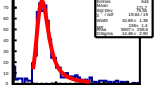
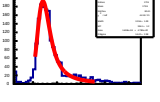
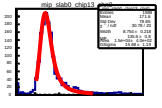
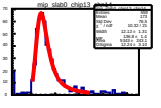
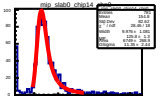
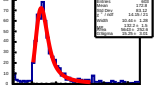

mip slab0 chip12 channel0
Entries 1024
Mean 19.62
Std Dev 19.62 / 19
χ² / ndf 1.39
Width 10.89 ± 1.39
Area 1.00
MPV 9997.7 ± 249.0
Sigma 10.89 ± 0.00

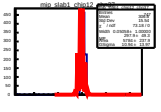

mip slab0 chip12 channel0

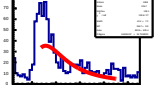

msp slab0 chip13 ch0
Entries 7000
Mean 72.16
RMS 7.14
χ² / ndf 30.78 / 19
Width 8.754 ± 0.218
Mean 72.16 ± 0.08
Area 1.5e+03 ± 2.0e+02
Sigma 15.66 ± 0.15

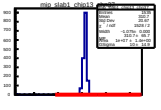

msp slab0 chip13 ch14
Entries 7000
Mean 71.5
RMS 7.14
χ² / ndf 10.37 / 15
Width 12.32 ± 1.10
Mean 71.5 ± 0.08
Area 5.52e+02 ± 2.0e+02
Sigma 12.24 ± 1.14

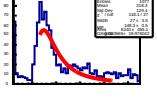

msp_slab0_chip14_adc
Entries 1000
Mean 39.63
Std Dev 11.08
χ² / ndf 26.80 / 18
Width 9.976 ± 1.201
Sigma 11.08 ± 0.61
Mean 6.728 ± 240.9
Integral 11.36 ± 7.21
100
80
60
40
20
0

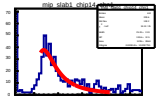

mip_slab0_chip15_ped3b
Entries 2312
Mean 2.57
Underflow 0
Overflow 0
χ² / ndf 11.20 / 11
Width 10.60 ± 1.16
Sigma 0.42 ± 0.03
MPV 50.07 ± 0.03
Integral 25.34 ± 0.14

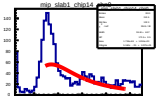

mip_slab1_chip12_chan32
Entries 2000
Mean 28.14
Std Dev 75.03
Landau 3.300000
1297.8± 68.8
MPV 28.14
Sigma 32.92± 11.07
450
400
350
300
250
200
150
100
50
0

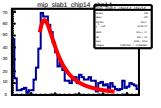

mip_slab1_chip12_chan36
Entries 2000
Mean 28.14
Std Dev 75.03
Landau 3.300000
1297.8± 68.8
MPV 28.14
Sigma 32.92± 11.07
75
60
45
30
15
0

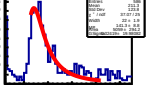

mip_slab1_chip13_chan2
Entries 1114
Mean 0.1114
Mean x 0.1114
Std Dev 0.0014
Std Dev x 0.0014
Integral 1114.0
Skewness 0.2756± 0.0202
Kurtosis 1313.7± 60.37
MPV 54.0000 ± 0.0000
Sigma 27.5 ± 11.0
900
800
700
600
500
400
300
200
100
0

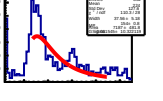

mip_slab1_chip13_chan1
Entries 2000
Mean 0.0000
Mean x 0.0000
Std Dev 0.0000
Std Dev x 0.0000
Integral 1117.0
Skewness 77 ± 3.5
Kurtosis 1117.0 ± 0.0
MPV 0.0000 ± 0.0000
Sigma 0.0000 ± 0.0000
80
70
60
50
40
30
20
10
0

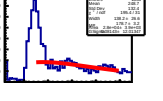

mip slab1 chip14 chan1
Entries 1000
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
Integral 1000
Skewness 0.0
Kurtosis 0.0
Constant 1000.0
Mean 0.0
Sigma 0.0
Chi2 / ndf 0.0 / 0
Prob 0.0
Constant 0.0
Mean 0.0
Sigma 0.0

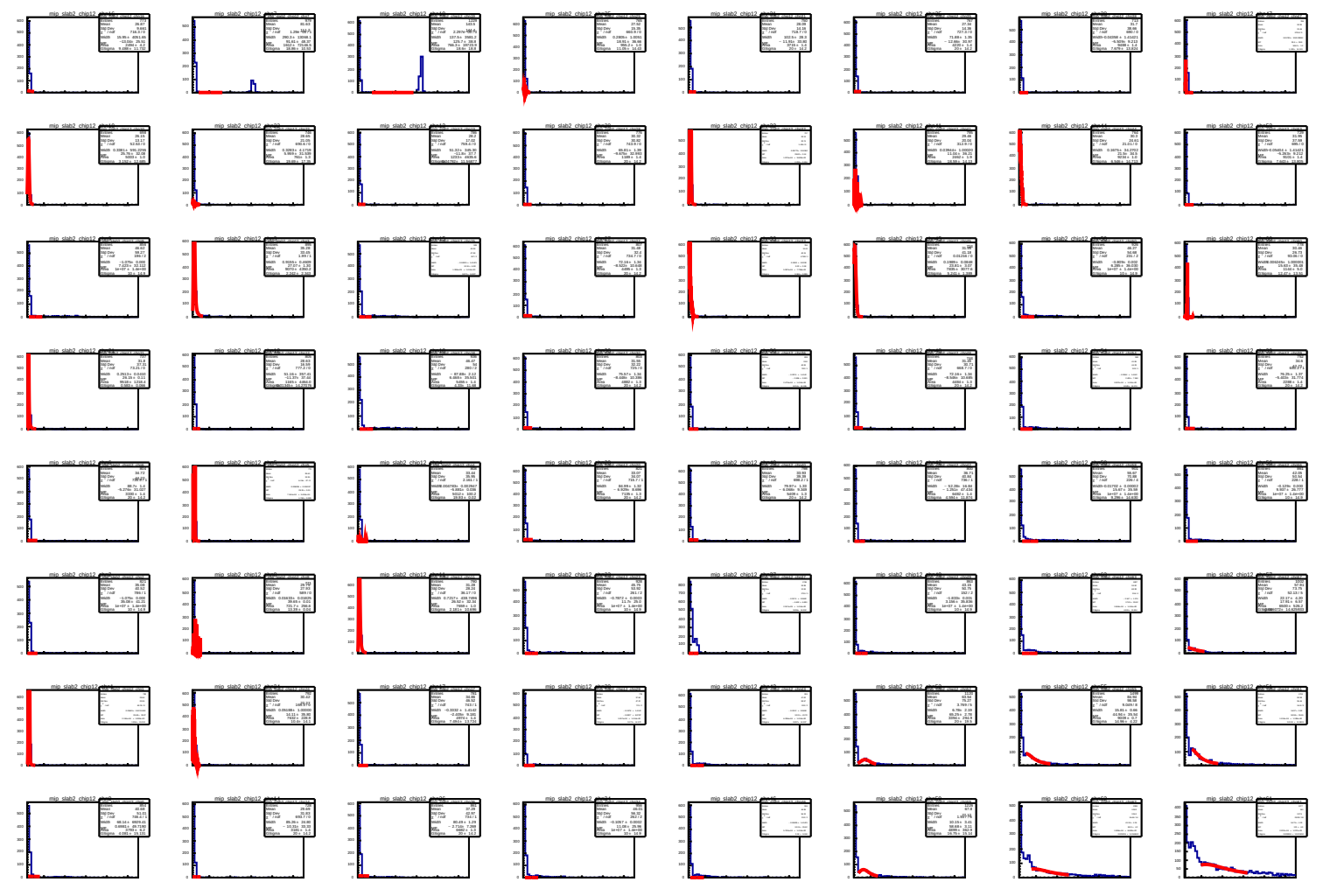

mip slab1 chip14 chan2
Entries 1000
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
Integral 1000
Skewness 0.0
Kurtosis 0.0
Constant 1000.0
Mean 0.0
Sigma 0.0
Chi2 / ndf 0.0 / 0
Prob 0.0
Constant 0.0
Mean 0.0
Sigma 0.0

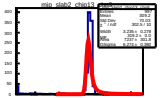

mip slab1 chip14 chan3
Entries 1000
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
Integral 1000
Skewness 0.0
Kurtosis 0.0
Constant 1000.0
Mean 0.0
Sigma 0.0
Chi2 / ndf 0.0 / 0
Prob 0.0
Constant 0.0
Mean 0.0
Sigma 0.0

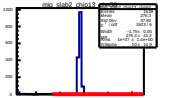

mip slab1 chip15 chan5
Entries 1000
Mean 122.2
Std Dev 122.8
χ² / ndf 37.74 / 14
Width 10.4 ± 1.6
MPV 110.3 ± 8.8
Area 1.0e+04 ± 1.0e+03
Sigma/MPV/Area: 10.0000

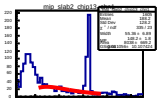

mip slab1 chip15 chan4
Entries 1000
Mean 110.2
Std Dev 110.8
χ² / ndf 110.3 / 19
Width 37.96 ± 9.38
MPV 71.07 ± 10.9
Area 2.7e+03 ± 2.6e+03
Sigma/MPV/Area: 10.0000

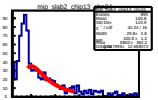

mip slab1 chip15 chan6
Entries 1000
Mean 150.7
Std Dev 149.2
χ² / ndf 136.17 / 7
Width 18.2 ± 26.6
MPV 136.1 ± 17.1
Area 2.4e+04 ± 3.6e+03
Sigma/MPV/Area: 10.0000

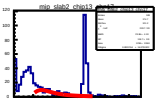


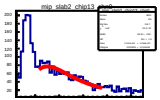

mip slab2 chip13 chan0
Entries 1000
Mean 309.2
Std Dev 12.12
χ² / ndf 302.7 / 13
Width 3.336 ± 0.278
Peak 309.4 ± 0.3
Area 1.01e+ 3 ± 0.0
Integral 1.01e+ 3 ± 0.0

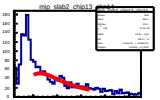

mip slab2 chip13 chan1
Entries 1000
Mean 276.3
Std Dev 3.12
χ² / ndf 1023 / 6
Width 0.750 ± 0.00
Peak 276.3 ± 0.0
Area 1.e+ 3 ± 0.0
Integral 1.e+ 3 ± 0.0

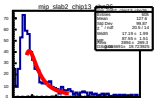

mip slab2 chip13 chan2
Entries 1000
Mean 103.2
Std Dev 103.2
χ² / ndf 1.e+ 3 / 0
Width 55.36 ± 0.00
Peak 148.2 ± 1.6
Area 1.00e+ 3 ± 0.0
Integral 1.00e+ 3 ± 0.0

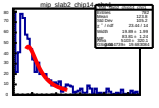

mip slab2 chip13 chan3
Entries 1000
Mean 102.2
Std Dev 112.6
χ² / ndf 1.e+ 3 / 0
Width 29.04 ± 0.0
Peak 100.6 ± 1.3
Area 1.00e+ 3 ± 0.0
Integral 1.00e+ 3 ± 0.0

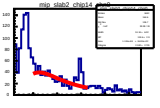

mip slab2 chip13 chan4
Entries 1000
Mean 102.2
Std Dev 112.6
χ² / ndf 1.e+ 3 / 0
Width 29.04 ± 0.0
Peak 100.6 ± 1.3
Area 1.00e+ 3 ± 0.0
Integral 1.00e+ 3 ± 0.0

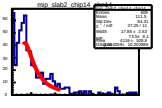

mip slab2 chip13 chan5
Entries 1000
Mean 102.2
Std Dev 112.6
χ² / ndf 1.e+ 3 / 0
Width 29.04 ± 0.0
Peak 100.6 ± 1.3
Area 1.00e+ 3 ± 0.0
Integral 1.00e+ 3 ± 0.0

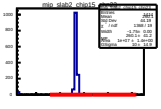

mip slab2 chip13 chan6
Entries 1000
Mean 102.2
Std Dev 112.6
χ² / ndf 1.e+ 3 / 0
Width 29.04 ± 0.0
Peak 100.6 ± 1.3
Area 1.00e+ 3 ± 0.0
Integral 1.00e+ 3 ± 0.0

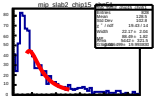

mip slab2 chip13 chan7
Entries 1000
Mean 102.2
Std Dev 112.6
χ² / ndf 1.e+ 3 / 0
Width 29.04 ± 0.0
Peak 100.6 ± 1.3
Area 1.00e+ 3 ± 0.0
Integral 1.00e+ 3 ± 0.0

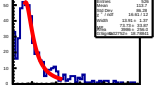

mip_slab2_chip14_chn1
Entries 1000
Mean 33.12
Std Dev 33.12
χ² / ndf 29.00 / 19
Peak 19.80 ± 1.94
Mean 33.60 ± 1.24
Sigma 10.00 ± 0.80
Integral 1000.0 ± 30.0

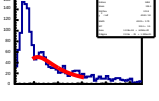

mip_slab2_chip14_chn2

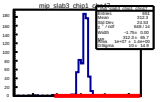

mip_slab2_chip14_chn14
Entries 1000
Mean 14.12
χ² / ndf 27.26 / 17
Width 17.85 ± 2.53
Peak 41.00 ± 3.00
Sigma 6.00 ± 0.50
Integral 1000.0 ± 32.0

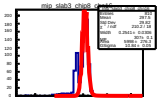

mip_slab2_chip15_chan13
Entries 2601
Mean 2.7
Std Dev 1380.18
χ² / ndf 0.0
Width -1.7±- 0.01
Sigma 21.1 ± 21.2
MPV 14.07 ± 0.01
Integral 0.0 ± 0.0

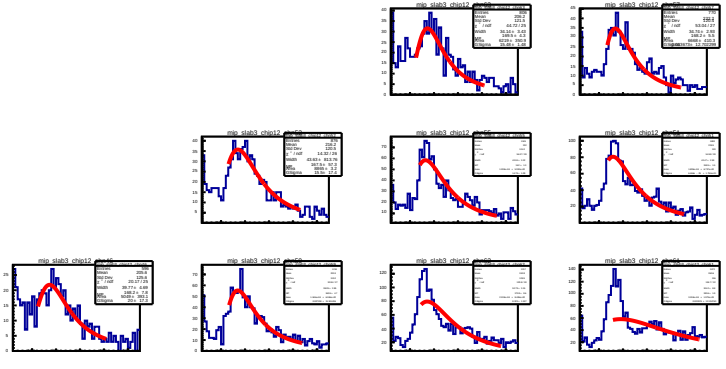

mip_slab2_chip15_chan14
Entries 1324
Mean 102.9
Std Dev 102.8
χ² / ndf 0.0
Width 33.27 ± 2.44
Sigma 66.95 ± 1.92
MPV 70.17 ± 0.03
Integral 9.0 ± 0.0

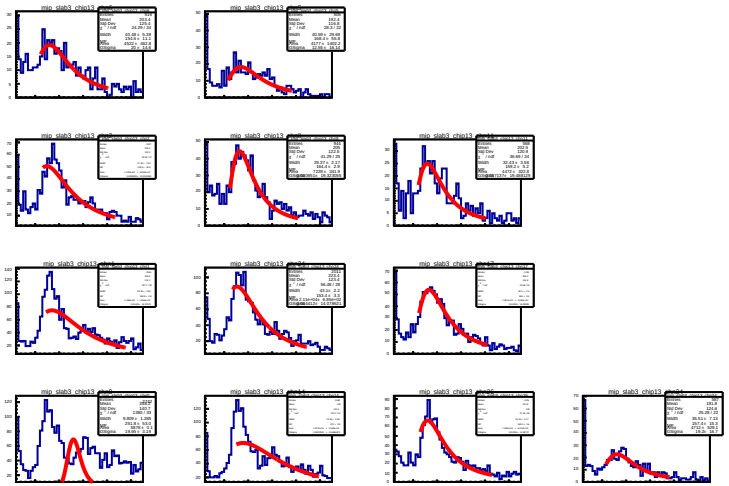

mip_slab2_chip15_chan15
Entries 1127
Mean 20.22
Std Dev 16.67 ± 1.0
Width 13.55 ± 1.37
Sigma 8.34 ± 0.68
MPV 20.65 ± 2.04
Integral 4.0 ± 0.0


mip_slab2_chip15_chan16
Entries 1
Mean 0
Std Dev 0
χ² / ndf 0.0
Width 0.0 ± 0.0
Sigma 0.0 ± 0.0
MPV 0.0 ± 0.0
Integral 0.0 ± 0.0


mip_slab3_phist_clust3
Entries 3000
Mean 3.03
Std Dev 23.78
χ² / ndf 608.74
Width 14.7fm 0.0%
Peak 1.000 0.0%
Area Int=27.2 1.6e+05
Origin 0.0+-0.0


msp_slab3_chip8_c4x16
Statistics
Entries 29 K
Mean 29.62
RMS 210.2 / 59
Underflow 0
Overflow 0
Integral 29.62 ± 0.18
200
180
160
140
120
100
80
60
40
20
0


mip_slab3_chip12_chan52
Entries 1024
Mean 222.4
Std Dev 64.707 ± 0.4
χ² / ndf 64.707 / 29
Width 31.14 ± 0.43
MPV 149.6 ± 0.3
Area 1.0e+04 ± 0.0
Sigma 10.49 ± 0.08
mip_slab3_chip12_chan53
Entries 1024
Mean 232.7
Std Dev 53.04 ± 0.4
χ² / ndf 53.04 / 27
Width 31.71 ± 2.91
MPV 140.2 ± 5.5
Area 1.0e+04 ± 0.0
Sigma 10.72 ± 0.09
mip_slab3_chip12_chan54
Entries 1024
Mean 202.2
Std Dev 120.9
χ² / ndf 47.17 / 21
Width 43.61 ± 30.5 %
MPV 167.5 ± 32.3
Area 1.0e+04 ± 0.0
Sigma 18.95 ± 7.2
mip_slab3_chip12_chan55
mip_slab3_chip12_chan56
mip_slab3_chip12_chan57
Entries 1024
Mean 239.8
Std Dev 20.17 ± 0.6
χ² / ndf 20.17 / 19
Width 38.77 ± 8.99
MPV 187.1 ± 1.1
Area 9.0e+03 ± 300.1
Sigma 20 ± 0.7
mip_slab3_chip12_chan58
mip_slab3_chip12_chan59
mip_slab3_chip12_chan60
mip_slab3_chip12_chan61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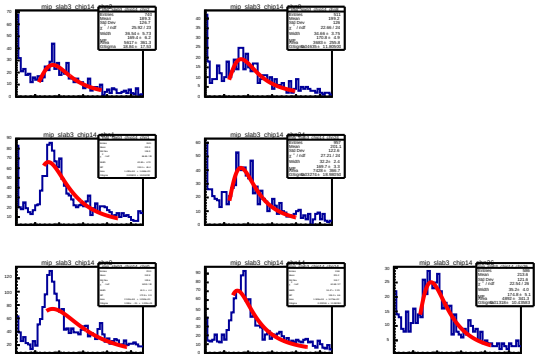
mip_slab3_chip14_strip1
mip_slab3_chip14_strip2
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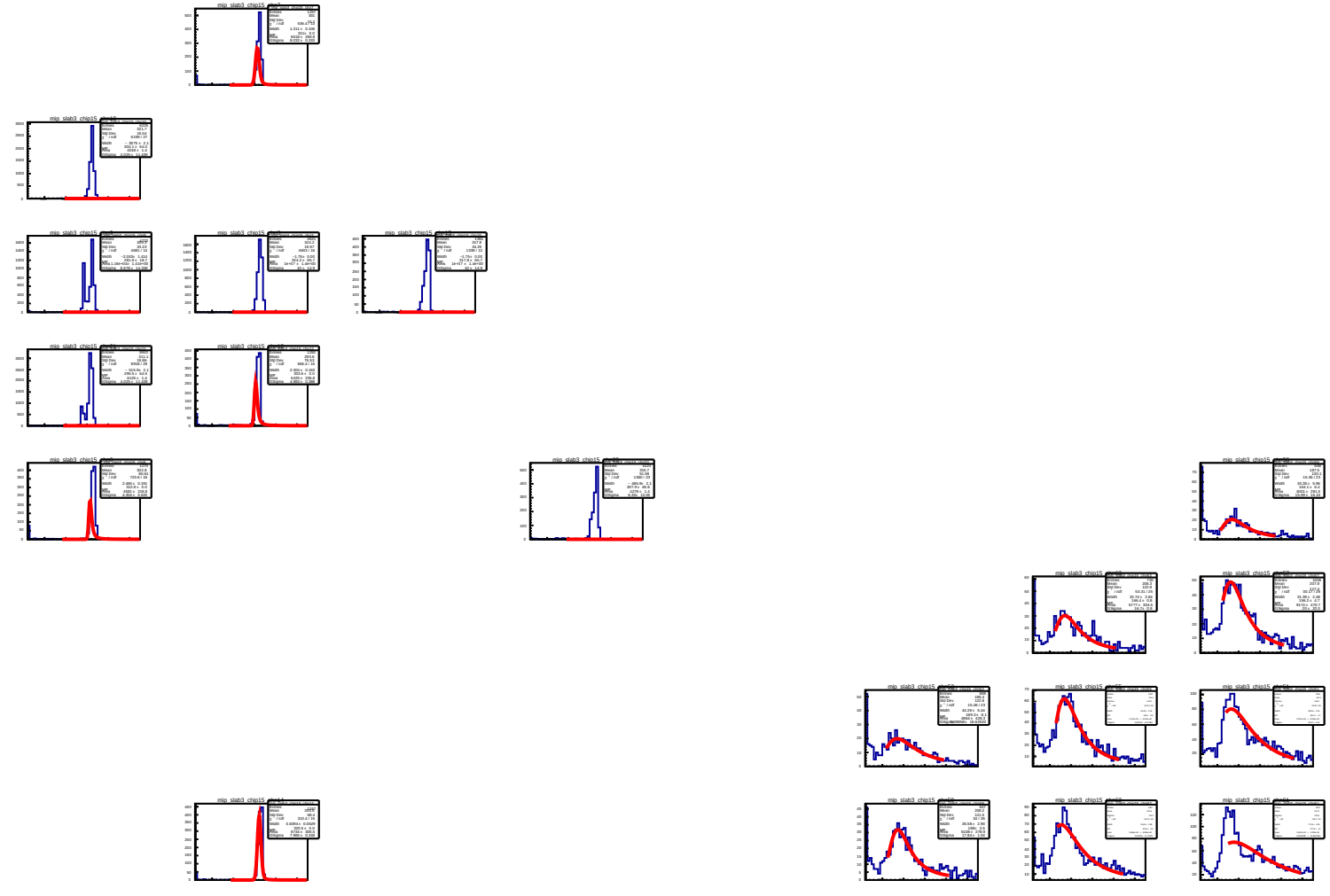
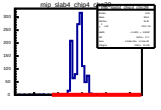
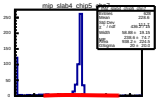
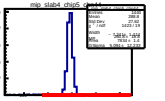
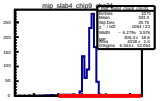
mip_slab3_chip14_strip6
mip_slab3_chip14_strip7

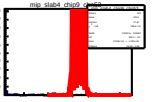


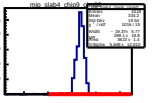

mip_slab4_c3b4_ch20
Entries 1000
Mean 0.4
Mean x 0.4
Std Dev 0.4
Std Dev x 0.4
Integral 1000.0
Underflow 0.0
Overflow 0.0
Latest 0.0
Latest x 0.0
300
250
200
150
100
50
0

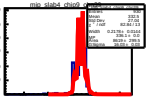

mip slab4 chip5 chan5
Entries 2918
Mean 37.15
Std Dev 2.7
χ2 / ndf 37.15
Width 58.38 ± 19.13
Area 2918 ± 0.0
Mean 608.17 ± 0.01
Sigma 2.69 ± 0.01

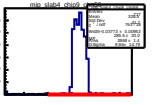

mip slab4 chip5 chan6
Entries 2918
Mean 28.02
Std Dev 3.8
χ2 / ndf 14231 / 19
Width - 5.68 ± 1.64
Area 7818 ± 1.4
Mean 5.184 ± 0.01

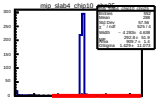

mip_slab4_chip2_check1
Entries 2412
Mean 28.75
Std Dev 10241.23
χ² / ndf 1.e+07
Width - 9.275± 3.639
Peak 2412.0 ± 0.0
Mean 28.80 ± 0.4
Sigma 4.5454 ± 0.2454

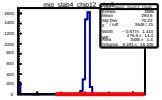

mip_slab4_chip2_check2

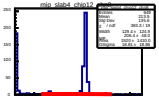

mip_slab4_chip2_check3
Entries 2412
Mean 28.75
Std Dev 10241.23
χ² / ndf 1.e+07
Width - 28.55± 9.72
Peak 2412.0 ± 0.0
Mean 28.80 ± 0.4
Sigma 5.6284 ± 0.2454

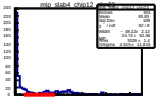

mip_slab4_chip2_check4
Entries 2412
Mean 22.71
Std Dev 22.71
χ² / ndf 1.e+07
Width 0.25 ± 0.12
Peak 338.0 ± 0.0
Mean 0.0 ± 0.0
Sigma 0.0 ± 0.0

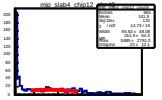

mip_slab4_chip2_check5
Entries 1087
Mean 0.0
Std Dev 0.0
χ² / ndf nan/0.0
Width -0.03773 ± 0.03852
Peak 1087.0 ± 0.0
Mean 0.0 ± 0.0
Sigma 0.0 ± 0.0

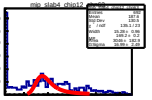

mip_slab4_chn33_ang-90
Entries 1024
Mean 57.78
Std Dev 5257.6
Underflow -1.2E06 0.000
Overflow 1.2E06 0.000
Integral 1.47E+11 1.000
300
250
200
150
100
50
0

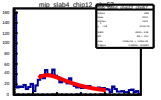

mip_slab4_chip12_ch0
Entries 2916
Mean 2916
Std Dev 1.414
χ² / ndf 3920 / 11
Width - 0.6775 ± 1.414
2.76 ± 1.0
Mpv 2.76 ± 1.0
Integral 4.2e+3 ± 1.0e

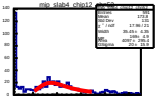

mip_slab4_chip12_ch1
Entries 2917
Mean 2917
Std Dev 1.414
χ² / ndf 388.3 / 8
Width 129.4 ± 13.1
2916.4 ± 23.0
Mpv 2916.4 ± 23.0
Integral 33.8 ± 18.6

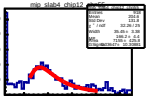

mip_slab4_chip12_ch2
Entries 94
Mean 94
Std Dev 82.8
χ² / ndf 82 / 8
Width - 25.23 ± 2.1
24.72 ± 92.16
Mpv 24.72 ± 92.16
Integral 4.6e+03 ± 6.8e

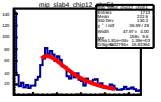

mip_slab4_chip12_ch3
Entries 1472
Mean 1472
Std Dev 14.72 ± 7.0
χ² / ndf 89.62 / 8.06
Width 39.2 ± 94.3
Mpv 1466.2 ± 7.0
Integral 21.7 ± 7.0

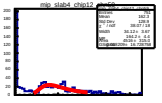

mip_slab4_chip12_ch4
Entries 1317
Mean 1317
Std Dev 136.1 ± 7.0
χ² / ndf 25.29 / 0.56
Width 149.2 ± 3.2
Mpv 1317.1 ± 7.0
Integral 33.9k ± 7.0

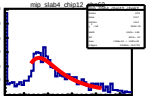

mip_slab4_chip12_ch5
Entries 1314
Mean 1314
Std Dev 21.7 ± 7.0
χ² / ndf 30.31 / 0.95
Width 34.5 ± 9.5
Mpv 1314.1 ± 7.0
Integral 27.4 ± 7.0


mip_slab4_chip12_ch6
Entries 1122
Mean 1122
Std Dev 3.51
χ² / ndf 17.96 / 10
Width 35.01 ± 4.25
Mpv 1086 ± 6.9
Integral 40.07 ± 10.8


mip_slab4_chip12_ch7
Entries 1314
Mean 1314
Std Dev 131.8
χ² / ndf 32.22 / 10
Width 35.01 ± 3.38
Mpv 1386.2 ± 6.4
Integral 7.19k ± 2.8e+3
Integral/Mpv 5.19e+03


mip_slab4_chip12_ch8
Entries 1321
Mean 1321
Std Dev 1.81e+3
χ² / ndf 1.81e+3 / 1
Width 47.97 ± 4.05
Mpv 1036 ± 9.9
Integral/Mpv 1.74e+03


mip_slab4_chip12_ch9
Entries 1322
Mean 1322
Std Dev 10.07 ± 7.0
χ² / ndf 34.13 / 9.57
Width 34.13 ± 9.57
Mpv 2620 ± 5.6e+3
Integral/Mpv 74.77 ± 7.0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Entries
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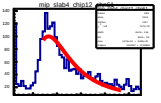
Std Dev
χ² / ndf
Width
Mpv
Integral/Mpv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Entries
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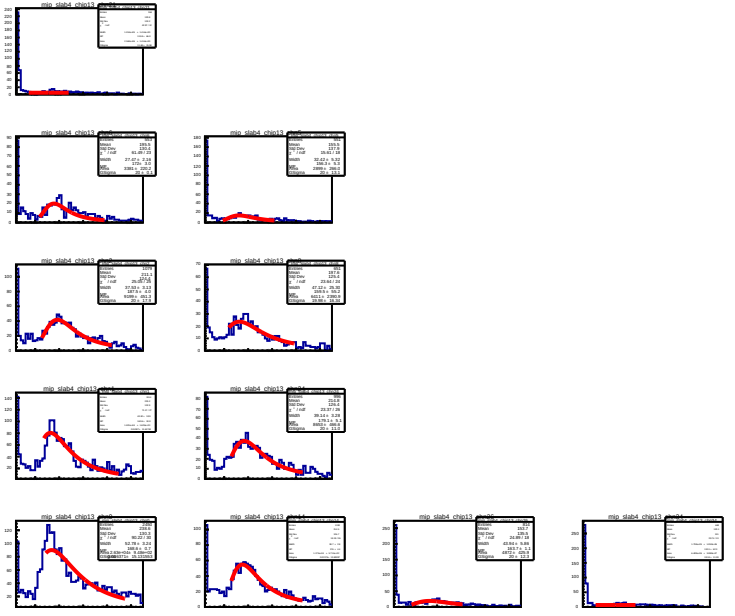
Std Dev
χ² / ndf
Width
Mpv
Integral/Mpv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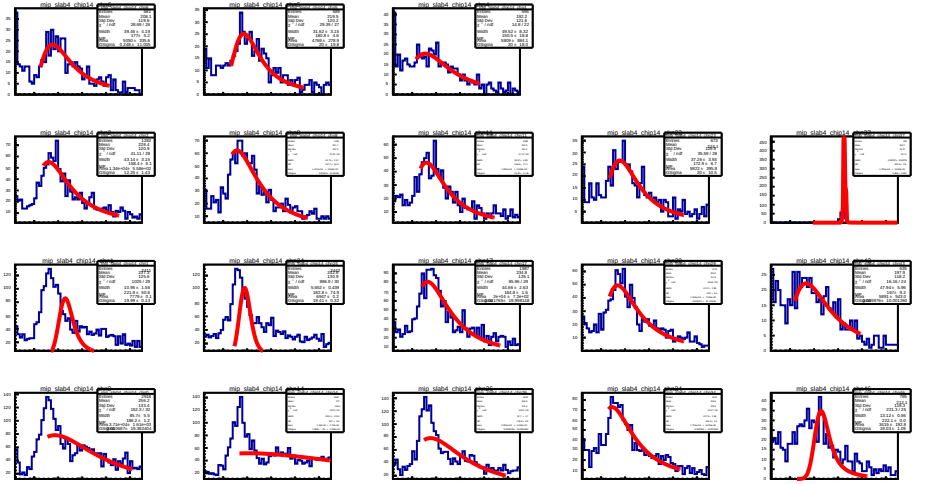
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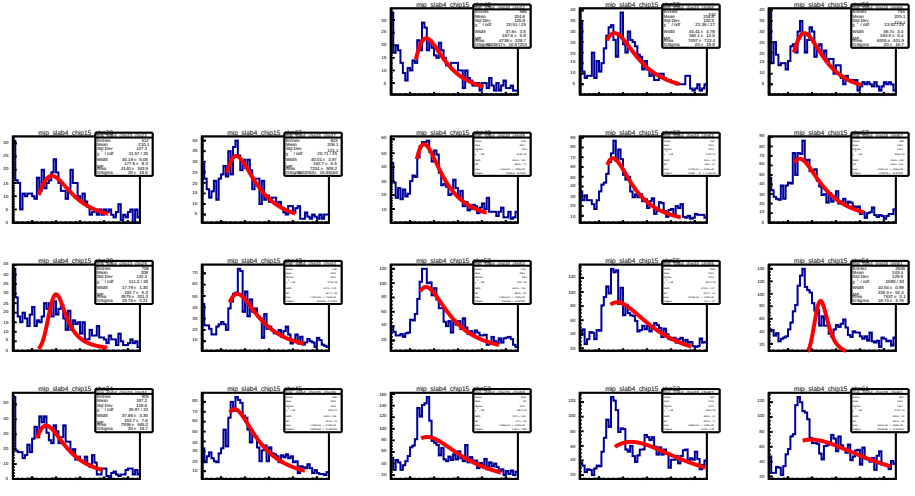
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