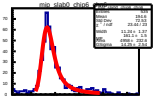
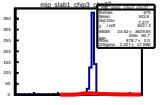
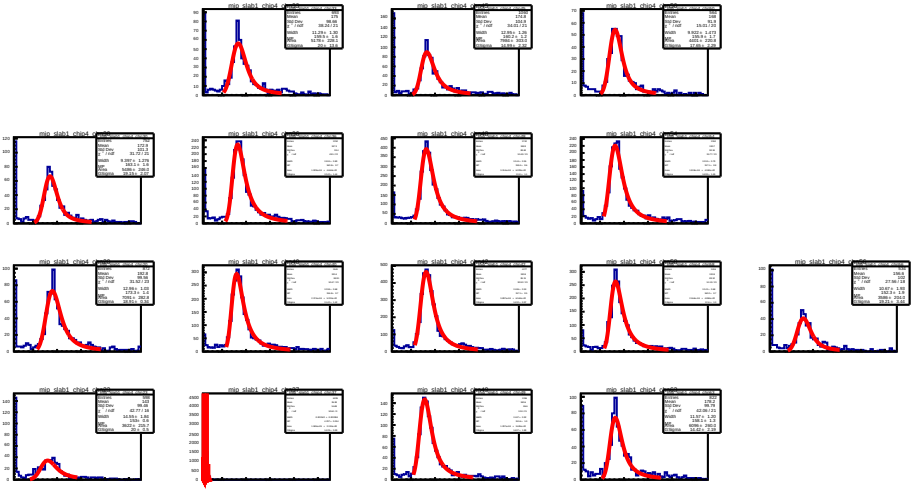
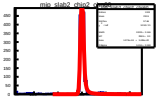
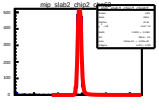
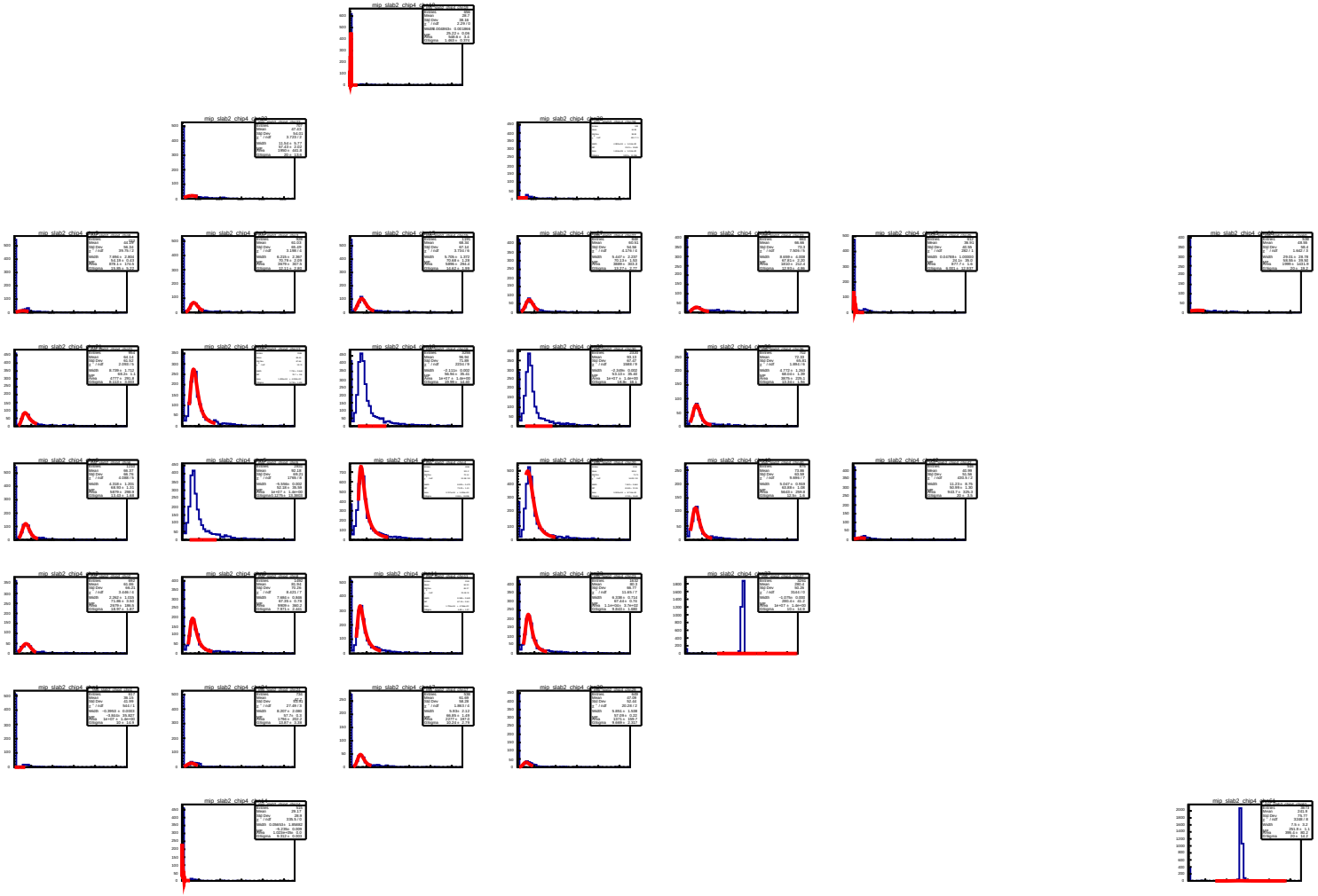

mip_stat0_chip6
Entries 1000
Mean 19.14
RMS 2.53
Underflow 0
Overflow 0
χ² / ndf 29.42 / 33
Prob 0.6
Constant 11.91 ± 1.21
Mean 19.61 ± 0.07
Sigma 0.961 ± 0.014
Integral 11.91 ± 1.21
70
60
50
40
30
20
10
0

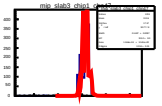

mip_slab1_chip3_cosmic
Entries 1000
Mean 0.0
Underflow 0
Overflow 0
Integral 1000.0
Skewness 0.0000
Kurtosis 0.0000
Mean 14.42 ± 0.0129
Sigma 0.4 ± 0.0
Mean x 14.42
Sigma x 0.4
MPV 14.42 ± 0.0
Entries 1000
Mean 14.42
RMS 0.4
Underflow 0
Overflow 0
350
300
250
200
150
100
50
0

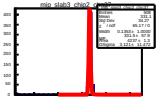


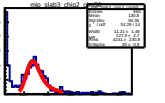

mip_slab2_chip2_chan0
Entries 1000
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
Integral 1000.0
Skewness 0.0
Kurtosis 0.0
Mean x 0.0
RMS x 0.0
Mean y 0.0
RMS y 0.0
Correlation 0.0
Integral x 1000.0
Integral y 1000.0
300
250
200
150
100
50
0

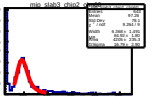

mip_slab2_chip2_chan0
Entries 1000
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
Integral 1000.0
Skewness 0.0
Kurtosis 0.0
Mean x 0.0
RMS x 0.0
Mean y 0.0
RMS y 0.0
Correlation 0.0
Integral x 1000.0
Integral y 1000.0
500
400
300
200
100
0

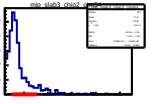

mip slab2 chip4 chan0
mip slab2 chip4 chan1
mip slab2 chip4 chan2
mip slab2 chip4 chan3
mip slab2 chip4 chan4
mip slab2 chip4 chan5
mip slab2 chip4 chan6
mip slab2 chip4 chan7
mip slab2 chip4 chan8
mip slab2 chip4 chan9
mip slab2 chip4 chan10
mip slab2 chip4 chan11
mip slab2 chip4 chan12
mip slab2 chip4 chan13
mip slab2 chip4 chan14
mip slab2 chip4 chan15
mip slab2 chip4 chan16
mip slab2 chip4 chan17
mip slab2 chip4 chan18
mip slab2 chip4 chan19
mip slab2 chip4 chan20
mip slab2 chip4 chan21
mip slab2 chip4 chan22
mip slab2 chip4 chan23
mip slab2 chip4 chan24
mip slab2 chip4 chan25
mip slab2 chip4 chan26
mip slab2 chip4 chan27
mip slab2 chip4 chan28
mip slab2 chip4 chan29
mip slab2 chip4 chan30
mip slab2 chip4 chan31

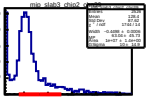

mip_slab3_chip2_chan25
Entries 1000
Mean 1.114
RMS 0.7
Underflow 0
Overflow 0
Integral = 1000.0
Skewness 0.0
Kurtosis = -0.0000E-01
Mean = 1.114 ± 0.0224
RMS = 0.7000 ± 0.0158
400
350
300
250
200
150
100
50
0

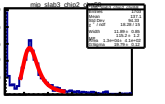

mip slab3 chip2 ch15
Entries 1024
Mean 101.4
Std Dev 57.16
χ² / ndf 65.27 / 0
Width 0.2824 ± 0.3000
Area 333.6 ± 57.8
MPV 101.4 ± 0.8
Sigma 3.1212 ± 1.212

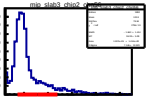

mip slab3 chip2 ch16
Entries 1024
Mean 130.8
Std Dev 34.85
χ² / ndf 34.85 / 15
Width 11.21 ± 1.20
Area 1217.6 ± 1.2
MPV 130.2 ± 0.3
Sigma 0.0000 ± 0.0

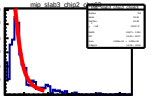

mip slab3 chip2 ch17
Entries 1024
Mean 97.26
Std Dev 29.71
χ² / ndf 1.2e+03 / 0
Width 8.3982 ± 1.482
Area 3620.1 ± 3.6
MPV 97.26 ± 0.3
Sigma 0.0000 ± 0.0

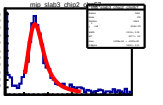

mip slab3 chip2 ch18
Entries 1024
Mean 0.000
Std Dev 0.000
χ² / ndf 0.000 / 0
Width 0.0000 ± 0.0000
Area 0.0 ± 0.0
MPV 14.07 ± 0.0e+00
Sigma 0.0000 ± 0.0

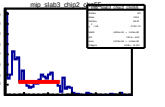

mip slab3 chip2 ch19
Entries 1024
Mean 2.062
Std Dev 2.062
χ² / ndf 2.062 / 0
Width 0.0000 ± 0.0000
Area 0.0 ± 0.0
MPV 14.07 ± 0.0e+00
Sigma 0.0000 ± 0.0

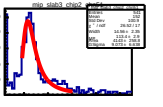

mip slab3 chip2 ch20
Entries 1024
Mean 177.4
Std Dev 33.13
χ² / ndf 16.28 / 15
Width 13.80 ± 0.95
Area 1217.6 ± 1.2
MPV 1.3e+03 ± 1.1e+07
Sigma 0.0000 ± 0.0

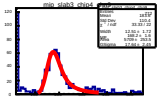

mip slab3 chip2 ch21
Entries 1024
Mean 0.000
Std Dev 0.000
χ² / ndf 0.000 / 0
Width 0.0000 ± 0.0000
Area 0.0 ± 0.0
MPV 14.07 ± 0.0e+00
Sigma 0.0000 ± 0.0

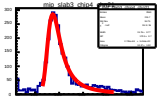

mip slab3 chip2 ch22
Entries 1024
Mean 0.000
Std Dev 0.000
χ² / ndf 0.000 / 0
Width 0.0000 ± 0.0000
Area 0.0 ± 0.0
MPV 14.07 ± 0.0e+00
Sigma 0.0000 ± 0.0

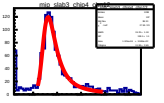

mip slab3 chip2 ch23
Entries 1024
Mean 0.000
Std Dev 0.000
χ² / ndf 0.000 / 0
Width 0.0000 ± 0.0000
Area 0.0 ± 0.0
MPV 14.07 ± 0.0e+00
Sigma 0.0000 ± 0.0

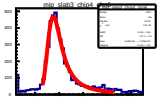

mip slab3 chip2 ch24
Entries 1024
Mean 0.000
Std Dev 0.000
χ² / ndf 0.000 / 0
Width 0.0000 ± 0.0000
Area 0.0 ± 0.0
MPV 14.07 ± 0.0e+00
Sigma 0.0000 ± 0.0

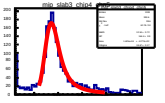

mip slab3 chip2 ch25
Entries 1024
Mean 102.9
Std Dev 33.17
χ² / ndf 12.56 / 3.3e
Width 0.0000 ± 0.0
Area 0.0 ± 0.0
MPV 0.0000 ± 0.0
Sigma 0.0000 ± 0.0

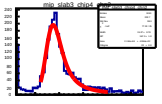

mip_slab3_chip4_chan0
Entries 1e+07
Mean 33.17
Std Dev 33.17
χ² / ndf 33.17 / 0
Width 12.50 ± 1.72
MPV 188.2 ± 1.5
Area 1.1e+06 ± 0.0
Sigma 17.64 ± 0.14

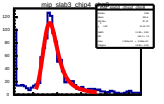

mip_slab3_chip4_chan1

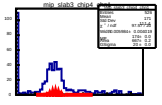

mip_slab3_chip4_chan2

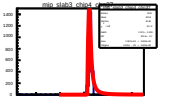

mip_slab3_chip4_chan3

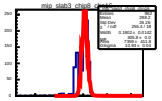

mip_slab3_chip4_chan4

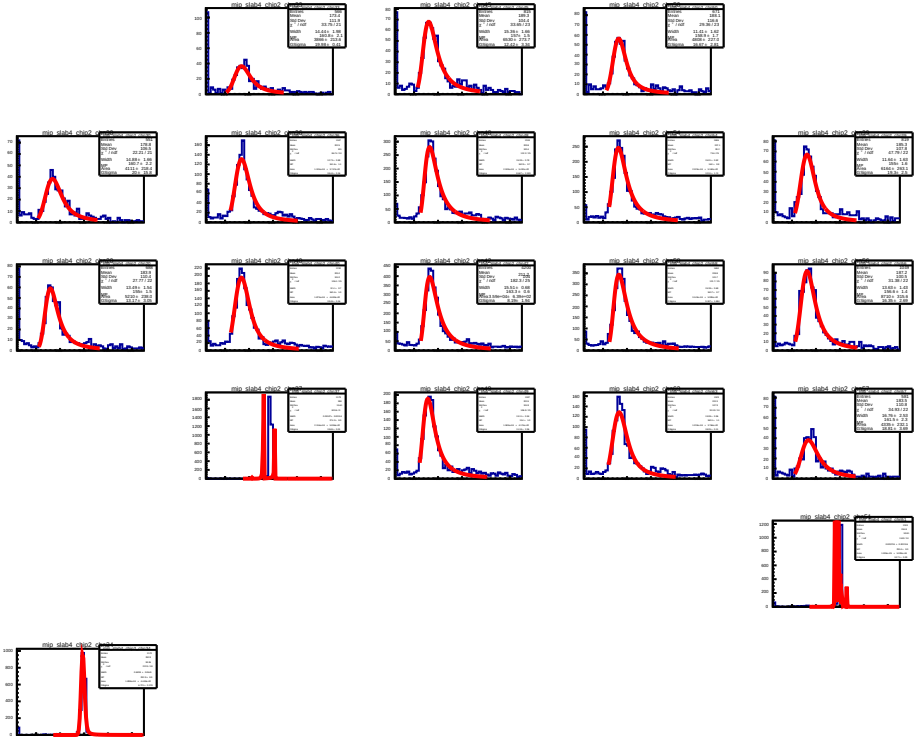

mip_slab3_chip4_chan5

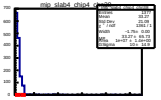

mip_slab3_chip4_chan6

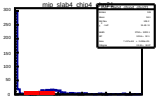

mip_slab3_chip4_chan7
Entries 1e+07
Mean 0.01
Std Dev 97.97
χ² / ndf 97.97 / 0
Number Underflows -0.0000E+00
MPV 1.00 ± 0.0
Area 1.0 ± 0.0
Sigma 0.0 ± 0.0

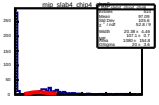

mip_slab3_chip4_chan8

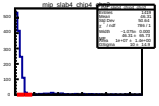

msp_slab3_chp8_c.hist
Entries 1000
Mean 259.2
RMS 29.26
χ² / ndf 258.2 / 19
Width 0.1863 ± 0.0142
Area 1000 ± 0.0
Mean 259.1 ± 0.5
Sigma 14.44 ± 0.34
250
200
150
100
50
0

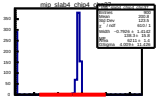


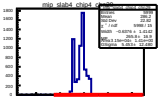

mip_slab4_chip4_chan5

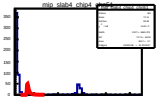

mip_slab4_chip4_chan2

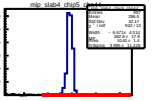

mip_slab4_chip4_chan1

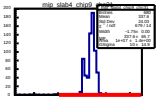

mip_slab4_chip4_chan3

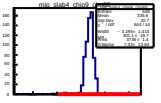

mip_slab4_chip4_chan0

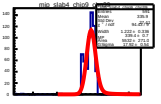

mip_slab4_chip4_chan20

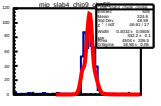

mip_slab4_chip4_chan21


mip slab4 chip5 chan4
Entries 2864
Mean 2.04
Std Dev 0.22
Underflow 0.000 ± 0.000
Overflow 0.000 ± 0.000
300
250
200
150
100
50
0


mip_slab4_chip2_ch24
Entries 2000
Mean 24.12
Std Dev 22.02
χ / ndf 6.79 / 12
p0 0.79± 0.02
Mean 24.00 ± 0.00
Sigma 14.477 ± 0.000
Chisq 24.1 ± 0.0


mip_slab4_chip2_ch25
Entries 2000
Mean 33.8
Std Dev 22.7
χ / ndf 64.7 / 11
p0 -1.199± 1.412
Mean 30.1 ± 0.1
Sigma 2.000 ± 0.000
Chisq 2.0 ± 0.0


mip_slab4_chip2_ch26
Entries 2000
Mean 33.8
Std Dev 22.7
χ / ndf 42.8 / 9
p0 1.225± 0.928
Mean 28.0 ± 0.1
Sigma 3.000 ± 0.000
Chisq 3.0 ± 0.0


mip_slab4_chip2_ch27
Entries 2000
Mean 33.8
Std Dev 22.7
χ / ndf 39.61 / 7
p0 0.6016± 0.9905
Mean 26.00 ± 0.00
Sigma 3.000 ± 0.000
Chisq 3.0 ± 0.0