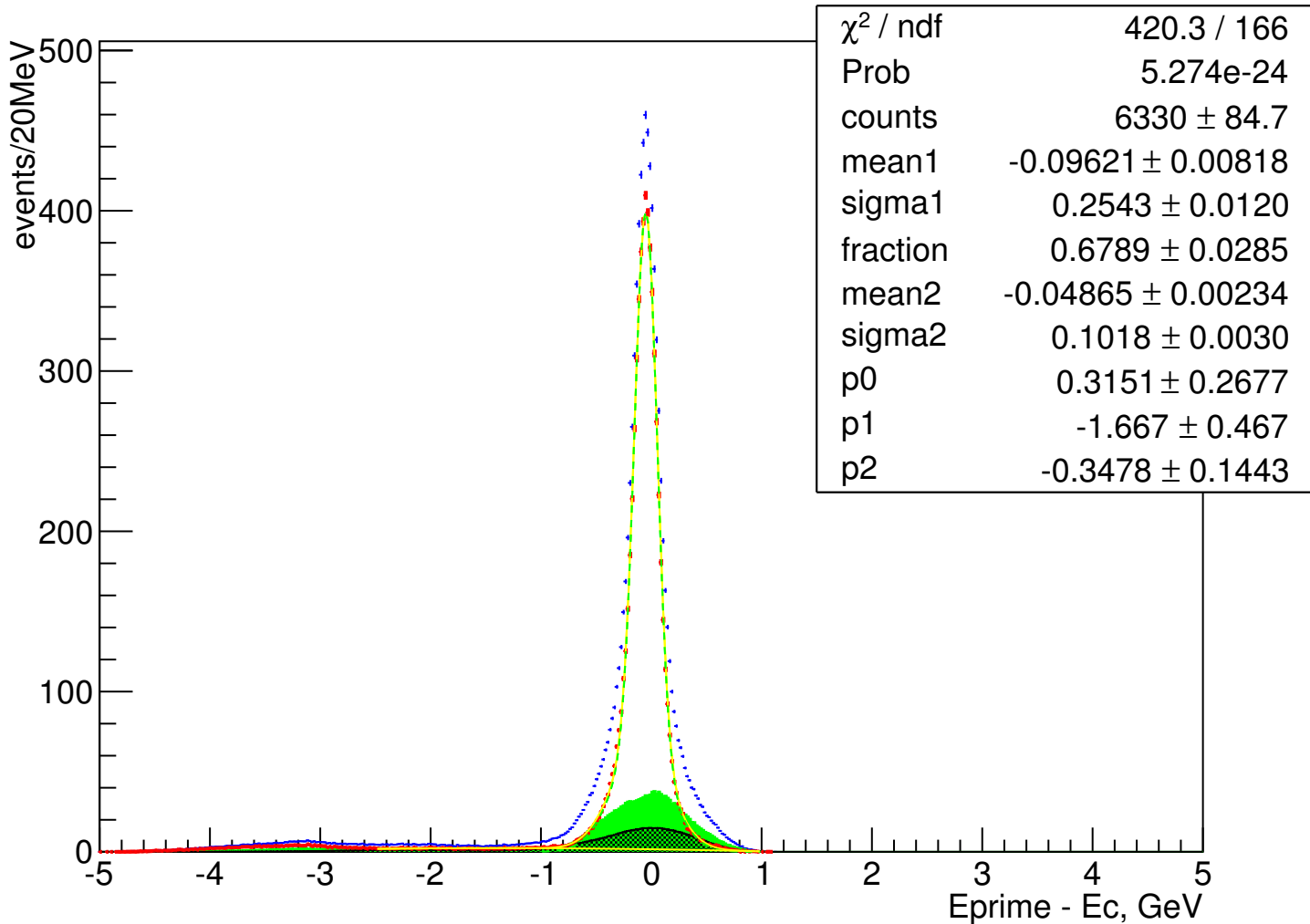
Eprime-Ec run 65043 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	416.7 / 166
Prob	1.564e-23
counts	6287 ± 85.0
mean1	-0.09756 ± 0.00808
sigma1	0.2566 ± 0.0125
fraction	0.6934 ± 0.0271
mean2	-0.04481 ± 0.00228
sigma2	0.1033 ± 0.0029
p0	0.364 ± 0.280
p1	-1.592 ± 0.459
p2	-0.3187 ± 0.1443
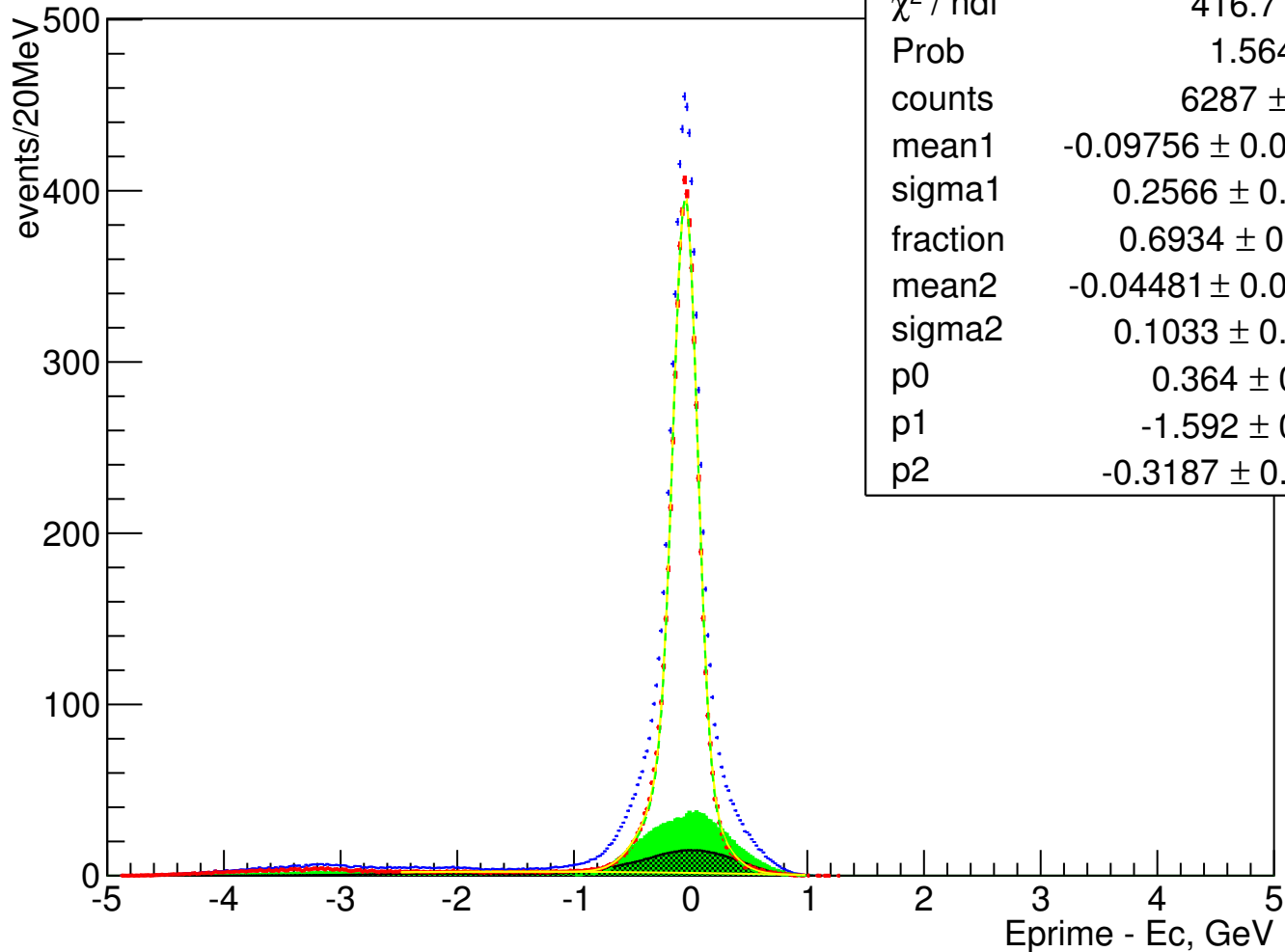
Eprime-Ec run 65044 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	430.3 / 166
Prob	2.347e-25
counts	6261 ± 83.2
mean1	-0.09007 ± 0.00823
sigma1	0.2551 ± 0.0121
fraction	0.6822 ± 0.0282
mean2	-0.03966 ± 0.00230
sigma2	0.1024 ± 0.0030
p0	0.2427 ± 0.2640
p1	-1.828 ± 0.459
p2	-0.3978 ± 0.1427
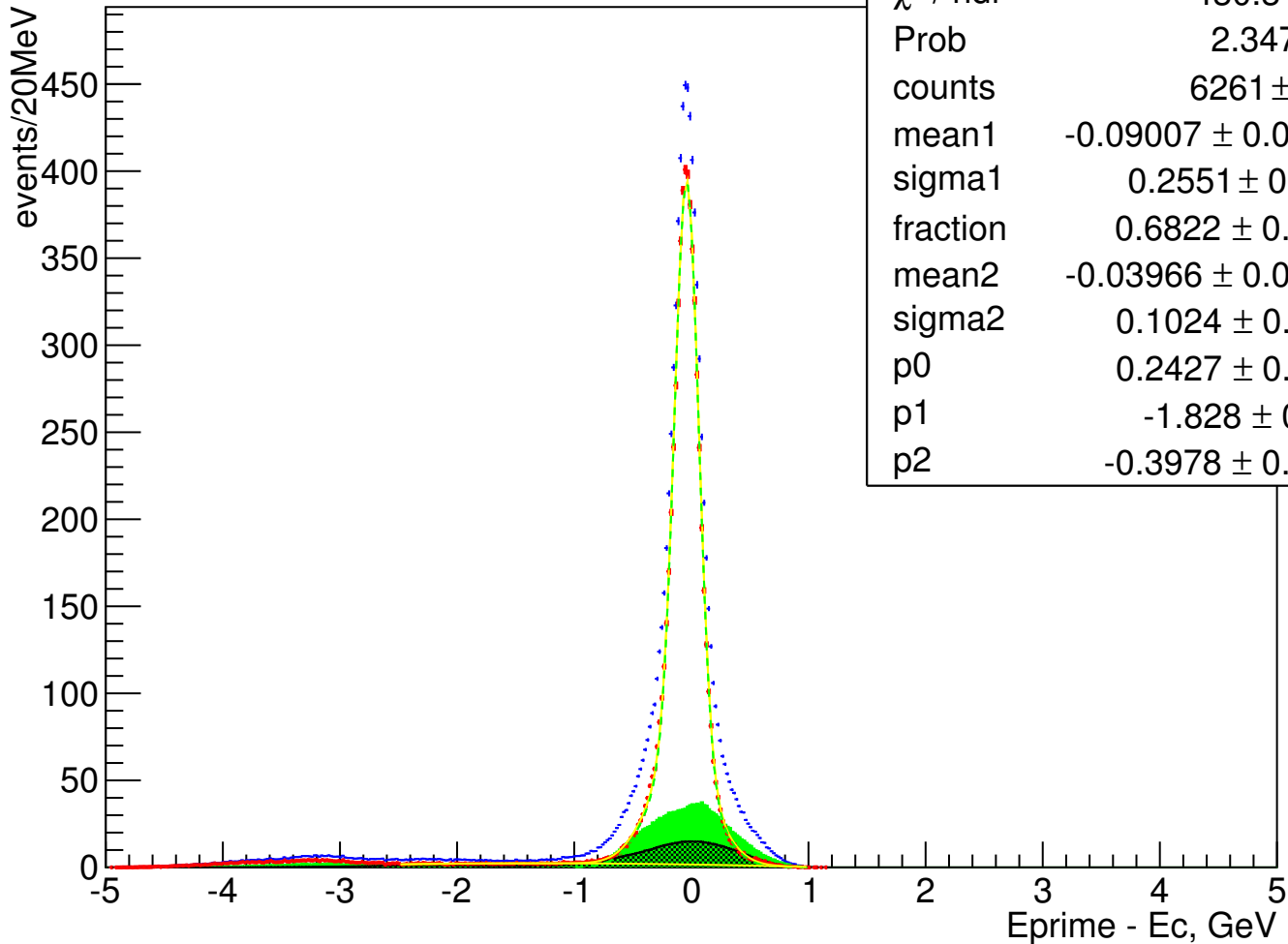
Eprime-Ec run 65046 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	551.9 / 166
Prob	5.97e-43
counts	6398 ± 85.4
mean1	-0.09816 ± 0.00803
sigma1	0.256 ± 0.012
fraction	0.6801 ± 0.0298
mean2	-0.0499 ± 0.0023
sigma2	0.1025 ± 0.0032
p0	0.5116 ± 0.3221
p1	-1.402 ± 0.480
p2	-0.2754 ± 0.1466
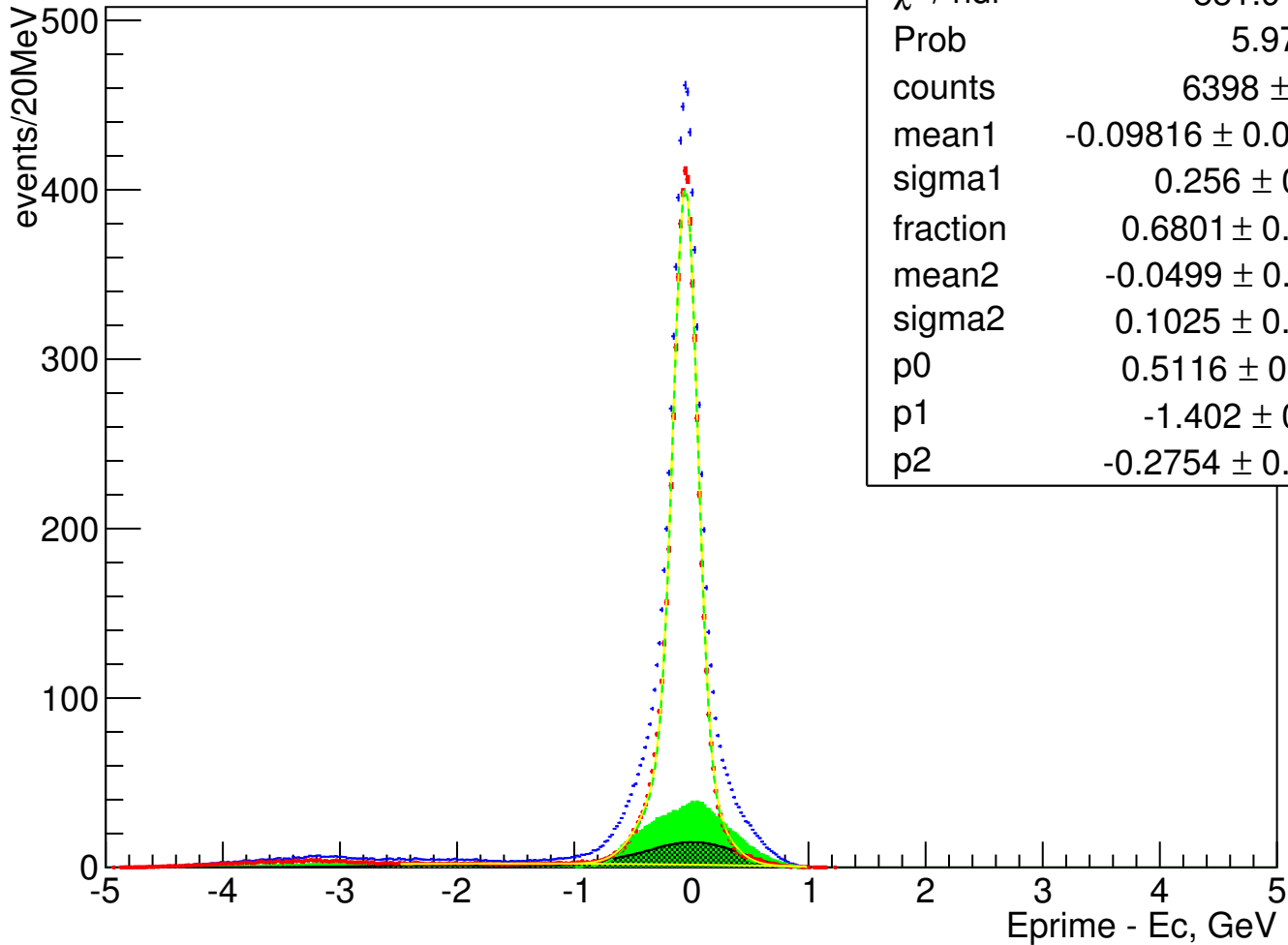
Eprime-Ec run 65047 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	393.6 / 166
Prob	1.552e-20
counts	6332 ± 84.1
mean1	-0.09652 ± 0.00783
sigma1	0.2561 ± 0.0123
fraction	0.6856 ± 0.0278
mean2	-0.04907 ± 0.00234
sigma2	0.1025 ± 0.0030
p0	0.2575 ± 0.2657
p1	-1.603 ± 0.460
p2	-0.3157 ± 0.1442
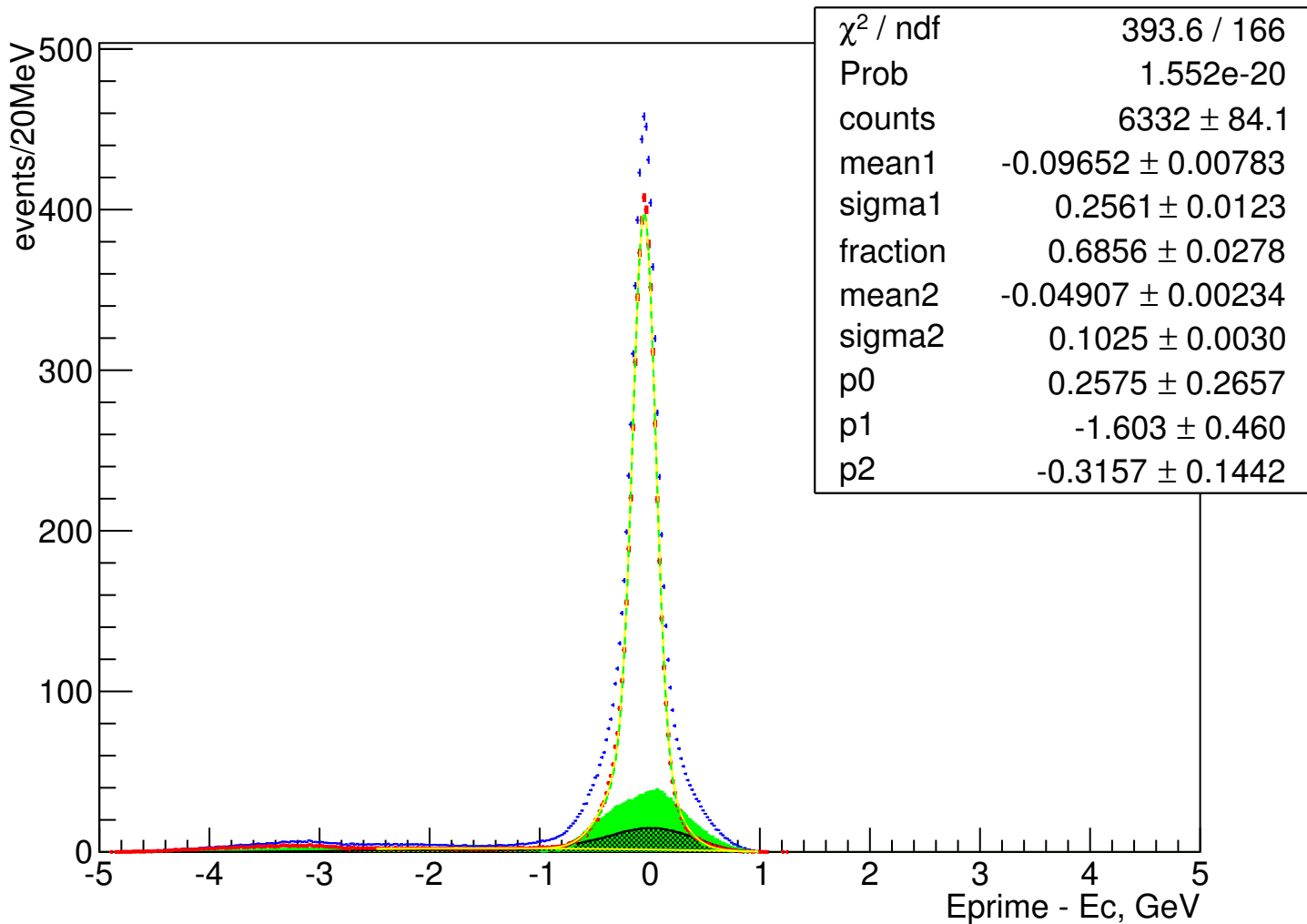
Eprime-Ec run 65048 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	410.1 / 166
Prob	1.141e-22
counts	6267 ± 83.3
mean1	-0.09679 ± 0.00806
sigma1	0.2511 ± 0.0118
fraction	0.6739 ± 0.0287
mean2	-0.04446 ± 0.00235
sigma2	0.1017 ± 0.0030
p0	0.4554 ± 0.3004
p1	-1.609 ± 0.479
p2	-0.3342 ± 0.1465
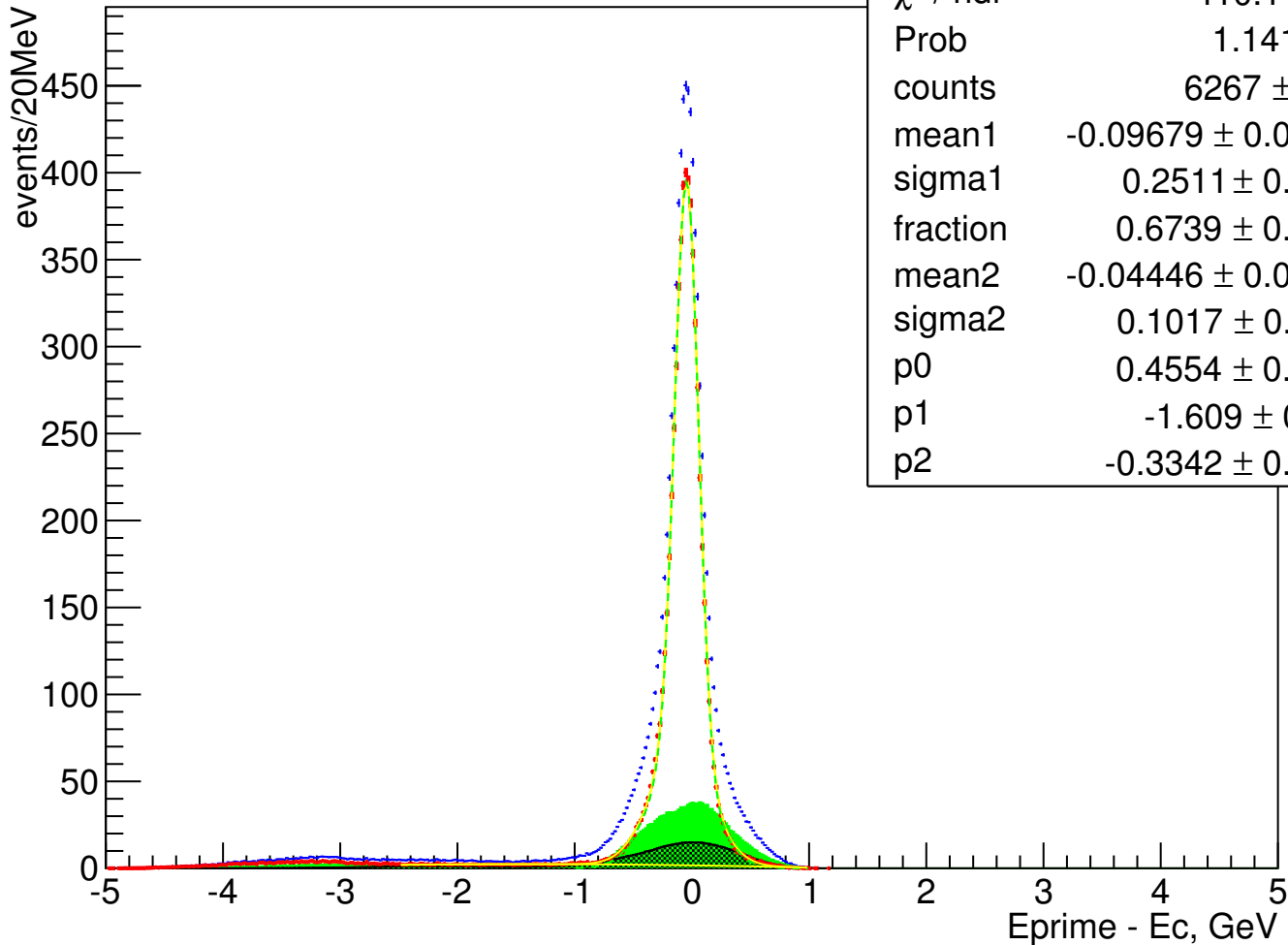
Eprime-Ec run 65049 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	519.7 / 166
Prob	4.414e-38
counts	6301 ± 83.4
mean1	-0.09441 ± 0.00799
sigma1	0.2525 ± 0.0118
fraction	0.6754 ± 0.0288
mean2	-0.0451 ± 0.0023
sigma2	0.1022 ± 0.0030
p0	0.3018 ± 0.2823
p1	-1.777 ± 0.470
p2	-0.3748 ± 0.1441
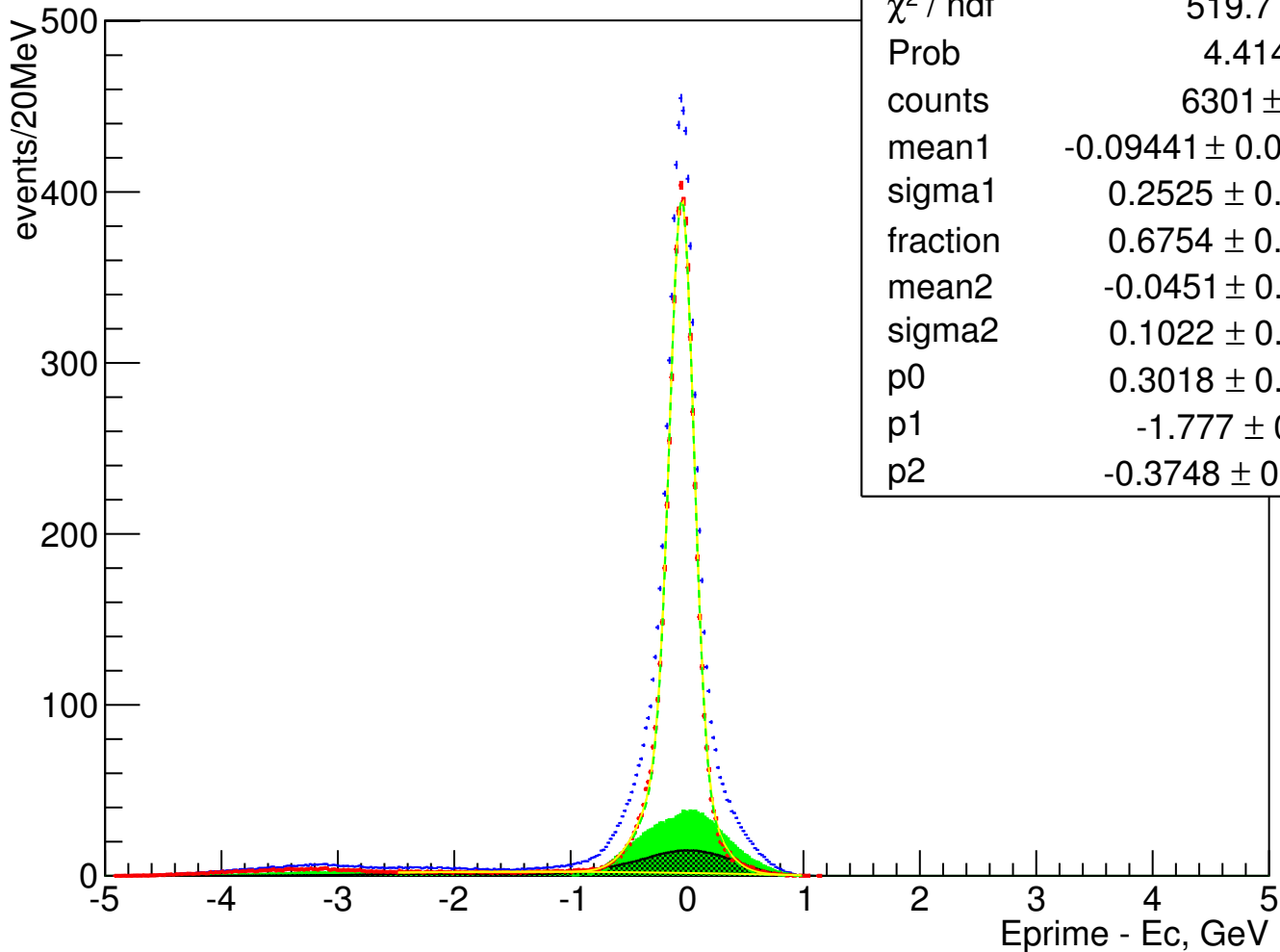
Eprime-Ec run 65050 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	378 / 166
Prob	1.445e-18
counts	6316 ± 85.8
mean1	-0.09855 ± 0.00828
sigma1	0.2531 ± 0.0116
fraction	0.6764 ± 0.0287
mean2	-0.04592 ± 0.00232
sigma2	0.1024 ± 0.0031
p0	0.3785 ± 0.2692
p1	-1.503 ± 0.464
p2	-0.2979 ± 0.1438
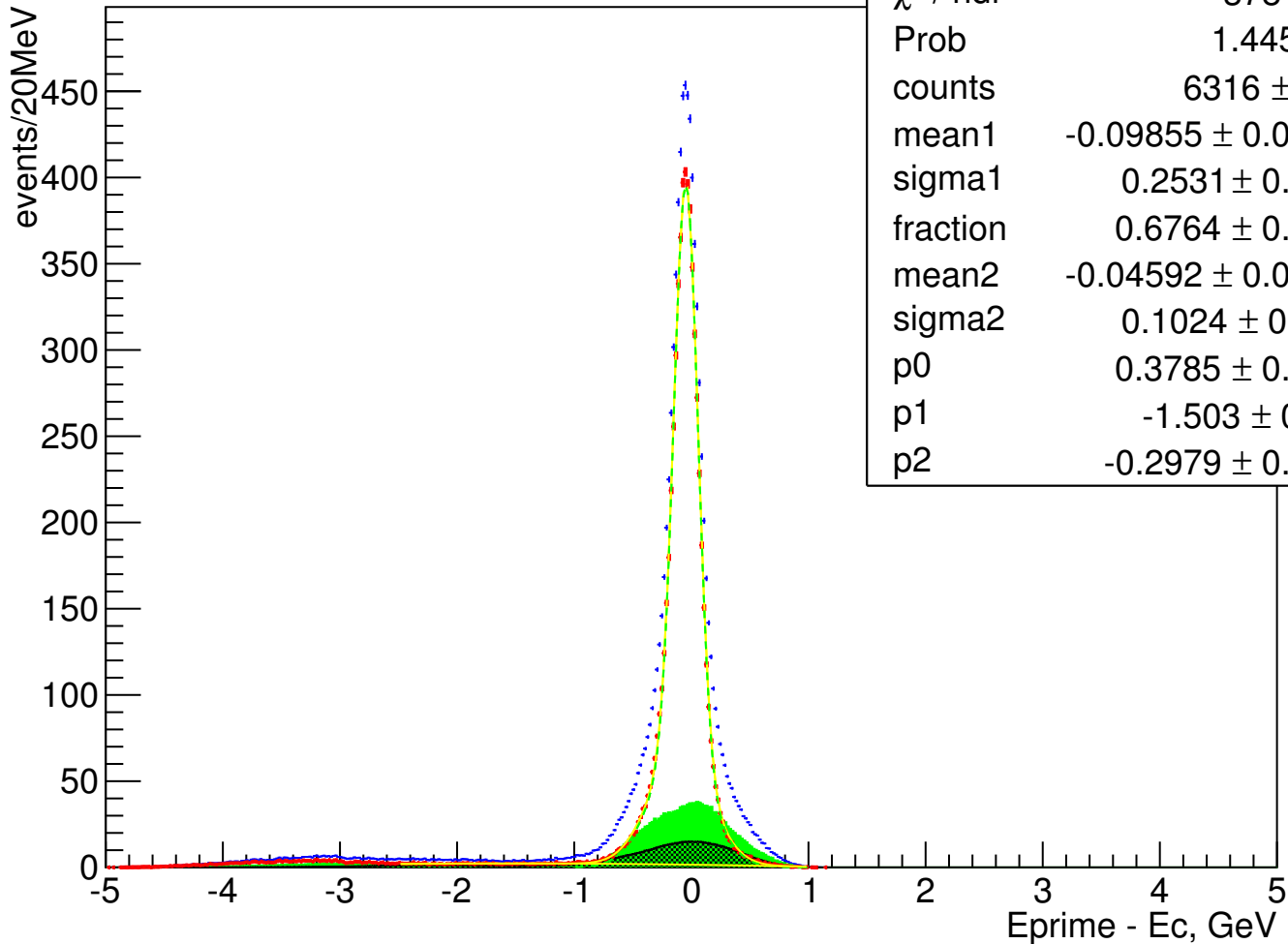
Eprime-Ec run 65051 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	463 / 166
Prob	7.412e-30
counts	6334 ± 84.8
mean1	-0.09872 ± 0.00818
sigma1	0.2574 ± 0.0126
fraction	0.6837 ± 0.0279
mean2	-0.04589 ± 0.00231
sigma2	0.1024 ± 0.0030
p0	0.37 ± 0.29
p1	-1.602 ± 0.453
p2	-0.3295 ± 0.1388
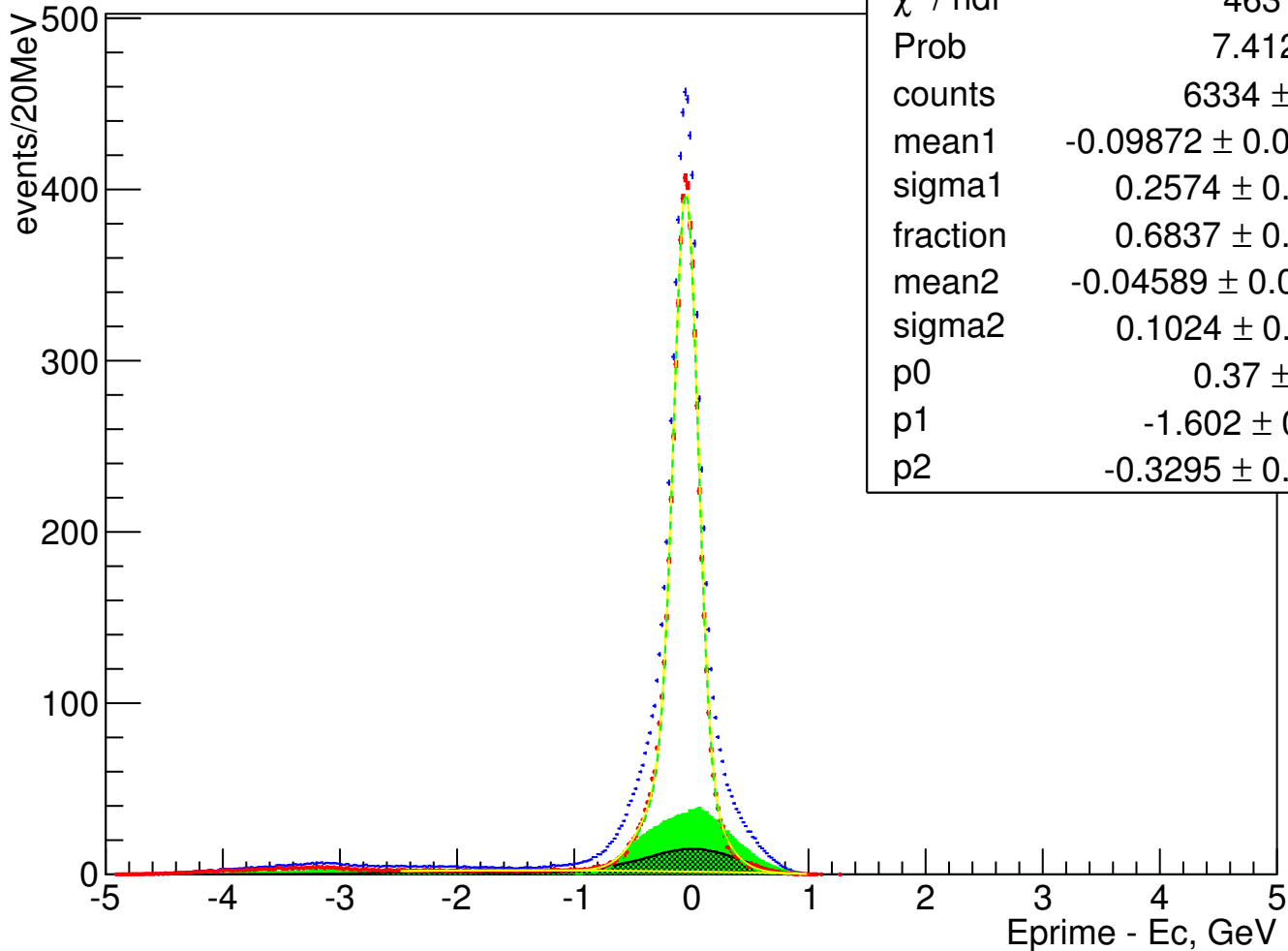
Eprime-Ec run 65052 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	444.5 / 166
Prob	2.724e-27
counts	6329 ± 85.7
mean1	-0.09756 ± 0.00816
sigma1	0.2578 ± 0.0124
fraction	0.6832 ± 0.0277
mean2	-0.04641 ± 0.00230
sigma2	0.1027 ± 0.0030
p0	0.398 ± 0.294
p1	-1.494 ± 0.472
p2	-0.2907 ± 0.1468
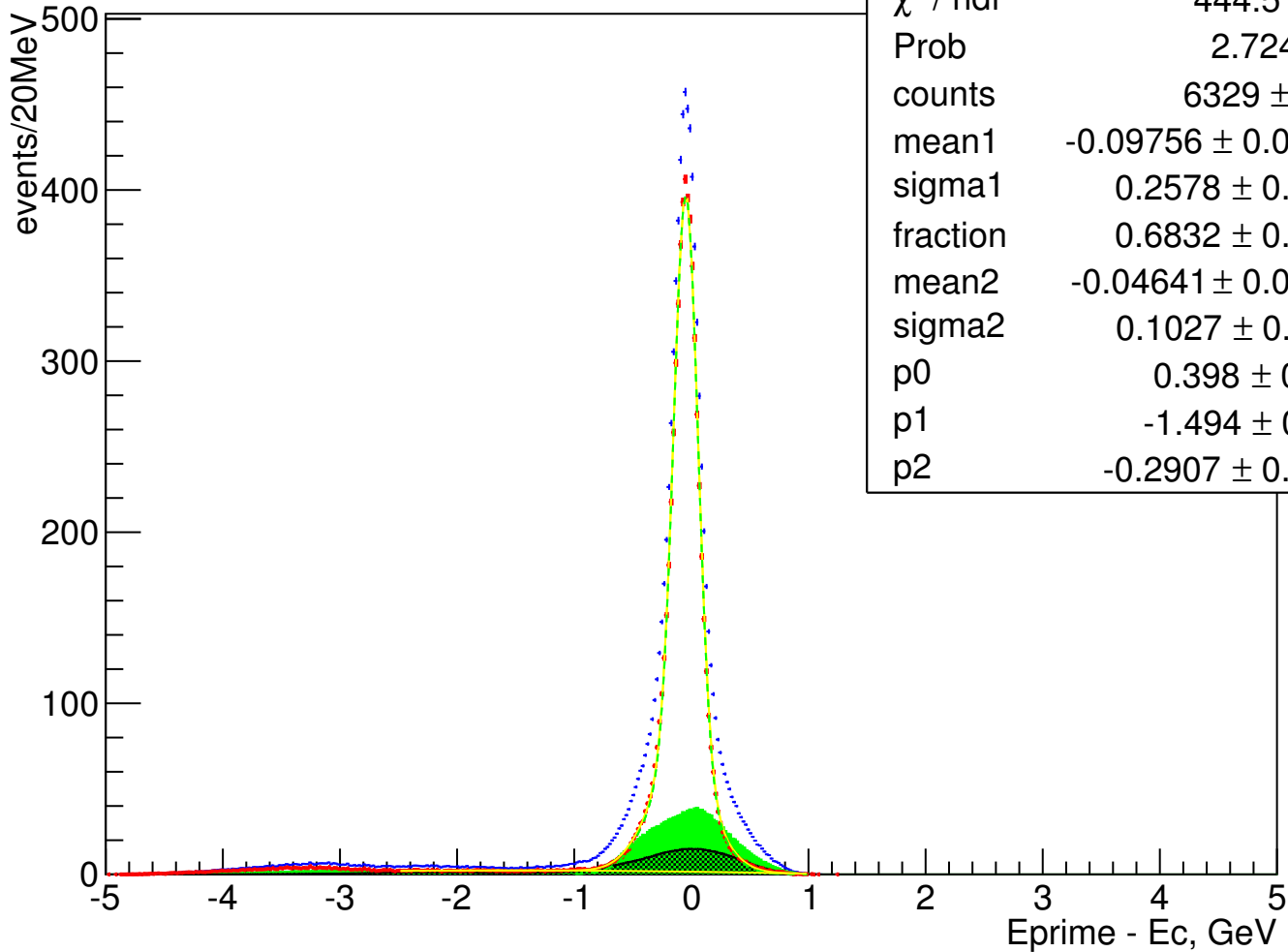
Eprime-Ec run 65053 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	372.7 / 166
Prob	6.359e-18
counts	6366 ± 84.9
mean1	-0.09503 ± 0.00783
sigma1	0.2555 ± 0.0121
fraction	0.6787 ± 0.0275
mean2	-0.04597 ± 0.00227
sigma2	0.1022 ± 0.0030
p0	0.3075 ± 0.2752
p1	-1.622 ± 0.474
p2	-0.3315 ± 0.1463

events/20MeV
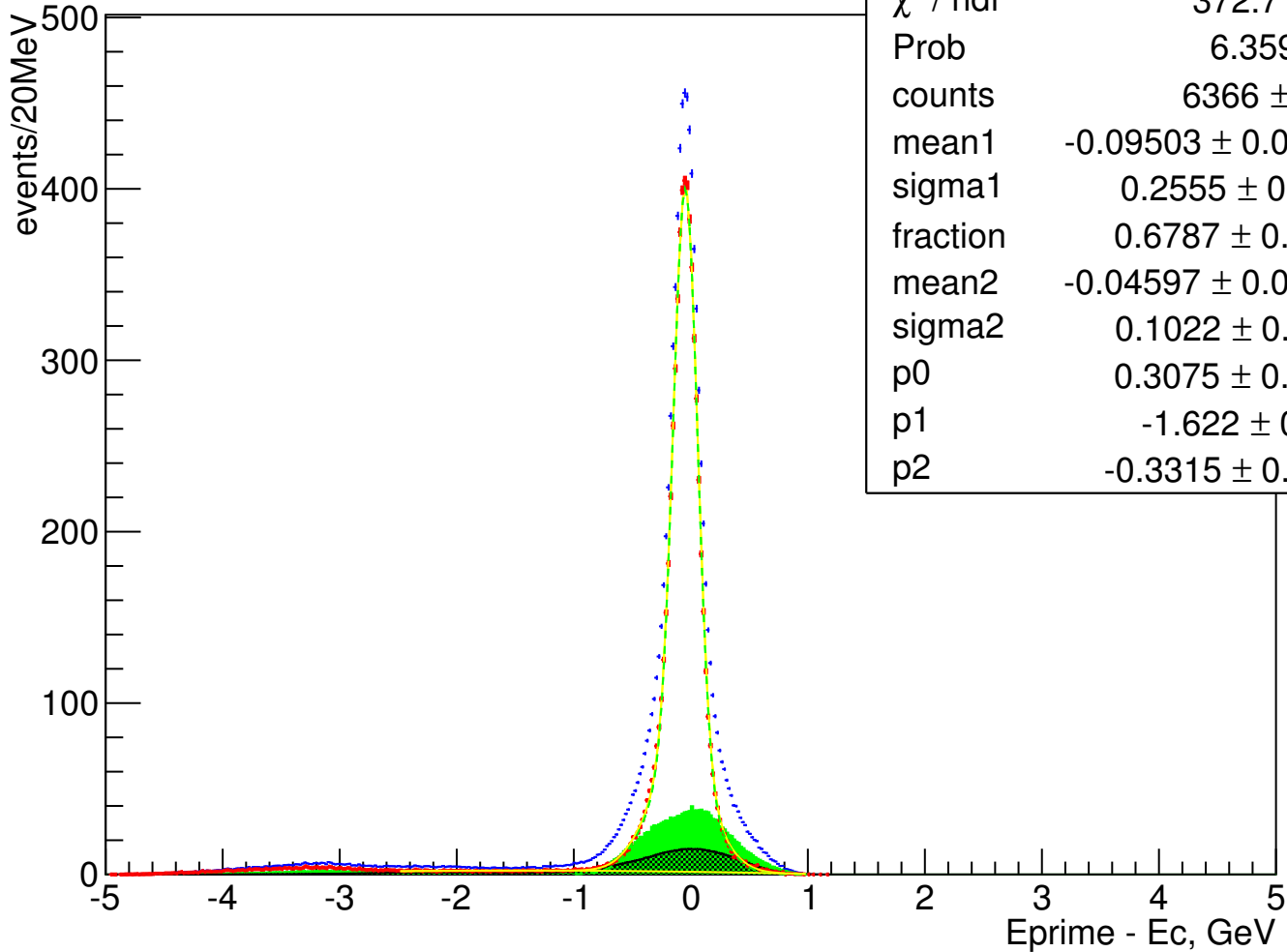
Eprime - Ec, GeV

Eprime-Ec run 65055 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	243.5 / 166
Prob	8.388e-05
counts	6225 ± 83.1
mean1	-0.09243 ± 0.00869
sigma1	0.2637 ± 0.0121
fraction	0.6901 ± 0.0253
mean2	-0.03194 ± 0.00231
sigma2	0.103 ± 0.003
p0	0.3218 ± 0.2859
p1	-1.552 ± 0.474
p2	-0.3065 ± 0.1468
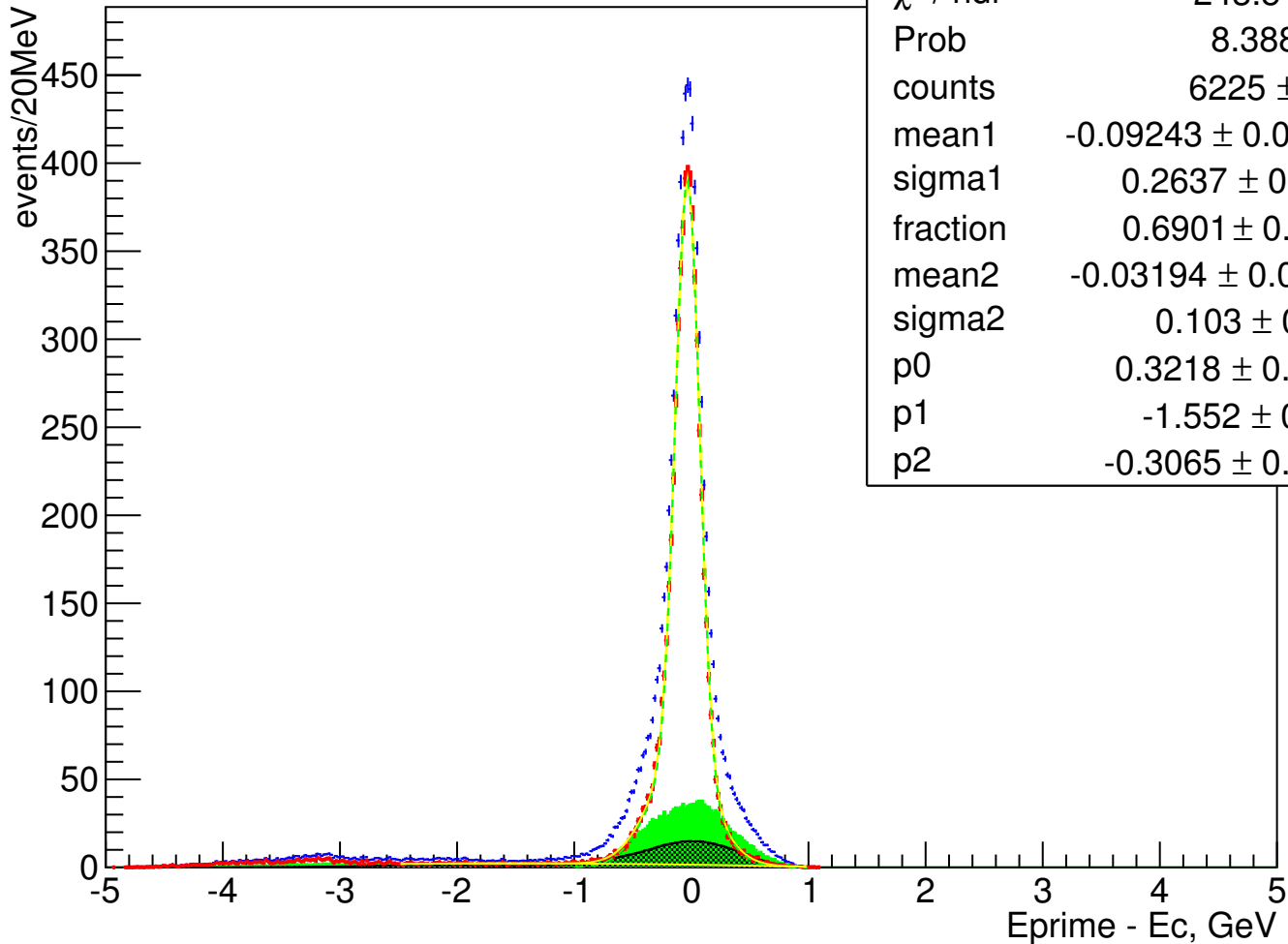
Eprime-Ec run 65059 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	428.5 / 166
Prob	4.093e-25
counts	6225 ± 83.3
mean1	-0.09042 ± 0.00849
sigma1	0.2579 ± 0.0126
fraction	0.6898 ± 0.0277
mean2	-0.03743 ± 0.00232
sigma2	0.1035 ± 0.0030
p0	0.3537 ± 0.2916
p1	-1.573 ± 0.474
p2	-0.3118 ± 0.1471

events/20MeV
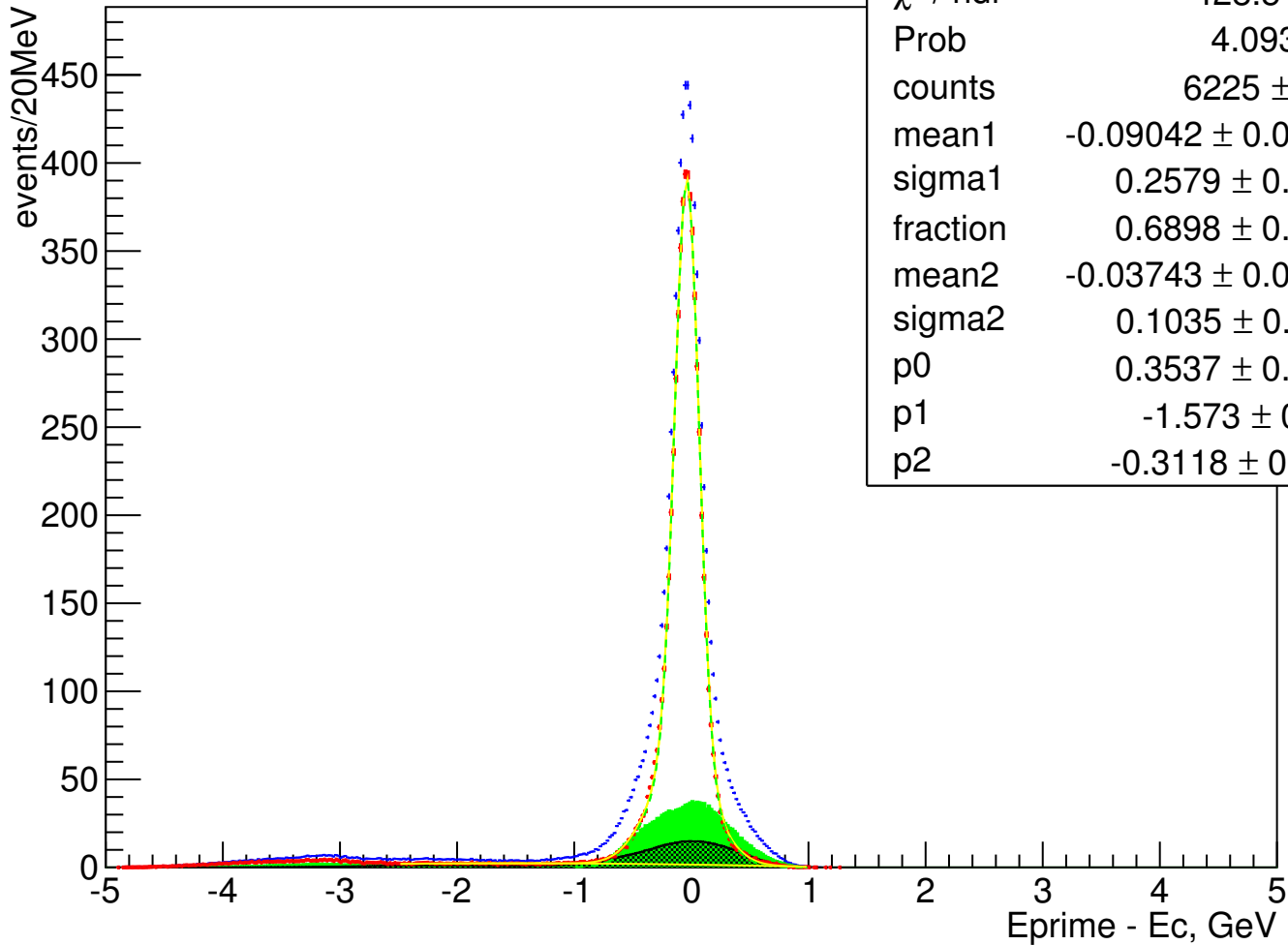
Eprime - Ec, GeV

Eprime-Ec run 65096 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ² / ndf	421.9 / 166
Prob	3.152e-24
counts	6329 ± 83.7
mean1	-0.09499 ± 0.00797
sigma1	0.2536 ± 0.0121
fraction	0.6809 ± 0.0281
mean2	-0.04724 ± 0.00228
sigma2	0.1016 ± 0.0030
p0	0.3966 ± 0.2981
p1	-1.535 ± 0.481
p2	-0.3035 ± 0.1479
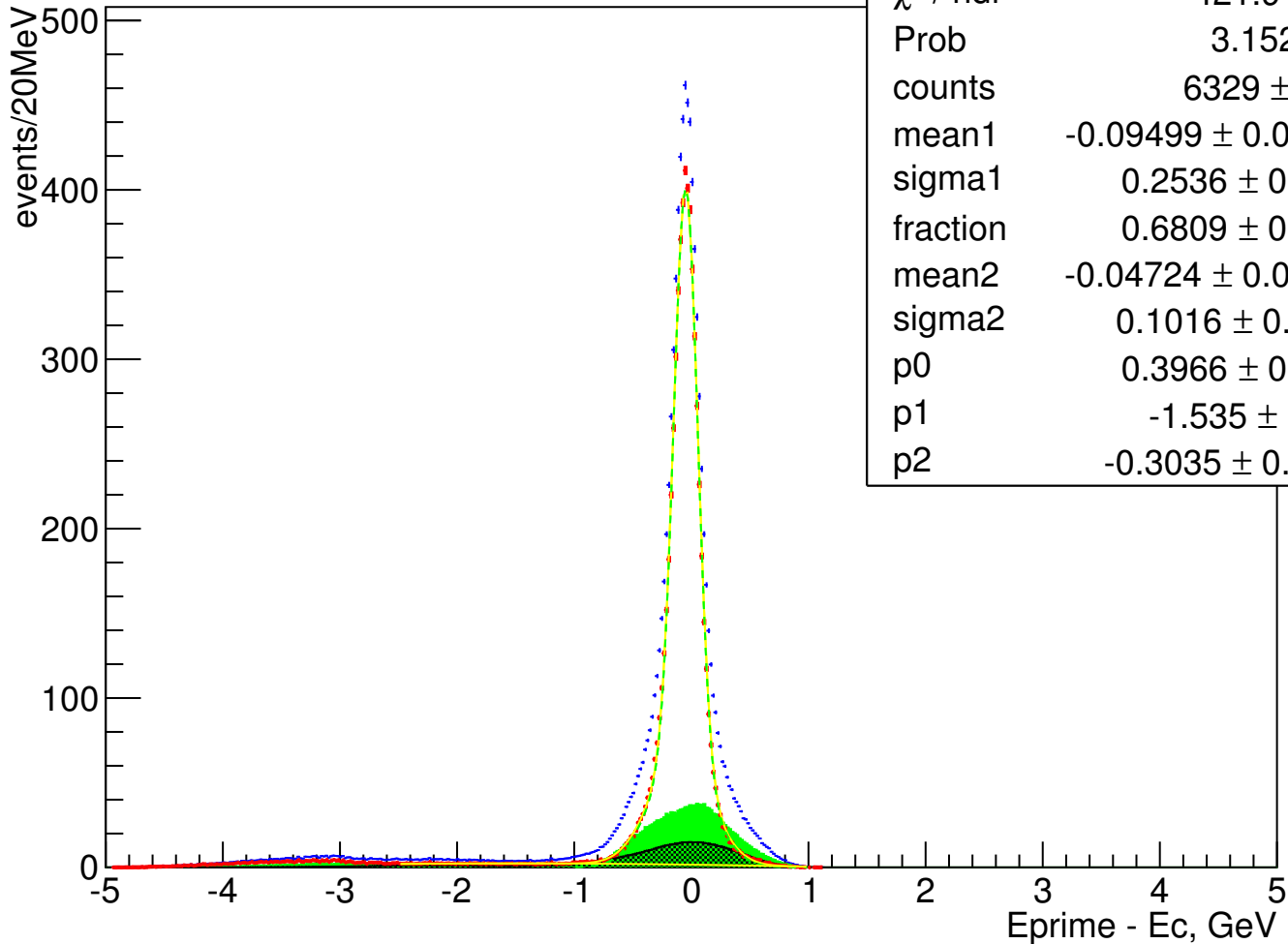
Eprime-Ec run 65097 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	305.9 / 166
Prob	2.274e-10
counts	6203 ± 82.2
mean1	-0.08892 ± 0.00847
sigma1	0.2603 ± 0.0127
fraction	0.6971 ± 0.0280
mean2	-0.03797 ± 0.00228
sigma2	0.1046 ± 0.0030
p0	0.2745 ± 0.2616
p1	-1.507 ± 0.440
p2	-0.2887 ± 0.1409
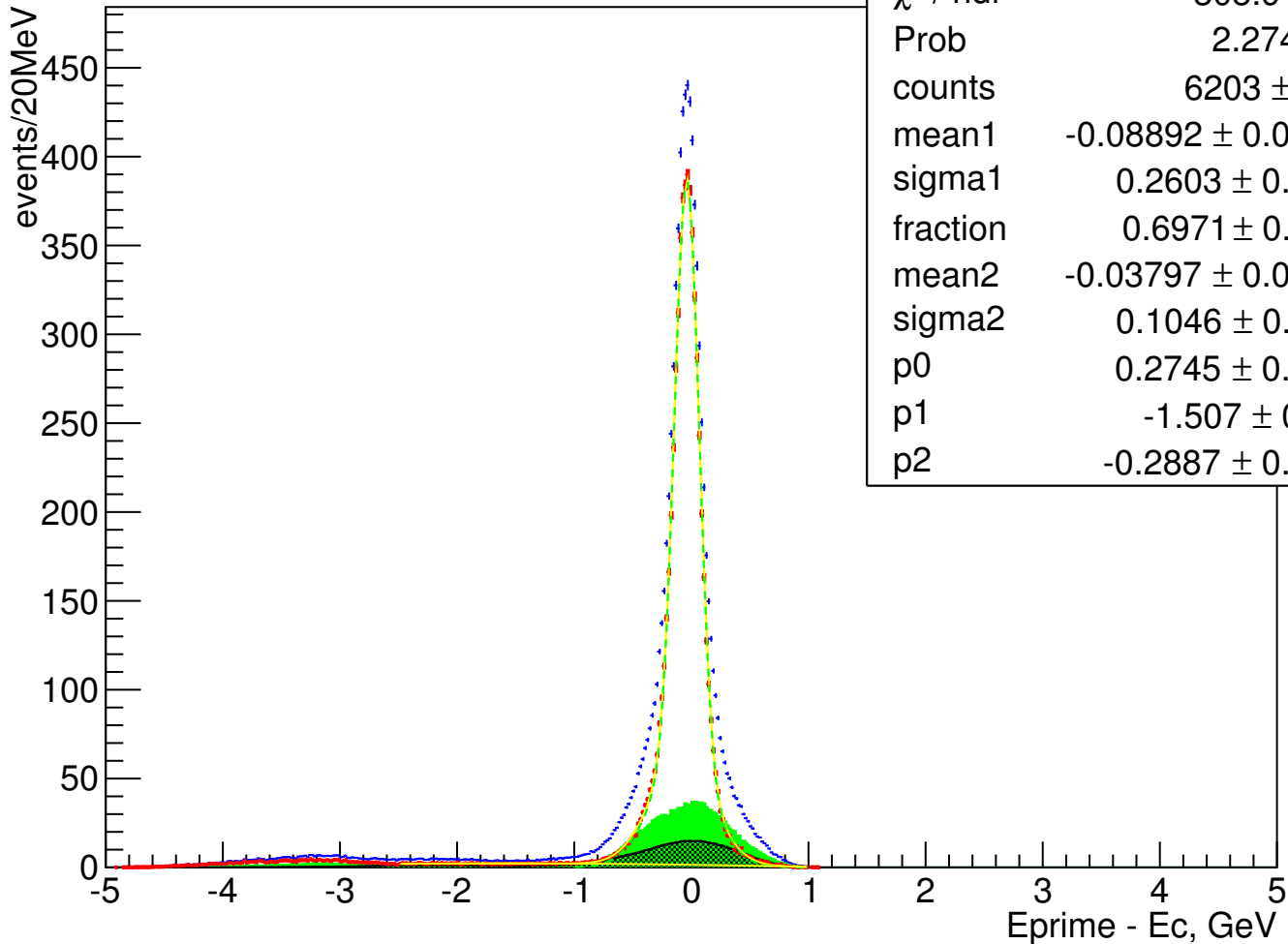
Eprime-Ec run 65107 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	371.9 / 166
Prob	8.122e-18
counts	6406 ± 83.8
mean1	-0.1051 ± 0.0081
sigma1	0.2617 ± 0.0123
fraction	0.6876 ± 0.0281
mean2	-0.05427 ± 0.00227
sigma2	0.104 ± 0.003
p0	0.3433 ± 0.2911
p1	-1.548 ± 0.461
p2	-0.3094 ± 0.1423
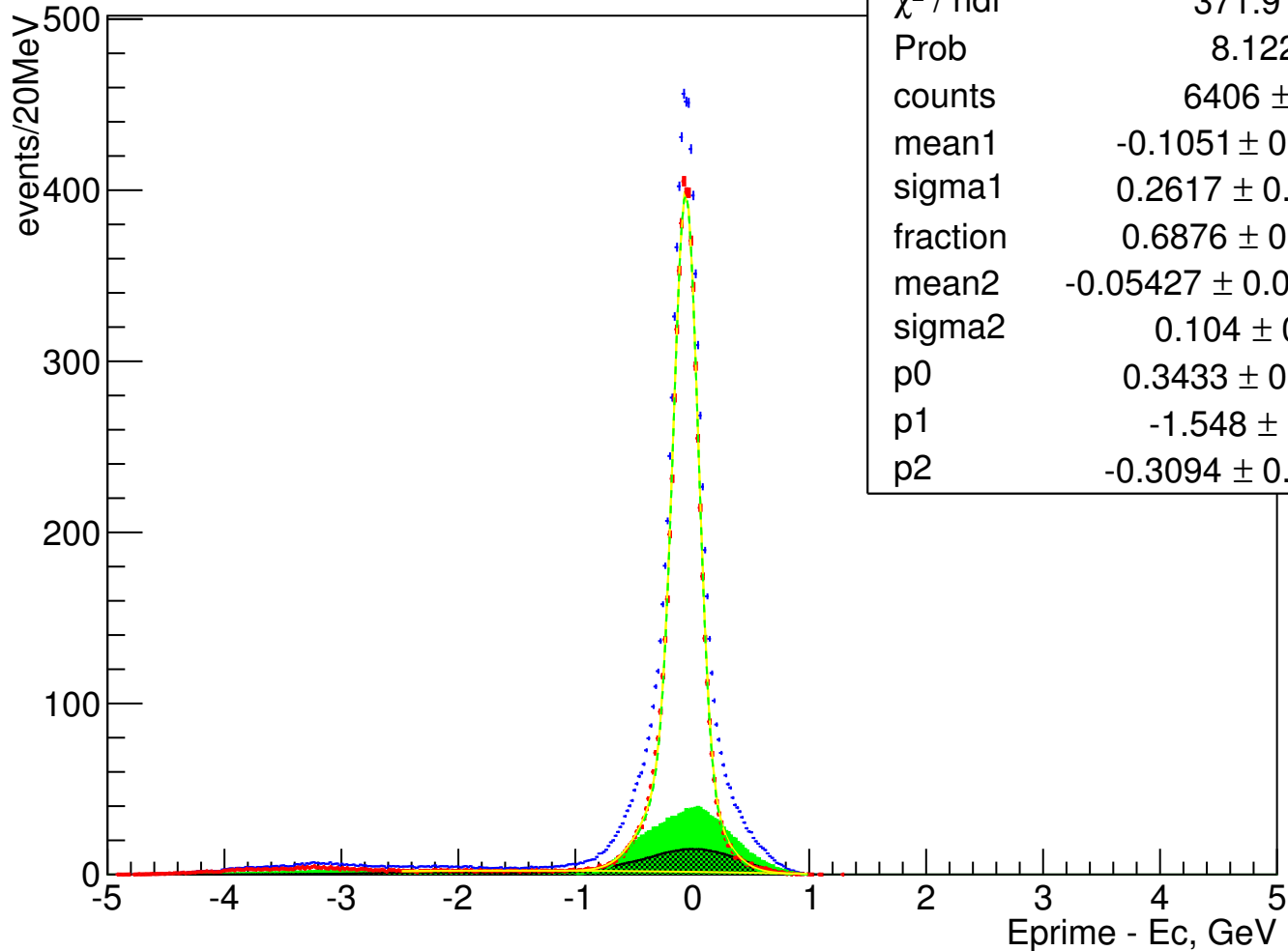
Eprime-Ec run 65108 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	417.2 / 166
Prob	1.337e-23
counts	6346 ± 85.0
mean1	-0.09892 ± 0.00816
sigma1	0.2577 ± 0.0125
fraction	0.6843 ± 0.0274
mean2	-0.04899 ± 0.00230
sigma2	0.1028 ± 0.0030
p0	0.4057 ± 0.3153
p1	-1.538 ± 0.494
p2	-0.3113 ± 0.1515
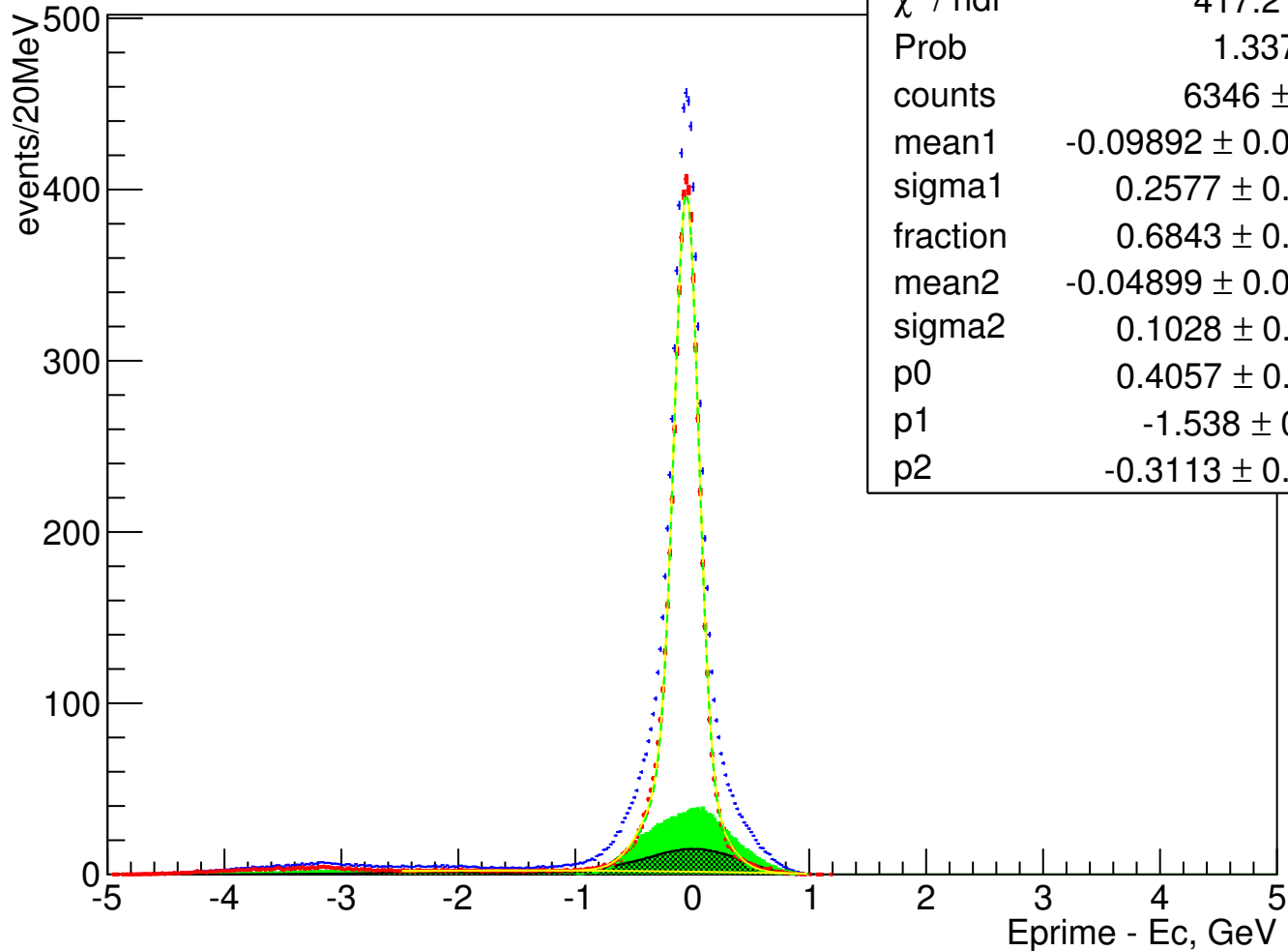
Eprime-Ec run 65109 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	429.3 / 166
Prob	3.266e-25
counts	6241 ± 82.1
mean1	-0.09061 ± 0.00826
sigma1	0.2575 ± 0.0123
fraction	0.6833 ± 0.0273
mean2	-0.03805 ± 0.00233
sigma2	0.1029 ± 0.0030
p0	0.3495 ± 0.2964
p1	-1.671 ± 0.472
p2	-0.3494 ± 0.1453
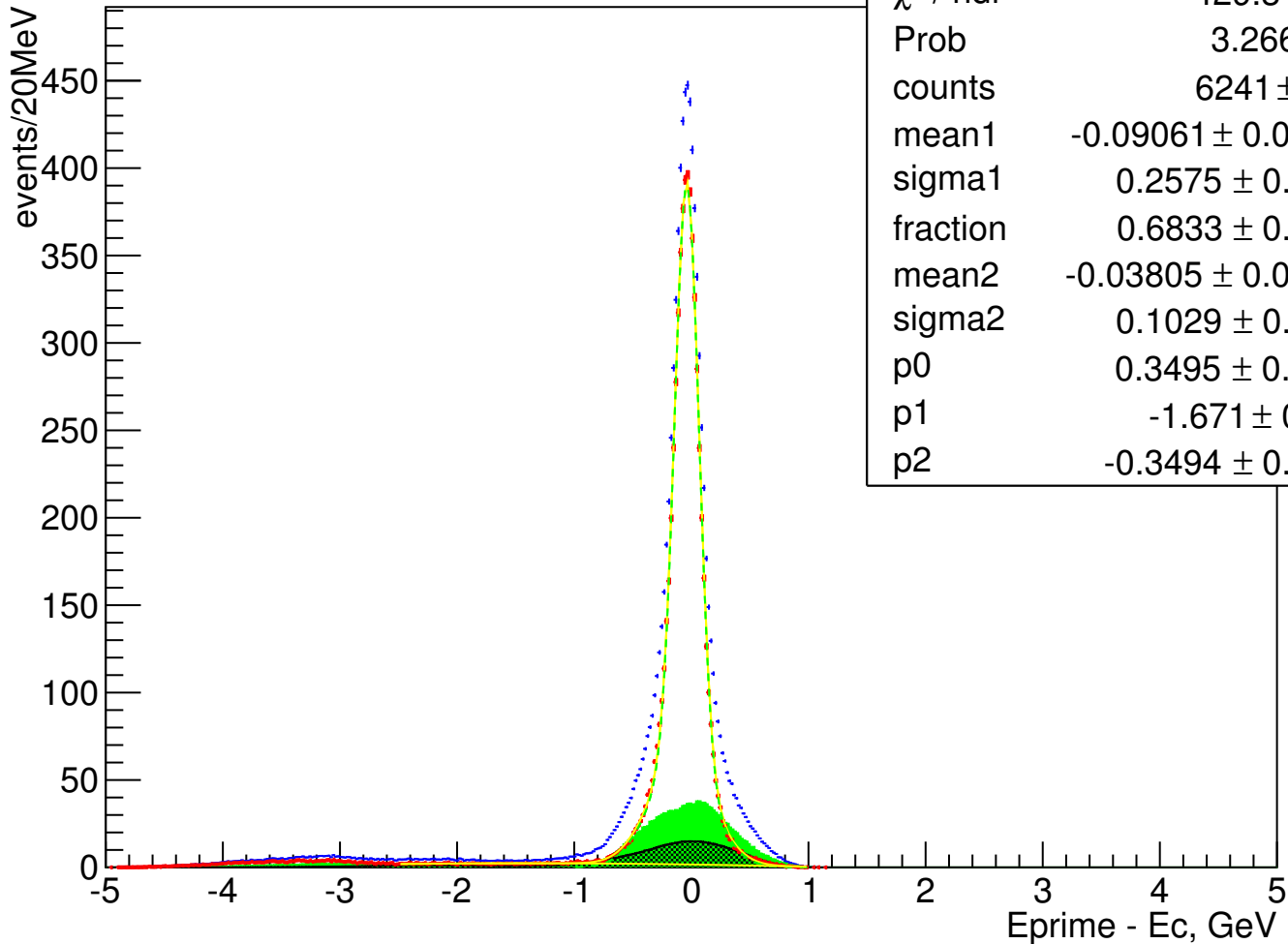
Eprime-Ec run 65110 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	368.6 / 166
Prob	2.047e-17
counts	6347 ± 84.7
mean1	-0.09955 ± 0.00816
sigma1	0.2573 ± 0.0123
fraction	0.6835 ± 0.0272
mean2	-0.04945 ± 0.00227
sigma2	0.1024 ± 0.0029
p0	0.3604 ± 0.2813
p1	-1.701 ± 0.469
p2	-0.3621 ± 0.1455
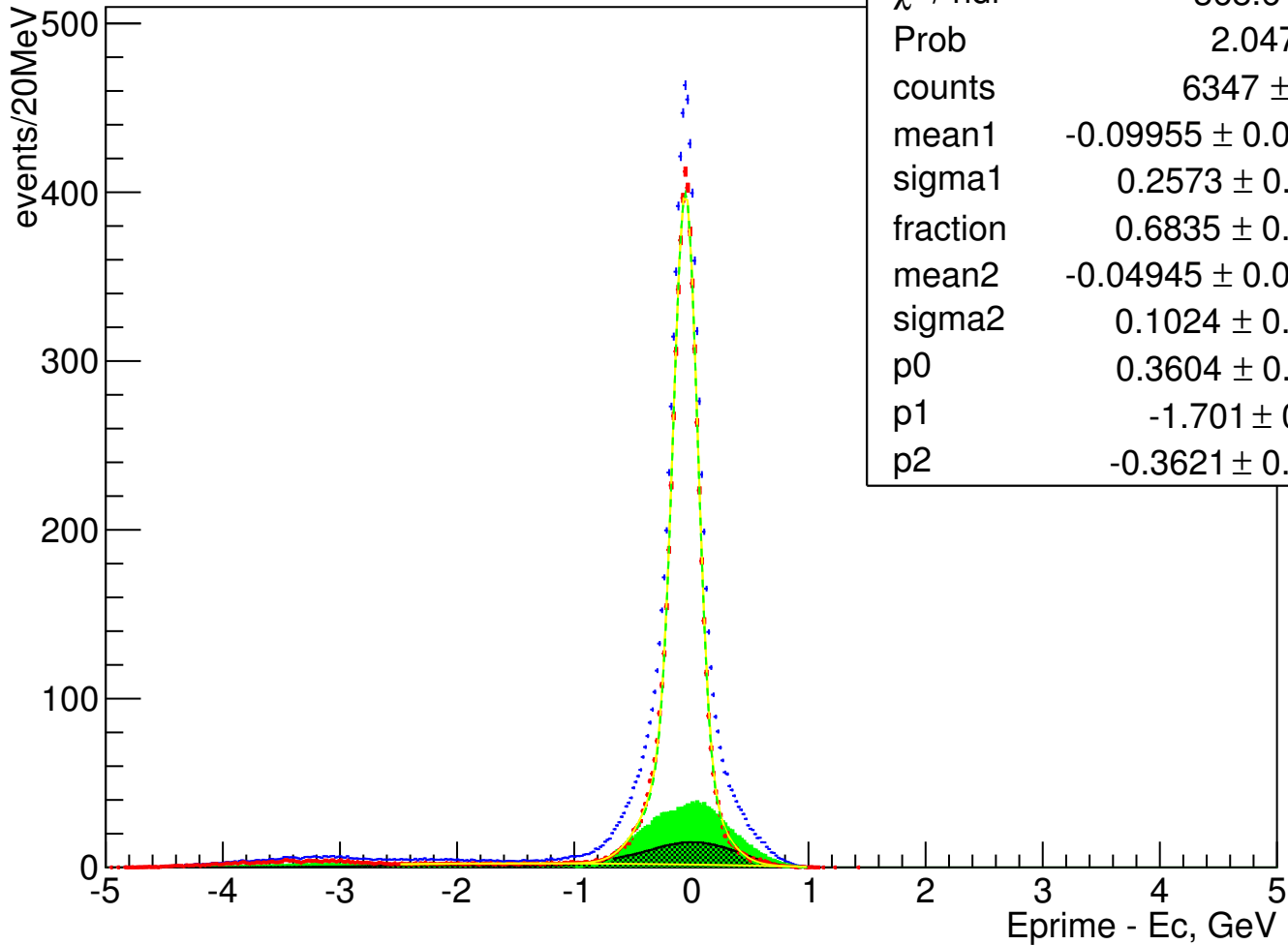
Eprime-Ec run 65111 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	461.3 / 166
Prob	1.257e-29
counts	6400 ± 85.1
mean1	-0.08818 ± 0.00789
sigma1	0.2573 ± 0.0124
fraction	0.68 ± 0.03
mean2	-0.04563 ± 0.00225
sigma2	0.1021 ± 0.0030
p0	0.3971 ± 0.3070
p1	-1.594 ± 0.476
p2	-0.3218 ± 0.1460
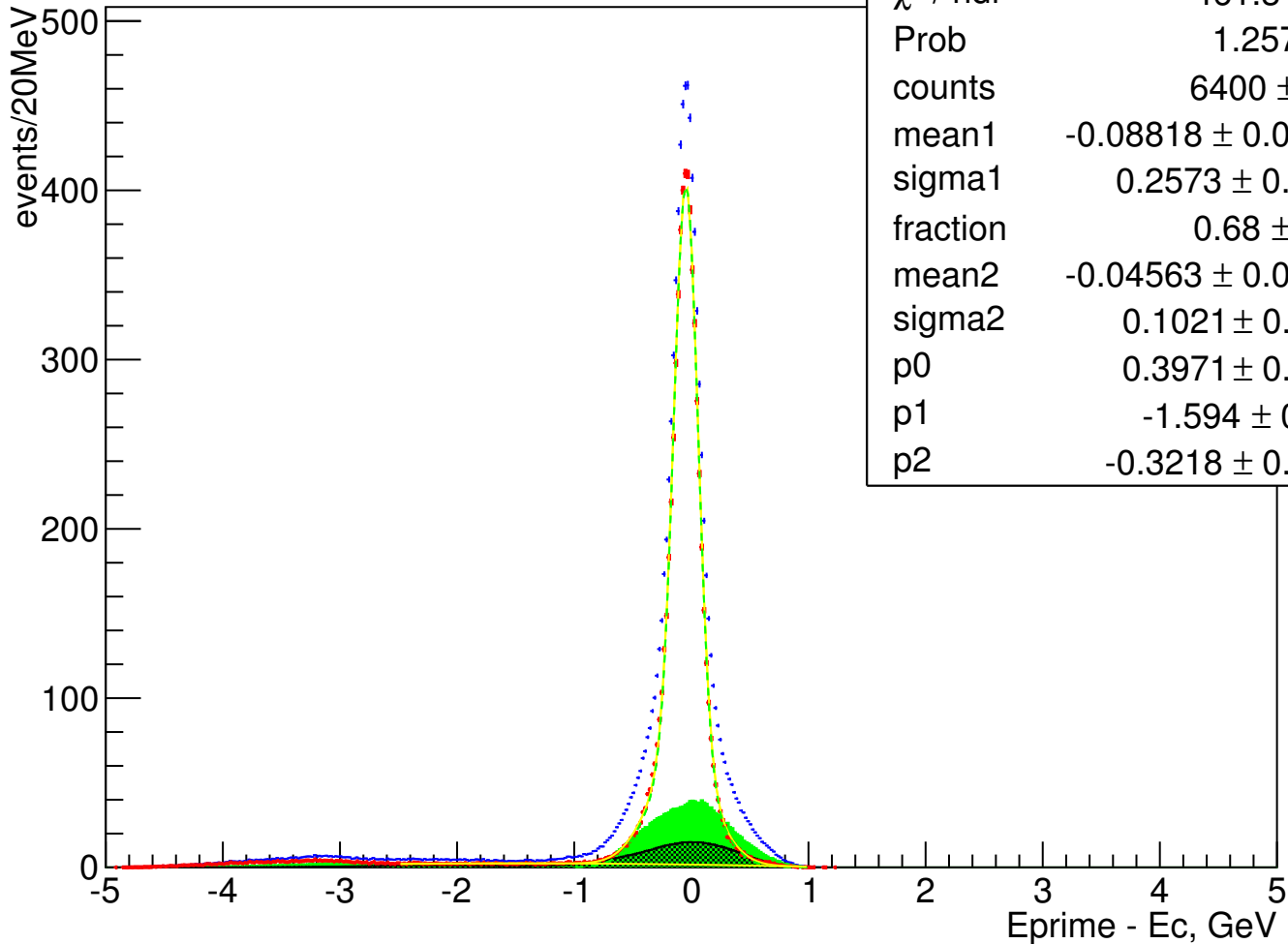
Eprime-Ec run 65112 Carbon Ec > 3.5 GeV tdiff: [-6,6]ns all T counters

χ^2 / ndf	256.1 / 166
Prob	8.765e-06
counts	6176 ± 84.7
mean1	-0.08743 ± 0.00830
sigma1	0.2536 ± 0.0117
fraction	0.6818 ± 0.0283
mean2	-0.03447 ± 0.00235
sigma2	0.1026 ± 0.0030
p0	0.3778 ± 0.2860
p1	-1.714 ± 0.470
p2	-0.3752 ± 0.1433

events/20MeV

Eprime - Ec, GeV