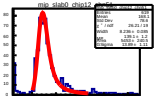
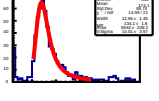
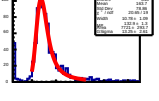
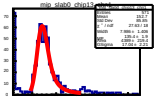
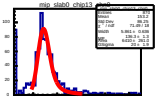
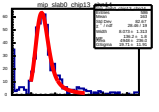

mip slab0 chip12 chan56
Entries 1024
Mean 62.4
Std Dev 7.9
χ² / ndf 26.21 / 6
Const 8.736e+ 0.049
Mean 138.1 ± 0.2
Sigma 10.84 ± 0.21

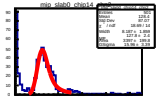

mip slab0 chip12 chan55
Entries 1024
Mean 12.1
Std Dev 4.7
χ² / ndf 14.80 / 11
Const 12.66 ± 1.45
Mean 9.97 ± 0.07
Sigma 10.01 ± 0.07

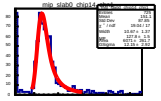

mip slab0 chip12 chan54
Entries 1024
Mean 14.2
Std Dev 5.8
χ² / ndf 10.80 / 13
Const 10.79 ± 1.05
Mean 9.97 ± 0.07
Sigma 11.24 ± 0.07

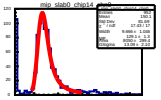

mip_slab0_chip13_chan4
Entries 1000
Mean 39.17
Std Dev 89.69
χ² / ndf 27.63 / 6
Const 7.300 ± 1.438
MPV 136.4 ± 1.9
Width 13.64 ± 2.12
Integral 1.0714 ± 0.0

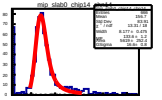

mip_slab0_chip13_chan5
Entries 1000
Mean 39.12
Std Dev 71.69
χ² / ndf 71.69 / 18
Const 5.861 ± 0.836
MPV 145.1 ± 1.1
Width 9.537 ± 1.0
Integral 29.7 ± 0

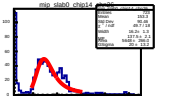

mip_slab0_chip13_chan14
Entries 1000
Mean 32.47
Std Dev 28.87
χ² / ndf 19.87 / 15
Const 8.075 ± 1.313
MPV 146.7 ± 0.6
Width 4.928 ± 0.6
Integral 24.71 ± 0.7

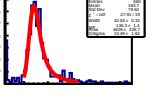

mip_slab0_chip14_chan0
Entries 1024
Mean 127.4
Std Dev 16.69
χ² / ndf 16.69 / 14
Prob 0.2
Width 8.187 ± 1.898
MPV 127.9 ± 2.4
Area 1.000 ± 0.018
Sigma 13.56 ± 0.58

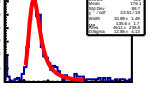

mip_slab0_chip14_chan1
Entries 1024
Mean 141.1
Std Dev 37.05
χ² / ndf 19.02 / 14
Prob 0.1
Width 12.67 ± 1.57
MPV 127.6 ± 1.5
Area 1.000 ± 0.018
Sigma 12.11 ± 0.52

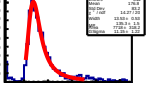

mip_slab0_chip14_chan2
Entries 1024
Mean 59.61
Std Dev 17.43
χ² / ndf 17.43 / 17
Prob 0.4
Width 9.666 ± 1.006
MPV 59.61 ± 1.0
Area 9.020 ± 0.063
Sigma 13.06 ± 0.5

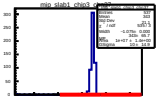

mip_slab0_chip14_chan3
Entries 1024
Mean 160.4
Std Dev 33.57
χ² / ndf 33.57 / 15
Prob 0.0
Width 8.377 ± 0.475
MPV 160.4 ± 0.5
Area 9.020 ± 0.063
Sigma 30.4 ± 0.2

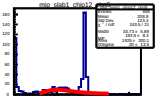

mip_slab0_chip14_chan4
Entries 1024
Mean 59.14
Std Dev 45.77
χ² / ndf 18.26 / 13
Prob 0.1
Width 16.26 ± 1.3
MPV 59.14 ± 1.0
Area 9.020 ± 0.063
Sigma 39 ± 0.2

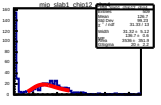

mip slab0 chip15 chan52
Entries 1000
Mean 19.07
Std Dev 79.02
χ² / ndf 1.19
Width 10.50 ± 0.15
MPV 139.3 ± 3.4
Integral 12.84 ± 0.07

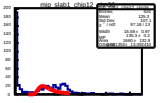

mip slab0 chip15 chan50
Entries 1000
Mean 19.1
Std Dev 79.1
χ² / ndf 23.91 / 19
Width 10.80 ± 1.49
MPV 139.1 ± 3.4
Integral 12.84 ± 0.07

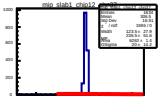

mip slab0 chip15 chan54
Entries 1000
Mean 2.04
Std Dev 14.2
χ² / ndf 11.27 / 10
Width 13.50 ± 0.15
MPV 77.20 ± 0.8
Integral 11.70 ± 0.07

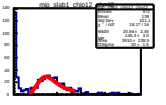

mip_slab1_chip3_cluster
Entries 1000
Mean 0.2775
Mean x 0.2775
Std Dev 0.0202
Std Dev x 0.0202
χ² / ndf 0.0 / 0
Prob 0
Constant 1000 ± 31.6
Mean 0.2775 ± 0.0006
Sigma 0.0202 ± 0.0006
300
250
200
150
100
50
0

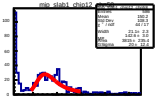

mip slab1 chip12 chn56
Mean 259.8
Std Dev 17.2
χ² / ndf 243.6 / 21
Width 33.72 ± 5.21
Area 1.4e+4 ± 1.2e+3
MPV 1905 ± 39.1
Sigma 27.4 ± 2.2

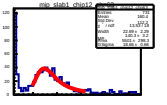

mip slab1 chip12 chn57
Mean 126.7
Std Dev 39.16
χ² / ndf 31.83 / 13
Width 31.82 ± 9.12
Area 1.4e+4 ± 1.2e+3
MPV 1938 ± 30.3
Sigma 22.1 ± 2.2

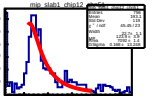

mip slab1 chip12 chn58
Mean 139.3
Std Dev 107.4
χ² / ndf 57.1 / 17
Width 35.58 ± 9.2
Area 1.8e+4 ± 1.2e+3
MPV 3440 ± 142.5
Sigma 126.3 ± 10.1

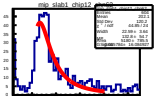

mip slab1 chip12 chn59
Mean 1154
Std Dev 94.05
χ² / ndf 1.4e+4 / 1.4e+3
Width 223.9 ± 27.8
Area 236.9 ± 51.6
MPV 1954 ± 5.2
Sigma 59.4 ± 5.2

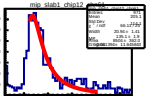

mip slab1 chip12 chn60
Mean 1118
Std Dev 107.1
χ² / ndf 18.17 / 14
Width 20.84 ± 3.6
Area 1.4e+4 ± 1.2e+3
MPV 3840 ± 28.9
Sigma 27.2 ± 2.1

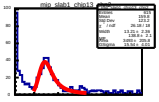

mip slab1 chip12 chn61
Mean 1002.2
Std Dev 100.1
χ² / ndf 43 / 17
Width 13.24 ± 2.3
Area 1.4e+4 ± 1.2e+3
MPV 3810 ± 25.2
Sigma 27.1 ± 2.1

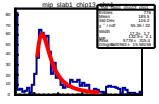

mip slab1 chip12 chn62
Mean 1174
Std Dev 113.6
χ² / ndf 13.2 / 14
Width 22.69 ± 2.29
Area 1.8e+4 ± 1.2e+3
MPV 3550 ± 15.8
Sigma 33.8 ± 0.8

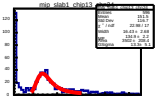

mip slab1 chip12 chn63
Mean 1154
Std Dev 114
χ² / ndf 65.35 / 23
Width 25.77 ± 1.3
Area 1.8e+4 ± 1.2e+3
MPV 3550 ± 11.8
Sigma 33.8 ± 0.6

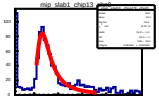

mip slab1 chip12 chn64
Mean 1022
Std Dev 102.2
χ² / ndf 44.86 / 19
Width 22.66 ± 3.66
Area 1.4e+4 ± 1.2e+3
MPV 4180 ± 795.5
Sigma 14.00 ± 0.7

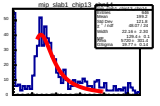

mip slab1 chip12 chn65
Mean 1014
Std Dev 101.4
χ² / ndf 64.17 / 17
Width 20.56 ± 1.6
Area 1.4e+4 ± 1.2e+3
MPV 4500 ± 262.5
Sigma 13.4 ± 0.6

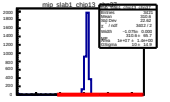

mip slab1 chip13 strip1
Entries 1024
Mean 113.6
Std Dev 19.8
χ² / ndf 26.187 / 14
Prob 0.0
Const 13.21 ± 2.16
MPV 136.9 ± 2.4
Width 10.01 ± 0.61
Integral 13.51 ± 2.18

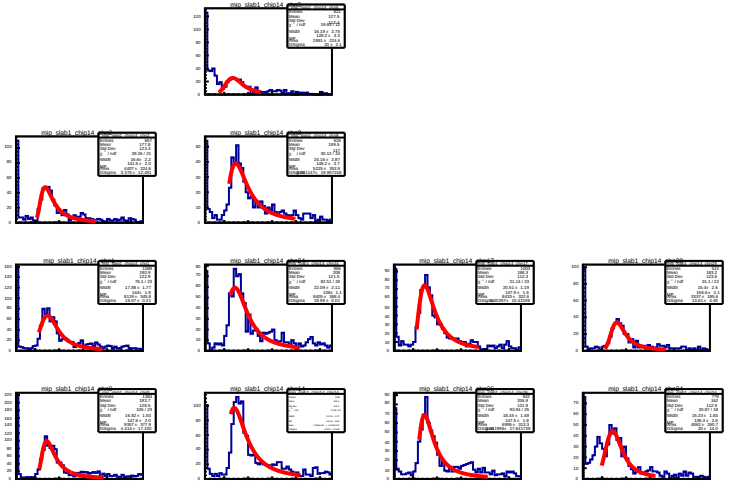

mip slab1 chip13 strip2
Entries 1024
Mean 119.1
Std Dev 116.2
χ² / ndf 55.381 / 22
Prob 0.0
Const 15.05 ± 1.1
MPV 117.6 ± 0.8
Width 10.04 ± 0.24
Integral 14.39 ± 0.8


mip slab1 chip13 strip3
Entries 1024
Mean 113.7
Std Dev 116.7
χ² / ndf 0.0 / 0
Prob 0.0
Const 16.43 ± 3.45
MPV 132.6 ± 2.2
Width 10.01 ± 0.51
Integral 15.39 ± 3.1


mip slab1 chip13 strip4
Entries 1024
Mean 113.7
Std Dev 116.7
χ² / ndf 0.0 / 0
Prob 0.0
Const 0.0 ± 0.0
MPV 0.0 ± 0.0
Width 0.0 ± 0.0
Integral 0.0 ± 0.0


mip slab1 chip13 strip5
Entries 1024
Mean 113.7
Std Dev 116.7
χ² / ndf 18.077 / 15
Prob 0.0
Const 22.16 ± 2.05
MPV 132.6 ± 1.3
Width 9.003 ± 0.4
Integral 19.77 ± 1.8


mip slab1 chip13 strip6
Entries 1024
Mean 113.6
Std Dev 19.8
χ² / ndf 3422 / 2
Prob 0.0
Const 0.278 ± 0.032
MPV 153.6 ± 66.7
Width 54.07 ± 0.07
Integral 0.1 ± 11.8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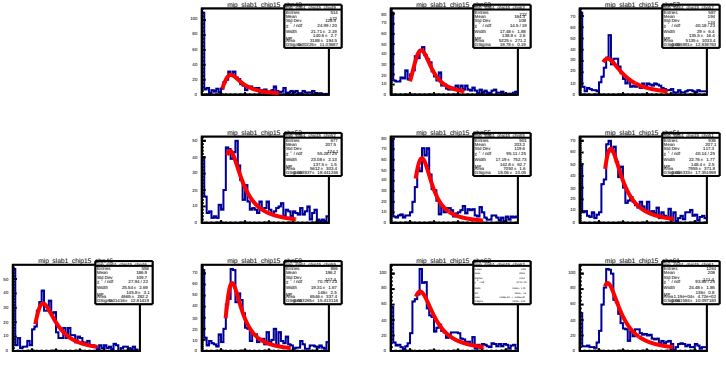
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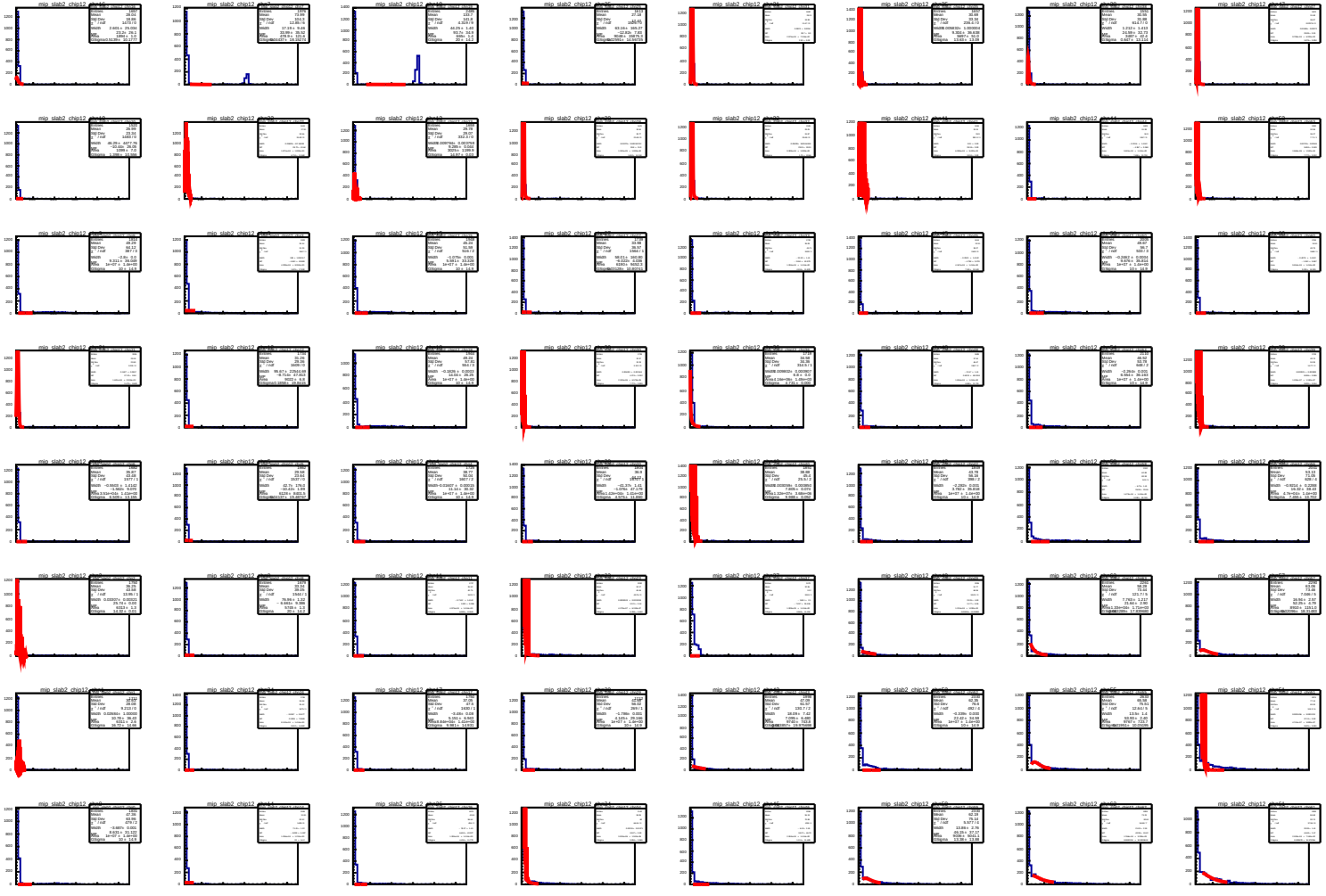
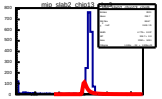
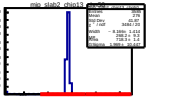
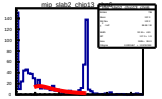



mip slab2 chip13


mip slab2 chip13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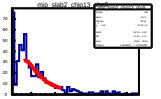
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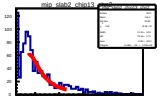
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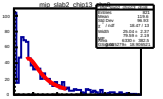
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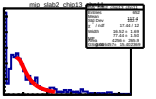
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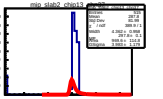
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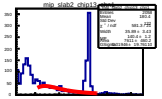
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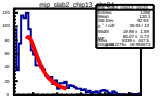
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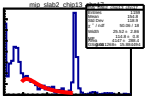
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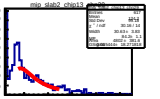
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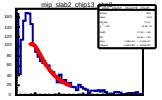
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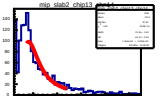
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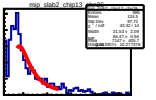
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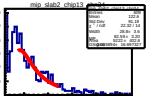
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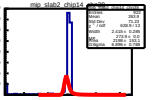
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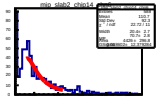
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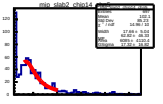
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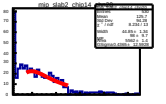
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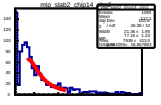
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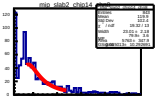
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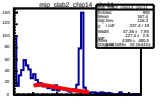
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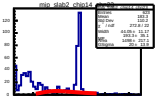
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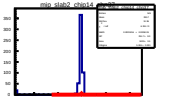
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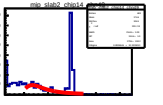
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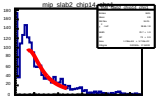
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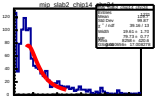
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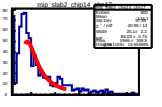
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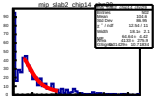
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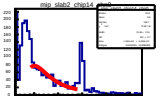
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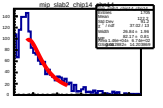
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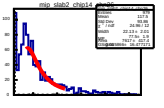
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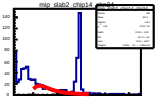
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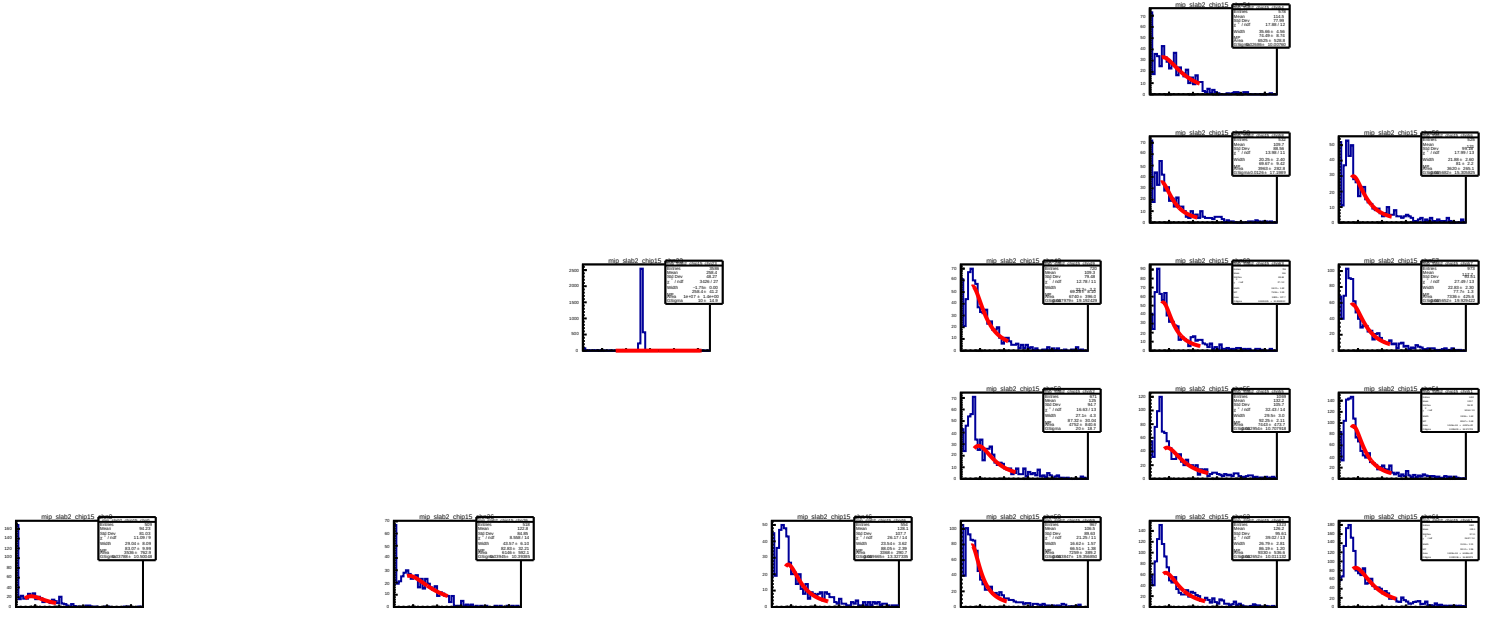
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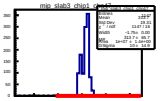
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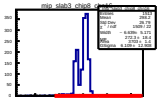
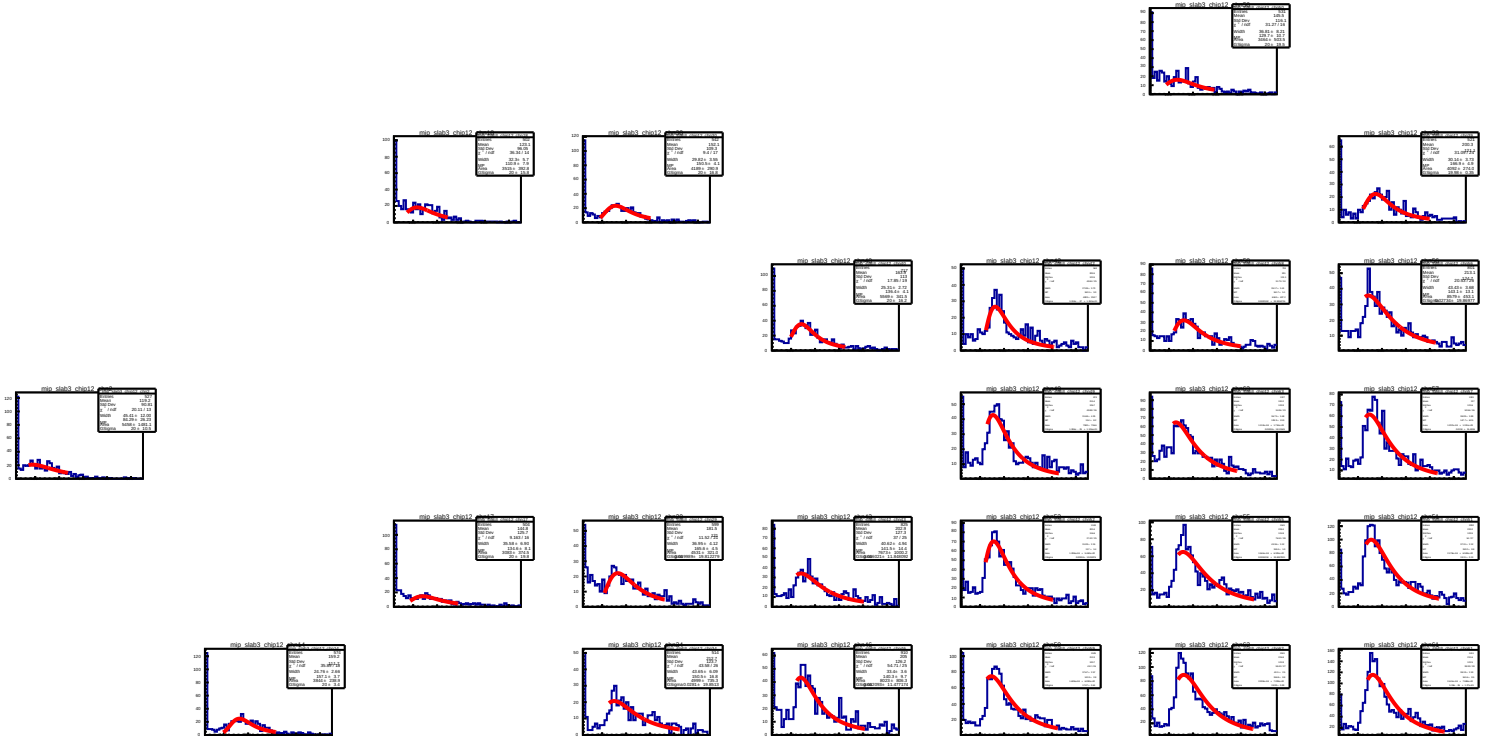
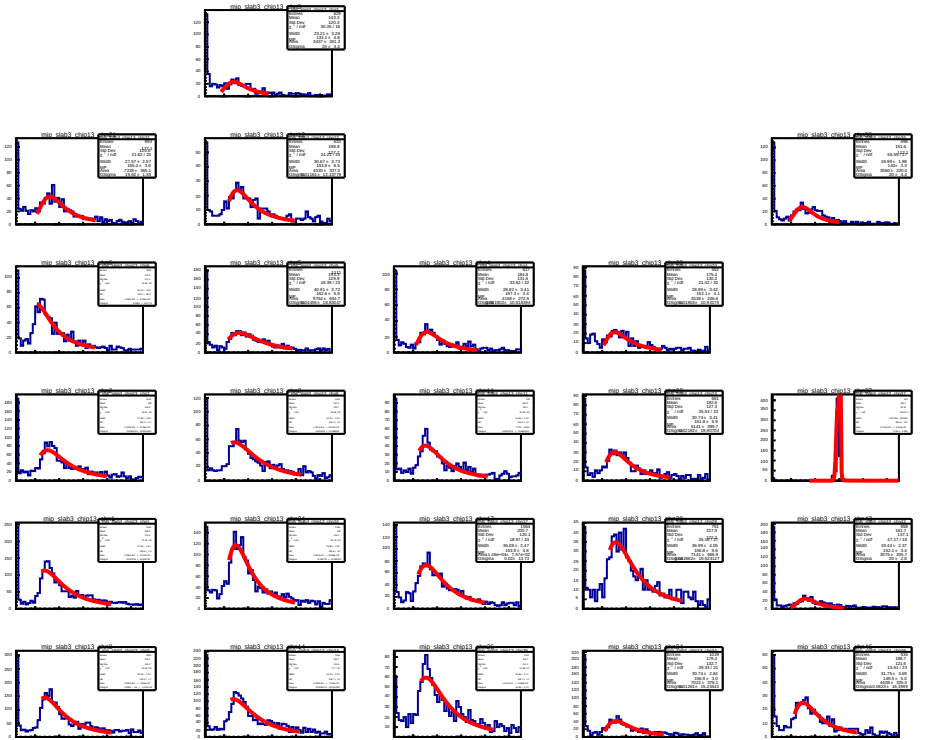
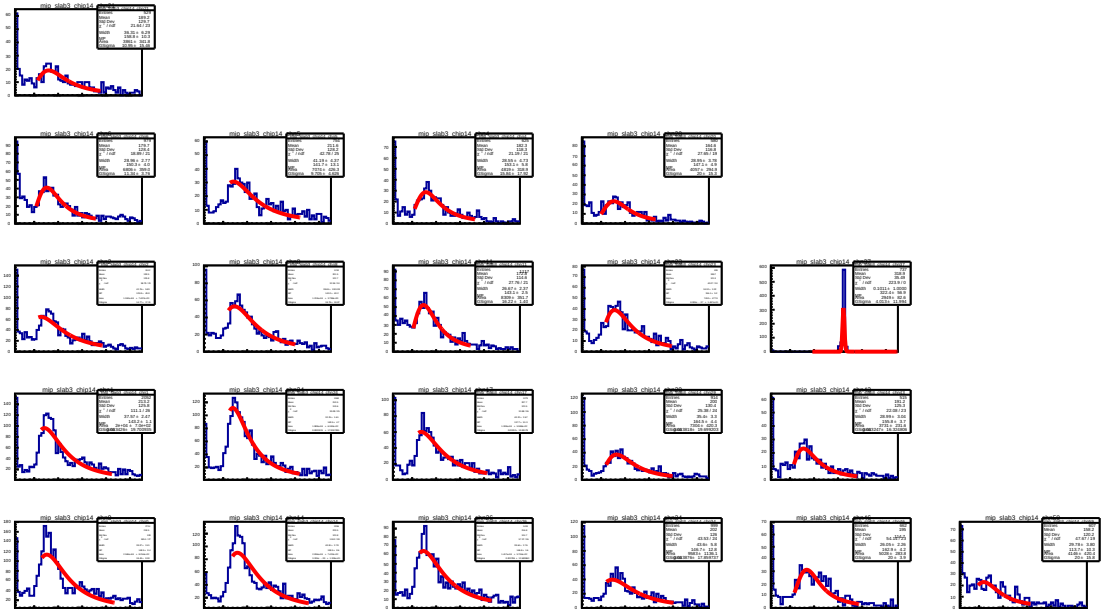
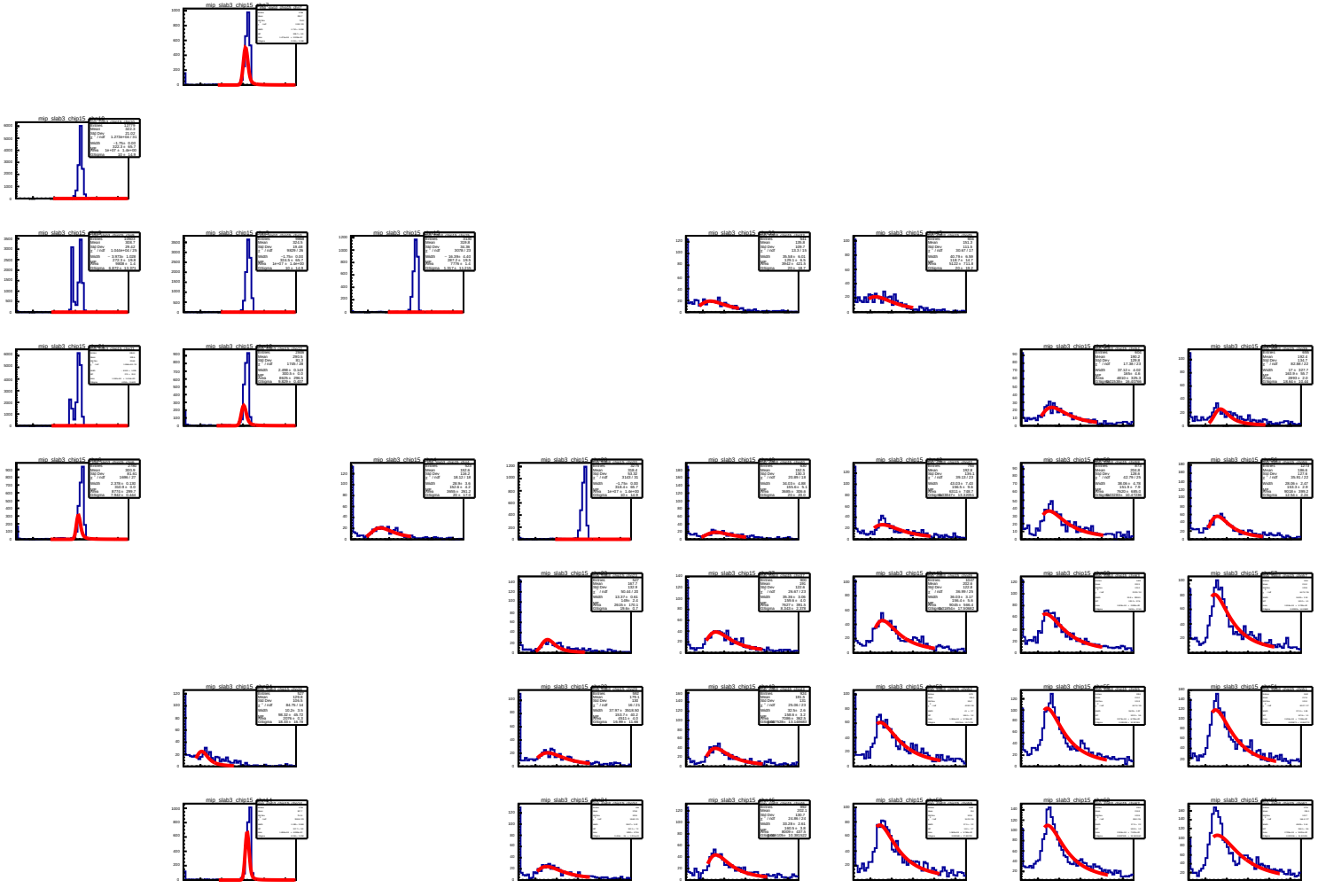
Entries 1000
Mean x 18.07
Std Dev x 19.31
χ² / ndf 2.1 / 17
Width 14.79± 0.62
Mean 18.07± 0.61
MPV 14.47± 1.44
Sigma 2.07± 0.43

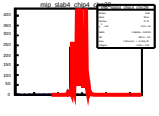

msp_slab3_chip8_c_ch15
Statistics of selected range
Entries 2612
Mean 28.78
Std Dev 15283.22
Underflow - 0.0000e-01 5.172
Overflow 2.000e+01 0.0
Integral 2.612e+03 1.000
Integrals 0.110e+ 17.000
350
300
250
200
150
100
50
0

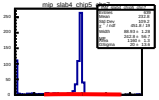

mip_slab3_chip12
Mean
Std Dev
χ² / ndf
Width
MPV
Integral

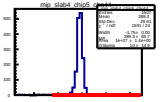


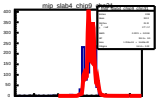


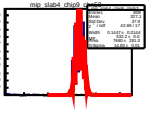


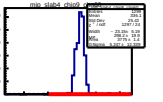



mip slab4 chip5 chan5
Entries 1000
Mean 157.0
Std Dev 157.2
χ² / ndf 151.8 / 15
Width 30.93 ± 1.23
Sigma 22.88 ± 0.9
Mean 157.1 ± 0.5
Integral 20 ± 1.1


mip slab4 chip5 chan6
Entries 1000
Mean 289.3
Std Dev 19.67
χ² / ndf 1567 / 10
Width 0.75 ± 0.02
Sigma 0.54 ± 0.02
Mean 27 ± 1.4e+02
Integral 24.9 ± 0.9


mip_slab4_chip0_ch01


mip_slab4_chip0_ch05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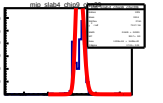
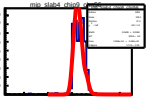
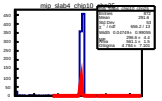
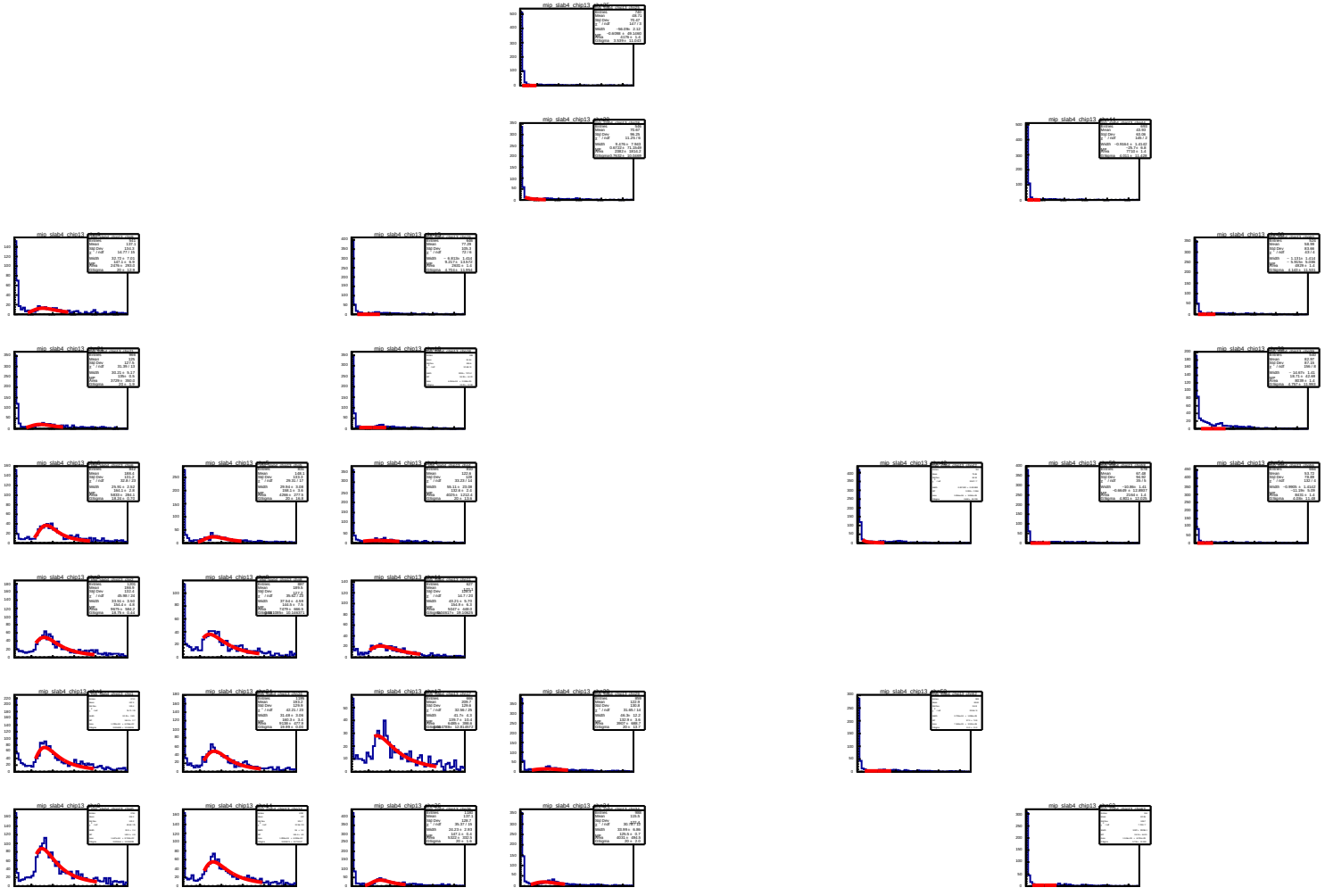
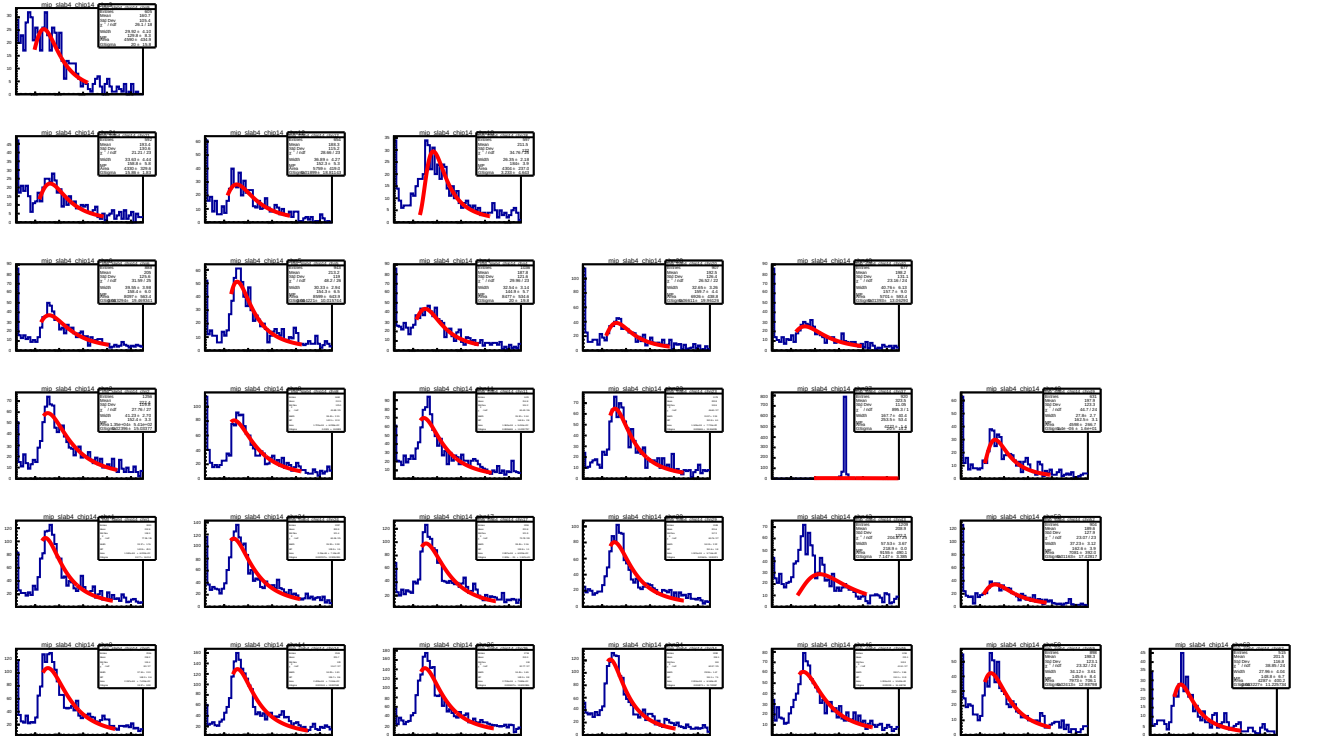
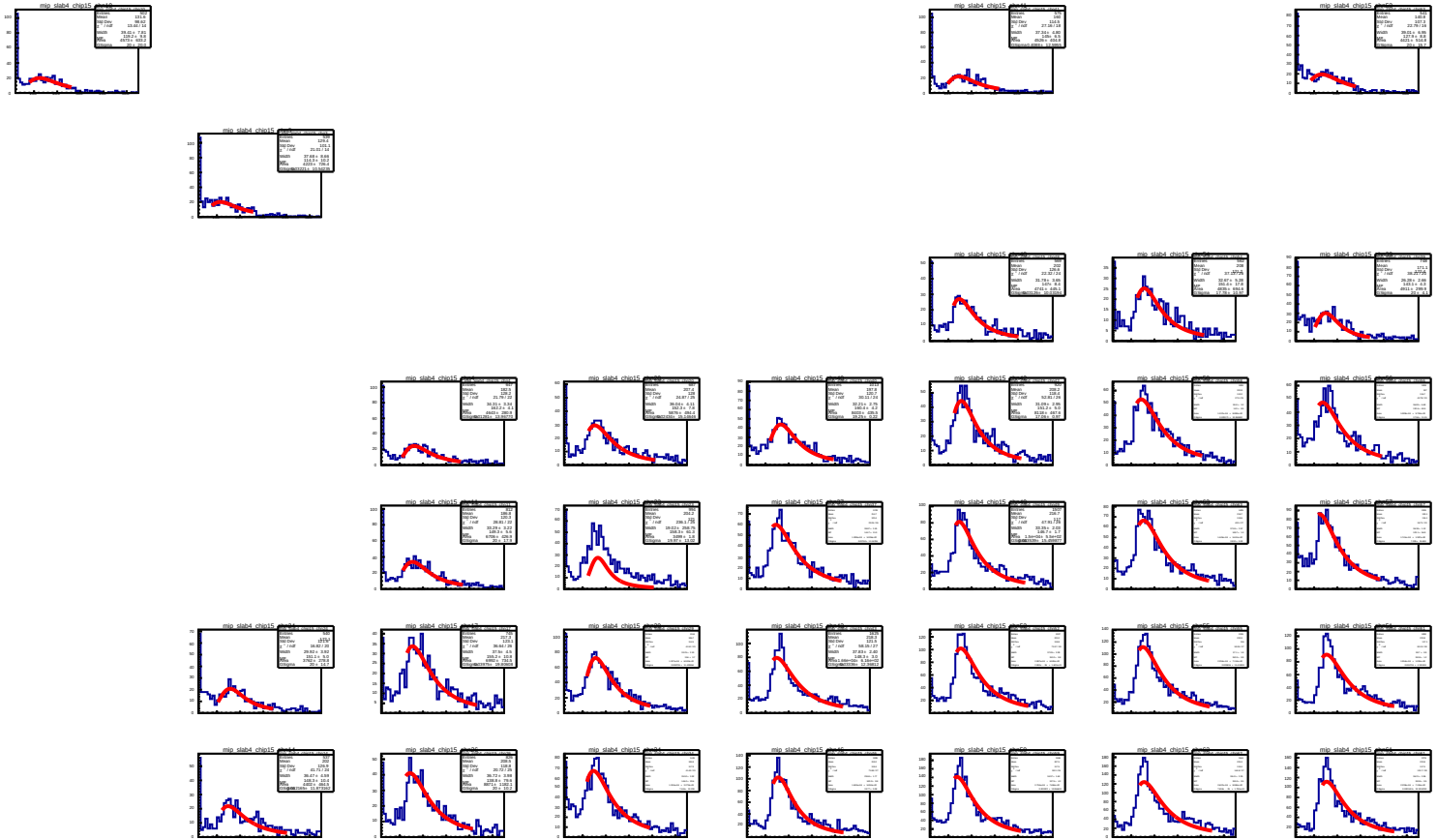

mip_slab4_chip0_ch07


mip_slab4_chip0_ch08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Entries 2917
Mean 20.17
Std Dev 12.11
χ² / ndf 4864.2 / 17
Prob 0.0
Width 0.011104 ± 0.000116
Mpv 20.1 ± 0.0
MPV 7922.0 ± 5.5
Sigma 4.7824 ± 0.0
450
400
350
300
250
200
150
100
50
0