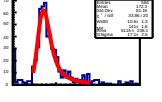
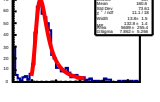
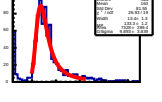
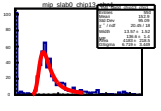
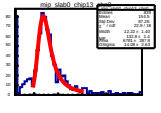
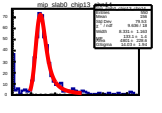

mip_slab0_chip12_chan56
Entries 1000
Mean 1.027
Std Dev 81.38
χ² / ndf 9.9 / 6
Width 13.6± 1.6
MPV 111.0± 3.6
Integral 27.7 ± 0.8

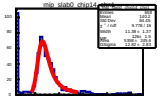

mip_slab0_chip12_chan55
Entries 1000
Mean 160.6
Std Dev 11.17 ± 0.18
χ² / ndf 19.8 / 13
Width 13.6± 1.6
MPV 111.0± 3.6
Integral 7.002 ± 0.206

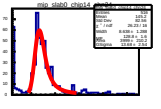

mip_slab0_chip12_chan54
Entries 1000
Mean 1.027
Std Dev 81.38
χ² / ndf 29.8 / 13
Width 13.6± 1.6
MPV 111.0± 3.6
Integral 8.995 ± 0.264

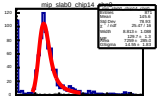

mip_slab0_chip13_chan1
Entries 1000
Mean 19.12
Std Dev 89.09
χ² / ndf 20.08 / 8
Const 13.57 ± 1.53
MPV 128.6 ± 1.4
Width 8.231 ± 1.000
Integral 0.0191 ± 0.0003

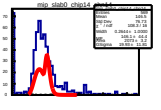

mip_slab0_chip13_chan2
Entries 1000
Mean 19.61
Std Dev 89.78
χ² / ndf 22.67 / 8
Const 12.22 ± 1.43
MPV 128.9 ± 1.4
Width 9.783 ± 1.007
Integral 0.0196 ± 0.0003

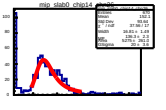

mip_slab0_chip13_chan3
Entries 1000
Mean 19.22
Std Dev 79.72
χ² / ndf 9.108 / 10
Const 8.331 ± 1.303
MPV 130.1 ± 1.4
Width 8.601 ± 1.000
Integral 0.0167 ± 0.0003

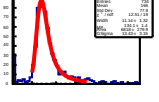

mip_slab0_chip14_chan1
Entries 1000
Mean 19.17
Std Dev 80.65
χ² / ndf 9.7 / 10
Prob
MPV 11.38 ± 1.17
Width 2.06 ± 2.5
Integral 1000 ± 0.0
Integral 12.64 ± 12.63

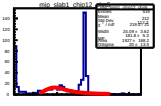

mip_slab0_chip14_chan2
Entries 1000
Mean 19.57
Std Dev 82.56
χ² / ndf 7.4 / 10
Prob
MPV 8.938 ± 1.149
Width 128.8 ± 2.6
Integral 1000 ± 0.0
Integral 13.64 ± 13.63

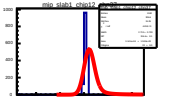

mip_slab0_chip14_chan3
Entries 1000
Mean 19.61
Std Dev 79.15
χ² / ndf 25.87 / 10
Prob
MPV 8.813 ± 1.098
Width 1.29 ± 2.6
Integral 1000 ± 0.0
Integral 14.96 ± 14.95

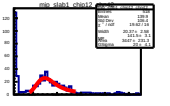

mip_slab0_chip14_chan4
Entries 1000
Mean 19.07
Std Dev 74.17
χ² / ndf 108.57 / 10
Prob
MPV 1.264 ± 1.0302
Width 0.01 ± 2.6
Integral 1000 ± 0.0
Integral 29.97 ± 1.74


mip_slab0_chip14_chan5
Entries 1000
Mean 19.61
Std Dev 79.61
χ² / ndf 37.80 / 10
Prob
MPV 16.65 ± 1.49
Width 2.06 ± 2.5
Integral 1000 ± 0.0
Integral 26 ± 0.0


mip slab0 chip15 ped0
Entries 1000
Mean 1.04
RMS 0.14
Underflow 0
Overflow 0
χ² / ndf 12.51 / 14
Width 0.150 ± 0.10
Mpv 0.966 ± 0.01
Area 1020 ± 29.5
Sigma 0.054 ± 0.0

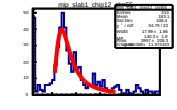

mip slab1 chip12 chan25
Mean 212
Std Dev 22.0
χ² / ndf 87.0 / 25
Width 20.00 ± 3.21
Area 2.67 ± 0.12
MPV 190.7 ± 1.1
Sigma 17.1 ± 0.8


mip slab1 chip12 chan32
Mean 190.9
Std Dev 19.1
χ² / ndf 19.4 / 18
Width 20.37 ± 2.55
Area 3.07 ± 0.12
MPV 184.7 ± 1.1
Sigma 17.1 ± 0.8

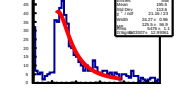

mip slab1 chip12 chan33
Mean 199
Std Dev 20.3
χ² / ndf 40.7 / 16
Width 19.89 ± 5.38
Area 1.00 ± 0.07
MPV 163.6 ± 2.0
Sigma 22.1 ± 1.7

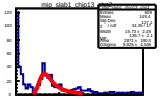
mip slab1 chip12 chan34
Mean 194
Std Dev 19.8
χ² / ndf 9.8 / 14
Width 21.91 ± 2.35
Area 2.60 ± 2.9
MPV 184.8 ± 1.1
Sigma 17.8 ± 0.8

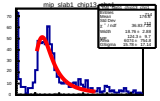
mip slab1 chip12 chan35
Mean 193.5
Std Dev 19.1
χ² / ndf 34.7 / 17
Width 17.90 ± 1.66
Area 3.60 ± 1.6
MPV 189.7 ± 0.9
Sigma 14.7 ± 0.8

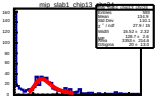

mip slab1 chip12 chan36
Mean 201.1
Std Dev 19.3
χ² / ndf 9.1 / 14
Width 23.31 ± 3.4
Area 1.13 ± 0.4
MPV 193.1 ± 3.4
Sigma 19.7 ± 2.8

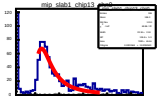
mip slab1 chip12 chan37
Mean 196.5
Std Dev 19.0
χ² / ndf 21.1 / 13
Width 20.37 ± 0.99
Area 3.07 ± 0.12
MPV 189.1 ± 1.1
Sigma 17.1 ± 0.8

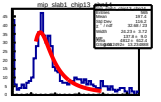

mip slab1 chip12 chan38
Mean 200.8
Std Dev 19.6
χ² / ndf 54.4 / 17
Width 19.90 ± 1.15
Area 3.60 ± 0.17
MPV 192.7 ± 0.8
Sigma 16.7 ± 0.7

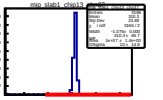

mip slab1 chip13 strip1
Entries 1024
Mean 119.0
Std Dev 17.17
χ² / ndf 34.00 / 24
Width 19.72 ± 2.25
Mean 116.7 ± 3.1
Area 2.7e+04 ± 1.4e+04
Sigma 0.0261 ± 0.0028

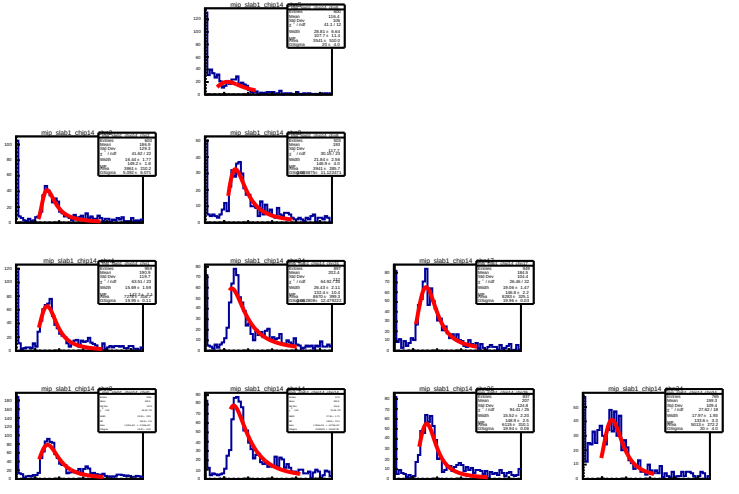

mip slab1 chip13 strip2
Entries 1024
Mean 119.0
Std Dev 16.47
χ² / ndf 36.02 / 22
Width 18.76 ± 3.69
Mean 122.2 ± 8.7
Area 1.9e+04 ± 1.1e+04
Sigma 20.79 ± 13.14


mip slab1 chip13 strip3
Entries 1024
Mean 119.0
Std Dev 3.16
χ² / ndf 1.00 / 1
Width 15.52 ± 2.15
Mean 120.7 ± 2.6
Area 1.9e+04 ± 1.1e+04
Sigma 0.0223 ± 0.0013


mip slab1 chip13 strip4
Entries 1024
Mean 119.0
Std Dev 16.47
χ² / ndf 32.87 / 21
Width 26.23 ± 3.12
Mean 116.7 ± 2.1
Area 2.6e+04 ± 1.3e+04
Sigma 0.0260 ± 0.0018


mip slab1 chip13 strip5
Entries 1024
Mean 119.0
Std Dev 16.47
χ² / ndf 32.87 / 21
Width 26.23 ± 3.12
Mean 116.7 ± 2.1
Area 2.6e+04 ± 1.3e+04
Sigma 0.0260 ± 0.0018


mip slab1 chip13 strip6
Entries 1024
Mean 119.0
Std Dev 3.16
χ² / ndf 2169.17 / 1
Width 0.2750 ± 0.002
1319.9 ± 66.7
Mean 54.7407 ± 0.0001
Sigma 0.1 ± 0.1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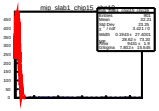
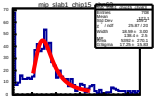
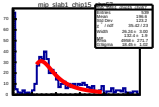
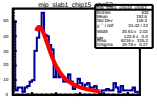
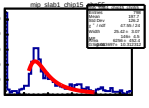
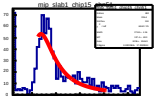

mip slab1 chip15 chan30
Entries 1000
Mean 25.21
Std Dev 3.021 / 0
χ² / ndf 0.9445 / 27.6826
Width 27.6826 ± 0.0
MPV 0.9445 ± 0.0
Integral 7.6857 ± 0.0

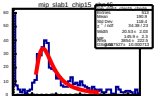

mip slab1 chip15 chan31
Entries 1000
Mean 29.87
Std Dev 2.63 / 0
χ² / ndf 29.87 / 20
Width 29.87 ± 2.63
MPV 28.99 ± 3.00
Integral 138.4 ± 2.6
Sigma 1.7 ± 0.0
Chi2/ndf 17.05 ± 15.50

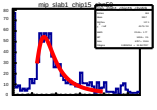

mip slab1 chip15 chan32
Entries 1000
Mean 29.62
Std Dev 2.18 / 0
χ² / ndf 29.62 / 18
Width 29.62 ± 2.18
MPV 132.4 ± 1.9
Integral 138.4 ± 2.6
Sigma 1.5 ± 0.0
Chi2/ndf 13.81 ± 7.02

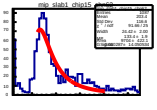

mip slab1 chip15 chan33
Entries 1000
Mean 29.17
Std Dev 139.2
χ² / ndf 47.9 / 0
Width 29.42 ± 3.07
MPV 139.2 ± 0.0
Integral 29.42 ± 3.07
Sigma 0.0 ± 0.0
Chi2/ndf 47.90 ± 10.0000

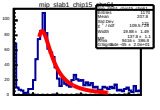

mip slab1 chip15 chan34
Entries 1000
Mean 29.17
Std Dev 139.2
χ² / ndf 47.9 / 0
Width 29.42 ± 3.07
MPV 139.2 ± 0.0
Integral 29.42 ± 3.07
Sigma 0.0 ± 0.0
Chi2/ndf 47.90 ± 10.0000

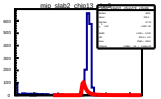

mip slab1 chip15 chan35
Entries 1000
Mean 29.17
Std Dev 139.2
χ² / ndf 47.9 / 0
Width 29.42 ± 3.07
MPV 139.2 ± 0.0
Integral 29.42 ± 3.07
Sigma 0.0 ± 0.0
Chi2/ndf 47.90 ± 10.0000


mip slab1 chip15 chan36
Entries 1000
Mean 34.38
Std Dev 2.03 / 0
χ² / ndf 34.38 / 19
Width 34.38 ± 2.03
MPV 1.0 ± 0.0
Integral 1.0 ± 0.0
Sigma 0.0 ± 0.0
Chi2/ndf 34.38 ± 14.0000


mip slab1 chip15 chan37
Entries 1000
Mean 33.62
Std Dev 2.03 / 0
χ² / ndf 33.62 / 19
Width 33.62 ± 2.03
MPV 1.0 ± 0.0
Integral 1.0 ± 0.0
Sigma 0.0 ± 0.0
Chi2/ndf 33.62 ± 14.0000


mip slab1 chip15 chan38
Entries 1000
Mean 33.62
Std Dev 2.03 / 0
χ² / ndf 33.62 / 19
Width 33.62 ± 2.03
MPV 1.0 ± 0.0
Integral 1.0 ± 0.0
Sigma 0.0 ± 0.0
Chi2/ndf 33.62 ± 14.0000


mip slab1 chip15 chan39
Entries 1000
Mean 33.62
Std Dev 2.03 / 0
χ² / ndf 33.62 / 19
Width 33.62 ± 2.03
MPV 1.0 ± 0.0
Integral 1.0 ± 0.0
Sigma 0.0 ± 0.0
Chi2/ndf 33.62 ± 14.0000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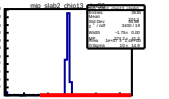
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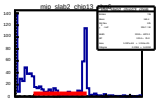
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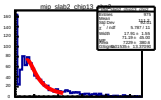
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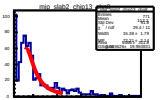
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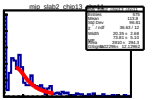
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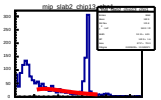
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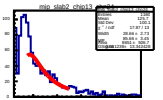
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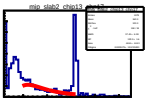
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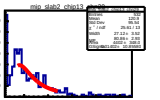
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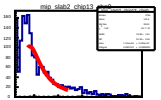
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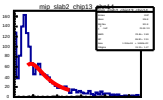
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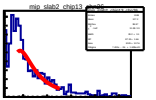
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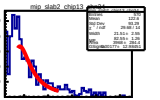
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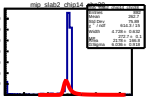
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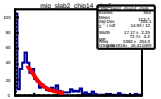
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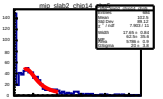
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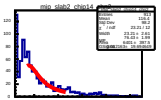
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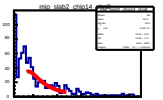
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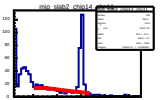
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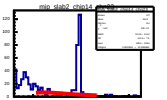
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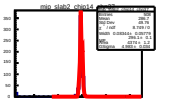
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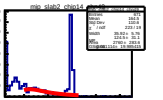
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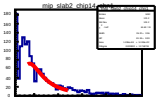
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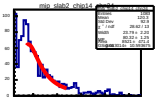
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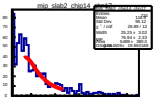
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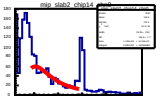
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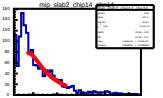
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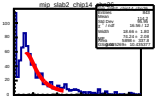
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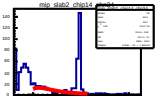
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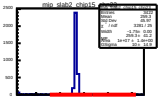
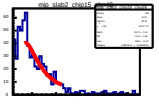

mip_slab2_chip15_chan32
Entries 2000
Mean 1000.5
Std Dev 577.4
χ² / ndf 3381 / 65
Width -1.7± 0.0
-19.3± 21.2
Mean 34.97 ± 0.01
Integral 1.0 ± 0.0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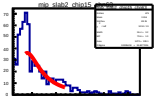
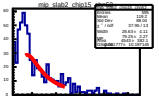
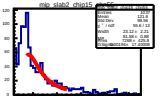
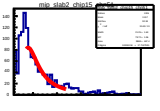
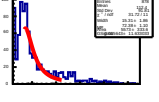
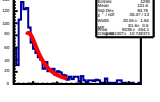

mip_slab2_chip15_chan34
Entries 1000
Mean 500.5
Std Dev 288.7
χ² / ndf 1000 / 65
Width 19.97 ± 1.70
Mean 85.97 ± 0.54
Integral 1.0 ± 0.0

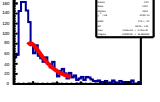

mip_slab2_chip15_chan35
Entries 1000
Mean 500.5
Std Dev 88.02
χ² / ndf 1000 / 65
Width 19.97 ± 1.70
Mean 79.29 ± 2.27
Integral 79.0 ± 0.0

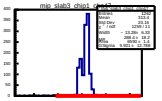

mip_slab2_chip15_chan36
Entries 1000
Mean 500.5
Std Dev 88.02
χ² / ndf 1000 / 65
Width 23.32 ± 2.31
Mean 85.98 ± 0.80
Integral 1000.0 ± 0.0

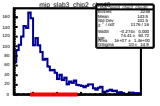

mip_slab2_chip15_chan37

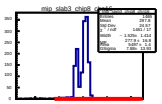

mip_slab2_chip15_chan38
Entries 1000
Mean 500.5
Std Dev 122.6
χ² / ndf 31.72 / 11
Width 19.35 ± 1.95
Mean 50.01 ± 0.71
Integral 1000.0 ± 0.0

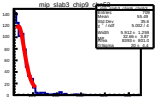

mip_slab2_chip15_chan39
Entries 1000
Mean 500.5
Std Dev 88.02
χ² / ndf 36.47 / 13
Width 20.04 ± 3.66
Mean 85.99 ± 0.61
Integral 1000.0 ± 0.0

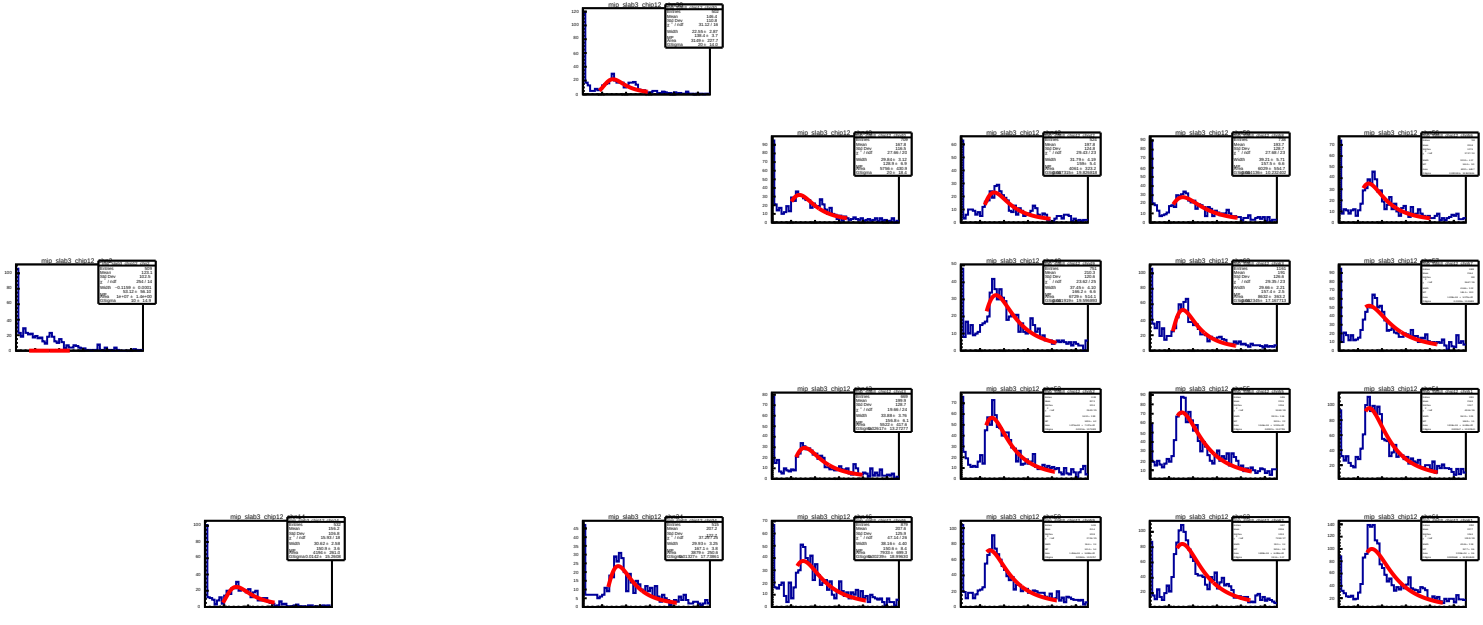

mip_slab2_chip15_chan40


mip_slab3_chip1_chan25
Entries 3324
Mean 25.15
Std Dev 2.093
χ² / ndf 2.093 / 1
Width 0.20± 0.10
Mean 25.00± 0.01
Sigma 0.401± 0.010


mip slab3 chan2 c
Entries 1479
Mean 103.5
Std Dev 33.7
χ / ndf 15767 / 59
Mean 0.231 ± 0.000
Sigma 0.0000 ± 0.0000
MPV 14.07 ± 1.94E-07
Const 21.4 ± 1.3
160
140
120
100
80
60
40
20
0


msp_slab3_chip8_c4ch3
Statistics on Histogram
Entries 1000
Mean 28.12
RMS 28.67
Underflow 0
Overflow 0
Integral 1.414e+3
Skewness 7.686e-1
Kurtosis 2.191
350
300
250
200
150
100
50
0


mip_slab3_chip0_chan0
Entries 1000
Mean 54.58
Underflow 0
Overflow 0
χ² / ndf 5.0027 / 6
Width 5.9310 ± 1.288
Mean 0.0000 ± 0.0000
Sigma 0.0000 ± 0.0000
Constant 24 ± 0.0
120
100
80
60
40
20
0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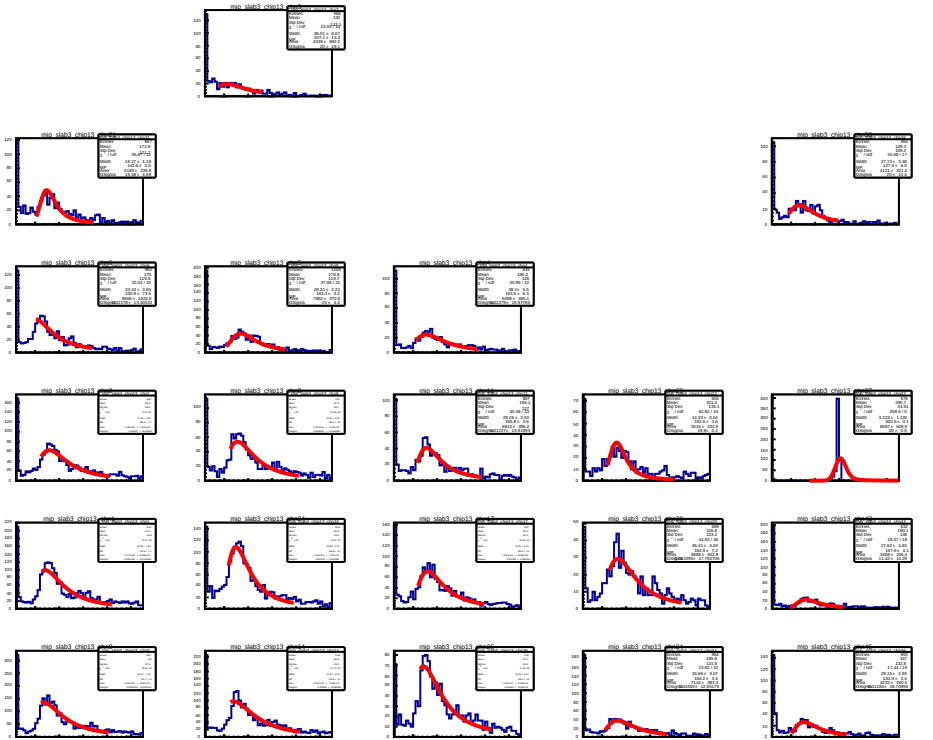
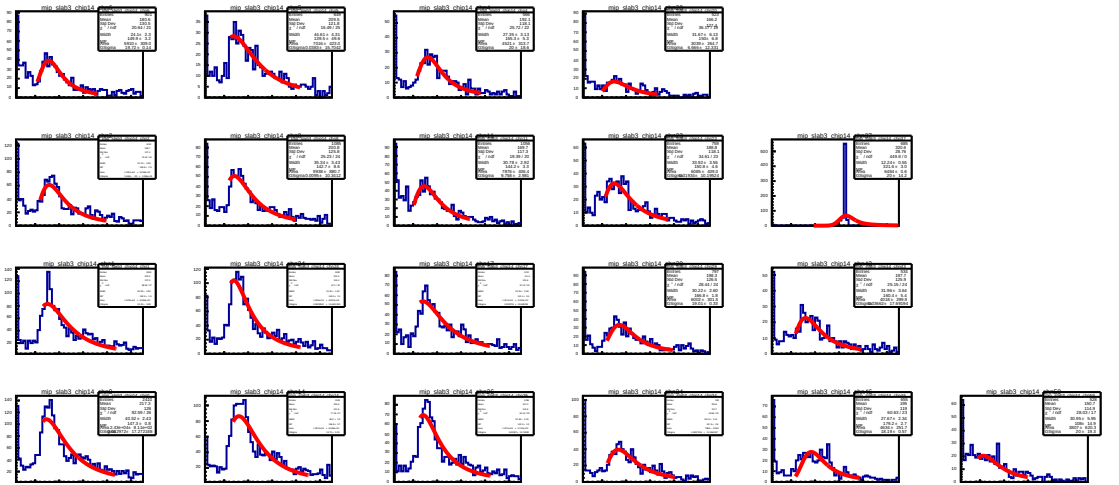
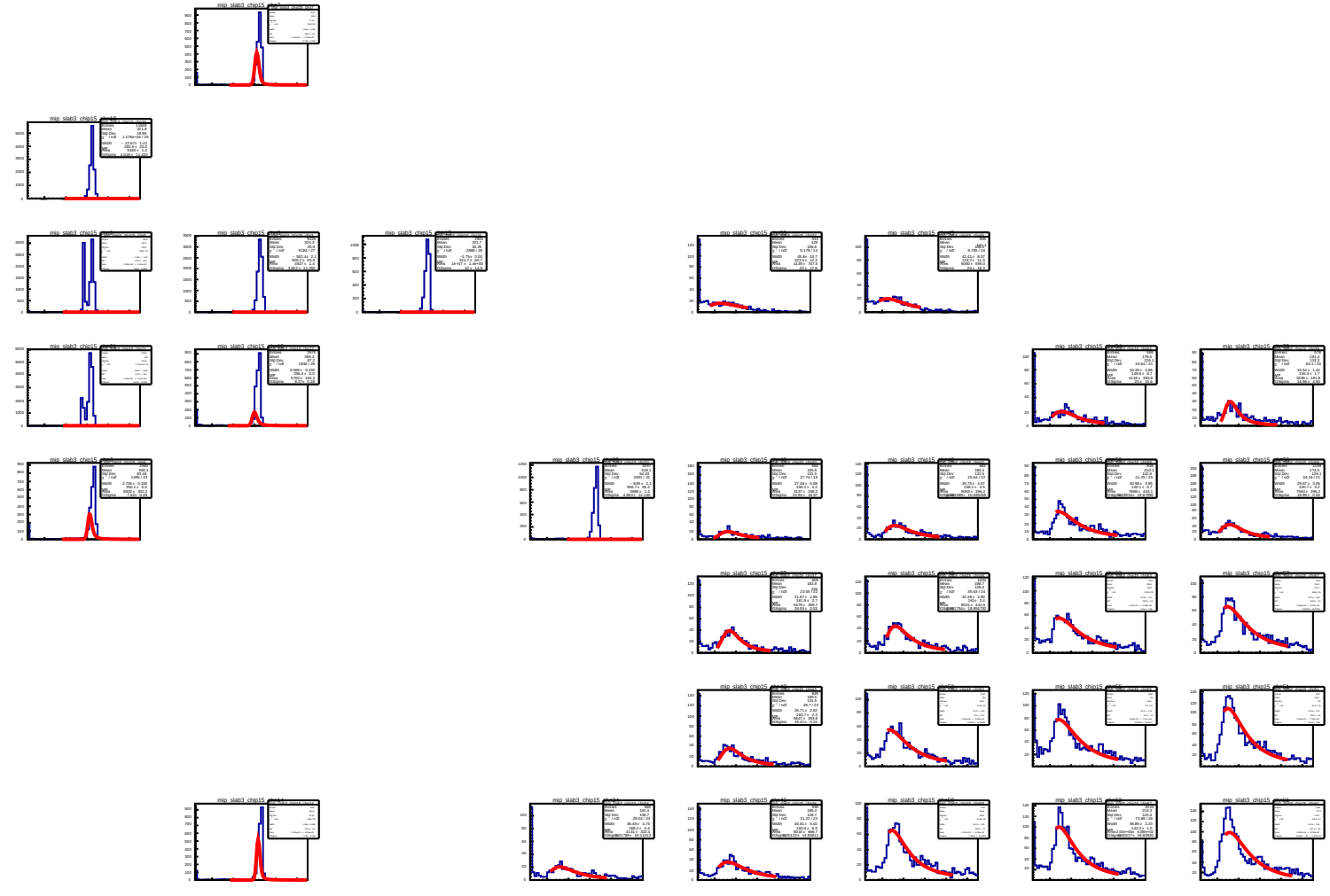
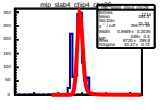
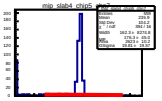
mip_slab3_chip12_ch114
mip_slab3_chip12_ch115
mip_slab3_chip12_ch116
mip_slab3_chip12_ch117
mip_slab3_chip12_ch118
mip_slab3_chip12_ch119
mip_slab3_chip12_ch120
mip_slab3_chip12_ch121
mip_slab3_chip12_ch122
mip_slab3_chip12_ch123
mip_slab3_chip12_ch124
mip_slab3_chip12_ch125
mip_slab3_chip12_ch126
mip_slab3_chip12_ch127

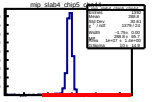


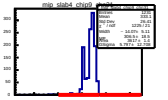

mip slab3 chip14
Mean
Std Dev
χ² / ndf
Width
MPV
Integral

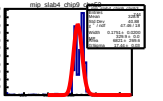


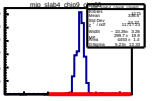

mip slab4 cpu4 run20
Entries 1000
Mean x 1.014
Mean y 1.014
Std Dev x 0.0
Std Dev y 0.0
χ² / ndf 0.0 / 0
Prob 0.0
Constant 1000 ± 0.0
Mean 0.9999 ± 0.0000
Sigma 0.0000 ± 0.0000
Constant 0.0 ± 0.0
Mean 0.9999 ± 0.0000
Sigma 0.0000 ± 0.0000
350
300
250
200
150
100
50
0

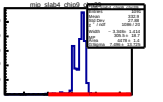

mip slab4 chip5 chan2
Entries 2000
Mean 2017.2
Std Dev 12.12
χ / ndf 2863.4 / 6
width 302.6 ± 8231.8
MPV 1724.4 ± 1.4
Area 2011 ± 12.2
Sigma 14.8 ± 0.1

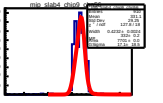

mip slab4 chip5 chan3
Entries 2000
Mean 2002.8
Std Dev 12.12
χ / ndf 1379 / 23
width
0.75± 0.00
MPV 1.4e+07 ± 1.4e+07
Area 27 ± 2.2e+02
Sigma 10.1 ± 0.1

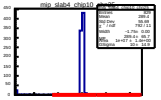

mip_slab4_chip2_ch24
Entries 1024
Mean 9.01
Std Dev 29.41
χ² / ndf 1230 / 21
Prob 0
Constant 9.97 ± 0.31
Mean -10.07 ± 0.6
Sigma 9.747 ± 0.59

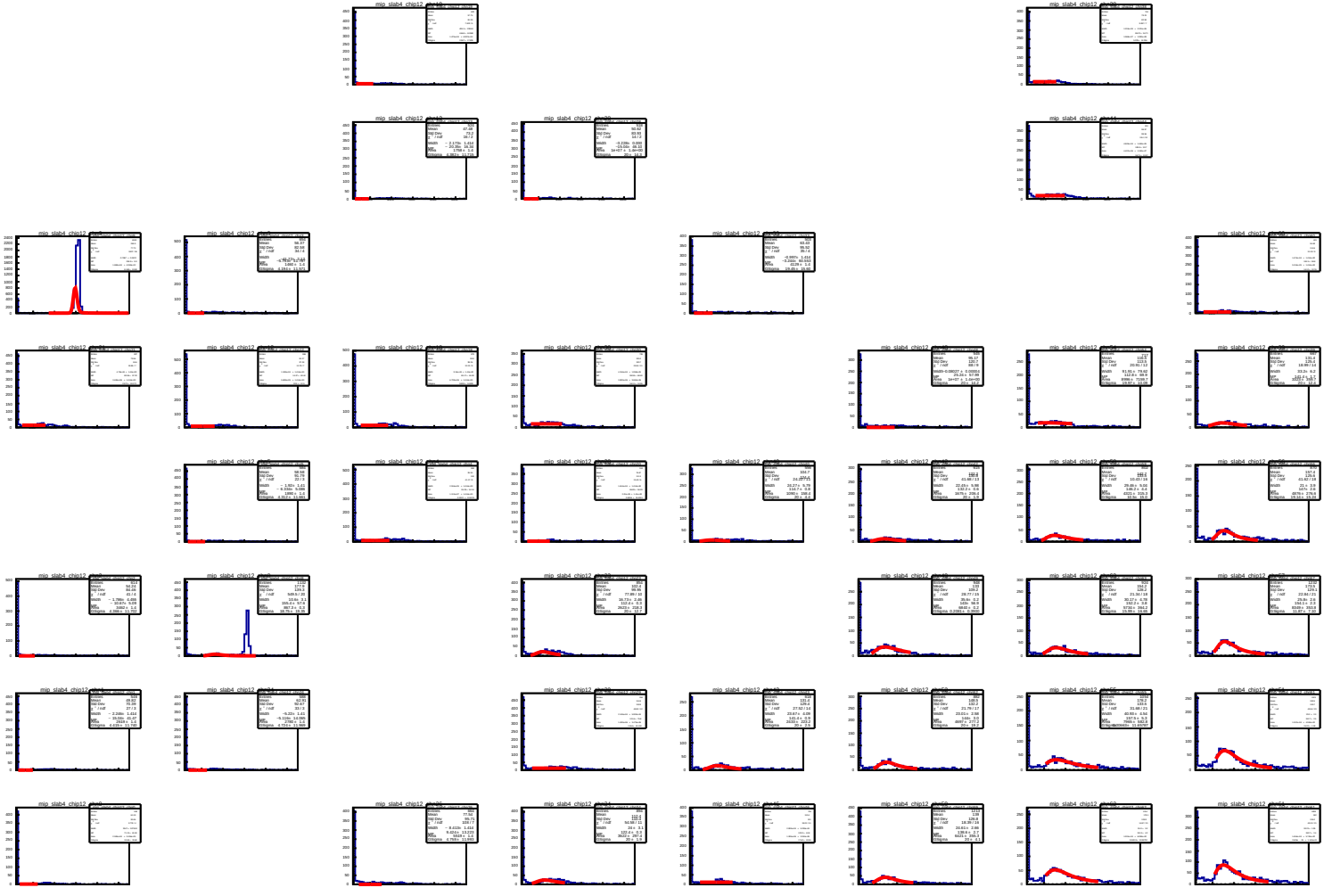

mip_slab4_chip2_ch25
Entries 1024
Mean 3.07
Std Dev 47.49
χ² / ndf 47.49 / 13
Prob 0
Constant 0.1751 ± 0.0350
Mean 3.07 ± 0.07
Sigma 4.623 ± 0.07
Constant 17.64 ± 0.35

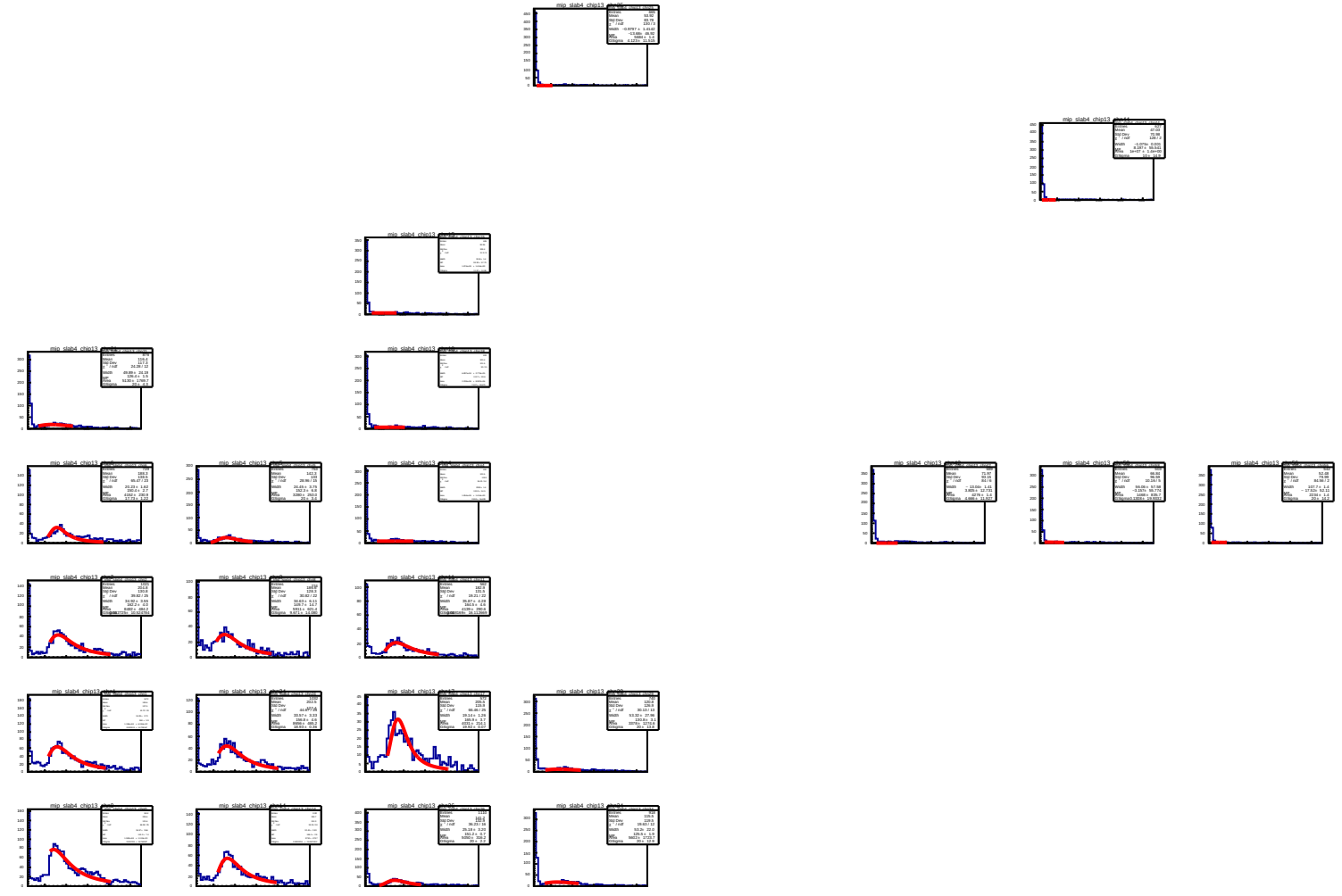
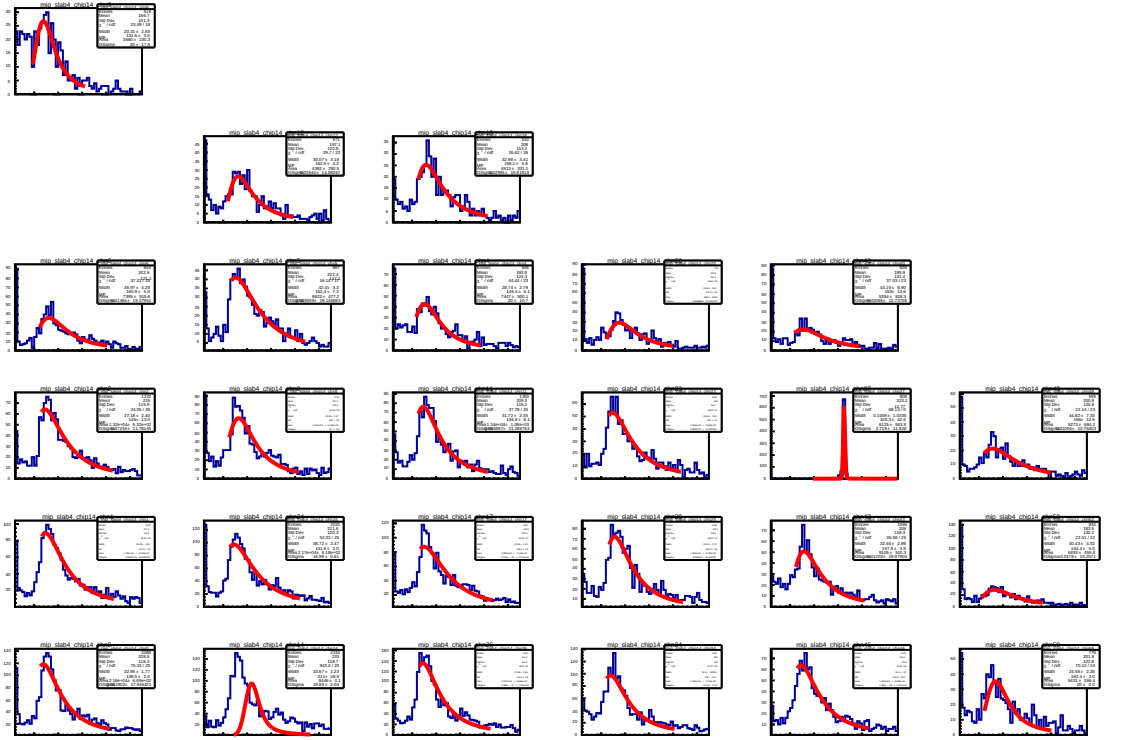
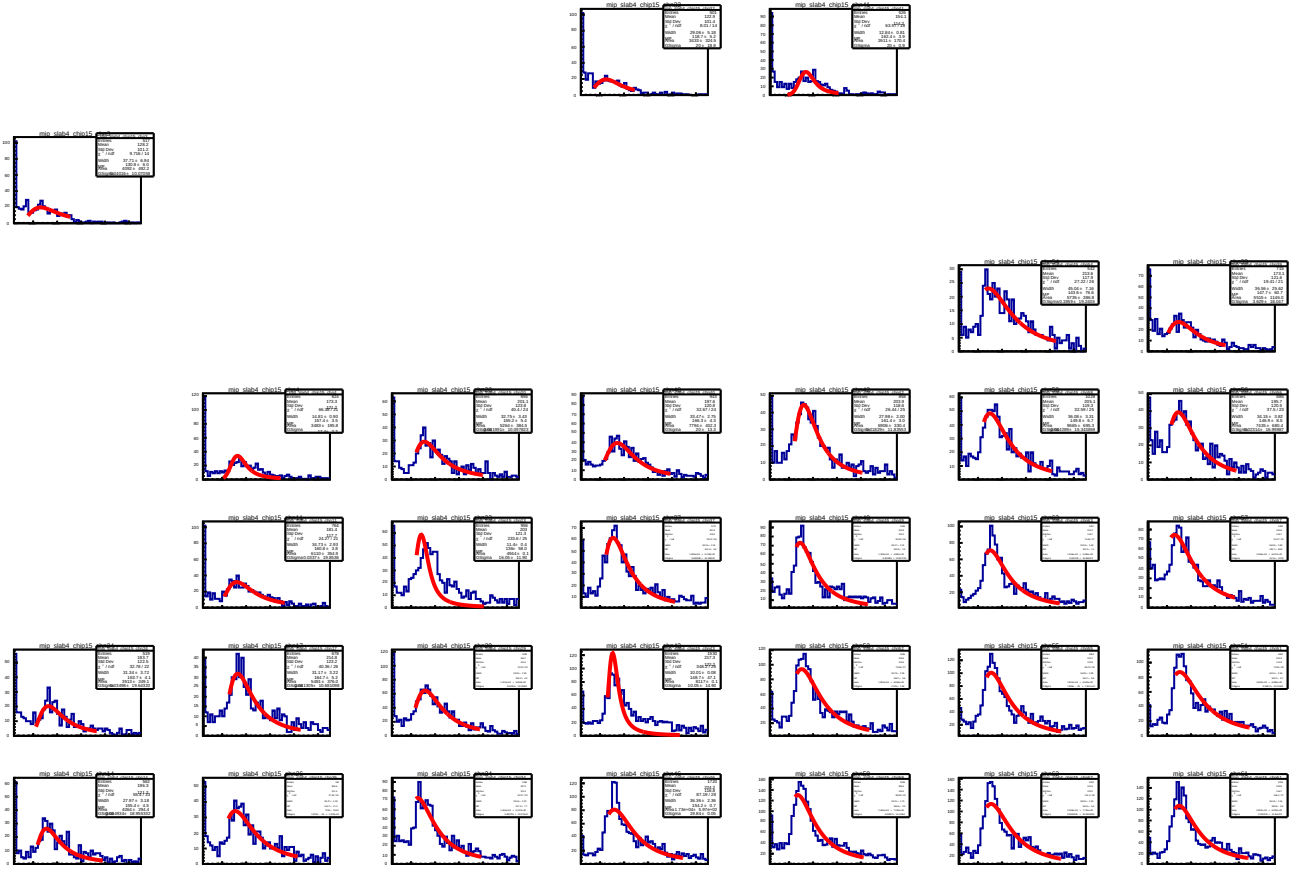

mip_slab4_chip2_ch26
Entries 1024
Mean 3.07
Std Dev 11.07
χ² / ndf 11.07 / 11
Prob 0
Constant 10.39 ± 0.31
Mean 3.07 ± 0.1
Sigma 2.914 ± 0.1
Constant 9.558 ± 0.31


mip_slab4_chip2_ch27
Entries 1024
Mean 3.07
Std Dev 22.48
χ² / ndf 22.48 / 11
Prob 0
Constant 3.369 ± 0.12
Mean 3.07 ± 0.1
Sigma 4.478 ± 0.1
Constant 29.14 ± 0.4


mip_slab4_chip2_ch28
Entries 1024
Mean 3.07
Std Dev 17.17
χ² / ndf 127.8 / 13
Prob 0
Constant 0.4231 ± 0.0053
Mean 3.07 ± 0.01
Sigma 2.741 ± 0.01
Constant 117.4 ± 0.6


mip_slab4_chin33_mm_05
Mean 2815.0
Std Dev 55.05
X : Y-M -792.71
Width 0.75m - 0.12
Area 2815.0 m²
Mode 64-67.5 : 1,441.00
Origin 64.5 - 70.0
400
350
300
250
200
150
100
50
0




mip slab4 chip13
mip slab4 chip13
mip slab4 chip13