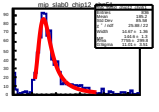
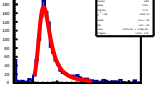
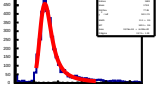
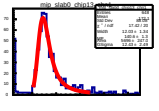
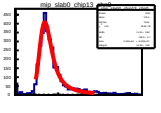
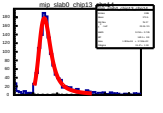

mip_slab0_chip12_chan56
Entries 1000
Mean 190.2
Std Dev 35.56
χ² / ndf 1.08 / 1
Const 12.87 ± 1.16
Mean 150.6 ± 1.5
Sigma 13.64 ± 0.61

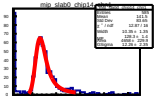

mip_slab0_chip12_chan58

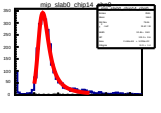

mip_slab0_chip12_chan59

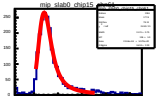

mip_slab0_chip13_chan1
Entries 1194
Mean 13.54
Std Dev 3.158
χ² / ndf 17.49 / 14
Const 1.127 ± 0.04
MPV 5.65 ± 0.3
Width 1.01 ± 0.04
Chi2prob 0.2143 ± 0.2143

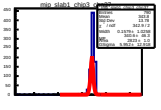

mip_slab0_chip13_chan2

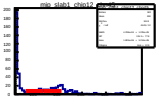

mip_slab0_chip13_chan3

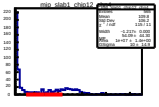

mip_slab0_chip14_chan1
Entries 1000
Mean 11.11
Std Dev 10.69
χ² / ndf 12.85 / 9
Prob 0.1718
MPV 3.00 ± 0.0
Width 1.00 ± 0.00
Integral 12.56 ± 2.56

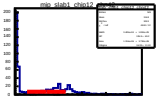

mip_slab0_chip14_chan2
Entries 1000
Mean 7.01
Std Dev 3.01
χ² / ndf 14.47 / 16
Prob 0.5661
MPV 6.00 ± 0.00
Width 1.00000 ± 0.00000
Integral 1.00000 ± 0.00000

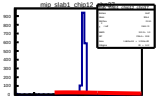

mip_slab0_chip15_pedsub
Entries 1.7e+06
Mean 1.1
RMS 0.4
Underflow 0
Overflow 0
Integral 1.7e+06
Skewness 1.4
Kurtosis 2.1e+04
Mean x 1.1
RMS x 0.4
Underflow x 0
Overflow x 0
Integral x 1.7e+06
Skewness x 1.4
Kurtosis x 2.1e+04
250
200
150
100
50
0

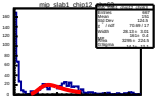

mip_slab1_chip3_c_mip
Entries 1000
Mean 0.1
Std Dev 0.1
Integral 3418.17
Mean 0.1575± 0.1258
Sigma 1.0203± 10.0
Mean 0.0031± 0.0
Sigma 0.0021± 0.010
450
400
350
300
250
200
150
100
50
0

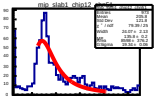

mip slab1 chip12 chan52
Entries 1
Mean 0.0
Std Dev 0.0
χ² / ndf 0.00 / 0
Prob 0.000
Constant 1.000 ± 0.000
MPV 14.07 ± 14.07
Sigma 0.0 ± 0.0

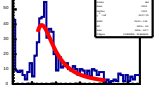

mip slab1 chip12 chan52
Entries 1
Mean 100.0
Std Dev 100.0
χ² / ndf 1.00 / 0
Prob 0.000
Constant 0.000 ± 0.000
MPV 14.07 ± 14.07
Sigma 0.0 ± 0.0

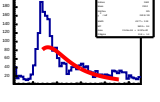

mip slab1 chip12 chan52
Entries 1
Mean 0.0
Std Dev 0.0
χ² / ndf 0.00 / 0
Prob 0.000
Constant 1.000 ± 0.000
MPV 14.07 ± 14.07
Sigma 0.0 ± 0.0

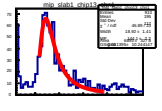

mip slab1 chip12 chan52
Entries 1
Mean 0.0
Std Dev 0.0
χ² / ndf 0.00 / 0
Prob 0.000
Constant 1.000 ± 0.000
MPV 14.07 ± 14.07
Sigma 0.0 ± 0.0

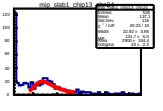

mip slab1 chip12 chan52
Entries 1
Mean 100.0
Std Dev 100.0
χ² / ndf 79.00 / 17
Prob 0.000
Constant 29.11 ± 3.11
MPV 50.0 ± 0.0
Sigma 9.994 ± 2.014

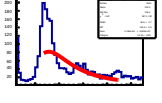

mip slab1 chip12 chan52
Entries 1
Mean 100.0
Std Dev 121.8
χ² / ndf 1.21 / 1
Prob 0.271
Constant 31.27 ± 2.15
MPV 130.6 ± 0.2
Sigma 29.84 ± 0.19

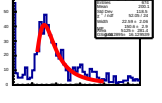

mip slab1 chip12 chan52
Entries 1
Mean 100.0
Std Dev 121.8
χ² / ndf 1.21 / 1
Prob 0.271
Constant 31.27 ± 2.15
MPV 130.6 ± 0.2
Sigma 29.84 ± 0.19

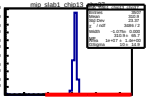

mip slab1 chip12 chan52
Entries 1
Mean 100.0
Std Dev 121.8
χ² / ndf 1.21 / 1
Prob 0.271
Constant 31.27 ± 2.15
MPV 130.6 ± 0.2
Sigma 29.84 ± 0.19

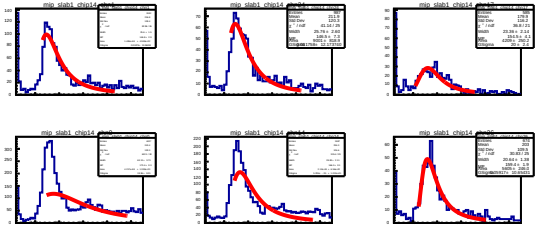

mip slab1 chip13 chnl1
Entries 1000
Mean 19.01
Std Dev 7.18
χ² / ndf 46.00 / 44
Prob 0.3
Width 19.90 ± 3.41
MPV 18.7 ± 1.8
Integral 20.24 ± 0.12

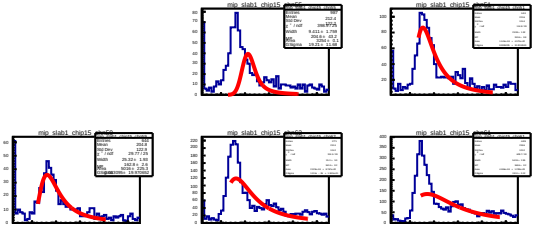

mip slab1 chip13 chnl2
Entries 1000
Mean 132.4
Std Dev 7.14
χ² / ndf 30.93 / 44
Prob 0.9
Width 22.62 ± 3.65
MPV 132.7 ± 0.5
Integral 29.01 ± 0.12

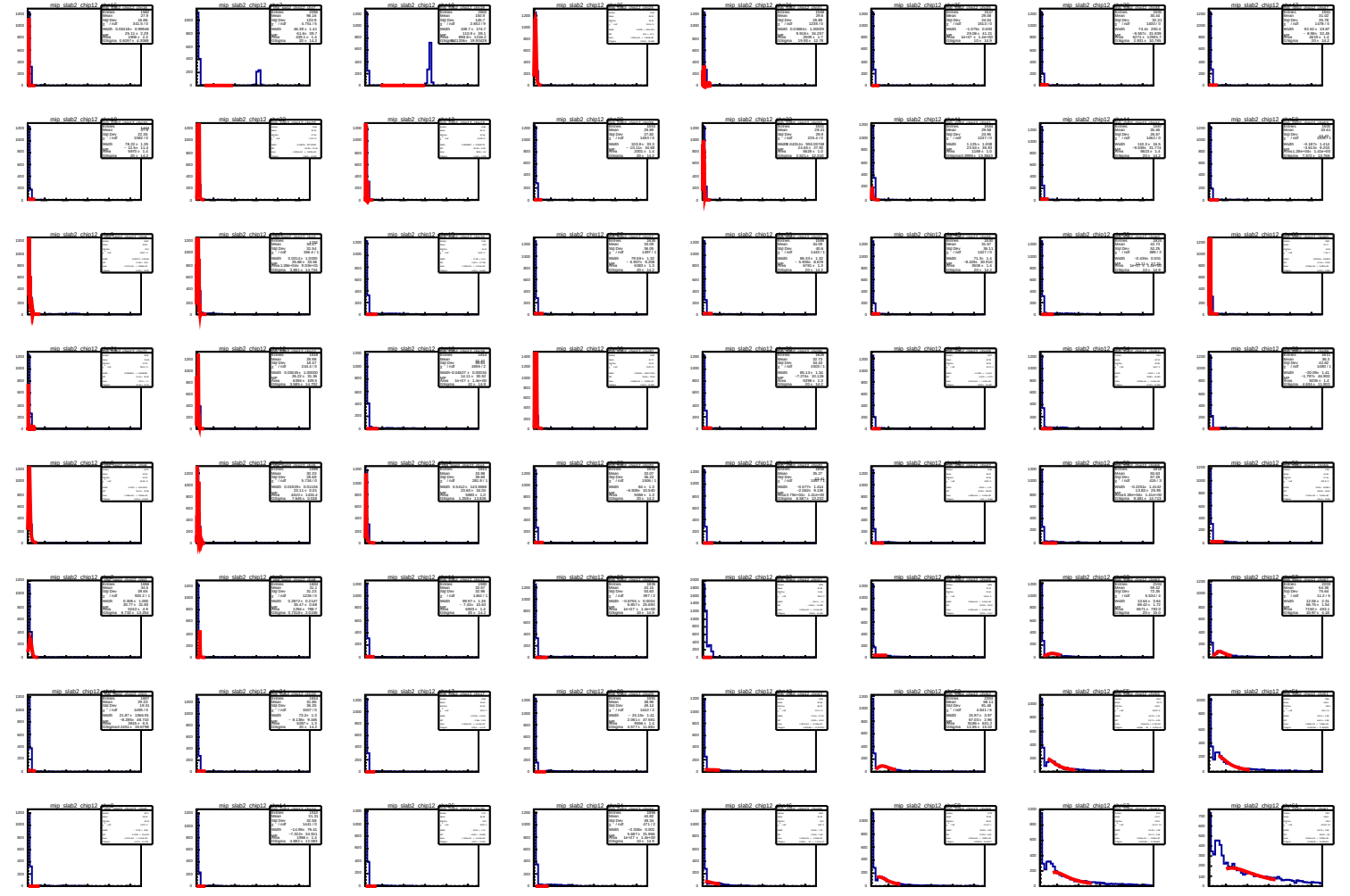

mip slab1 chip13 chnl3
Entries 1000
Mean 19.1
Std Dev 7.18
χ² / ndf 52.09 / 44
Prob 0.2
Width 22.69 ± 2.24
MPV 19.1 ± 0.6
Integral 5.00 ± 0.01

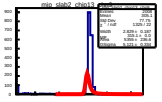

mip slab1 chip13 chnl4
Entries 1000
Mean 19.1
Std Dev 7.18
χ² / ndf 52.09 / 44
Prob 0.2
Width 22.69 ± 2.24
MPV 19.1 ± 0.6
Integral 5.00 ± 0.01

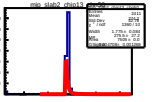

mip slab1 chip13 chnl5
Entries 1000
Mean 19.1
Std Dev 7.18
χ² / ndf 3489.17 / 44
Prob 0
Width 0.279 ± 0.002
MPV 18.9 ± 0.7
Integral 54.7 ± 0.2

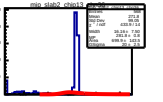

mip slab1 chip14 chan1
mip slab1 chip14 chan2
mip slab1 chip14 chan3
mip slab1 chip14 chan4
mip slab1 chip14 chan5
mip slab1 chip14 chan6

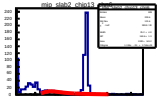

mip slab1 chip15 chan55
mip slab1 chip15 chan56
mip slab1 chip15 chan57
mip slab1 chip15 chan58
mip slab1 chip15 chan59
mip slab1 chip15 chan60

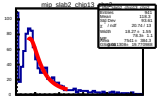


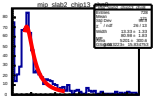

mip slab2 chip13

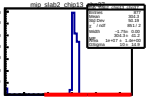

mip slab2 chip13

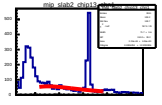

mip slab2 chip13

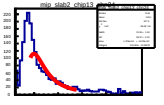

mip slab2 chip13

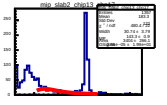

mip slab2 chip13

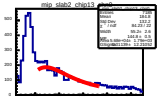

mip slab2 chip13


mip slab2 chip13


mip slab2 chip13


mip slab2 chip13


mip slab2 chip13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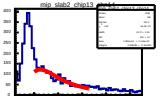
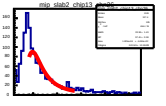
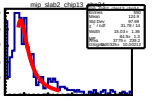
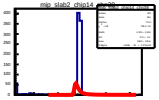
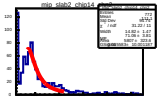
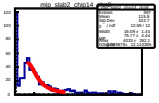

mip slab2 chip13

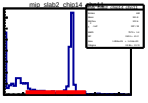

mip slab2 chip13

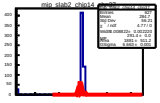

mip slab2 chip13

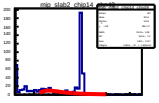

mip_slab2_chip14_strip32

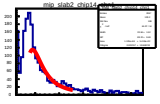

mip_slab2_chip14_strip1

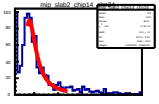

mip_slab2_chip14_strip2

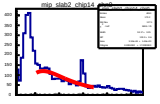

mip_slab2_chip14_strip3

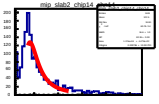

mip_slab2_chip14_strip7

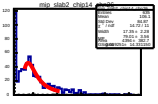

mip_slab2_chip14_strip8

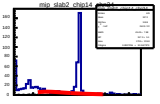

mip_slab2_chip14_strip4

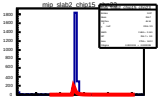

mip_slab2_chip14_strip5

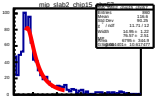

mip_slab2_chip14_strip6

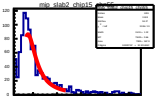

mip_slab2_chip14_strip9

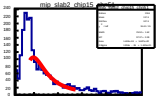

mip_slab2_chip14_strip10

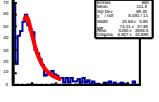

mip_slab2_chip14_strip11

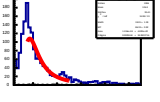

mip_slab2_chip15_chan25
Entries 1.e+7
Mean 1.e+7
RMS 0.0
Underflow 0.0
Overflow 0.0
Integral 1.e+7
Underflow / Integral 0.0
Overflow / Integral 0.0

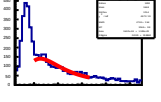

mip_slab2_chip15_chan25
Entries 1.e+7
Mean 1.e+7
RMS 0.0
Underflow 0.0
Overflow 0.0
Integral 1.e+7
Underflow / Integral 0.0
Overflow / Integral 0.0
χ² / ndf 13.71 / 12
Width 10.89 ± 1.22
Sigma 0.972 ± 0.114
MPV 19.02 ± 0.0
Area 12.0 ± 0.0

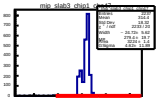

mip_slab2_chip15_chan25
Entries 1.e+7
Mean 1.e+7
RMS 0.0
Underflow 0.0
Overflow 0.0
Integral 1.e+7
Underflow / Integral 0.0
Overflow / Integral 0.0

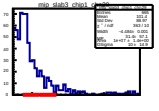

mip_slab2_chip15_chan25
Entries 1.e+7
Mean 1.e+7
RMS 0.0
Underflow 0.0
Overflow 0.0
Integral 1.e+7
Underflow / Integral 0.0
Overflow / Integral 0.0

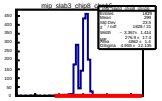

mip_slab2_chip15_chan25
Entries 1.e+7
Mean 1.e+7
RMS 0.0
Underflow 0.0
Overflow 0.0
Integral 1.e+7
Underflow / Integral 0.0
Overflow / Integral 0.0
χ² / ndf 8.283 / 11
Width 15.89 ± 9.95
Sigma 0.972 ± 0.114
MPV 5.021 ± 0.0
Area 6.877 ± 0.0

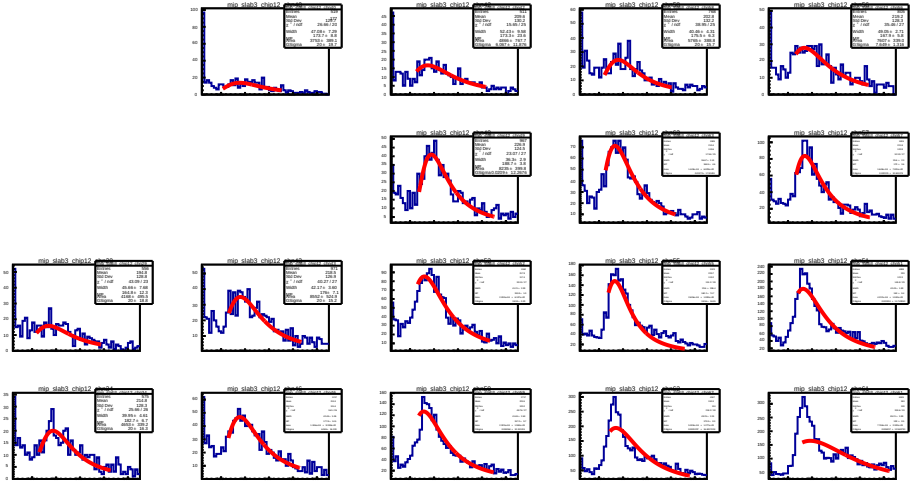

mip_slab2_chip15_chan25
Entries 1.e+7
Mean 1.e+7
RMS 0.0
Underflow 0.0
Overflow 0.0
Integral 1.e+7
Underflow / Integral 0.0
Overflow / Integral 0.0


mip_slab2_chip15_chan25
Entries 1.e+7
Mean 1.e+7
RMS 0.0
Underflow 0.0
Overflow 0.0
Integral 1.e+7
Underflow / Integral 0.0
Overflow / Integral 0.0


mip_slab3_chip1_chan20
Entries 1024
Mean 19.12
Std Dev 18.15
χ² / ndf 2183 / 19
Width 0.75 ± 0.42
Area 2750 ± 1.4e+3
Sigma 0.636 ± 0.0
800
700
600
500
400
300
200
100
0


mip_slab3_chip1_chan20
Entries 1024
Mean 38.57
Std Dev 38.97
χ² / ndf 1.e+07 / 0
Width -0.000 ± 0.000
Area 21.00 ± 0.0
Sigma 34.437 ± 1.e+15
Integral 21.0
70
60
50
40
30
20
10
0


msp_slab3_chip8_chan5
Statistics on memory
Entries 1024
Mean 150
RMS 23.6
Underflow 0
Overflow 0
Integral 15281.0
Skewness - 3.3674 ± 1.414
Kurtosis 9.4000 ± 2.828
Mean x - 2662.7 ± 1.4
Mean y 1.0000 ± 0.000
Rms x 23.235
450
400
350
300
250
200
150
100
50
0


mip_slab3_chip12
mip_slab3_chip12
mip_slab3_chip12
mip_slab3_chip12
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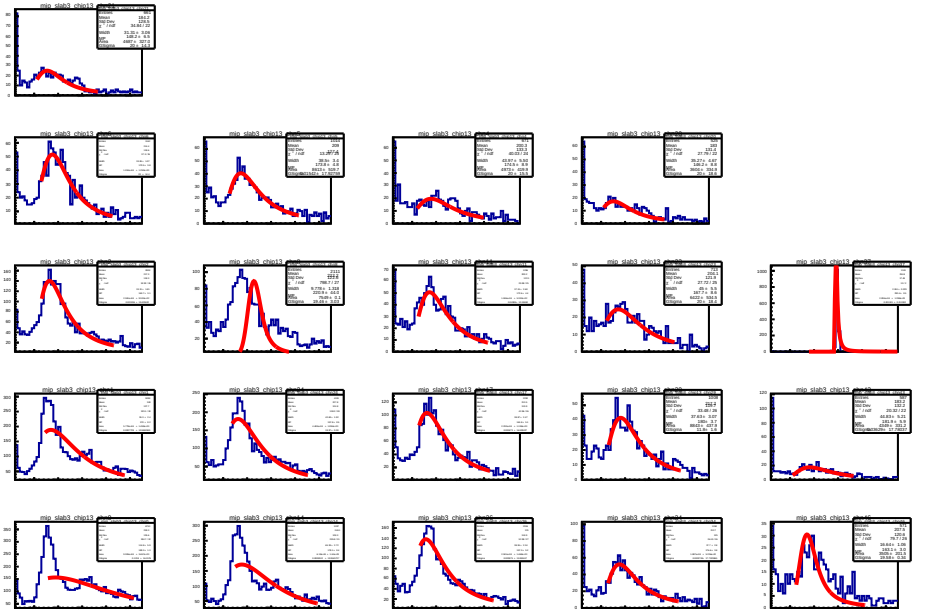
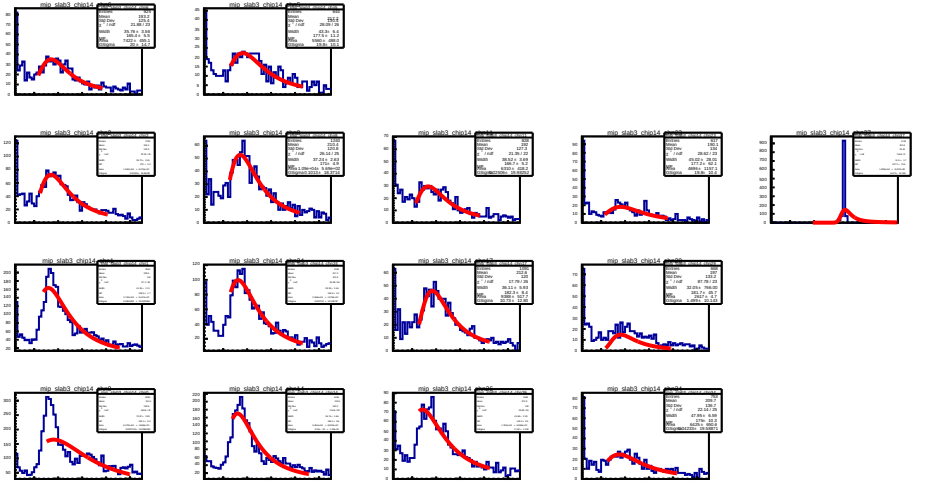
mip_slab3_chip12




mip slab3 chip14
mip slab3 chip14
mip slab3 chip14
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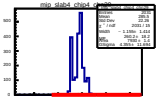
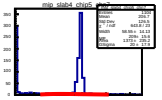
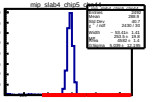
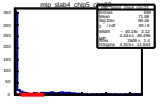
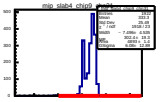
mip slab3 chip14

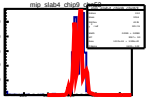

mip slab4 chip4 ch20
Entries 2000
Mean 292.4
Std Dev 22.16
χ / ndf 0 / 0
p0 1.150e+ 3.410
p1 292.0 ± 10.2
p2 22.16 ± 0.000
Integral = 2000 ± 0.000
500
400
300
200
100
0

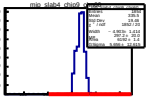

mip slab4 chip5 ch25
Entries 2500
Mean 120.5
Std Dev 120.5
χ² / ndf 910.87 / 71
Width 59.56 ± 14.13
Mean 1.000 ± 0.000
MPV 1.073 ± 0.000
Integral 2500 ± 0.0

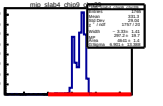

mip slab4 chip5 ch24
Entries 2500
Mean 280.8
Std Dev 24.01
χ² / ndf 2430.30
Width - 50.61± 1.41
Mean 1.000 ± 0.000
MPV 2050 ± 1.0
Integral 5.000e+ 0.0

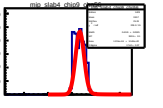

mip slab4 chip5 ch23
Entries 2500
Mean 25.74
Std Dev 89.18
χ² / ndf 0.0
Width - 25.24± 2.11
Mean 0.6614 ± 0.0126
MPV 0.0
Integral 6.000e+ 11.000

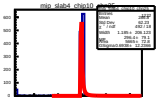
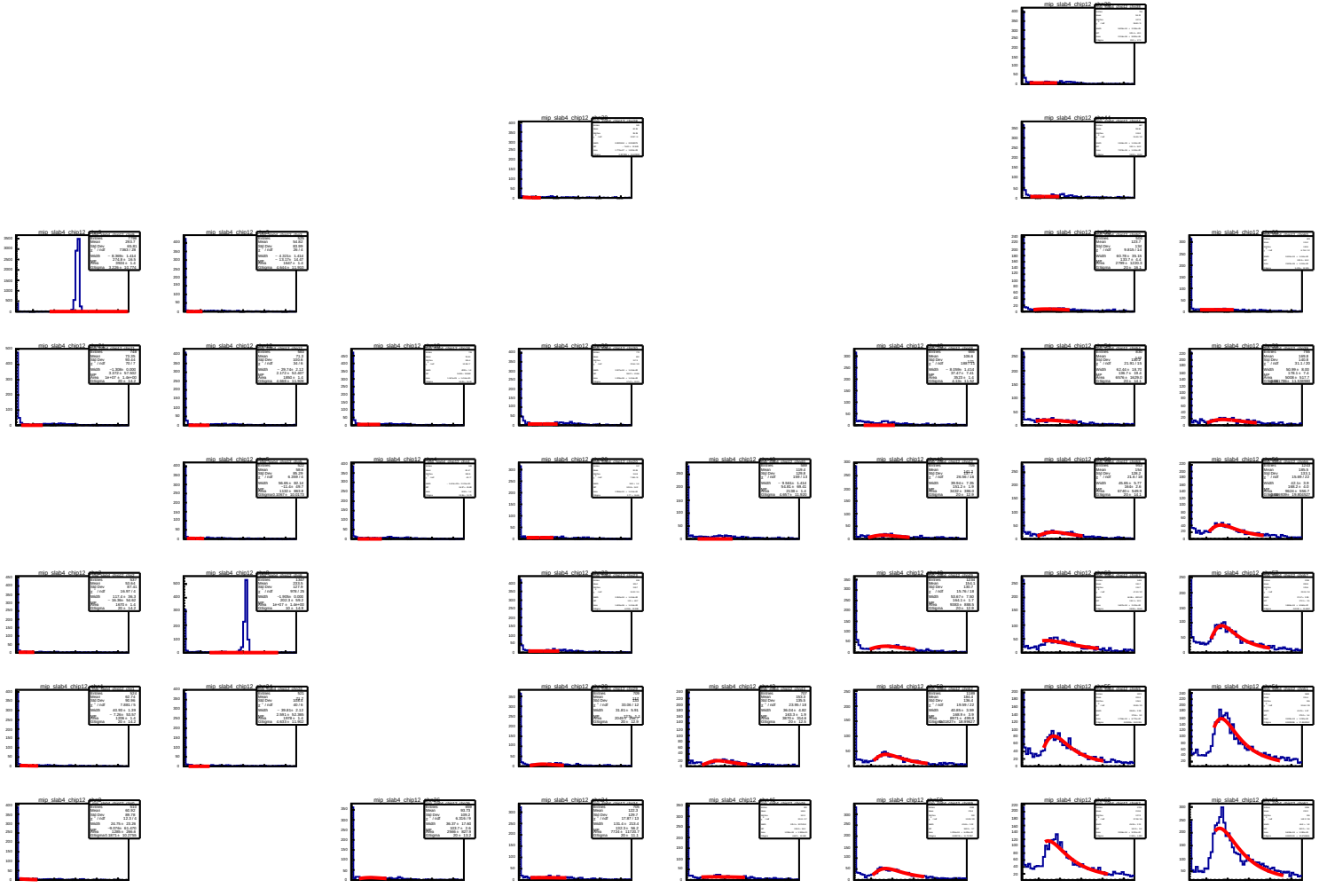
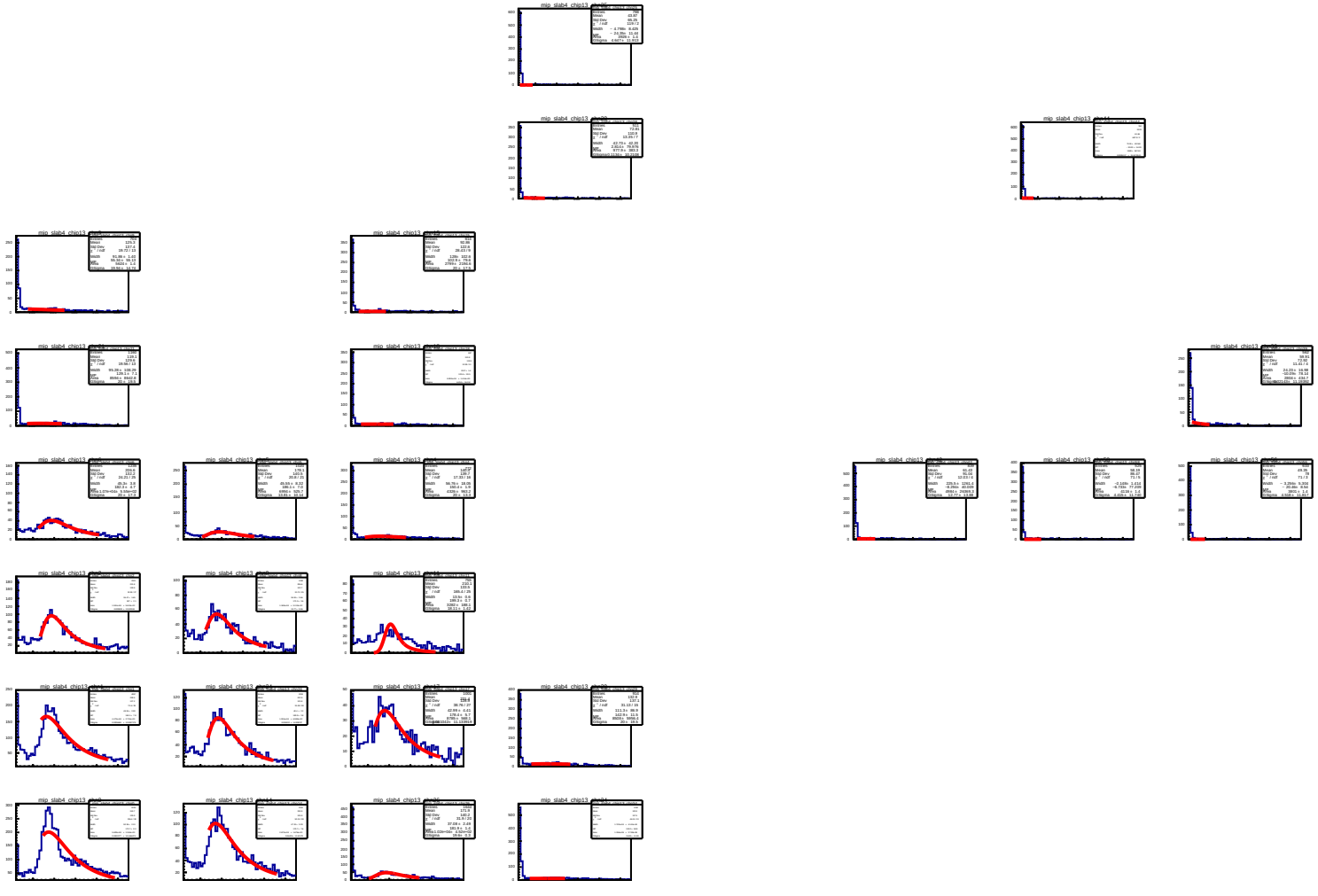
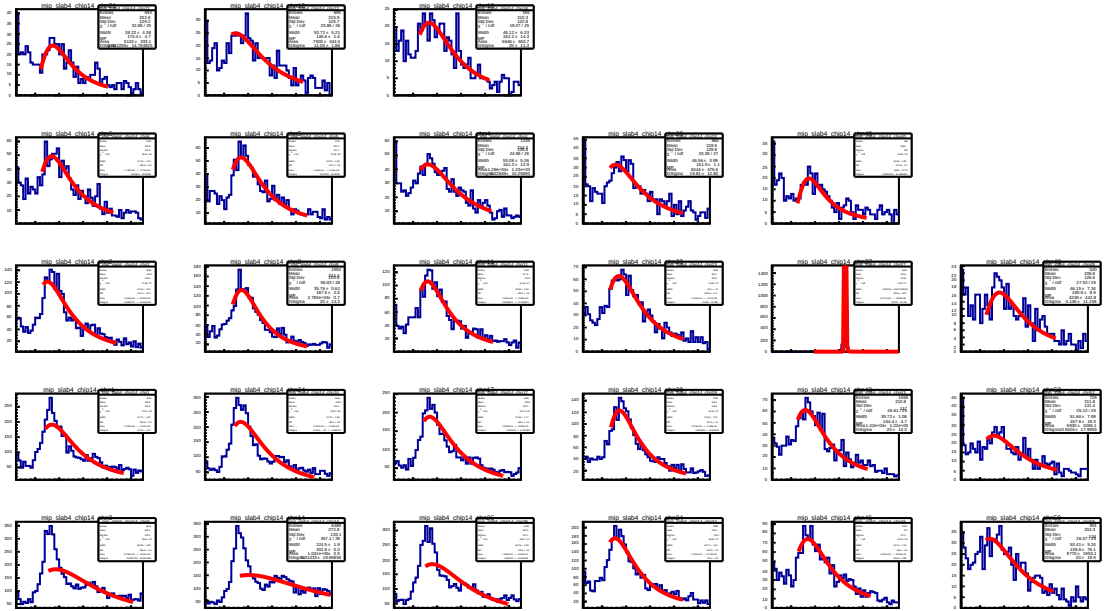
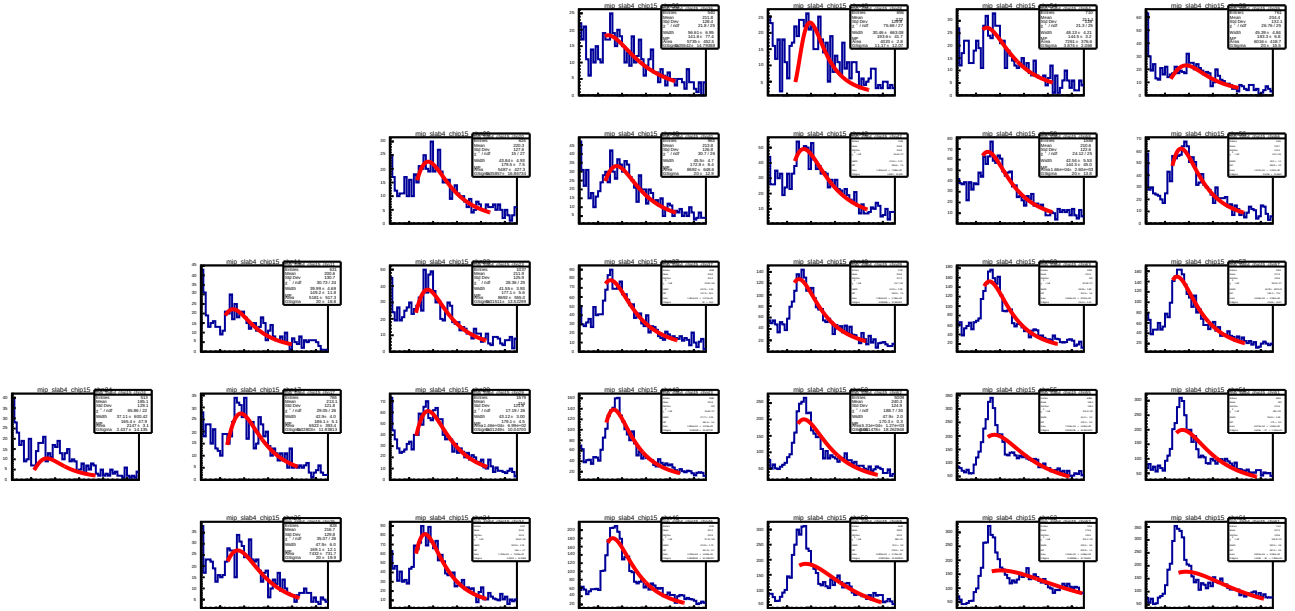

mip_slab4_chip2_chan4
Entries 1024
Mean 3.017
Std Dev 25.49
χ² / ndf 1630 / 23
Prob 0
Constant ± 7.056e+ 0.928
Mean ± -0.4 0.6
Sigma ± 1.0 0.4
Constant ± 0.961 ± 0.04


mip_slab4_chip2_chan5


mip_slab4_chip2_chan6
Entries 1024
Mean 3.016
Std Dev 19.63
χ² / ndf 1023 / 21
Prob 0
Constant ± 4.965e+ 1.414
Mean ± 0.2 0.7
Sigma ± 0.9 0.4
Constant ± 0.894e+ 0.04


mip_slab4_chip2_chan7
Entries 1024
Mean 3.014
Std Dev 29.51
χ² / ndf 1757 / 21
Prob 0
Constant ± 5.271e+ 1.47
Mean ± 0.2 0.7
Sigma ± 0.9 0.4
Constant ± 0.911e+ 0.04


mip_slab4_chip2_chan8


mip_slab4_cshot31_mc_05
Entries 1000
Mean 1857
Std Dev 62.71
χ² / ndf 492.7 / 6
Width 1.135 ± 256.3 ±
Peak 1000 ±
Area 1000 ±
Integral 44.81 ± 44.81
400
350
300
250
200
150
100
50
0