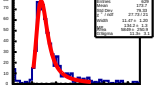
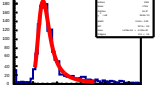
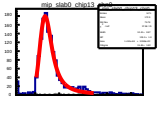
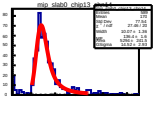
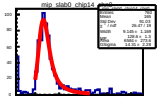
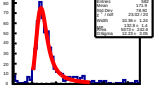

mip_slab0_chip12_ped48
Entries 2000
Mean 27.27
RMS 7.52
χ² / ndf 27.72 / 21
Width 11.47 ± 1.20
MPV 27.73 ± 0.21
Area 6689 ± 240.9
Sigma 31.0 ± 3.1

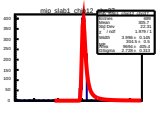

mip_slab0_chip12_ped48

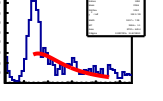

mip_slab0_chip13
Entries 2000
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
χ² / ndf 2.8e+05 / 1
Width 0.0000 ± 0.0000
Mean 0.0000 ± 0.0000
Sigma 0.0000 ± 0.0000
Constant 1.0000e+03 ± 0.0000
160
140
120
100
80
60
40
20
0

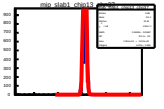

mip_slab0_chip13
Entries 2000
Mean 77.12
RMS 27.28 / 23
χ² / ndf 27.28 / 23
Width 10.07 ± 1.06
Mean 77.12 ± 0.61
Sigma 9.000 ± 0.61
Constant 14.00 ± 1.0
70
60
50
40
30
20
10
0

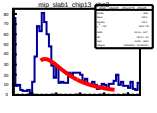

msp_slab0_chip14_adc
Entries 1000
Mean 24.
RMS 10.
Prob 0.
χ² / ndf 26.07 / 19
Width 9.185 ± 1.308
Sigma 1.000 ± 0.000
MPV 6569 ± 275.0
Integral 14.91 ± 0.0
100
80
60
40
20
0

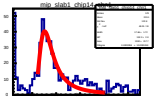

mip_slab0_chip15_ped0
Entries 2.5E+4
Mean 3.52
RMS 2.12
Underflow 0
Overflow 0
χ² / ndf 22.22 / 23
Width 10.38 ± 1.16
Sigma 0.0 ± 0.0
MPV 12.72 ± 0.0
Integral 12.24 ± 0.0

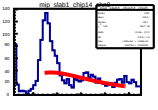

mip slab1 chip12 strip3
Entries 1000
Mean 0.7
Std Dev 0.7
χ² / ndf 1.979 / 1
Const 7.998 ± 0.120
MPV 304.9 ± 0.6
Sigma 7.192 ± 0.013
400
350
300
250
200
150
100
50
0

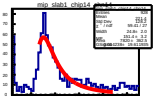

mip slab1 chip12 strip4

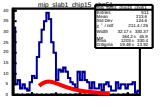

mip_slab1_chip13_strip2
Entries 1000
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
Integral 1000.0
Skewness nan
Kurtosis nan
Constant 1000.0
Mean 0.0
Sigma 0.0
900
800
700
600
500
400
300
200
100
0

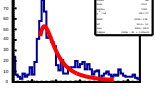

mip_slab1_chip13_strip2
Entries 1000
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
Integral 1000.0
Skewness nan
Kurtosis nan
Constant 1000.0
Mean 0.0
Sigma 0.0
80
70
60
50
40
30
20
10
0

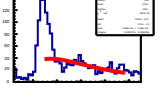

mip slab1 chip14 chan1
Entries 1000
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
Integral 1000.
Skewness 0.0
Kurtosis 0.0
Constant 1000.0 ± 0.0
Mean 0.0 ± 0.0
Sigma 0.0 ± 0.0
0
10
20
30
40
50

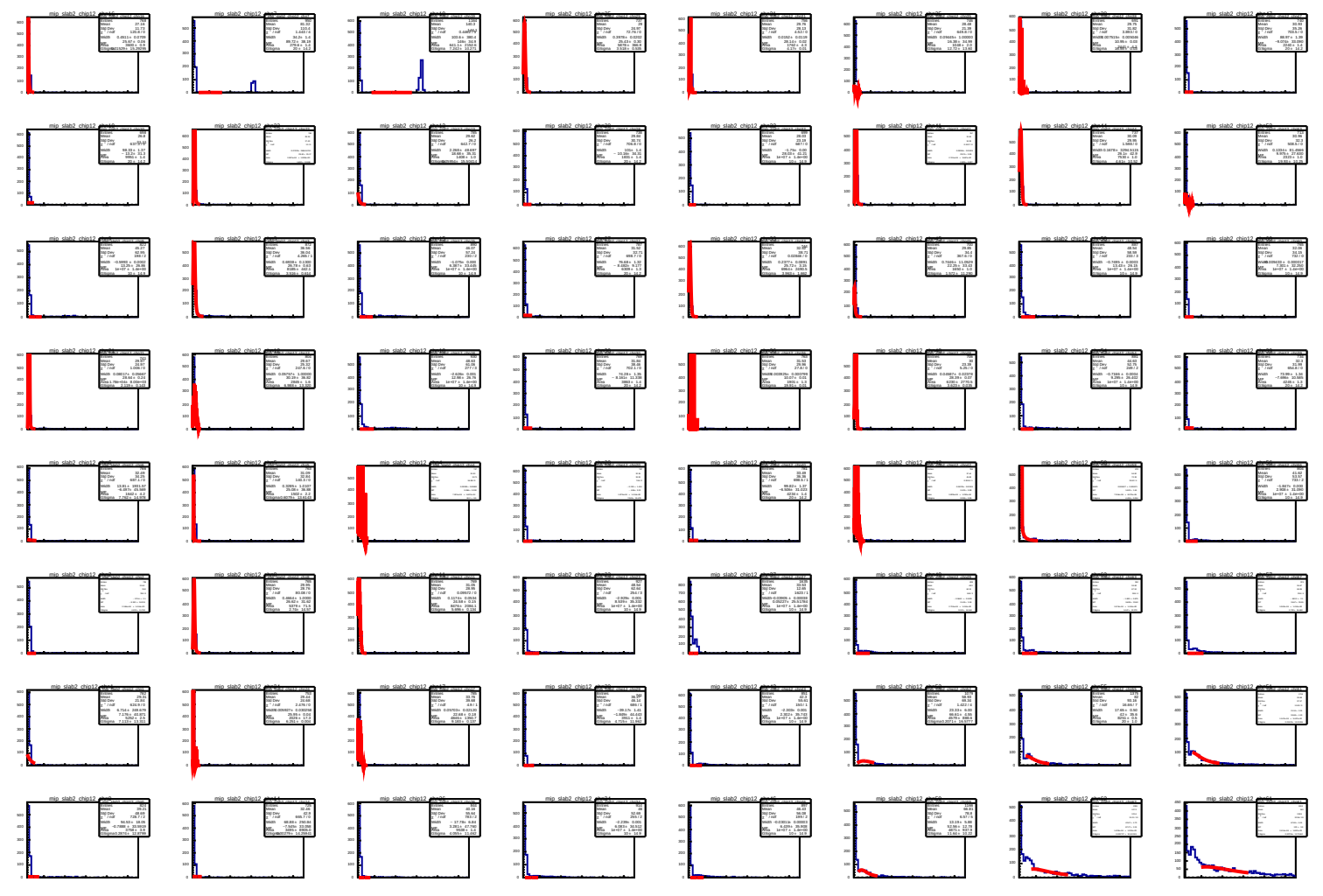

mip slab1 chip14 chan2
Entries 1000
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
Integral 1000.
Skewness 0.0
Kurtosis 0.0
Constant 1000.0 ± 0.0
Mean 0.0 ± 0.0
Sigma 0.0 ± 0.0
0
20
40
60
80
100
120
140

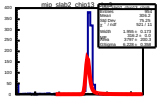

mip slab1 chip14 chan3
Entries 1000
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
Integral 1000.
Skewness 0.0
Kurtosis 0.0
Constant 1000.0 ± 0.0
Mean 0.0 ± 0.0
Sigma 0.0 ± 0.0
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80

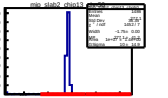

mip slab1 chip15 chan56
Entries 2121
Mean 110.4
Std Dev 13.8
χ / ndf 32.17 / 18
Const 32.17 ± 10.19
MPV 102.0 ± 0.6
Width 2.00 ± 0.02
Integral 19.00 ± 0.02

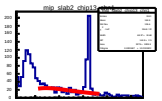

mip slab1 chip15 chan58

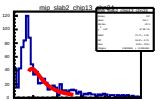

mip slab1 chip15 chan59

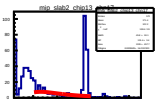


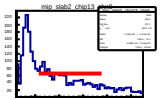

mip slab2 chip13 chan0
Entries 1000
Mean 269.2
RMS 9.01
χ2 / ndf 523 / 21
Prob 0
Width 1.966 ± 0.173
MPV 269.4 ± 0.3
Area 1.01e+04 ± 0.0
Sigma 1.551 ± 0.014

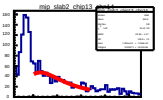

mip slab2 chip13 chan1
Entries 1000
Mean 267.1
RMS 8.01
χ2 / ndf 1451 / 7
Prob 0
Width -0.75± 0.00
MPV 267.1 ± 0.0
Area 1.e+04 ± 0.0
Sigma 1.0 ± 0.0

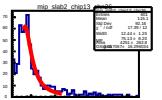

mip slab2 chip13 chan4
Entries 1000
Mean 269.2
RMS 9.01
χ2 / ndf 523 / 21
Prob 0
Width 1.966 ± 0.173
MPV 269.4 ± 0.3
Area 1.01e+04 ± 0.0
Sigma 1.551 ± 0.014


mip slab2 chip13 chan5
Entries 1000
Mean 267.1
RMS 8.01
χ2 / ndf 1451 / 7
Prob 0
Width -0.75± 0.00
MPV 267.1 ± 0.0
Area 1.e+04 ± 0.0
Sigma 1.0 ± 0.0

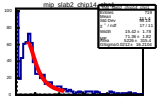

mip slab2 chip13 chan6
Entries 1000
Mean 269.2
RMS 9.01
χ2 / ndf 523 / 21
Prob 0
Width 1.966 ± 0.173
MPV 269.4 ± 0.3
Area 1.01e+04 ± 0.0
Sigma 1.551 ± 0.014

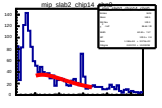

mip slab2 chip13 chan7
Entries 1000
Mean 267.1
RMS 8.01
χ2 / ndf 1451 / 7
Prob 0
Width -0.75± 0.00
MPV 267.1 ± 0.0
Area 1.e+04 ± 0.0
Sigma 1.0 ± 0.0

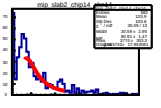

mip slab2 chip13 chan11
Entries 1000
Mean 269.2
RMS 9.01
χ2 / ndf 523 / 21
Prob 0
Width 1.966 ± 0.173
MPV 269.4 ± 0.3
Area 1.01e+04 ± 0.0
Sigma 1.551 ± 0.014

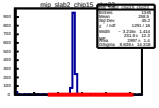

mip slab2 chip13 chan12
Entries 1000
Mean 267.1
RMS 8.01
χ2 / ndf 1451 / 7
Prob 0
Width -0.75± 0.00
MPV 267.1 ± 0.0
Area 1.e+04 ± 0.0
Sigma 1.0 ± 0.0

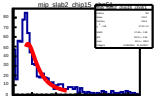

mip slab2 chip13 chan13
Entries 1000
Mean 269.2
RMS 9.01
χ2 / ndf 523 / 21
Prob 0
Width 1.966 ± 0.173
MPV 269.4 ± 0.3
Area 1.01e+04 ± 0.0
Sigma 1.551 ± 0.014

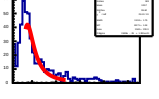

mip_slab2_chip14_chn1
Entries 1000
Mean 48.13
Std Dev 18.61
χ² / ndf 18.07 / 13
Prob 0.1511
Constant 19.42 ± 2.19
Mean 73.38 ± 1.82
Sigma 12.24 ± 1.24
Integral(cut) 18.2316

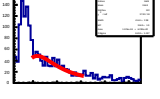

mip_slab2_chip14_chn2
Entries 1000
Mean 48.13
Std Dev 18.61
χ² / ndf 18.07 / 13
Prob 0.1511
Constant 19.42 ± 2.19
Mean 73.38 ± 1.82
Sigma 12.24 ± 1.24
Integral(cut) 18.2316

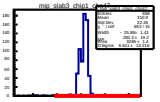

mip_slab2_chip14_chn14
Entries 1000
Mean 48.13
Std Dev 18.61
χ² / ndf 18.07 / 13
Prob 0.1511
Constant 20.98 ± 2.93
Mean 73.38 ± 1.82
Sigma 12.24 ± 1.24
Integral(cut) 18.2316

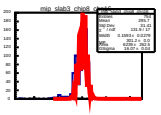

mip_slab2_chip15_chan13
Entries 1000
Mean 2.01
RMS 0.07
χ² / ndf 1391 / 14
Width 3.239 ± 0.011
Peak 2018.9 ± 12.4
MPV 2.000 ± 0.000
Integral 4.4e+04 ± 0.0e+0

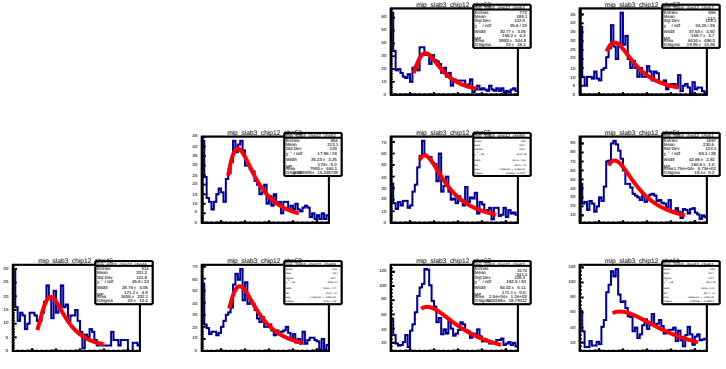

mip_slab2_chip15_chan14


mip_slab2_chip15_chan15


mip_slab2_chip15_chan16


mip_slab3_chip1_chan25
Entries 1000
Mean 22.05
Std Dev 802.25
Width 20.88± 1.12
Sigma 6.41± 0.31
Mean 209.1± 5.1
Sigma 6.41± 0.31


msp_slab3_chip8_c4x16
Entries 2000
Mean 266.7
Std Dev 31.47
χ / ndf 131.8 / 17
Amplitude 0.1883 ± 0.0239
Mean 266.1 ± 0.3
Sigma 10.04 ± 0.24
200
180
160
140
120
100
80
60
40
20
0


mip_slab3_chip12
mip_slab3_chip12
mip_slab3_chip12
mip_slab3_chip12
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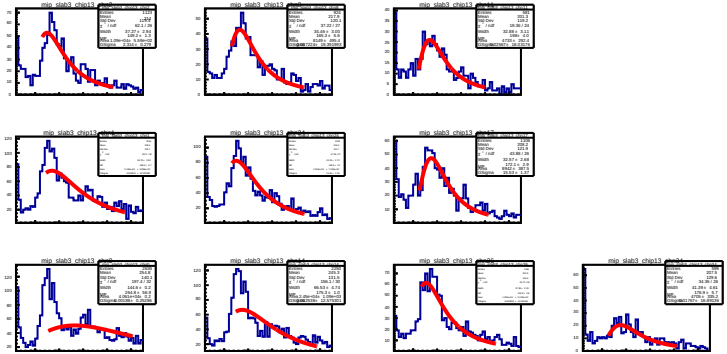
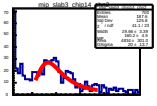
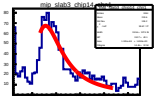
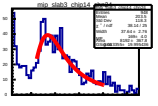
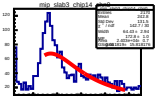
mip_slab3_chip12
mip_slab3_chip12
mip_slab3_chip12
mip_slab3_chip12

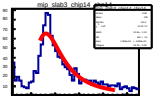

mip_slab3_chip13_chan1
mip_slab3_chip13_chan2
mip_slab3_chip13_chan3
mip_slab3_chip13_chan4
mip_slab3_chip13_chan5
mip_slab3_chip13_chan6
mip_slab3_chip13_chan7
mip_slab3_chip13_chan8
mip_slab3_chip13_chan9
mip_slab3_chip13_chan10
mip_slab3_chip13_chan11
mip_slab3_chip13_chan12

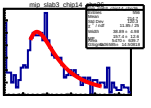

mip_slab3_chip14_strip1
Entries 1000
Mean 37.4
Std Dev 41.13
χ² / ndf 41.13 / 29
Const 29.89 ± 3.29
MPV 100.2 ± 4.6
Width 7.000 ± 0.000
Integral 10.00 ± 11.0

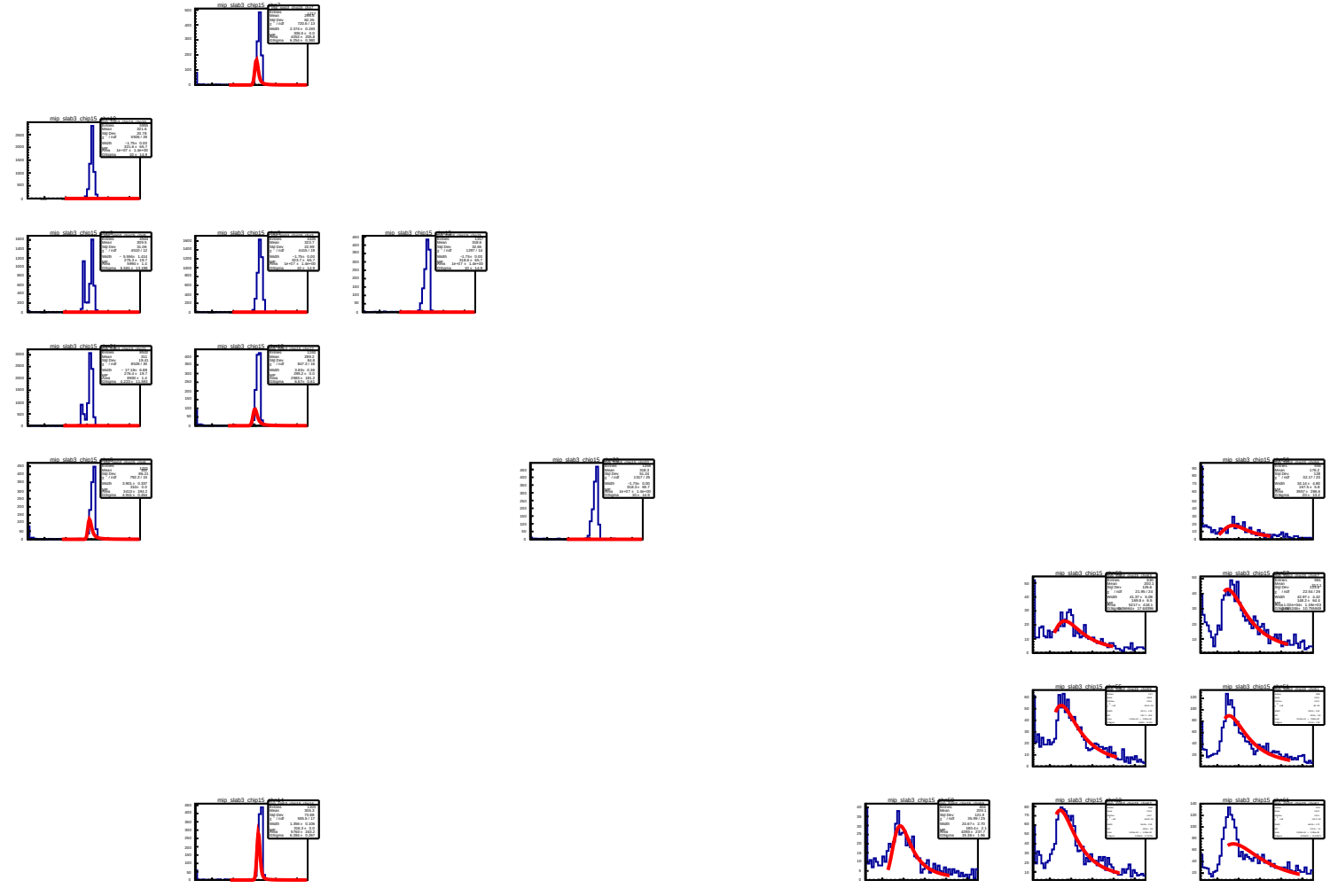

mip_slab3_chip14_strip2
Entries 1000
Mean 37.4
Std Dev 41.13
χ² / ndf 147.7 / 30
Const 64.43 ± 3.94
MPV 100.2 ± 2.7
Width 2.403 ± 0.000
Integral 10.00 ± 14.0

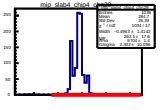

mip_slab3_chip14_strip3
Entries 1000
Mean 37.4
Std Dev 41.13
χ² / ndf 2.000 / 2
Const 37.64 ± 2.75
MPV 2000 ± 0.0
Width 8.000 ± 0.000
Integral 10.00 ± 10.0

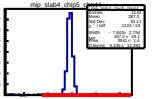

mip_slab3_chip14_strip4
Entries 1000
Mean 37.4
Std Dev 41.13
χ² / ndf 1437.7 / 30
Const 64.43 ± 3.94
MPV 100.2 ± 2.7
Width 2.403 ± 0.000
Integral 10.00 ± 14.0

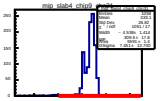

mip_slab3_chip14_strip5
Entries 1000
Mean 37.4
Std Dev 41.13
χ² / ndf 2.000 / 2
Const 37.64 ± 2.75
MPV 2000 ± 0.0
Width 8.000 ± 0.000
Integral 10.00 ± 10.0

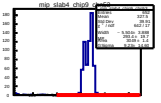

mip_slab3_chip14_strip6
Entries 1000
Mean 37.4
Std Dev 41.13
χ² / ndf 11.85 / 29
Const 28.89 ± 4.99
MPV 100.2 ± 4.6
Width 8.000 ± 0.000
Integral 10.00 ± 14.0

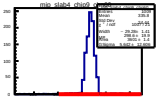

mip slab3 chip15
mip slab3 chip15
mip slab3 chip15

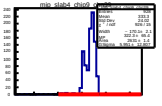

mip slab4 cpb4 ptm20
Entries 2000
Mean 262.9
Std Dev 26.18
χ / ndf 1.08 / 1
p0 0.2963 ± 1.6147
Mean 262.0 ± 0.6
Sigma 2.3270 ± 0.305
250
200
150
100
50
0

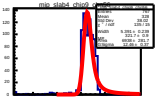

mip slab4 chip5 channel
Entries 3184
Mean 207.3
Std Dev 3.7
χ / ndf 1137.19
Prob 0
Width - 2.615± 2.742
Mean 207.1 ± 0.1
Sigma 3.2
Peaks 1.19± 1.00
350
300
250
200
150
100
50
0

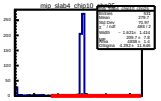

mip_slab4_chip0_stack1
Entries 2214
Mean 2.01
Std Dev 29.02
χ² / ndf 1021 / 17
Width - 0.5384 ± 1.414
Mean 0.0000 ± 0.0
MPV 1.000 ± 1.0
Sigma 0.0017 ± 0.000

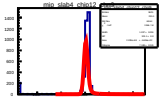

mip_slab4_chip0_stack2
Entries 2214
Mean 2.01
Std Dev 327.5
χ² / ndf 6427 / 17
Width - 0.5610 ± 3.0000
Mean 0.0000 ± 0.0
MPV 10.00 ± 0.0
Sigma 0.0000 ± 0.000

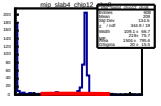

mip_slab4_chip0_stack3
Entries 2214
Mean 2.01
Std Dev 1.0E+04
χ² / ndf 1.0E+04 / 17
Width - 29.39± 1.41
Mean 200.0 ± 0.0
MPV 200.0 ± 0.0
Sigma 0.0000 ± 0.000

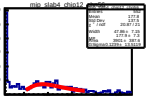

mip_slab4_chip0_stack4
Entries 2214
Mean 2.01
Std Dev 2.0E+04
χ² / ndf 2.0E+04 / 17
Width - 170.1± 2.1
Mean 102.2± 0.0
MPV 200.0± 0.0
Sigma 0.0000 ± 0.0

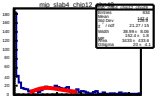

mip_slab4_chip0_stack5
Entries 2214
Mean 2.01
Std Dev 19.02
χ² / ndf 135 / 15
Width 5.391 ± 0.025
Mean 19.00
MPV 19.00 ± 29.2
Sigma 12.01 ± 0.0

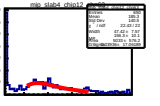

mip_slab4_chn313_mx_05
Entries 2557
Mean 33.57
Std Dev 2857.1
Width 1.025± 1.414
Sigma 2.414± 3.3
Mean 2836± 3.5
Sigma 2.417± 11.4
300
250
200
150
100
50
0

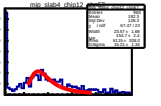

mip_slab4_chip12_ch0
Entries 1000
Mean 1.000
Std Dev 0.0000
χ² / ndf 0.0000
Width 0.0000 ± 0.0000
MPV 1.000 ± 0.000
Integral 1000.0 ± 0.0000

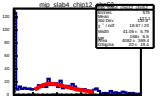

mip_slab4_chip12_ch1
Entries 1000
Mean 1.000
Std Dev 0.0000
χ² / ndf 0.0000
Width 0.0000 ± 0.0000
MPV 1.000 ± 0.000
Integral 1000.0 ± 0.0000

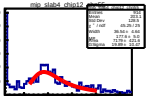

mip_slab4_chip12_ch2
Entries 1000
Mean 1.000
Std Dev 0.0000
χ² / ndf 0.0000
Width 0.0000 ± 0.0000
MPV 1.000 ± 0.000
Integral 1000.0 ± 0.0000

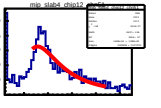

mip_slab4_chip12_ch3
Entries 1000
Mean 1.000
Std Dev 0.0000
χ² / ndf 0.0000
Width 0.0000 ± 0.0000
MPV 1.000 ± 0.000
Integral 1000.0 ± 0.0000

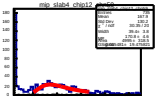

mip_slab4_chip12_ch4
Entries 1000
Mean 1.000
Std Dev 0.0000
χ² / ndf 0.0000
Width 0.0000 ± 0.0000
MPV 1.000 ± 0.000
Integral 1000.0 ± 0.0000

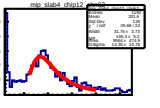

mip_slab4_chip12_ch5
Entries 1000
Mean 1.000
Std Dev 0.0000
χ² / ndf 0.0000
Width 0.0000 ± 0.0000
MPV 1.000 ± 0.000
Integral 1000.0 ± 0.0000

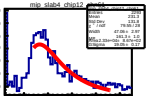

mip_slab4_chip12_ch6
Entries 1000
Mean 1.000
Std Dev 0.0000
χ² / ndf 0.0000
Width 0.0000 ± 0.0000
MPV 1.000 ± 0.000
Integral 1000.0 ± 0.0000


mip_slab4_chip12_ch7
Entries 1000
Mean 1.000
Std Dev 0.0000
χ² / ndf 0.0000
Width 0.0000 ± 0.0000
MPV 1.000 ± 0.000
Integral 1000.0 ± 0.0000

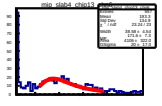

mip_slab4_chip12_ch8
Entries 1000
Mean 1.000
Std Dev 0.0000
χ² / ndf 0.0000
Width 0.0000 ± 0.0000
MPV 1.000 ± 0.000
Integral 1000.0 ± 0.0000

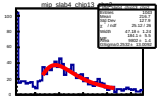

mip_slab4_chip12_ch9
Entries 1000
Mean 1.000
Std Dev 0.0000
χ² / ndf 0.0000
Width 0.0000 ± 0.0000
MPV 1.000 ± 0.000
Integral 1000.0 ± 0.0000

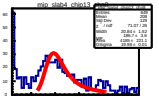

mip_slab4_chip12_ch10
Entries 1000
Mean 1.000
Std Dev 0.0000
χ² / ndf 0.0000
Width 0.0000 ± 0.0000
MPV 1.000 ± 0.000
Integral 1000.0 ± 0.0000

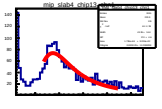

mip_slab4_chip12_ch11
Entries 1000
Mean 1.000
Std Dev 0.0000
χ² / ndf 0.0000
Width 0.0000 ± 0.0000
MPV 1.000 ± 0.000
Integral 1000.0 ± 0.0000

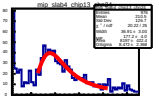
mip slab4 chip13
Entries 1018
Mean 19.62
Std Dev 7.08
χ² / ndf 26.47 / 13
Width 18.37 ± 1.0
MPV 189.31 ± 18.0
Integral 20 ± 0.0

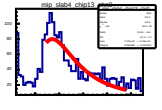

mip slab4 chip13
Entries 1018
Mean 19.5
Std Dev 13.0
χ² / ndf 23.26 / 20
Width 18.98 ± 4.9
MPV 1109.1 ± 107.2
Integral 20 ± 0.0

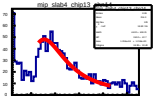

mip slab4 chip13
Entries 1018
Mean 22.4
Std Dev 12.7
χ² / ndf 25.12 / 29
Width 17.18 ± 1.23
MPV 169.1 ± 5.6
Integral 20 ± 0.0
Integral peak 11.1/0.0

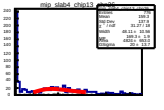

mip slab4 chip13
Entries 1018
Mean 23.4
Std Dev 12.7
χ² / ndf 15.07 / 29
Width 20.84 ± 1.51
MPV 186.7 ± 7.4
Integral 20 ± 0.0
Integral 13.9/1.4 - 22.1

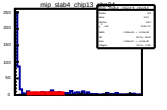

mip slab4 chip13
Entries 1018
Mean 24.1
Std Dev 12.7
χ² / ndf 35.92 / 30
Width 17.7 ± 2.3
MPV 177.2 ± 2.5
Integral 8.07/1.4 - 20.0

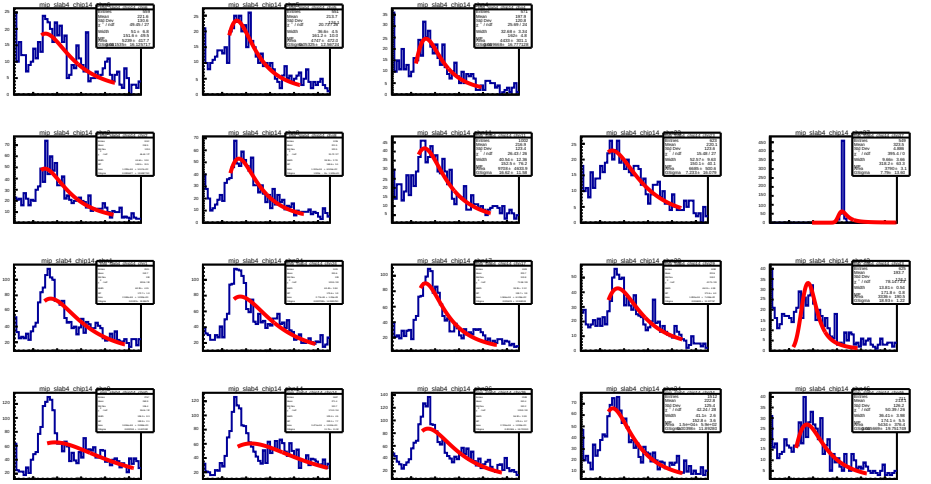

mip slab4 chip13
Entries 1018
Mean 24.5
Std Dev 12.7
χ² / ndf 35.92 / 30
Width 17.7 ± 2.3
MPV 177.2 ± 2.5
Integral 8.07/1.4 - 20.0


mip slab4 chip13
Entries 1018
Mean 24.1
Std Dev 12.7
χ² / ndf 35.92 / 30
Width 17.7 ± 2.3
MPV 177.2 ± 2.5
Integral 8.07/1.4 - 20.0


mip slab4 chip13
Entries 1018
Mean 24.5
Std Dev 12.7
χ² / ndf 35.92 / 30
Width 17.7 ± 2.3
MPV 177.2 ± 2.5
Integral 8.07/1.4 - 20.0


mip slab4 chip13
Entries 1018
Mean 19.62
Std Dev 7.08
χ² / ndf 31.377 / 18
Width 49.11 ± 18.96
MPV 4.8e+3 ± 1.1e+3
Integral 20 ± 0.0


mip slab4 chip13
Entries 1018
Mean 19.62
Std Dev 7.08
χ² / ndf 26.47 / 13
Width 18.37 ± 1.0
MPV 189.31 ± 18.0
Integral 20 ± 0.0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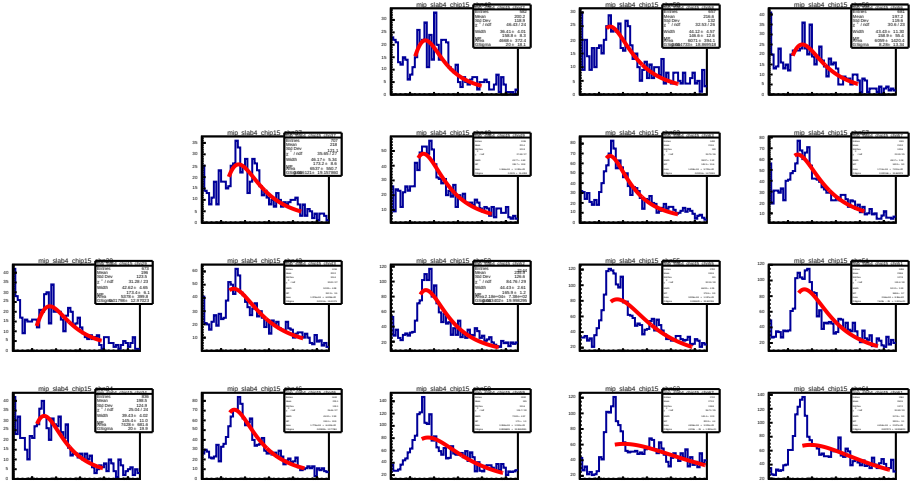
mip_slab4_chip15
Mean
Std Dev
χ² / ndf
Width
MPV
Integral