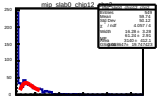
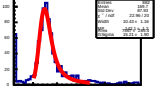
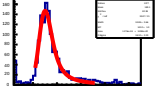

mip_slab0_chip12
Entries 1024
Mean 39.12
Std Dev 6.087
χ² / ndf 6.087 / 4
Peak 24.28 ± 2.24
Mean 31.16 ± 2.93
Sigma 7.14 ± 0.71
Integral 31.16 ± 1.71


mip_slab0_chip12
Entries 1024
Mean 39.12
Std Dev 22.00
χ² / ndf 22.00 / 4
Peak 22.42 ± 1.16
Mean 39.12 ± 1.10
Sigma 20.71 ± 1.02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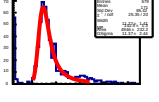
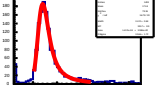

mip_slab0_chip12
Entries 1024
Mean 39.12
Std Dev 25.39
χ² / ndf 25.39 / 15
Peak 72.72 ± 3.21
Mean 39.12 ± 1.10
Sigma 11.57 ± 1.02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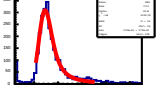
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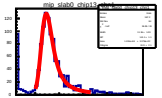
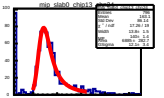
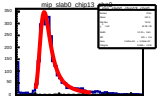
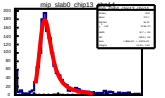
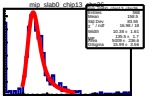
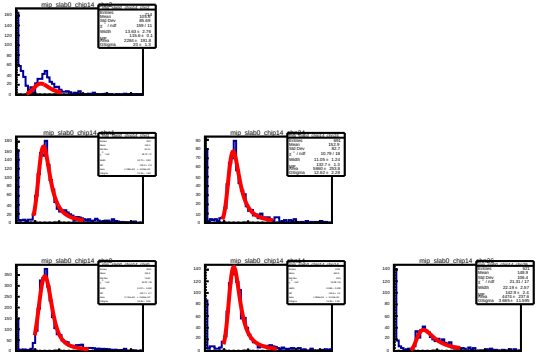

mip_slab0_chip13_chan1
Entries 1000
Mean 2.07
Std Dev 39.14
χ2 / ndf 57.7 / 19
Prob 0.000
Const 1.01 ± 1.3
MPV 0.0017 ± 0.0
Sigma 0.0 ± 0.0

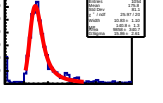

mip_slab0_chip13_chan2
Entries 1000
Mean 2.07
Std Dev 39.14
χ2 / ndf 57.7 / 19
Prob 0.000
Const 1.01 ± 1.3
MPV 0.0017 ± 0.0
Sigma 0.0 ± 0.0

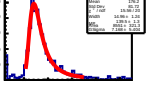

mip_slab0_chip13_chan3
Entries 1000
Mean 2.07
Std Dev 39.14
χ2 / ndf 57.7 / 19
Prob 0.000
Const 1.01 ± 1.3
MPV 0.0017 ± 0.0
Sigma 0.0 ± 0.0

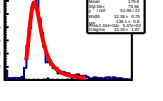

mip_slab0_chip13_chan4
Entries 1000
Mean 2.07
Std Dev 39.14
χ2 / ndf 57.7 / 19
Prob 0.000
Const 1.01 ± 1.3
MPV 0.0017 ± 0.0
Sigma 0.0 ± 0.0

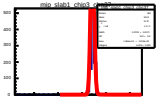

mip_slab0_chip13_chan5
Entries 1000
Mean 2.07
Std Dev 39.14
χ2 / ndf 57.7 / 19
Prob 0.000
Const 1.01 ± 1.3
MPV 0.0017 ± 0.0
Sigma 0.0 ± 0.0

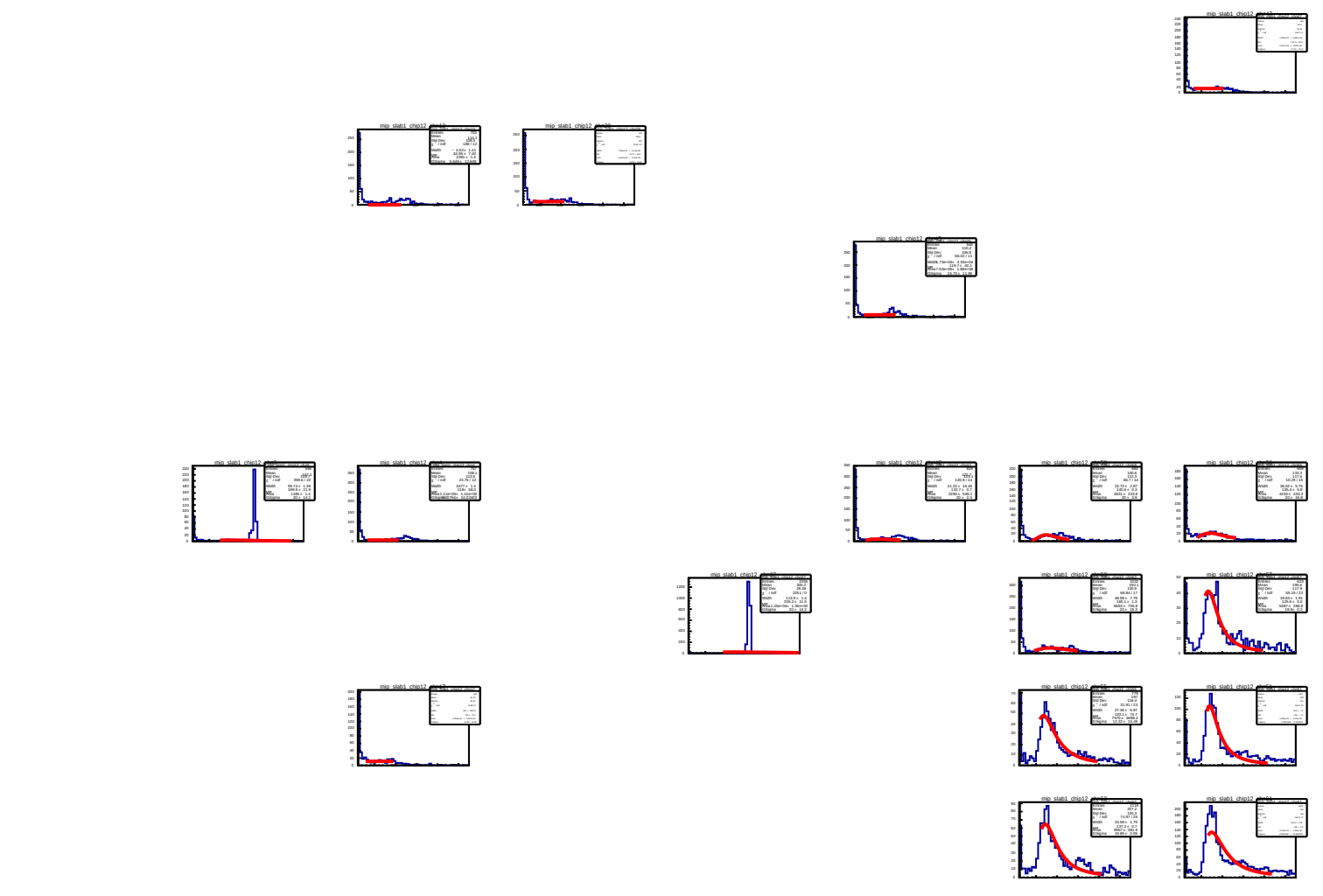

mip_slab0_chip14_chan0
mip_slab0_chip14_chan1
mip_slab0_chip14_chan2
mip_slab0_chip14_chan3
mip_slab0_chip14_chan4
mip_slab0_chip14_chan5

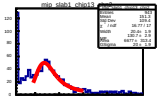

mip slab0 chip15 chan15
Entries 1000
Mean 1.024
Std Dev 0.1
χ² / ndf 25.97 / 11
Width 0.1 ± 0.0
MPV 1.000 ± 0.0
Integral 10.00 ± 0.0

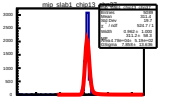

mip slab0 chip15 chan15
Entries 1000
Mean 10.2
Std Dev 1.02
χ² / ndf 15.90 / 23
Width 10.98 ± 1.26
MPV 9.99 ± 0.0
Integral 2933 ± 141.3

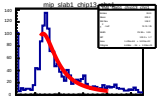

mip slab0 chip15 chan15
Entries 1000
Mean 1.014
Std Dev 1.016
χ² / ndf 51.90 / 11
Width 12.58 ± 0.76
MPV 11.00 ± 0.0
Integral 5.25e+03 ± 5.25e+02
Sigma 15.58 ± 1.4

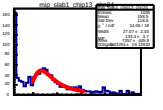

mip_slab1_chip3_c_mip
500
400
300
200
100
0
Mean 0.0000 ± 0.0000
Sigma 0.0000 ± 0.0000
Chi2 / ndf 0.0000 / 0.0000
Prob 0.0000
Constant 0.0000 ± 0.0000
Mean 0.0000 ± 0.0000
Sigma 0.0000 ± 0.0000

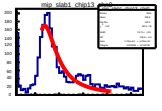

mip slab1 chip12
mip slab1 chip12
mip slab1 chip12

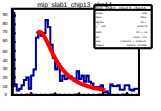

mip slab1 chip13 strip2
Entries 1024
Mean 111.1
Std Dev 13.4
χ² / ndf 16.77 / 17
Prob 0.4
Width 20.4 ± 1.9
MPV 110.2 ± 2.8
Area 1677.3 ± 71.8
Sigma 5.7 ± 0.3

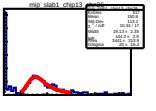

mip slab1 chip13 strip3
Entries 1024
Mean 111.4
Std Dev 13.4
χ² / ndf 526.7 / 1
Prob 0.002 ± 1.000
Width 111.2 ± 58.8
MPV 1.1e+1 ± 1.0e+1
Area 2.85e+3 ± 3.1e+02
Sigma 7.8e+1 ± 1.1e+02

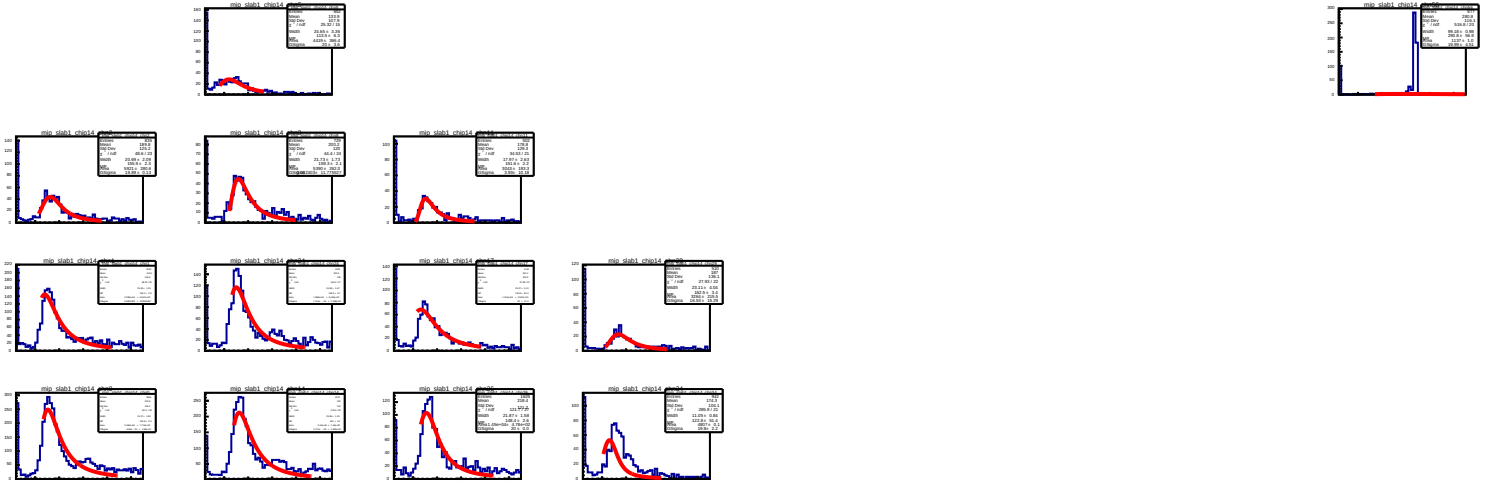

mip slab1 chip13 strip4
Entries 1024
Mean 111.1
Std Dev 13.4
χ² / ndf 37.07 / 19
Prob 0.01
Width 110.4 ± 3.2
MPV 110.2 ± 0.8
Area 3.0e+03 ± 2.1e+02
Sigma 6.0e+1 ± 2.1e+01


mip slab1 chip13 strip5
Entries 1024
Mean 111.1
Std Dev 13.4
χ² / ndf 13.8 / 19
Prob 0.8
Width 20.4 ± 1.9
MPV 110.2 ± 2.8
Area 1677.3 ± 71.8
Sigma 5.7 ± 0.3


mip slab1 chip13 strip6
Entries 1024
Mean 111.1
Std Dev 13.4
χ² / ndf 19.7 / 19
Prob 0.4
Width 20.4 ± 1.9
MPV 110.2 ± 2.8
Area 1677.3 ± 71.8
Sigma 5.7 ± 0.3


mip slab1 chip13 strip7
Entries 1024
Mean 111.1
Std Dev 13.4
χ² / ndf 19.7 / 19
Prob 0.4
Width 20.4 ± 1.9
MPV 110.2 ± 2.8
Area 1677.3 ± 71.8
Sigma 5.7 ± 0.3


mip slab1 chip13 strip8
Entries 1024
Mean 111.1
Std Dev 13.4
χ² / ndf 10.81 / 17
Prob 0.9
Width 19.13 ± 2.26
MPV 110.2 ± 2.8
Area 1677.3 ± 71.8
Sigma 5.7 ± 0.3


mip slab1 chip14
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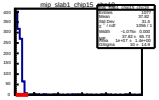
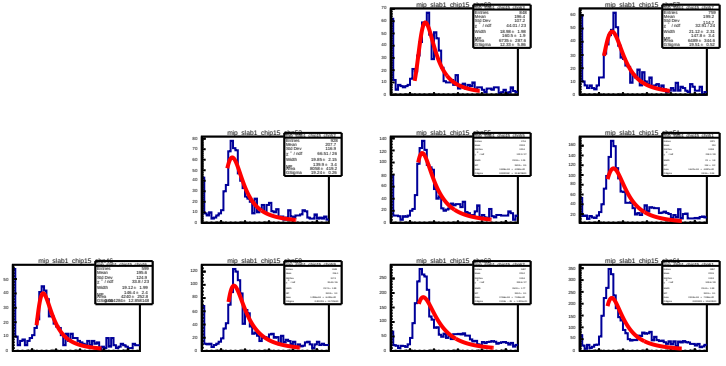
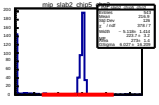
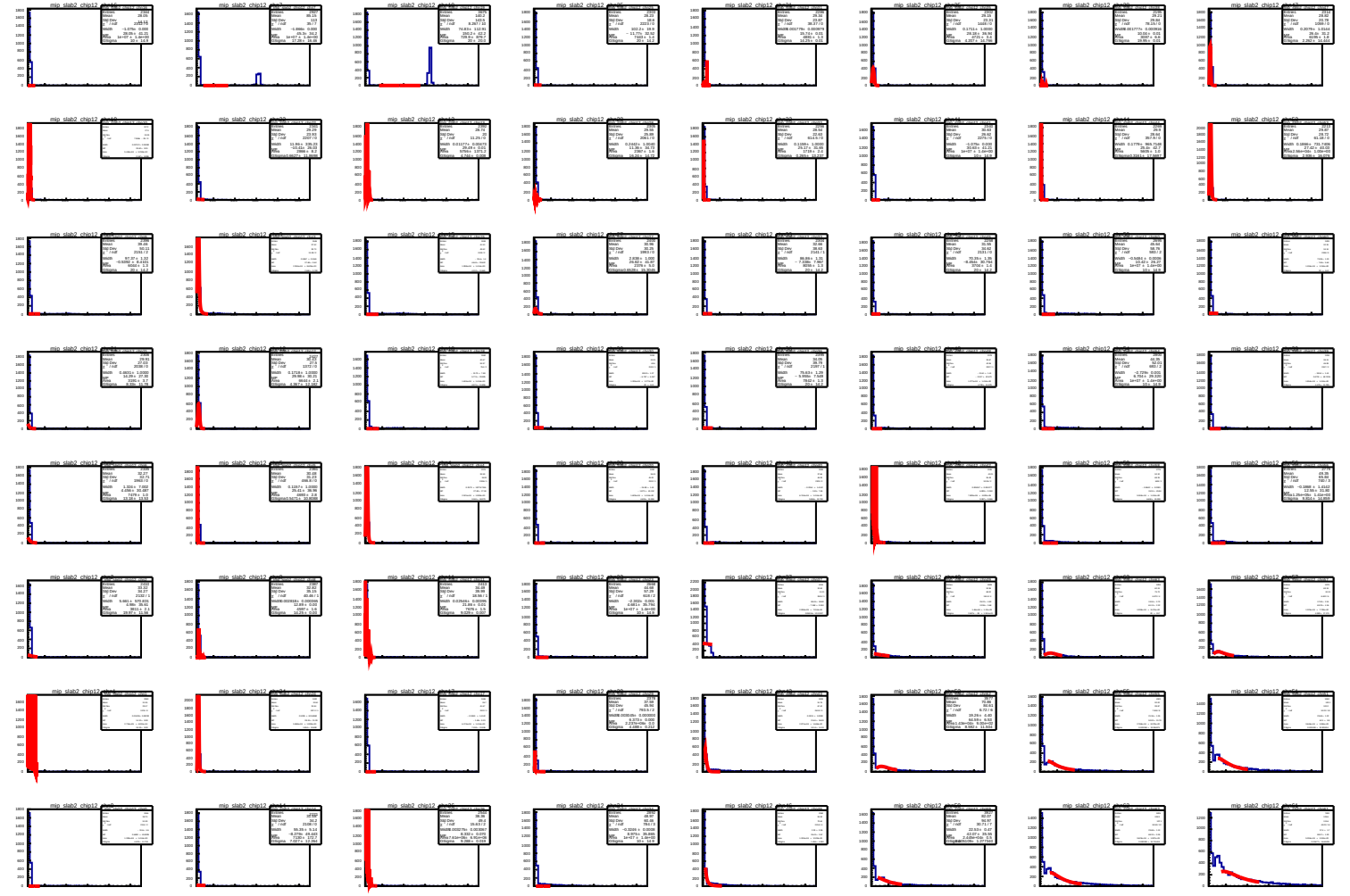
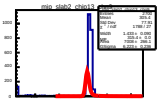

mip slab1 chip15 chan0
Entries 1000
Mean 32.32
Std Dev 31.5
χ² / ndf 1084 / 1
Prob 0.000
Constant 0.002 ± 0.000
Mean 14.07 ± 14.00
Sigma 34.1 ± 1.3




mip_slab2_chip5_chn2
200
180
160
140
120
100
80
60
40
20
0
Entries 1024
Mean 2.115
Std Dev 0.7
Underflow 0
Overflow 0
Integral 1024
Mean 2.115 ± 0.024
Std Dev 0.7 ± 0.02
Underflow 0.0000 ± 0.0000
Overflow 0.0000 ± 0.0000

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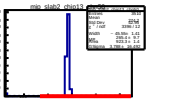
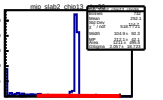
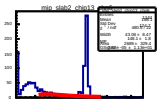

mip slab2 chip13


mip slab2 chip13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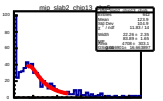
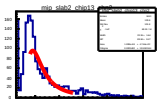
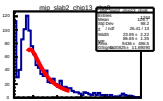
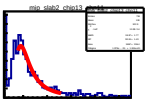
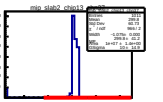

mip slab2 chip13


mip slab2 chip13


mip slab2 chip13


mip slab2 chip13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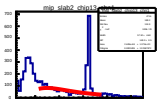
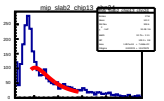
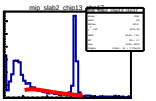
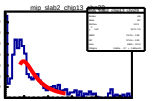

mip slab2 chip13


mip slab2 chip13


mip slab2 chip13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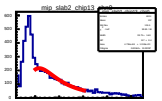
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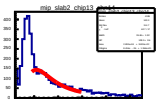
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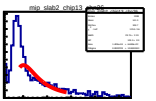
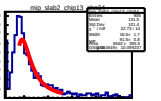

mip slab2 chip13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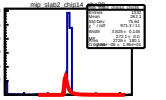
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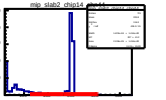
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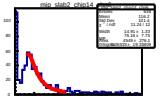
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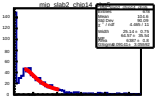
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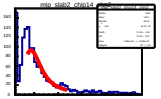
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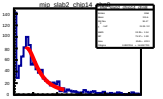
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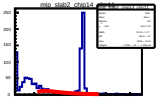
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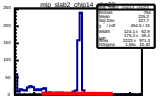
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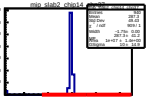
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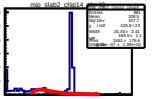
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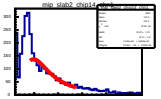
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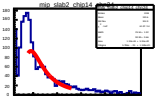
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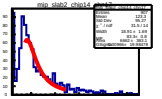
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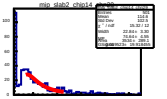
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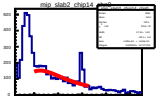
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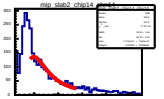
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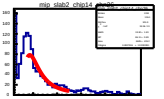
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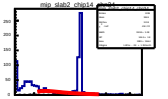
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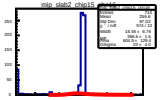
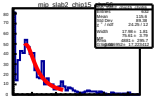
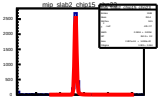
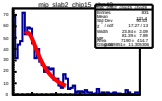
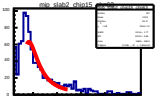
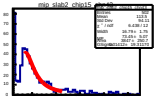

mip_slab2_chip15_chan32
Entries 1024
Mean 97.02
Std Dev 5.51 / 12
χ² / ndf 38.98 / 9.79
Width 9.79 ± 0.12
MPV 102.51 ± 1.25 ± 0.12
Sigma 24.1 ± 2.2

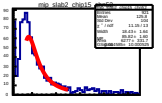

mip_slab2_chip15_chan33
Entries 1024
Mean 19.14
Std Dev 10.12
χ² / ndf 24.26 / 12
Width 17.81 ± 1.01
MPV 29.1 ± 2.9 ± 1.7
Sigma 11.7 ± 2.2 ± 1.1

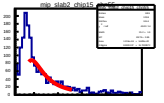

mip_slab2_chip15_chan34
Entries 1024
Mean 1000.5
Std Dev 0.29
χ² / ndf 1.17 / 13
Width 23.61 ± 2.55
MPV 81.55 ± 7.59
Sigma 11.7 ± 2.2 ± 1.1

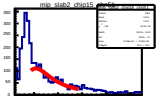

mip_slab2_chip15_chan35
Entries 1024
Mean 1000.5
Std Dev 0.29
χ² / ndf 1.17 / 13
Width 23.61 ± 2.55
MPV 81.55 ± 7.59
Sigma 11.7 ± 2.2 ± 1.1


mip_slab2_chip15_chan36
Entries 1024
Mean 1000.5
Std Dev 0.29
χ² / ndf 1.17 / 13
Width 23.61 ± 2.55
MPV 81.55 ± 7.59
Sigma 11.7 ± 2.2 ± 1.1


mip_slab2_chip15_chan37
Entries 1024
Mean 1000.5
Std Dev 0.29
χ² / ndf 1.17 / 13
Width 23.61 ± 2.55
MPV 81.55 ± 7.59
Sigma 11.7 ± 2.2 ± 1.1


mip_slab2_chip15_chan38
Entries 1024
Mean 1000.5
Std Dev 0.29
χ² / ndf 1.17 / 13
Width 23.61 ± 2.55
MPV 81.55 ± 7.59
Sigma 11.7 ± 2.2 ± 1.1


mip_slab2_chip15_chan39
Entries 1024
Mean 1000.5
Std Dev 0.29
χ² / ndf 1.17 / 13
Width 23.61 ± 2.55
MPV 81.55 ± 7.59
Sigma 11.7 ± 2.2 ± 1.1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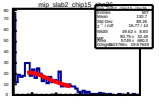
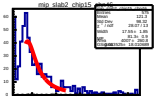
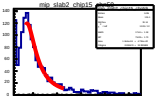
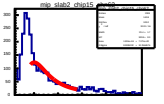
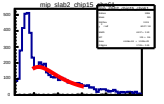
Entries 1024
Mean 1000.5
Std Dev 0.29
χ² / ndf 1.17 / 13
Width 23.61 ± 2.55
MPV 81.55 ± 7.59
Sigma 11.7 ± 2.2 ± 1.1

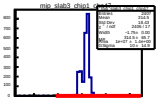

mip_slab2_chip15_chan41
Entries 1024
Mean 19.17
Std Dev 16.77 / 14
χ² / ndf 49.42 ± 8.61
Width 16.77 ± 1.18
MPV 57.65 ± 3.60 ± 0.12
Sigma 14.7 ± 0.9

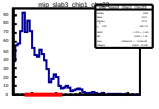

mip_slab2_chip15_chan42
Entries 1024
Mean 19.17
Std Dev 16.77 / 14
χ² / ndf 49.42 ± 8.61
Width 16.77 ± 1.18
MPV 57.65 ± 3.60 ± 0.12
Sigma 14.7 ± 0.9

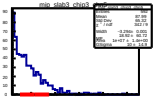

mip_slab2_chip15_chan43
Entries 1024
Mean 19.17
Std Dev 16.77 / 14
χ² / ndf 49.42 ± 8.61
Width 16.77 ± 1.18
MPV 57.65 ± 3.60 ± 0.12
Sigma 14.7 ± 0.9

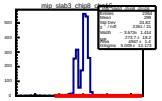

mip_slab2_chip15_chan44
Entries 1024
Mean 19.17
Std Dev 16.77 / 14
χ² / ndf 49.42 ± 8.61
Width 16.77 ± 1.18
MPV 57.65 ± 3.60 ± 0.12
Sigma 14.7 ± 0.9

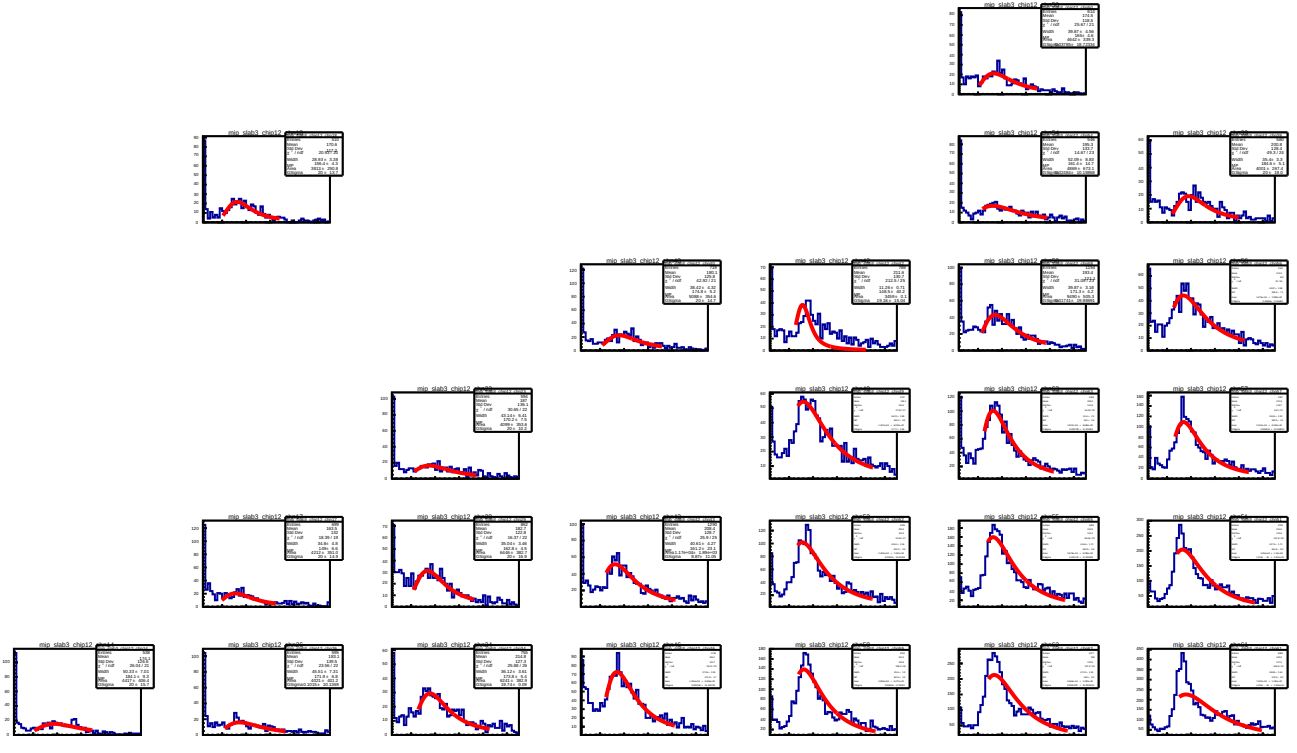

mip_slab2_chip15_chan45
Entries 1024
Mean 19.17
Std Dev 16.77 / 14
χ² / ndf 49.42 ± 8.61
Width 16.77 ± 1.18
MPV 57.65 ± 3.60 ± 0.12
Sigma 14.7 ± 0.9

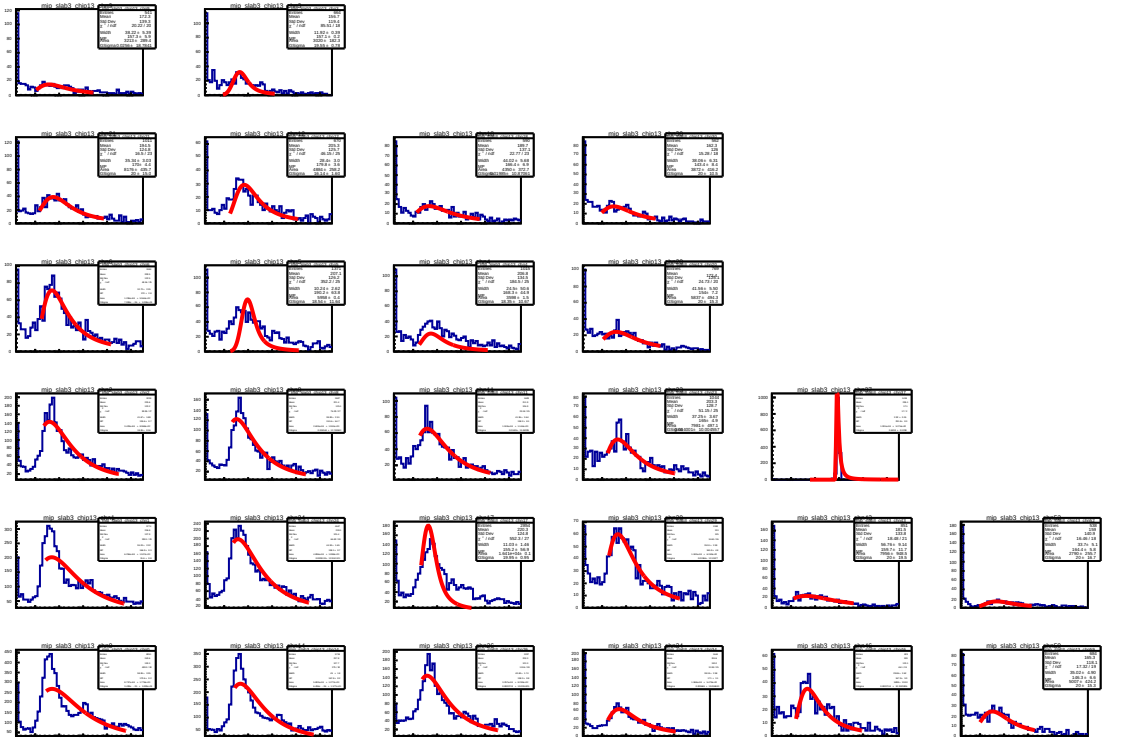

mip_slab3_chip1_chan3
Entries 1024
Mean 19.15
Std Dev 18.15
χ² / ndf 2489.17
Width 1.78± 0.12
Area 1.04e+03
MPV 1.4e+03 ± 1.4e+03
Sigma 1.01± 1.01

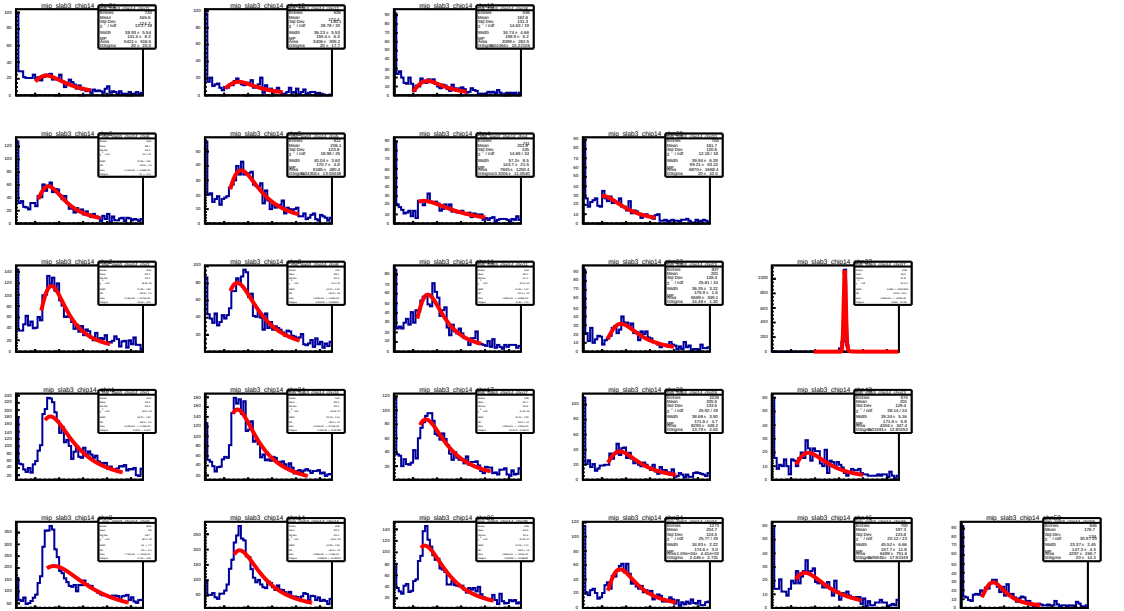

mip_slab3_chip1_chan3

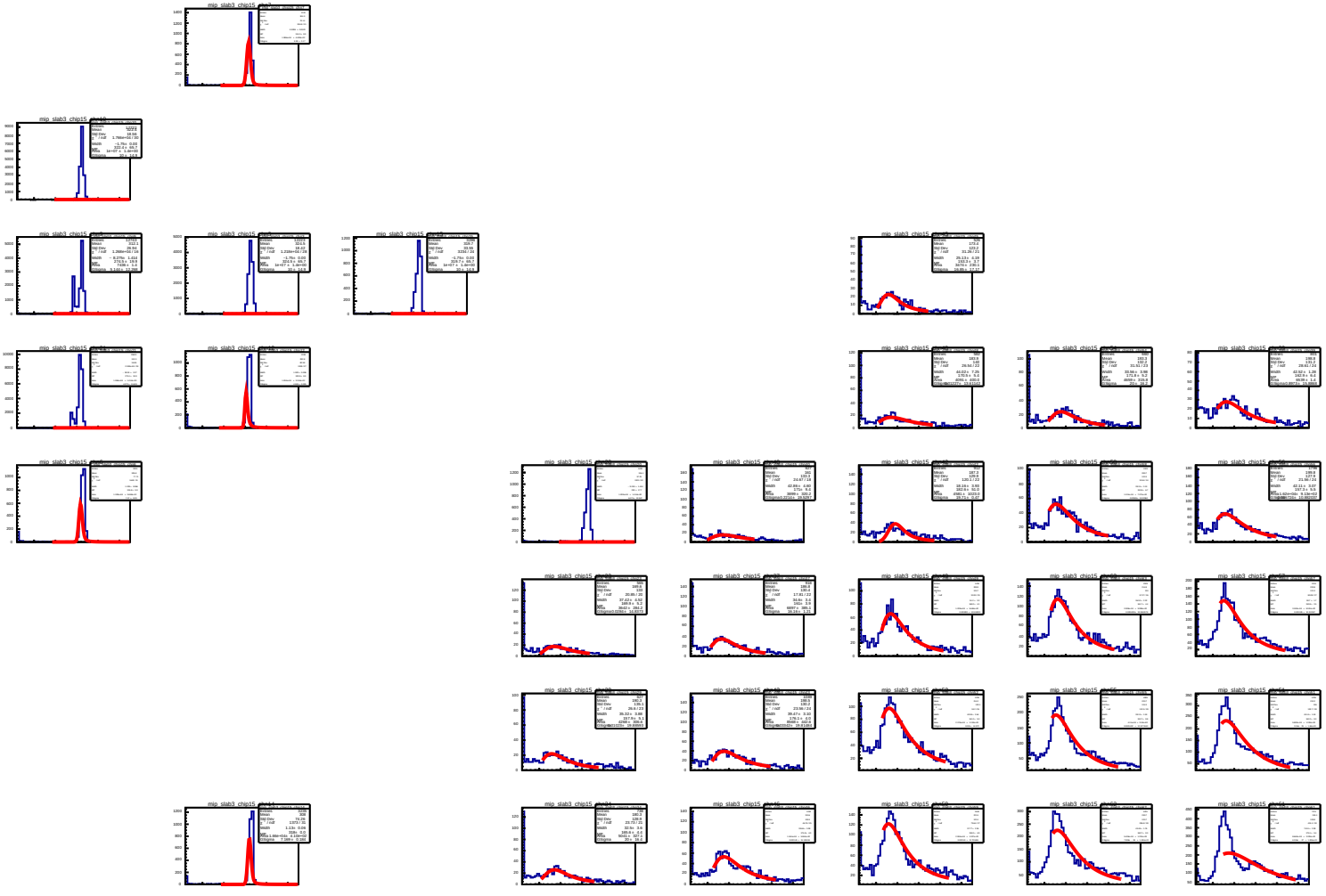

mip_slab3_chip3
Entries 87.5K
Mean 55.72
Std Dev 39.57
χ / ndf 392 / 79
Width 0.2500 ± 0.0021
Mean 16.8251 ± 0.0000
Sigma 14.417 ± 1.9E-05
Integral 2.7 ± 0.0
80
70
60
50
40
30
20
10
0

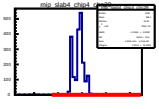

msp_slab3_chip6_c4ch5
Entries 1000
Mean 2.02
Std Dev 2261.71
Underflow 0
Overflow 0
Integral 1000
500
400
300
200
100
0

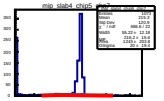

mip slab3 chip12
mip slab3 chip12
mip slab3 chip12

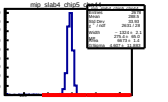


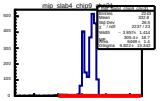

mip slab3 chip14
Mean
Std Dev
χ² / ndf
Width
MPV
Integral

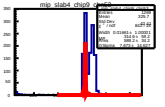


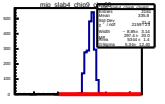

mip_slab4_cbb4_ch20
Entries 1000
Mean 0.4
Mean x 0.4
Std Dev 0.4
Std Dev x 0.4
Integral 1000.
Underflow 0.
Overflow 0.
Linear scale
Nbins = 100
Xmin = 0.
Xmax = 1.
Underflow Inflow
500
450
400
350
300
250
200
150
100
50
0

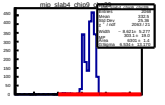

mip slab4 chip5 chan2
Entries 1024
Mean 1024.
Std Dev 101.8
χ² / ndf 3886.8 / 14
Width 16.324 ± 12.18
Mean 1021. ± 0.3
Sigma 20.7 ± 0.3

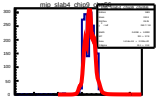

mip slab4 chip5 chan3
Entries 2815
Mean 2815.
Std Dev 29.1
χ² / ndf 2621.19
Width 1.019 ± 2.1
Mean 2813. ± 0.1
Sigma 29.71 ± 0.2
Sigma 1.07 ± 0.04

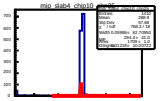

mip_slab4_chip2_stack1
Entries 2217
Mean 26.6
Std Dev 23.7
χ² / ndf 2237 / 13
Prob 0
Constant ± 3.8551 ± 3.414
Mean ± 0.0000 ± 0.0
Sigma ± 0.0000 ± 0.0
Integral ± 0.0000 ± 0.0
Mean ± 0.0000 ± 0.0
Sigma ± 0.0000 ± 0.0

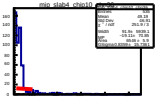
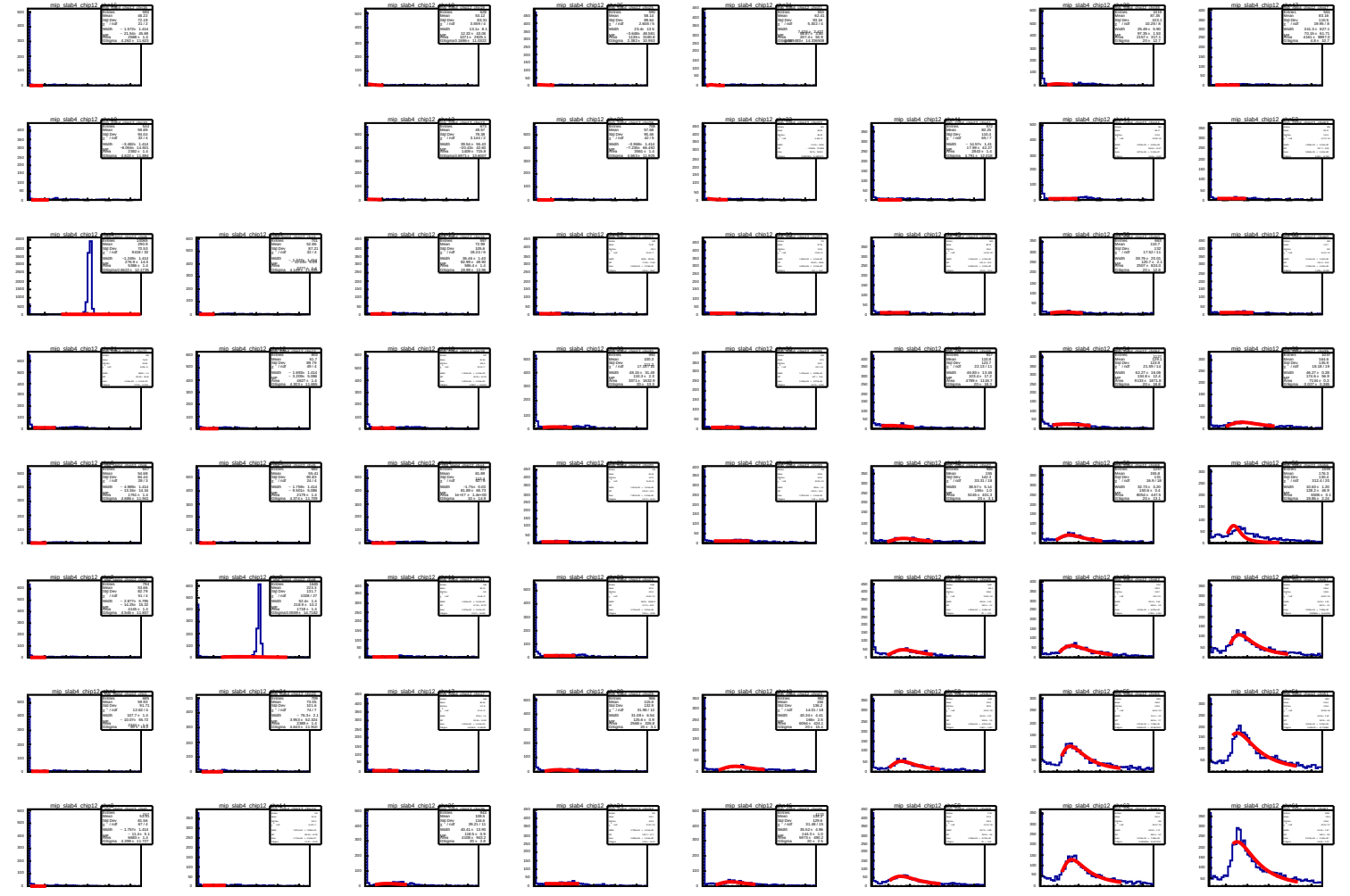
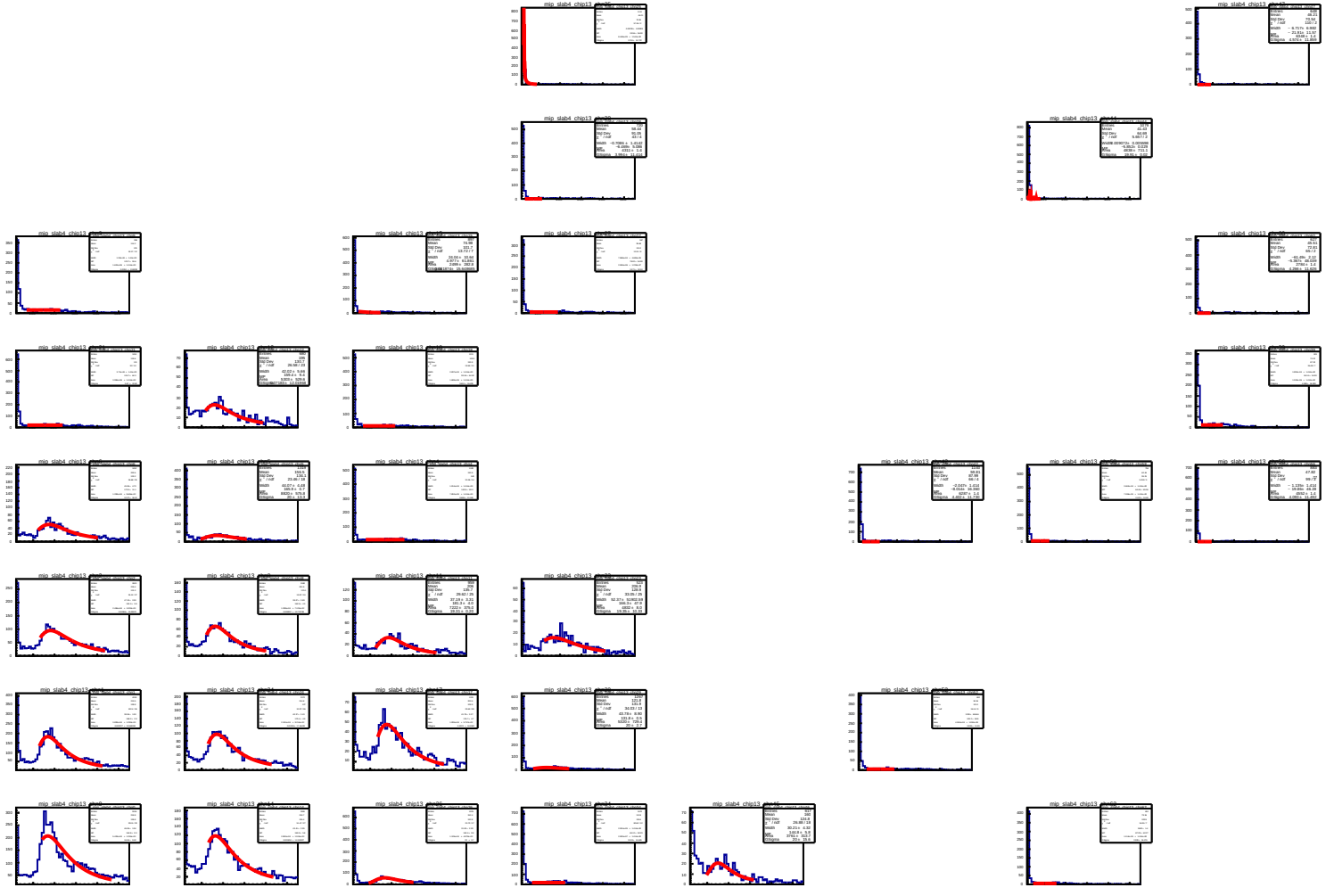
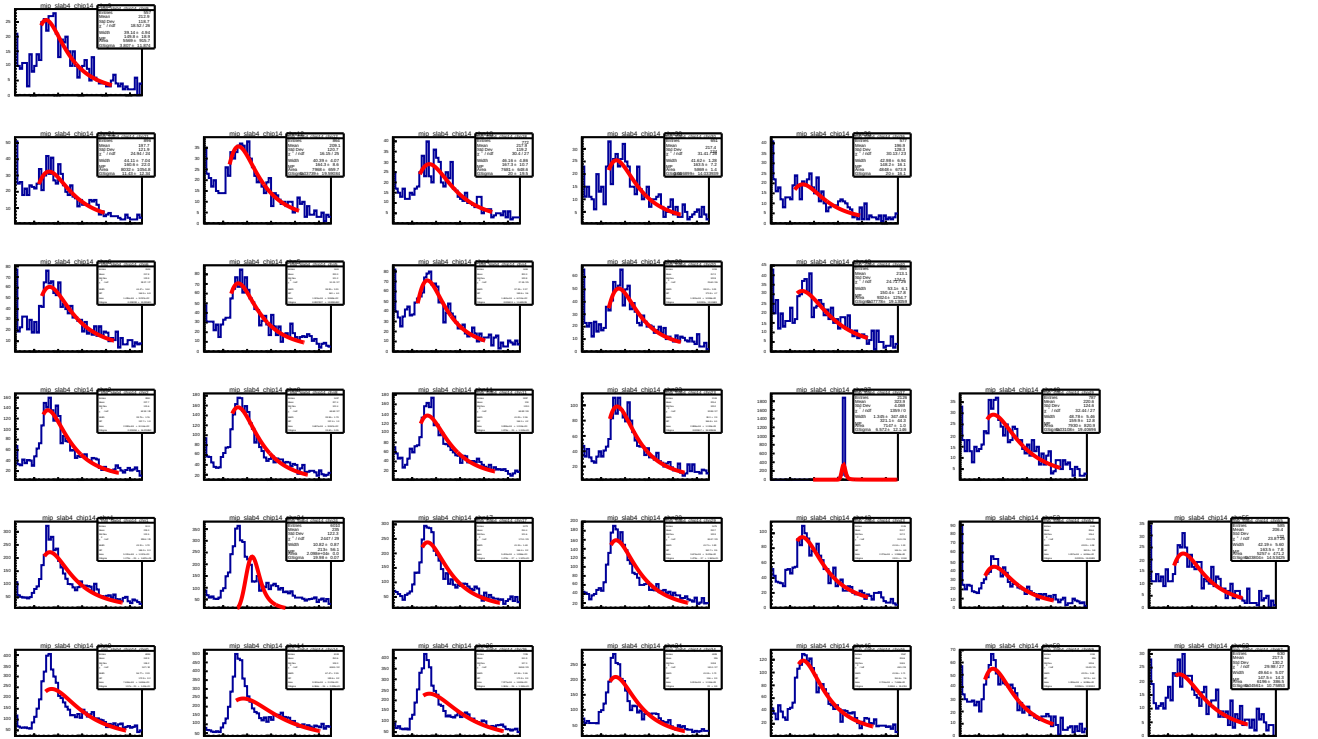
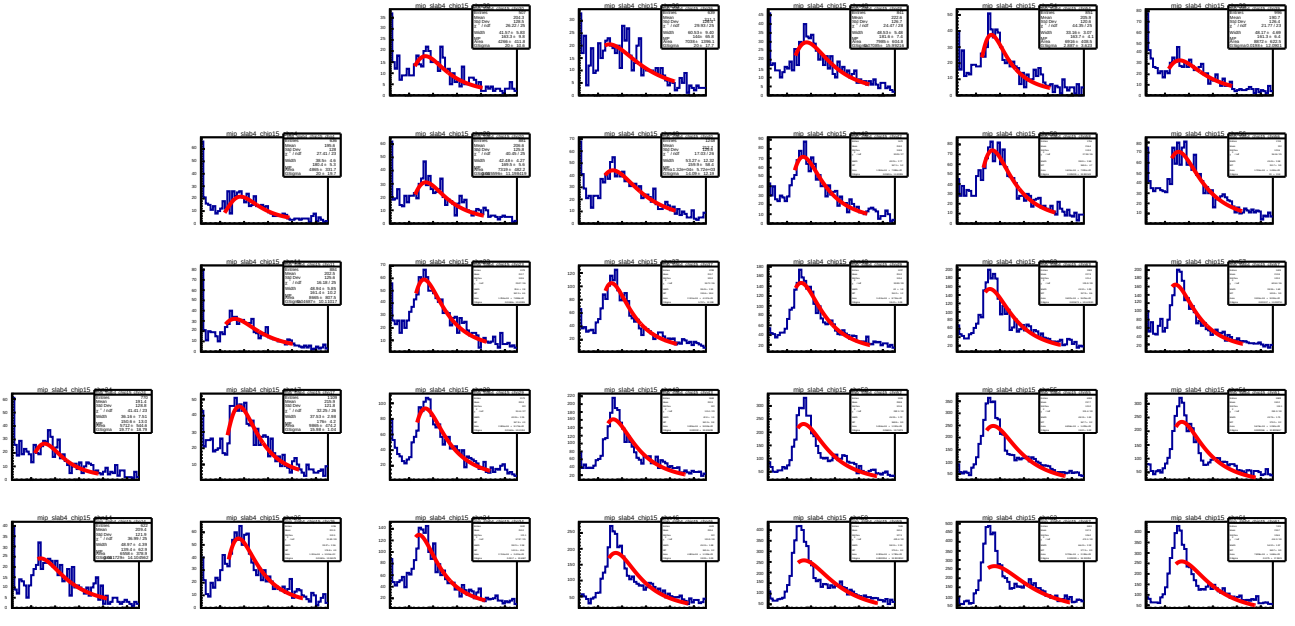

mip_slab4_chip2_stack2
Entries 3251
Mean 32.6
Std Dev 25.8
χ² / ndf 4477 / 13
Prob 0
Constant ± 0.0184 ± 0.0002
Mean ± 0.0000 ± 0.0
Sigma ± 0.0000 ± 0.0
Integral ± 0.0000 ± 0.0
Mean ± 0.0000 ± 0.0
Sigma ± 0.0000 ± 0.0


mip_slab4_chip2_stack3
Entries 2918
Mean 29.8
Std Dev 23.6
χ² / ndf 2110 / 14
Prob 0
Constant ± 0.0 ± 0.0
Mean ± 0.0 ± 0.0
Sigma ± 0.0 ± 0.0
Integral ± 0.0 ± 0.0
Mean ± 0.0 ± 0.0
Sigma ± 0.0 ± 0.0


mip_slab4_chip2_stack4
Entries 2919
Mean 25.9
Std Dev 23.4
χ² / ndf 0
Prob 0
Constant ± 0.0215 ± 0.0172
Mean ± 0.0111 ± 0.0
Sigma ± 0.0000 ± 0.0
Integral ± 0.0000 ± 0.0
Mean ± 0.0000 ± 0.0
Sigma ± 0.0000 ± 0.0


mip_slab4_chip2_stack5
Entries 2918
Mean 25.9
Std Dev 23.4
χ² / ndf 0
Prob 0
Constant ± 0.0215 ± 0.0172
Mean ± 0.0111 ± 0.0
Sigma ± 0.0000 ± 0.0
Integral ± 0.0000 ± 0.0
Mean ± 0.0000 ± 0.0
Sigma ± 0.0000 ± 0.0


mip slab4 chip10
Entries 2613
Mean 57.18
Std Dev 798.37 ± 7.14
Underflow 0 Overflow 62 Total 2613
Mean x 2944 ± 3.5
Sigma x 1.05 ± 0.17
Chi2/ndf 2.0 / 1
0
50
100
150
200
250
300
350
400
450
500


mip slab4 chip10
Entries 1
Mean 49.18
Std Dev 39.51
Underflow 0 Overflow 0 Total 2613
Mean x 51.34 ± 0.97
Sigma x 13.11 ± 0.68
Chi2/ndf 44.61 / 5.7
0
20
40
60
80
100
120
140
160