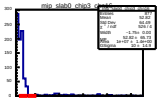
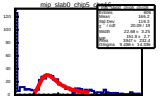
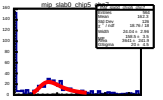
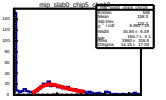
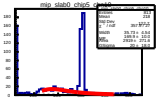
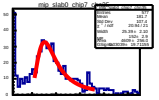

msp_slab0_chip3_ch4/f
Entries 1 Total
Mean 0.0000
Std Dev 0.0000
Underflow 0
Overflow 0
Integral 1.000e+00
Skewness 0.0000
300
250
200
150
100
50
0

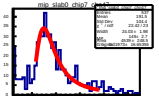

msp slab0 chip5 ch40
Entries 1000
Mean 24.57
Std Dev 13.92
χ² / ndf 20.261 / 19
Width 23.68 ± 0.25
Area 1000 ± 0.0
Mpv 2427 ± 0.0
Sigma 6.088 ± 0.000

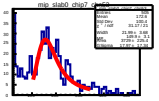

msp slab0 chip5 ch41
Entries 1000
Mean 24.57
Std Dev 7.15
χ² / ndf 18.79 / 19
Width 24.08 ± 2.16
Area 1000 ± 0.0
Mpv 3442 ± 34.5
Sigma 20 ± 0.0

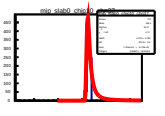

msp slab0 chip5 ch42
Entries 1000
Mean 24.57
Std Dev 7.11
χ² / ndf 6.8[illegible] / 19
Width 36.85 ± 9.49
Area 1000 ± 0.0
Mpv 2980 ± 104.9
Sigma 12.04 ± 0.00

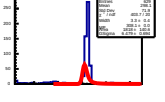

msp slab0 chip5 ch43
Entries 219
Mean 219
Std Dev 219
χ² / ndf 397 / 19
Width 35.73 ± 0.54
Area 1000 ± 0.0
Mpv 2918 ± 271.8
Sigma 20 ± 0.0

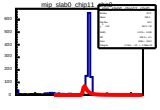

mip_slab0_chip7_chan5
Entries 1457
Mean 157.4
Std Dev 19.82 / 1.71
χ² / ndf 22.22 / 15
Width 26.39 ± 2.16
MPV 157.5 ± 0.8
Area 2481.5 ± 245.5
Sigma 17.54 ± 1.64

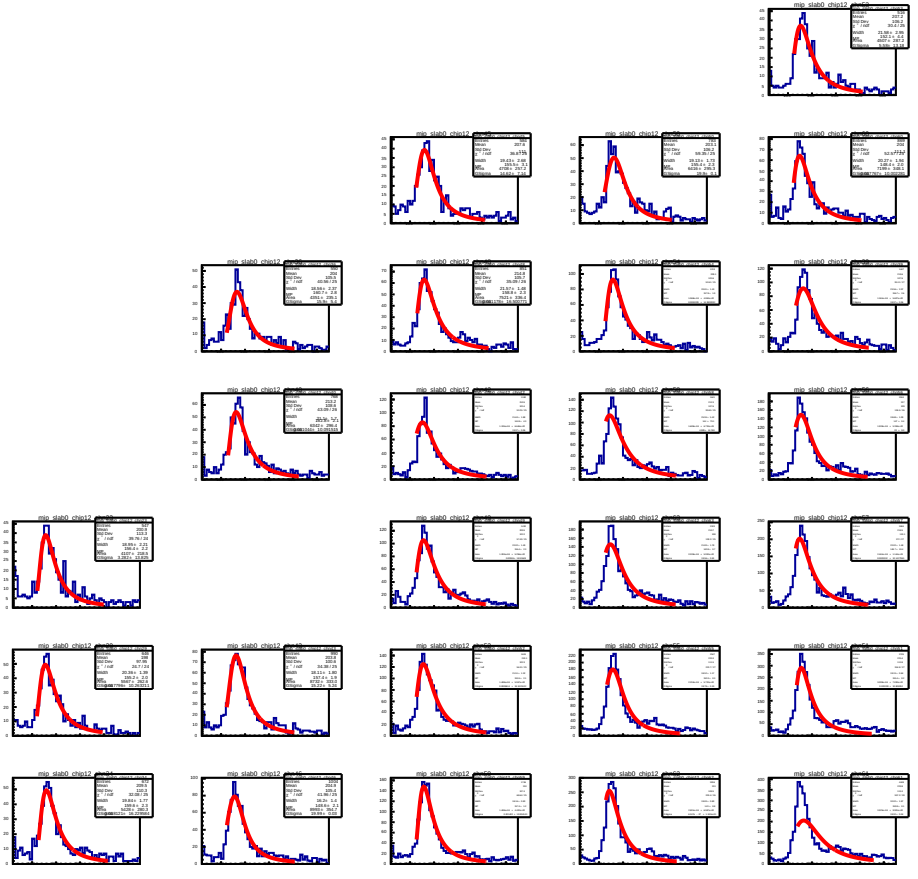

mip_slab0_chip7_chan5
Entries 1453
Mean 153.3
Std Dev 22.22 / 1.71
χ² / ndf 22.22 / 15
Width 26.39 ± 2.16
MPV 157.5 ± 0.8
Area 2481.5 ± 245.5
Sigma 17.54 ± 1.64

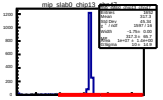

mip_slab0_chip7_chan5
Entries 1453
Mean 172.4
Std Dev 31.17 / 1.71
χ² / ndf 31.17 / 15
Width 21.98 ± 3.88
MPV 157.5 ± 0.8
Area 2481.5 ± 245.5
Sigma 17.54 ± 1.64

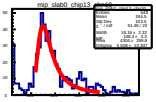

mip_slab0_chip10_pad3
Entries 2000
Mean 0.0
Mean x 0.0
Mean y 0.0
RMS 0.0
RMS x 0.0
RMS y 0.0
Underflow 0
Overflow 0
Integral 2000
Underflow + Integral + Overflow 2000
450
400
350
300
250
200
150
100
50
0

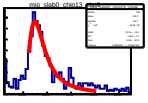

mip_slab0_chip10_pad3
Entries 2000
Mean 255.7
Mean x 255.7
Mean y 0.0
RMS 7.0
RMS x 7.02
RMS y 0.0
Width 3.3 ± 0.4
Mean 255.7 ± 0.1
Sigma 6.976 ± 0.101
Integral 6.976e+ 0 ± 0.000
250
200
150
100
50
0

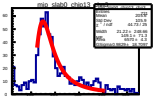

msp slab0 chip11 chan3
600
500
400
300
200
100
0
Entries 1
Mean 1.
RMS 0.
Underflow 0
Overflow 0
Integral 1.
Skewness 0.
Kurtosis 0.
Total Integral 1.

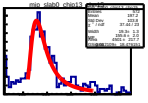

mip slab0 chip12
mip slab0 chip12
mip slab0 chip12

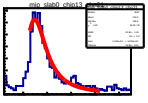

mip slab0 chip13 strip25
Mean 1212
Std Dev 25.16
N / ndf 2087.7 / 59
Width 14.78± 0.52
MPV 1212.1 ± 0.4
Area 2.4e+07 ± 1.4e+05
Sigma 0.4 ± 0.0

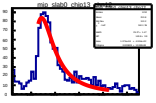

mip slab0 chip13 strip0
Mean 1915
Std Dev 1915.1
N / ndf 51.87 / 23
Width 18.18 ± 0.22
MPV 1915.1 ± 0.1
Area 2.5e+6 ± 3e+5
Sigma 5.1e+6 ± 1.1e+6

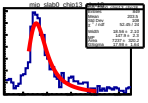

mip slab0 chip13 strip1
Mean 1967
Std Dev 1967.4
N / ndf 32.57 / 15
Width 21.22 ± 2.60e+6
MPV 1967.4 ± 7.1
Area 1.2e+6 ± 1.1e+6
Sigma 5.1e+6 ± 1.1e+6

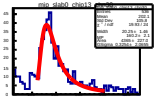

mip slab0 chip13 strip2
Mean 2016
Std Dev 197.2
N / ndf 37.47 / 18
Width 19.70 ± 1.3
MPV 1969.6 ± 7.3
Area 1.2e+6 ± 1.1e+6
Sigma 5.1e+6 ± 1.1e+6

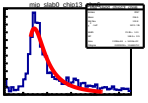

mip slab0 chip13 strip3
Mean 2016
Std Dev 197.2
N / ndf 37.47 / 18
Width 19.70 ± 1.3
MPV 1969.6 ± 7.3
Area 1.2e+6 ± 1.1e+6
Sigma 5.1e+6 ± 1.1e+6

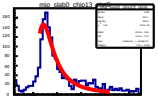

mip slab0 chip13 strip4
Mean 2016
Std Dev 197.2
N / ndf 37.47 / 18
Width 19.70 ± 1.3
MPV 1969.6 ± 7.3
Area 1.2e+6 ± 1.1e+6
Sigma 5.1e+6 ± 1.1e+6

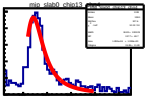

mip slab0 chip13 strip5
Mean 2016
Std Dev 197.2
N / ndf 37.47 / 18
Width 19.70 ± 1.3
MPV 1969.6 ± 7.3
Area 1.2e+6 ± 1.1e+6
Sigma 5.1e+6 ± 1.1e+6

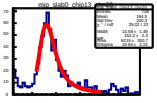

mip slab0 chip13 strip6
Mean 2016
Std Dev 197.2
N / ndf 52.47 / 18
Width 19.70 ± 1.3
MPV 1969.6 ± 7.3
Area 1.2e+6 ± 1.1e+6
Sigma 5.1e+6 ± 1.1e+6

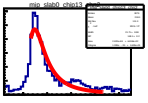

mip slab0 chip13 strip7
Mean 2016
Std Dev 197.2
N / ndf 29.67 / 18
Width 20.16 ± 1.45
MPV 1969.6 ± 7.3
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

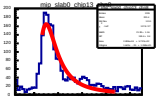

mip slab0 chip13 strip8
Mean 2016
Std Dev 197.2
N / ndf 29.67 / 18
Width 20.16 ± 1.45
MPV 1969.6 ± 7.3
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

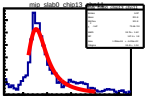

mip slab0 chip13 strip9
Mean 2016
Std Dev 197.2
N / ndf 29.67 / 18
Width 20.16 ± 1.45
MPV 1969.6 ± 7.3
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

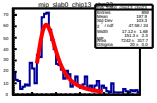

mip slab0 chip13 strip10
Mean 2016
Std Dev 197.2
N / ndf 29.67 / 18
Width 20.16 ± 1.45
MPV 1969.6 ± 7.3
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

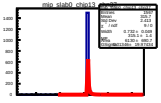

mip slab0 chip13 strip11
Mean 2016
Std Dev 197.2
N / ndf 29.67 / 18
Width 20.16 ± 1.45
MPV 1969.6 ± 7.3
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

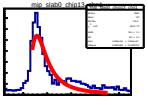

mip slab0 chip13 strip12
Mean 2016
Std Dev 197.2
N / ndf 29.67 / 18
Width 20.16 ± 1.45
MPV 1969.6 ± 7.3
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

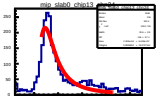

mip slab0 chip13 strip13
Mean 2016
Std Dev 197.2
N / ndf 29.67 / 18
Width 20.16 ± 1.45
MPV 1969.6 ± 7.3
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

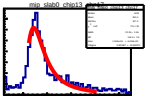

mip slab0 chip13 strip14
Mean 2016
Std Dev 197.2
N / ndf 29.67 / 18
Width 20.16 ± 1.45
MPV 1969.6 ± 7.3
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

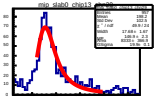

mip slab0 chip13 strip15
Mean 2016
Std Dev 197.2
N / ndf 29.67 / 18
Width 20.16 ± 1.45
MPV 1969.6 ± 7.3
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

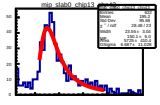

mip slab0 chip13 strip16
Mean 1212
Std Dev 25.16
N / ndf 2087.7 / 59
Width 14.78± 0.52
MPV 1212.1 ± 0.4
Area 2.4e+07 ± 1.4e+05
Sigma 0.4 ± 0.0

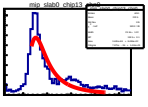

mip slab0 chip13 strip17
Mean 2016
Std Dev 197.2
N / ndf 29.67 / 18
Width 20.16 ± 1.45
MPV 1969.6 ± 7.3
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

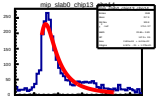

mip slab0 chip13 strip18
Mean 2016
Std Dev 197.2
N / ndf 29.67 / 18
Width 20.16 ± 1.45
MPV 1969.6 ± 7.3
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

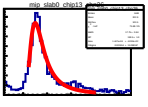

mip slab0 chip13 strip19
Mean 2016
Std Dev 197.2
N / ndf 29.67 / 18
Width 20.16 ± 1.45
MPV 1969.6 ± 7.3
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

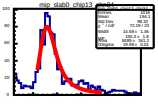

mip slab0 chip13 strip20
Mean 1967.2
Std Dev 197.2
N / ndf 29.67 / 18
Width 20.16 ± 1.45
MPV 1969.6 ± 7.3
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

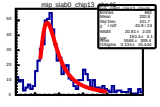

mip slab0 chip13 strip21
Mean 2016
Std Dev 98.68
N / ndf 29.67 / 18
Width 20.16 ± 0.52
MPV 1969.6 ± 6.0
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

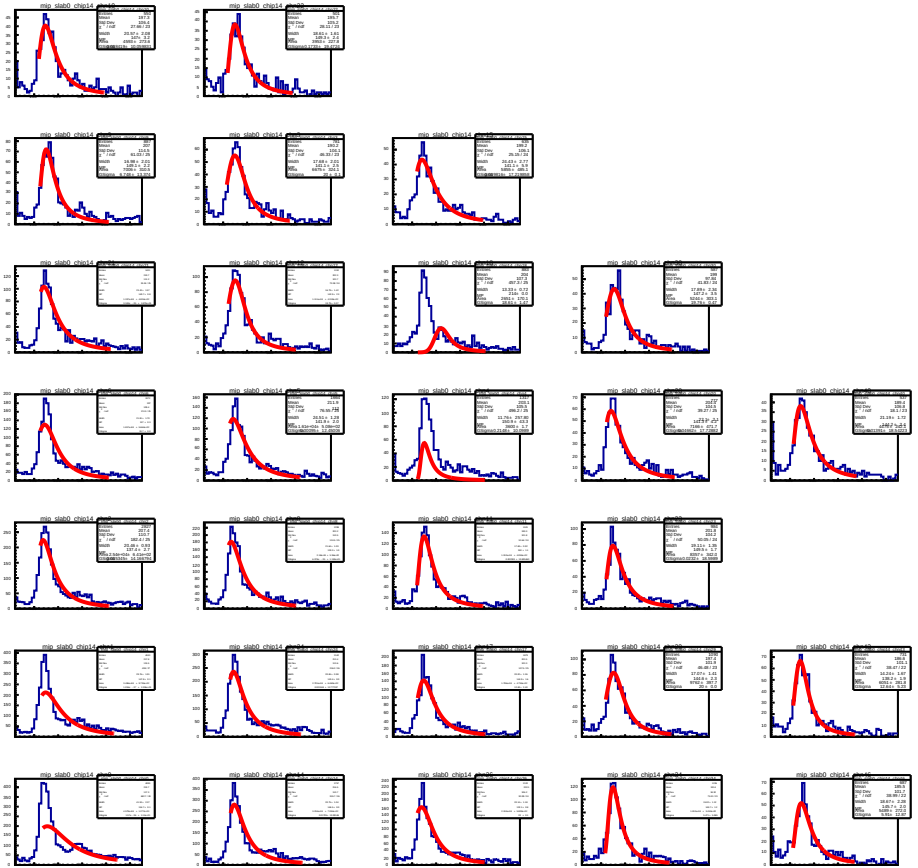

mip slab0 chip13 strip22
Mean 2016
Std Dev 197.2
N / ndf 29.67 / 18
Width 20.16 ± 1.45
MPV 1969.6 ± 7.3
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

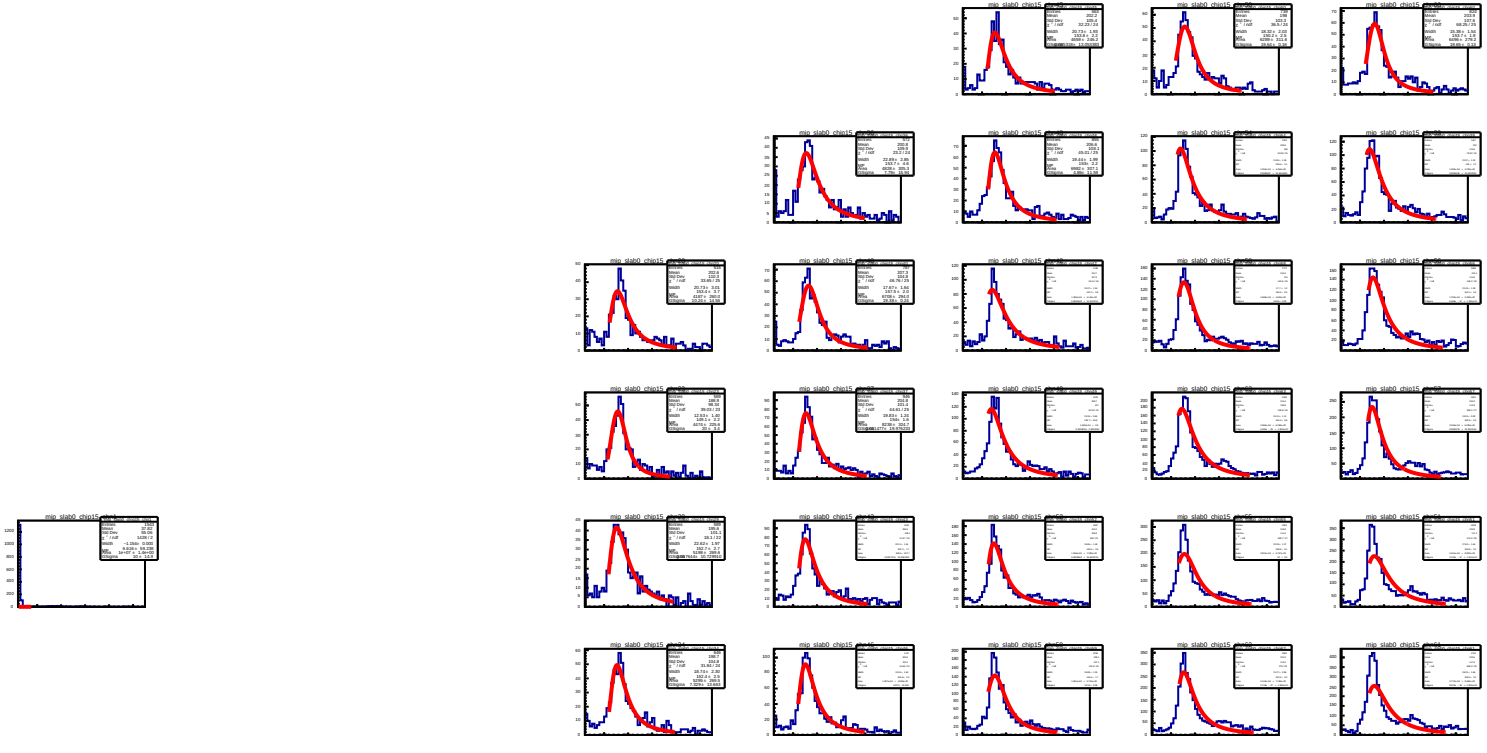

mip slab0 chip13 strip23
Mean 2016
Std Dev 197.2
N / ndf 29.67 / 18
Width 20.16 ± 1.45
MPV 1969.6 ± 7.3
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

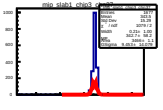

mip slab0 chip13 strip24
Mean 2016
Std Dev 197.2
N / ndf 29.67 / 18
Width 20.16 ± 1.45
MPV 1969.6 ± 7.3
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

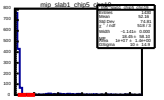

mip slab0 chip13 strip25
Mean 2016
Std Dev 197.2
N / ndf 29.67 / 18
Width 20.16 ± 1.45
MPV 1969.6 ± 7.3
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

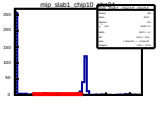

mip slab0 chip13 strip26
Mean 2016
Std Dev 98.68
N / ndf 29.67 / 18
Width 20.16 ± 0.52
MPV 1969.6 ± 6.0
Area 4966 ± 2014
Sigma 5.1e+6 ± 1.1e+6

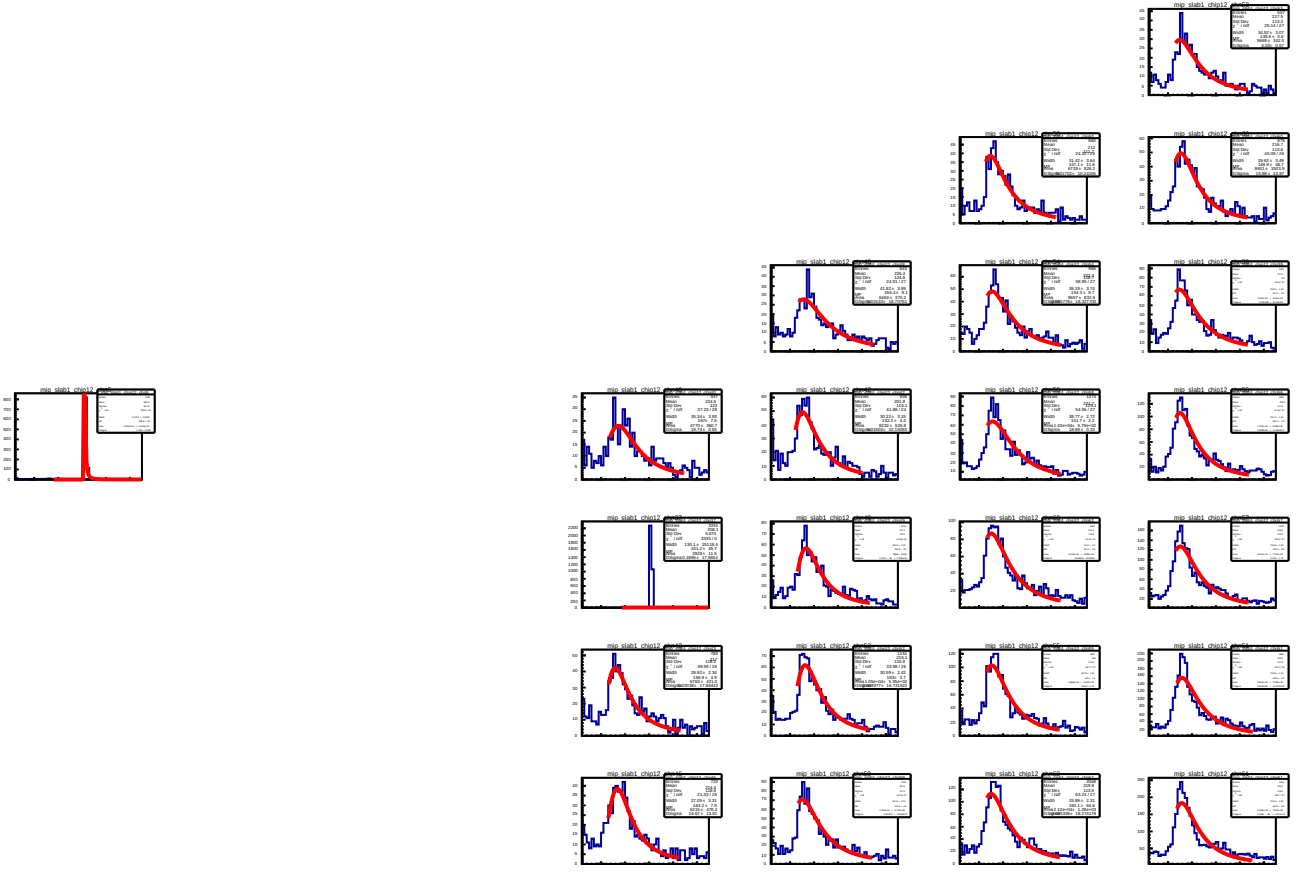


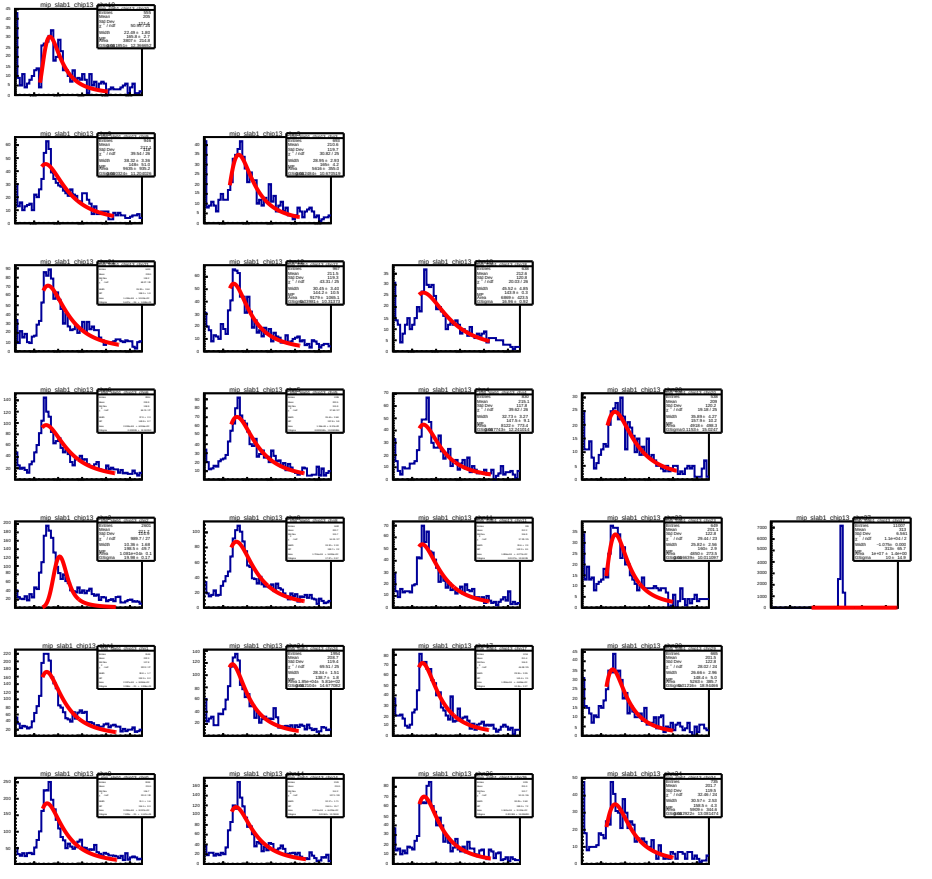

mip slab0 chip15
Mean
Std Dev
χ² / ndf
Width
MPV
Integral

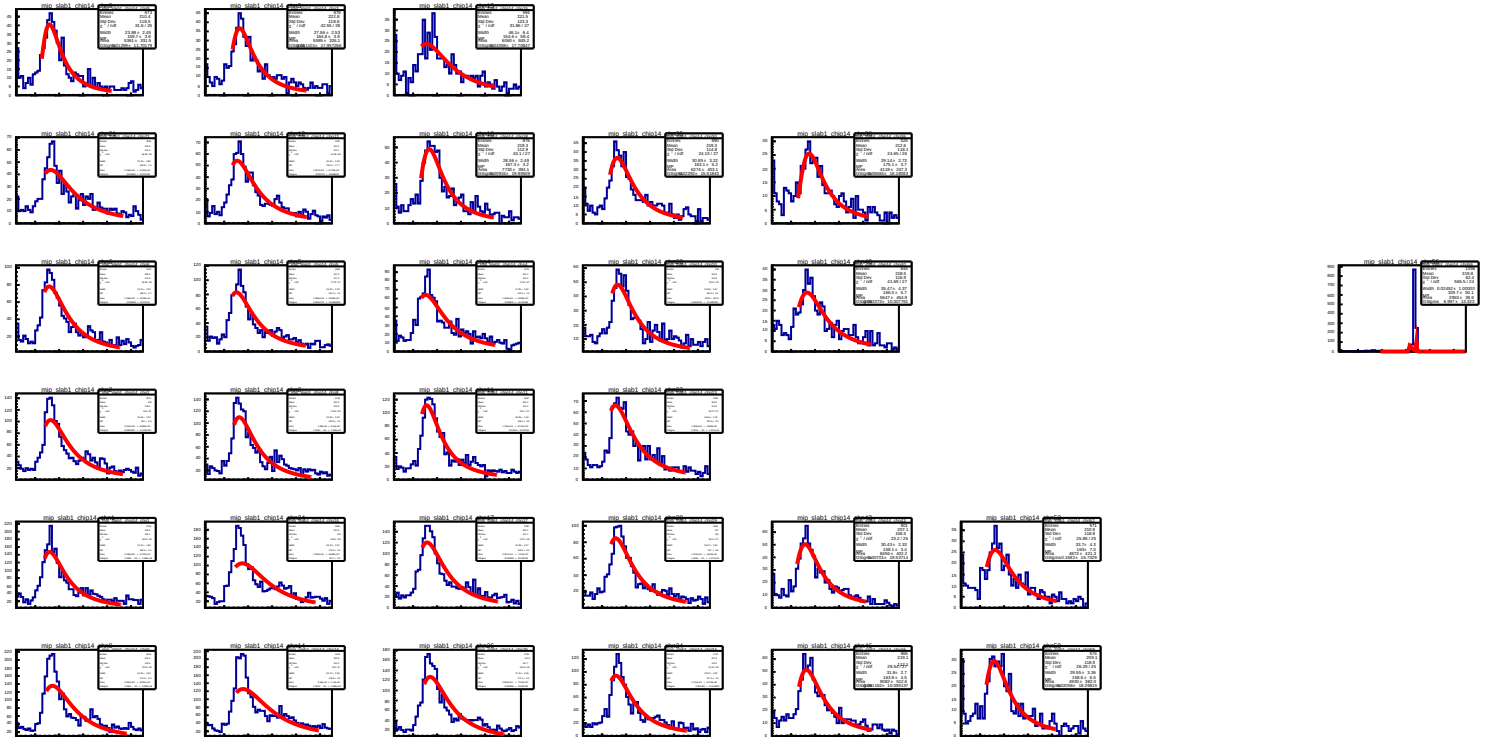

mip_slab1_chip3_chan3
Entries 1314
Mean 313.9
Std Dev 209.19
χ² / ndf 2129.29
Prob 0
Const 1.21e+ 1.02
Mean 302.7± 54.2
Sigma 8.05± 11.78
Integral 9.91e+ 11.17e+
1000
800
600
400
200
0

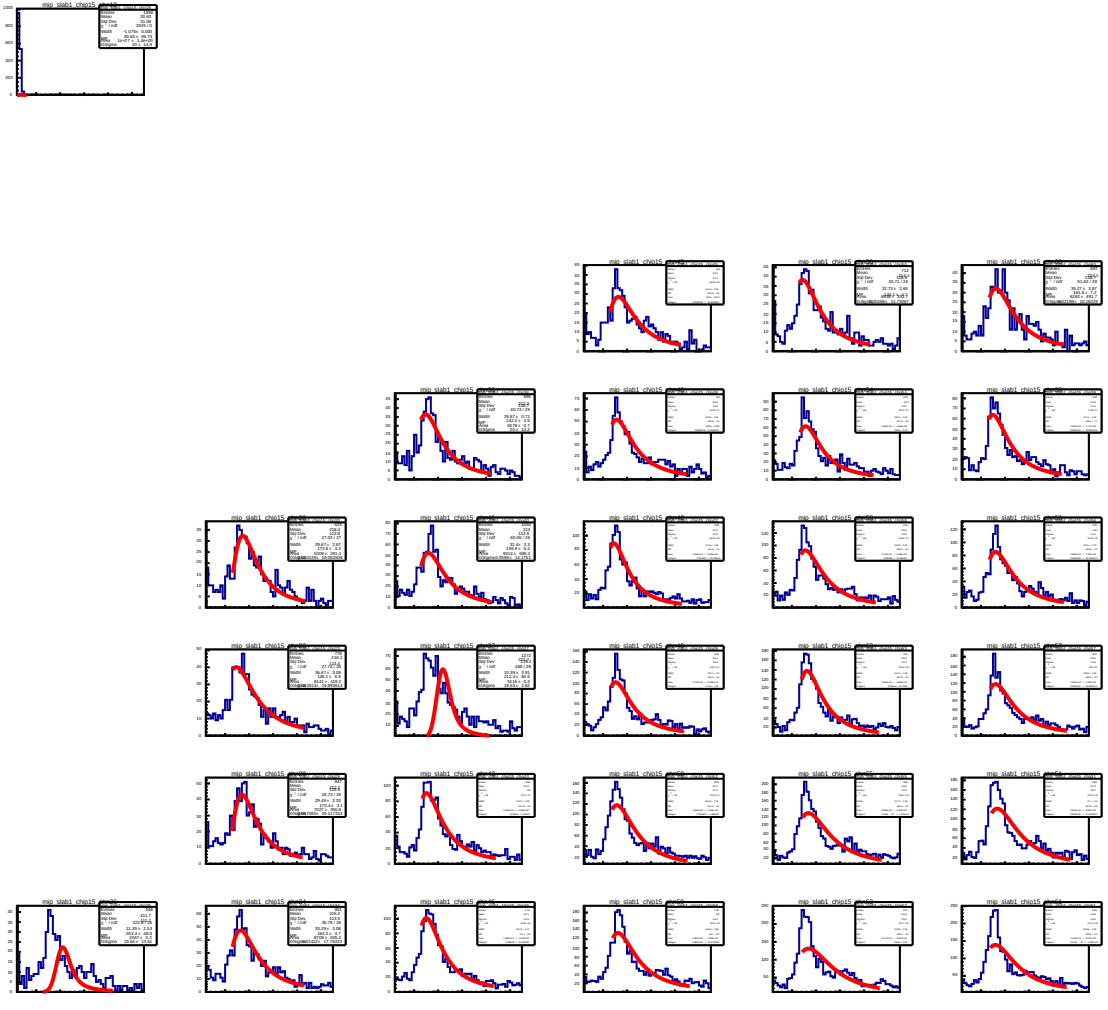

msp_slab1_chn5_chip5
Entries 1000
Mean 74.12
RMS 74.81
Underflow 0
Overflow 0
Integral 1.000e+03
Skewness 34.1 ± 1.0
800
750
700
600
500
400
300
200
100
0

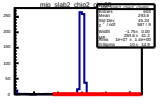

mip_stab1_chip10_ped3d
Entries 1000
Mean 0.0
Mean x 0.0
Mean y 0.0
Mean z 0.0
Rms 0.0
Rms x 0.0
Rms y 0.0
Rms z 0.0
Underflow 0 Overflow 0
250
200
150
100
50
0

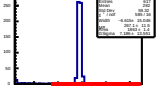

mip slab1 chip12 ch56
mip slab1 chip12 ch55
mip slab1 chip12 ch54
mip slab1 chip12 ch53
mip slab1 chip12 ch52
mip slab1 chip12 ch51
mip slab1 chip12 ch50
mip slab1 chip12 ch49
mip slab1 chip12 ch48
mip slab1 chip12 ch47
mip slab1 chip12 ch46
mip slab1 chip12 ch45
mip slab1 chip12 ch44
mip slab1 chip12 ch43
mip slab1 chip12 ch42
mip slab1 chip12 ch41
mip slab1 chip12 ch40
mip slab1 chip12 ch39
mip slab1 chip12 ch38
mip slab1 chip12 ch37
mip slab1 chip12 ch36
mip slab1 chip12 ch35
mip slab1 chip12 ch34
mip slab1 chip12 ch33
mip slab1 chip12 ch32
mip slab1 chip12 ch31
mip slab1 chip12 ch30
mip slab1 chip12 ch29
mip slab1 chip12 ch28
mip slab1 chip12 ch27
mip slab1 chip12 ch26
mip slab1 chip12 ch25
mip slab1 chip12 ch24
mip slab1 chip12 ch23
mip slab1 chip12 ch22
mip slab1 chip12 ch21
mip slab1 chip12 ch20
mip slab1 chip12 ch19
mip slab1 chip12 ch18
mip slab1 chip12 ch17
mip slab1 chip12 ch16
mip slab1 chip12 ch15
mip slab1 chip12 ch14
mip slab1 chip12 ch13
mip slab1 chip12 ch12
mip slab1 chip12 ch11
mip slab1 chip12 ch10
mip slab1 chip12 ch9
mip slab1 chip12 ch8
mip slab1 chip12 ch7
mip slab1 chip12 ch6
mip slab1 chip12 ch5
mip slab1 chip12 ch4
mip slab1 chip12 ch3
mip slab1 chip12 ch2
mip slab1 chip12 ch1
mip slab1 chip12 ch0

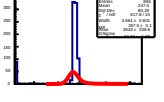


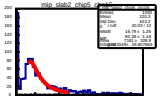


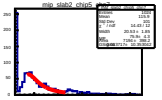

mip slab1 chip15 channel 0
mip slab1 chip15 channel 1
mip slab1 chip15 channel 2
mip slab1 chip15 channel 3
mip slab1 chip15 channel 4
mip slab1 chip15 channel 5
mip slab1 chip15 channel 6
mip slab1 chip15 channel 7
mip slab1 chip15 channel 8
mip slab1 chip15 channel 9
mip slab1 chip15 channel 10
mip slab1 chip15 channel 11
mip slab1 chip15 channel 12
mip slab1 chip15 channel 13
mip slab1 chip15 channel 14
mip slab1 chip15 channel 15
mip slab1 chip15 channel 16
mip slab1 chip15 channel 17
mip slab1 chip15 channel 18
mip slab1 chip15 channel 19
mip slab1 chip15 channel 20
mip slab1 chip15 channel 21
mip slab1 chip15 channel 22
mip slab1 chip15 channel 23
mip slab1 chip15 channel 24
mip slab1 chip15 channel 25
mip slab1 chip15 channel 26
mip slab1 chip15 channel 27
mip slab1 chip15 channel 28
mip slab1 chip15 channel 29
mip slab1 chip15 channel 30
mip slab1 chip15 channel 31

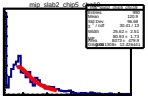

map stab2 chip2 charge
Entries 2828
Mean 2828
Std Dev 6.71
Underflow 0
Overflow 0
Width -1.75e+ 0.00
Mean 2.75e+ 0.00
Sigma 1.07e+ 0.00
Integral 2.8 e+03
250
200
150
100
50
0

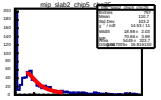

map stab2 chip2 charge
Entries 2828
Mean 2828
Std Dev 59.58
Underflow 0
Overflow 0
Width -4.82e+ 15.00
Mean 1.75e+ 0.00
Sigma 1.2
Integral 7.1e+ 03.00
250
200
150
100
50
0

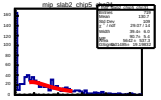

msp_slab2_chip4_pedsig
Entries 2048
Mean 2.615
Std Dev 2.615
χ² / ndf 617.8 / 13
Width 3.661± 0.021
Mean 2.615± 0.000
Sigma 1.000± 0.000
300
250
200
150
100
50
0

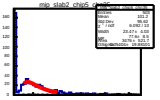

mip_slab2_chip5_chip5
Entries 1000
Mean 133.2
Std Dev 20.03 / 0.6
Width 19.79 ± 1.26
Area 1000 ± 0.0
Mpv 134.1 ± 0.8
Sigma 14.29 ± 0.8

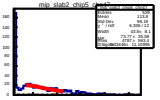

mip_slab2_chip5_chip5
Entries 1000
Mean 133.4
Std Dev 14.43 / 0.5
Width 20.93 ± 1.05
Area 1000 ± 0.0
Mpv 134.5 ± 0.6
Sigma 15.24 ± 0.6

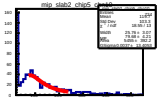

mip_slab2_chip5_chip5
Entries 1000
Mean 134.2
Std Dev 98.68
Width 29.62 ± 2.51
Area 1000 ± 0.0
Mpv 133.0 ± 29.9
Sigma 17.14 ± 0.9

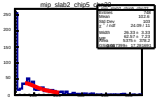

mip_slab2_chip5_chip5
Entries 1000
Mean 133.7
Std Dev 13.93 / 0.5
Width 18.98 ± 2.16
Area 1000 ± 0.0
Mpv 134.0 ± 0.7
Sigma 14.14 ± 0.7

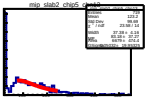

mip_slab2_chip5_chip5
Entries 1000
Mean 134.7
Std Dev 29.07 / 0.9
Width 39.4 ± 6.0
Area 1000 ± 0.0
Mpv 134.0 ± 52.7
Sigma 29.16 ± 0.9

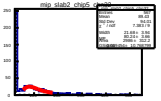

mip_slab2_chip5_chip5
Entries 1000
Mean 133.7
Std Dev 99.12
Width 23.47 ± 4.13
Area 1000 ± 0.0
Mpv 134.5 ± 52.5
Sigma 19.49 ± 0.9

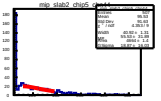

mip_slab2_chip5_chip5
Entries 1000
Mean 133.8
Std Dev 99.18
Width 43.5± 4.8
Area 1000 ± 0.0
Mpv 23.27 ± 133.8
Sigma 43.34 ± 2.0

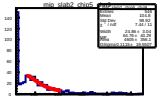

mip_slab2_chip5_chip5
Entries 1000
Mean 118.8
Std Dev 18.90 / 1.0
Width 25.78 ± 3.07
Area 1000 ± 0.0
Mpv 118.6 ± 26.2
Sigma 19.29 ± 1.0

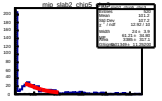

mip_slab2_chip5_chip5
Entries 1000
Mean 112.8
Std Dev 16.09 / 0.7
Width 29.33 ± 3.23
Area 1000 ± 0.0
Mpv 112.5 ± 34.2
Sigma 16.94 ± 0.8

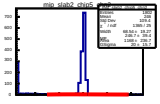

mip_slab2_chip5_chip5
Entries 1000
Mean 113.2
Std Dev 23.90 / 1.0
Width 37.39 ± 3.18
Area 1000 ± 0.0
Mpv 113.0 ± 37.4
Sigma 18.86 ± 0.8

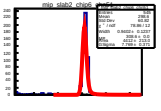

mip_slab2_chip5_chip5
Entries 1000
Mean 86.43
Std Dev 7.38 / 0.3
Width 21.68 ± 0.90
Area 1000 ± 0.0
Mpv 86.6 ± 22.2
Sigma 15.34 ± 0.6

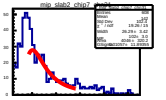

mip_slab2_chip5_chip5
Entries 1000
Mean 86.93
Std Dev 8.35 / 0.4
Width 40.92 ± 1.31
Area 1000 ± 0.0
Mpv 86.8 ± 1.8
Sigma 14.87 ± 0.9

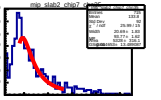

mip_slab2_chip5_chip5
Entries 1000
Mean 104.8
Std Dev 7.38 / 0.3
Width 21.88 ± 0.94
Area 1000 ± 0.0
Mpv 105.0 ± 22.0
Sigma 15.49 ± 0.6

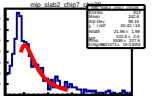

mip_slab2_chip5_chip5
Entries 1000
Mean 101.2
Std Dev 12.87 / 0.5
Width 29.4 ± 3.6
Area 1000 ± 0.0
Mpv 101.0 ± 30.7
Sigma 15.85 ± 0.8

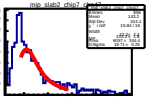

mip_slab2_chip5_chip5
Entries 1000
Mean 1.000
Std Dev 0.00 / 0.0
Width 0.00 ± 0.00
Area 1000 ± 0.0
Mpv 1.000 ± 0.0
Sigma 0.00 ± 0.0

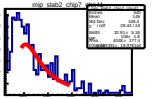

msp_stab2_chip5_step5
Mean
Std Dev
Entries
Chi2 / ndf
p0
p1
p2
Mean
Sigma
Integral

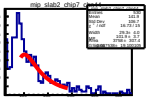

mip_slab2_chip7_chan21
Entries 134
Mean 19.27
Std Dev 11.27
χ² / ndf 19.26 / 13
Width 29.29 ± 0.42
MPV 21.80 ± 0.07
Integral 1.2e+03 ± 11.0

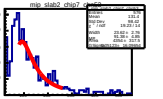

mip_slab2_chip7_chan22
Entries 142
Mean 19.8
Std Dev 12
χ² / ndf 25.98 / 13
Width 20.69 ± 1.40
MPV 19.01 ± 0.21
Integral 5.0e+03 ± 32.5

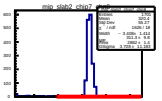

mip_slab2_chip7_chan23
Entries 142
Mean 20.15
Std Dev 12.12
χ² / ndf 30.42 / 14
Width 23.56 ± 1.09
MPV 19.57 ± 0.17
Integral 4.8e+03 ± 32.5

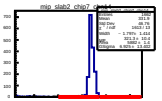

mip_slab2_chip7_chan24
Entries 152
Mean 22.1
Std Dev 13.82
χ² / ndf 15.82 / 14
Width 22.21 ± 0.8
MPV 22.17 ± 0.1
Integral 6.0e+03 ± 34.5

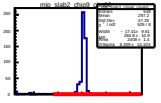

mip_slab2_chip7_chan25
Entries 154
Mean 19.6
Std Dev 10.9
χ² / ndf 20.42 / 11
Width 22.61 ± 0.28
MPV 18.97 ± 0.07
Integral 7.4e+03 ± 37.7
Probability 14.9e-03

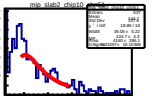

mip_slab2_chip7_chan26
Entries 154
Mean 18.9
Std Dev 10.1
χ² / ndf 16.72 / 11
Width 29.31 ± 0.0
MPV 17.61 ± 0.0
Integral 2.7e+03 ± 37.7
Probability 11.0e-03

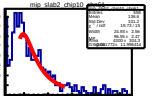

mip_slab2_chip7_chan27
Entries 151
Mean 19.4
Std Dev 10.7
χ² / ndf 19.23 / 11
Width 23.62 ± 2.76
MPV 18.97 ± 0.21
Integral 6.0e+03 ± 37.5
Probability 4.0e-03

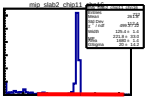

mip_slab2_chip7_chan20
Entries 1.2e+03
Mean 20.2
Std Dev 10.7
χ² / ndf 1426 / 18
Width 3.439 ± 1.414
MPV 321.3 ± 5.4
Integral 1.4e+03 ± 11.0
Integral 1.4e+03 ± 11.0

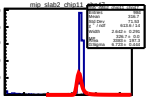

mip_slab2_chip7_chan14
Entries 2.1e+03
Mean 20.7
Std Dev 10.7
χ² / ndf 1023 / 13
Width 1.795 ± 1.414
MPV 380.9 ± 5.4
Integral 2.0e+03 ± 11.0
Integral 6.925e+03 ± 11.0

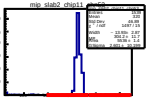

mip slab2 chip2 chan5
Entries 1000
Mean 2972
Std Dev 6.07
Skewness 0.0475
Width -17.6to 9.41
Peak 2.71
Mid 2.71
Underflow 0 Overflow 0
300
250
200
150
100
50
0

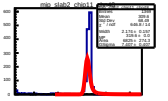

mip_slab2_chip10_chan56
Entries 1000
Mean 18.4
Std Dev 10.6
χ² / ndf 19.27 / 13
Width 10.55 ± 0.35
MPV 19.7 ± 0.5
Area 2000 ± 40.0
Prob 0.1155
Chisq / ndf 1.482

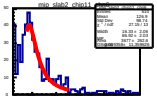

mip_slab2_chip10_chan58
Entries 1000
Mean 18.4
Std Dev 10.7
χ² / ndf 19.77 / 15
Width 10.90 ± 0.36
MPV 19.7 ± 0.5
Area 2000 ± 39.7
Prob 0.1731
Chisq / ndf 1.318

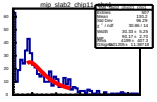

mip slab2 chip11 chan2

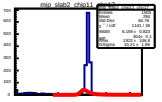

mip slab2 chip11 chan2

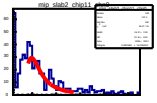

mip slab2 chip11 chan2

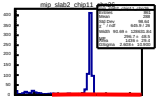

mip slab2 chip11 chan2

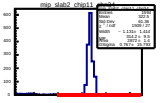

mip slab2 chip11 chan2

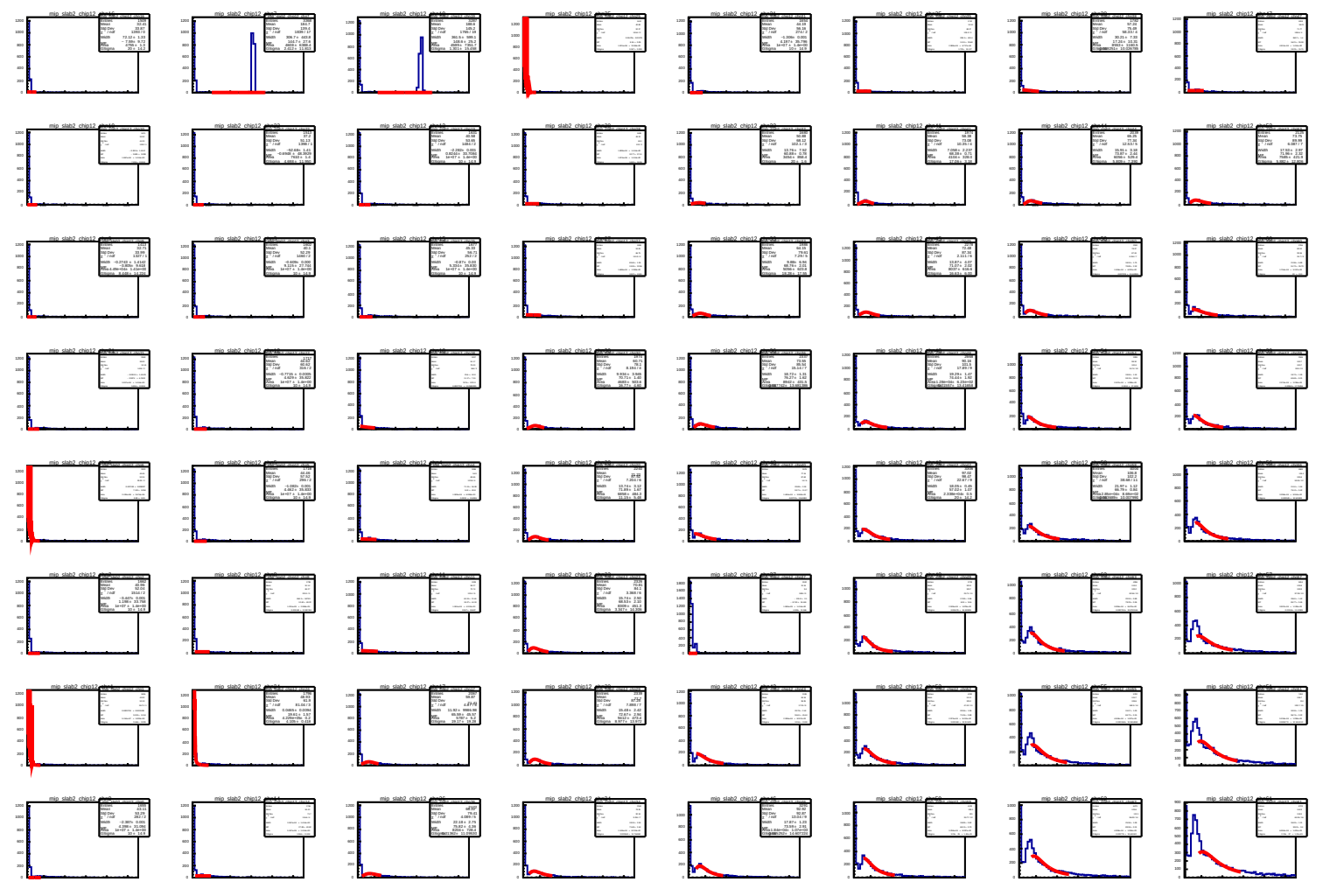

mip slab2 chip11 chan2

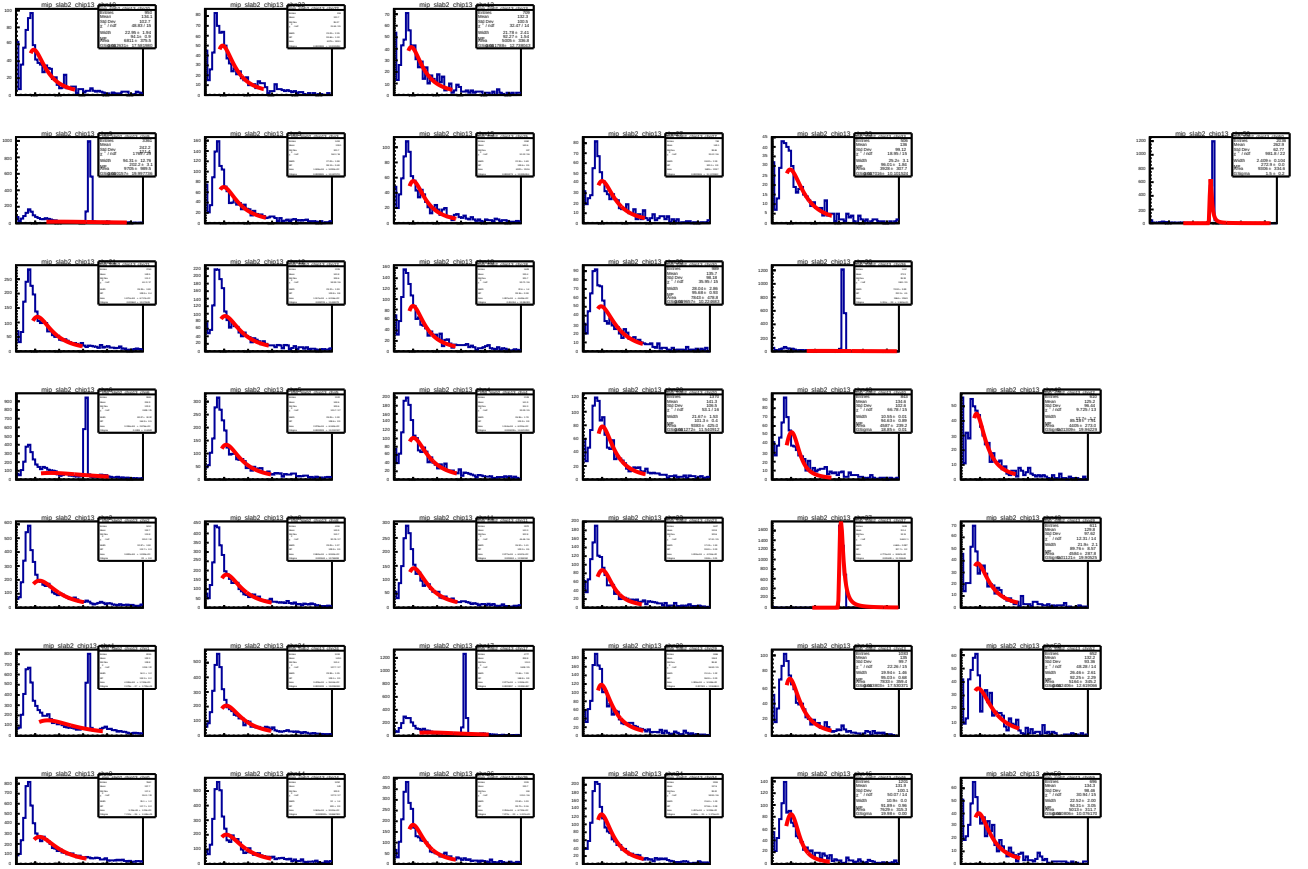

mip slab2 chip11 chan2

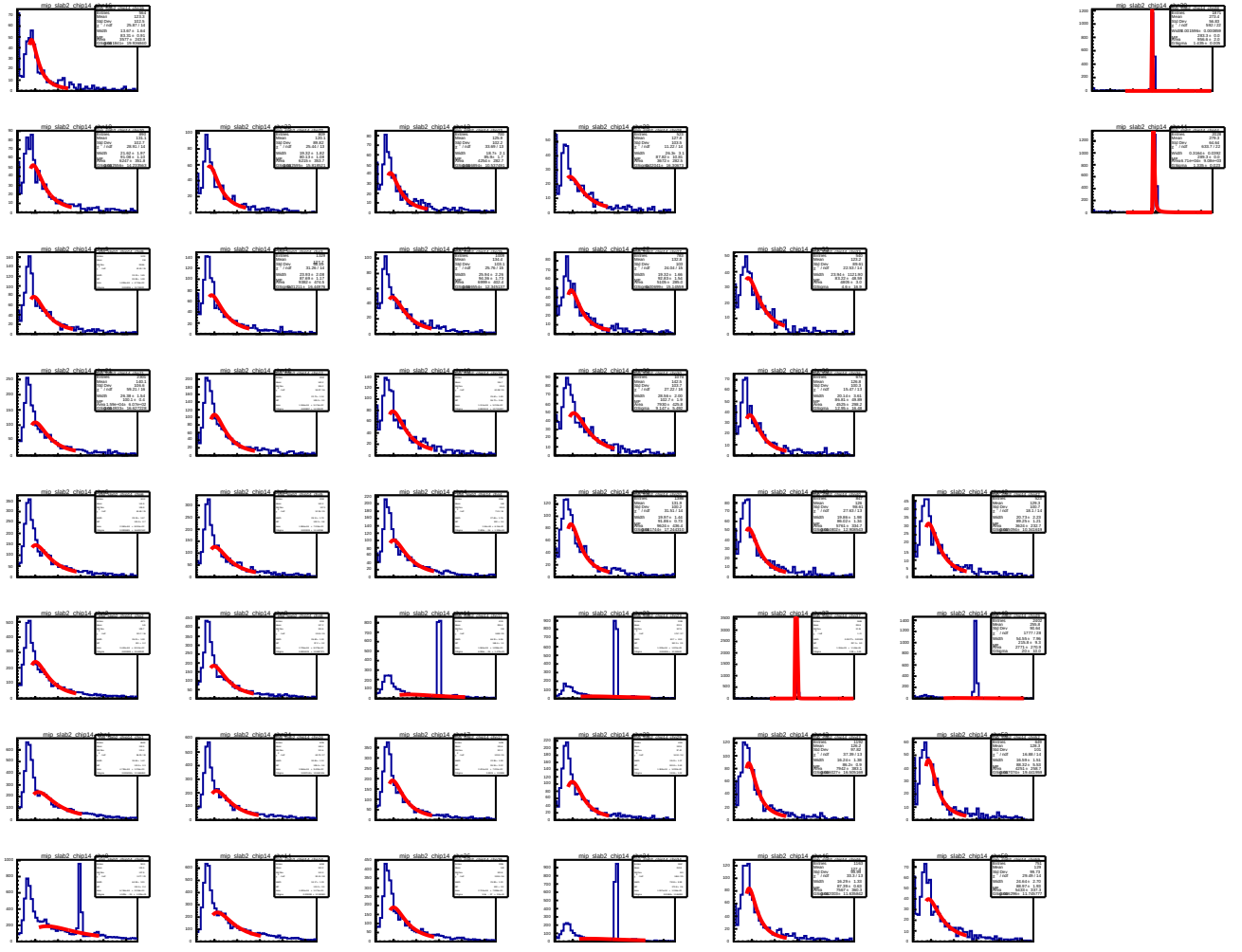

mip slab2 chip11 chan2

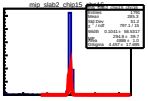

mip slab2 chip11 chan2

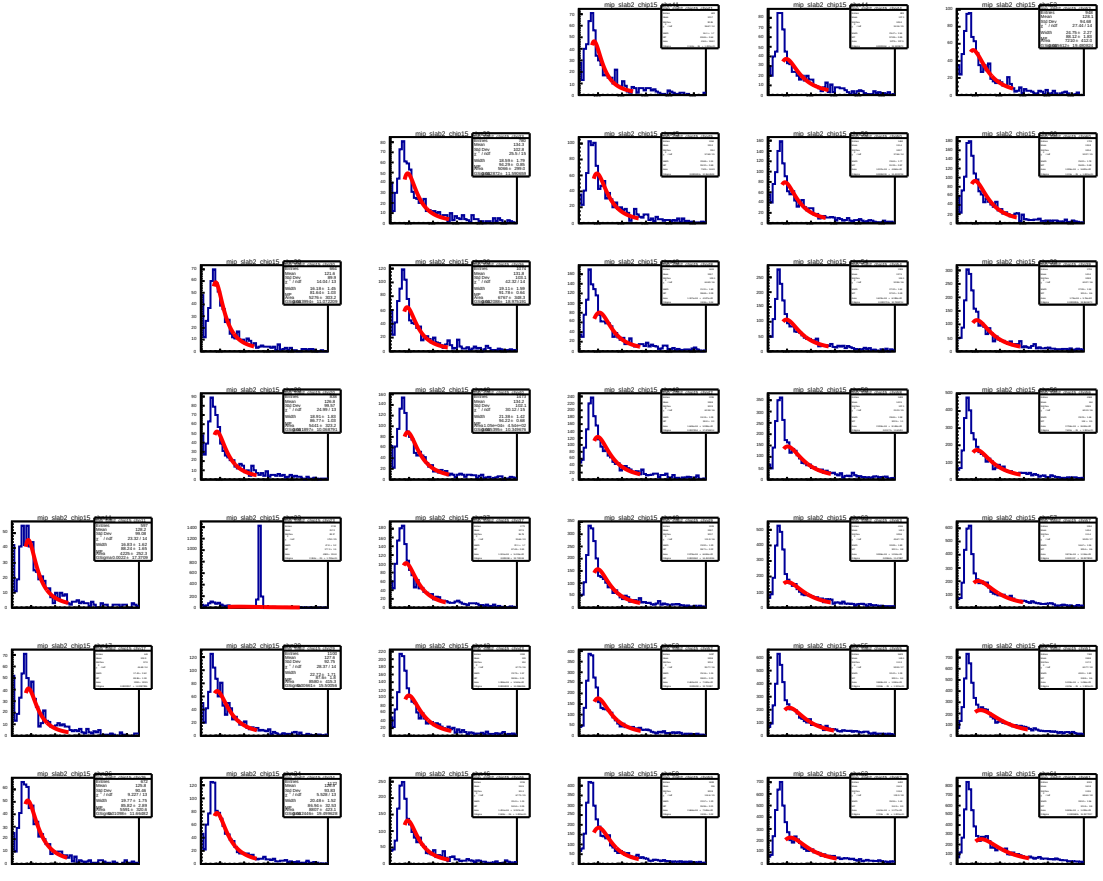

mip slab2 chip11 chan2

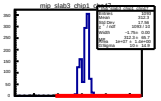


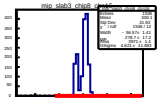


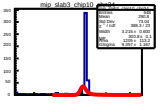


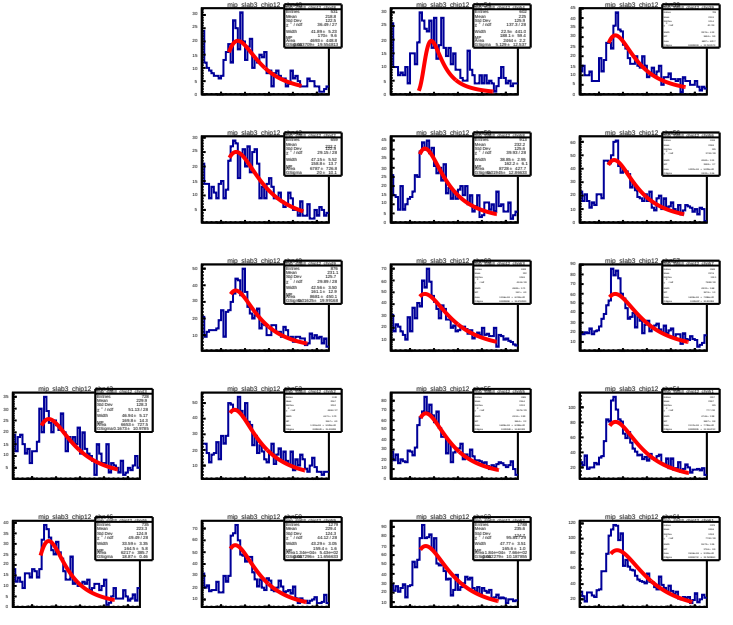

mip slab2 chip15 chan32
Entries 2613
Mean 51.2
Std Dev 797.1 / 50
χ² / ndf 1.0e+0 / 50.5017
Width 0.1041± 50.5017
MPV 2884± 5.0
Integral 4.697e+ 0 ± 2.00




mip_slab3_chip1_chan25
Entries 1024
Mean 17.04
Std Dev 17.06
χ² / ndf 2283 / 15
Width 0.79± 0.02
Mean 16.79± 0.02
MPV 17.77± 1.44×10⁻⁶
Sigma 0.01± 0.01
300
250
200
150
100
50
0


msp_slab3_chip8_chan5
Entries 1000
Mean 1.000
Std Dev 21.02
χ / ndf 15281 / 12
Constant 4.0e+3 1.42
Mean -0.0171 0.0
Sigma 20.71 1.4
Integral 4.07e+ 0.0
400
350
300
250
200
150
100
50
0


mip_slab3_chip14_pad3
Entries 2000
Mean 25.12
Underflow 0
Overflow 0
χ² / ndf 388.2 / 13
Width 3.23e-0 ± 0.600
Mean 2.00e-0 ± 0.0
Sigma 2.001e-0 ± 0.0
Integral 8.997e-0 ± 0.0
350
300
250
200
150
100
50
0


mip slab3 chip12
mip slab3 chip12
mip slab3 chip12
mip slab3 chip12
mip slab3 chip12
mip slab3 chip12
mip slab3 chip12
mip slab3 chip12
mip slab3 chip12
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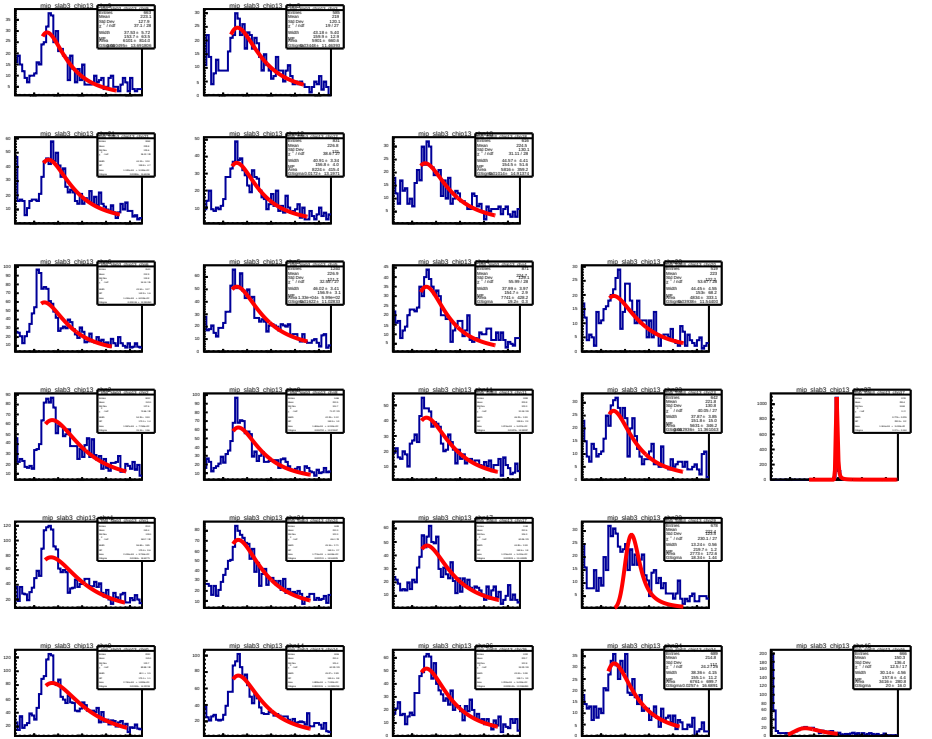
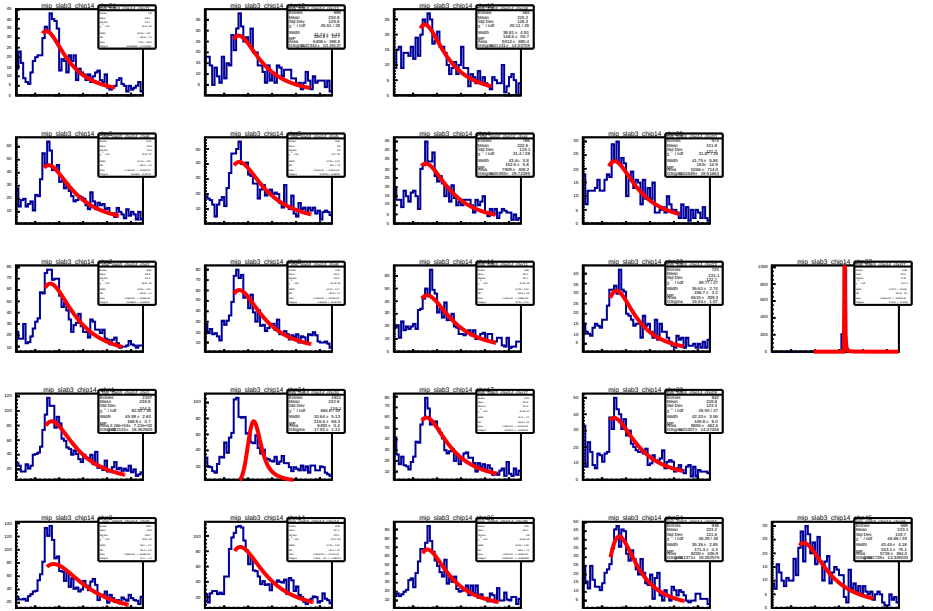
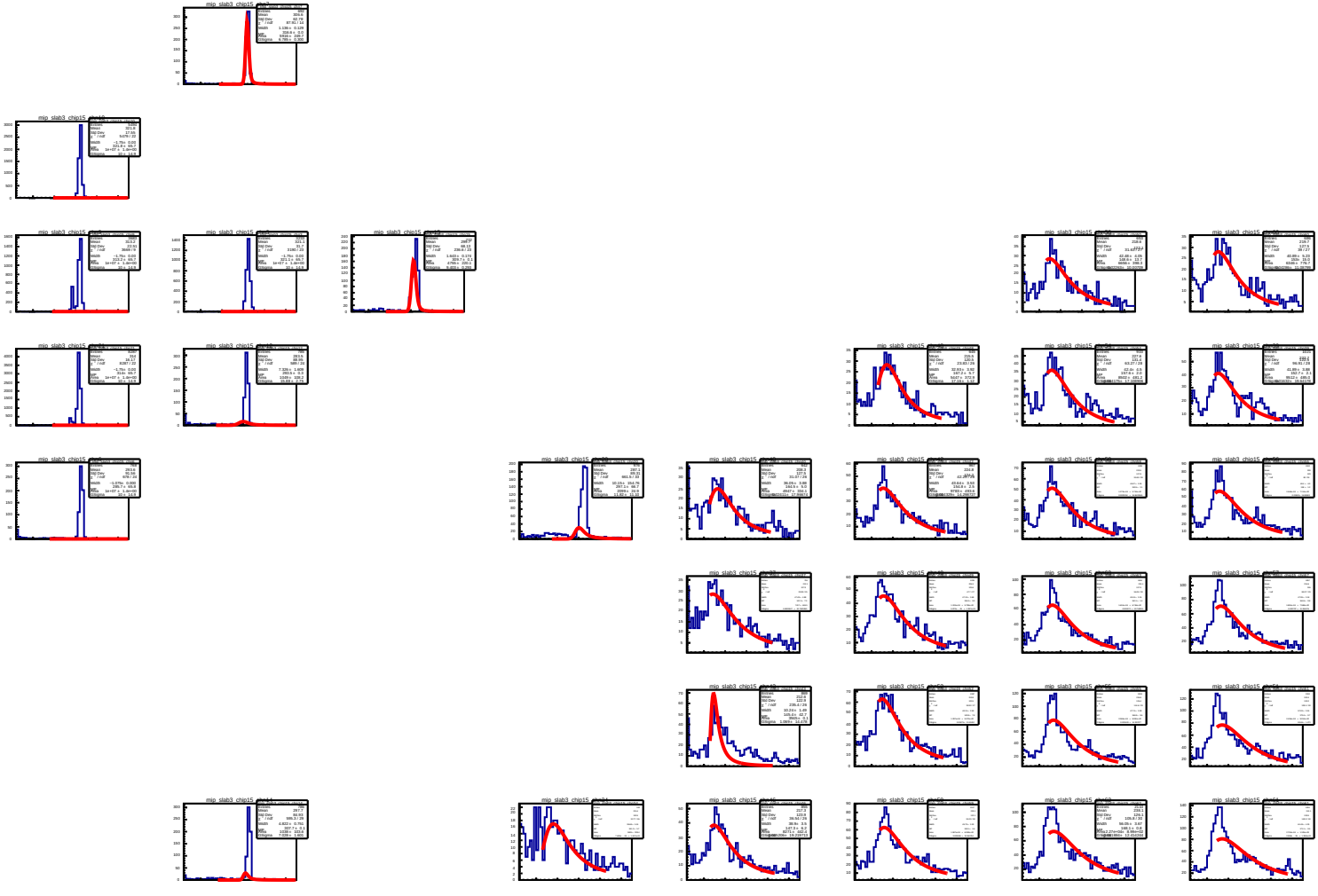
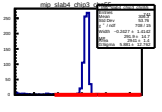
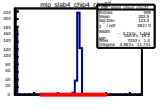
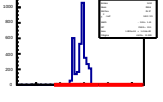

mip slab3 chip13
mip slab3 chip13
mip slab3 chip13

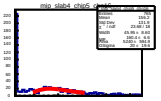

mip slab3 chip14
mip slab3 chip14
mip slab3 chip14

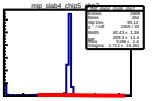


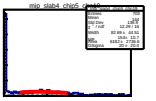

mip slab4 chip3 chan5
Entries 9000
Mean 94.97
Std Dev 55.78
χ² / ndf 0 / 0
Constant 0.3027 ± 0.4143
Mean 293.91 ± 14.7
Sigma 7.14 ± 7.12
Integral 0.9997 ± 0.0
250
200
150
100
50
0

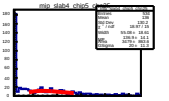

mip_slab4_chip4_chan0
220
200
180
160
140
120
100
80
60
40
20
0

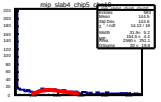

mip_slab4_chip4_chan0
1000
800
600
400
200
0

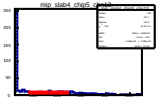

mip slab4 chip5 ch10
Entries 1024
Mean 131.6
Std Dev 23.60 / 18
Width 65.98 ± 8.60
Peak 1.000 ± 0.000
MPV 5.000 ± 5.000
Integral 24 ± 0.0

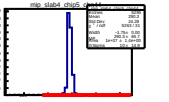

mip slab4 chip5 ch11
Entries 1024
Mean 1.000
Std Dev 0.000 / 0.0
Width 0.000 ± 0.000
Peak 1000.0 ± 0.0
MPV 1000.0 ± 0.0
Integral 0.717 ± 0.0

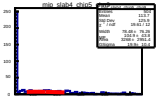

mip slab4 chip5 ch12
Entries 1024
Mean 1.000
Std Dev 12.26 / 18
Width 62.63 ± 14.50
Peak 1.000 ± 0.000
MPV 4.000 ± 37.00
Integral 24 ± 0.0

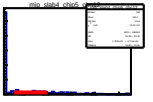

mip slab4 chip5 ch13
Entries 1024
Mean 130.2
Std Dev 18.87 / 18
Width 55.58 ± 18.11
Peak 1.000 ± 0.000
MPV 3.000 ± 40.0
Integral 24 ± 0.0

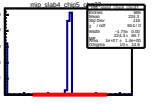

mip slab4 chip5 ch14
Entries 1024
Mean 144.5
Std Dev 14.17 / 18
Width 31.91 ± 9.2
Peak 1.000 ± 0.000
MPV 2.000 ± 26.0
Integral 24 ± 0.0

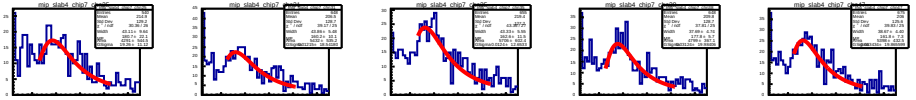

mip slab4 chip5 ch15
Entries 0
Mean 0.0
Std Dev 0.0 / 0
Width 0.000 ± 0.000
Peak 0.000 ± 0.000
MPV 0.000 ± 0.000
Integral 0.000 ± 0.000

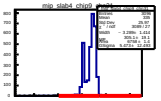

mip slab4 chip5 ch16
Entries 1024
Mean 290.8
Std Dev 52.61 / 18
Width -0.750 ± 0.00
Peak 1.000 ± 0.000
MPV 14.00 ± 1.0e+02
Integral 24 ± 0.0

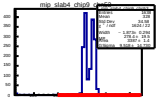

mip slab4 chip5 ch17
Entries 1024
Mean 113.7
Std Dev 19.17 / 18
Width 75.49 ± 79.28
Peak 1.000 ± 0.000
MPV 3.000 ± 25.0
Integral 24 ± 0.0

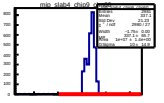

mip slab4 chip5 ch18
Entries 0
Mean 0.0
Std Dev 0.0 / 0
Width 0.000 ± 0.000
Peak 0.000 ± 0.000
MPV 0.000 ± 0.000
Integral 0.000 ± 0.000

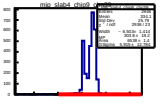

mip slab4 chip5 ch19
Entries 1024
Mean 291.0
Std Dev 50.17 / 18
Width -0.750 ± 0.00
Peak 1.000 ± 0.000
MPV 14.00 ± 66.7
Integral 24 ± 0.0

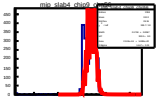

mip_slab4_chip7_cluster5
mip_slab4_chip7_cluster4
mip_slab4_chip7_cluster5
mip_slab4_chip7_cluster5
mip_slab4_chip7_cluster5

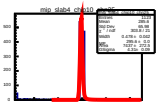

mip_slab4_chip2_ch24
Entries 128
Mean 29.97
Std Dev 3181.77
χ² / ndf 2.14 / 1
Prob 0.143
Constant 3.399e+ 1.414
Mean -1.000e+ 0.000
Sigma 3.14
Constant 6.473e+ 22.03

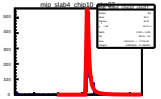

mip_slab4_chip2_ch25
Entries 128
Mean 29.97
Std Dev 3181.77
χ² / ndf 10.61 / 1
Prob 0.001
Constant -1.870e+ 0.240
Mean 2187.4 ± 0.4
Sigma 2187.7 ± 0.3
Constant 2.1e+03 ± 0.1e+03

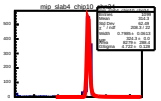

mip_slab4_chip2_ch26
Entries 128
Mean 29.97
Std Dev 3181.77
χ² / ndf 2.14 / 1
Prob 0.143
Constant -1.75e+ 0.42
Mean 2977.4 ± 0.4
Sigma 3.14 ± 0.3
Constant 6.47e+ 2.1e+03


mip_slab4_chip2_ch27
Entries 128
Mean 29.97
Std Dev 3181.77
χ² / ndf 2.14 / 1
Prob 0.143
Constant -3.920e+ 0.412
Mean 3918.0 ± 0.4
Sigma 3.14 ± 0.3
Constant 6.473e+ 22.03

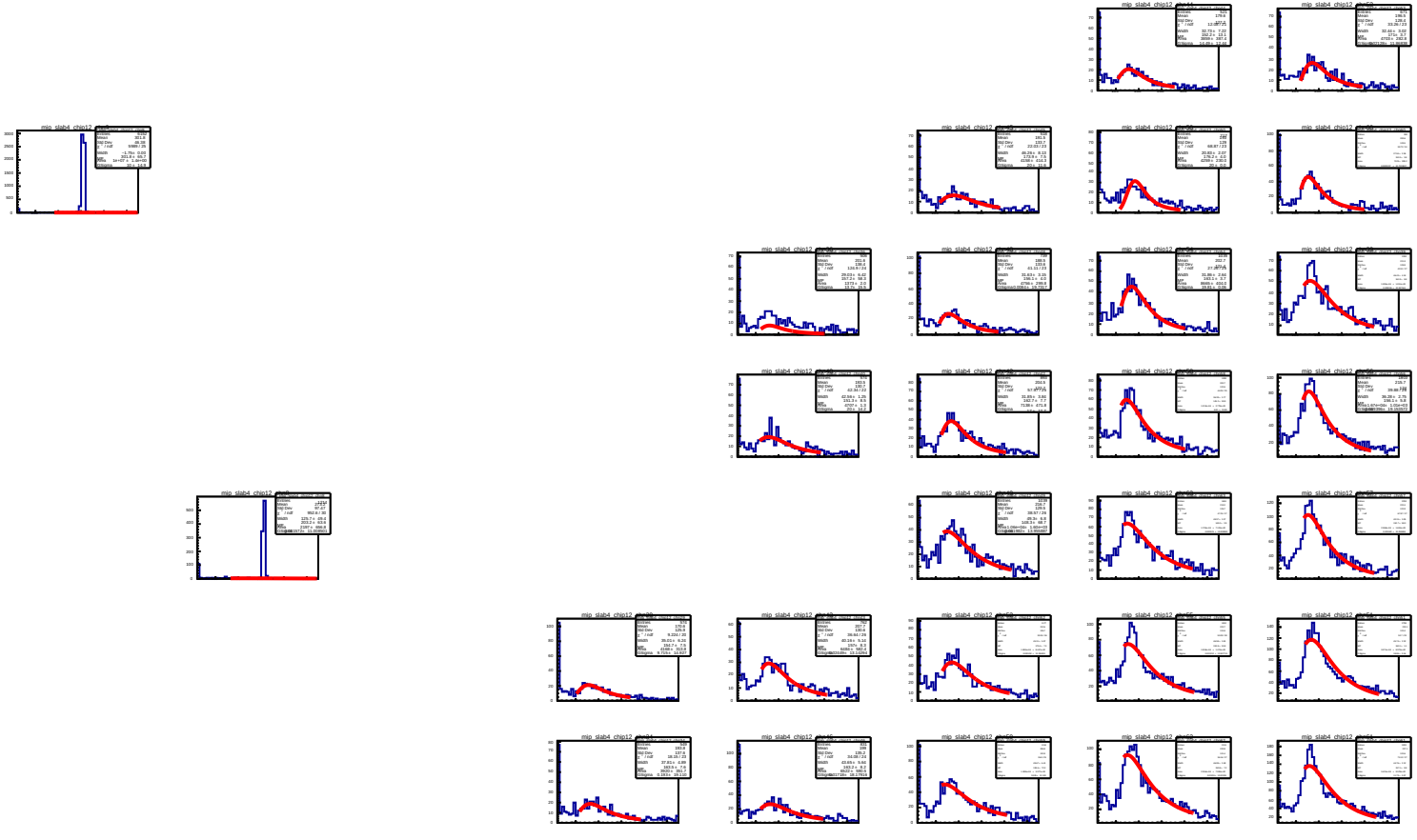
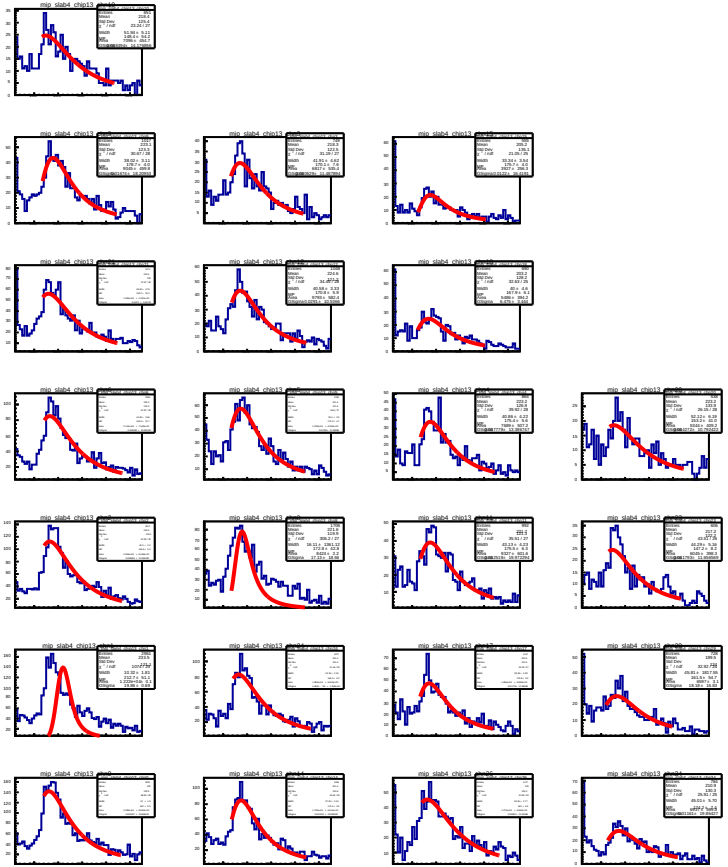
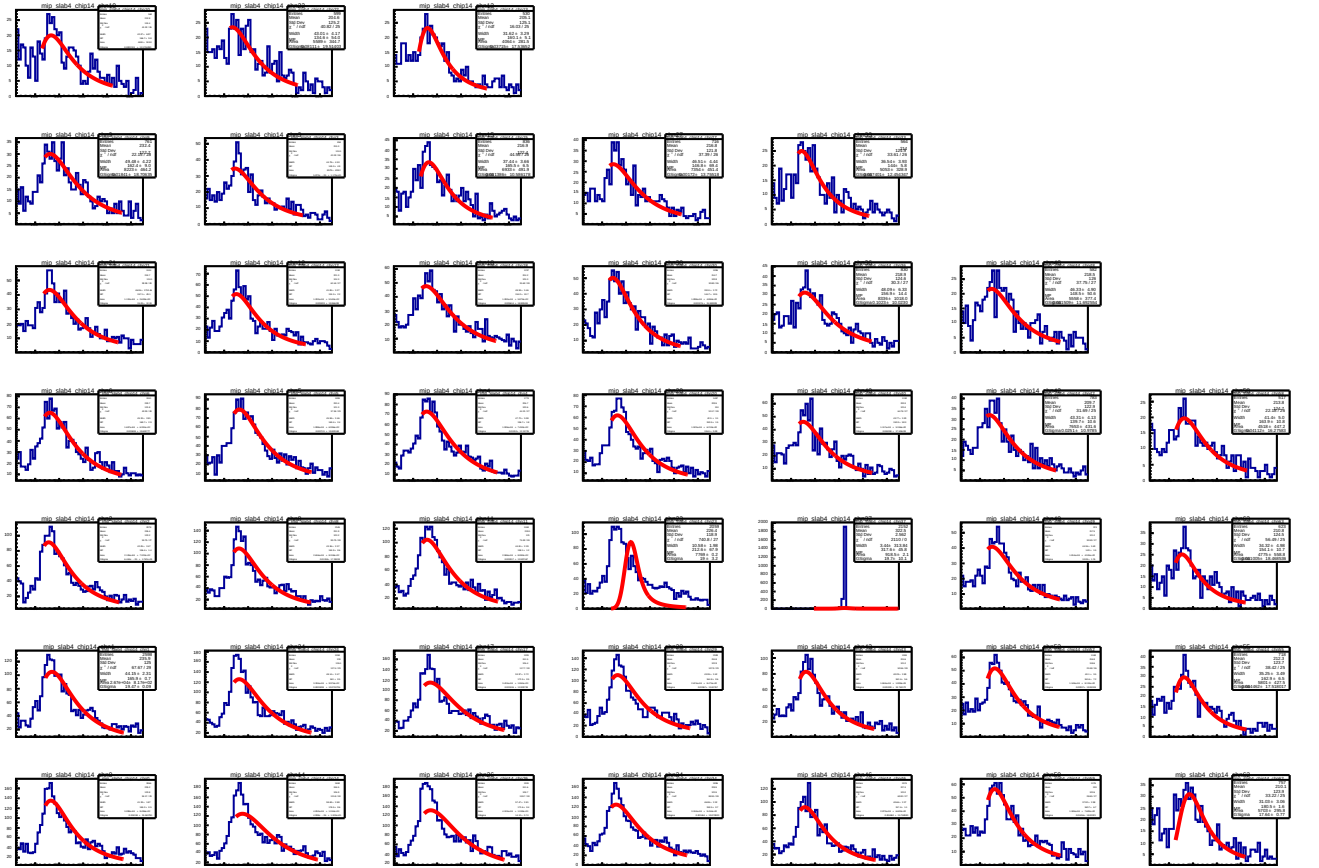
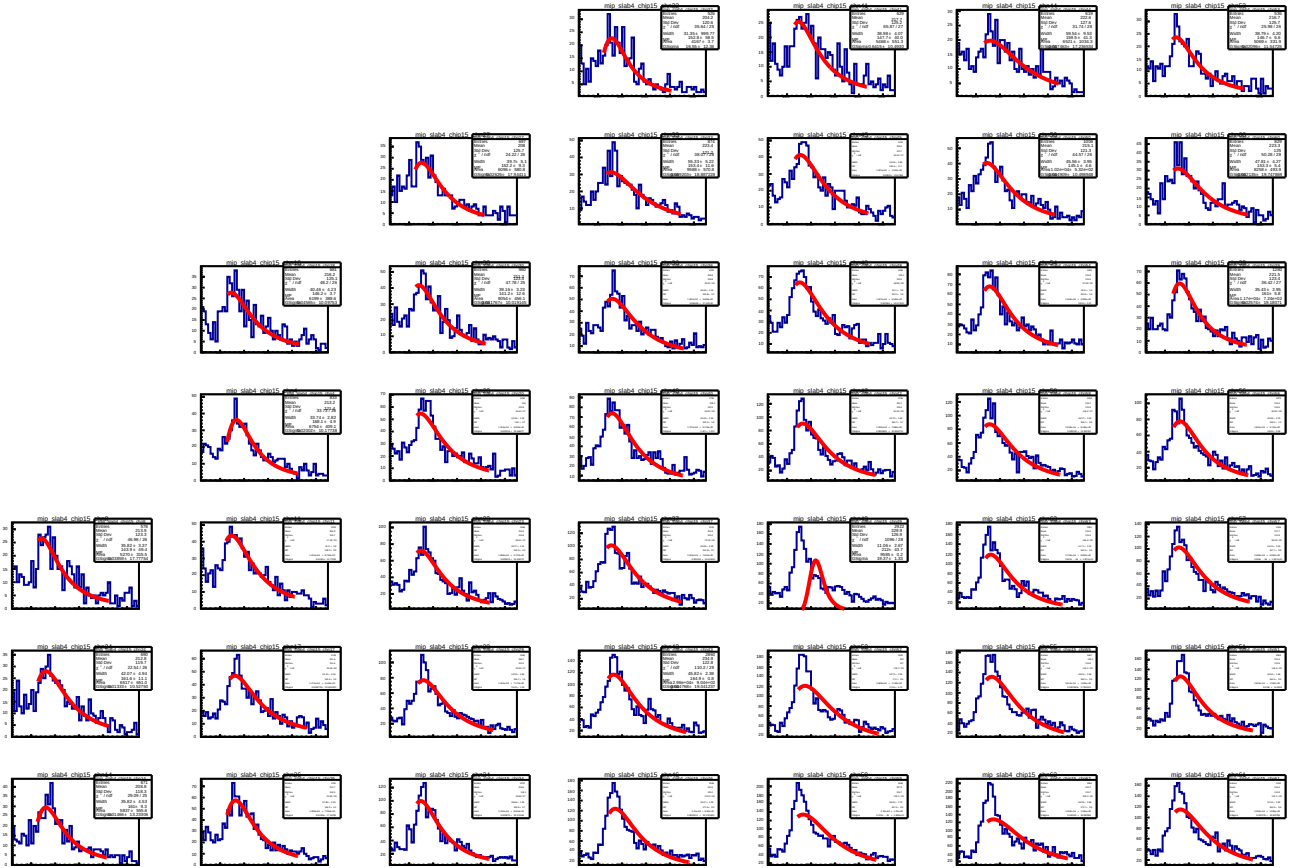

mip_slab4_chip2_ch28
Entries 128
Mean 29.97
Std Dev 3181.77
χ² / ndf 2.14 / 1
Prob 0.143
Constant 3.399e+ 1.414
Mean -1.000e+ 0.000
Sigma 3.14
Constant 6.473e+ 22.03


mip_slab4_chip10_ch15
Entries 2512
Mean 0.2514
Std Dev 0.0135
χ² / ndf 359.8 / 13
Width 0.2784 ± 0.0122
Sigma 0.0119 ± 0.0010
Mean 0.2514 ± 0.0003
Integral 6.720 ± 0.130


mip_slab4_chip10_ch18


mip_slab4_chip10_ch19
Entries 2512
Mean 0.2514
Std Dev 0.0135
χ² / ndf 359.8 / 13
Width 0.2785 ± 0.0123
Sigma 0.0119 ± 0.0010
Mean 0.2514 ± 0.0003
Integral 6.720 ± 0.130

mip_sigh2_chi2t1
Entries 36.33
Mean 36.33
Std Dev 29.07
χ² / ndf 0.00
Mean -0.0256± 29.02
Sigma 29.07± 0.0175
Const 54+07 ± 0.00000
Prob 1.000
200
150
100
50
0


mip slab4 chip12
mip slab4 chip12
mip slab4 chip12