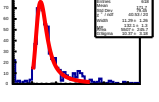
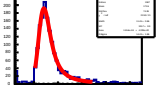
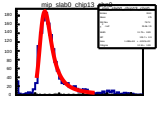
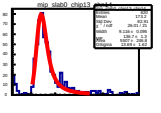
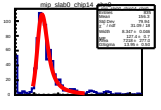
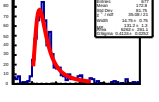

mip_slab0_chip12_ped48
Entries 1024
Mean 11.29
Std Dev 40.92 / 23
χ² / ndf 1.1e+3 / 1.2e+3
Width 11.29 ± 1.26
Mpv 40.92 ± 0.23
Area 9937 ± 245.7
Sigma 10.97 ± 0.16

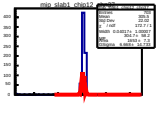

mip_slab0_chip12_ped48

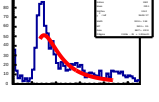

mip_slab0_chip13
Entries 1000
Mean 0.0
RMS 0.0
χ^2 / ndf 0.0 / 0
Width 0.0 ± 0.0
MPV 0.0 ± 0.0
Area 0.0 ± 0.0
Sigma 0.0 ± 0.0

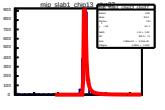

mip_slab0_chip14
Entries 1000
Mean 17.7
RMS 17.6
χ^2 / ndf 26.27 / 21
Width 5.126 ± 0.359
MPV 16.07 ± 0.4
Area 5327 ± 245.3
Sigma 13.49 ± 1.1

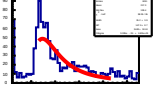

msp slab0 chip14 adc
Entries 1000
Mean 79.63
RMS 31.89
χ^2 / ndf 31.89 / 18
Width 8.347 ± 0.006
Area 1000 ± 0.0
MPV 1320 ± 177.2
Sigma 13.96 ± 0.01
100
80
60
40
20
0

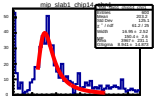

mip slab0 chip15
Entries 1.01E+06
Mean 1.57
RMS 1.11
χ² / ndf 35.20 / 17
Width 14.75 ± 0.76
Mpv 5.07 ± 0.01
Area 6287 ± 261.5
Sigma 0.4155 ± 0.0[illegible]

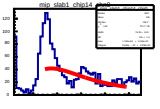

mip_slab1_chip12_strip3
Entries 1000
Mean 205.0
Std Dev 12.72
χ² / ndf 172.7 / 6
Prob 0.0e-01
Constant 1.0000E+3
Mean 204.4 ± 0.4
Sigma 11.72 ± 0.3
Landau 0.0001 ± 0.0
400
350
300
250
200
150
100
50
0

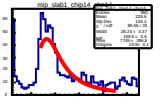

mip_slab1_chip12_strip3
Entries 1000
Mean 205.0
Std Dev 12.72
χ² / ndf 172.7 / 6
Prob 0.0e-01
Constant 1.0000E+3
Mean 204.4 ± 0.4
Sigma 11.72 ± 0.3
Landau 0.0001 ± 0.0
70
60
50
40
30
20
10

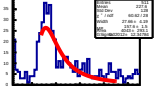

mip slab1 chip13 strip2
Entries 1000
Mean 0.0000
RMS 0.0000
Underflow 0
Overflow 0
Integral 1000.
Skewness 0.0000
Kurtosis 0.0000
Constant 1000.
Mean 0.0000
Sigma 0.0000
900
800
700
600
500
400
300
200
100
0


mip slab1 chip13 strip1
Entries 1000
Mean 0.0000
RMS 0.0000
Underflow 0
Overflow 0
Integral 1000.
Skewness 0.0000
Kurtosis 0.0000
Constant 1000.
Mean 0.0000
Sigma 0.0000
90
80
70
60
50
40
30
20
10
0

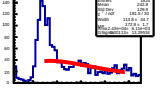

mip slab1 chip14 chn1
Entries 2000
Mean 39.57
Std Dev 125.1
χ² / ndf 61.12 / 7
Width 24.90 ± 2.02
MPV 160.4 ± 2.6
Area 1.000 ± 0.000
Sigma 0.000 ± 13.013

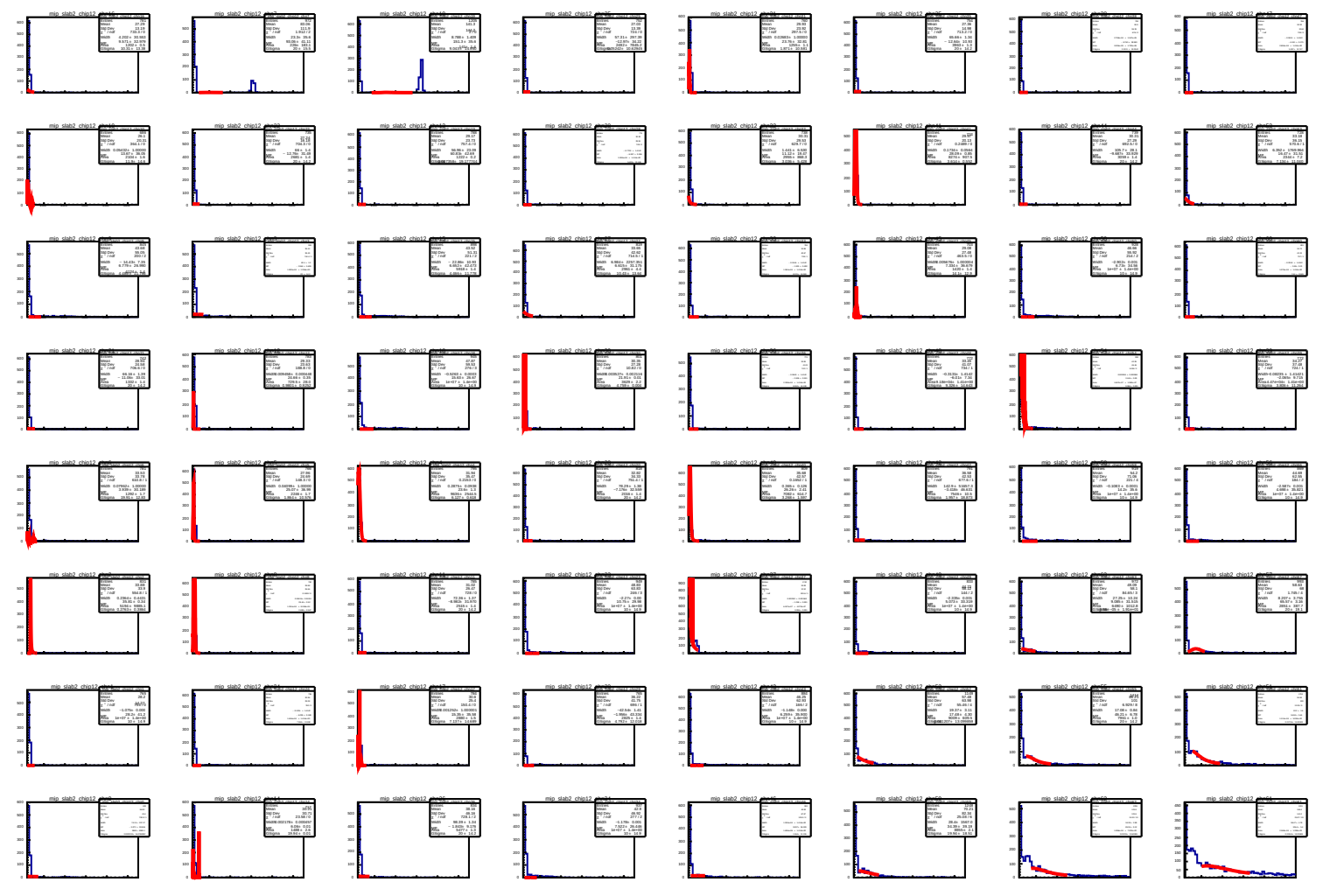

mip slab1 chip14 chn2
Entries 2000
Mean 39.57
Std Dev 125.1
χ² / ndf 61.12 / 7
Width 24.90 ± 2.02
MPV 160.4 ± 2.6
Area 1.000 ± 0.000
Sigma 0.000 ± 13.013

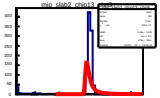

mip slab1 chip14 chn3
Entries 2000
Mean 39.57
Std Dev 125.1
χ² / ndf 61.12 / 7
Width 24.90 ± 2.02
MPV 160.4 ± 2.6
Area 1.000 ± 0.000
Sigma 0.000 ± 13.013

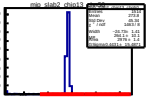

mip slab1 chip15 chan56
Entries 1024
Mean 2.23
Std Dev 1.58
χ² / ndf 60.42 / 20
Width 17.66 ± 2.08
MPV 2.57 ± 0.5
Area 1024 ± 0.0
Prob 0.000
Chisq / ndf 3.021

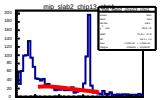
mip slab1 chip15 chan55
Entries 1024
Mean 3.01
Std Dev 1.92
χ² / ndf 122.7 / 19
Width 35.87 ± 9.95
MPV 1.03 ± 0.5
Area 1023 ± 0.0
Prob 0.000
Chisq / ndf 6.456

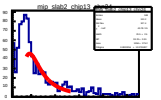

mip slab1 chip15 chan54
Entries 1024
Mean 3.67
Std Dev 2.04
χ² / ndf 115.7 / 19
Width 33.8 ± 41.7
MPV 1.07 ± 0.5
Area 1024 ± 0.0
Prob 0.000
Chisq / ndf 6.089

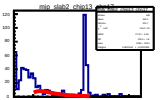


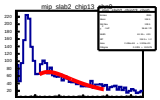

mip slab2 chip13 chan0

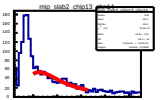

mip slab2 chip13 chan1

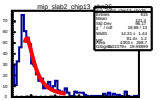

mip slab2 chip13 chan2

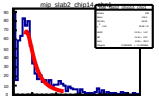

mip slab2 chip13 chan3

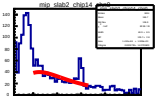

mip slab2 chip13 chan4

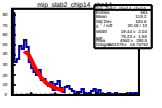

mip slab2 chip13 chan5

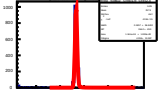

mip slab2 chip13 chan6

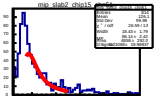

mip slab2 chip13 chan7

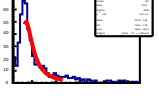

mip_slab2_chip14_chn1

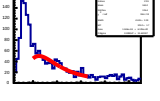

mip_slab2_chip14_chn2

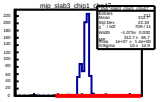

mip_slab2_chip14_chn3
Entries 1107
Mean 10.07
χ² / ndf 10.287 / 11
Width 29.82 ± 2.53
Mean 2.0667 ± 0.0875
Sigma 0.5175 ± 0.0875

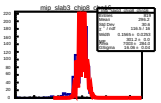

mip_slab2_chip15_ch13
Entries 1000
Mean 0.0
Std Dev 0.0
Underflow 0.0
Overflow 0.0
Integral 1000.0
Mean 0.0 ± 0.0
Sigma 0.0 ± 0.0
Chi2 / ndf 0.0 / 0
Prob 0.0
Const 1000.0 ± 0.0
Mean 0.0 ± 0.0
Sigma 0.0 ± 0.0
1000
800
600
400
200
0

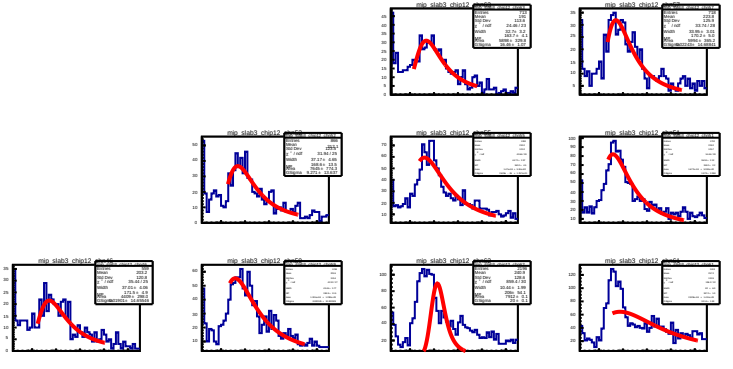

mip_slab2_chip15_ch12
Entries 1000
Mean 2.0
Std Dev 99.98
Underflow 0.0
Overflow 0.0
Integral 1000.0
Mean 28.14 ± 2.16
Sigma 68.31 ± 1.53
Chi2 / ndf 80.47 / 27
Const 35.25 ± 1.19
Mean 28.14 ± 2.16
Sigma 68.31 ± 1.53
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5

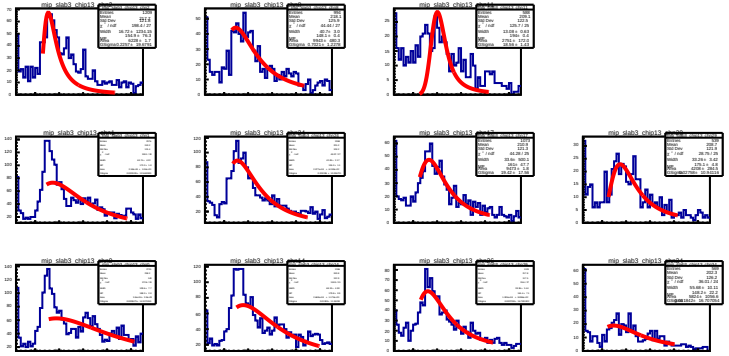

mip_slab2_chip15_ch10
Entries 1000
Mean 0.0
Std Dev 0.0
Underflow 0.0
Overflow 0.0
Integral 1000.0
Mean 0.0 ± 0.0
Sigma 0.0 ± 0.0
Const 1000.0 ± 0.0
Mean 0.0 ± 0.0
Sigma 0.0 ± 0.0
70
60
50
40
30
20
10
0

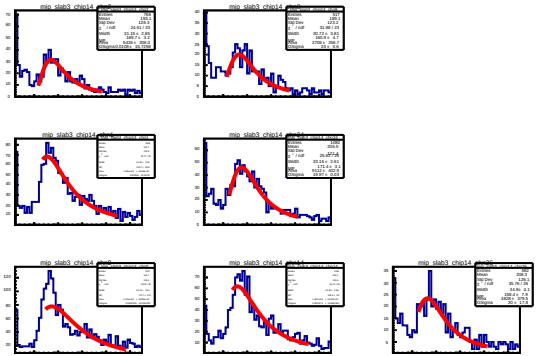

mip_slab2_chip15_ch14
Entries 1000
Mean 0.0
Std Dev 0.0
Underflow 0.0
Overflow 0.0
Integral 1000.0
Mean 0.0 ± 0.0
Sigma 0.0 ± 0.0
Const 1000.0 ± 0.0
Mean 0.0 ± 0.0
Sigma 0.0 ± 0.0
100
90
80
70
60
50
40
30
20
10
0

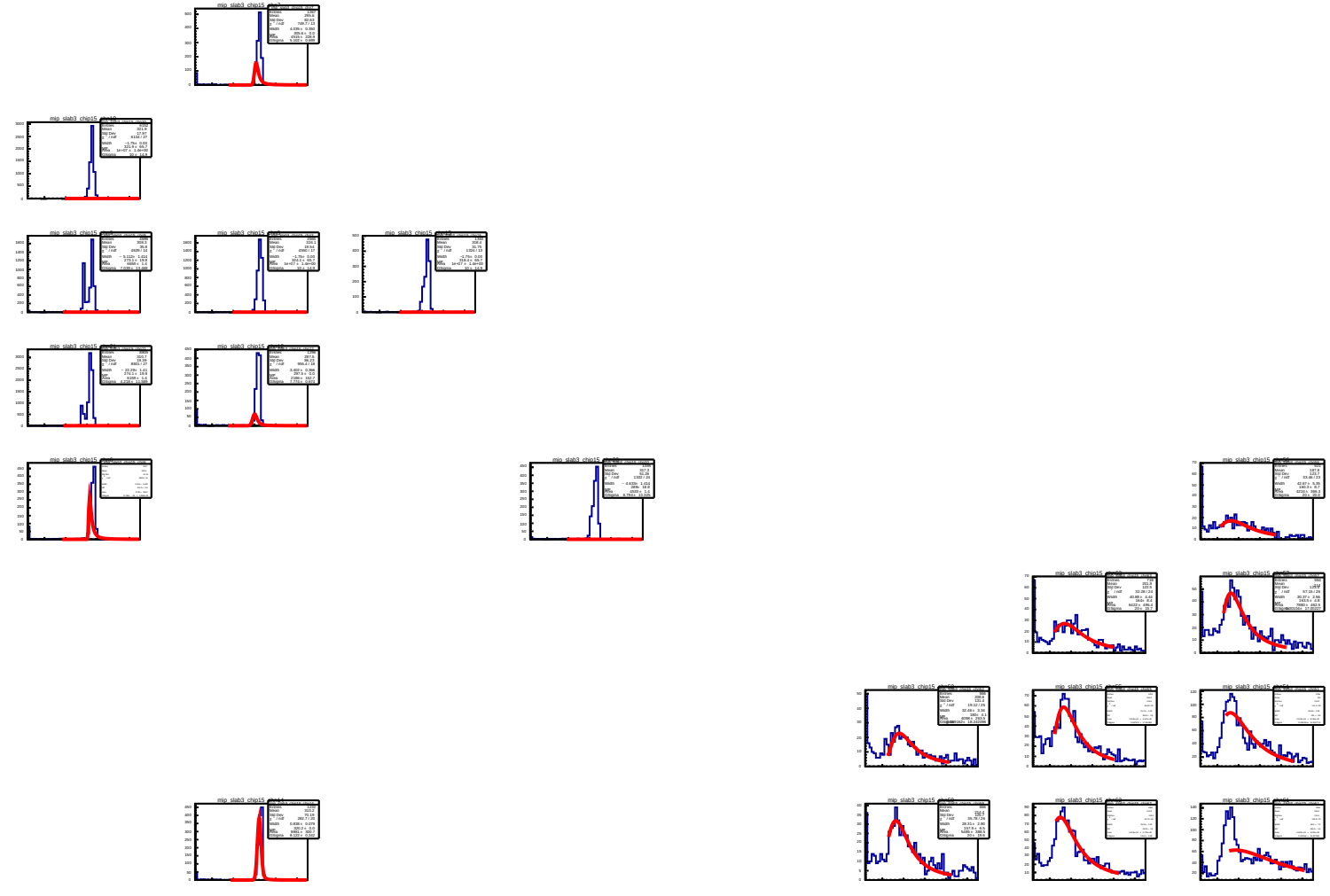

mip_slab3_chip1_chan3
Entries 1000
Mean 1.07
Std Dev 22.18
χ² / ndf 309.11
Width 0.375± 0.012
Mean 1.07
Sigma 0.017 ± 0.015
Integral 2.01 ± 0.03

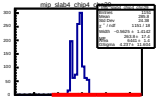

msp_slab3_chip8_chip5
Statistics on Histogram
Entries 1000
Mean 29.17
RMS 30.4
Underflow 0
Overflow 0
Integral 1000.0 ± 0.0
Skewness 0.1884 ± 0.0788
Kurtosis -0.7222 ± 0.1577
Mean x 29.17
RMS x 30.4
220
200
180
160
140
120
100
80
60
40
20
0

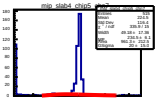

mip_slab3_chip12_chan56
Entries 1224
Mean 0.00
Std Dev 2.14
χ² / ndof 24.48 / 23
Width 32.70 ± 3.2
MPV 193.7 ± 4.4
Area 1224 ± 0.0
Sigma 10.49 ± 0.02
mip_slab3_chip12_chan57
Entries 1224
Mean 0.00
Std Dev 2.14
χ² / ndof 33.74 / 18
Width 33.90 ± 3.01
MPV 170.2 ± 5.2
Area 1224 ± 0.0
Sigma 10.49 ± 0.02
mip_slab3_chip12_chan58
Entries 1224
Mean 0.00
Std Dev 2.14
χ² / ndof 37.17 / 17
Width 33.6 ± 2.1
MPV 168.6 ± 3.7
Area 1224 ± 0.0
Sigma 10.49 ± 0.02
mip_slab3_chip12_chan59
mip_slab3_chip12_chan60
mip_slab3_chip12_chan61
mip_slab3_chip12_chan62
mip_slab3_chip12_chan63
mip_slab3_chip12_chan64
mip_slab3_chip12_chan65

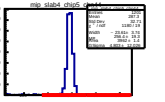

mip_slab3_chip13_chan1
mip_slab3_chip13_chan2
mip_slab3_chip13_chan3
mip_slab3_chip13_chan4
mip_slab3_chip13_chan5
mip_slab3_chip13_chan6
mip_slab3_chip13_chan7
mip_slab3_chip13_chan8
mip_slab3_chip13_chan9
mip_slab3_chip13_chan10
mip_slab3_chip13_chan11
mip_slab3_chip13_chan12

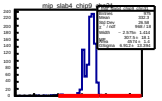

mip_slab3_chip14_strip1
Entries 1024
Mean 159.1
Std Dev 24.517
χ² / ndf 24.517 / 29
width 21.19 ± 2.05
MPV 109.7 ± 0.2
Area 1000.0 ± 0.0
Integral 1000, 0a 1000
mip_slab3_chip14_strip2
Entries 1024
Mean 160.1
Std Dev 31.987
χ² / ndf 31.987 / 28
width 30.77 ± 3.91
MPV 160.8 ± 0.7
Area 1000.0 ± 0.0
Integral 1000, 0a 1000
mip_slab3_chip14_strip3
Entries 1024
Mean 171.4
Std Dev 33.24
χ² / ndf 33.24 / 27
width 33.24 ± 3.41
MPV 171.4 ± 0.7
Area 1000.0 ± 0.0
Integral 1000, 0a 1000
mip_slab3_chip14_strip4
Entries 1024
Mean 202.9
Std Dev 42.7
χ² / ndf 42.7 / 28
width 33.24 ± 3.41
MPV 171.4 ± 0.7
Area 1000.0 ± 0.0
Integral 1000, 0a 1000
mip_slab3_chip14_strip5
Entries 1024
Mean 180.1
Std Dev 35.767
χ² / ndf 35.767 / 28
width 34.06 ± 4.1
MPV 180.1 ± 0.7
Area 1000.0 ± 0.0
Integral 1000, 0a 1000
mip_slab3_chip14_strip6
Entries 1024
Mean 330.1
Std Dev 35.767
χ² / ndf 35.767 / 28
width 34.06 ± 4.1
MPV 180.1 ± 0.7
Area 1000.0 ± 0.0
Integral 1000, 0a 1000
mip_slab3_chip14_strip7
Entries 1024
Mean 330.1
Std Dev 35.767
χ² / ndf 35.767 / 28
width 34.06 ± 4.1
MPV 180.1 ± 0.7
Area 1000.0 ± 0.0
Integral 1000, 0a 1000

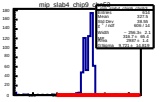

mip slab3 chip15
Entries
Mean
Std Dev
χ² / ndf
Width
MPV
Integral

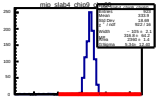

mip slab4 chip4 strip0
Entries 2000
Mean 250.2
Std Dev 22.18
χ / ndf 1.e+06 / 0
p0 0.3625 ± 3.6145
Mean 263.6 ± 22.4
Sigma 4.2750 ± 0.303
Integral 2.2750 ± 0.303
300
250
200
150
100
50
0

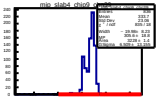

mip slab4 chip5 chan5
Entries 1000
Mean 2015
Std Dev 110.6
χ² / ndf 239.97 / 5
Width 39.34 ± 17.38
Area 1000 ± 0.0
MPV 992.23 ± 0.0
Sigma 39.0 ± 0.0

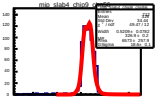

mip slab4 chip5 chan6
Entries 1000
Mean 187.3
Std Dev 11.67
χ² / ndf 1187.7 / 3
Width − 20.81± 0.70
Area 1000 ± 0.0
MPV 186.0 ± 0.2
Sigma 11.67 ± 0.0

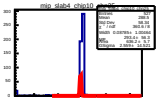

mip_slab4_chip2_ch24
Entries 1 Mean x 2.976
Mean 2.976
Std Dev 0.0000
N / ndf 0 / 0
Width - 2.976± 3.414
Area 1.000 ± 0.0
Mean 2976 ± 0.0
Sigma 0.0000 ± 0.000

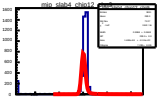

mip_slab4_chip2_ch25
Entries 3 Mean x 3.333
Mean 3.333
Std Dev 0.4714
N / ndf 6.000 / 1
Width - 298.3± 3.3
Area 2.000 ± 0.0
Mean 3333 ± 0.0
Sigma 0.7071 ± 0.000

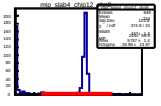

mip_slab4_chip2_ch26
Entries 3 Mean x 3.333
Mean 3.333
Std Dev 0.4714
N / ndf 6.000 / 1
Width 333± 3.3
Area 2.000 ± 0.0
Mean 3333 ± 0.0
Sigma 0.7071 ± 0.000

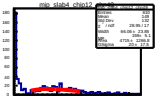

mip_slab4_chip2_ch27
Entries 3 Mean x 3.333
Mean 3.333
Std Dev 0.4714
N / ndf 6.000 / 1
Width - 15.98± 8.23
Area 2.000 ± 0.0
Mean 3333 ± 0.0
Sigma 0.7071 ± 0.000

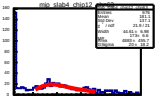

mip_slab4_chip2_ch28
Entries 1 Mean x 3.000
Mean 3.000
Std Dev 0.0000
N / ndf 0 / 0
Width 0.5000± 0.0000
Area 1.000 ± 0.0
Mean 3000 ± 0.0
Sigma 0.0000 ± 0.000

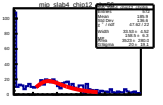

mip_slab4_chip12_ch25
Entries 2857
Mean 265.7
Std Dev 16.15
χ² / ndf 302.5 / 5
Width 0.0270±0.1.0000
Peak 2511.1 ± 3.7
Sigma 0.0017 ± 0.1
Integral 2.8457e+04
300
250
200
150
100
50
0

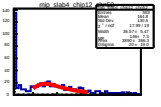

mip_slab4_chip12_ch0
Entries 1667
Mean 1.054
Std Dev 0.0
χ² / ndf 0.0
Width 0.0
Mean 1.054 ± 0.000
Sigma 0.000 ± 0.000

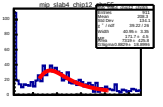

mip_slab4_chip12_ch5
Entries 1667
Mean 1.054
Std Dev 0.0
χ² / ndf 0.0
Width 0.0
Mean 1.054 ± 0.000
Sigma 0.000 ± 0.000

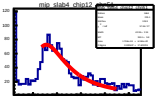

mip_slab4_chip12_ch10
Entries 1667
Mean 1.054
Std Dev 0.0
χ² / ndf 0.0
Width 0.0
Mean 1.054 ± 0.000
Sigma 0.000 ± 0.000

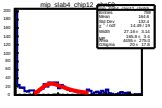

mip_slab4_chip12_ch15
Entries 1667
Mean 1.054
Std Dev 0.0
χ² / ndf 0.0
Width 0.0
Mean 1.054 ± 0.000
Sigma 0.000 ± 0.000

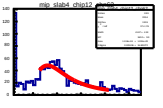

mip_slab4_chip12_ch20
Entries 1667
Mean 1.054
Std Dev 0.0
χ² / ndf 0.0
Width 0.0
Mean 1.054 ± 0.000
Sigma 0.000 ± 0.000

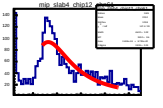

mip_slab4_chip12_ch25
Entries 1667
Mean 1.054
Std Dev 0.0
χ² / ndf 0.0
Width 0.0
Mean 1.054 ± 0.000
Sigma 0.000 ± 0.000

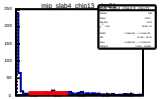

mip_slab4_chip12_ch30
Entries 1667
Mean 1.054
Std Dev 0.0
χ² / ndf 0.0
Width 0.0
Mean 1.054 ± 0.000
Sigma 0.000 ± 0.000

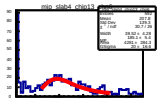

mip_slab4_chip12_ch35
Entries 1667
Mean 1.054
Std Dev 0.0
χ² / ndf 0.0
Width 0.0
Mean 1.054 ± 0.000
Sigma 0.000 ± 0.000

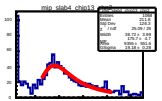

mip_slab4_chip12_ch40
Entries 1667
Mean 1.054
Std Dev 0.0
χ² / ndf 0.0
Width 0.0
Mean 1.054 ± 0.000
Sigma 0.000 ± 0.000

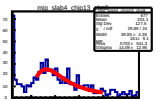

mip_slab4_chip12_ch45
Entries 1667
Mean 1.054
Std Dev 0.0
χ² / ndf 0.0
Width 0.0
Mean 1.054 ± 0.000
Sigma 0.000 ± 0.000

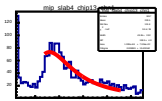

mip_slab4_chip12_ch50
Entries 1667
Mean 1.054
Std Dev 0.0
χ² / ndf 0.0
Width 0.0
Mean 1.054 ± 0.000
Sigma 0.000 ± 0.000

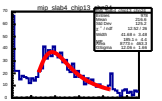

mip slab4 chip13 strip15
Entries 1
Mean 0.5
RMS 0.5
χ² / ndof 0.00 / 0
Constant 1.000 ± 0.000
Mean 0.500 ± 0.000
Sigma 0.000 ± 0.000

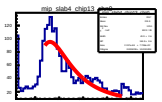

mip slab4 chip13 strip16
Entries 1000
Mean 37.7
Std Dev 13.4
χ² / ndof 30.77 / 39
Constant 1000 ± 0.0
Mean 2.0 ± 0.0
Sigma 2.0 ± 0.0

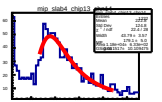

mip slab4 chip13 strip17
Entries 1000
Mean 211.8
Std Dev 29.7
χ² / ndof 29.08 / 29
Constant 28.72 ± 3.59
Mean 175.7 ± 4.7
Sigma 29.0 ± 3.3
Constant 13.16 ± 0.18

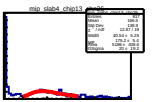

mip slab4 chip13 strip18
Entries 1000
Mean 277.1
Std Dev 29.8
χ² / ndof 29.80 / 28
Constant 39.85 ± 4.25
Mean 324.7 ± 3
Sigma 29.8 ± 2.1
Constant 9.281 ± 0.08

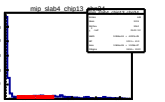

mip slab4 chip13 strip19
Entries 1000
Mean 152.4
Std Dev 121.2
χ² / ndof 41.64 / 39
Constant 41.64 ± 3.49
Mean 185.1 ± 2.2
Sigma 121.2 ± 1.6
Constant 12.03 ± 0.03

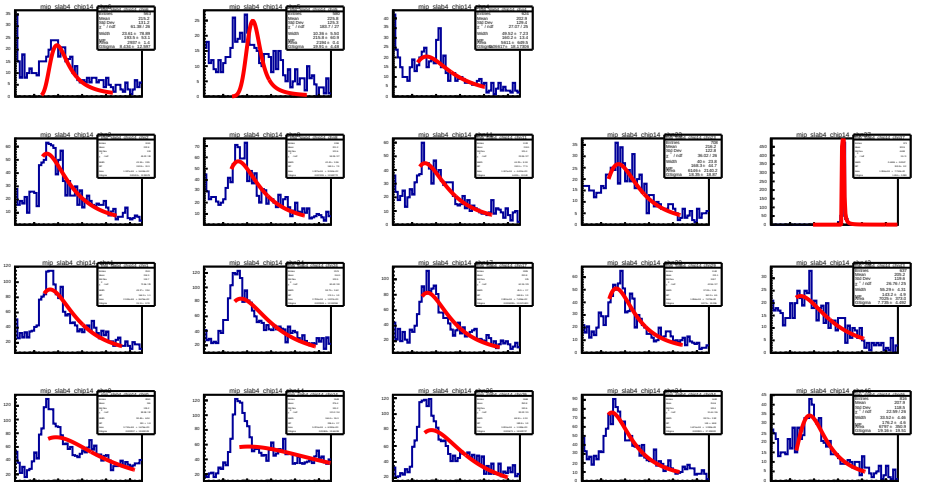

mip slab4 chip13 strip20
Entries 1000
Mean 210.7
Std Dev 121.2
χ² / ndof 41.64 / 39
Constant 41.64 ± 3.49
Mean 185.1 ± 2.2
Sigma 121.2 ± 1.6
Constant 12.03 ± 0.03

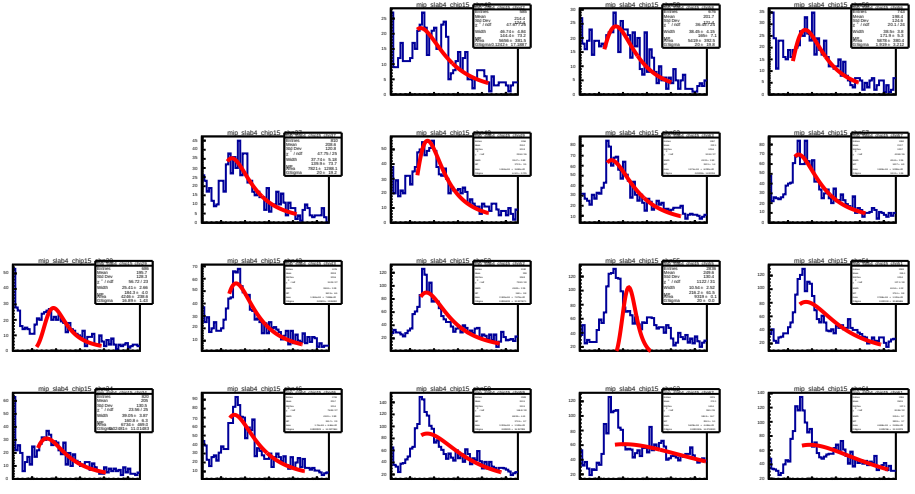

mip slab4 chip13 strip21
Entries 1000
Mean 152.4
Std Dev 121.2
χ² / ndof 41.64 / 39
Constant 41.64 ± 3.49
Mean 185.1 ± 2.2
Sigma 121.2 ± 1.6
Constant 12.03 ± 0.03


mip slab4 chip13 strip22
Entries 1000
Mean 210.7
Std Dev 121.2
χ² / ndof 41.64 / 39
Constant 41.64 ± 3.49
Mean 185.1 ± 2.2
Sigma 121.2 ± 1.6
Constant 12.03 ± 0.03


mip slab4 chip13 strip23
Entries 1000
Mean 186.6
Std Dev 12.8
χ² / ndof 12.87 / 18
Constant 82.64 ± 9.29
Mean 186.6 ± 0.4
Sigma 12.80 ± 0.29
Constant 20 ± 0.0


mip slab4 chip13 strip24
Entries 1
Mean 0.5
RMS 0.5
χ² / ndof 0.00 / 0
Constant 1.000 ± 0.000
Mean 0.500 ± 0.000
Sigma 0.000 ± 0.000


mip slab4 chip14
mip slab4 chip14
mip slab4 chip14


mip_slab4_chip15_chan0
mip_slab4_chip15_chan1
mip_slab4_chip15_chan2
mip_slab4_chip15_chan3
mip_slab4_chip15_chan4
mip_slab4_chip15_chan5
mip_slab4_chip15_chan6
mip_slab4_chip15_chan7
mip_slab4_chip15_chan8
mip_slab4_chip15_chan9
mip_slab4_chip15_chan10
mip_slab4_chip15_chan11
mip_slab4_chip15_chan12
mip_slab4_chip15_chan13
mip_slab4_chip15_chan14
mip_slab4_chip15_chan15
mip_slab4_chip15_chan16
mip_slab4_chip15_chan17
mip_slab4_chip15_chan18
mip_slab4_chip15_chan19