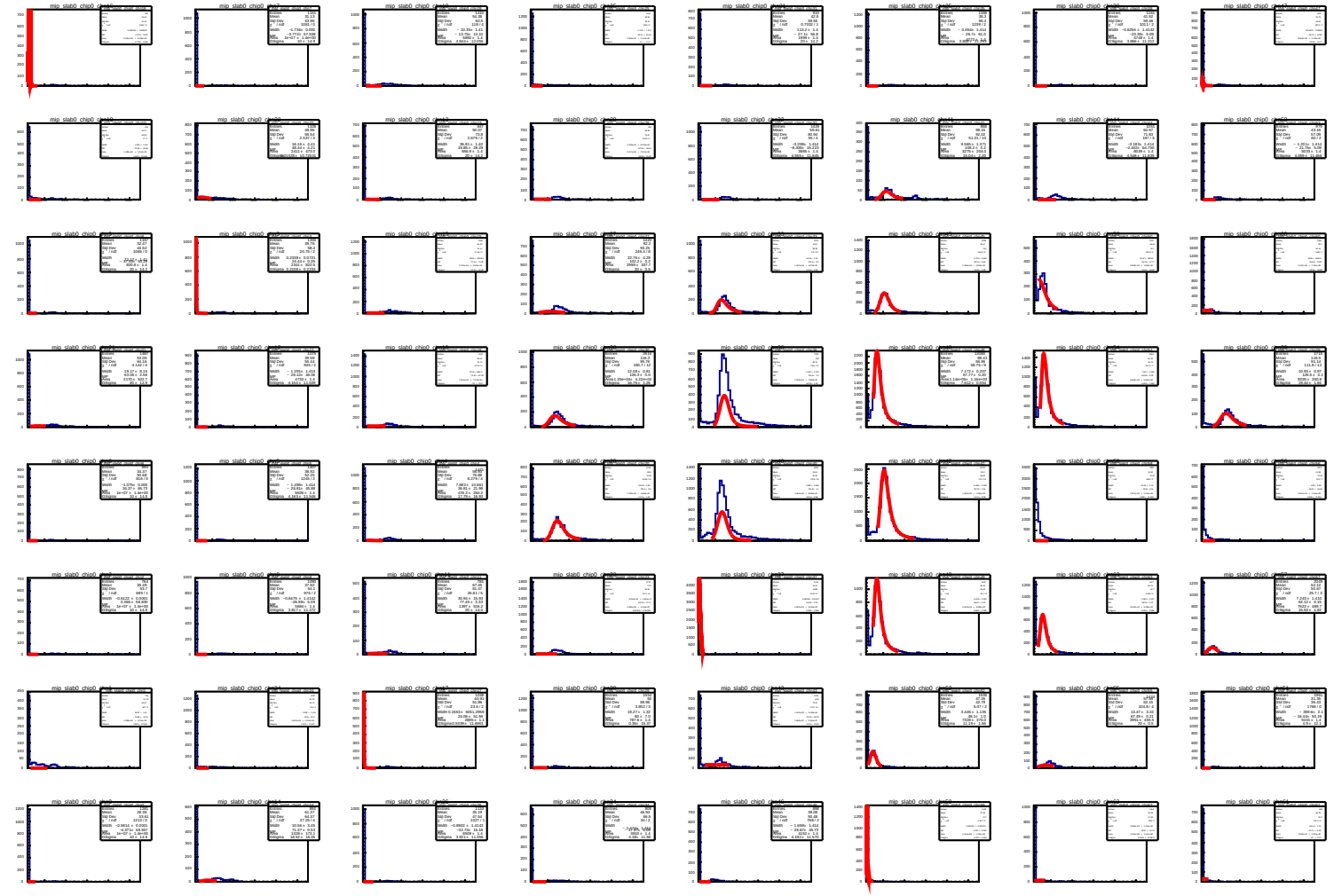
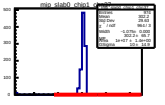
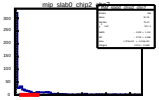
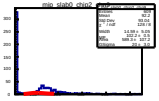



mip_slab0_chip1_ch10
Entries 1024
Mean 0.2772
RMS 0.0202
Underflow 0
Overflow 0
Integral 1024.0 ± 32.0
Skewness 0.0000
Kurtosis 0.0000
Mean x 0.2772 ± 0.0006
RMS x 0.0202 ± 0.0006
Underflow 0 ± 0.0
Overflow 0 ± 0.0
500
400
300
200
100
0


mip_slab0_chip2_chan2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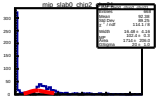
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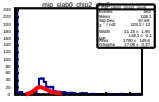
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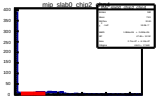
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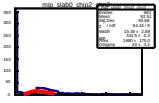
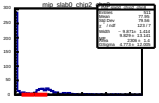
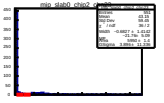
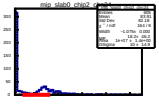
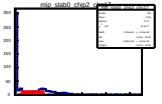

mip_slab0_chip2_chan2


mip_slab0_chip2_chan2


mip_slab0_chip2_chan2


mip_slab0_chip2_chan2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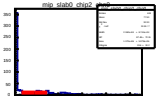
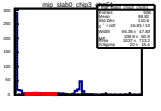
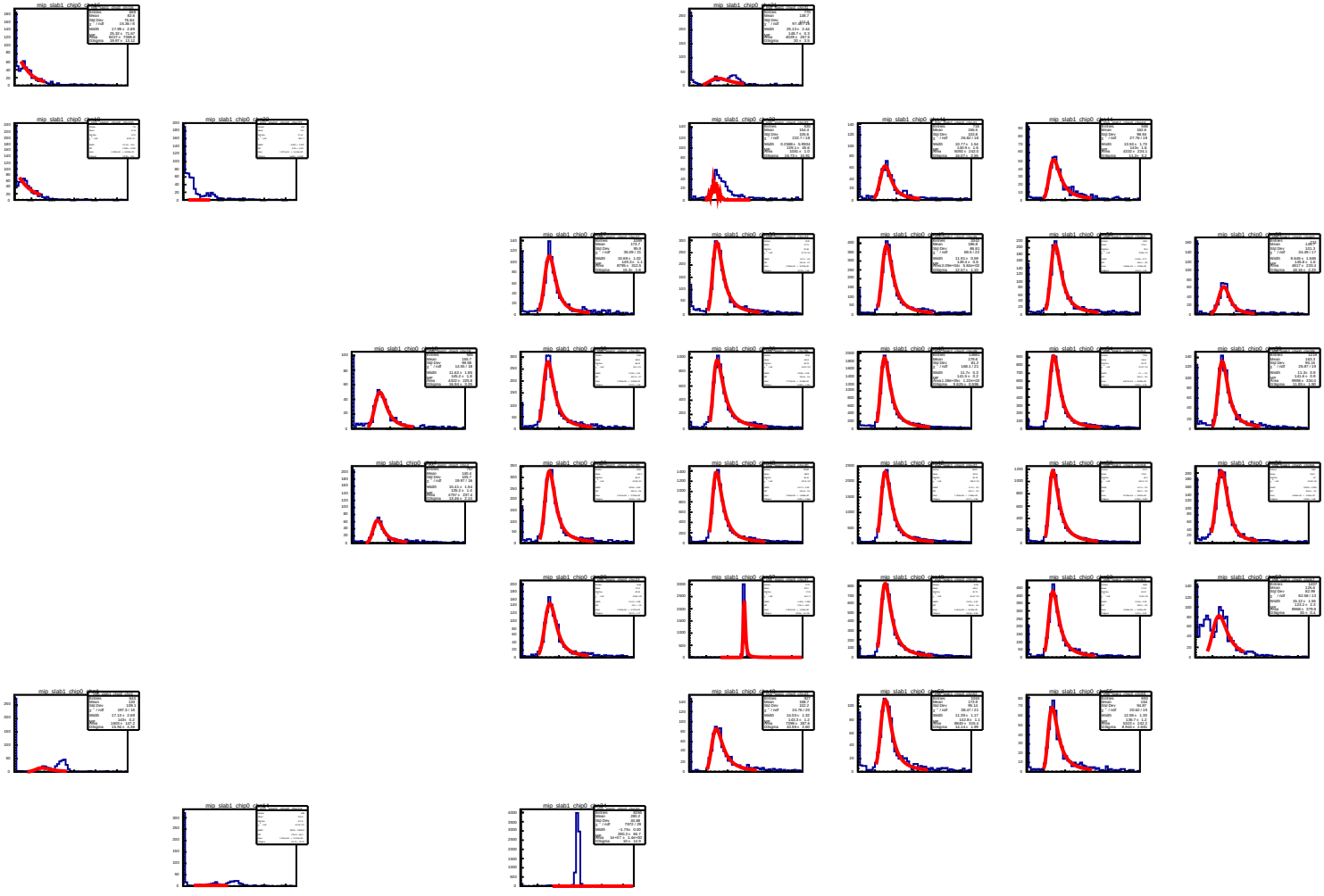
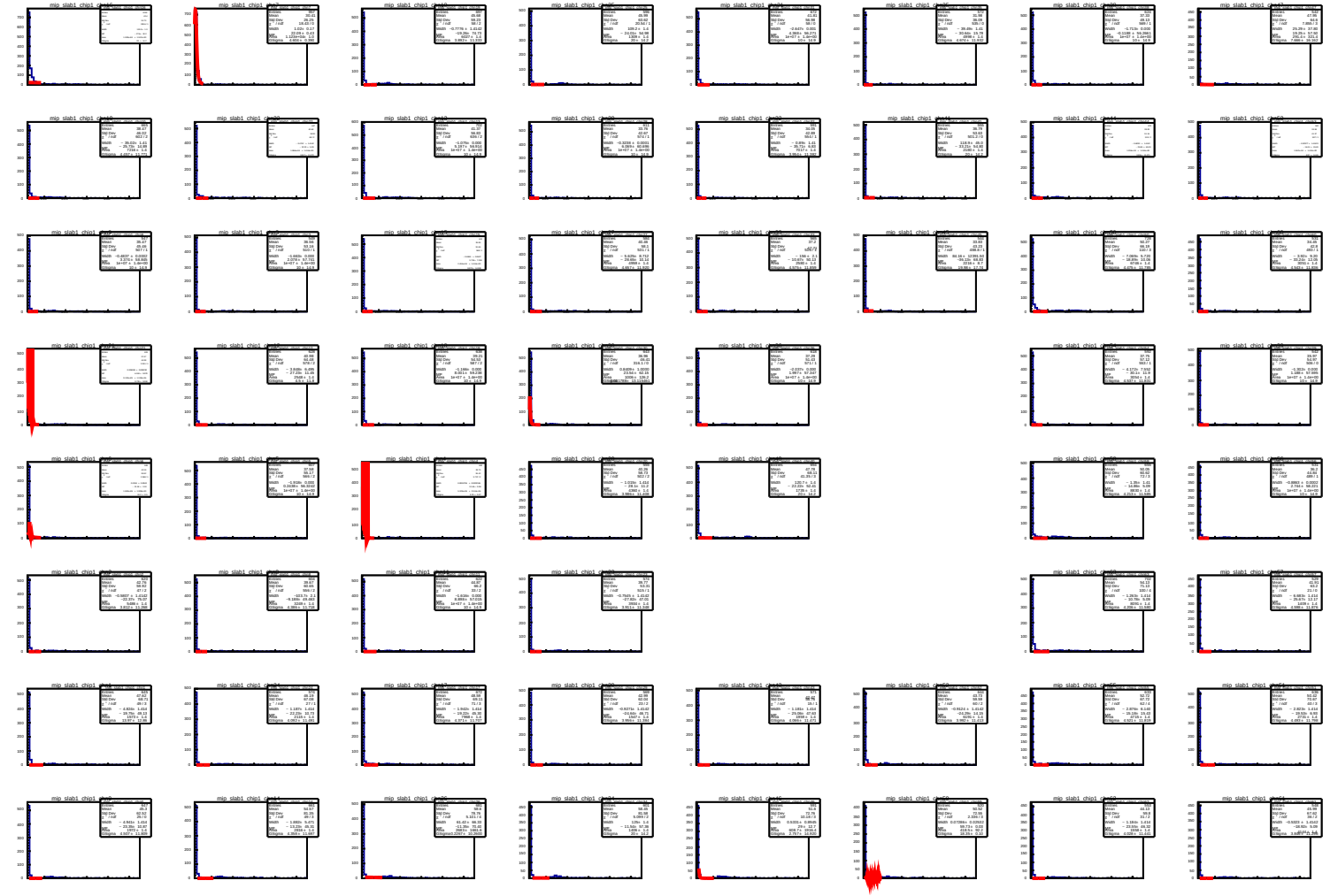
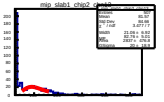
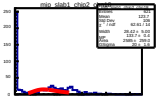

mip_slab0_chip2_chan2

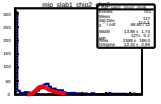

mip_slab0_chip3_stepF2
Entries 1000
Mean 55.02
Std Dev 110.9
χ² / ndf 1.e+07 / 1
p0 55.35 ± 27.65
Mean 108.8 ± 62.6
Sigma 43.77 ± 12.2
Integral 27.7 ± 7.8
300
250
200
150
100
50
0

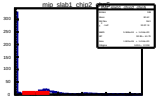


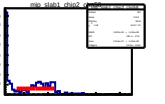


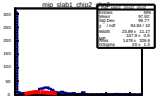

mip slab1 chip2 chan0

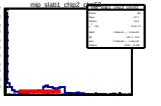

mip slab1 chip2 chan0

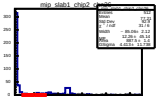

mip slab1 chip2 chan0

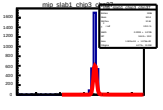

mip slab1 chip2 chan0


mip slab1 chip2 chan0

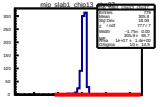

mip slab1 chip2 chan0

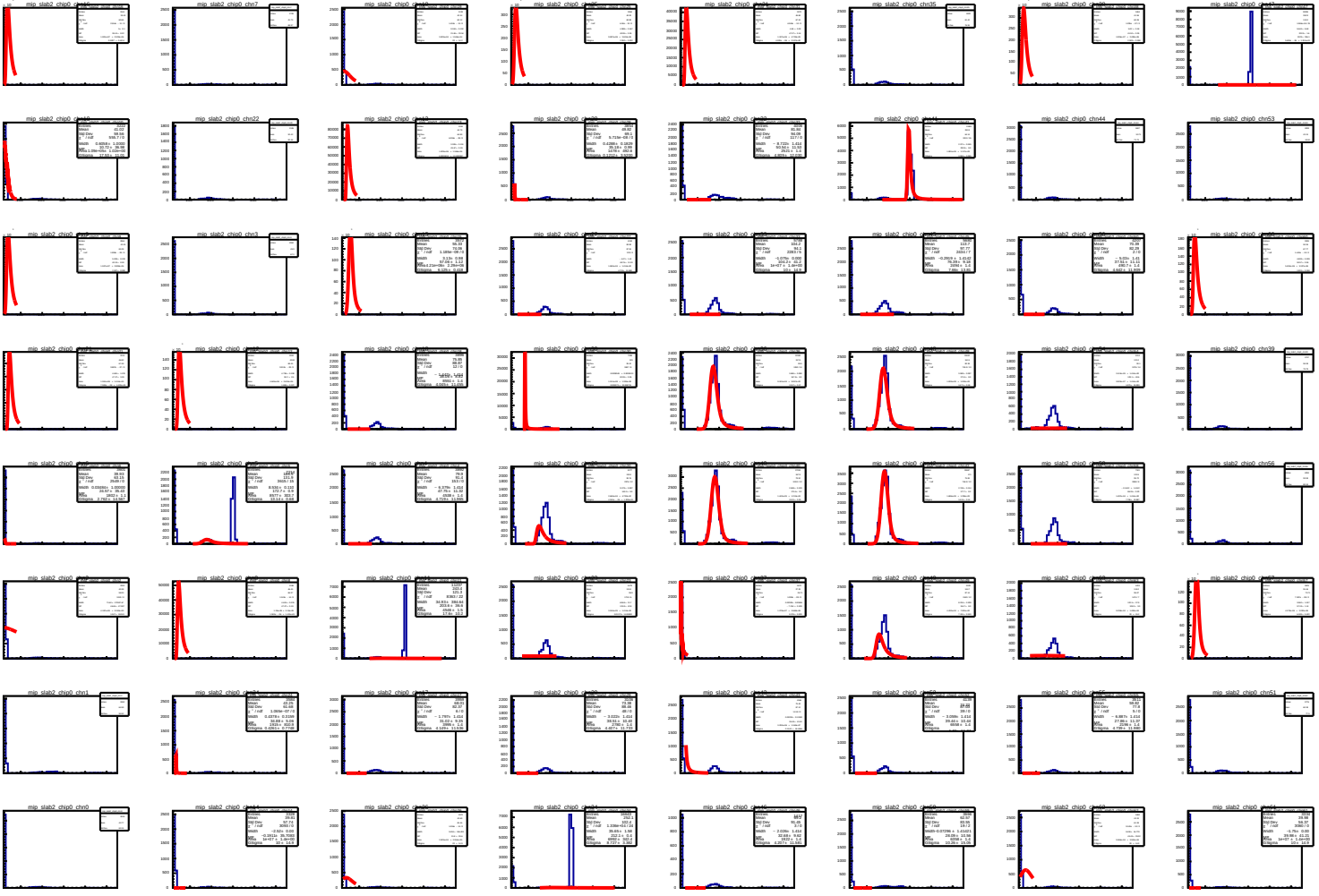

mip slab1 chip2 chan0

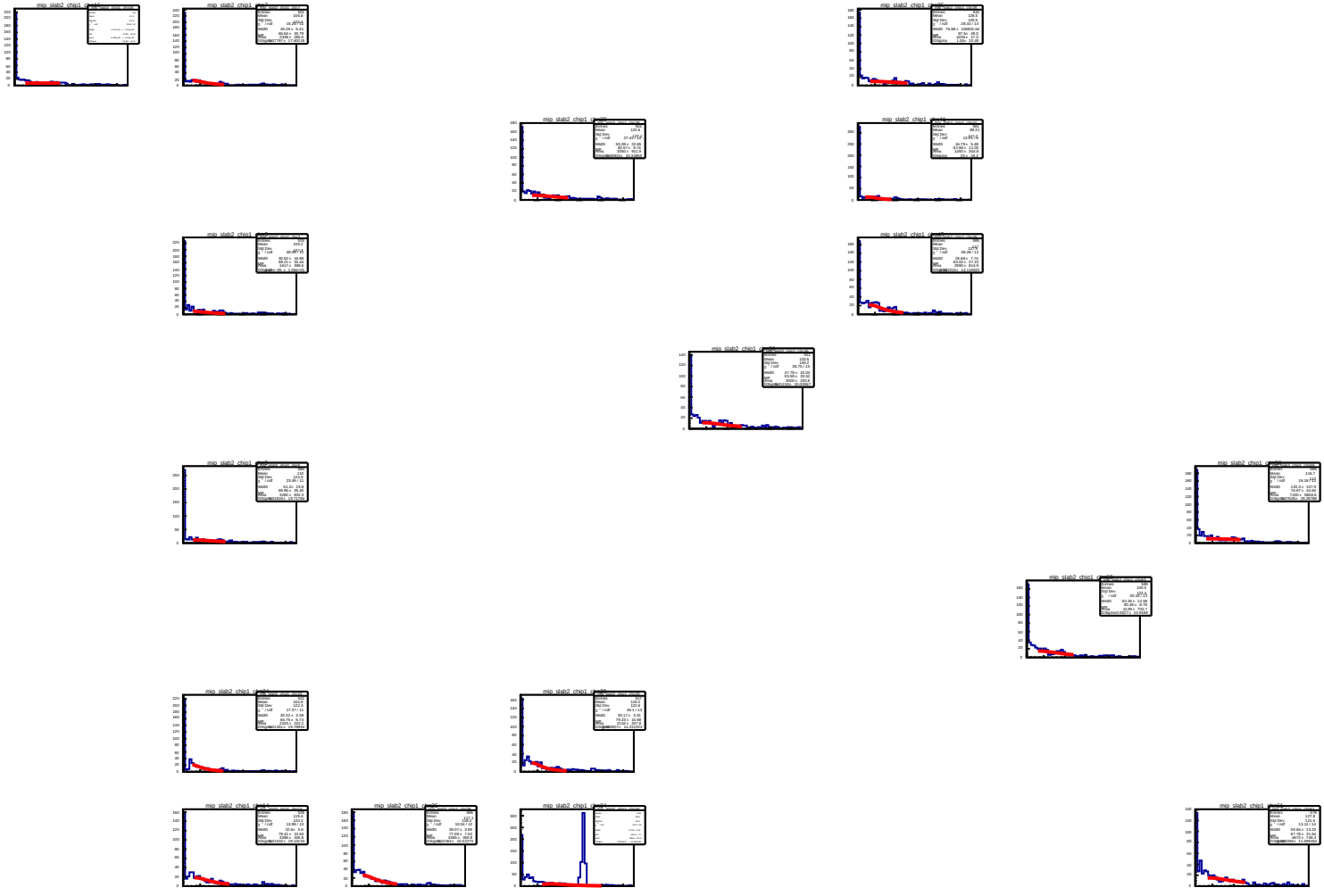

mip slab1 chip2 chan0

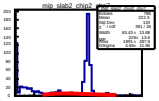

mip_slab1_chip3_ch13
1400
1200
1000
800
600
400
200
0
Statistics panel
Name mip
Entries 2000
Mean 2.000
RMS 0.000
Underflow 0
Overflow 0
Integral 2000.
Skewness 0.000
Kurtosis 0.000
Minimum 2.000
Maximum 2.000

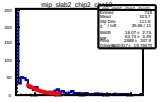
mip_slab1_chip4_cut10
Entries 214
Mean 14.4
Std Dev 14.2
χ² / ndf 362.8 / 12
Prob 0
Const 64.25 ± 3750.02
Mean −38.61 ± 1.55
Sigma 24.72 ± 1.09
Prob/dof(dof) 10.77(200)
350
300
250
200
150
100
50
0

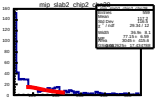

mip_slab1_chip13
Entries 1000
Mean 255.0
Std Dev 19.19
χ² / ndf 0.0 / 0
Const -1.75e 03
Mean 255.8 ± 0.6
Sigma 14.07 ± 0.58
Integral 27.1 ± 11.8
300
250
200
150
100
50
0

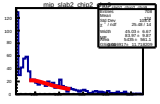


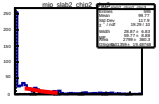


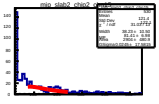

mip slab2 chip2 chan0
Entries 2512
Mean 2.01
Std Dev 1.01
χ² / ndf 391.7 / 6
Width 63.43± 13.58
Mean 1.000± 2.000
Sigma 1.000± 1.000

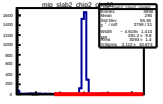

mip slab2 chip2 chan1
Entries 1312
Mean 1.01
Std Dev 0.71
χ² / ndf 39.46 / 3
Width 18.07± 2.74
Mean 0.000± 1.000
Sigma 0.000± 0.878

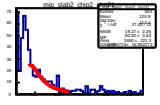

mip slab2 chip2 chan2
Entries 1312
Mean 1.01
Std Dev 0.71
χ² / ndf 29.52 / 2
Width 39.56± 8.3
Mean 77.00± 0.00
Sigma 20.81± 10.78

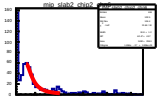

mip slab2 chip2 chan3
Entries 1312
Mean 1.01
Std Dev 0.71
χ² / ndf 25.487 / 10
Width 25.03± 9.87
Mean 0.000± 1.000
Sigma 0.000± 0.911

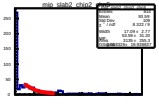

mip slab2 chip2 chan4
Entries 1312
Mean 99.77
Std Dev 1.01
χ² / ndf 15.267 / 3
Width 28.67± 8.83
Mean 99.77± 0.00
Sigma 0.000± 0.000

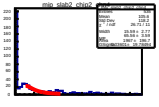

mip slab2 chip2 chan5
Entries 1312
Mean 111.4
Std Dev 1.01
χ² / ndf 31.07 / 2
Width 39.25± 10.50
Mean 29.41± 30.58
Sigma 20.81± 10.78

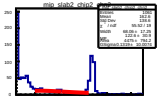

mip slab2 chip2 chan6
Entries 1312
Mean 1.01
Std Dev 0.71
χ² / ndf 37983.73
Width -0.000± 1.414
Mean 2.741± 0.0
Sigma 2.000± 0.000

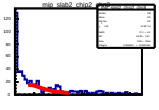

mip slab2 chip2 chan7
Entries 1312
Mean 1.01
Std Dev 0.71
χ² / ndf 27.074 / 3
Width 19.37± 7.19
Mean 0.000± 0.00
Sigma 0.000± 1.000

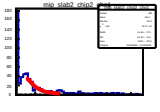

mip slab2 chip2 chan8
Entries 1312
Mean 0.00
Std Dev 0.00
χ² / ndf 0.00 / 0
Width
Mean
Sigma

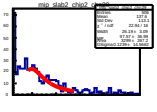

mip slab2 chip2 chan9
Entries 99.99
Mean 99.99
Std Dev 0.00
χ² / ndf 9.332 / 0
Width 17.83± 2.17
Mean 99.99± 0.00
Sigma 0.00± 0.00


mip slab2 chip2 chan10
Entries 99.99
Mean 100.0
Std Dev 0.00
χ² / ndf 26.72 / 11
Width 29.68± 2.17
Mean 100.0± 0.00
Sigma 1.00± 1.00

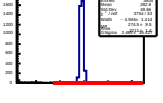

mip slab2 chip2 chan11
Entries 1312
Mean 111.4
Std Dev 1.01
χ² / ndf 55.527 / 19
Width 68.08± 17.28
Mean 12.0± 50.8
Sigma 0.000± 0.000

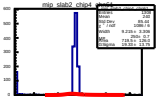

mip slab2 chip2 chan12
Entries
Mean
Std Dev
χ² / ndf
Width
Mean
Sigma

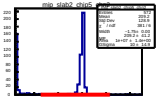

mip slab2 chip2 chan13
Entries
Mean
Std Dev
χ² / ndf
Width
Mean
Sigma

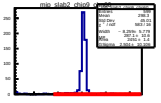

mip slab2 chip2 chan20
Entries 1312
Mean 1.01
Std Dev 1.01
χ² / ndf 1.14 / 1
Width 35.24± 3.08
Mean 97.67± 38.28
Sigma 0.000± 0.000

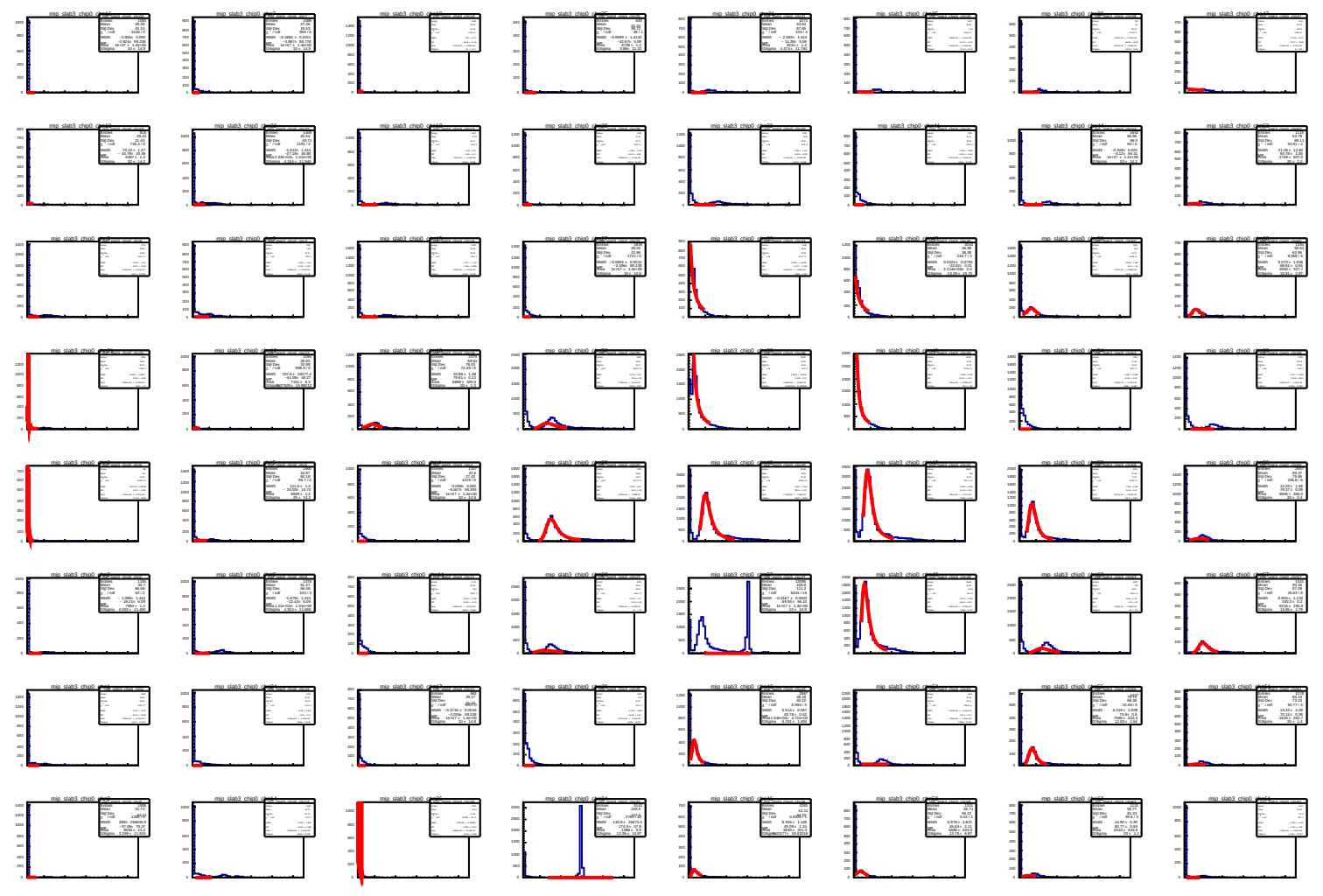
mip slab2 chip2 chan21
Entries 312
Mean 30.64
Std Dev 0.00
χ² / ndf 8.453 / 0
Width 19.15± 9.25
Mean 0.000± 0.000
Sigma 20.61± 4298.0

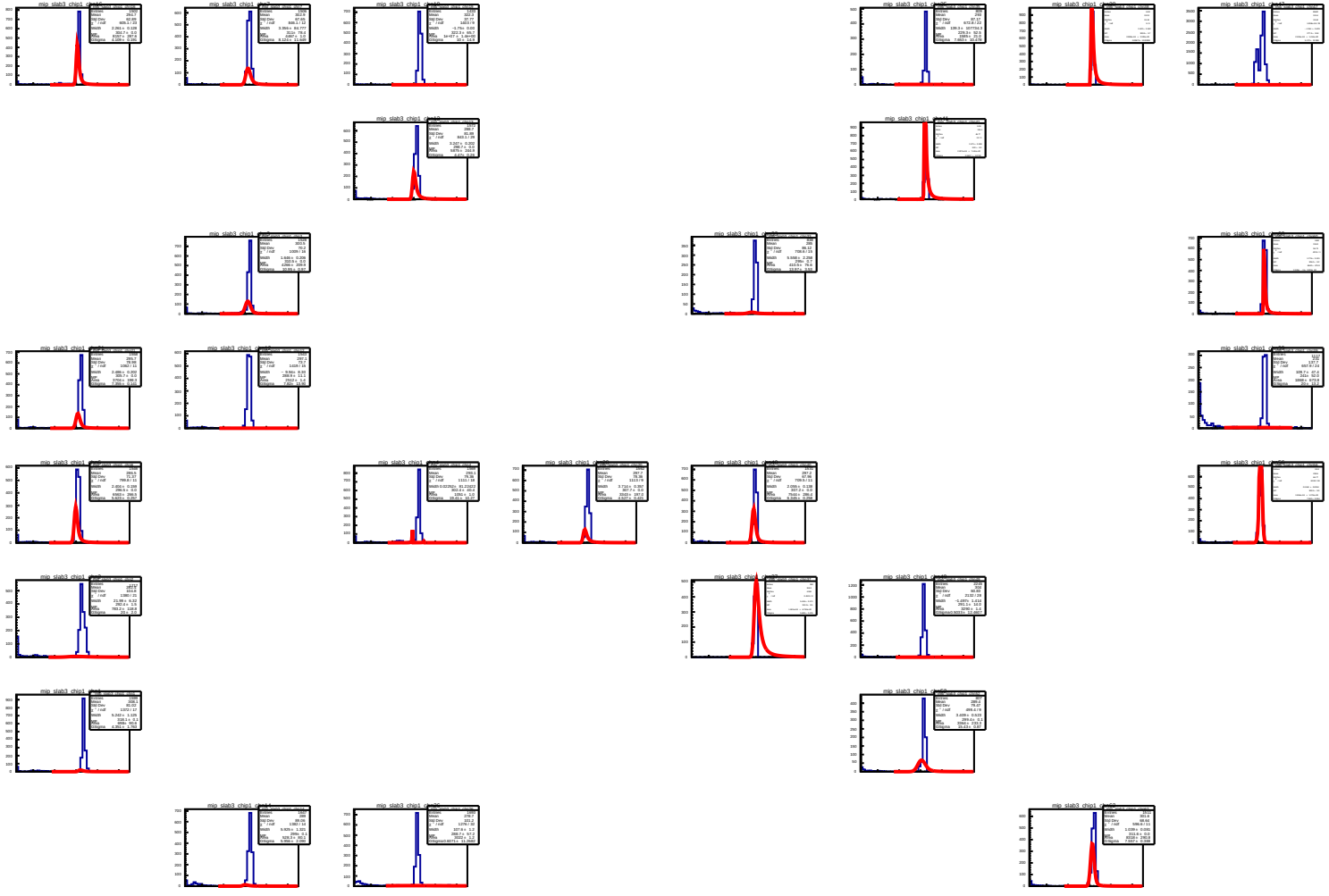

mip slab2 chip2 chan22
Entries 2512
Mean 292.8
Std Dev 0.00
χ² / ndf 3747.73
Width -0.500± 1.414
Mean 276.0± 0.0
Sigma 2.000± 0.000

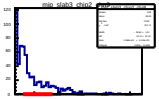

msp_stab2_chip4_ped2
Entries 1024
Mean 2.04
Std Dev 85.45
χ² / ndf 2285.7 / 6
Width 9.225 ± 9.306
Sigma 4.113 ± 0.000
Mean 119.5 ± 126.1
Sigma 28.55 ± 1.11
500
450
400
350
300
250
200
150
100
50
0
0
50
100
150
200
250
300
350
400
450
500

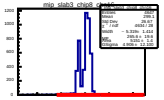

mio_slab2_chip5_ch2
Entries 512
Mean 256.4
Std Dev 11.2
Underflow 0
Overflow 0
Integral 481.0
χ² / ndf 1.75 / 0.01
Const 258.0 ± 0.0
Mean 64.00000 ± 0.0
Sigma 0.1 ± 0.0
220
200
180
160
140
120
100
80
60
40
20
0

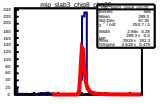

mip slab2 chip2 chan26
Entries 1000
Mean 296.3
Std Dev 10.11
χ^2 / ndf 167.7 / 12
Width 0.2ns 0.7TB
PE(1) 37.3
PE(2) 19.4
Noise 2.81pe 0.1TB
250
200
150
100
50
0

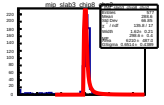


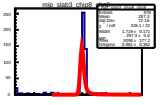


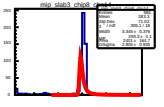

min_slab3_chi2
Entries 1000
Mean 0.0
RMS 0.0
Underflow 0.0
Overflow 0.0
Integral 1000.0
Skewness 0.0
Kurtosis 0.0
120
100
80
60
40
20
0

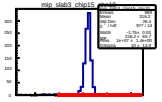

mip_slab3_chip8_chan5
Entries 1000
Mean 206.1
Std Dev 28.67
χ² / ndf 49241 / 99
Width - 9.339e - 1.414
Mean 2.000e + 2.000
MPV 5.000e + 5.0
Integral 4.000e + 2.000

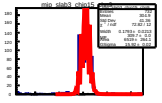

mip_slab3_chip8_chan5
Entries 1000
Mean 283.6
Std Dev 37.74
χ² / ndf 283.7 / 6
Width 2.48e - 0.25
Mean 2.000e + 2.000
MPV 2.010e + 1.912
Integral 2.010e + 2.000

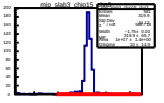

mip_slab3_chip8_chan2
Entries 1000
Mean 207.4
Std Dev 29.12
χ² / ndf 126.8 / 17
Width 1.62e - 0.21
Mean 208.6 ± 0.4
MPV 207.3 ± 0.2
Integral 6.8111 ± 0.008

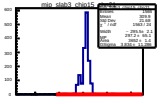

mip_slab3_chip8_chan3
Entries 1000
Mean 206.4
Std Dev 28.72
χ² / ndf 236.1 / 15
Width 1.72e - 0.21
Mean 207.3 ± 0.2
MPV 207.3 ± 0.2
Integral 6.981 ± 0.00

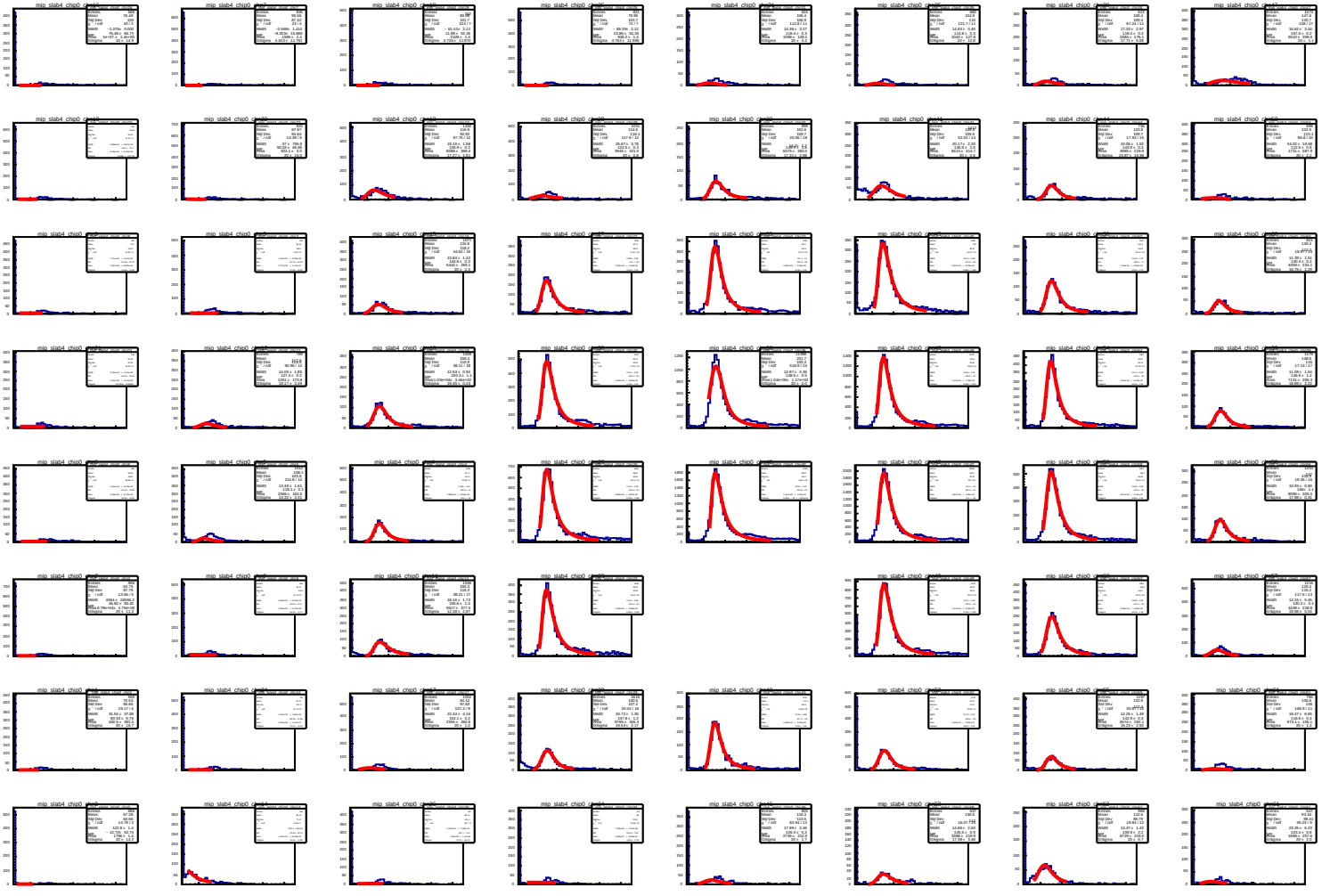

mip_slab3_chip8_chan4
Entries 1000
Mean 206.6
Std Dev 28.72
χ² / ndf 355.3 / 15
Width 3.34e - 0.309
Mean 207.3 ± 0.2
MPV 2.007e - 0.0
Integral 2.005e + 0.00

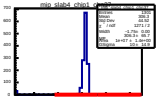

msp slab3 chip15 channel 0
Entries 1000
Mean 1020.8
Std Dev 15.18
χ² / ndf 977.7 / 18
Width -1.75± 0.60
Mean 1020.1 ± 0.1
Sigma 14.07 ± 1.04
Amplitude 16.9 ± 1.4

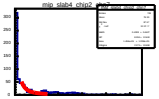

msp slab3 chip15 channel 1
Entries 1000
Mean 1010.9
Std Dev 15.18
χ² / ndf 72.07 / 21
Width 0.1793± 0.0210
Mean 1009.7 ± 0.3
Sigma 15.02 ± 0.24
Amplitude 15.9 ± 0.4

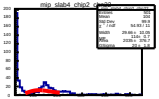

msp slab3 chip15 channel 2
Entries 1000
Mean 1010.9
Std Dev 15.18
χ² / ndf 1.8 / 1
Width -1.75± 0.60
Mean 1010.9 ± 0.1
Sigma 14.07 ± 1.04
Amplitude 16.9 ± 1.4

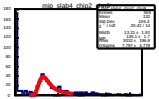

msp slab3 chip15 channel 3
Entries 1000
Mean 1019.8
Std Dev 15.18
χ² / ndf 1150.0 / 24
Width 2.9±1.4
Mean 1017.2 ± 0.3
Sigma 2.1 ± 1.0
Amplitude 1.0 ± 0.4

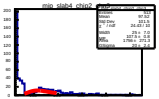


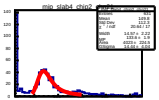

mip_slab4_chip1_ch10
Entries 1334
Mean 204.2
Std Dev 21.4
χ² / ndf 1271.12 / 1
Prob 0.00
Constant 1306.8 ± 68.9
Mean 64.7667 ± 0.1000
Sigma 21.1 ± 0.1
700
600
500
400
300
200
100
0

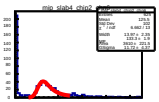

mip_slab4_chip2_ch0

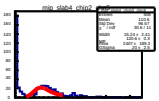

mip_slab4_chip2_ch1

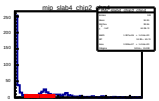

mip_slab4_chip2_ch2

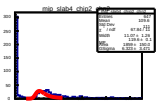

mip_slab4_chip2_ch3

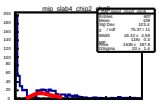

mip_slab4_chip2_ch4

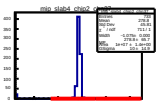

mip_slab4_chip2_ch5

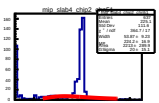

mip_slab4_chip2_ch6

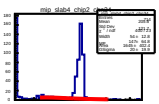

mip_slab4_chip2_ch7

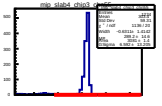

mip_slab4_chip2_ch8

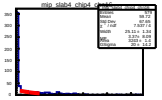

mip_slab4_chip2_ch9


mip_slab4_chip2_ch10


mip_slab4_chip2_ch11


mip_slab4_chip2_ch12


mip slab4 chip3 chan5
Entries 1000
Mean 4.018
Std Dev 59.93
Integral 1000.
Underflow 0.000
Overflow 0.000
Mean x 4.0181e-3 ± 1.895e-3
Mean y 1000.0 ± 14.0
Sigma y 59.93 ± 1.00
Chi2 / ndf 0.000 / 0.000
500
400
300
200
100
0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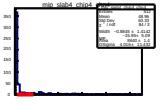
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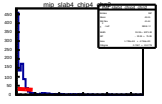
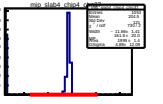

mip_slab4_chip4_chan7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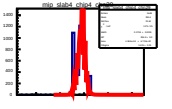
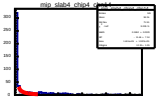
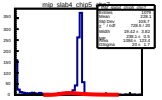
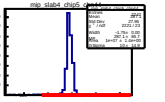
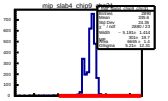
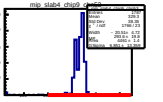

mip_slab4_chip4_chan9

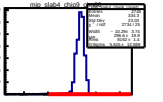

mip_slab4_chip4_chan10

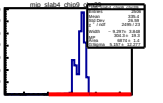

mip slab4 chip5 chan2
Entries 2000
Mean 150.4
Std Dev 150.8
χ² / ndf 728.6 / 35
Width 19.83 ± 0.16
Peak 1.000 ± 0.000
Mean 149.5 ± 0.1
Sigma 20.1 ± 0.1

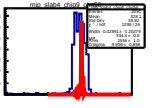

mip slab4 chip5 chan3
Entries 2000
Mean 297.1
Std Dev 222.1 ± 0.3
χ² / ndf
Width
Peak
Mean
Sigma

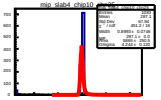

mip_slab4_chip2_chn24
Entries 2812
Mean 24.15
Std Dev 28.01
χ² / ndf 2880 / 23
Width 9.181± 3.414
Peak 1000 ± 7.4
Mean 9.241 ± 0.05
Sigma 9.241 ± 0.05

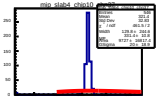

mip_slab4_chip2_chn25
Entries 2813
Mean 24.15
Std Dev 27.72
χ² / ndf 1780 / 23
Width 20.91± 0.72
Peak 2000 ± 10.4
Mean 9.851 ± 0.04
Sigma 9.851 ± 0.04

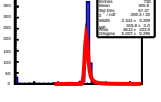

mip_slab4_chip2_chn26
Entries 2813
Mean 24.15
Std Dev 27.63 27.71
χ² / ndf 1780 / 23
Width 20.99± 0.72
Peak 2000 ± 10.4
Mean 9.858 ± 0.04
Sigma 9.858 ± 0.04

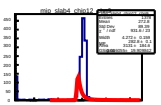

mip_slab4_chip2_chn27
Entries 2812
Mean 24.15
Std Dev 28.01
χ² / ndf 2880 / 23
Width 9.267± 0.645
Peak 1000 ± 10.4
Mean 10.01 ± 0.4
Sigma 10.01 ± 0.4


mip_slab4_chip2_chn28
Entries 2812
Mean 24.15
Std Dev 27.71
χ² / ndf 1280 / 23
Width 0.0381± 2.0707
Peak 1000 ± 10.4
Mean 10.00 ± 0.4
Sigma 0.0381 ± 0.4


mip_slab4_chip10_
Entries 2017
Mean 207.0
Std Dev 67.16
χ² / ndf 251.2 / 14
Width 0.0000 ± 0.0136
Mean 0.0000 ± 0.0000
NDF 14.00 ± 14.00
Integral 4.7424 ± 0.1066


mip_slab4_chip10_
Entries 1000
Mean 201.4
Std Dev 16.57
χ² / ndf 46.3 / 2
Width 129.8 ± 24.6
201.4 ± 12.8
NDF 97.27 ± 10.27
Integral 31 ± 12.8


mip_slab4_chip10_
Entries 1000
Mean 160.7
Std Dev 10.47
χ² / ndf 259.3 / 10
Width 2.341 ± 0.209
Mean 160.7 ± 0.3
NDF 10.00 ± 10.00
Integral 6.557 ± 0.156


mbp sbd4 chm17
Entries 7330
Mean 272.8
Std Dev 9.127
χ² / ndf 931.8 / 23
Width 4.272 ± 0.108
Mean 272.7 ± 0.1
Area 2847 ± 8.3
Prob 0.000e+00
Constant 2.000e+03
450
400
350
300
250
200
150
100
50
0