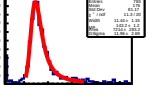
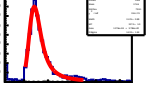
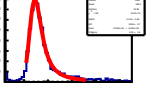
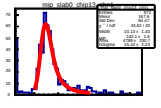
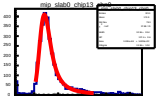
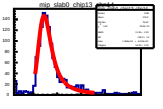

mip_slab0_chip12_chan56
Entries 1000
Mean 8.52
Std Dev 85.17
χ² / ndf 1.08 / 1
Const 11.61 ± 1.05
Mean -103.2 ± 1.2
Sigma 12.84 ± 0.83

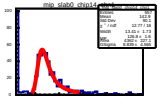

mip_slab0_chip12_chan58

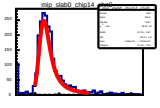

mip_slab0_chip12_chan59

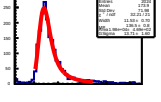

mip_slab0_chip13_chan4
Entries 10000
Mean 37.12
Std Dev 30.47
χ² / ndf 314.6 / 48
Prob 0.000
MPV 142.0 ± 3.6
Width 19.64 ± 0.24
Integral 10.02 ± 0.12

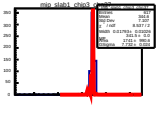

mip_slab0_chip13_chan5

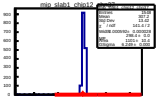

mip_slab0_chip13_chan6

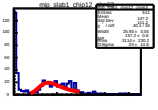

mip_slab0_chip14_chan4
Entries 1000
Mean 14.21
Std Dev 10.1
χ² / ndf 12.7 / 13
Constant 113.42 ± 3.19
MPV 128.8 ± 2.0
Width 2.000 ± 0.000
Area 0.000 ± 0.000
100
80
60
40
20
0

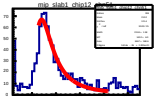

mip_slab0_chip14_chan5
Entries 1000
Mean 14.1
Std Dev 10.1
χ² / ndf 14.7 / 13
Constant 179.4 ± 4.0
MPV 14.04 ± 0.02
Width 1.000 ± 0.000
Area 0.000 ± 0.000
250
200
150
100
50
0

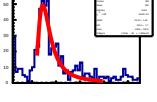

mip_slab0_chip15_gain30
Entries 2000
Mean 2.07
Mean x 2.08
Std Dev 0.48
χ² / ndf 32.23 / 15
Width 11.50 ± 0.70
Sigma 0.42 ± 0.02
MPV 1.98e+02 ± 2.00e+02
Integral 15.10 ± 1.0
250
200
150
100
50
0

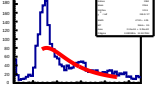

mip_slab1_chip3_cut10
Entries 1314
Mean 79.18
Std Dev 19.07
Integral 8.937e+
Mean x 0.01781± 0.03209
Std Dev x 0.01259± 0.04
MPV 7.721± 0.018
Sigma 7.721± 0.018
350
300
250
200
150
100
50
0

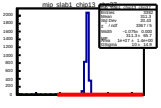

mip slab1 chip12 chan32
Entries 1334
Mean 32.2
Sigma 32.2
Chi2 / ndf 141.4 / 2
Const 0.0000000 ± 0.0000000
MPV 298.6 ± 0.0
Sigma 0.000 ± 0.000
Integral 0.000 ± 0.000

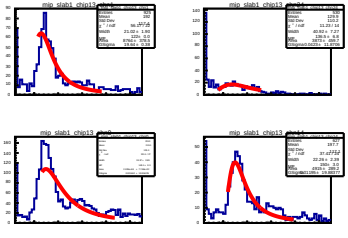

mip slab1 chip12 chan32
Entries 1334
Mean 127.7
Sigma 127.7
Chi2 / ndf 40.7 / 16
Const 29.85 ± 3.01
MPV 137.2 ± 0.6
Sigma 11.01 ± 0.51
Integral 31.01 ± 1.51

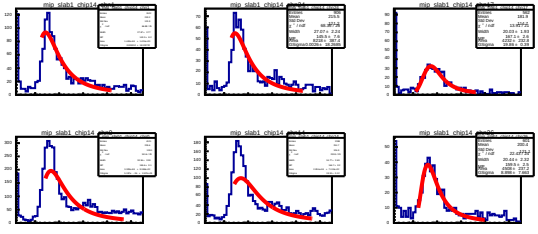

mip slab1 chip12 chan32
Entries 1334
Mean 0.0
Sigma 0.0
Chi2 / ndf 0.0 / 0
Const 0.000 ± 0.000
MPV 0.000 ± 0.000
Sigma 0.000 ± 0.000
Integral 0.000 ± 0.000

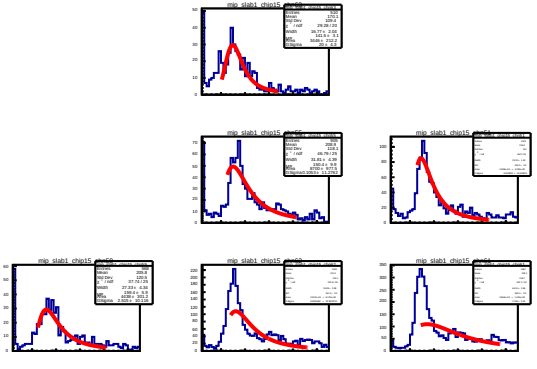

mip slab1 chip12 chan32
Entries 1334
Mean 0.0
Sigma 0.0
Chi2 / ndf 0.0 / 0
Const 0.000 ± 0.000
MPV 0.000 ± 0.000
Sigma 0.000 ± 0.000
Integral 0.000 ± 0.000

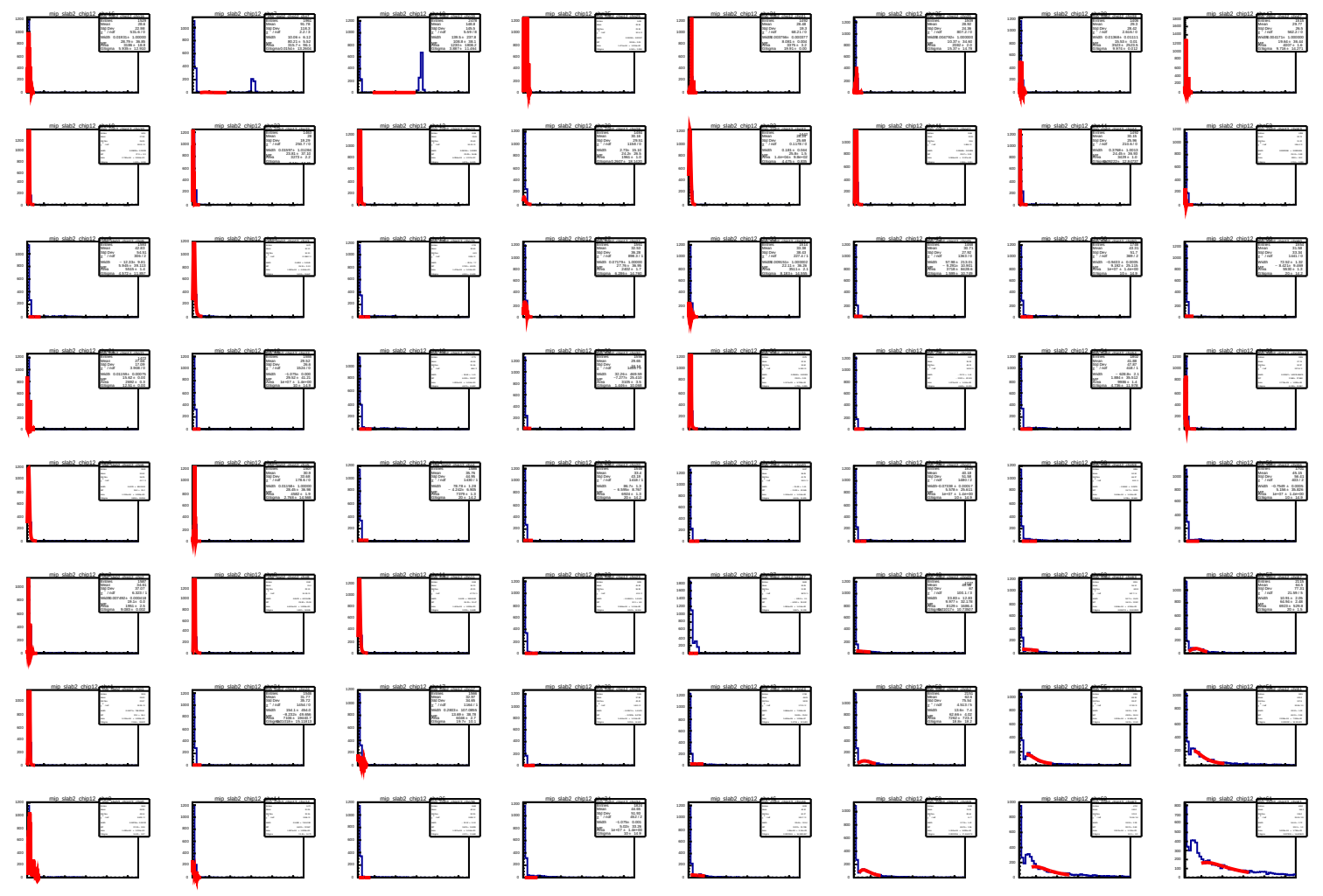

mip slab1 chip12 chan32
Entries 1334
Mean 0.0
Sigma 0.0
Chi2 / ndf 0.0 / 0
Const 0.000 ± 0.000
MPV 0.000 ± 0.000
Sigma 0.000 ± 0.000
Integral 0.000 ± 0.000

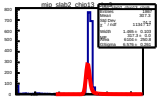

mip slab1 chip13 strip2
Entries 2334
Mean 251.2
Std Dev 31.4
χ² / ndf 2087.7 / 6
Width 0.2770 ± 0.0202
251.9 ± 66.7
MPV 54.7 ± 1.7
Integral 27.1 ± 11.8

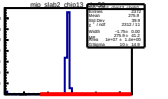

mip slab1 chip13 strip1
Entries 2334
Mean 110.2
Std Dev 110.2
χ² / ndf 94.1 / 7
Width 0.01 ± 0.00
MPV 0.01 ± 0.01
Integral 19.64 ± 0.50
mip slab1 chip13 strip3
Entries 2334
Mean 110.2
Std Dev 110.2
χ² / ndf 1.7 / 4
Width 40.52 ± 7.77
MPV 139.9 ± 6.8
Integral 1021.1 ± 87.0
mip slab1 chip13 strip4
Entries 2334
Mean 110.2
Std Dev 110.2
χ² / ndf 37.7 / 7
Width 0.01 ± 0.00
MPV 0.01 ± 0.01
Integral 19.64 ± 0.50
mip slab1 chip13 strip5
Entries 2334
Mean 110.2
Std Dev 110.2
χ² / ndf 37.7 / 7
Width 22.26 ± 2.16
MPV 35.7 ± 1.1
Integral 1109.1 ± 19.0

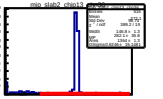

mip slab1 chip14 chan1
mip slab1 chip14 chan2
mip slab1 chip14 chan3
mip slab1 chip14 chan4
mip slab1 chip14 chan5
mip slab1 chip14 chan6

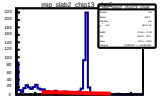

mip slab1 chip15 strip3
Entries 1324
Mean 32.71
Std Dev 5.74
χ² / ndf 29.28 / 20
Width 26.77 ± 2.01
MPV 143.5 ± 3.1
Area 3149 ± 27.2
Sigma 2.928 ± 0.16
mip slab1 chip15 strip55
Entries 1328
Mean 39.7
Std Dev 5.18
χ² / ndf 49.7 / 19
Width 31.61 ± 0.39
MPV 330.4 ± 9.6
Area 6270 ± 53.2
Sigma (GAUSS) 1.279 ± 0.0
mip slab1 chip15 strip56
mip slab1 chip15 strip6
Entries 1324
Mean 27.33
Std Dev 5.74
χ² / ndf 32.74 / 21
Width 27.33 ± 0.56
MPV 143.6 ± 1.1
Area 3180 ± 30.1
Sigma 2.928 ± 0.16
mip slab1 chip15 strip7
mip slab1 chip15 strip8

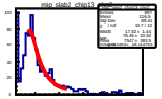


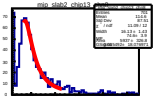

mip slab2 chip13

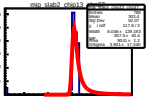

mip slab2 chip13


mip slab2 chip13


mip slab2 chip13


mip slab2 chip13


mip slab2 chip13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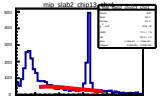
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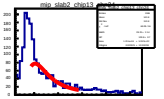
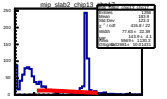
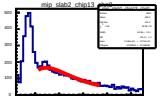
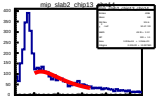
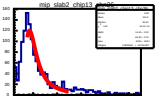
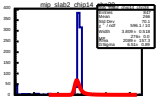

mip slab2 chip13

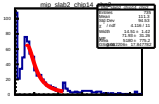

mip slab2 chip13

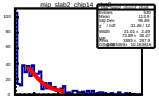

mip slab2 chip13

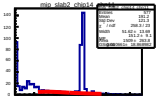

mip slab2 chip13

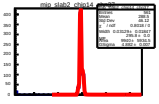

mip slab2 chip13

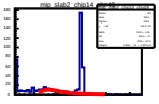

mip_slab2_chip14_chan32

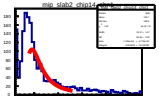

mip_slab2_chip14_chan0

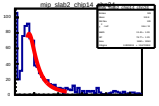

mip_slab2_chip14_chan1

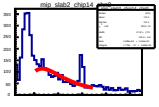

mip_slab2_chip14_chan2

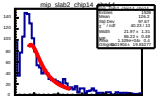

mip_slab2_chip14_chan3

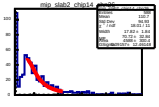

mip_slab2_chip14_chan4

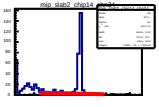

mip_slab2_chip14_chan5

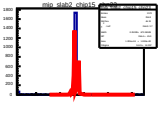

mip_slab2_chip14_chan6

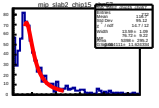

mip_slab2_chip14_chan7

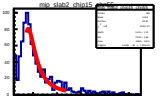

mip_slab2_chip14_chan8

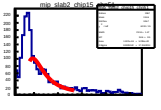

mip_slab2_chip14_chan9

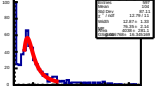

mip_slab2_chip14_chan10

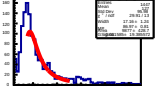

mip_slab2_chip15_chan15
Entries 1000
Mean 0.0
RMS 0.0
χ² / ndf 0.0 / 0
Width 0.0 ± 0.0
MPV 0.0 ± 0.0
Integral 0.0 ± 0.0

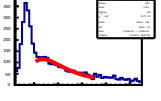

mip_slab2_chip15_chan14
Entries 1000
Mean 14.7
RMS 1.0
χ² / ndf 14.7 / 14
Width 13.59 ± 1.05
MPV 50.72 ± 8.12
Integral 1.0 ± 0.0
Integral(0-1) 1.0 ± 0.0

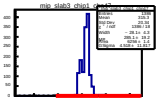

mip_slab2_chip15_chan13
Entries 1000
Mean 0.0
RMS 0.0
χ² / ndf 0.0 / 0
Width 0.0 ± 0.0
MPV 0.0 ± 0.0
Integral 0.0 ± 0.0

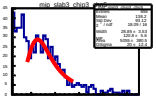

mip_slab2_chip15_chan12
Entries 1000
Mean 0.0
RMS 0.0
χ² / ndf 0.0 / 0
Width 0.0 ± 0.0
MPV 0.0 ± 0.0
Integral 0.0 ± 0.0

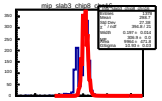

mip_slab2_chip15_chan11
Entries 1000
Mean 32.7
RMS 12.7
χ² / ndf 12.79 / 11
Width 12.87 ± 1.35
MPV 24.07 ± 2.71
Integral 2.0 ± 0.0
Integral(0-1) 1.0 ± 0.0

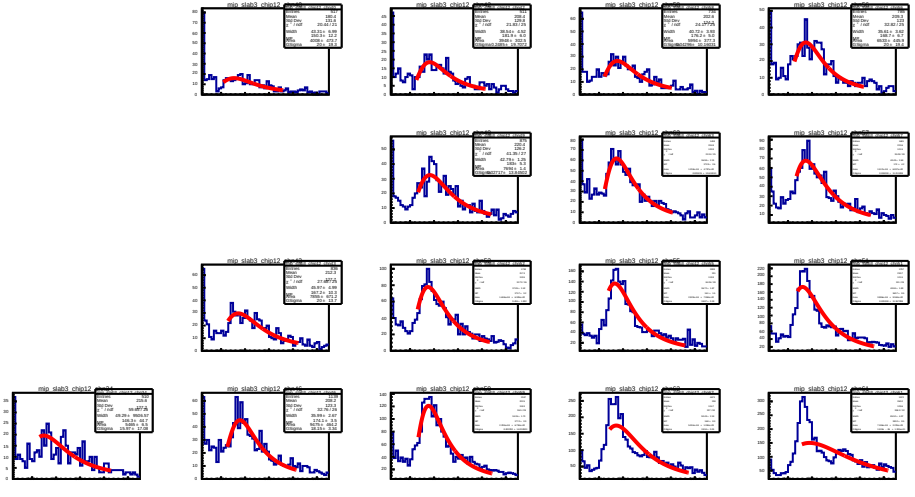

mip_slab2_chip15_chan10
Entries 1000
Mean 37.3
RMS 29.8
χ² / ndf 29.81 / 13
Width 37.36 ± 3.26
MPV 80.77 ± 4.26
Integral 4.0 ± 0.0
Integral(0-1) 14.0 ± 0.0

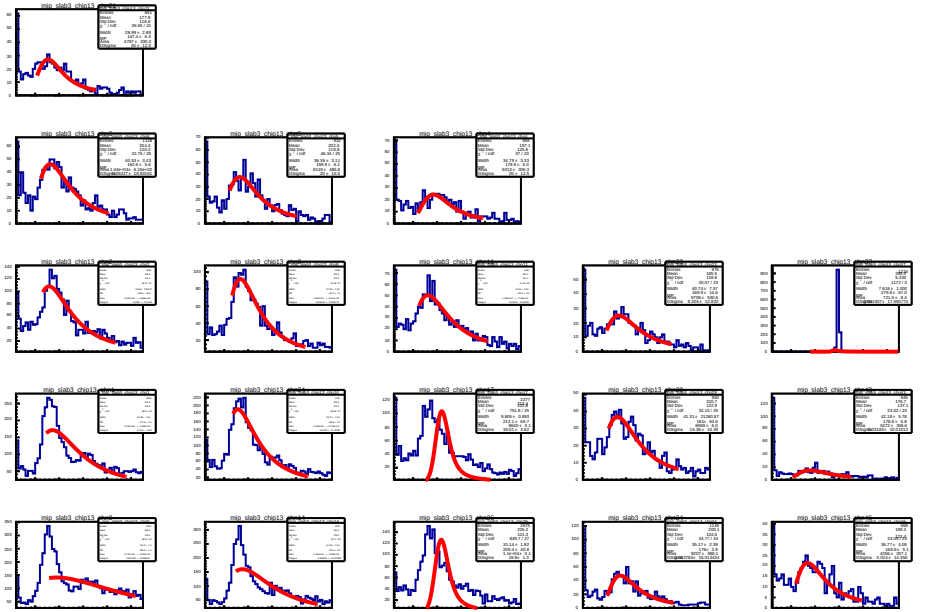

mip_slab2_chip15_chan9
Entries 1000
Mean 0.0
RMS 0.0
χ² / ndf 0.0 / 0
Width 0.0 ± 0.0
MPV 0.0 ± 0.0
Integral 0.0 ± 0.0

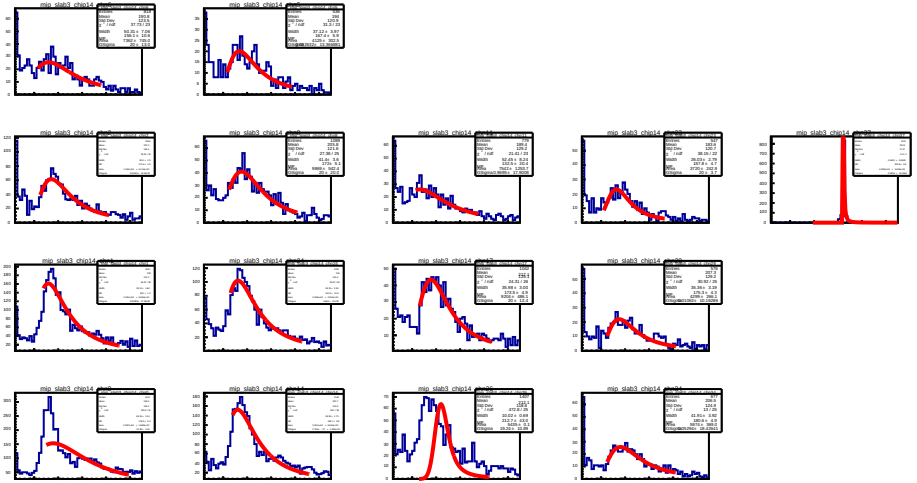

mip_slab3_chip1_chan25
Entries 1000
Mean 3.04
Std Dev 25.16
χ² / ndf 3380 / 19
Width 18.1 ± 0.2
Area 2600 ± 12
MPV 3.04 ± 0.1
Sigma 4.63 ± 0.1


mip_slab3_chip3
Entries 1353
Mean x 33.12
Mean y 18.17
χ² / ndf 18.03 / 16
Width 20.08 ± 0.21
Area 1.04 ± 0.01
MPV 5.001 ± 0.013
Sigma 2.21 ± 0.01


msp_slab3_chp8_c4ch5
Entries 1000
Mean 263.7
RMS 27.28
χ / ndf 354.8 / 21
Amplitude 0.397 ± 0.014
Mean 263.8 ± 0.1
Sigma 9.984 ± 0.071
Integral 19.94 ± 0.13
350
300
250
200
150
100
50
0


mip_slab3_chip12
Mean 260.4
Std Dev 32.67
χ² / ndf 24.47 / 25
Width 35.62 ± 0.92
MPV 260.4 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 260.4
Std Dev 32.67
χ² / ndf 24.47 / 25
Width 35.62 ± 0.92
MPV 260.4 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 260.4
Std Dev 32.67
χ² / ndf 24.47 / 25
Width 35.62 ± 0.92
MPV 260.4 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24
mip_slab3_chip12
Mean 259.8
Std Dev 32.62
χ² / ndf 20.62 / 25
Width 35.62 ± 0.92
MPV 259.8 ± 0.7
Integral 69.61 ± 0.24

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mip_slab3_chip14_chan1
mip_slab3_chip14_chan2
mip_slab3_chip14_chan3
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mip_slab3_chip14_chan5
mip_slab3_chip14_chan6
mip_slab3_chip14_chan7
mip_slab3_chip14_chan8
mip_slab3_chip14_chan9
mip_slab3_chip14_chan10
mip_slab3_chip14_chan11
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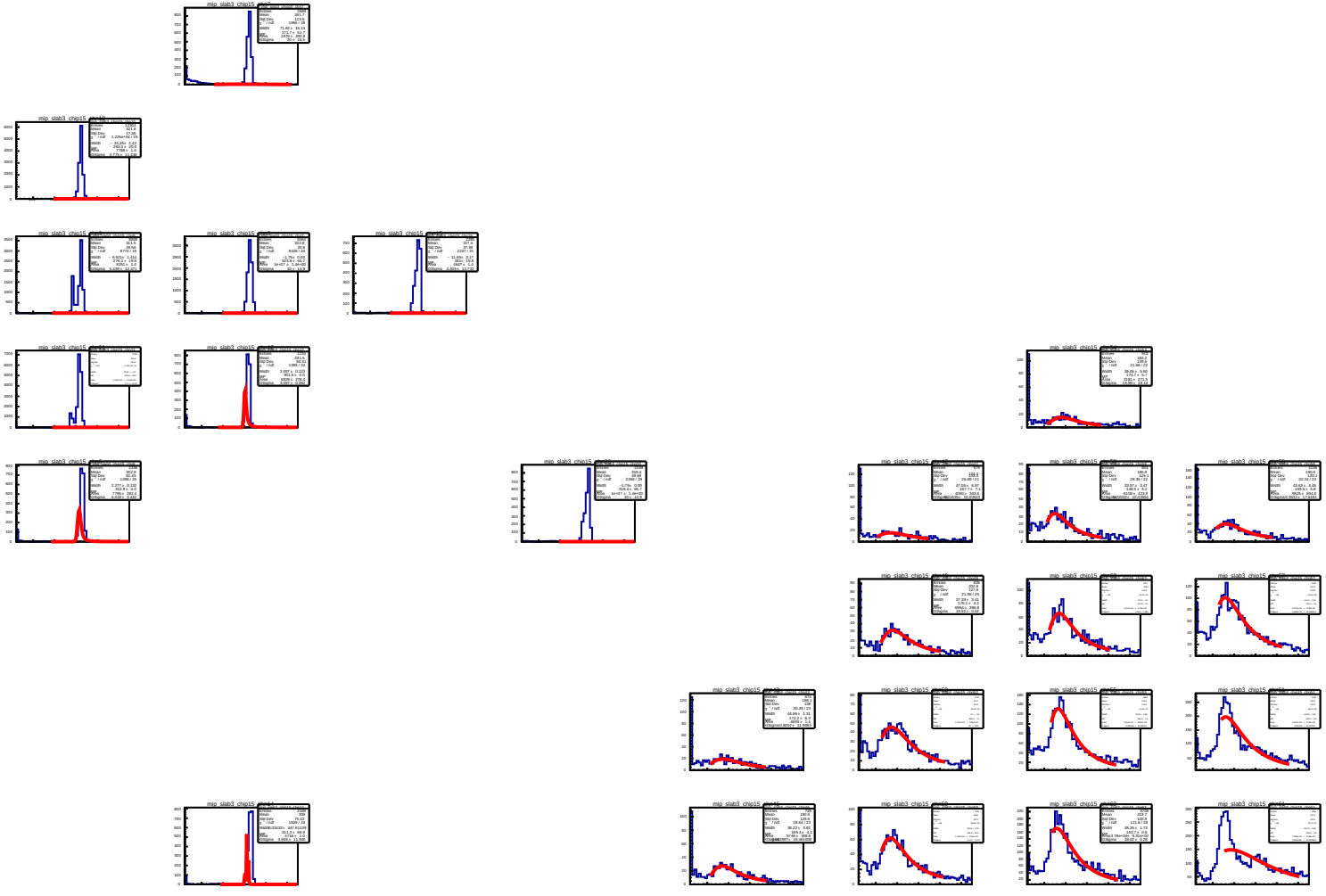
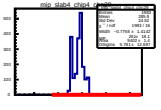
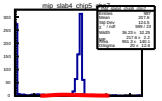
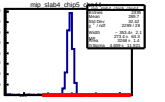
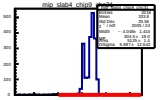
mip_slab3_chip14_chan13
mip_slab3_chip14_chan14
mip_slab3_chip14_chan15

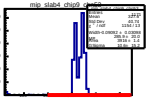


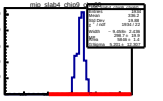

mip slab4 chip2 chan20
Entries 2000
Mean 250.4
Std Dev 28.92
χ² / ndf 1.08 / 1
p0 0.7756 ± 0.6145
Mean 250 ± 0.1
Sigma 3.7812 ± 0.107
500
400
300
200
100
0

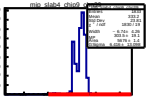

mip slab4 chip5 chan5
Entries 2070
Mean 1217.5
Std Dev 1880.75
χ2 / ndf 1.
width 36.33 ± 18.25
Mean 1217.5 ± 0.0
MPV 442.3 ± 48.1
Integral 207.0 ± 0.0
350
300
250
200
150
100
50
0

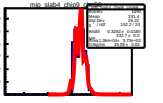

mip slab4 chip5 chan6
Entries 2104
Mean 200.07
Std Dev 2280.19
χ2 / ndf 1.
width 202.0 ± 1.1
Mean 2280.1 ± 0.0
MPV 2258.1 ± 2.2
Integral 1104.1 ± 0.0
800
700
600
500
400
300
200
100
0

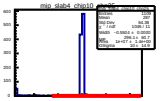

mip_slab4_chip0_strip1
Entries 1 Mean x 29.00
Mean 29.00
Std Dev 0.0000
χ² / ndf 2030 / 0
Width = 0.0000 ± 0.0000
Mean = 29.00 ± 0.00
Area = 1000 ± 0.0
Sigma = 0.0000 ± 0.0000

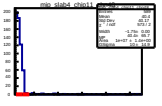
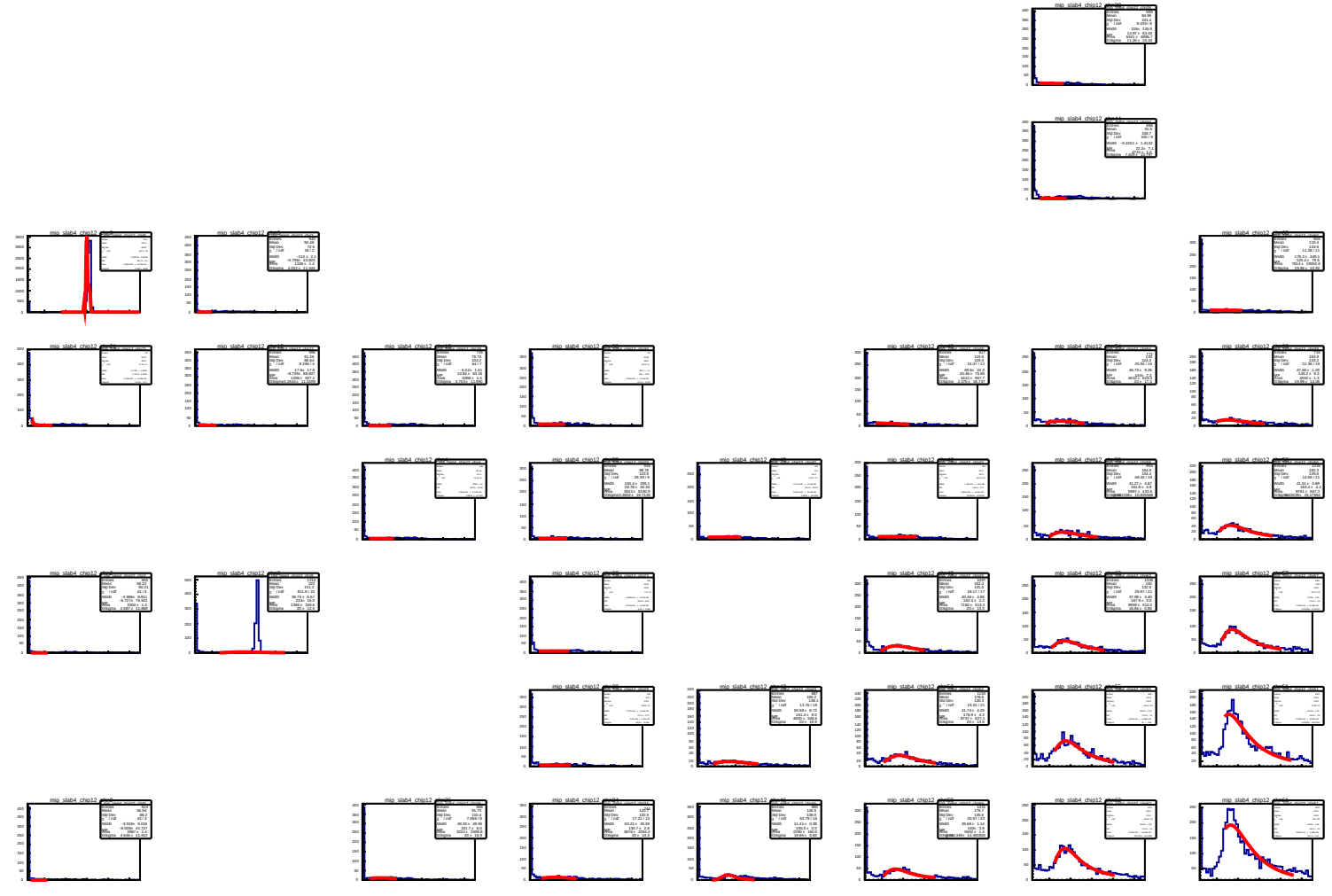
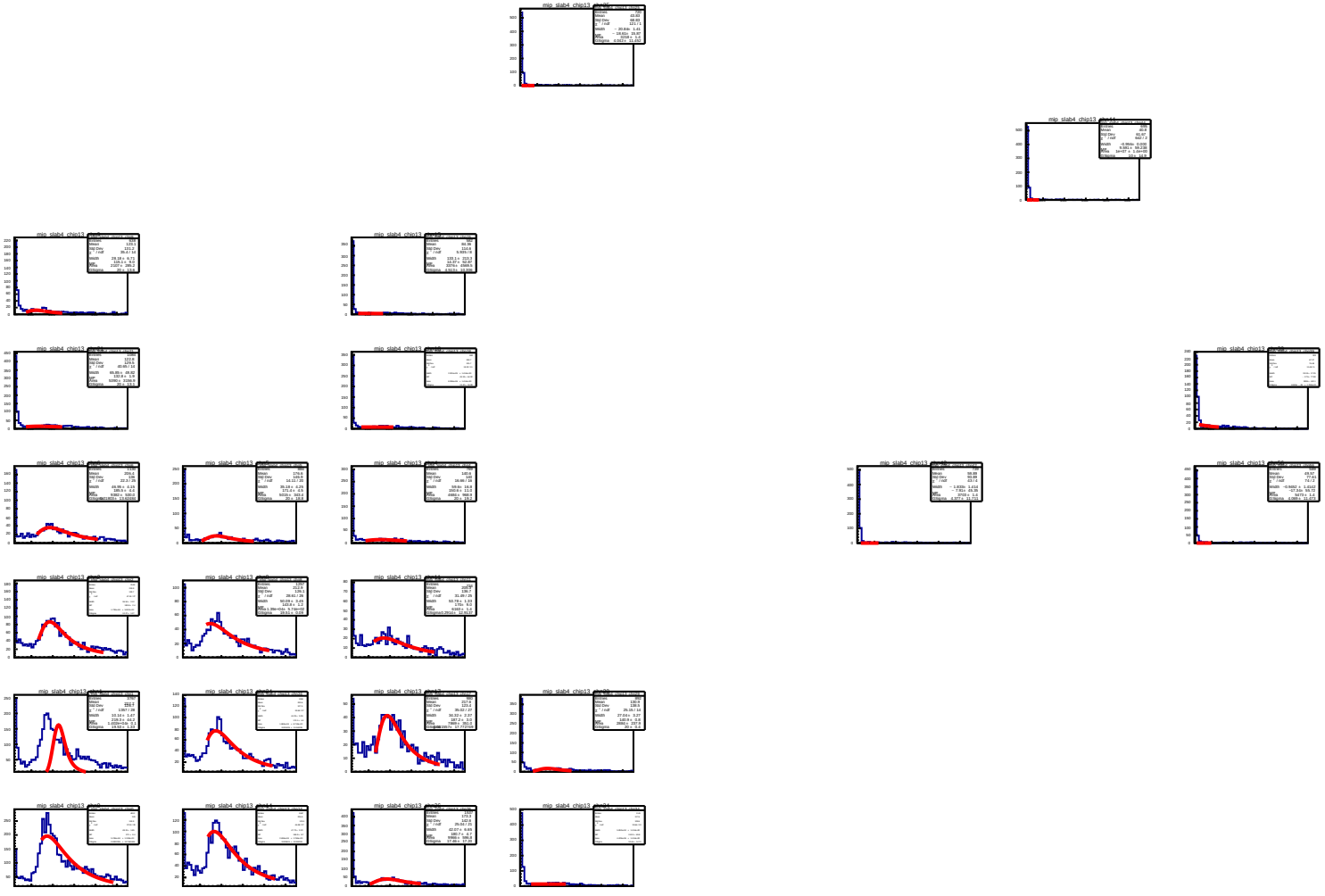
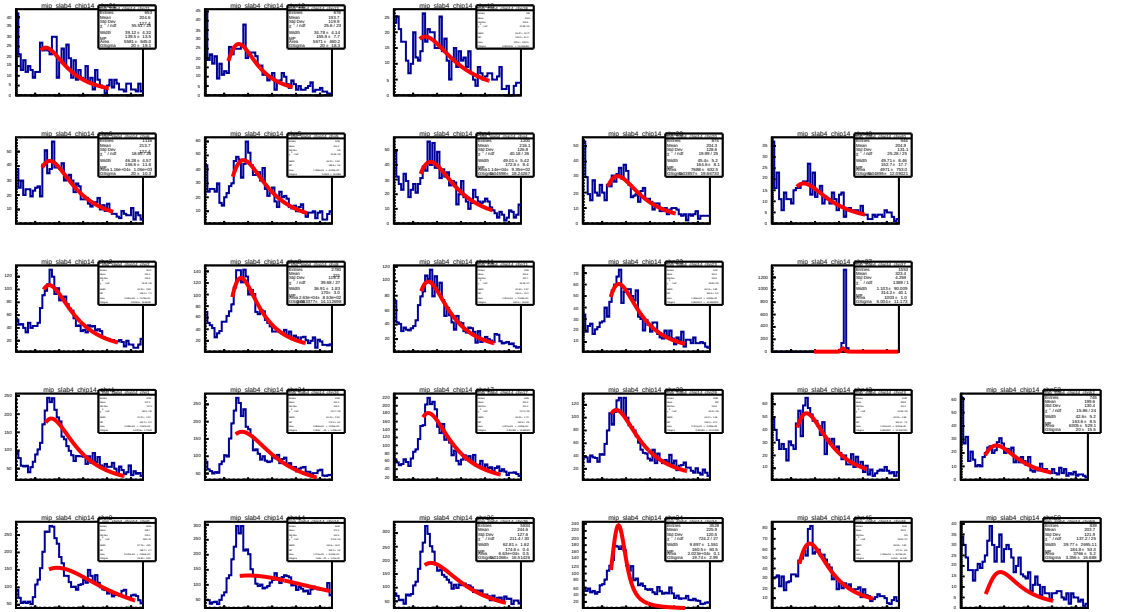
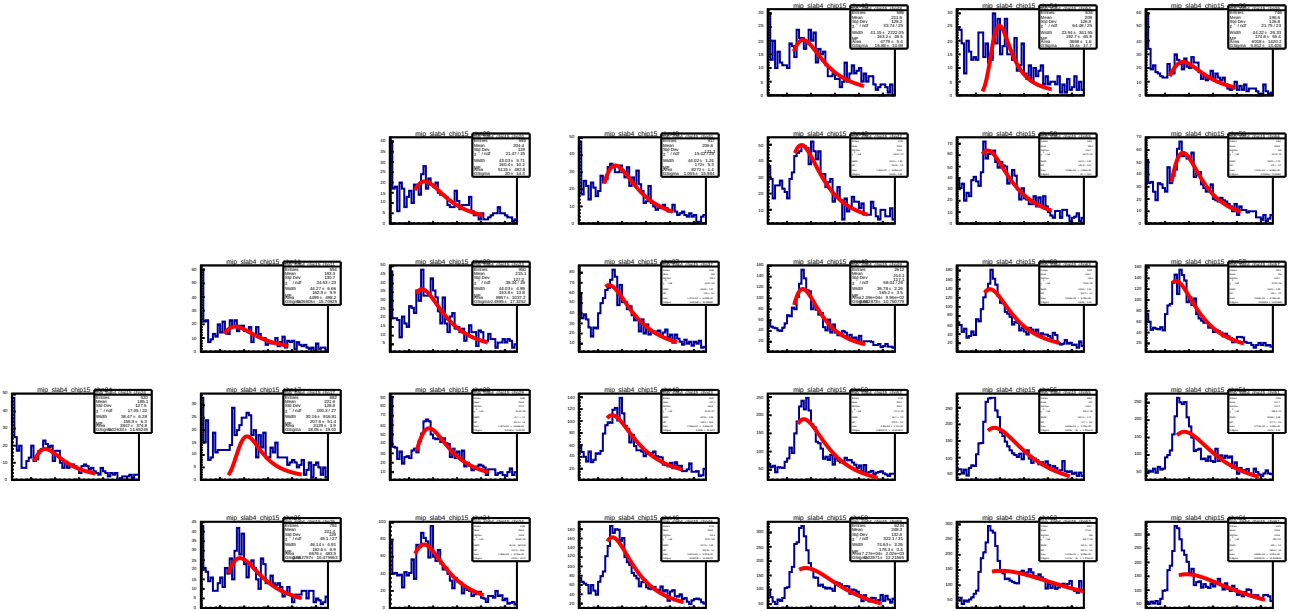

mip_slab4_chip0_strip2
Entries 1000
Mean 1.000
Std Dev 0.0000
χ² / ndf 1163 / 1
Width = 0.0000 ± 0.0000
Mean = 1.000 ± 0.000
Area = 1000 ± 0.0
Sigma = 0.0000 ± 0.0000


mip_slab4_chip0_strip3
Entries 1000
Mean 2.000
Std Dev 0.0000
χ² / ndf 1163 / 1
Width = 0.0000 ± 0.0000
Mean = 2.000 ± 0.000
Area = 1000 ± 0.0
Sigma = 0.0000 ± 0.0000


mip_slab4_chip0_strip4
Entries 1000
Mean 3.000
Std Dev 0.0000
χ² / ndf 1163 / 1
Width = 0.0000 ± 0.0000
Mean = 3.000 ± 0.000
Area = 1000 ± 0.0
Sigma = 0.0000 ± 0.0000


mip_slab4_chip0_strip5
Entries 1000
Mean 4.000
Std Dev 0.0000
χ² / ndf 152.2 / 21
Width = 0.3263 ± 0.0000
Mean = 4.000 ± 0.000
Area = 1000 ± 0.0
Sigma = 0.0000 ± 0.0000


mip_slab4_chn313_mm_05
Entries 1000
Mean 0.0
Std Dev 64.36
χ² / ndf 2188.7 / 1
MAIN -0.0004 ± 0.0018
2384 ± 0.0018
Mean -4e+07 ± 1.4e+10
Sigma 64.1 ± 0.0
600
500
400
300
200
100
0


mis_sigma_chi2fit
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Mean 0.0
Std Dev 0.0
χ² / ndf 0.0 / 0
Mean -1.270 ± 0.0
σ 0.00 ± 0.0
Const 1e+07 ± 0.0e+00
Prob 0.0
200
180
160
140
120
100
80
60
40
20
0