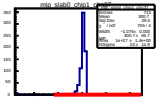
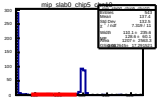
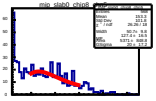
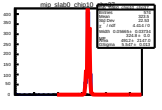
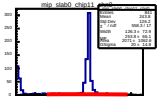
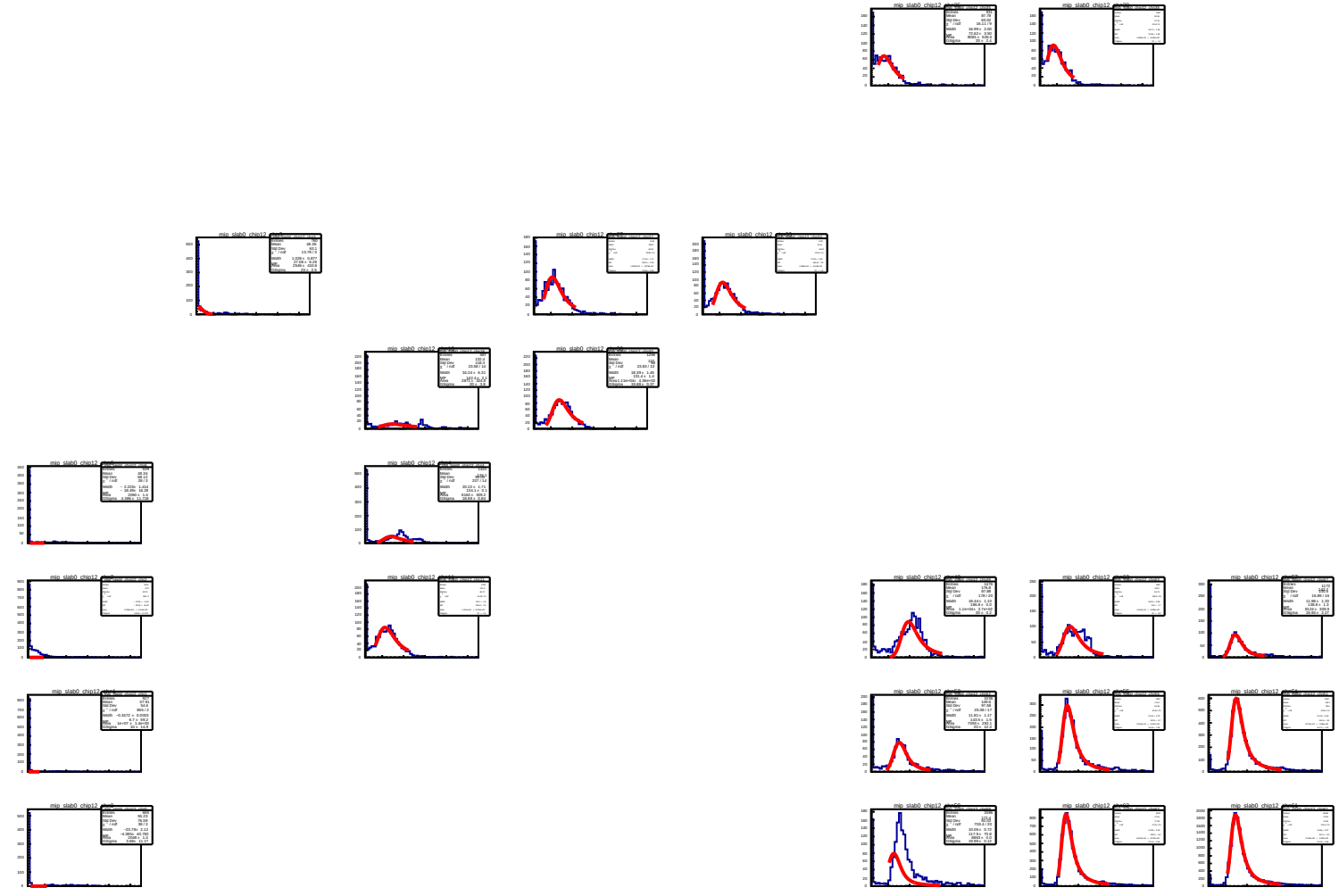

mip_slab0_chip1_ch10
Entries 1000
Mean 0.1270e-03
RMS 0.1000e-03
Underflow 0
Overflow 0
Integral 1000.0 ± 68.37
Mean 64.7000 ± 0.0000
RMS 27.5 ± 11.18
350
300
250
200
150
100
50
0

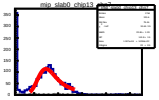
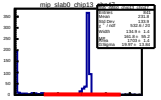
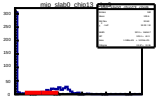
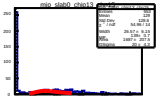
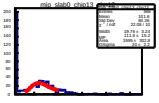
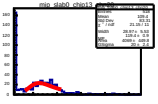
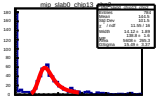
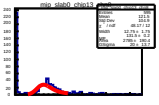
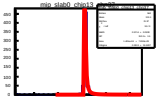
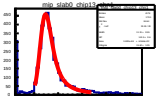
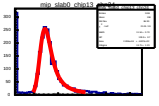
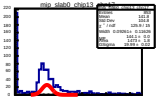
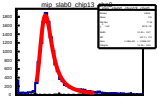
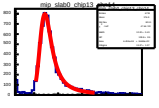
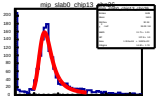

msp_slab0_chip5_ch40
Entries 1024
Mean 117.4
Std Dev 7.337
χ² / ndf 7.337 / 11
Prob
Constant 110.1 ± 220.8
Mean 117.4 ± 0.2
Sigma 2.277 ± 0.023
Constant fixed at 110.1 ± 220.8
350
250
200
150
100
50
0

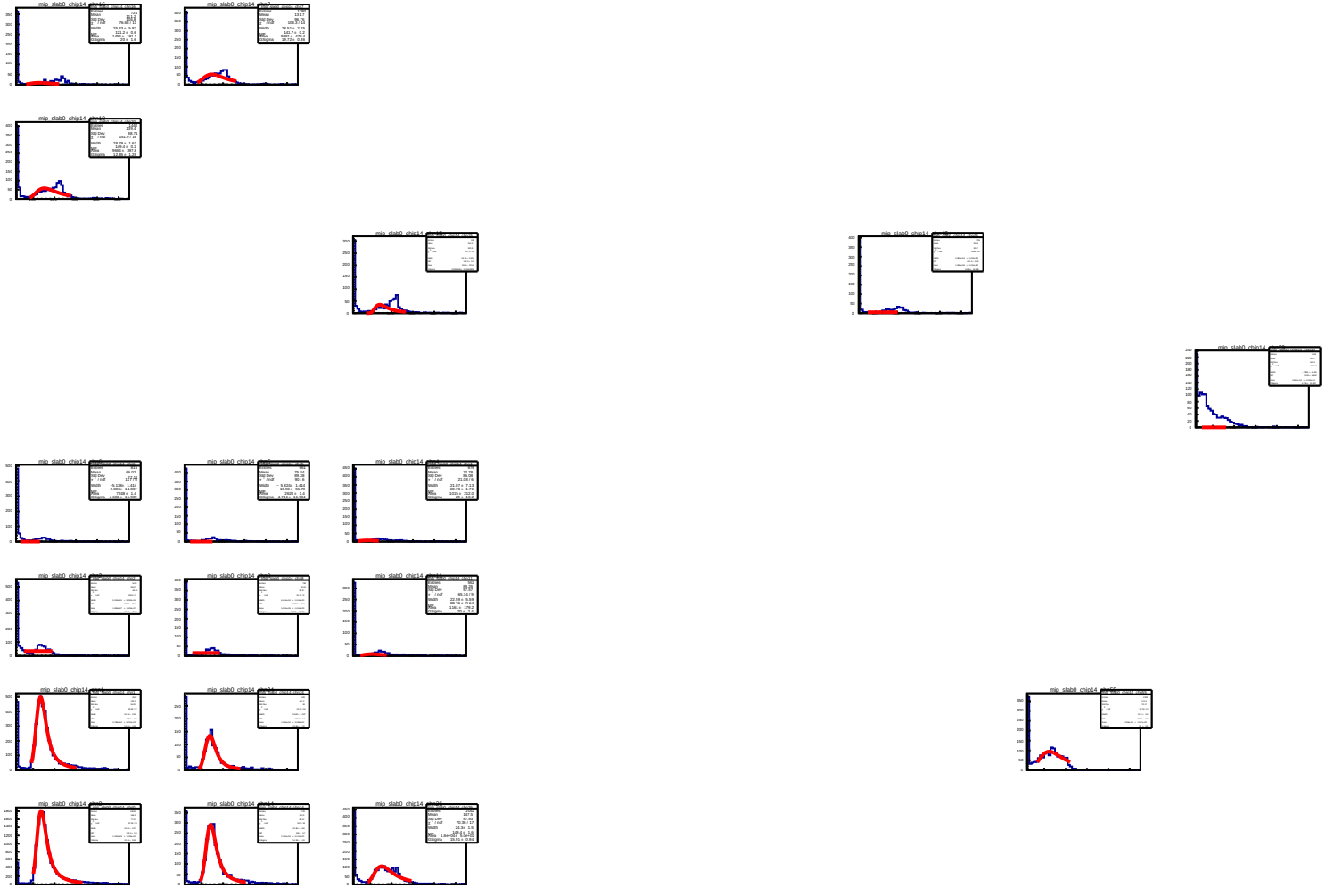

mip_slab0_chip8_
Mean 1514
Std Dev 1014
χ² / ndf 26.26 / 18
Width 1812.4 ± 0.5
Area 1.2e+06 ± 0.0
MPV 5371.5 ± 0.0
Sigma 47.4 ± 0.0
60
55
50
45
40
35
30
25
20
15
10
5
0

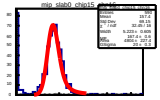

mip_slab0_chip10_ch13
Entries 1024
Mean 324.5
Std Dev 20.15
χ² / ndf 6.404 / 9
Prob 0.7000
Const 0.3948 ± 0.0373
Mean 324.8 ± 0.0
Sigma 0.8127 ± 0.0127
NDF 2
Chi2/ndf 0.5127 ± 0.0127
400
350
300
250
200
150
100
50
0

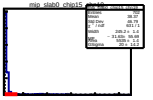

msp_slab0_chip11_adc0
Entries 1024
Mean 33.12
Std Dev 33.12
χ / ndf 588.17 / 17
Const 126.3 ± 72.9
Mean 0.0 ± 0.0
Sigma 27.1 ± 0.0
Integral 25.1 ± 1.4
350
250
200
150
100
50
0

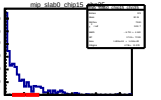





mip slab0 chip15
Entries 1017
Mean 19.12
Std Dev 88.16
χ² / ndf 32.30 / 16
Width 5.333 ± 0.609
Sigma 24.77 ± 2.3
MPV 4884.4 ± 107.0
Integral 24.77 ± 2.3


mip slab0 chip15
Entries 1017
Mean 26.37
Std Dev 38.79
χ² / ndf 2011 / 1
Width 205.00 ± 0.4
Sigma -1.0 ± 0.0
MPV 5009 ± 1.4
Integral 20 ± 1.3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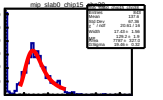
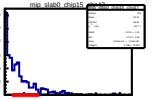
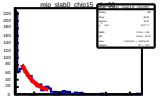
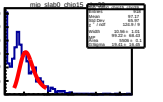
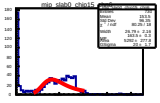
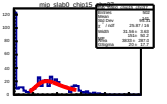

mip slab0 chip15
Entries 1017
Mean 67.56
Std Dev 20.61 / 16
Width 37.63 ± 1.96
Sigma 24.77 ± 2.3
MPV 4884 ± 107.0
Integral 24.40 ± 2.3

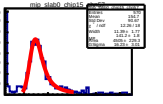

mip slab0 chip15
Entries 1017
Mean 1.0
Std Dev 1.0
χ² / ndf 1.0 / 1
Width 1.0 ± 0.0
Sigma 1.0 ± 0.0
MPV 1.0 ± 0.0
Integral 1.0 ± 0.0

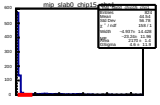

mip slab0 chip15

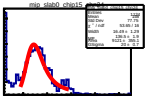

mip slab0 chip15
Entries 1017
Mean 97.17
Std Dev 19.57
χ² / ndf 310.3 / 1
Width 10.00 ± 0.01
Sigma 89.20 ± 44.13
MPV 2009 ± 0.5
Integral 12.00 ± 0.0

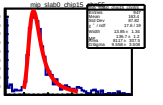

mip slab0 chip15
Entries 1017
Mean 19.14
Std Dev 39.55
χ² / ndf 80.25 / 19
Width 19.76 ± 2.9
Sigma 6.00 ± 0.0
MPV 5262 ± 27.0
Integral 20 ± 1.4

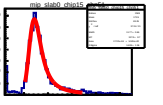

mip slab0 chip15
Entries 1017
Mean 1.0
Std Dev 1.0
χ² / ndf 25.87 / 19
Width 21.94 ± 3.0
Sigma 19.0 ± 50.2
MPV 2009 ± 0.0
Integral 20 ± 27.2

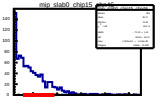

mip slab0 chip15
Entries 1017
Mean 19.12
Std Dev 19.57
χ² / ndf 12.36 / 16
Width 11.39 ± 1.7
MPV 141.4 ± 1.4
Integral 12.00 ± 0.0
Sigma 19.57 ± 19.6


mip slab0 chip15
Entries 1017
Mean 19.12
Std Dev 56.78
χ² / ndf 1.0 / 1
Width 19.57 ± 14.00
MPV -23.250 ± 11.90
Integral 2.7 ± 1.0
Sigma 2.7 ± 1.0


mip slab0 chip15
Entries 1017
Mean 1.0
Std Dev 77.75
χ² / ndf 1.0 / 1
Width 16.00 ± 1.19
MPV 139.9 ± 1.3
Integral 9.02 ± 0.0
Sigma 20.00 ± 1.0


mip slab0 chip15
Entries 1017
Mean 19.12
Std Dev 37.50
χ² / ndf 17.00 / 16
Width 13.00 ± 1.50
MPV 136.7 ± 1.2
Integral 13.00 ± 0.0
Sigma 19.00 ± 0.0


mip slab0 chip15
Entries 1017
Mean 1.0
Std Dev 1.0
χ² / ndf 1.0 / 1
Width 1.0 ± 0.0
Sigma 1.0 ± 0.0
MPV 1.0 ± 0.0
Integral 1.0 ± 0.0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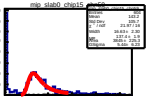
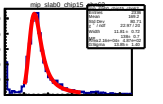
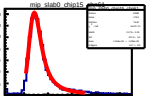
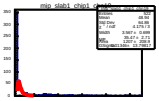
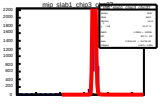

mip slab0 chip15
Entries 1017
Mean 1.0
Std Dev 1.0
χ² / ndf 21.97 / 14
Width 16.03 ± 2.30
Sigma 9.00 ± 0.0
MPV 3620 ± 28.5
Integral 9.00 ± 0.0

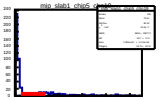

mip slab0 chip15
Entries 1017
Mean 380.21
Std Dev 22.97 / 22
Width 11.81 ± 0.72
MPV 1.04e+06 ± 1.07e+02
Integral 13.00 ± 0.0

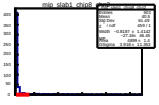

mip slab0 chip15
Entries 1017
Mean 1.0
Std Dev 1.0
χ² / ndf 1.0 / 1
Width 1.0 ± 0.0
Sigma 1.0 ± 0.0
MPV 1.0 ± 0.0
Integral 1.0 ± 0.0


msp_slab1_chip1_chan0
Entries 1000
Mean 24.32
Std Dev 162.89
χ² / ndf 6.77e / 0
Constant 3.567 ± 0.606
Mean -0.0000 ± 0.0000
Sigma 1.0147 ± 0.0000
Prob(χ²,ndf=1,N0= 0) = 0.0000
350
300
250
200
150
100
50
0

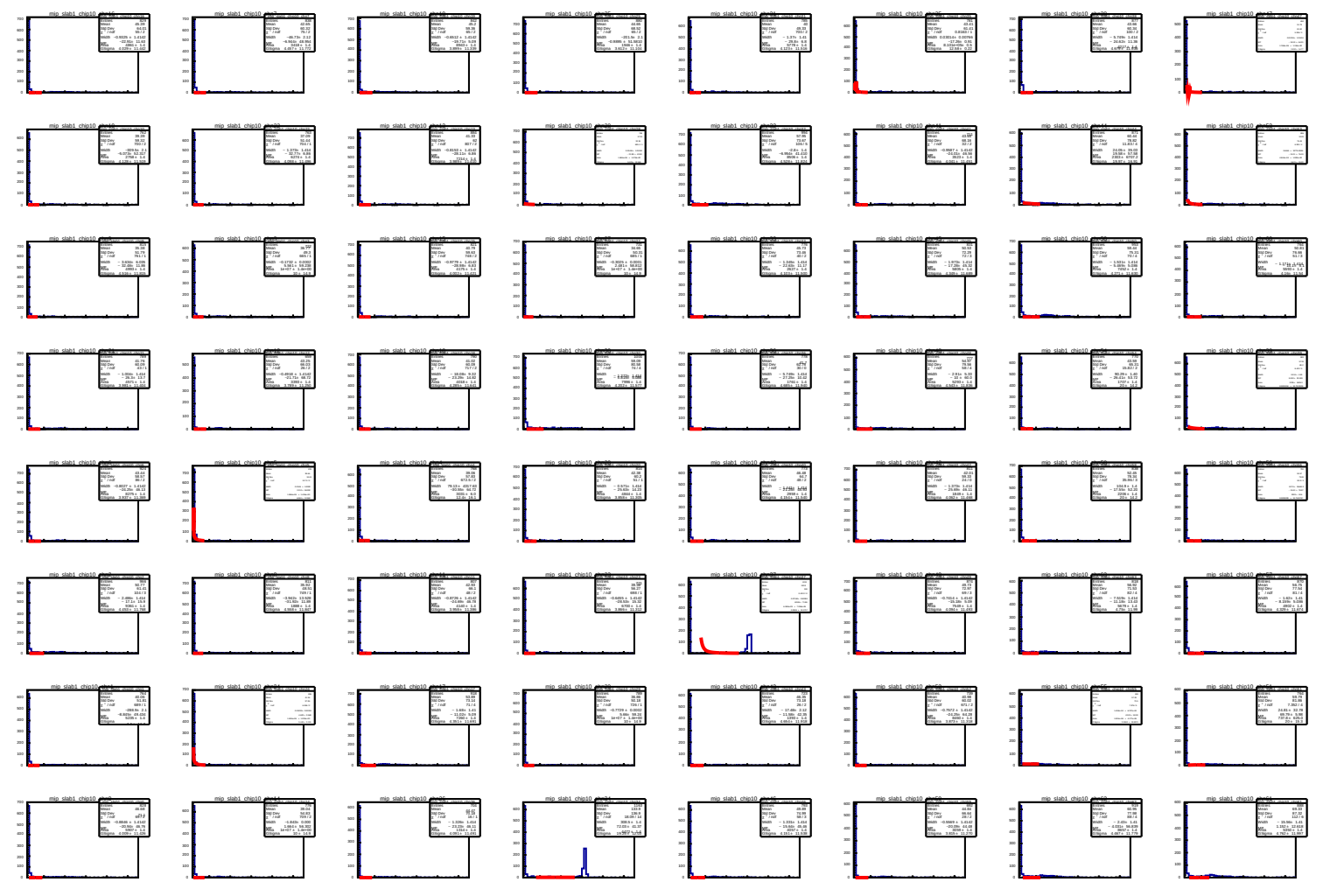

mip_slab1_chip3_ch13
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
0
Statistics panel
Entries 2000
Mean 1.000
RMS 0.0
Underflow 0
Overflow 0
Integral 2000.
Skewness 0.0000 ± 0.0000
Kurtosis 0.0000 ± 0.0000
Constant 2000.0 ± 0.0
Mean 1.000 ± 0.000
Sigma 0.000 ± 0.000

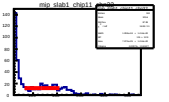
mip_slab1_chip4_cluster
Entries 1000
Mean 0.1117
Std Dev 0.2
Underflow 0
Overflow 0
Integral 1000
Skewness 2.5202
Kurtosis 10.103
MPV 0.0
Median 0.0
Prob 0.1118
500
400
300
200
100
0

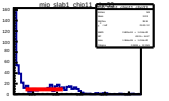

msp_slab1_chip5_chan6
Entries 1.1e+06
Mean 0.0
Std Dev 0.0
Underflow 0
Overflow 0
Integral 1.1e+06
Skewness 0.0
Kurtosis 0.0
Mean x 0.0
Std Dev x 0.0
Underflow x 0.0
Overflow x 0.0
Integral x 0.0
240
220
200
180
160
140
120
100
80
60
40
20
0

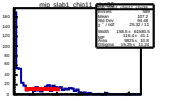

mip slab1 chip8 chn2
Entries 3214
Mean 0.0
Underflow 0.0
Overflow 0.0
Integral 3214.0
Skewness -0.0187 ± 0.0142
Kurtosis 17.384 ± 0.28
Mean -0.0000 ± 0.0000
Sigma 0.0183 ± 0.0000
400
350
300
250
200
150
100
50
0

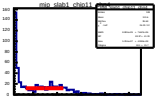
mip slab1 chip8 chn3
Entries 3214
Mean 61.99
Underflow 0.0
Overflow 22.01
Integral 3192.0
Skewness -2.2963± 1.0142
Kurtosis 4.0426± 0.0142
Mean 0.0000 ± 0.0000
Sigma 0.0000± 0.0000
350
300
250
200
150
100
50
0

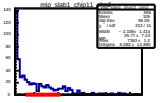

mip slab1 chip10

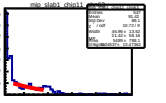

mip slab1 chip11 channel 0
Entries 256
Mean 0.4
RMS 1.4
Underflow 0 (0.0%)
Overflow 0 (0.0%)
Integral 256 (1.0)
Peak 2.20± 1.14
MPV 16.77± 7.23
Sigma 4.00± 0.50
Chi2/ndf 4.00/2 (2.00)

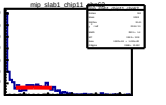

mip slab1 chip11 channel 1
Entries 256
Mean 0.4
RMS 1.4
Underflow 0 (0.0%)
Overflow 0 (0.0%)
Integral 256 (1.0)
Peak 2.20± 1.14
MPV 16.77± 7.23
Sigma 4.00± 0.50
Chi2/ndf 4.00/2 (2.00)

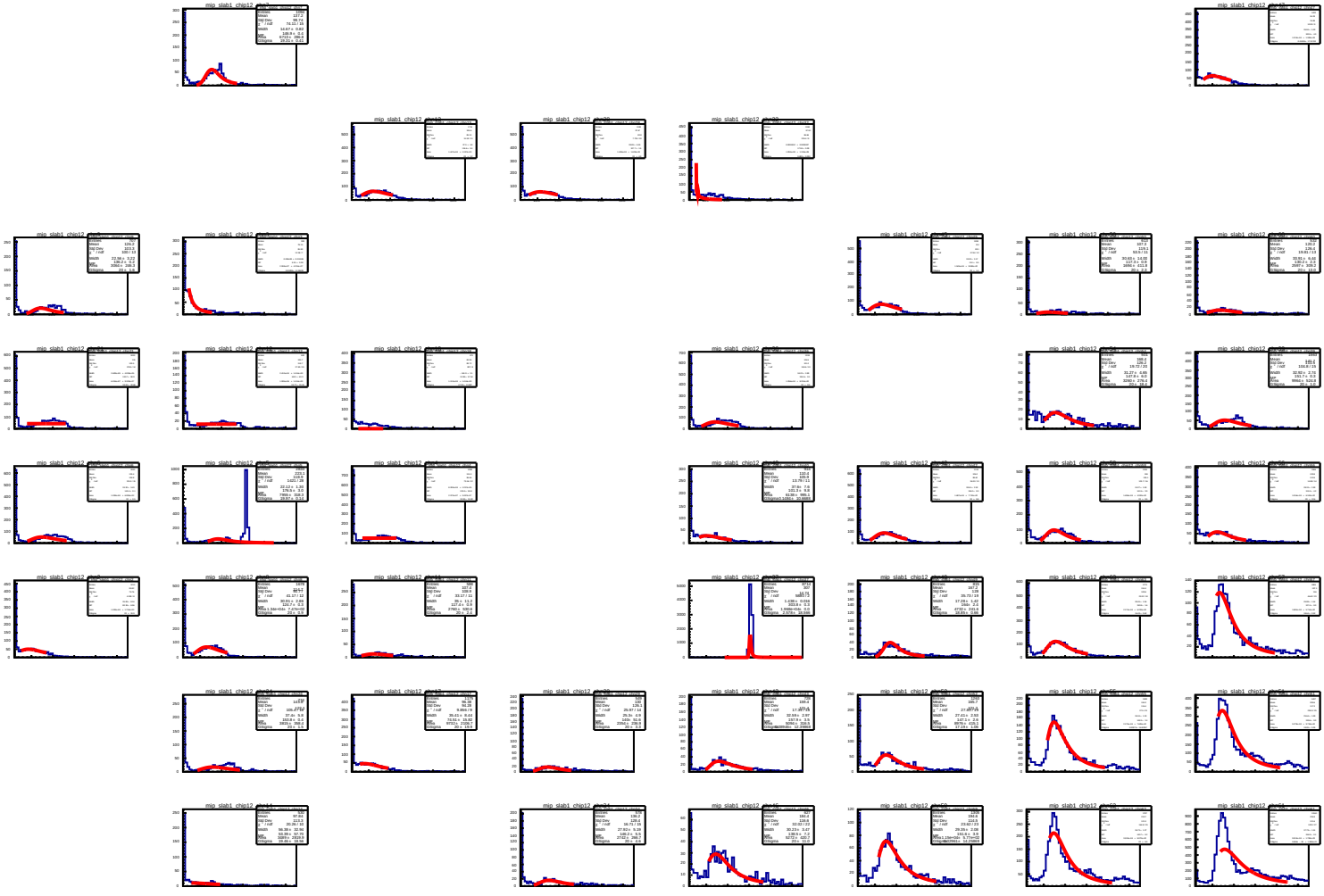

mip slab1 chip11 channel 2
Entries 256
Mean 0.4
RMS 1.4
Underflow 0 (0.0%)
Overflow 0 (0.0%)
Integral 256 (1.0)
Peak 2.20± 1.14
MPV 16.77± 7.23
Sigma 4.00± 0.50
Chi2/ndf 4.00/2 (2.00)

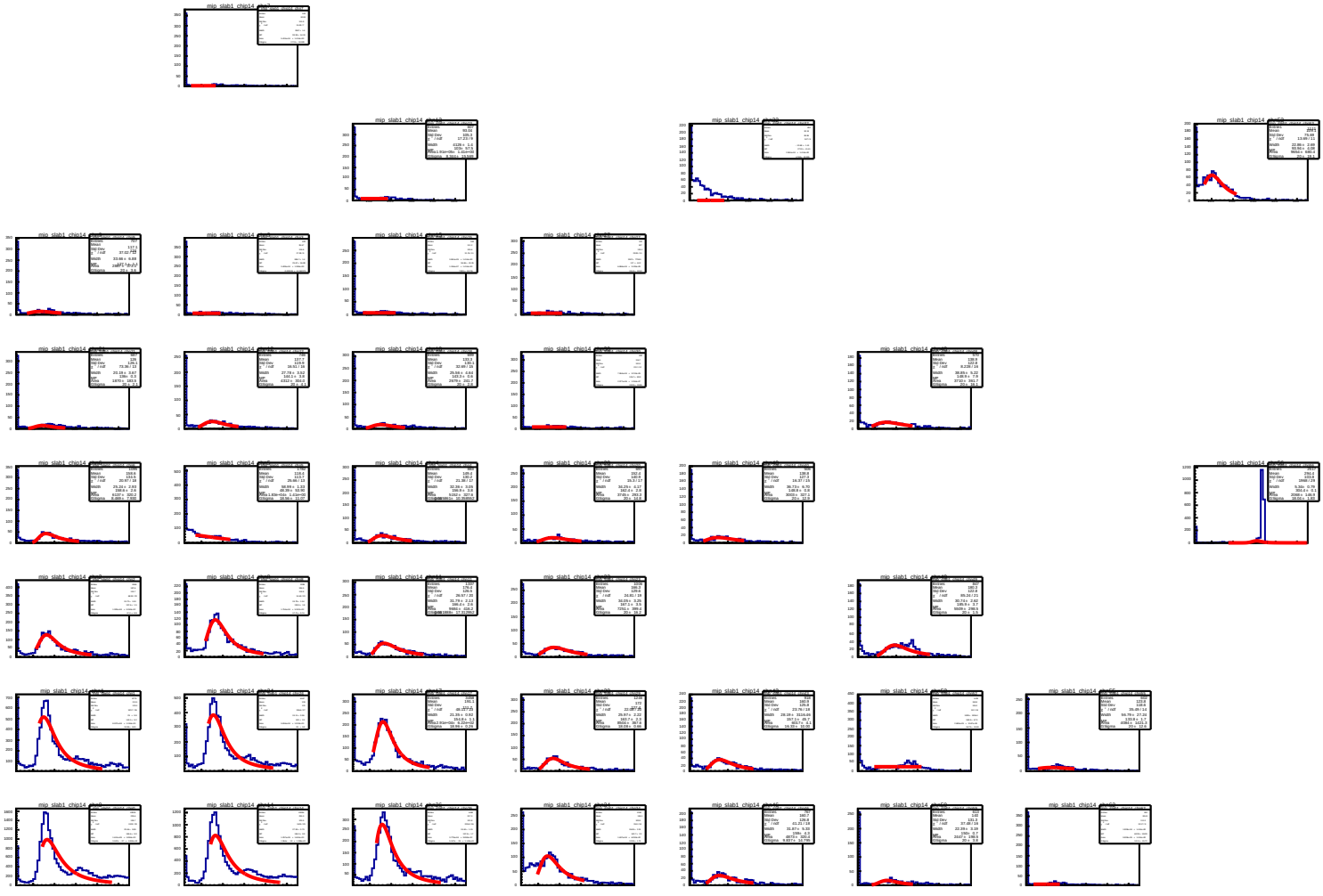

mip slab1 chip11 channel 3
Entries 256
Mean 0.4
RMS 1.4
Underflow 0 (0.0%)
Overflow 0 (0.0%)
Integral 256 (1.0)
Peak 2.20± 1.14
MPV 16.77± 7.23
Sigma 4.00± 0.50
Chi2/ndf 4.00/2 (2.00)

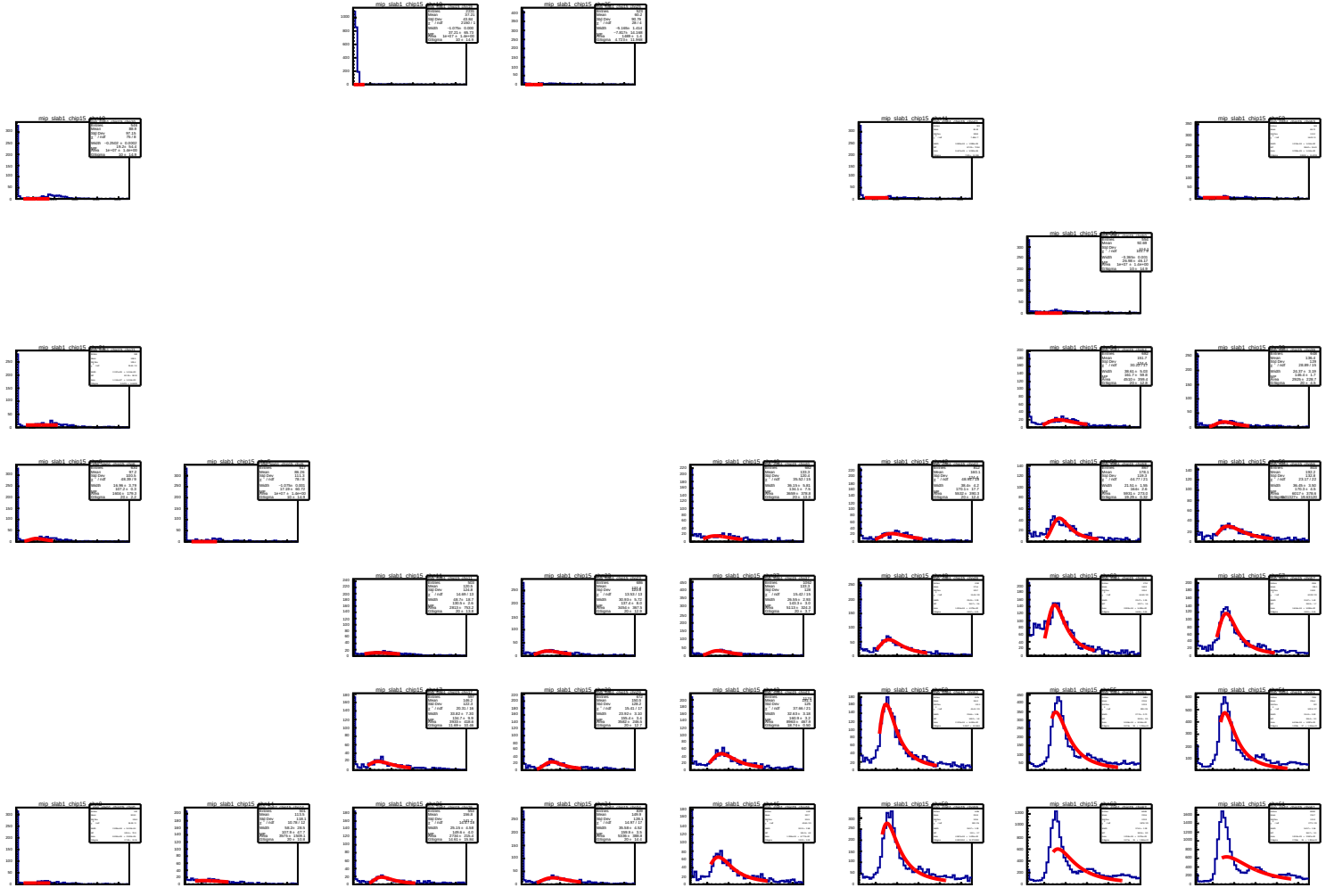

mip slab1 chip11 channel 4
Entries 256
Mean 0.4
RMS 1.4
Underflow 0 (0.0%)
Overflow 0 (0.0%)
Integral 256 (1.0)
Peak 2.20± 1.14
MPV 16.77± 7.23
Sigma 4.00± 0.50
Chi2/ndf 4.00/2 (2.00)

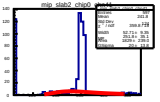

mip slab1 chip11 channel 5
Entries 256
Mean 0.4
RMS 1.4
Underflow 0 (0.0%)
Overflow 0 (0.0%)
Integral 256 (1.0)
Peak 2.20± 1.14
MPV 16.77± 7.23
Sigma 4.00± 0.50
Chi2/ndf 4.00/2 (2.00)

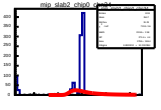

mip slab1 chip11 channel 6
Entries 256
Mean 0.4
RMS 1.4
Underflow 0 (0.0%)
Overflow 0 (0.0%)
Integral 256 (1.0)
Peak 2.20± 1.14
MPV 16.77± 7.23
Sigma 4.00± 0.50
Chi2/ndf 4.00/2 (2.00)

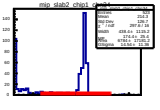


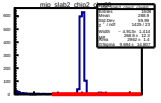


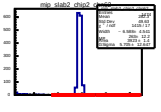


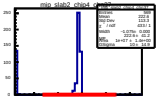

mip stab2 chip0 chan3
Entries 2128
Mean 52.71 ± 0.16
Mean x 2024.7 ± 20.1
Std Dev 2.224 ± 0.113
Underflow 0
Overflow 0

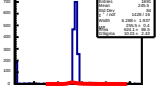

mip stab2 chip0 chan3
Entries 2128
Mean 52.71 ± 0.16
Mean x 2024.7 ± 20.1
Std Dev 2.224 ± 0.113
Underflow 0
Overflow 0

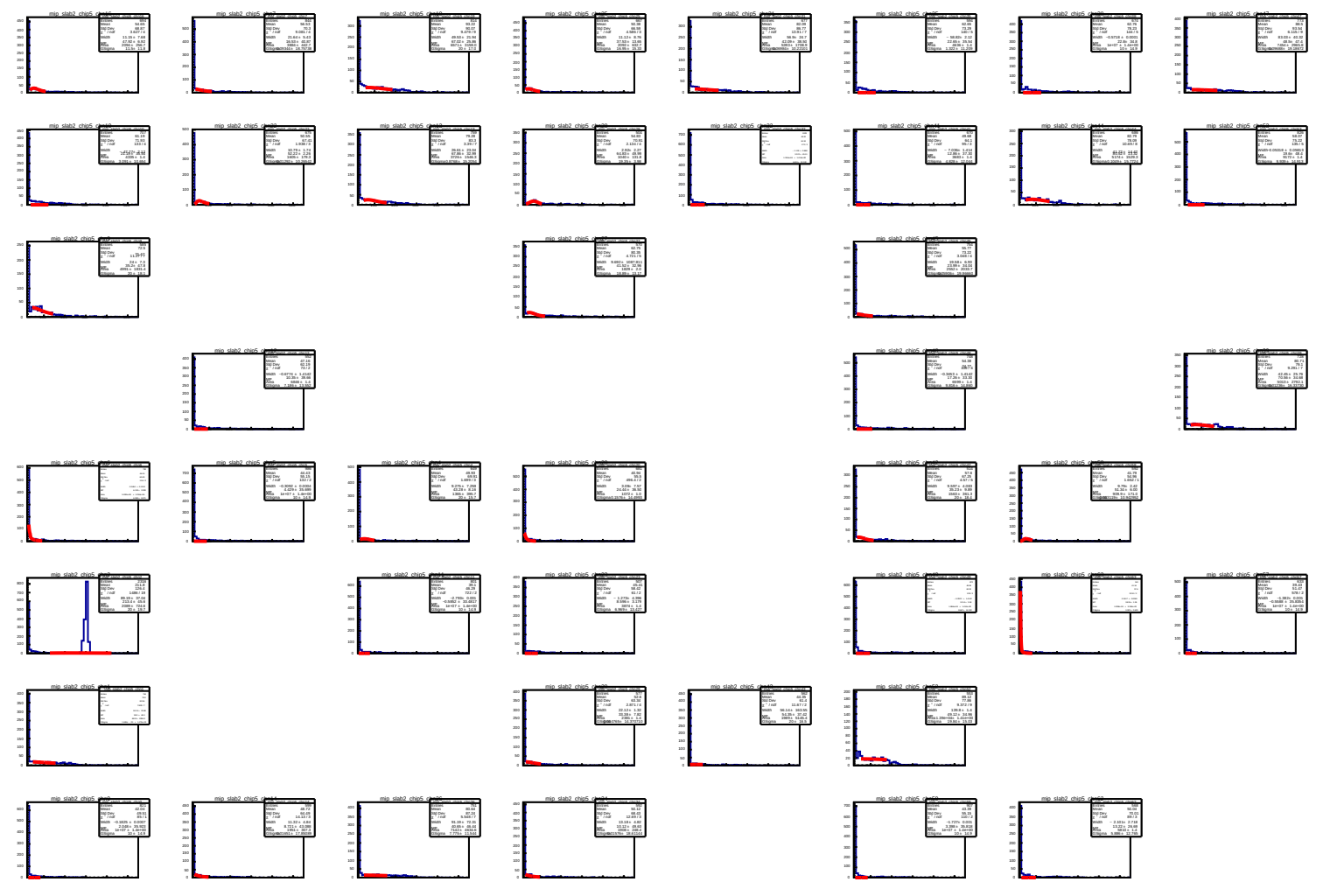

mip_slab2_chan1_cut1
Entries 1000
Mean 1.0
RMS 0.0
Underflow 1000.0
Overflow 0.0
Integral 1000.0
Width 338.4± 1135.0
Mean 0.0
RMS 0.0
Skewness 0.0
Kurtosis 0.0
180
160
140
120
100
80
60
40
20
0

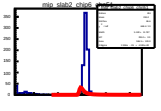

mip slab2 chip2 ch38
Entries 2968
Mean 2968
Std Dev 11.55
Underflow 0
Overflow 0
Integral 2968
Width = 0.5000 ± 0.0000
Mean = 0.0000 ± 0.0000
Sigma = 0.0000 ± 0.0000
Max = 2968.0 ± 0.0
Sigma = 0.000+/- 0.000
600
500
400
300
200
100
0

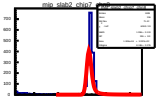

mip slab2 chip2 ch39
Entries 1455
Mean 28.02
Std Dev 1420.17
Underflow 0
Overflow 0
Integral 1455
Width = 0.5000 ± 0.5000
Mean = 0.0000 ± 0.0000
Sigma = 0.0000 ± 0.0000
Max = 1455.0 ± 0.0
Sigma = 0.000+/- 0.000
600
500
400
300
200
100
0

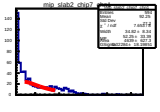

msp_slab2_chip4_ch10
Entries 1000
Mean 222.4
RMS 22.4
χ² / ndf 2232 / 1
Width 0.2780 ± 0.0202
1222.8 ± 42.2
Mean 64.7 ± 0.1
Sigma 22.5 ± 0.1
250
200
150
100
50
0

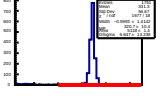

msp_slab2_chip4_ch10
Entries 1000
Mean 240.4
RMS 24.4
χ² / ndf 1128 / 13
Width 0.2981 ± 0.0127
1128.0 ± 32.0
Mean 624.1 ± 0.1
Sigma 23.0 ± 0.1
700
600
500
400
300
200
100
0

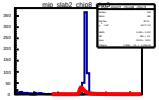


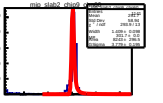


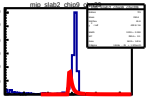

mip_slab2_chip7_chan2
Entries 10000
Mean 56.55
Std Dev 7.0E-14
χ² / ndf 2.0E-14
Prob 0.000
MPV 52.26 ± 0.34
Width 10.39 ± 0.34
Area 1.0E+14 ± 3.0E+12
Chi2/NDF=0.000 P=0.000

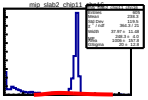

mip_slab2_chip7_chan3
Entries 10000
Mean 56.55
Std Dev 7.0E-14
χ² / ndf 2.0E-14
Prob 0.000
MPV 52.26 ± 0.34
Width 10.39 ± 0.34
Area 1.0E+14 ± 3.0E+12
Chi2/NDF=0.000 P=0.000

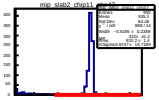

mip_slab2_chip7_chan4
Entries 10000
Mean 56.55
Std Dev 7.0E-14
χ² / ndf 2.0E-14
Prob 0.000
MPV 52.26 ± 0.34
Width 10.39 ± 0.34
Area 1.0E+14 ± 3.0E+12
Chi2/NDF=0.000 P=0.000

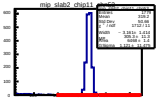


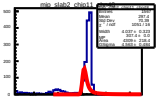

mip_slab2_chip2_chan26
Entries 2819
Mean 0.9
Std Dev 10.54
Integral 10.54
Width 1.000 ± 0.098
Mean 0.000 ± 0.000
Sigma 1.000 ± 0.000
Chi2/ndf 0.000 / 0.000
500
400
300
200
100
0

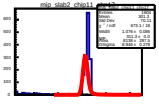

mip_slab2_chip2_chan26
300
250
200
150
100
50
0

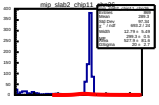

mip slab2 chip11 chan32
Entries 2912
Mean 119.5
Std Dev 364.37 ±3
χ² / ndf 1.1e+03
Width 37.97 ± 11.08
Peak 1.000e+ 0.000
Mean 1.000e+ 0.000
Sigma 29 ± 0.0

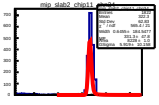

mip slab2 chip11 chan35
Entries 2912
Mean 82.16
Std Dev 889.14
χ² / ndf 1.1e+03
Width -0.0186 ± 0.2818
Peak 1.000e+ 0.000
Mean 0.017 ± 0.0
Sigma 0.0177 ± 0.0

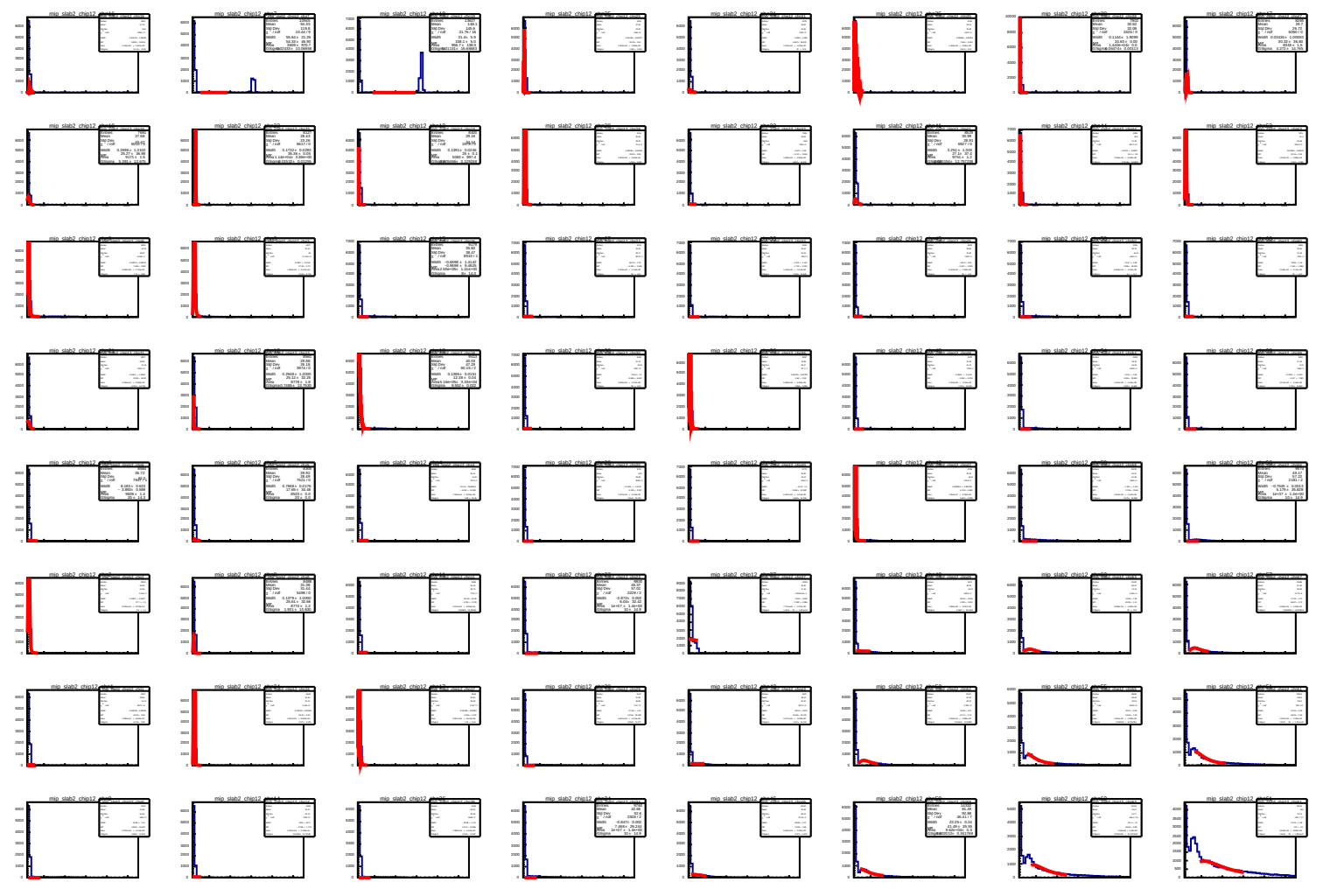

mip slab2 chip11 chan36
Entries 2912
Mean 318.8
Std Dev 1732.71
χ² / ndf 1.1e+03
Width -3.161± 1.414
Peak 1.000e+ 0.000
Mean 0.0 ± 0.0
Sigma 1.171± 1.414

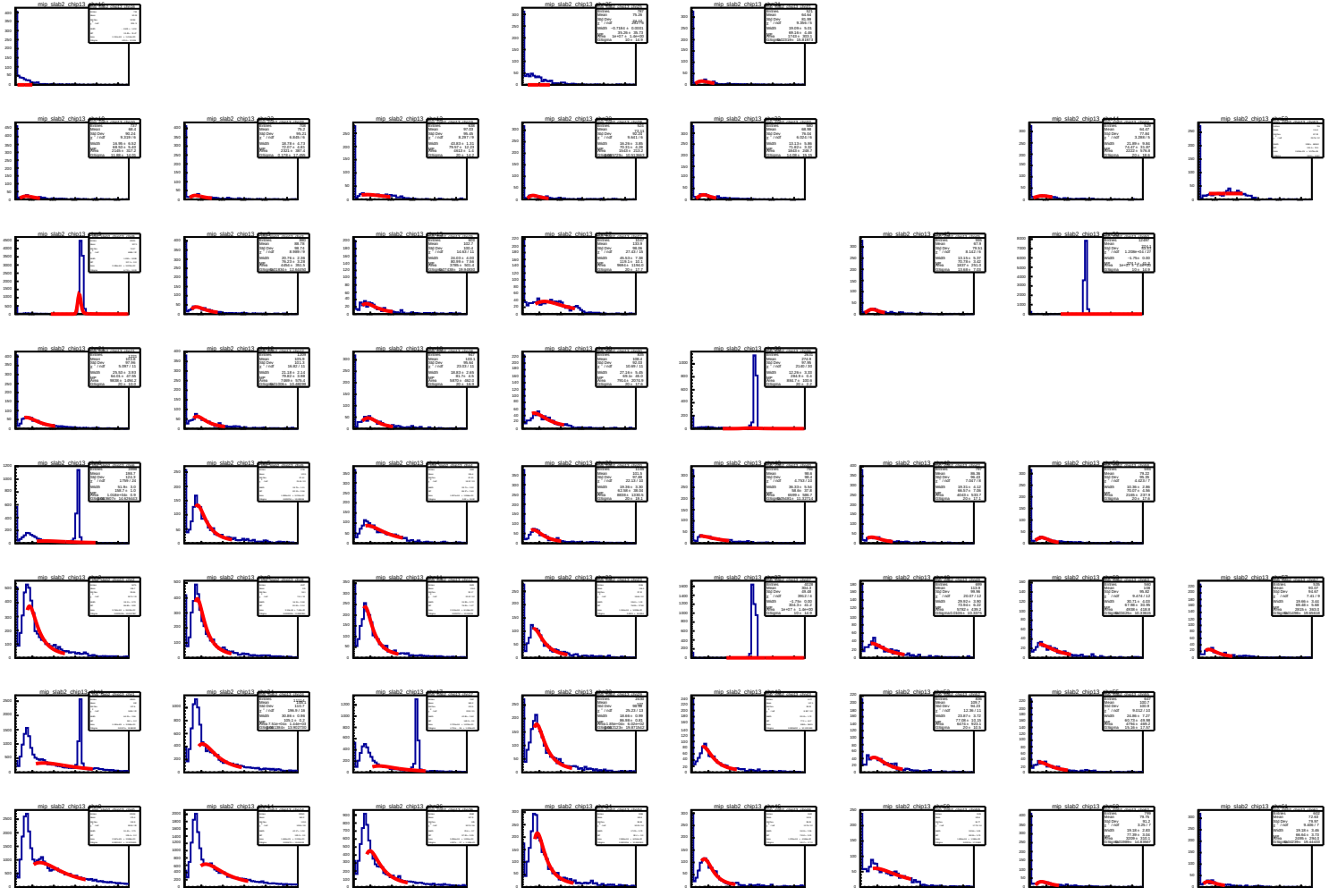

mip slab2 chip11 chan37
Entries 2912
Mean 79.2
Std Dev 73.14
χ² / ndf 673.11
Width 0.275± 0.288
Peak 301.4 ± 0.0
Mean 1.000e+ 0.000
Sigma 0.000± 0.000

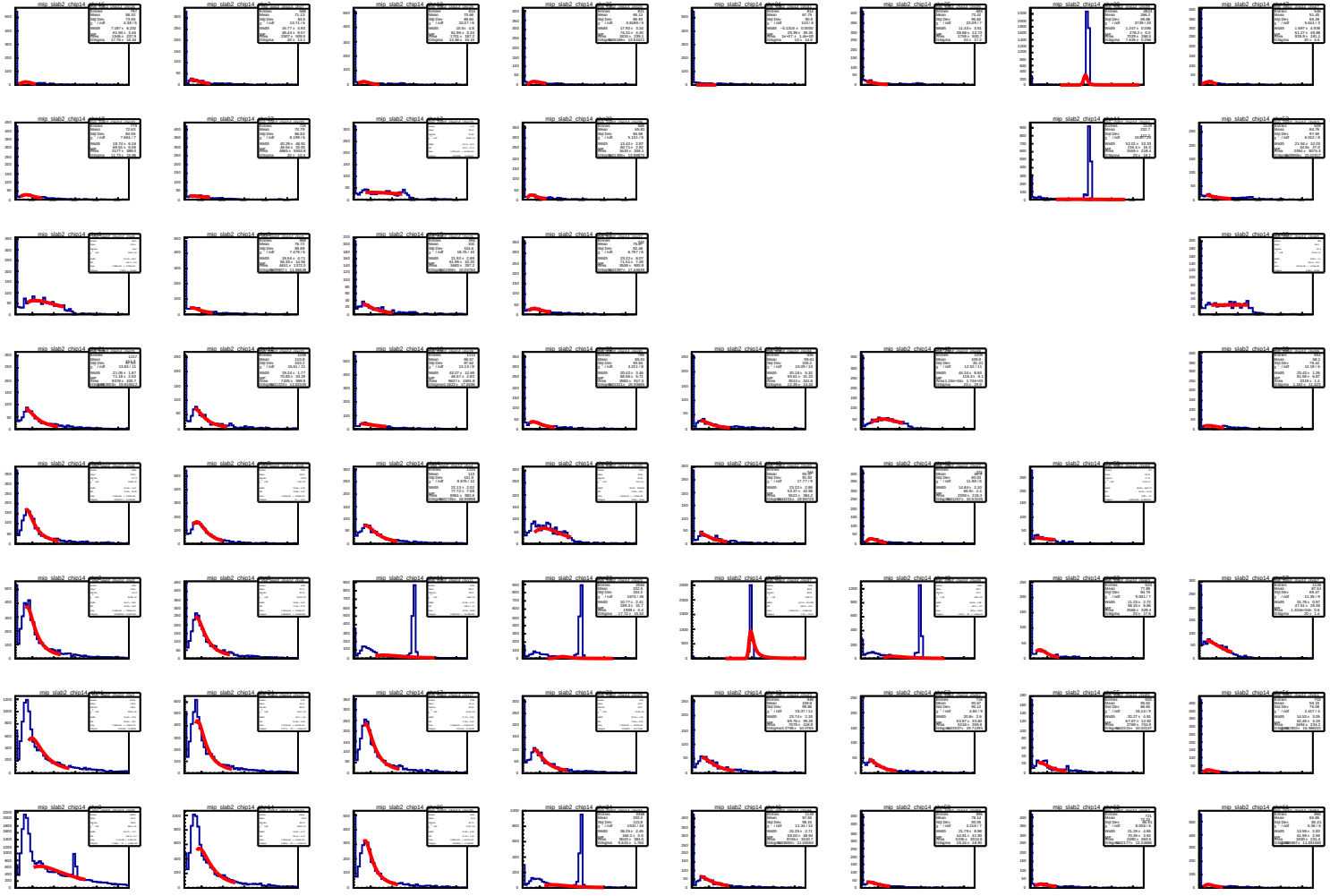

mip slab2 chip11 chan38
Entries 2912
Mean 79.2
Std Dev 73.14
χ² / ndf 673.11
Width 0.275± 0.288
Peak 301.4 ± 0.0
Mean 1.000e+ 0.000
Sigma 0.000± 0.000

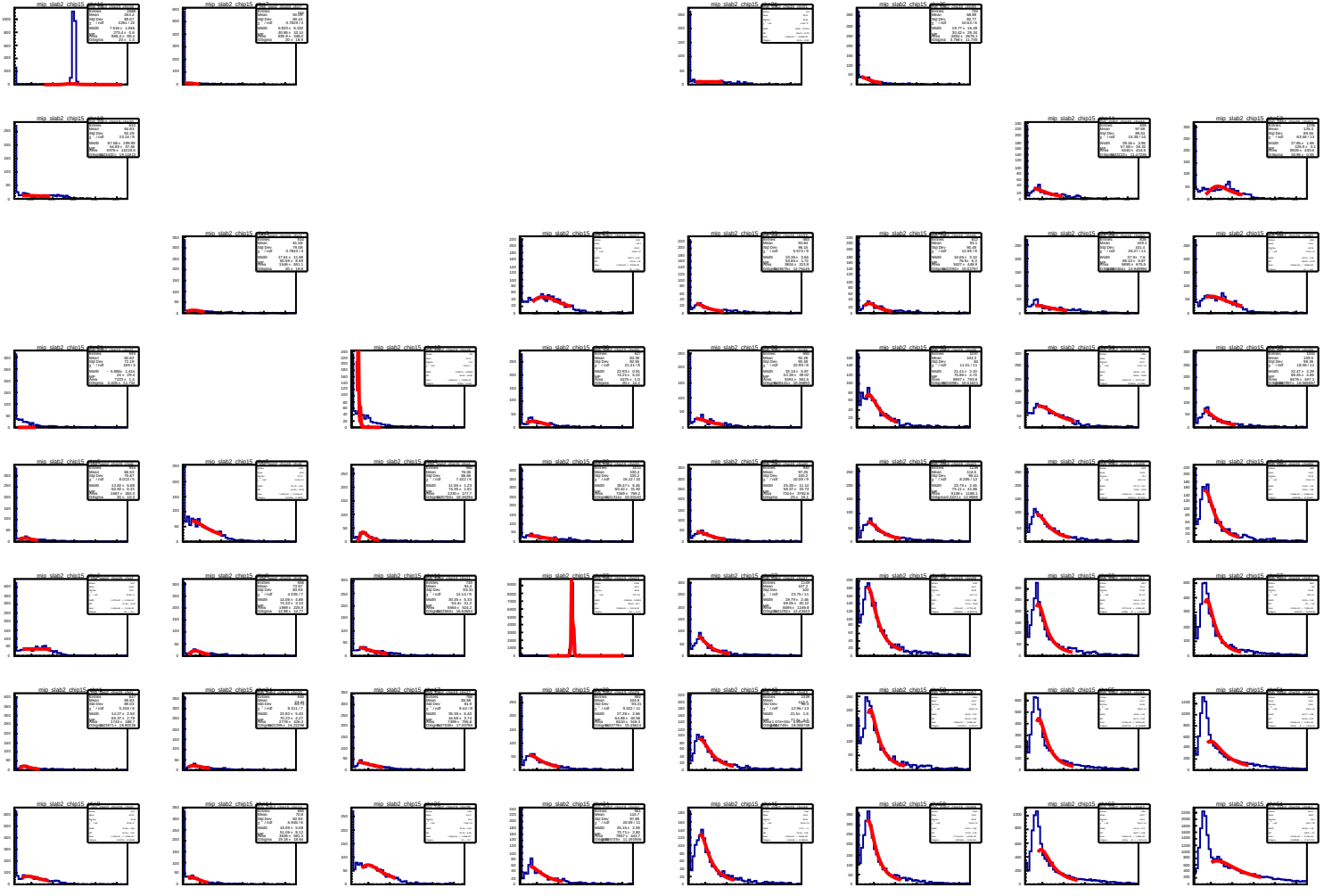

mip slab2 chip11 chan39
Entries 2912
Mean 29.2
Std Dev 693.27
χ² / ndf 1.1e+03
Width 12.79 ± 9.29
Peak 1.000e+ 0.000
Mean 677.9 ± 0.0
Sigma 29 ± 0.0

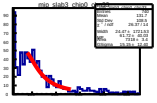

mip slab2 chip11 chan40
Entries 2912
Mean 0.0
Std Dev 0.0
χ² / ndf 986.07
Width 0.0189± 184.9477
Peak 1.000e+ 0.000
Mean 0.0 ± 0.0
Sigma 9.9630± 0.0

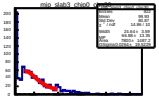


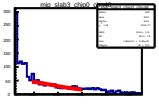


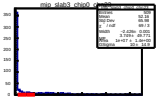


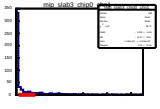


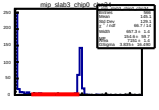

mip slab3 chip0 chan0
Entries 1000
Mean 133.2
Std Dev 26.07
χ² / ndf 26.07 / 4
Width 24.67 ± 372.93
Mean 41.01 ± 26.02
MPV 0.00 ± 0.00
Integral 1.00 ± 0.00

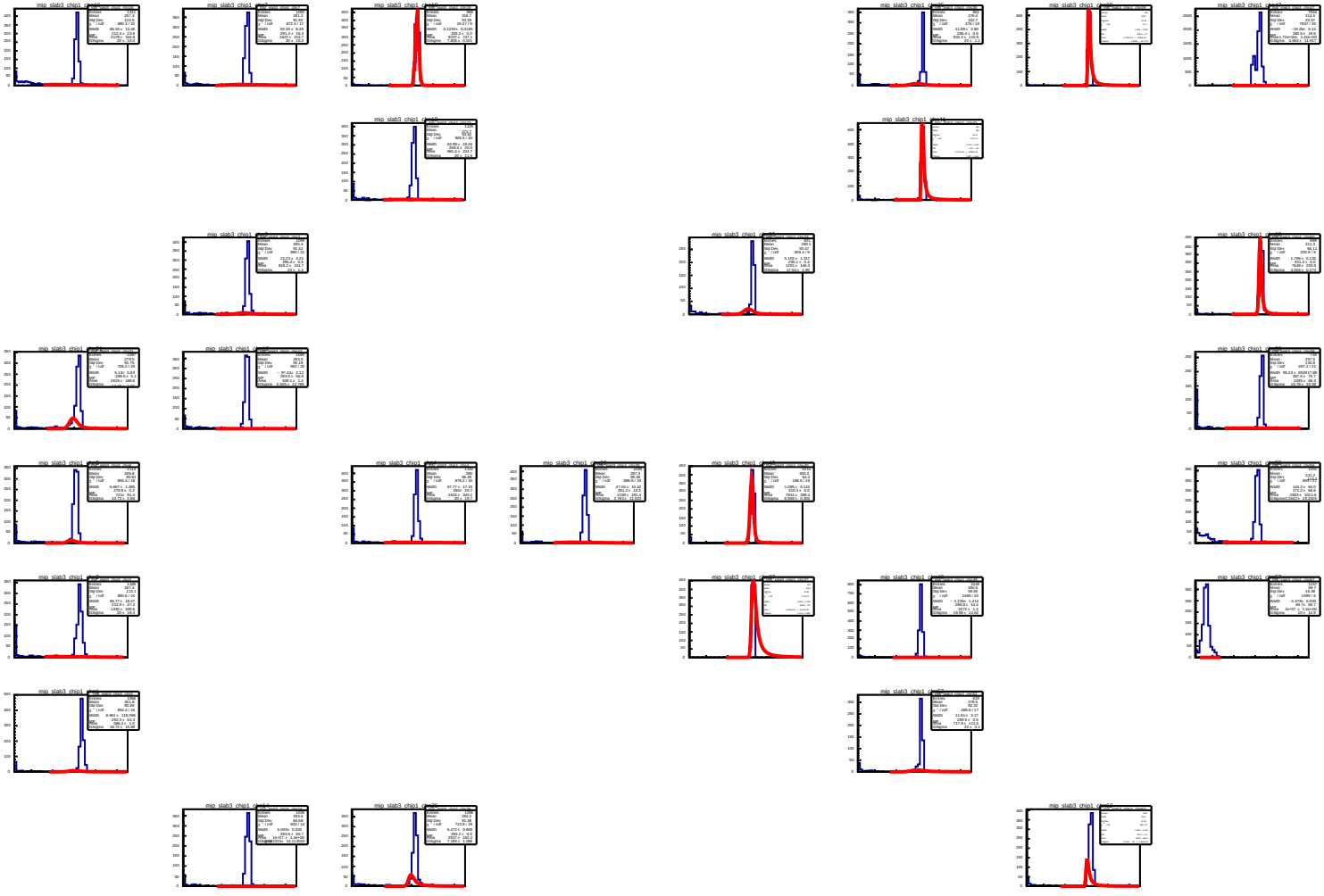

mip slab3 chip0 chan0
Entries 1000
Mean 66.57
Std Dev 30.47
χ² / ndf 16.84 / 5
Width 24.64 ± 3.55
Mean 65.661 ± 3.55
MPV 780.0 ± 1957.2
Integral 1000.0 ± 0.0

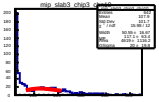

mip slab3 chip0 chan0
Entries 1000
Mean 0.00
Std Dev 0.00
χ² / ndf 0.00 / 0
Width 0.00 ± 0.00
Mean 0.00 ± 0.00
MPV 0.00 ± 0.00
Integral 0.00 ± 0.00

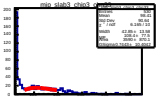

mip slab3 chip0 chan0
Entries 1000
Mean 55.74
Std Dev 69.59
χ² / ndf 0.00 / 0
Width -2.42e-06 ± 0.00
Mean 3.705 ± 28.771
MPV 9.457 ± 0.000
Integral 0.0 ± 0.0

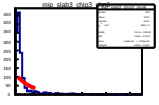

mip slab3 chip0 chan0
Entries 1000
Mean nan
Std Dev nan
χ² / ndf 0.00 / 0
Width 0.00 ± 0.00
Mean nan ± nan
MPV 0.00 ± 0.00
Integral 1.00e+06 ± 0.00e+00

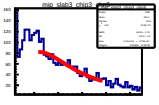

mip slab3 chip0 chan0
Entries 1000
Mean 133.2
Std Dev 125.1
χ² / ndf 66.77 / 3
Width 667.3 ± 5.4
Mean 1.00 ± 0.00
MPV 7.00 ± 0.0
Integral 3.651e+06 ± 0.0

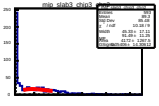


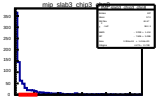

mip_slab3_chip3_chan0
Entries 1024
Mean x 117.8
Mean y 19.07
χ² / ndf 15.567 / 12
Width 10.55 ± 10.67
MPV 4.09 ± 3.09
Area 43.03 ± 5.03
Frequency 20.4 ± 0.4

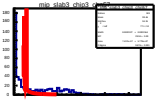

mip_slab3_chip3_chan1
Entries 1024
Mean x 98.21
Mean y 19
χ² / ndf 9.183 / 10
Width 47.89 ± 13.98
MPV 208.4 ± 27.5
Area 1.e+06 ± 1.e+05
Frequency 1.e+04 ± 1.e+04

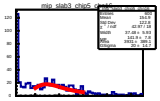

mip_slab3_chip3_chan2
Entries 1024
Mean x 1.e+04
Mean y 1.e+04
χ² / ndf 8.e+04 / 1.e+04
Width 1.e+04 ± 1.e+04
MPV 1.e+04 ± 1.e+04
Area 1.e+04 ± 1.e+04
Frequency 1.e+04 ± 1.e+04

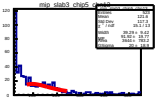

mip_slab3_chip3_chan3
Entries 1024
Mean x 1.e+04
Mean y 1.e+04
χ² / ndf 1.e+04 / 1.e+04
Width 1.e+04 ± 1.e+04
MPV 1.e+04 ± 1.e+04
Area 1.e+04 ± 1.e+04
Frequency 1.e+04 ± 1.e+04

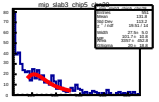

mip_slab3_chip3_chan4
Entries 1024
Mean x 99.12
Mean y 19
χ² / ndf 10.68 / 9
Width 45.33 ± 17.13
MPV 51.18 ± 11.35
Area 1.e+06 ± 1.e+05
Frequency 1.e+04 ± 1.e+04

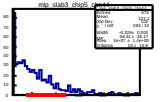

mip_slab3_chip3_chan5
Entries 1024
Mean x 1.e+04
Mean y 1.e+04
χ² / ndf 1.e+04 / 1.e+04
Width 1.e+04 ± 1.e+04
MPV 1.e+04 ± 1.e+04
Area 1.e+04 ± 1.e+04
Frequency 1.e+04 ± 1.e+04

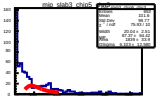

mip_slab3_chip3_chan6
Entries 1024
Mean x 1.e+04
Mean y 1.e+04
χ² / ndf 1.e+04 / 1.e+04
Width 1.e+04 ± 1.e+04
MPV 1.e+04 ± 1.e+04
Area 1.e+04 ± 1.e+04
Frequency 1.e+04 ± 1.e+04

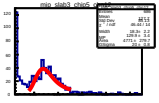

mip slab3 chip5 chan0
Entries 1024
Mean 24.02
Std Dev 122.6
χ² / ndf 43.97 / 19
Const 37.68 ± 9.60
Mean 28.29 ± 0.42
Sigma 3.63 ± 3.65
Chi prob 24 ± 0.1

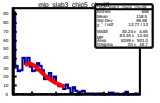

mip slab3 chip5 chan1
Entries 1024
Mean 131.8
Std Dev 191.7
χ² / ndf 19.17 / 13
Const 28.29 ± 9.42
Mean 28.29 ± 0.42
Sigma 29.61 ± 19.2
Chi prob 24 ± 0.1

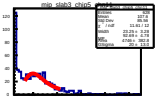

mip slab3 chip5 chan2
Entries 1024
Mean 131.8
Std Dev 191.7
χ² / ndf 19.63 / 12
Const 27.54 ± 9.0
Mean 27.54 ± 0.42
Sigma 29.07 ± 20.3
Chi prob 24 ± 0.1

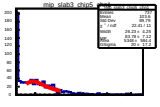

mip slab3 chip5 chan3
Entries 1024
Mean 122.2
Std Dev 187.7
χ² / ndf 249 / 13
Const -0.204± 0.030
Mean 14.07 ± 0.04
Sigma 14.07 ± 0.04
Chi prob 24 ± 0.1

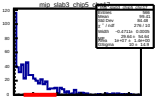

mip slab3 chip5 chan4
Entries 1024
Mean 19.18
Std Dev 75.80
χ² / ndf 75.80 / 14
Const 20.04 ± 2.41
Mean 47.22 ± 46.72
Sigma 9.84 ± 1.18
Chi prob 24 ± 0.1

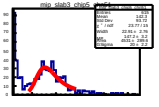

mip slab3 chip5 chan5
Entries 1024
Mean 38.53
Std Dev 38.53
χ² / ndf 38.53 / 1
Const 128.8 ± 2.2
Mean 477.1 ± 27.2
Sigma 24 ± 0.1

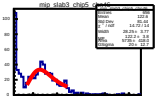

mip slab3 chip5 chan6
Entries 1024
Mean 134.9
Std Dev 33.77
χ² / ndf 23.77 / 1
Const 35.16 ± 1.43
Mean 63.16 ± 0.43
Sigma 63.16 ± 0.43
Chi prob 24 ± 0.1

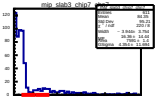

mip slab3 chip5 chan11
Entries 1024
Mean 22.14
Std Dev 22.14
χ² / ndf 15.63 / 12
Const 23.29 ± 2.19
Mean 92.68 ± 0.78
Sigma 10.98 ± 0.78
Chi prob 24 ± 0.1

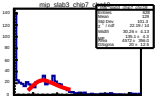

mip slab3 chip5 chan7
Entries 1024
Mean 19.14
Std Dev 89.79
χ² / ndf 22.40 / 14
Const 29.23 ± 3.19
Mean 93.78 ± 7.12
Sigma 53.84 ± 5.12
Chi prob 24 ± 0.1

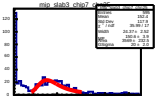

mip slab3 chip5 chan12
Entries 1024
Mean 39.27
Std Dev 94.48
χ² / ndf 27.62 / 14
Const -0.0710± 0.0009
Mean 29.64 ± 54.66
Sigma 14.07 ± 0.04
Chi prob 24 ± 0.1

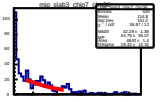

mip slab3 chip5 chan8
Entries 1024
Mean 140.2
Std Dev 93.72
χ² / ndf 19.72 / 14
Const 13.91 ± 2.76
Mean 3.67 ± 0.2
Sigma 49.02 ± 0.2
Chi prob 24 ± 0.1

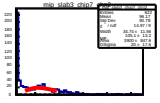

mip slab3 chip5 chan9
Entries 1024
Mean 22.07
Std Dev 22.14
χ² / ndf 14.72 / 13
Const 28.29 ± 3.77
Mean 92.68 ± 0.78
Sigma 57.93 ± 0.8
Chi prob 24 ± 0.1

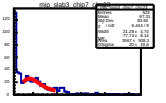

mip_slab3_chip7_chan0
Entries 1024
Mean 34.54
Std Dev 55.21
χ² / ndf 2203 / 0
Width 3.5464 ± 0.704
MPV 6.9 ± 1.5
Area 7886 ± 3.5
Sigma 6.9642 ± 1.4

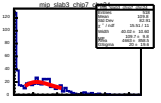

mip_slab3_chip7_chan1
Entries 1024
Mean 331.2
Std Dev 22.187 / 14
χ² / ndf 0
Width 39.26 ± 0.13
MPV 0.0 ± 0.0
Area 10.57 ± 0.0
Sigma 39 ± 0.1

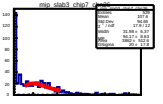

mip_slab3_chip7_chan2
Entries 1024
Mean 137.8
Std Dev 29.893 / 17
χ² / ndf 0
Width 2.587 ± 0.16
MPV 2.6 ± 0.0
Area 3988 ± 0.0
Sigma 2.6 ± 0.0

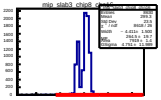

mip_slab3_chip7_chan3
Entries 1024
Mean 110.8
Std Dev 251.2
χ² / ndf 29.8 / 14
Width 42.29 ± 1.4
MPV 41.71 ± 16.07
Area 49.67 ± 1.4
Sigma 42.29 ± 1.4

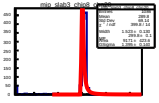

mip_slab3_chip7_chan4
Entries 1024
Mean 33.7
Std Dev 14.97 / 9
χ² / ndf 0
Width 31.73 ± 11.56
MPV 3.05 ± 1.2
Area 1.0 ± 0.0
Sigma 14.97 ± 1.2

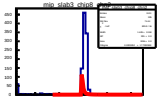

mip_slab3_chip7_chan5
Entries 1024
Mean 27.7
Std Dev 9.464 / 9
χ² / ndf 0
Width 21.29 ± 0.75
MPV 77.73 ± 0.13
Area 3988 ± 0.0
Sigma 9.4 ± 0.0

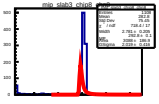

mip_slab3_chip7_chan6
Entries 1024
Mean 122.2
Std Dev 32.61
χ² / ndf 0
Width 65.02 ± 13.45
MPV 100.7 ± 9.6
Area 4988 ± 0.0
Sigma 32.6 ± 0.0

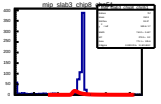

mip_slab3_chip7_chan7
Entries 1024
Mean 307.8
Std Dev 17.9 / 12
χ² / ndf 0
Width 31.66 ± 9.37
MPV 0.0 ± 0.0
Area 3988 ± 0.0
Sigma 39 ± 0.1

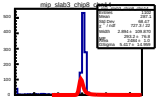

mip_slab3_chip8_chn15
Entries 2611
Mean 21.6
Std Dev 10.7
χ² / ndf 8518 / 79
Width - 0.0114 ± 1.920
MPV 0.0 ± 0.0
Area 7553 ± 3.4
Sigma 4.763 ± 0.000

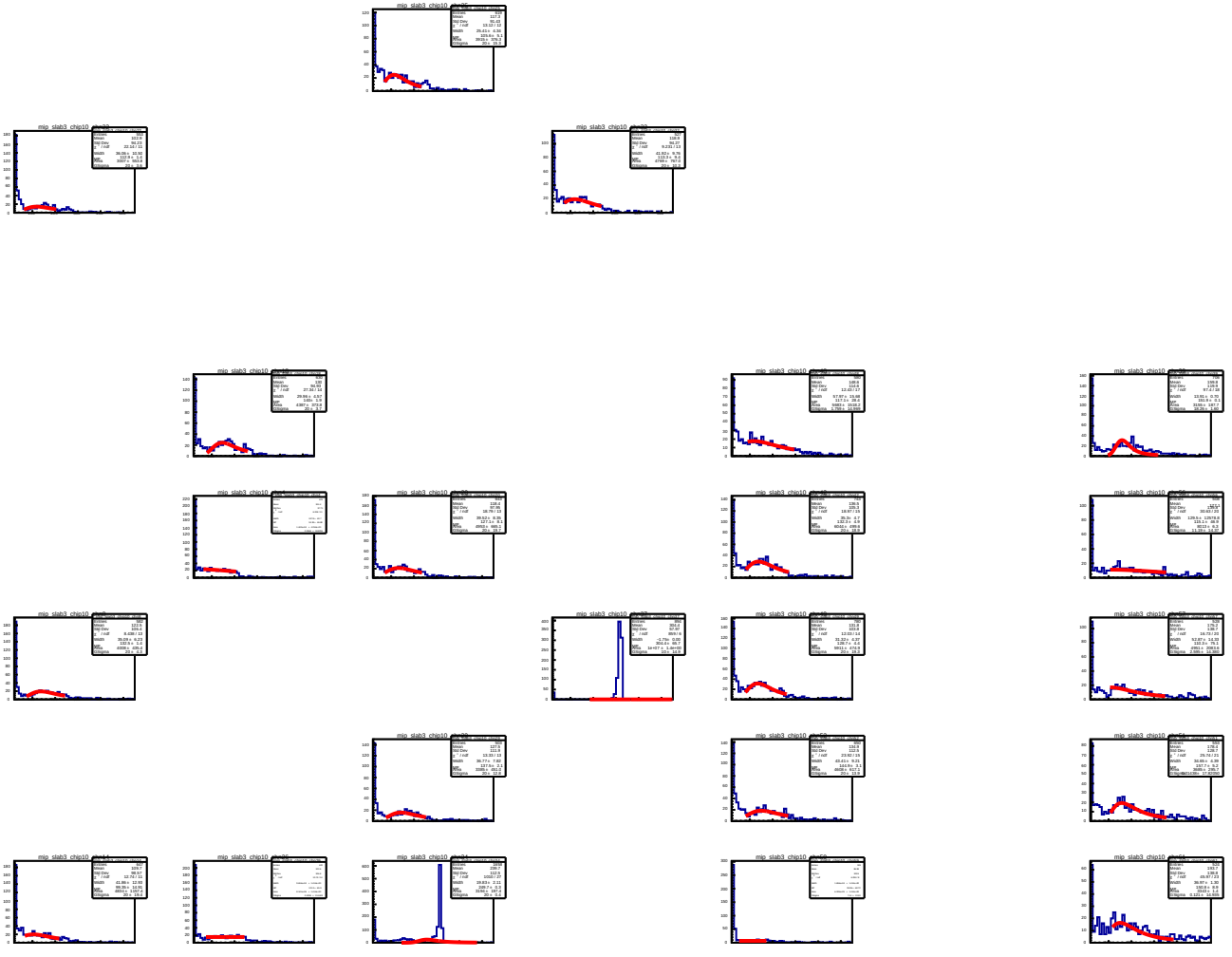

mip_slab3_chip8_chn2
Entries 2614
Mean 19.4
Std Dev 10.1
χ² / ndf 399.8 / 14
Width 1.5211 ± 0.025
MPV 0.0 ± 0.0
Area 5171 ± 27.8
Sigma 3.844 ± 0.018

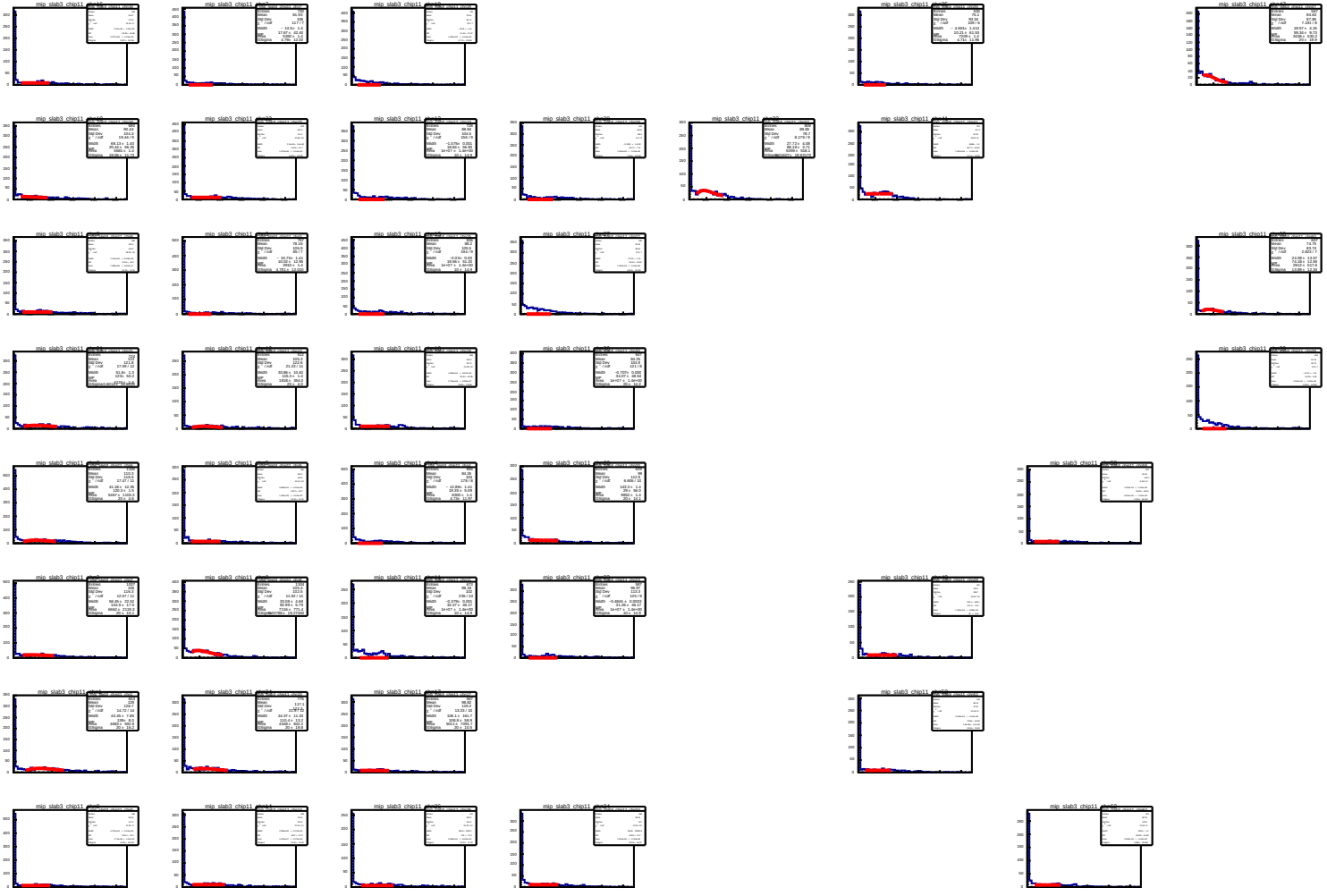

mip_slab3_chip8_chn3
Entries 2611
Mean 19.4
Std Dev 10.1
χ² / ndf 718.6 / 17
Width 2.751 ± 0.025
MPV 292.8 ± 7.3
Area 3968 ± 27.8
Sigma 7.224 ± 0.018

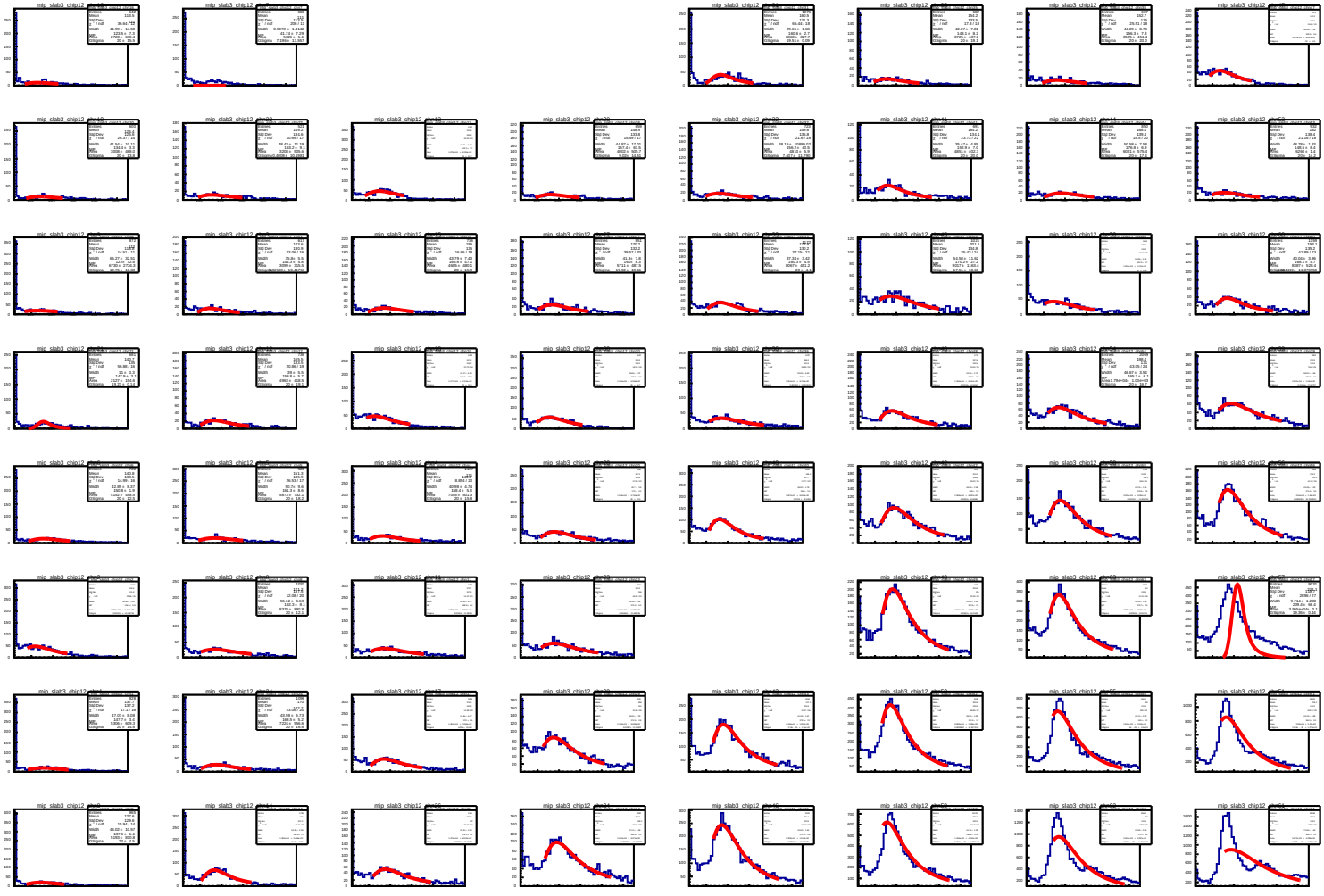

mip_slab3_chip8_chn4
Entries 2614
Mean 19.4
Std Dev 10.1
χ² / ndf 727.3 / 17
Width 2.384 ± 109.9/0
MPV 292.8 ± 7.3
Area 3968 ± 0.0
Sigma 6.277 ± 0.00

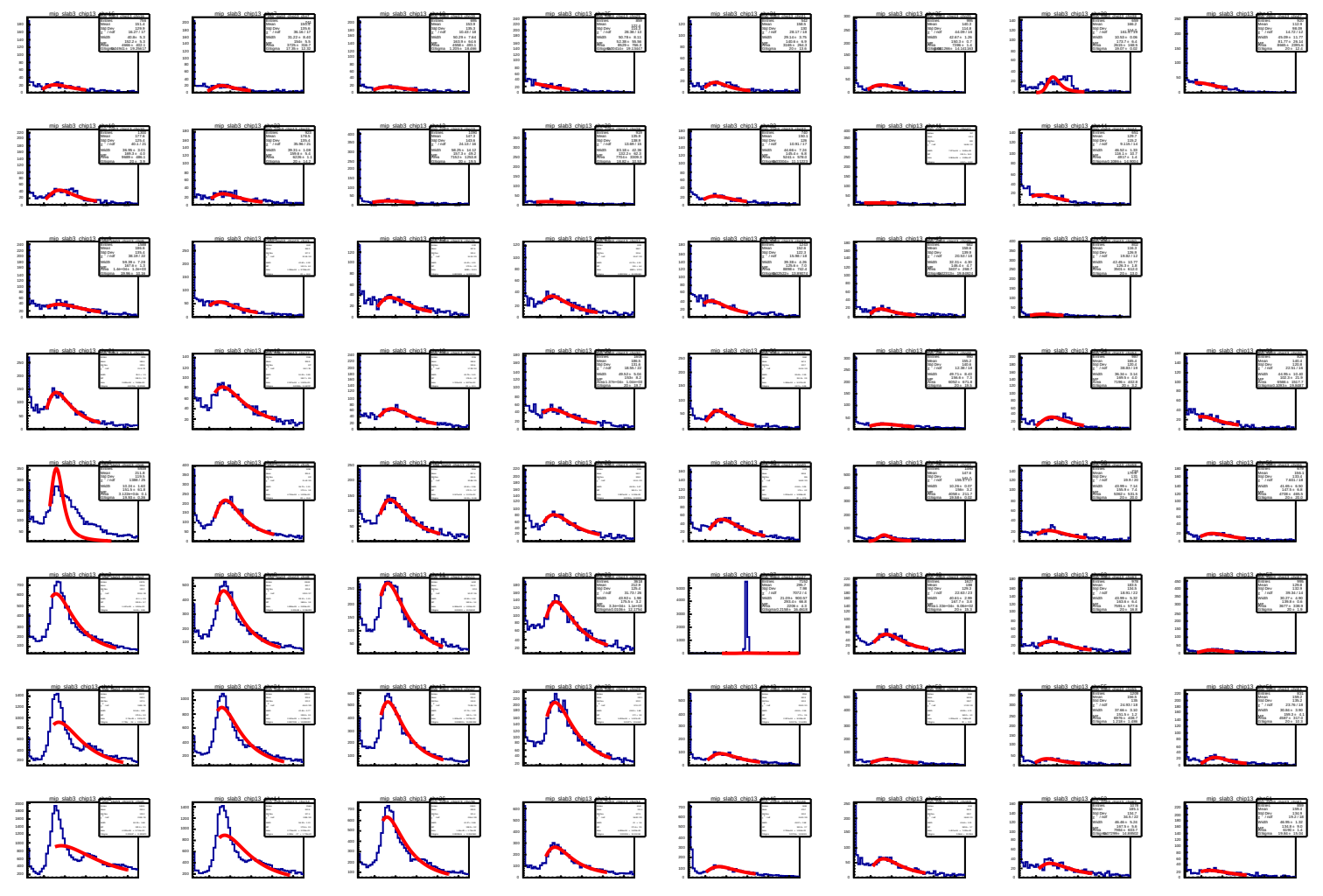

mip_slab3_chip8_chn5
Entries 2614
Mean 19.4
Std Dev 10.1
χ² / ndf 1.0e+0 / 1
Width 1.0e+0 ± 0.0
MPV 0.0 ± 0.0
Area 1.0e+0 ± 0.0
Sigma 0.0e+0 ± 0.0

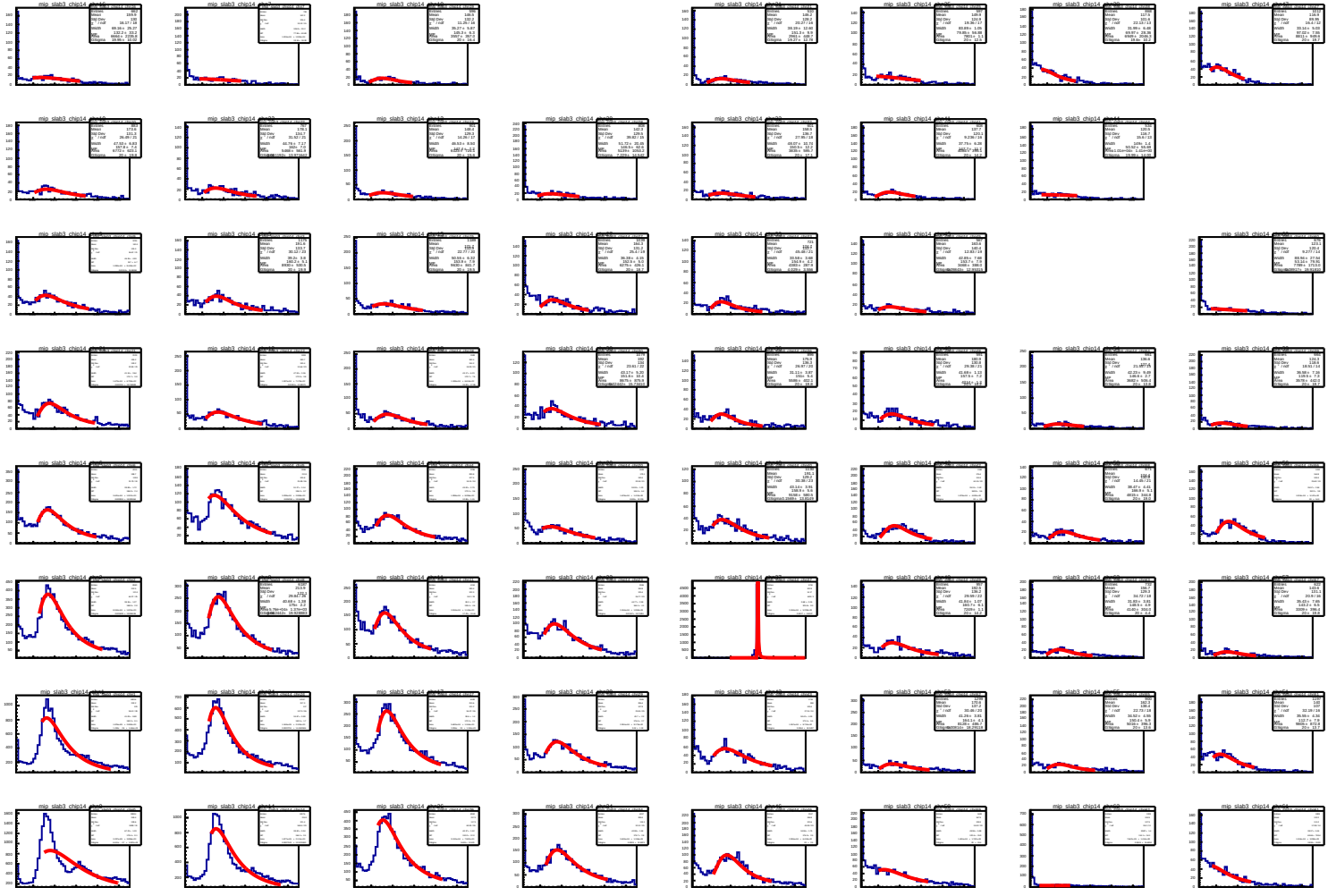

mip_slab3_chip8_chn6
Entries 2614
Mean 19.4
Std Dev 10.1
χ² / ndf 727.3 / 17
Width 2.384 ± 109.9/0
MPV 292.8 ± 7.3
Area 3968 ± 0.0
Sigma 6.277 ± 0.00

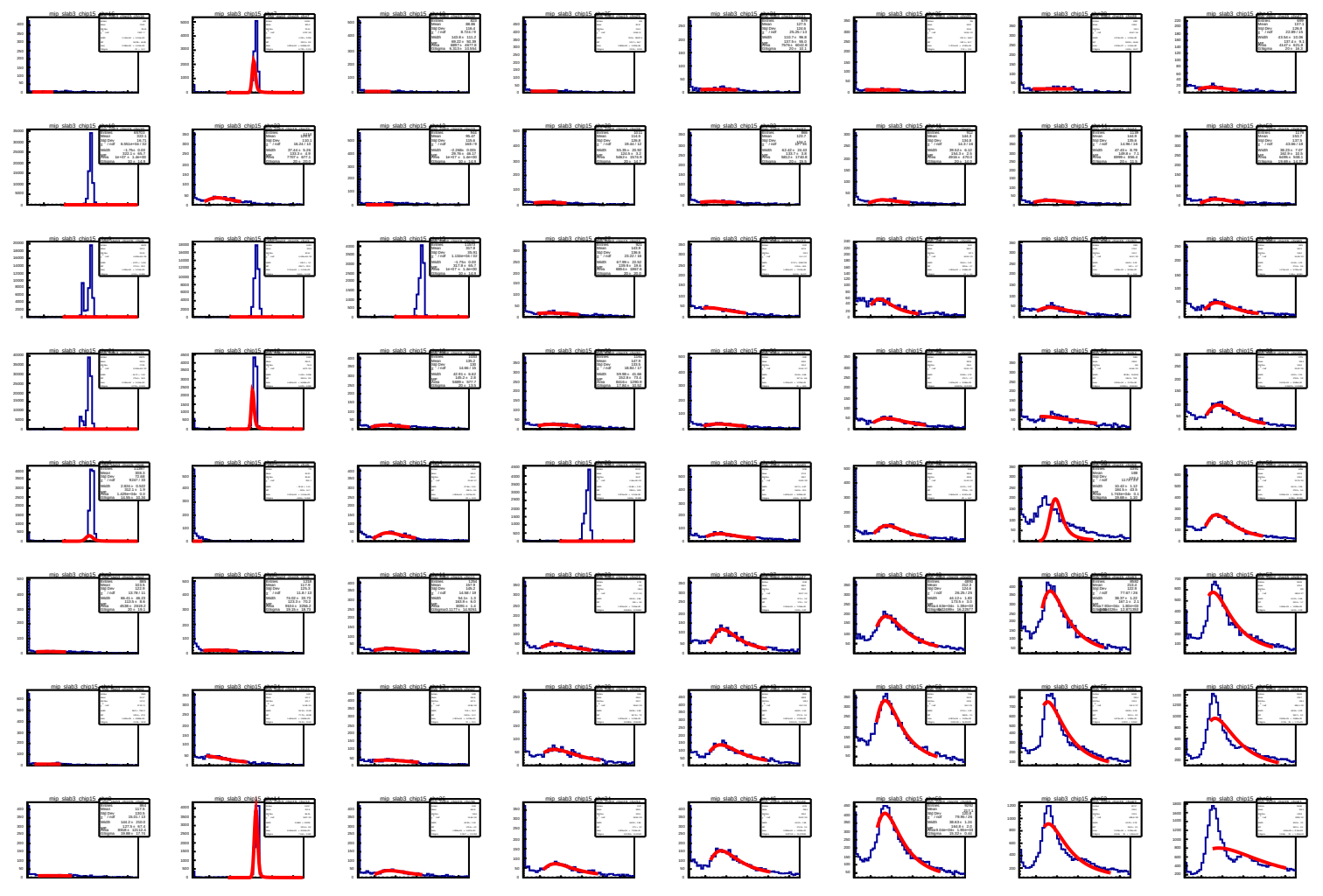

mip slab3 chip10
Entries
Mean
Std Dev
χ² / ndf
Width
Area
Sigma

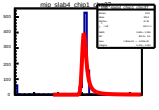


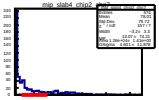


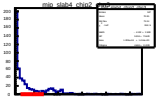


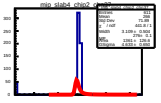


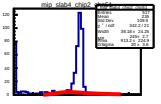


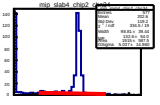

mip_slab4_chip1_ch10
Entries 1000
Mean 2.18
RMS 0.14
Underflow 0
Overflow 0
Integral 1000.
Skewness 1.04
Kurtosis 3.42
Constant 4.19E+02
Mean 2.18
Sigma 0.0700
500
400
300
200
100
0

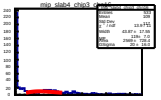

mip_slab4_chip2_ch0
Entries 1024
Mean 19.4
Std Dev 26.72
χ² / ndf 1977.7
Width 19.24 ± 1.3
Area 10.918 ± 0.243
MPV 1.184 ± 0.025
Sigma 0.481 ± 0.016

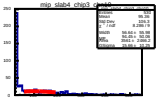

mip_slab4_chip2_ch1

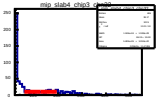

mip_slab4_chip2_ch2
Entries 1024
Mean 111
Std Dev 50
χ² / ndf 413.87
Width 3.139 ± 0.502
Area 7.9 ± 0.1
MPV 2.101 ± 0.008
Sigma 0.553 ± 0.008

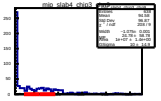

mip_slab4_chip2_ch3
Entries 1024
Mean 109.4
Std Dev 109.8
χ² / ndf 1.2
Width 39.84 ± 34.05
Area 2.04 ± 0.2
MPV 913.23 ± 0.8
Sigma 26.7 ± 0.8

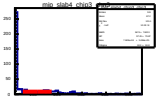

mip_slab4_chip2_ch4
Entries 1024
Mean 109.4
Std Dev 109.8
χ² / ndf 316.57.15
Width 33.81 ± 39.14
Area 1.9 ± 0.2
MPV 1024 ± 10.7
Sigma 5.077 ± 0.16


mip slab4 chip3 chan5


mip slab4 chip3 chan6


mip slab4 chip3 chan7


mip slab4 chip3 chan8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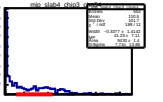
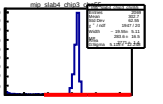
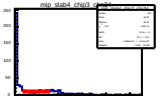
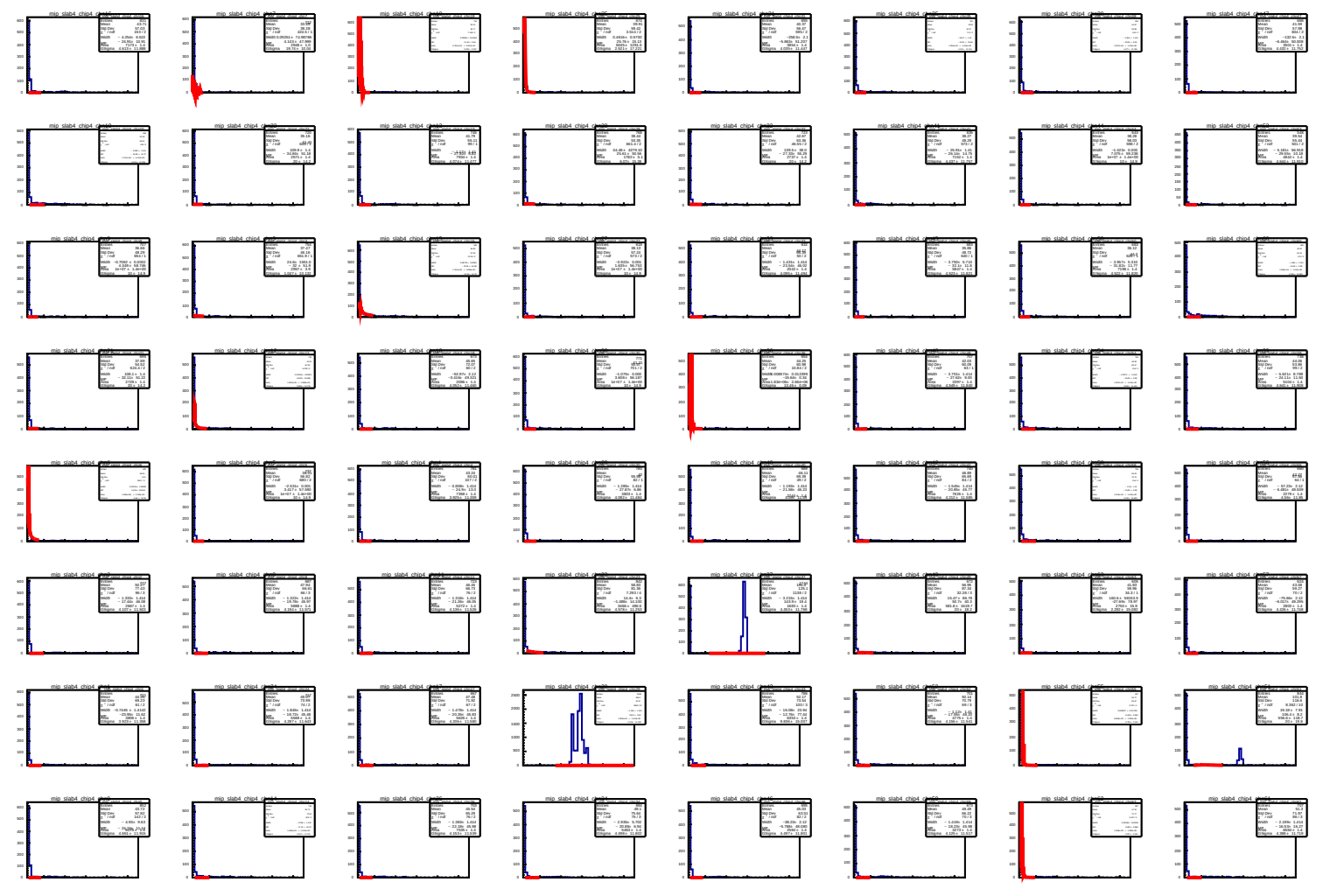
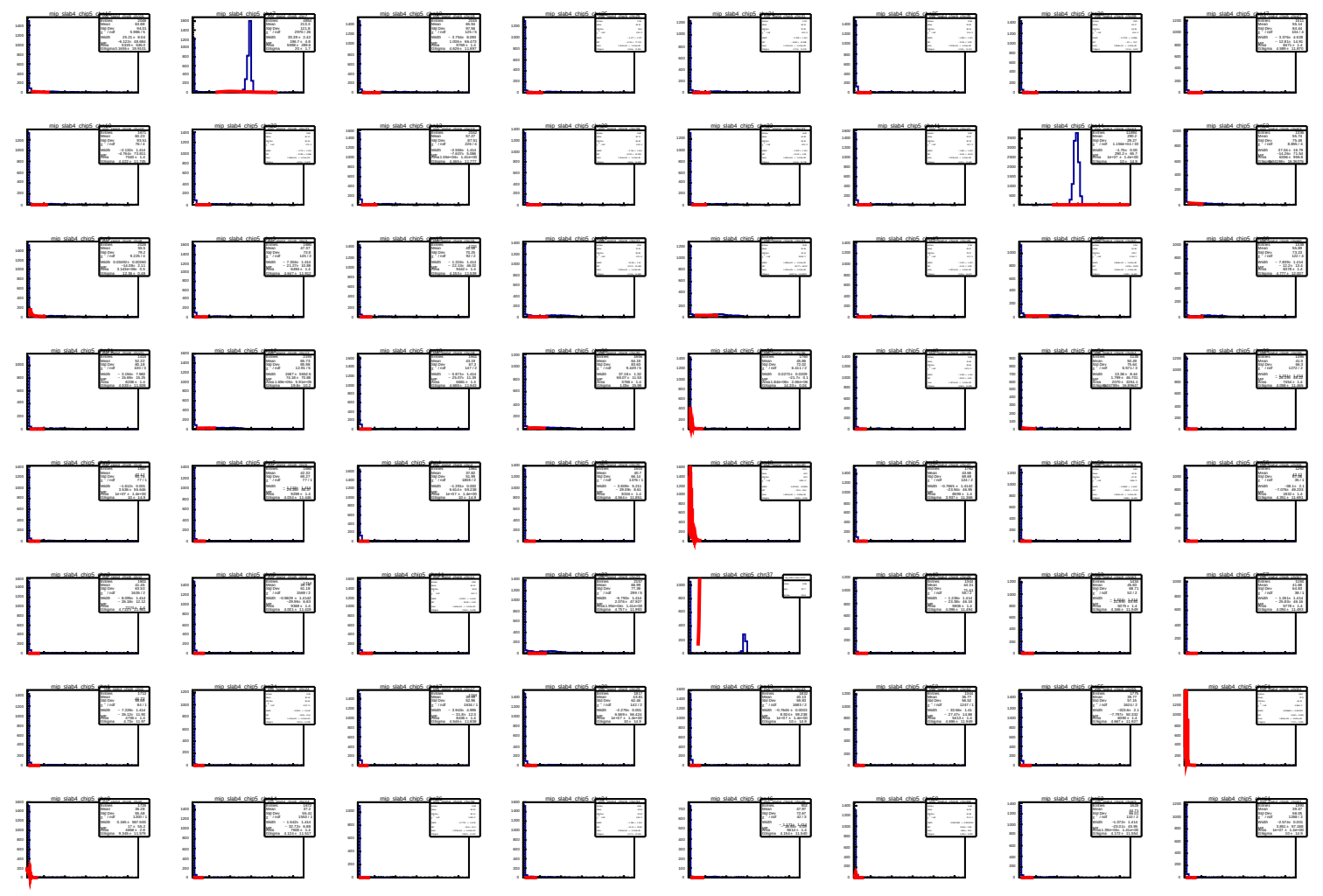
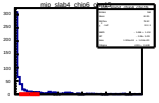

mip slab4 chip3 chan10


mip slab4 chip3 chan11


mip slab4 chip3 chan12



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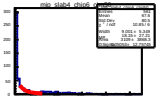
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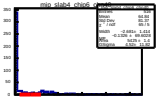
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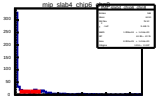
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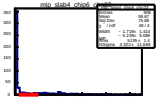
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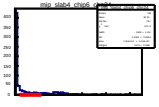
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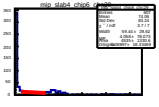
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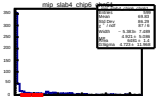
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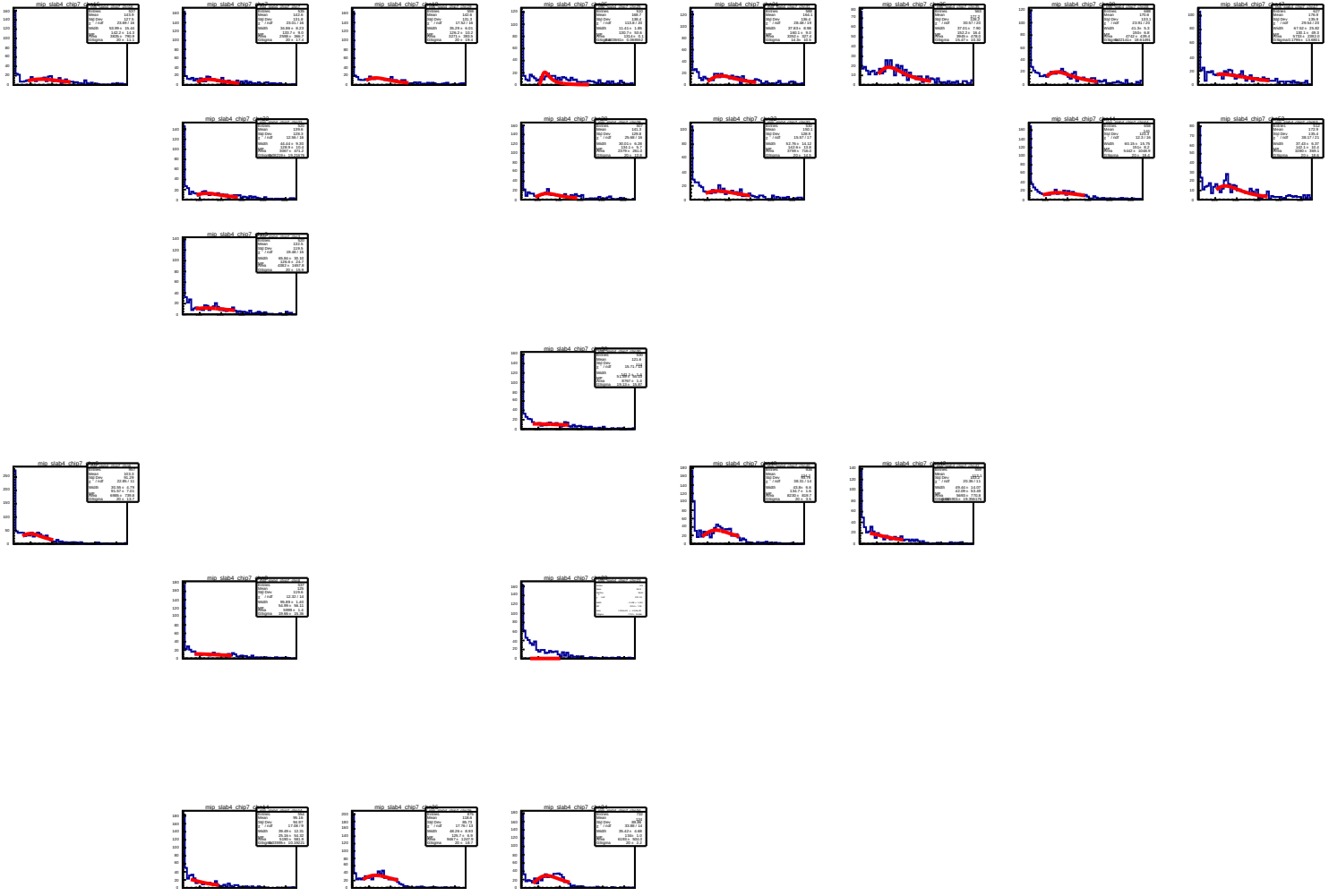
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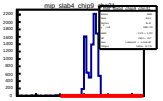
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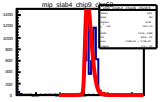
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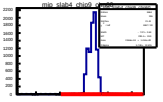
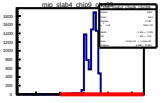
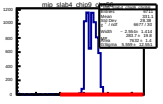
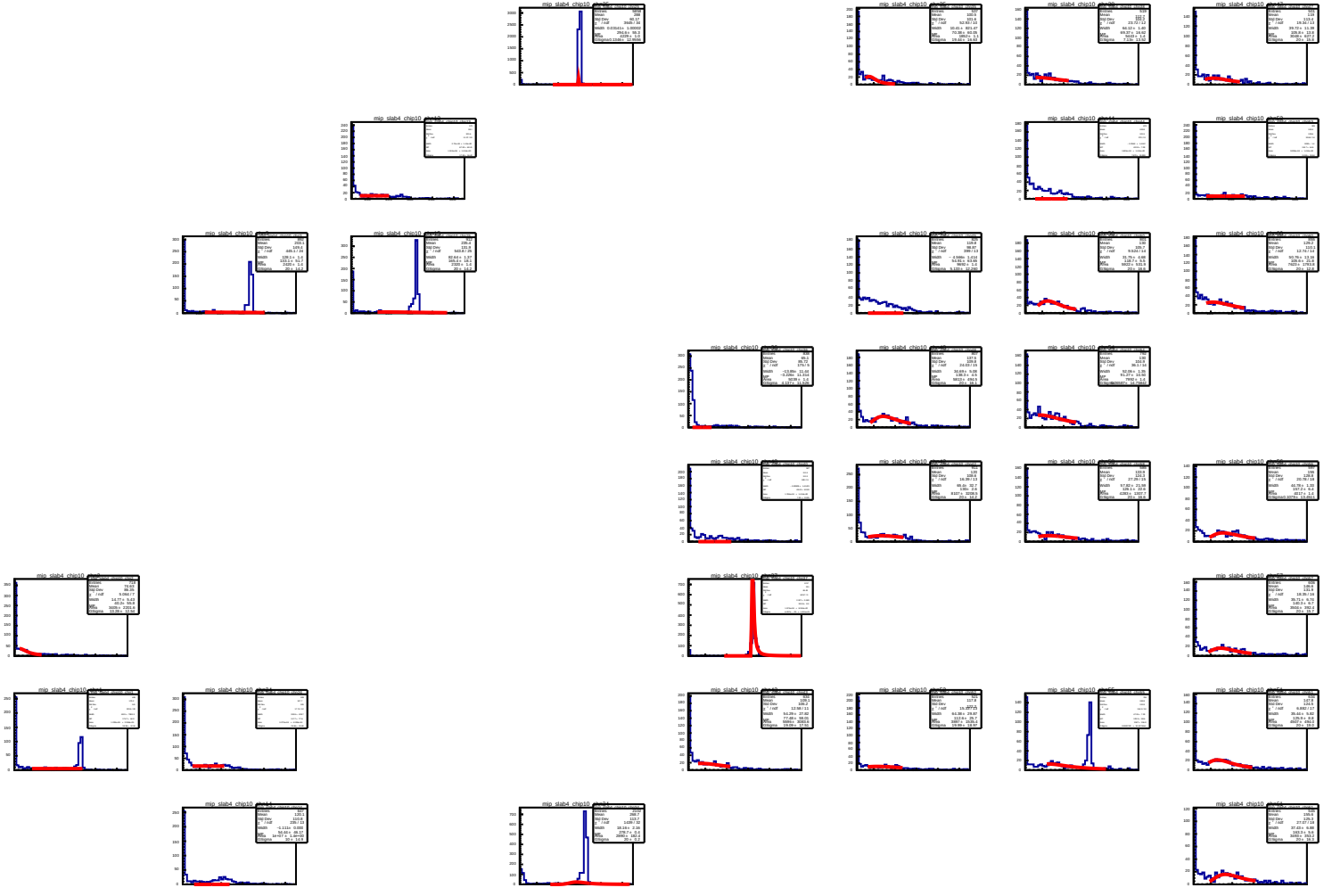
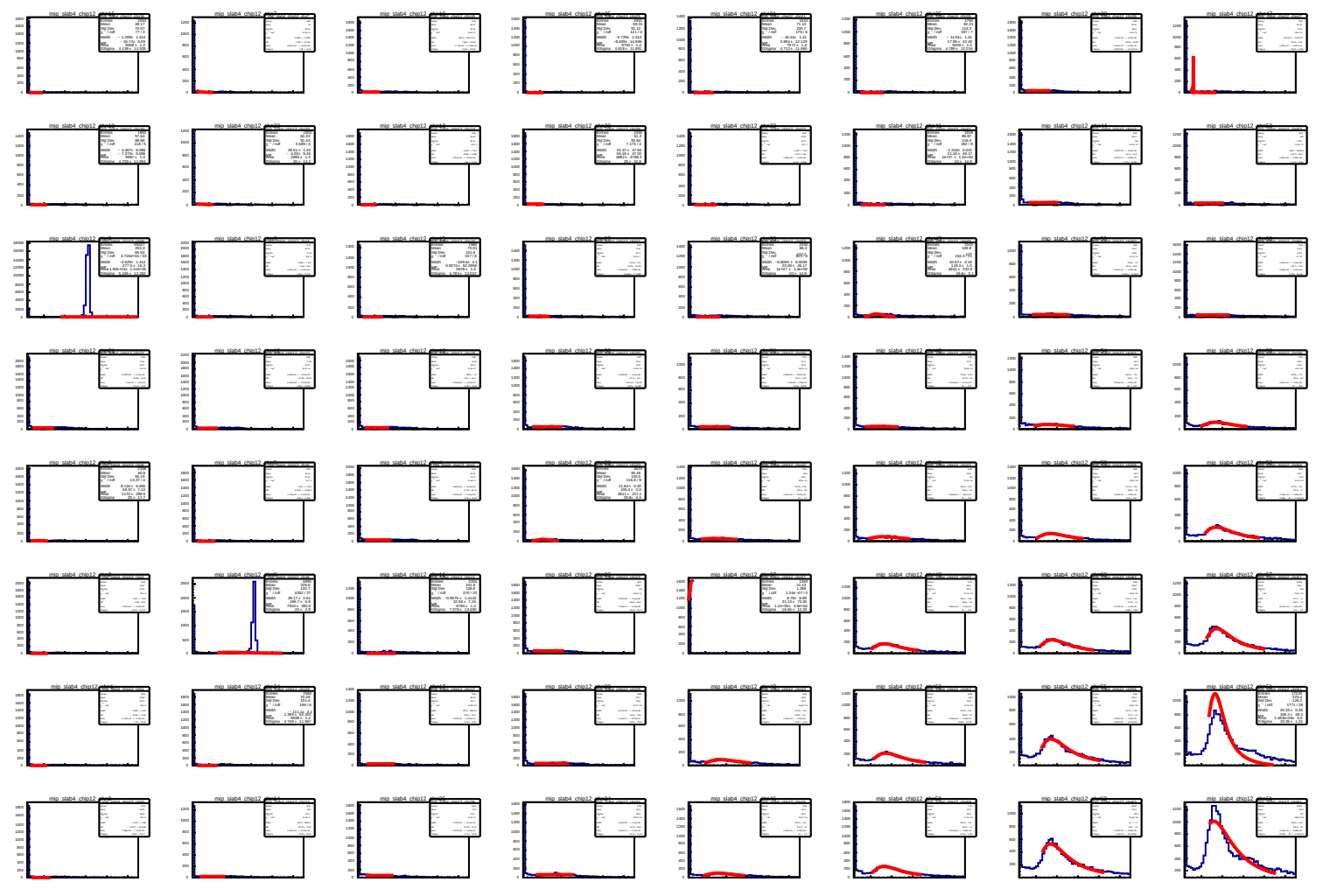
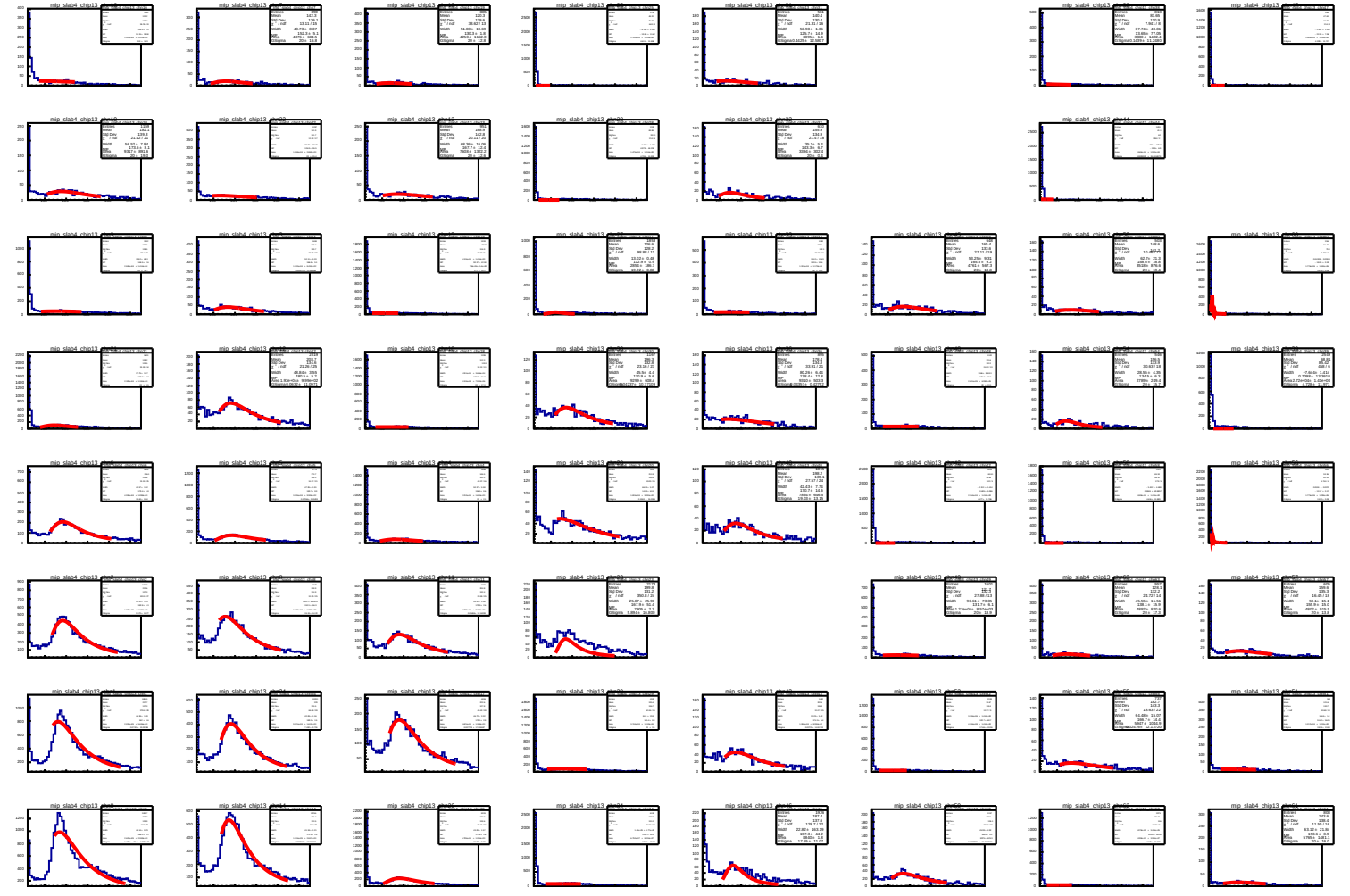
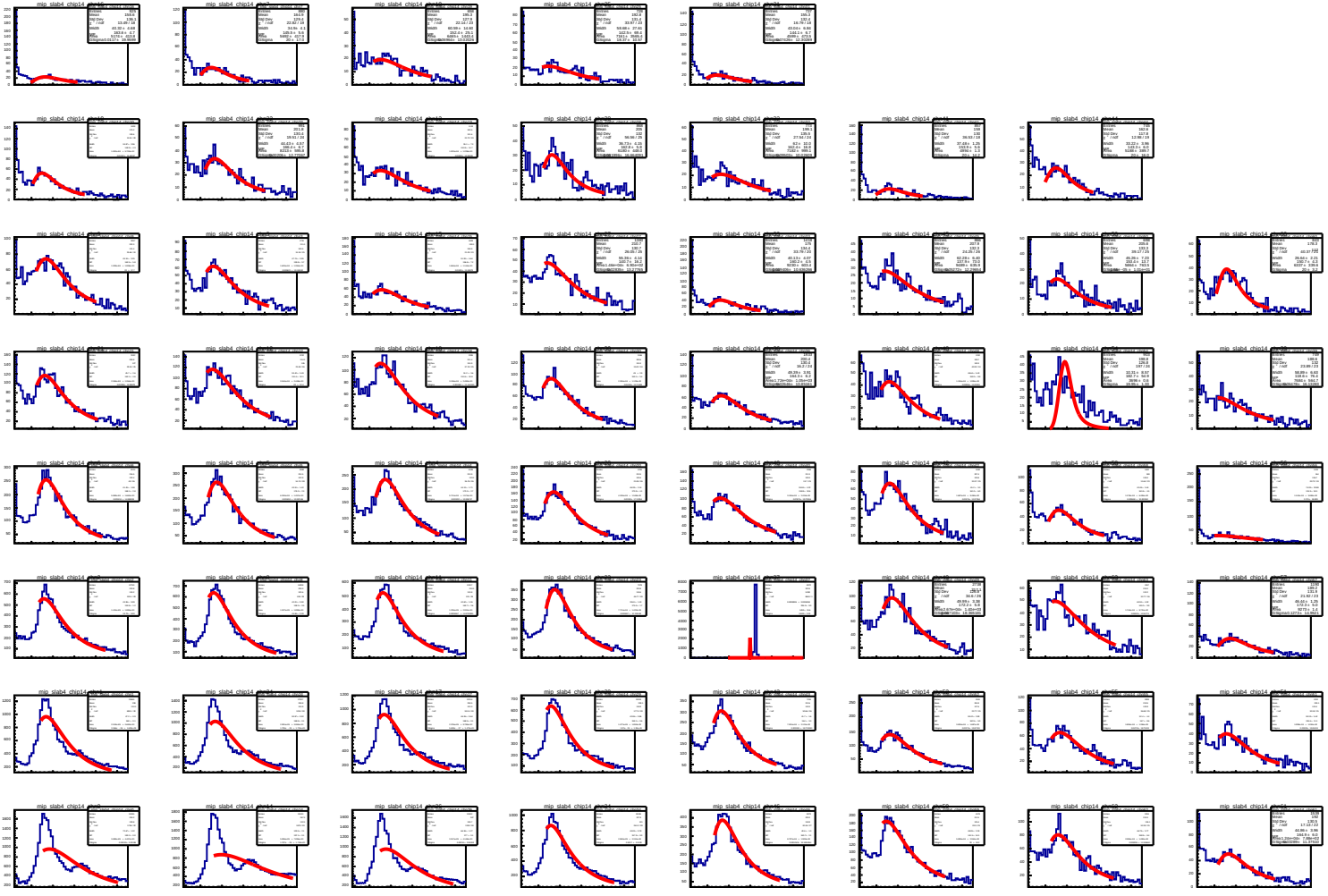
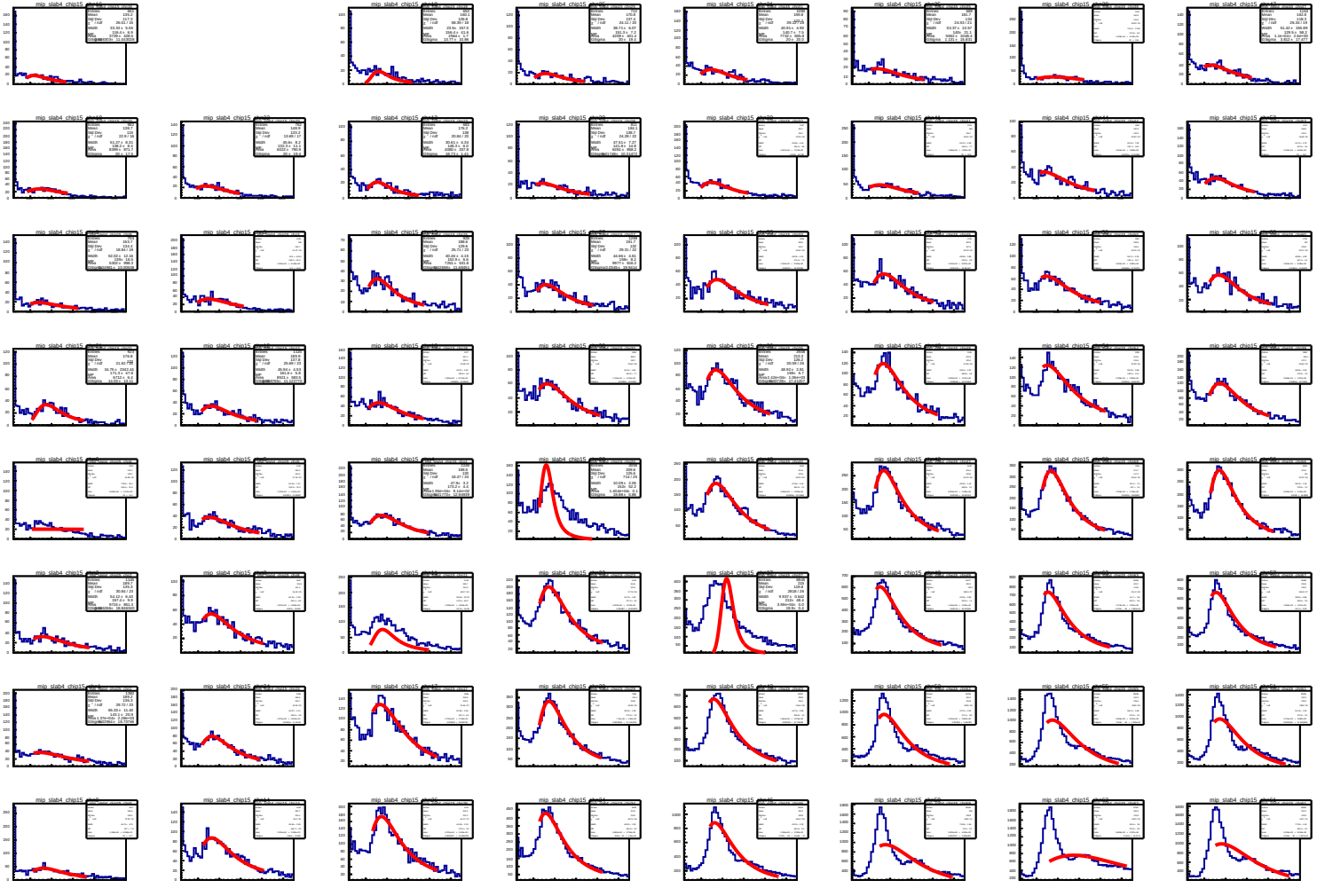

mip_slab4_chip2_ch26


mip_slab4_chip2_ch27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