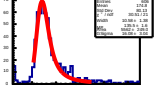
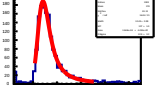
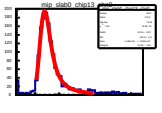
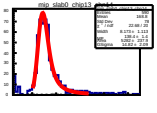
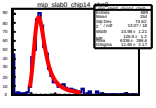
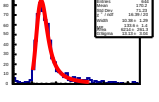

mip_slab0_chip12_channel0
Entries 1000
Mean 35.12
RMS 10.14
χ² / ndf 30.82 / 23
Width 10.98 ± 1.36
MPV 35.00 ± 0.41
Area 9982 ± 249.0
Sigma 10.98 ± 0.68

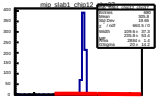

mip_slab0_chip12_channel0

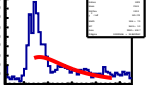

mip_slab0_chip13
Entries 1000
Mean 19.74
Underflow 0
Overflow 0
χ² / ndf 22.66 / 27
Width 0.170 ± 1.313
Mean 19.74 ± 0.005
Area 9.000 ± 0.013
Integral 14.000 ± 0.000

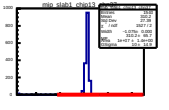

mip_slab0_chip14
Entries 1000
Mean 19.74
Underflow 0
Overflow 0
χ² / ndf 22.66 / 27
Width 0.170 ± 1.313
Mean 19.74 ± 0.005
Area 9.000 ± 0.013
Integral 14.000 ± 0.000

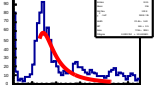

msp_slab0_chip14_adc0
Entries 1000
Mean 33.1
Std Dev 10.62
χ² / ndf 13.07 / 18
width 10.98 ± 1.21
Mean 33.01 ± 0.34
MPV 6.555 ± 249.0
Sigma 11.95 ± 0.21
90
80
70
60
50
40
30
20
10
0

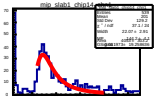

mip slab0 chip15 gain0
Entries 1700
Mean 1.512
Underflow 0
Overflow 0
χ² / ndf 14.28 / 15
Width 0.198 ± 1.26
Sigma 0.0 ± 0.0
MPV 0.517 ± 0.5
Sigma 0.0 ± 0.0

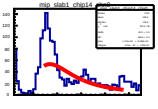

mip_slab1_chip12_chan3
Entries 1000
Mean 255.8
Std Dev 18.05
χ² / ndf 66.26 / 6
Const 229.6 ± 32.2
MPV 226.8 ± 0.2
Sigma 20.4 ± 0.2

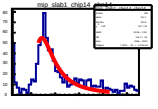

mip_slab1_chip12_chan4

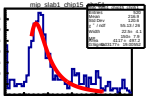

mip slab1 chip13 chan2
Entries 1134
Mean 2.000
RMS 0.000
Underflow 0
Overflow 0
Integral 2427.12
Const 0.2750 ± 0.0202
Mean 1519.0 ± 66.7
Sigma 64.0 ± 47.1
Chi2/ndf 27.1 / 12
1000
800
600
400
200
0

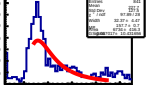

mip slab1 chip13 chan1
Entries 1134
Mean 2.000
RMS 0.000
Underflow 0
Overflow 0
Integral 2427.12
Const 0.2750 ± 0.0202
Mean 1519.0 ± 66.7
Sigma 64.0 ± 47.1
Chi2/ndf 27.1 / 12
90
80
70
60
50
40
30
20
10
0

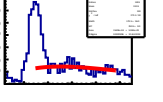

mip slab1 chip14 chnl1
Entries 1000
Mean 12.52
Std Dev 10.22
χ² / ndf 21.07 / 19.6
Prob 0.3486
Constant 1.07 ± 0.07
Landau MPV 10.29 ± 0.09
Landau σ 1.00 ± 0.04

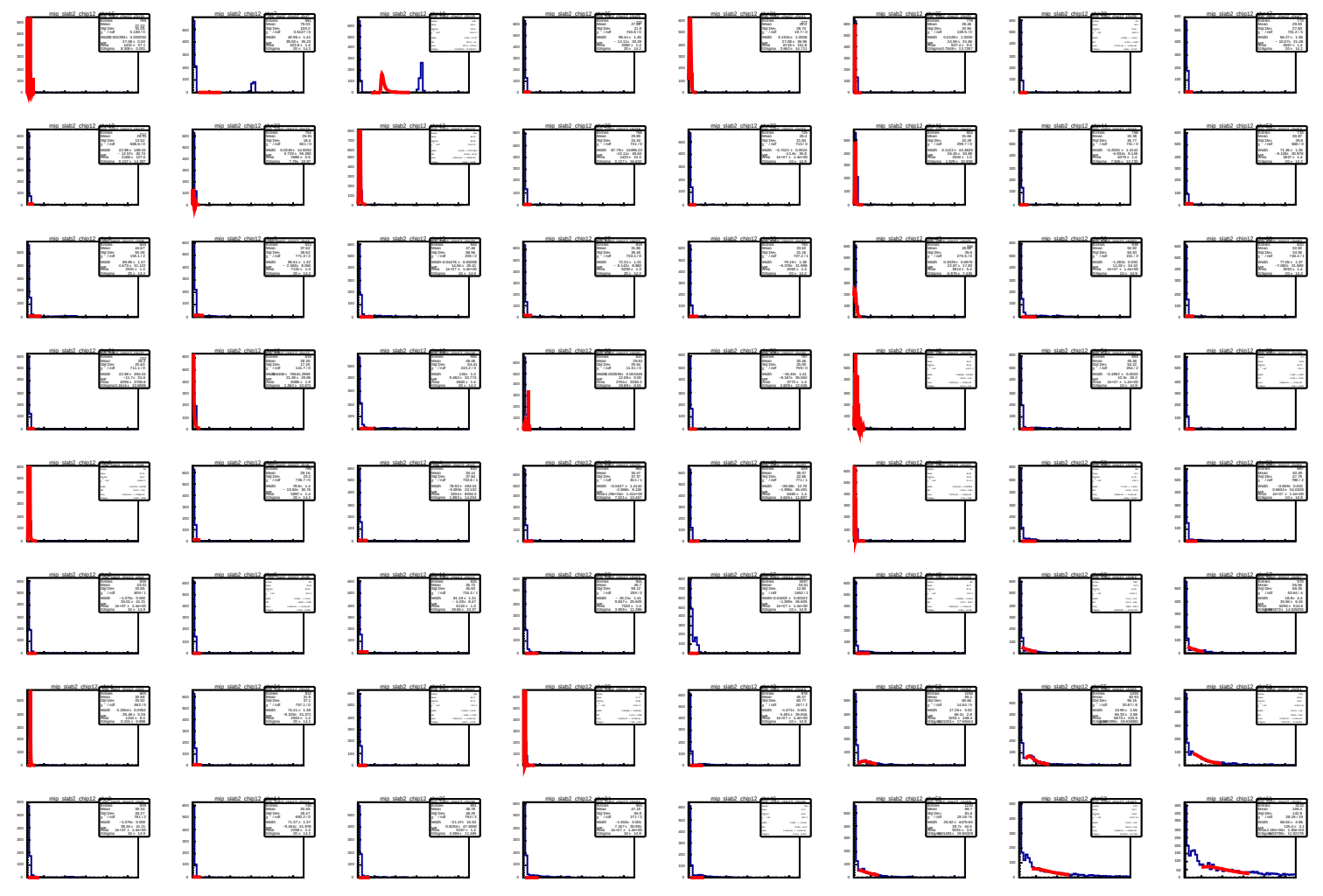

mip slab1 chip14 chnl2
Entries 1000
Mean 14.14
Std Dev 11.07
χ² / ndf 1011.5 / 17
Prob 0.0000
Constant 1.00 ± 0.01
Landau MPV 10.01 ± 0.01
Landau σ 0.50 ± 0.00
Gauss Mean 10.00 ± 0.00
Gauss σ 0.50 ± 0.00

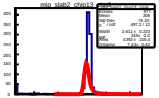

mip slab1 chip14 chnl3
Entries 1000
Mean 14.14
Std Dev 11.07
χ² / ndf 1011.5 / 17
Prob 0.0000
Constant 1.00 ± 0.01
Landau MPV 10.01 ± 0.01
Landau σ 0.50 ± 0.00
Gauss Mean 10.00 ± 0.00
Gauss σ 0.50 ± 0.00

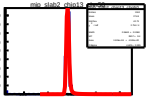

mip slab1 chip15 chan56
Entries 1000
Mean 132.2
Std Dev 120.8
χ / ndf 91.42 / 9
Width 33.54 ± 4.5
MPV 2112 ± 87.6
Area 4117.6 ± 200.5
Prob 0.0000e+00

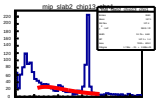

mip slab1 chip15 chan55
Entries 1000
Mean 151.1
Std Dev 97.87
χ / ndf 97.87 / 8
Width 32.57 ± 4.47
MPV 1750 ± 75.7
Area 6750 ± 226.3
Prob 0.0000e+00

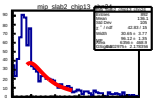

mip slab1 chip15 chan54
Entries 1000
Mean 1.1e+3
Std Dev 1.1e+3
χ / ndf 1.1e+3 / 1
Width 1.1e+3 ± 1.1e+3
MPV 1.1e+3 ± 1.1e+3
Area 1.1e+3 ± 1.1e+3
Prob 1.0000e+00

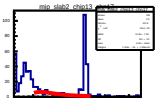


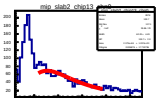

mip slab2 chip13 chan0
Entries 1000
Mean 1.000
Std Dev 0.0
χ2 / ndf 497.7 / 12
Prob 0.0
Width 2.611 ± 0.233
Mpv 19.74 ± 0.2
Area 1.000 ± 0.0
Sigma 2.611 ± 0.233

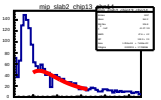

mip slab2 chip13 chan0

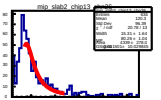

mip slab2 chip13 chan1

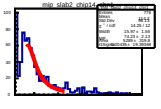

mip slab2 chip13 chan2
Entries 1000
Mean 1.000
Std Dev 0.0
χ2 / ndf 1.05 / 3
Prob 0.79
Width 42.93 ± 2.7
Mpv 33.61 ± 3.7
Area 98.12 ± 3.26
Sigma 42.93 ± 2.7
Integral(0.0,1.0) = 0.0000

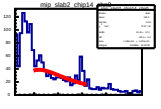

mip slab2 chip13 chan3

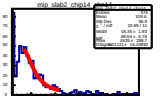

mip slab2 chip13 chan4

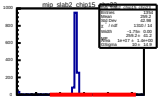

mip slab2 chip13 chan5

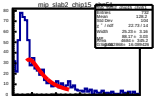

mip slab2 chip13 chan6
Entries 1000
Mean 1.000
Std Dev 0.0
χ2 / ndf 20.79 / 13
Prob 0.0
Width 35.15 ± 1.64
Mpv 30.02 ± 1.4
Area 2189 ± 276.2
Sigma 35.15 ± 1.64
Integral(0.0,1.0) = 30.0000

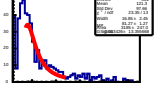

mip_slab2_chip14_chn1
Entries 1114
Mean 18.13
Std Dev 10.53
χ² / ndf 14.00 / 9
Width 19.97 ± 1.54
MPV 19.23 ± 2.13
Area 1000.0 ± 100.0
Prob 0.0000e-01
100
80
60
40
20
0

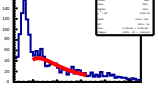

mip_slab2_chip14_chn2
Entries 1114
Mean 18.13
Std Dev 10.53
χ² / ndf 12.07 / 7
Width 20.35 ± 1.93
MPV 19.23 ± 2.13
Area 1000.0 ± 200.0
Prob 0.0000e-01
120
100
80
60
40
20
0

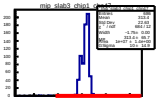

mip_slab2_chip14_chn3
Entries 1114
Mean 18.13
Std Dev 10.53
χ² / ndf 12.07 / 7
Width 20.35 ± 1.93
MPV 19.23 ± 2.13
Area 1000.0 ± 200.0
Prob 0.0000e-01
70
60
50
40
30
20
10
0

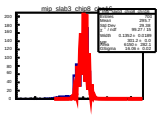

mip_slab2_chip15_chan13
Entries 1000
Mean 0.7
Std Dev 0.4
χ / ndf 1000 / 14
Width -1.7e- 5 ± 0.0
MPV 77.3 ± 31.2
Area 54777 ± 1.0e+ 6
Chisq 3.0 ± 0.0

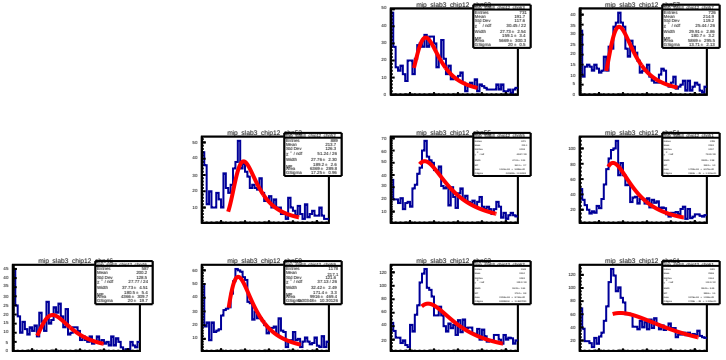

mip_slab2_chip15_chan14
Entries 1000
Mean 1.0
Std Dev 0.7
χ / ndf 22 / 12
Width 25.25 ± 3.16
MPV 88.17 ± 3.32
Area 8000 ± 1.0e+ 6
Chisq 0.0 ± 0.0

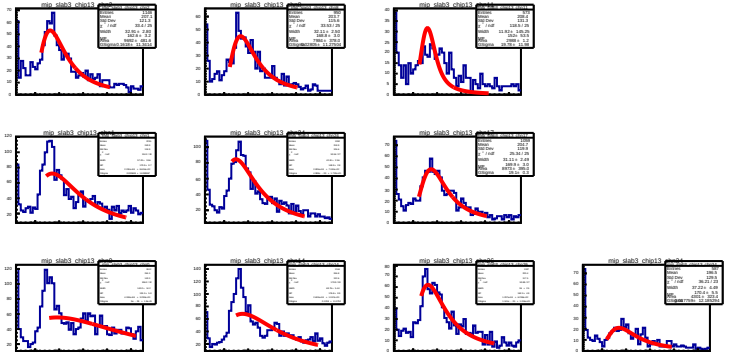

mip_slab2_chip15_chan15
Entries 1000
Mean 2.0
Std Dev 1.0
χ / ndf 23.35 / 13
Width 16.85 ± 2.35
MPV 63.17 ± 2.21
Area 15181 ± 2.0e+ 6
Chisq 14.0 ± 0.0

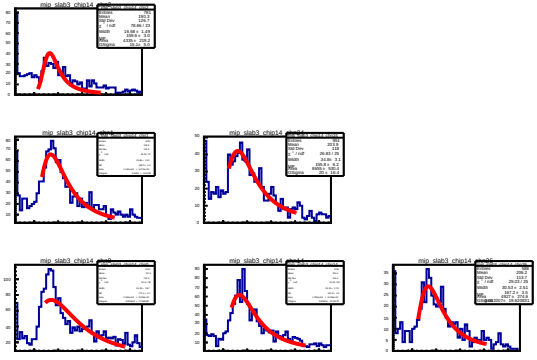

mip_slab2_chip15_chan16
Entries
Mean
Std Dev
χ / ndf
Width
MPV
Area
Chisq

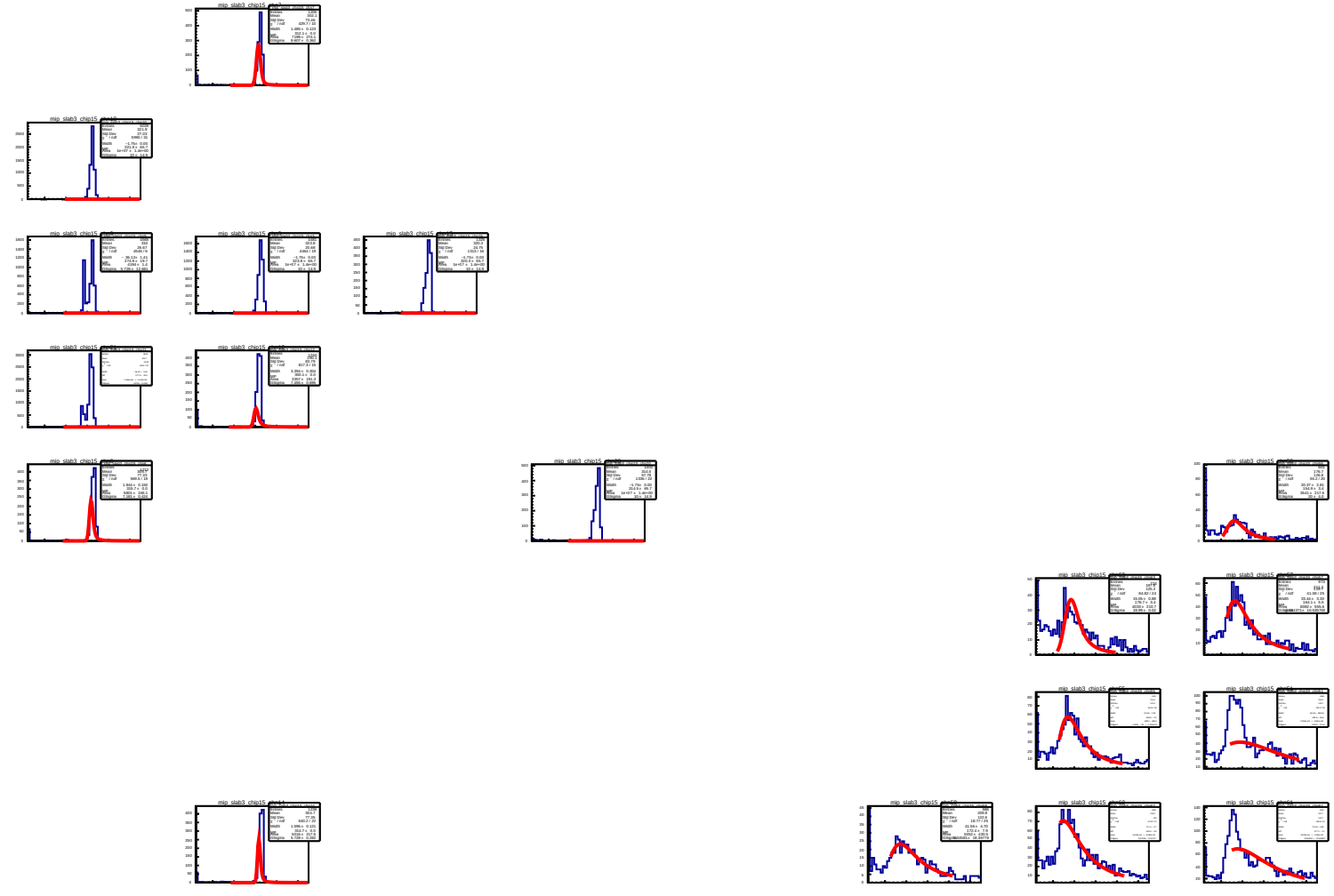

mip_slab3_chip1_chan3
Entries 3159
Mean 22.78
Std Dev 665.73
Width 14.78ns (9.9)
Peak 1.000e+03
Mean 1.000e+03
Integral 3159.0

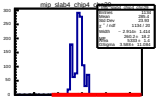

msp_slab3_chip8_c4x16
Statistics on screen
Entries 2048
Mean 294.7
Std Dev 29.16
χ / ndf 95.27 / 15
Width 0.1351 ± 0.0189
Area 1.000 ± 0.000
Mean 0.5263 ± 0.0013
Sigma 0.0748 ± 0.0013
200
180
160
140
120
100
80
60
40
20
0

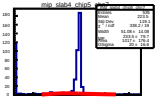

mip_slab3_chip12_ch55
Entries 1024
Mean 222.4
Std Dev 35.49 / 29
χ² / ndf 27.73 ± 2.54
Width 168.2 ± 3.4
MPV 222.1 ± 0.8
Integral 10111 ± 213
mip_slab3_chip12_ch56
Entries 1024
Mean 219.9
Std Dev 25.44 / 26
χ² / ndf 29.81 ± 2.95
Width 160.7 ± 3.2
MPV 219.7 ± 0.8
Integral 13171 ± 263
mip_slab3_chip12_ch57
Entries 1024
Mean 120.3
Std Dev 9.74 / 9
χ² / ndf 27.79 ± 2.95
Width 189.2 ± 2.6
MPV 120.0 ± 0.6
Integral 12291 ± 246
mip_slab3_chip12_ch58
Entries 1024
Mean 222.4
Std Dev 37.77 / 29
χ² / ndf 27.77 / 24
Width 37.73 ± 6.91
MPV 222.1 ± 1.5
Integral 4388 ± 325.7
mip_slab3_chip12_ch59
Entries 1024
Mean 213.4
Std Dev 37.37 / 29
χ² / ndf 37.37 / 25
Width 32.43 ± 2.43
MPV 213.1 ± 1.1
Integral 5924 ± 185.1
mip_slab3_chip12_ch60
mip_slab3_chip12_ch61

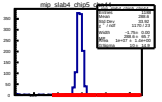

mip_slab3_chip13_strip1
mip_slab3_chip13_strip2
mip_slab3_chip13_strip3
mip_slab3_chip13_strip4
mip_slab3_chip13_strip5
mip_slab3_chip13_strip6
mip_slab3_chip13_strip7
mip_slab3_chip13_strip8
mip_slab3_chip13_strip9
mip_slab3_chip13_strip10
mip_slab3_chip13_strip11
mip_slab3_chip13_strip12

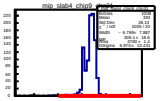

mip_slab3_chip14_strip1
mip_slab3_chip14_strip2
mip_slab3_chip14_strip3
mip_slab3_chip14_strip4
mip_slab3_chip14_strip5
mip_slab3_chip14_strip6

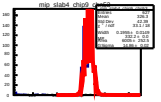


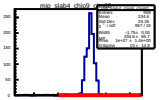

mip slab4 c2b4 ped20
Entries 3000
Mean 262.2
Std Dev 23.90
χ² / ndf 1.000
p0 2.910e+ 3 ± 0.0
p1 262.2 ± 10.2
p2 23.90 ± 0.0
Integral 1.000e+ 3 ± 0.0
300
250
200
150
100
50
0

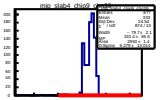

mip_slab4_chip5_chan5
Entries 2016
Mean 119.1
Std Dev 2.28
χ² / ndf 338.2 / 19
width 11.38 ± 14.28
Mean 2017 ± 0.1
Sigma 2017 ± 0.1
Integral 100 ± 10.0

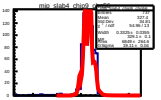

mip_slab4_chip5_chan6
Entries 2016
Mean 250.6
Std Dev 13.51
χ² / ndf 13.51 / 19
width 0.75 ± 0.80
Mean 27 ± 0.0
Sigma 14×10⁻³ ± 0.0×10⁻³
Integral 10 ± 0.0

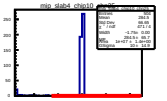

mip_slab4_chip0_chan24
Entries 122
Mean 28.11
Std Dev 1020.(3)
χ² / ndf 0.(0)
Width - 0.79Pm 7.80P
Peak 1.(0)
Area 2.5e+ 3.4
Sigma 0.07Pm 23.23

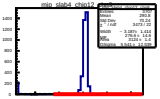

mip_slab4_chip0_chan25
Entries 1024
Mean 320.9
Std Dev 1.(0)
χ² / ndf 213.7.(0)
Width 0.1000± 0.0100
Peak 1.(0)
Area 4020± 2.6e+
Sigma 0.0000± 0.0000

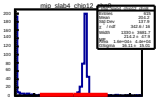

mip_slab4_chip0_chan26
Entries 1024
Mean 319.8
Std Dev 1.(0)
χ² / ndf 427.7.(0)
Width -1.7Pm 0.(0)
Peak 1.(0)
Area 4e+07 2.1.e+07
Sigma

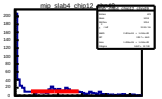

mip_slab4_chip0_chan27
Entries 122
Mean 24.(0)
Std Dev 2.(0)
χ² / ndf 2.(0)
Width 79.7e- 2.1
Peak 102.(1) 10.1
Area 2500± 3.4
Sigma 1.7e-02± 0.(0)

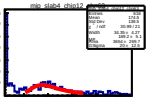

mip_slab4_chip0_chan28
Entries 1024
Mean 313.6
Std Dev 30.(1)
χ² / ndf 54.96/13
Width 0.3030± 0.0301
Peak 1.(0)
Area 6800± 2414
Sigma 0.0111± 0.(0)

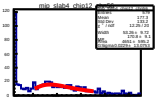

mip_slab4_chm31_mc_05
Entries 2600
Mean 28.02
Std Dev 68.05
χ² / ndf 272.7 / 5
MIN0 -1.79e-15 ± 0.0
MIN1 28.02 ± 0.0
MIN2 1e+07 ± 1.4e+03
Integral 2600 ± 0.0
250
200
150
100
50
0


mip_slab4_chip12_chan0
Entries 7000
Mean 291.8
Std Dev 3.07
χ² / ndf 3172 / 22
Width − 0.1870 ± 1.410
− 279.9 ± 12.0
MPV − 0.1870 ± 1.410
Integral − 3.214 ± 0.035

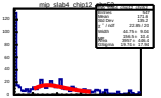

mip_slab4_chip12_chan1
Entries 7000
Mean 277.2
Std Dev 3.07
χ² / ndf 3414 / 19
Width 1320.1 ± 3985.1
2143.3 ± 47.9
MPV 1320.1 ± 3985.1
Integral − 3514.1 ± 0.035

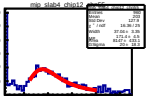

mip_slab4_chip12_chan2
Entries 7000
Mean 1.000
Std Dev 0.000
χ² / ndf
Width
MPV
Integral

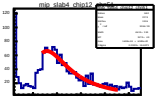

mip_slab4_chip12_chan3
Entries 7000
Mean 113.6
Std Dev 10.69
χ² / ndf 10.69 / 23
Width 24.39 ± 0.27
189.3 ± 9.4
MPV 24.39 ± 0.27
Integral 354 ± 12.8

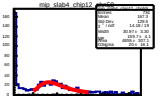

mip_slab4_chip12_chan4
Entries 7000
Mean 114.5
Std Dev 12.26
χ² / ndf 12.26 / 25
Width 53.26 ± 9.71
1.4e+06 ± 1.4e+06
MPV 53.26 ± 9.71
Integral 2.6e+4 ± 3.6e+4

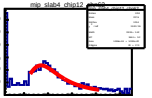
mip_slab4_chip12_chan5
Entries 7000
Mean 113.6
Std Dev 10.69
χ² / ndf 10.69 / 23
Width 35.11 ± 3.39
189.3 ± 5.7
MPV 35.11 ± 3.39
Integral 514 ± 12.8

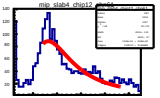

mip_slab4_chip12_chan6
Entries 7000
Mean 122.2
Std Dev 139.2
χ² / ndf 1.e+07 / 1
Width 43.75 ± 9.05
3365.5 ± 32.4
MPV 43.75 ± 9.05
Integral 29.5 ± 0.54

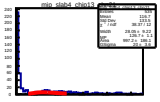

mip_slab4_chip12_chan7
Entries 7000
Mean 222
Std Dev 127.8
χ² / ndf 16.12 / 21
Width 37.62 ± 0.35
171.4 ± 4.6
MPV 37.62 ± 0.35
Integral 27.4 ± 0.5

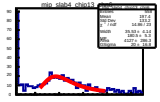

mip_slab4_chip12_chan8
Entries 7000
Mean 1.000
Std Dev 0.000
χ² / ndf
Width
MPV
Integral

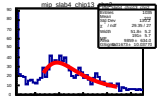

mip_slab4_chip12_chan9
Entries 7000
Mean 147.2
Std Dev 12.87
χ² / ndf 12.87 / 15
Width 30.97 ± 0.35
1.4e+06 ± 1.4e+06
MPV 30.97 ± 0.35
Integral 20.e ± 0.4

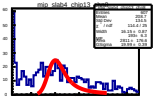

mip_slab4_chip12_chan10
Entries 7000
Mean 1.000
Std Dev 0.000
χ² / ndf
Width
MPV
Integral

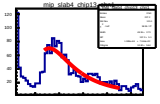

mip_slab4_chip12_chan11
Entries 7000
Mean 1.000
Std Dev 0.000
χ² / ndf
Width
MPV
Integral

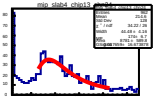

mip_slab4_chip13_chan0
Entries 1000
Mean 13.52
Std Dev 23.51
χ² / ndf 26.07 / 13
width 29.06 ± 9.23
MPV 128.9 ± 3.4
Integral 897.3 ± 198.1
Integral in [0, 40] 22.1

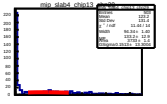

mip_slab4_chip13_chan1
Entries 1000
Mean 107.4
Std Dev 14.7
χ² / ndf 14.86 / 20
width 19.83 ± 4.14
MPV 112.7 ± 1.4
Integral 1127.1 ± 198.3
Integral in [0, 40] 27.1 ± 0.8

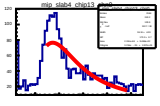

mip_slab4_chip13_chan2
Entries 1000
Mean 13.52
Std Dev 29.36
χ² / ndf 51.81 / 7
width 9.7 ± 0.7
MPV 19.1 ± 0.3
Integral 2101.6 ± 215.8
Integral in [0, 40] 10.0 ± 0.4

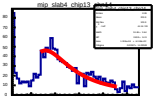

mip_slab4_chip13_chan3
Entries 1000
Mean 107.4
Std Dev 14.7
χ² / ndf 114.67 / 6
width 15.13 ± 0.97
MPV 100.7 ± 0.4
Integral 2101.6 ± 215.8
Integral in [0, 40] 13.9 ± 0.6

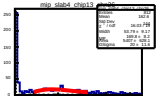

mip_slab4_chip13_chan4
Entries 1000
Mean 13.52
Std Dev 29.36
χ² / ndf 51.81 / 7
width 9.7 ± 0.7
MPV 19.1 ± 0.3
Integral 2101.6 ± 215.8
Integral in [0, 40] 10.0 ± 0.4

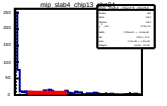

mip_slab4_chip13_chan5
Entries 1000
Mean 107.4
Std Dev 14.7
χ² / ndf 114.67 / 6
width 15.13 ± 0.97
MPV 100.7 ± 0.4
Integral 2101.6 ± 215.8
Integral in [0, 40] 13.9 ± 0.6


mip_slab4_chip13_chan6
Entries 1000
Mean 13.52
Std Dev 29.36
χ² / ndf 51.81 / 7
width 9.7 ± 0.7
MPV 19.1 ± 0.3
Integral 2101.6 ± 215.8
Integral in [0, 40] 10.0 ± 0.4

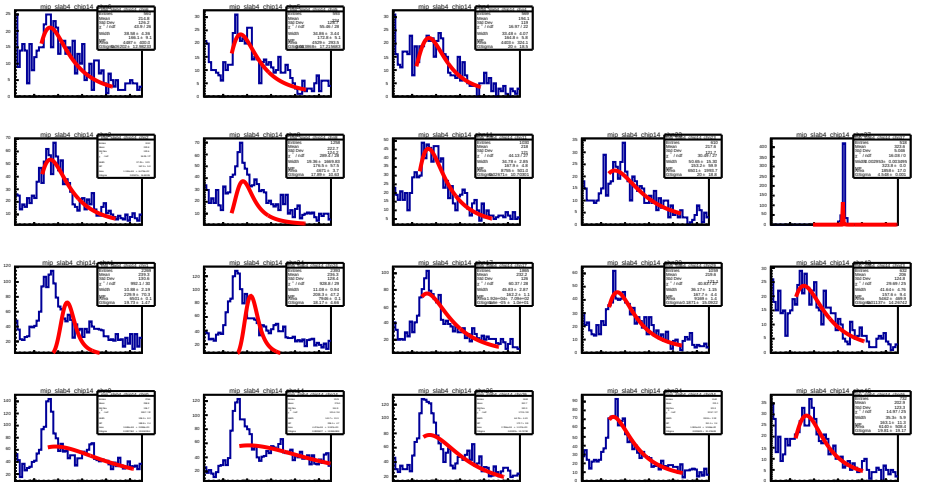

mip_slab4_chip13_chan7
Entries 1000
Mean 107.4
Std Dev 14.7
χ² / ndf 114.67 / 6
width 15.13 ± 0.97
MPV 100.7 ± 0.4
Integral 2101.6 ± 215.8
Integral in [0, 40] 13.9 ± 0.6


mip_slab4_chip13_chan8
Entries 1000
Mean 13.52
Std Dev 29.36
χ² / ndf 51.81 / 7
width 9.7 ± 0.7
MPV 19.1 ± 0.3
Integral 2101.6 ± 215.8
Integral in [0, 40] 10.0 ± 0.4


mip_slab4_chip13_chan9
Entries 1000
Mean 107.4
Std Dev 14.7
χ² / ndf 114.67 / 6
width 15.13 ± 0.97
MPV 100.7 ± 0.4
Integral 2101.6 ± 215.8
Integral in [0, 40] 13.9 ± 0.6


mip_slab4_chip13_chan10
Entries 1000
Mean 13.52
Std Dev 29.36
χ² / ndf 51.81 / 7
width 9.7 ± 0.7
MPV 19.1 ± 0.3
Integral 2101.6 ± 215.8
Integral in [0, 40] 10.0 ± 0.4

mip_slab4_chip13_chan11
Entries 1000
Mean 107.4
Std Dev 14.7
χ² / ndf 114.67 / 6
width 15.13 ± 0.97
MPV 100.7 ± 0.4
Integral 2101.6 ± 215.8
Integral in [0, 40] 13.9 ± 0.6


mip slab4 chip14
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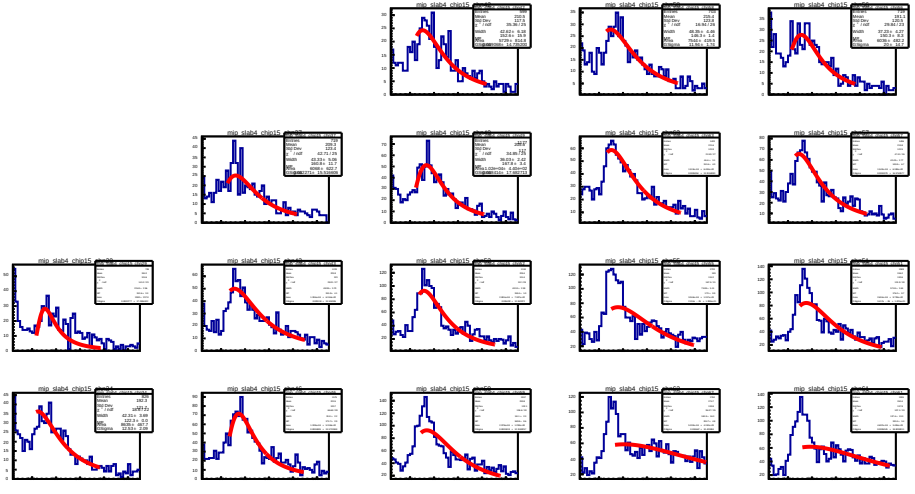
mip slab4 chip14


mip_slab4_chip15_chan56
Mean 250.2
Sigma 13.11
χ² / ndf 29.36 / 21
Width 22.61 ± 5.15
MPV 250.1 ± 0.6
Integral 5720 ± 313
mip_slab4_chip15_chan57
Mean 251.4
Sigma 13.04
χ² / ndf 16.92 / 29
Width 20.35 ± 4.35
MPV 251.4 ± 0.5
Integral 5163 ± 271
mip_slab4_chip15_chan58
Mean 251.1
Sigma 13.07
χ² / ndf 29.62 / 21
Width 22.47 ± 5.27
MPV 250.6 ± 0.6
Integral 5650 ± 342
mip_slab4_chip15_chan59
Mean 249.9
Sigma 12.79
χ² / ndf 62.73 / 29
Width 22.33 ± 5.09
MPV 250.8 ± 1.2
Integral 5608 ± 319
mip_slab4_chip15_chan60
Mean 249.9
Sigma 13.11
χ² / ndf 34.86 / 29
Width 26.23 ± 2.22
MPV 247.8 ± 1.4
Integral 7.1e+03 ± 1.1e+03
mip_slab4_chip15_chan61
mip_slab4_chip15_chan62
mip_slab4_chip15_chan63
mip_slab4_chip15_chan64
mip_slab4_chip15_chan65
mip_slab4_chip15_chan66
mip_slab4_chip15_chan67
mip_slab4_chip15_chan68
mip_slab4_chip15_chan69
mip_slab4_chip15_chan70
mip_slab4_chip15_chan71
mip_slab4_chip15_chan72
mip_slab4_chip15_chan73
mip_slab4_chip15_chan74
mip_slab4_chip15_chan75
mip_slab4_chip15_chan76
mip_slab4_chip15_chan77
mip_slab4_chip15_chan78
mip_slab4_chip15_chan79
mip_slab4_chip15_chan80
mip_slab4_chip15_chan81
mip_slab4_chip15_chan82
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mip_slab4_chip15_chan108
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mip_slab4_chip15_chan111
mip_slab4_chip15_chan112
mip_slab4_chip15_chan113
mip_slab4_chip15_chan114
mip_slab4_chip15_chan115
mip_slab4_chip15_chan116
mip_slab4_chip15_chan117
mip_slab4_chip15_chan118
mip_slab4_chip15_chan119
mip_slab4_chip15_chan120
mip_slab4_chip15_chan121
mip_slab4_chip15_chan122
mip_slab4_chip15_chan123
mip_slab4_chip15_chan124
mip_slab4_chip15_chan125
mip_slab4_chip15_chan126
mip_slab4_chip15_chan127