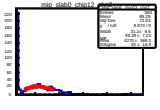
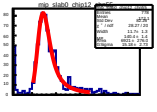
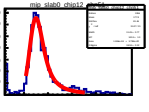
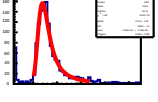
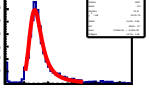
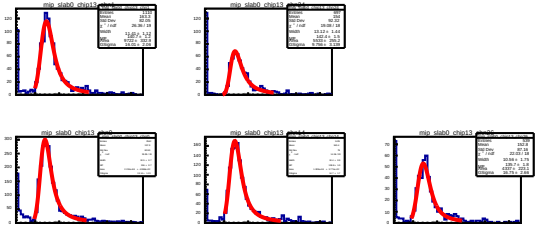

mip_slab0_chip12_chan5
Entries 1000
Mean 99.33
Std Dev 9.973
χ² / ndf 11.31 / 9.9
Prob 99.39 ± 7.23
MPV 10.24 ± 0.24
Integral 107.4 ± 10.4

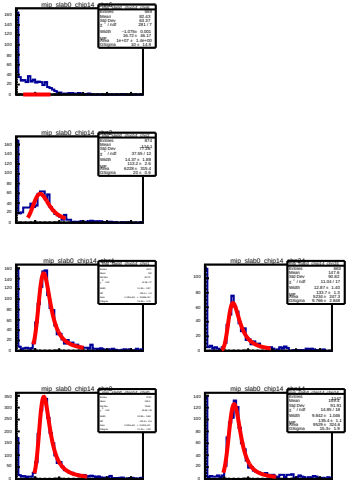

mip_slab0_chip12_chan55
Entries 1000
Mean 29.28
Std Dev 2.7
χ² / ndf 11.74 / 13
Prob 0.85 ± 1.4
MPV 28.13 ± 0.12
Integral 99.34 ± 2.72

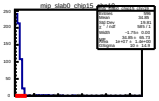

mip_slab0_chip12_chan56

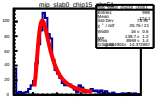

mip_slab0_chip12_chan58

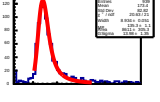

mip_slab0_chip12_chan59

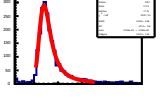

mip_slab0_chip13_chan1
Entries 1000
Mean 33.17
Std Dev 82.05
χ² / ndf 26.38 / 19
Prob 0.1
Const 9.27 ± 5.22
Mean 33.01 ± 0.04
Sigma 9.579 ± 0.038
mip_slab0_chip13_chan2
Entries 1000
Mean 50.32
Std Dev 92.02
χ² / ndf 13.12 / 14
Prob 0.5
Const 102.6 ± 5.5
Mean 50.01 ± 0.02
Sigma 9.703 ± 0.020
mip_slab0_chip13_chan3
mip_slab0_chip13_chan4
mip_slab0_chip13_chan5
mip_slab0_chip13_chan6
Entries 392
Mean 33.17
Std Dev 22.03 / 19
χ² / ndf
Prob
Const 33.66 ± 1.75
Mean 33.01 ± 0.04
Sigma 9.577 ± 0.013

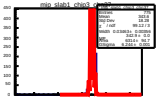

mip_slab0_chip14_strip0
mip_slab0_chip14_strip1
mip_slab0_chip14_strip2
mip_slab0_chip14_strip3
mip_slab0_chip14_strip4
mip_slab0_chip14_strip5

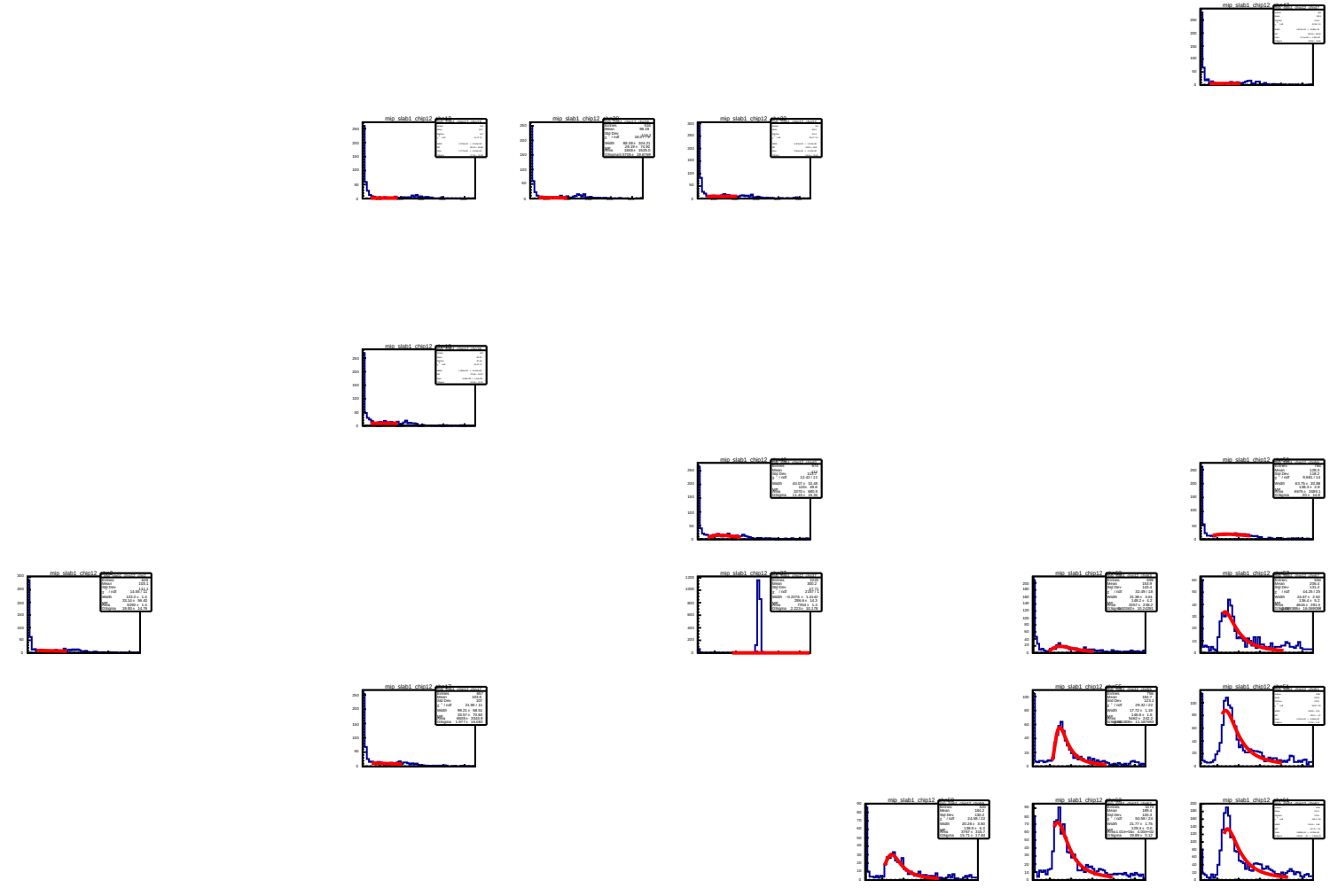

mip slab0 chip15 chan15
Entries 1000
Mean 34.35
Std Dev 18.81
χ² / ndf 3693 / 1
0.2 ± 0.0
Constant 35.85 ± 0.24
Mean 14.027 ± 0.000
Sigma 14.1 ± 0.0

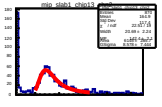

mip slab0 chip15 chan16
Entries 1000
Mean 35.74
Std Dev 18.87
χ² / ndf 3514 / 1
0.2 ± 0.0
Constant 38.4 ± 0.4
Mean 138.4 ± 1.2
Sigma 18.4 ± 0.0

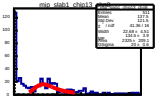

mip slab0 chip15 chan17
Entries 1000
Mean 22.22
Std Dev 10.64
χ² / ndf 20.63 / 15
0.0016 ± 0.0001
Constant 8.9 ± 0.1
Mean 89.13 ± 0.06
Sigma 13.98 ± 0.05

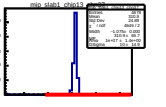

mip slab0 chip15 chan18
Entries 1000
Mean 17.4
Std Dev 9.7
χ² / ndf 40.7
0.0
Constant 0.0 ± 1.0
Mean 0.0 ± 1.0
Sigma 0.0 ± 1.0

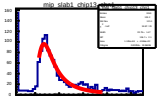

mip_slab1_chip3_c_mip
Entries 1000
Mean 32.0
Std Dev 0.8
Int Coef 99.12/14
Const 0.23461± 0.22204
Slope 0.0 ± 0.0
Mean 32.00 ± 0.02
Sigma 0.5314 ± 0.0152
250
200
150
100
50
0

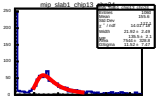

mip slab1 chip12
mip slab1 chip12
mip slab1 chip12

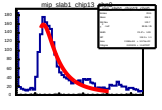

mip slab1 chip13 strip1
Entries 1014
Mean 33.0
Std Dev 17.0
χ² / ndf 20.07 / 14
Width 23.69 ± 2.24
MPV 1.465 ± 0.17
Integral 8.570 ± 7.02

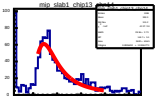

mip slab1 chip13 strip2
Entries 1014
Mean 37.1
Std Dev 17.1
χ² / ndf 41.36 / 16
Width 22.68 ± 4.71
MPV 143.9 ± 5.4
Integral 2.000 ± 0.02
Sigma 33 ± 0.1

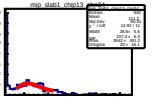

mip slab1 chip13 strip3
Entries 1014
Mean 1.0
Std Dev 0.0
χ² / ndf 4569 / 2
Width 0.2750 ± 0.002
MPV 1319.9 ± 60.7
Integral 54.77 ± 0.0
Sigma 0.1 ± 0.0

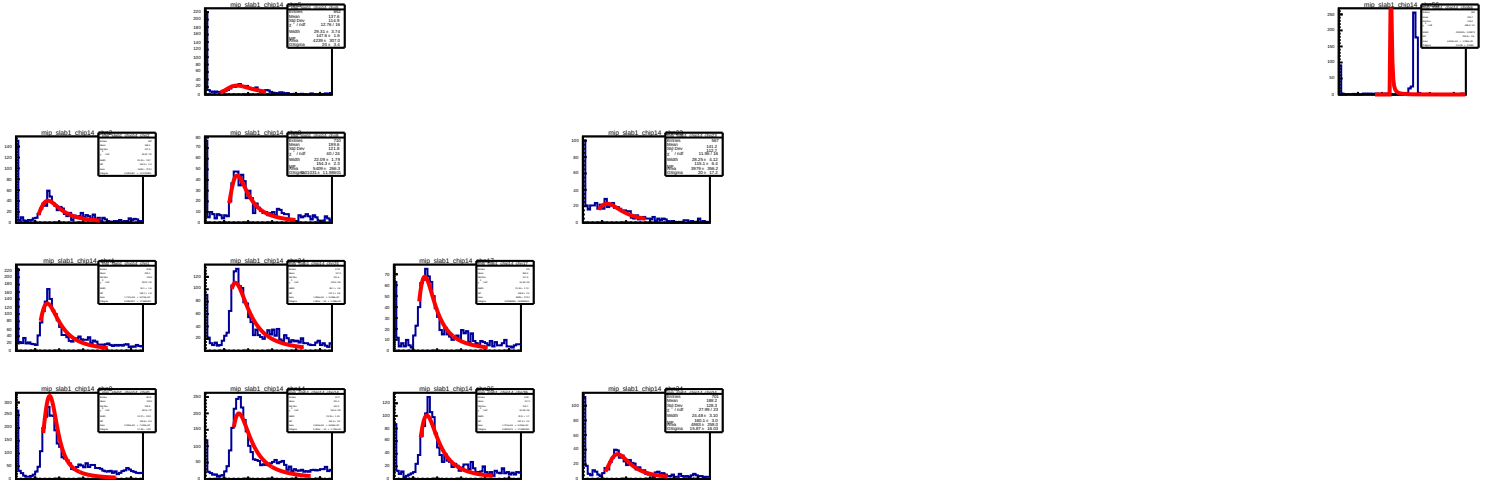

mip slab1 chip13 strip4
Entries 1014
Mean 34.0
Std Dev 17.0
χ² / ndf 21.62 / 14
Width 23.69 ± 2.24
MPV 1.465 ± 0.17
Integral 8.570 ± 7.02
Sigma 33 ± 0.1

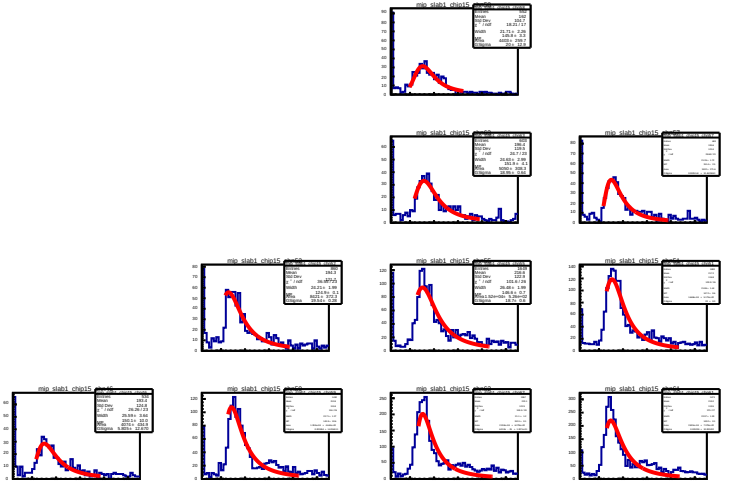

mip slab1 chip13 strip5
Entries 1014
Mean 34.0
Std Dev 17.0
χ² / ndf 21.62 / 14
Width 23.69 ± 2.24
MPV 1.465 ± 0.17
Integral 8.570 ± 7.02
Sigma 33 ± 0.1


mip slab1 chip13 strip6
Entries 1014
Mean 34.0
Std Dev 17.0
χ² / ndf 21.62 / 14
Width 23.69 ± 2.24
MPV 1.465 ± 0.17
Integral 8.570 ± 7.02
Sigma 33 ± 0.1


mip slab1 chip13 strip7
Entries 1014
Mean 34.0
Std Dev 17.0
χ² / ndf 21.62 / 14
Width 23.69 ± 2.24
MPV 1.465 ± 0.17
Integral 8.570 ± 7.02
Sigma 33 ± 0.1


mip slab1 chip13 strip8
Entries 1014
Mean 122.6
Std Dev 14.0
χ² / ndf 14.92 / 11
Width 28.4± 5.0
MPV 2.000 ± 0.0
Integral 3932 ± 48.1
Sigma 30 ± 0.1


mip slab1 chip14 chan2
mip slab1 chip14 chan3
mip slab1 chip14 chan4
mip slab1 chip14 chan5
mip slab1 chip14 chan6
mip slab1 chip14 chan7
mip slab1 chip14 chan8
mip slab1 chip14 chan9
mip slab1 chip14 chan10
mip slab1 chip14 chan11
mip slab1 chip14 chan12
mip slab1 chip14 chan13
mip slab1 chip14 chan14
mip slab1 chip14 chan15
mip slab1 chip14 chan16
mip slab1 chip14 chan17


mip slab1 chip15
mip slab1 chip15
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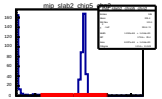
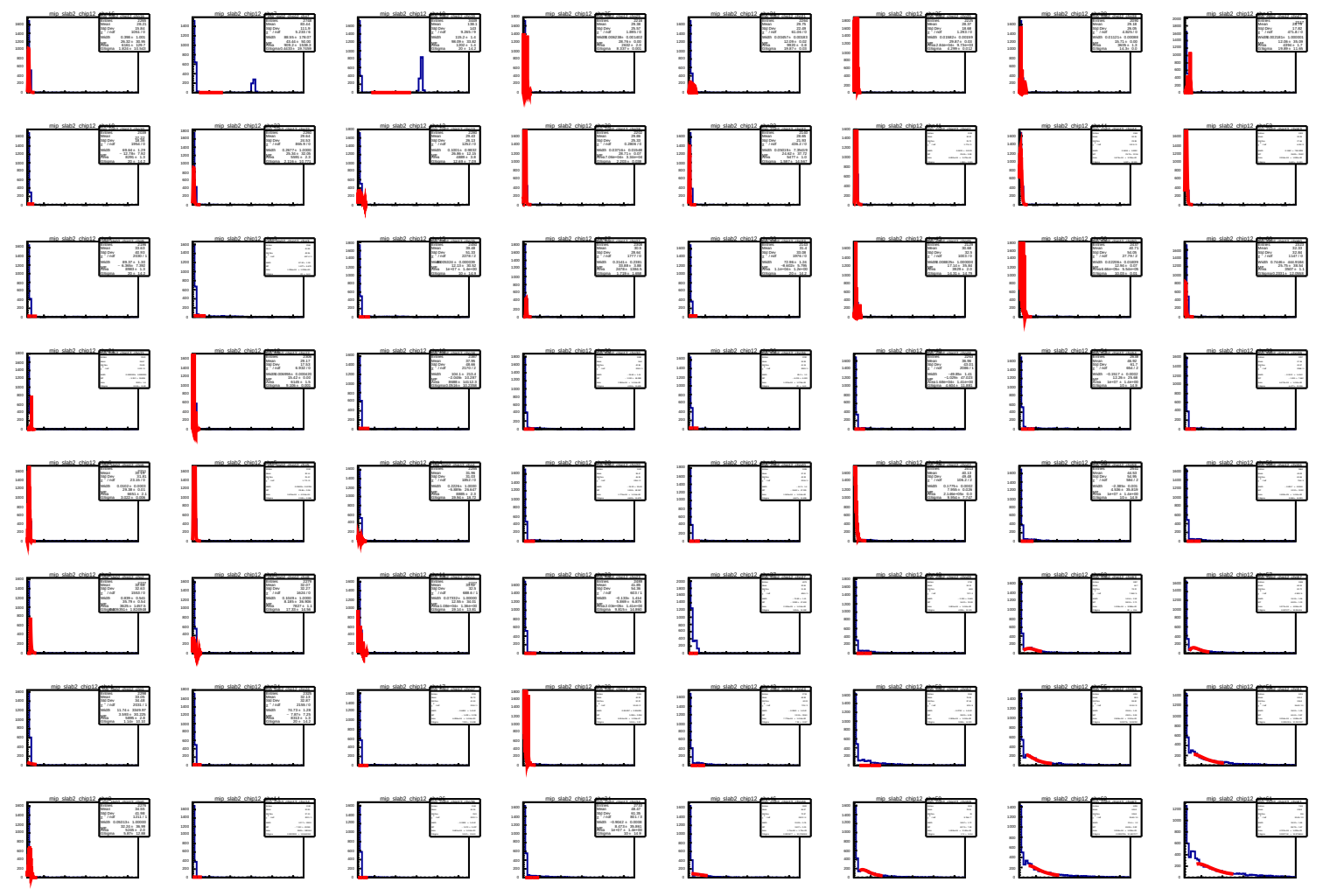
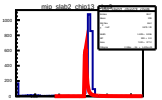
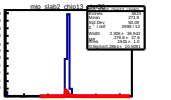
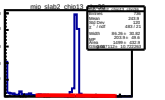
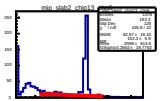

mio_slab2_chip5_strip2
160
140
120
100
80
60
40
20
0




mip slab2 chip13


mip slab2 chip13


mip slab2 chip13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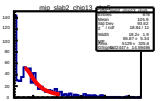
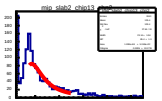
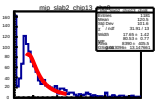
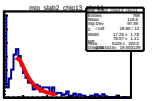
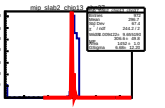
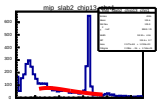

mip slab2 chip13

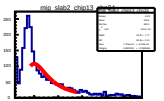

mip slab2 chip13

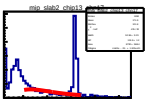

mip slab2 chip13

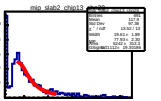

mip slab2 chip13

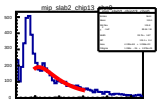

mip slab2 chip13

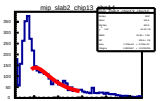

mip slab2 chip13

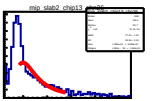

mip slab2 chip13

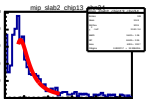

mip slab2 chip13

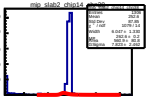

mip slab2 chip13

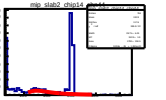

mip slab2 chip13


mip slab2 chip13


mip slab2 chip13


mip slab2 chip13


mip_slab2_chip14_chan2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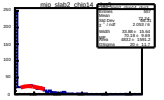
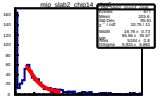
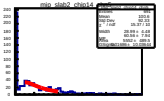
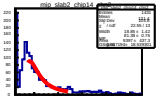
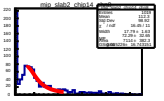
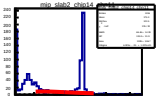

mip_slab2_chip14_chan4

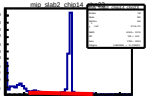

mip_slab2_chip14_chan5

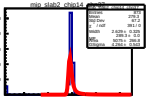

mip_slab2_chip14_chan6

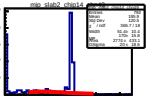

mip_slab2_chip14_chan7

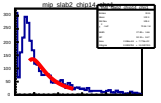

mip_slab2_chip14_chan8

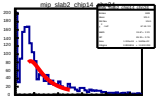

mip_slab2_chip14_chan9

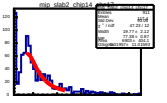

mip_slab2_chip14_chan10

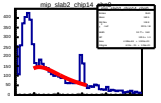

mip_slab2_chip14_chan11

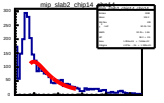

mip_slab2_chip14_chan12

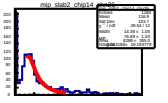

mip_slab2_chip14_chan13

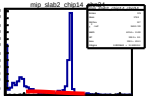

mip_slab2_chip14_chan14

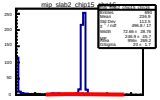

mip_slab2_chip14_chan15

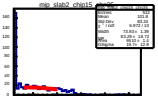

mip_slab2_chip14_chan16

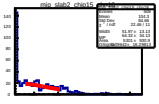

mip_slab2_chip14_chan17

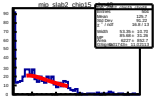

mip_slab2_chip14_chan18

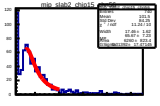

mip_slab2_chip14_chan19

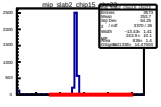

mip_slab2_chip15_chan15
Entries 1000
Mean 112.5
Std Dev 112.5
χ² / ndf 496.81 / 17
Width 72.66 ± 28.79
Area 1000 ± 0.0
MPV 888 ± 285.2
Sigma 24 ± 2.2

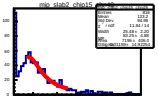

mip_slab2_chip15_chan16
Entries 1000
Mean 103.2
Std Dev 85.16
χ² / ndf 9.972 / 14
Width 19.93 ± 3.39
Area 1000 ± 0.0
MPV 65.16 ± 1.1
Sigma 10.76 ± 0.8

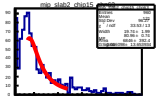

mip_slab2_chip15_chan17
Entries 1000
Mean 110.2
Std Dev 20.66
χ² / ndf 79.72 / 7
Width 51.97 ± 12.13
Area 1000 ± 16.12
MPV 1001 ± 160.5
Sigma 20.01 ± 3.2

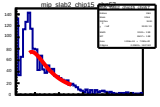

mip_slab2_chip15_chan18
Entries 1000
Mean 125.2
Std Dev 79.72
χ² / ndf 75.72 / 7
Width 53.39 ± 10.45
Area 1000 ± 15.19
MPV 1027 ± 163.1
Sigma 21.79 ± 3.1

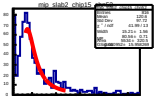

mip_slab2_chip15_chan19
Entries 1000
Mean 153.5
Std Dev 103.2
χ² / ndf 13.32 / 15
Width 17.81 ± 1.65
Area 1000 ± 0.0
MPV 1000 ± 147.1
Sigma 10.01 ± 0.8

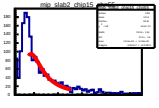

mip_slab2_chip15_chan20
Entries 1000
Mean 1001
Std Dev 20.12
χ² / ndf 3370 / 16
Width -13.26 ± 1.21
Area 2019 ± 22.3
MPV 1000 ± 0.0
Sigma 1159 ± 0.0

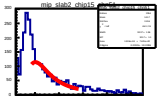

mip_slab2_chip15_chan21
Entries 1000
Mean 1012
Std Dev 13.84 / 14
χ² / ndf 29.49 ± 2.31
Width 33.70 ± 0.58
MPV 1000 ± 0.0
Sigma 1111 ± 0.0

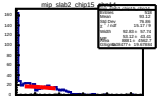

mip_slab2_chip15_chan22
Entries 1000
Mean 1000
Std Dev 15.63 / 13
χ² / ndf 29.70 ± 1.99
Width 30.96 ± 0.70
MPV 1000 ± 0.0
Sigma 1114 ± 0.0

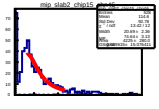

mip_slab2_chip15_chan23
Entries 1000
Mean 1000
Std Dev 1000
χ² / ndf 1000
Width 1000
MPV 1000
Sigma 1000

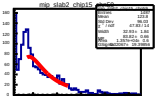

mip_slab2_chip15_chan24
Entries 1000
Mean 1012
Std Dev 97.72
χ² / ndf 1000
Width 15.21 ± 1.44
MPV 80.56 ± 0.71
Sigma 1000 ± 0.0

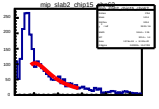

mip_slab2_chip15_chan25
Entries 1000
Mean 1000
Std Dev 1000
χ² / ndf 1000
Width 1000
MPV 1000
Sigma 1000

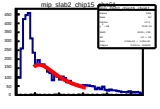

mip_slab2_chip15_chan26
Entries 1000
Mean 1000
Std Dev 1000
χ² / ndf 1000
Width 1000
MPV 1000
Sigma 1000

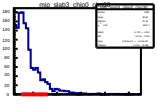

mip_slab2_chip15_chan27
Entries 1000
Mean 99.57
Std Dev 19.77
χ² / ndf 19.277 / 5
Width 92.83 ± 97.15
Area 1000 ± 0.0
MPV 888.1 ± 1087.7
Sigma 20.077 ± 19.978

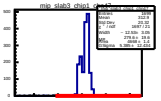

mip_slab2_chip15_chan28
Entries 1000
Mean 102.8
Std Dev 13.27 / 13
χ² / ndf 20.69 ± 2.36
Width 32.03 ± 0.61
MPV 1000 ± 1063
Sigma 14.07 ± 0.0

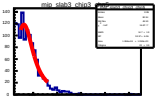

mip_slab2_chip15_chan29
Entries 1000
Mean 1012
Std Dev 17.83 / 14
χ² / ndf 32.93 ± 1.93
Width 33.70 ± 0.58
MPV 1,1,1,1,1,1,1,1,1,1
Sigma 1,1,1,1,1,1,1,1,1,1


mip_slab2_chip15_chan30
Entries 1000
Mean 1000
Std Dev 1000
χ² / ndf 1000
Width 1000
MPV 1000
Sigma 1000

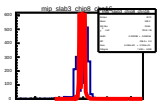

mip_slab2_chip15_chan31
Entries 1000
Mean 1000
Std Dev 1000
χ² / ndf 1000
Width 1000
MPV 1000
Sigma 1000

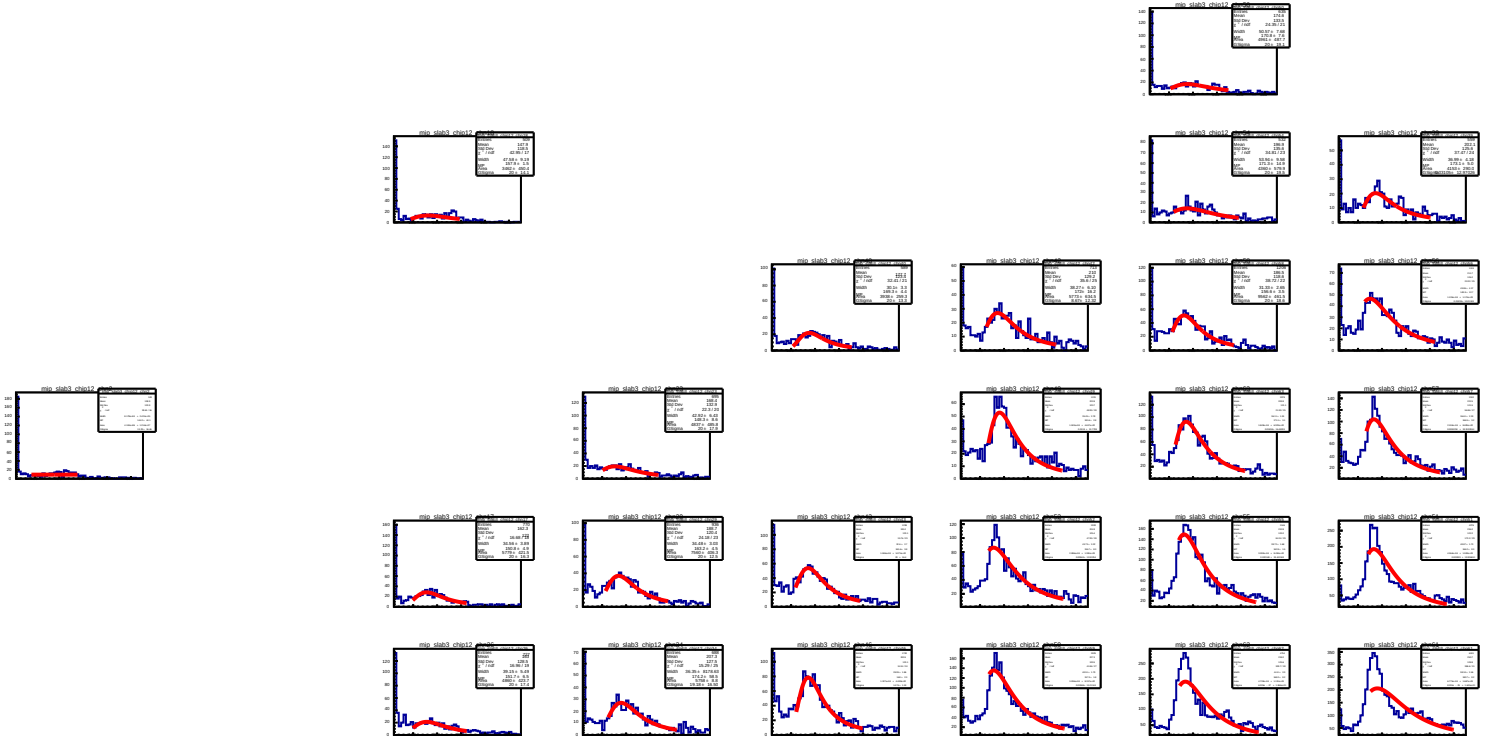


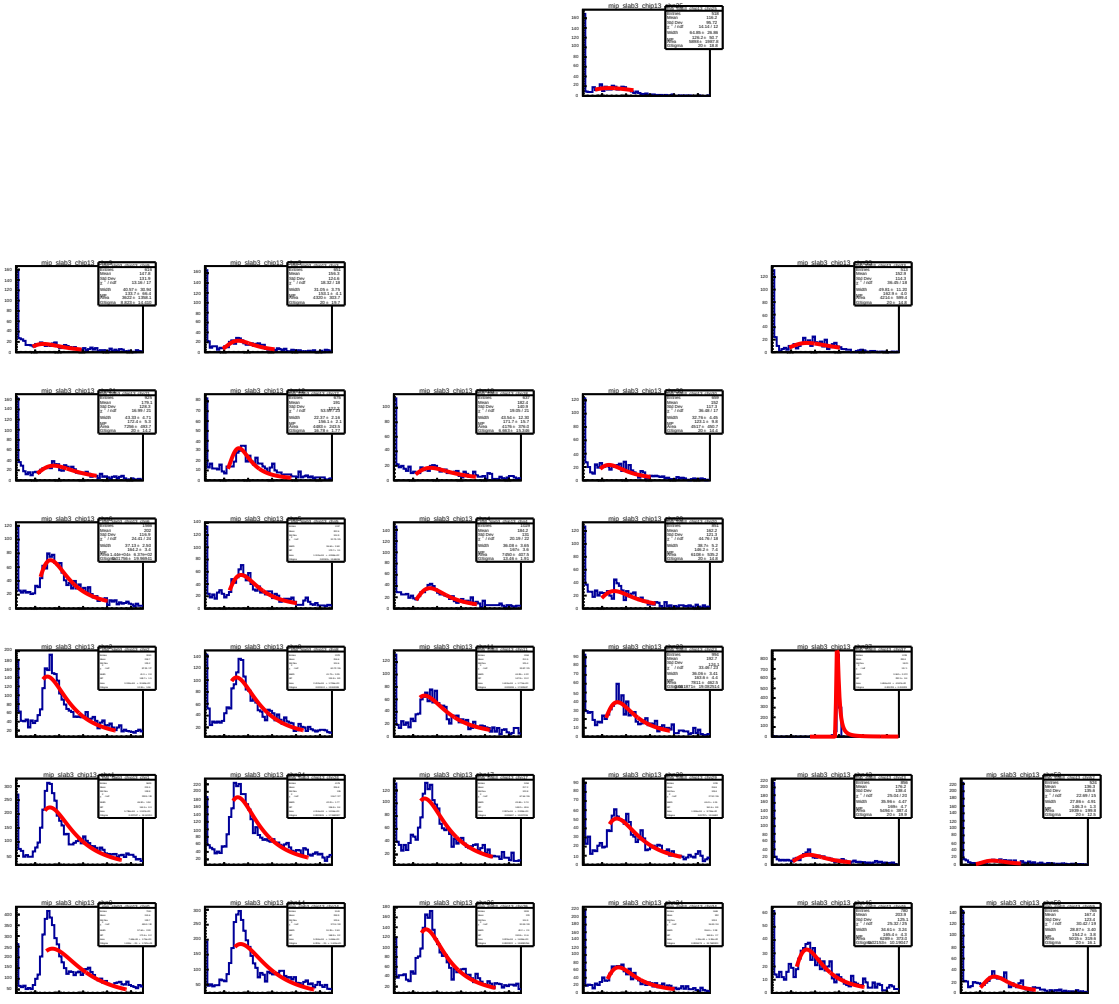

mip_slab3_chip1_chan25
Entries 1024
Mean 25.12
Std Dev 2.667
χ² / ndf 2.667 / 1
Width 0.100 ± 0.0
Mean 25.12 ± 0.0
Sigma 0.381 ± 0.0
500
400
300
200
100
0

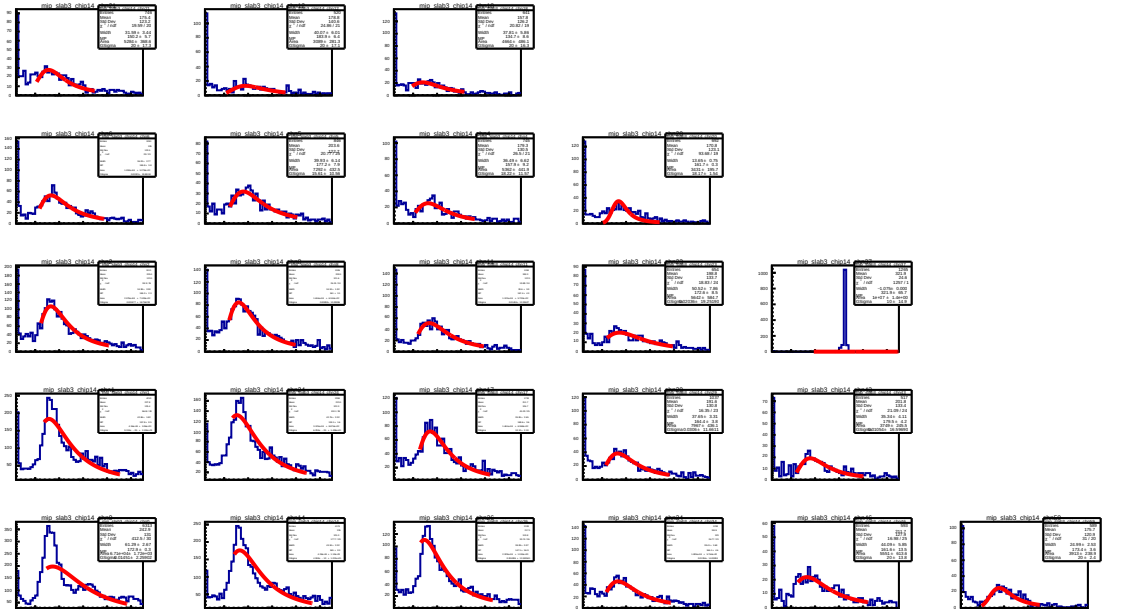

mip_slab3_chn3_pedf
Entries 1000
Mean 0.4
RMS 0.4
Underflow 0
Overflow 0
Integral 1000
Mean x 0.4
RMS x 0.4
Underflow x 0
Overflow x 0
Integral x 1000
Mean y 0.4
RMS y 0.4
Underflow y 0
Overflow y 0
Integral y 1000
Mean z 0.4
RMS z 0.4
Underflow z 0
Overflow z 0
Integral z 1000
140
120
100
80
60
40
20
0

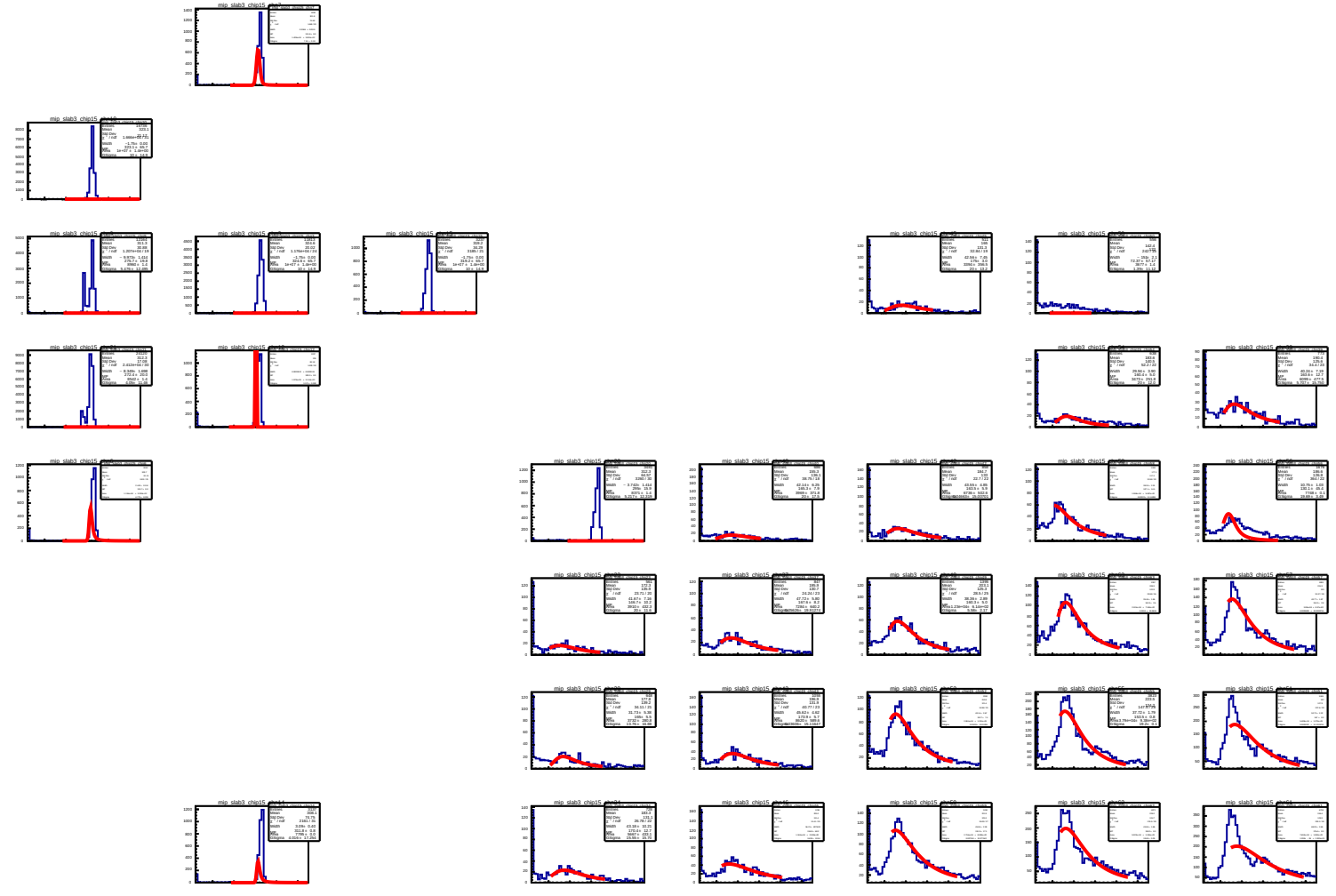
mip_slab3_chip5_ch10
Entries 1000
Mean 1.1
Std Dev 0.95
Underflow 0
Overflow 0
Integral 1000
χ² / ndf 1.1 / 1
p0 0.00 ± 0.00
p1 1.00 ± 0.00
p2 0.00 ± 0.00
p3 0.00 ± 0.00
350
300
250
200
150
100
50
0

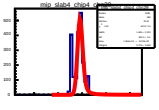

msp_slab3_chip8_chip5
600
500
400
300
200
100
0
Mean 0.000
Sigma 0.000
Skew 0.000
Kurt 0.000
Entries 1000000
Underflow 0
Overflow 0
Integral 1.000000
Underflow 0.000000
Overflow 0.000000

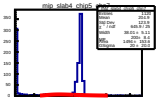

mip slab3 chip12
Entries
Mean
Std Dev
χ² / ndf
Width
MPV
Integral

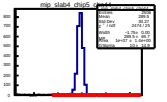


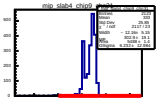





mip_slab4_cbin4_ptcut0
Entries 1000
Mean 0.0000
Mean x 0.0000
Mean y 0.0000
Mean z 0.0000
Std Dev 0.0000
Std Dev x 0.0000
Std Dev y 0.0000
Std Dev z 0.0000
Underflow 0
Overflow 0
Integral 1000
500
400
300
200
100
0


mip slab4 chip5 chan5
Entries 1000
Mean 1514
Std Dev 17.18
χ² / ndf 318.7 / 25
width 38.20 ± 9.12
Mean 1.662e+ 04 ± 1.
Integral 200 ± 14.1


mip slab4 chip5 chan6
Entries 2000
Mean 2001
Std Dev 24.72 / 24
χ² / ndf
0.75± 0.90
width
Mean 1.e+07 ± 1.1e+02
Integral 24.5 ± 4.9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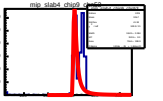
Entries 1000
Mean 22.09
Std Dev 25.85
χ / ndf 21.17 / 19
Const 22.38± 9.20
Mean 22.09± 0.82
Sigma 5.68± 1.14
Sigma2 6.57± 17.84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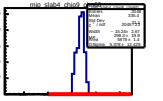
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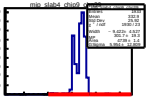
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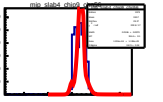
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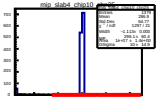
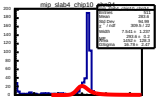
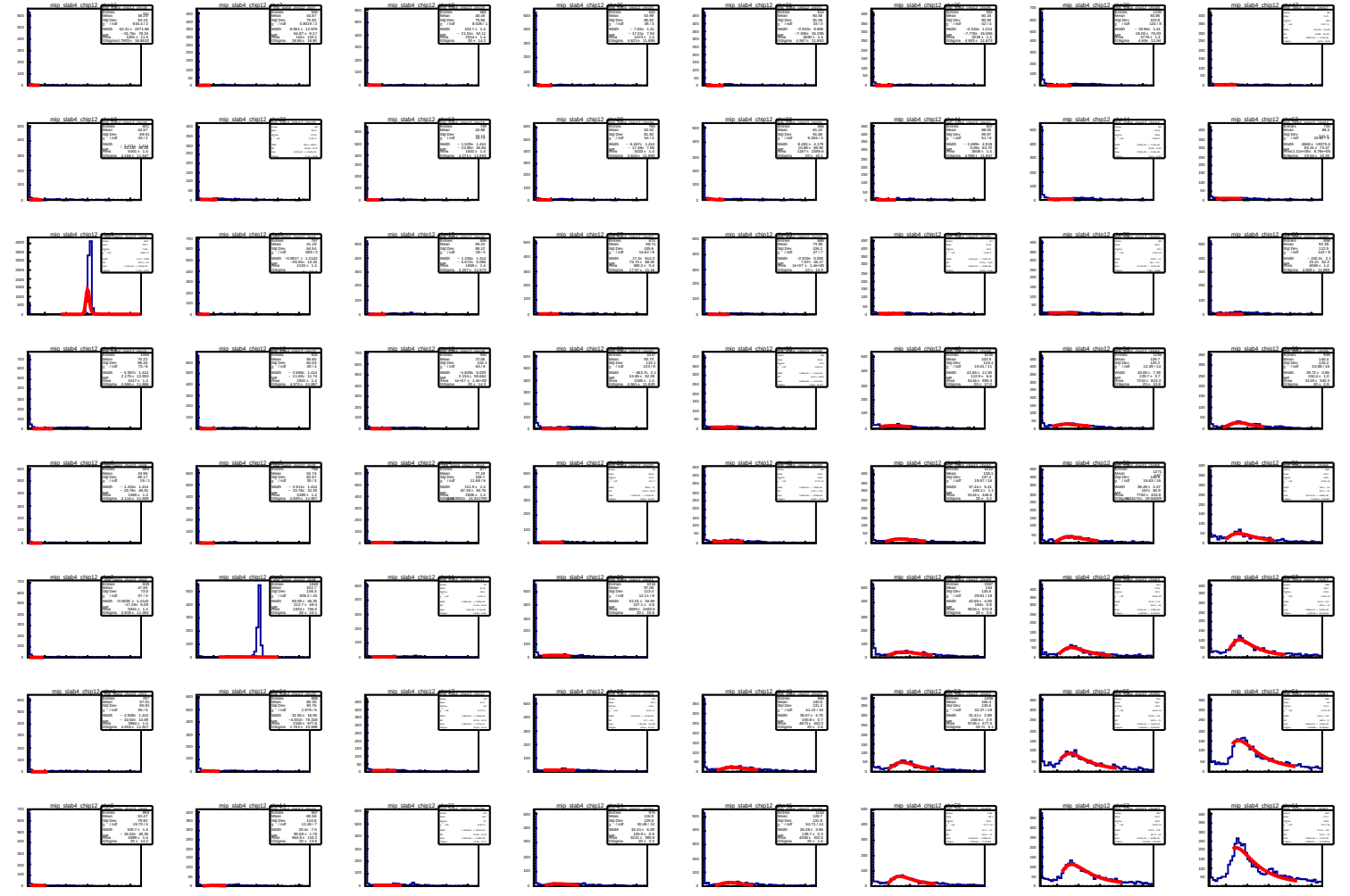
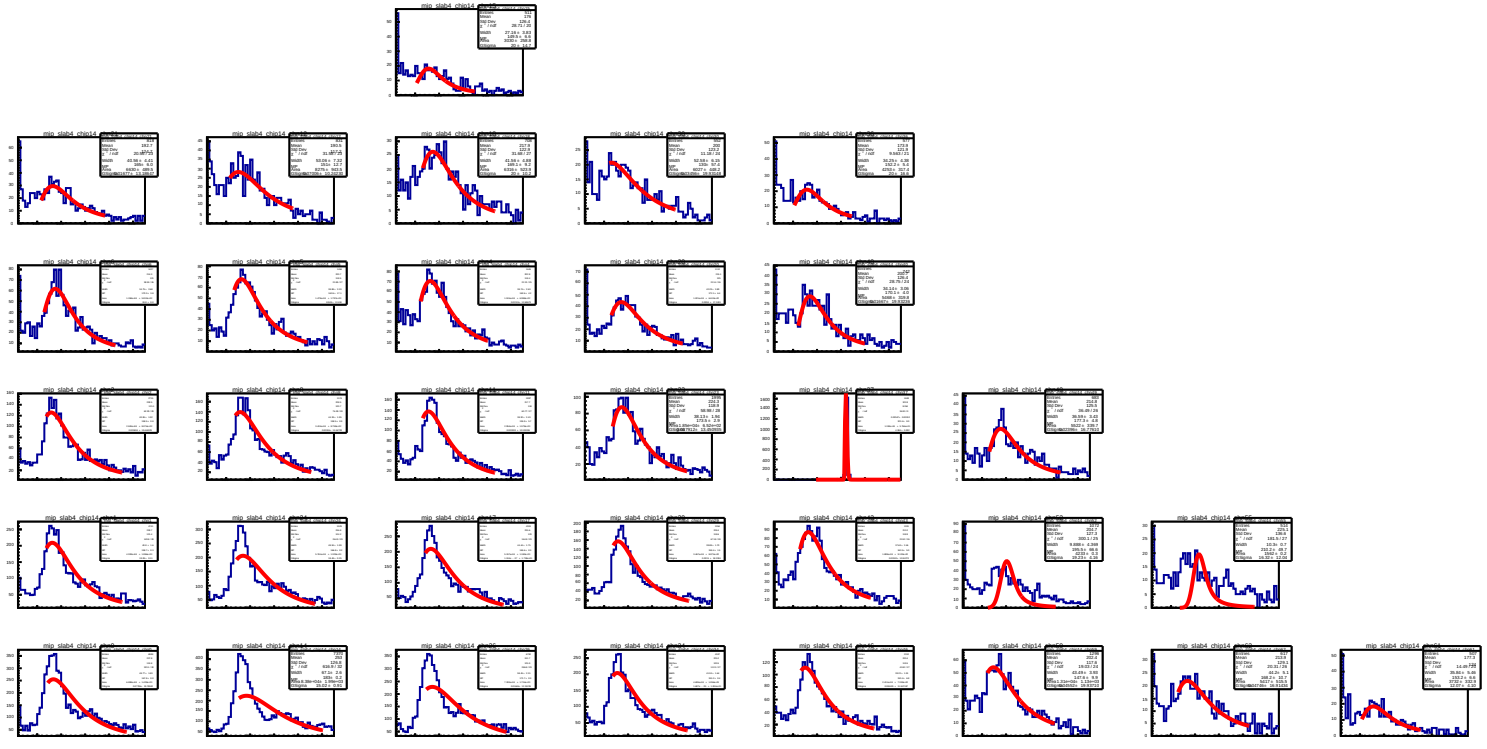
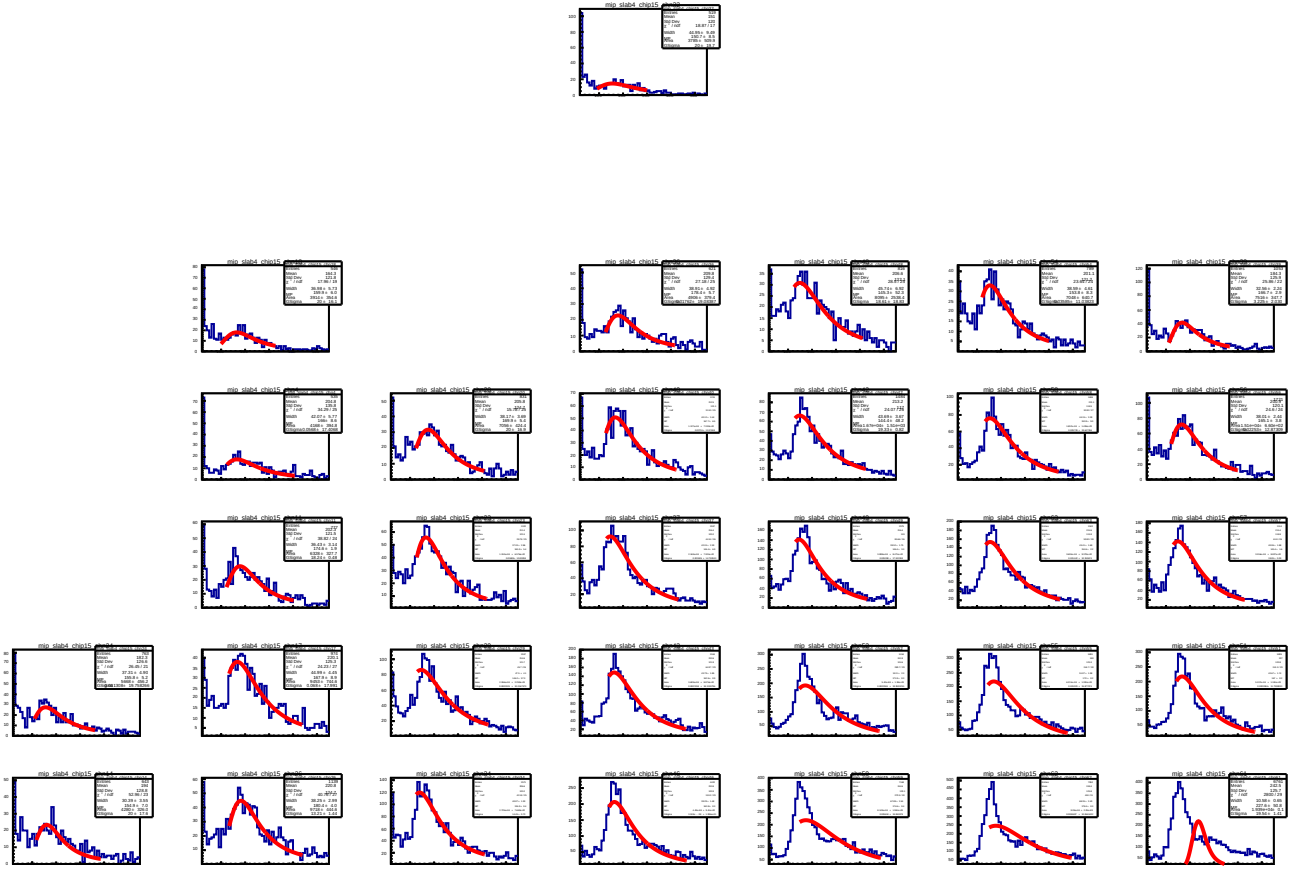

mip_slab4_chip10_pad_62
Entries 2815
Mean 283.9
Std Dev 65.17
χ² / ndf 1287 / 11
Width 0.918 ± 0.012
Mean 283.9 ± 0.0
Sigma 65.17 ± 1.14
Integral 30.1 ± 0.5


mip_slab4_chip10_pad_62
Entries 2815
Mean 39.05
Std Dev 39.18
χ² / ndf 339.5 / 12
Width 7.541 ± 1.207
Mean 39.05 ± 0.0
Sigma 39.18 ± 1.08
Integral 26.79 ± 1.2






mip slab4 chip15