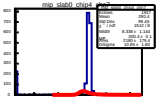
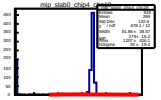
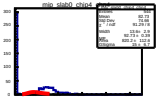
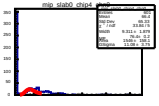
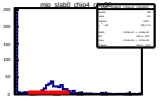
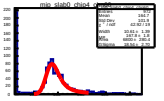

mip_slab0_chip4_chan0
Entries 2014
Mean 98.76
Std Dev 19.52
χ² / ndf 19.57 / 9
Width 9.384 ± 1.143
Mean 98.76 ± 0.43
MPV 2.651 ± 0.42
Integral 93.84 ± 3.4

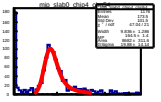

mip_slab0_chip4_chan5
Entries 2014
Mean 137.4
Std Dev 6.79 / 12
χ² / ndf 12
Width 31.89 ± 38.97
Mean 137.4 ± 0.4
MPV 1.077 ± 0.5
Integral 27 ± 0.4

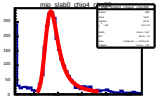

mip_slab0_chip4_chan1
Entries 60.77
Mean 73.48
Std Dev 91.29 / 8
χ² / ndf
Width 15.95 ± 2.8
Mean 73.48 ± 0.8
MPV 60.2 ± 1.0
Integral 21 ± 1

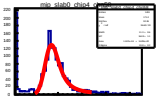

mip_slab0_chip4_chan2
Entries 30.2
Mean 50.6
Std Dev 33.85 / 6
χ² / ndf
Width 9.311 ± 1.879
Mean 50.6 ± 0.6
MPV 13.69 ± 3.6
Integral 13.58 ± 0.5

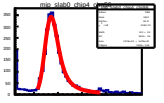

mip_slab0_chip4_chan3

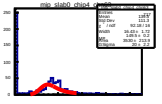

mip_slab0_chip4_chan4
Entries 2417
Mean 241.7
Std Dev 22.82 / 6
χ² / ndf
Width 10.61 ± 1.35
Mean 241.7 ± 0.7
MPV 10.61 ± 0.5
Integral 10.61 ± 0.5

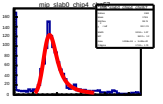

mip_slab0_chip4_chan6
Entries 1416
Mean 151.5
Std Dev 17.17 / 11
χ² / ndf
Width 9.436 ± 1.239
Mean 151.5 ± 1.2
MPV 99.60 ± 3.0
Integral 11.79 ± 1.1

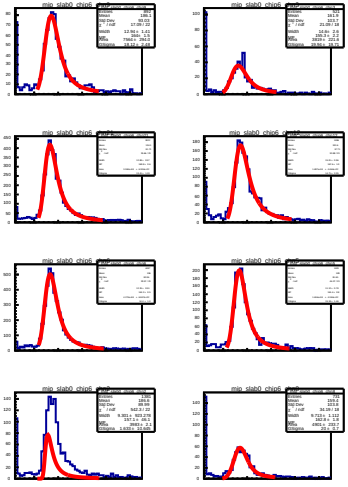

mip_slab0_chip4_chan7

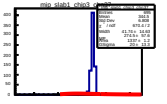

mip_slab0_chip4_chan8

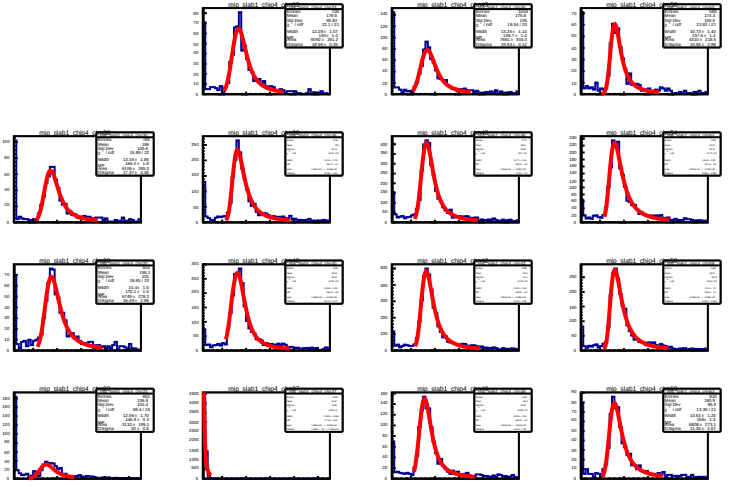

mip_slab0_chip4_chan9

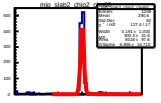

mip_slab0_chip4_chan10
Entries 1.07
Mean 1.07
Std Dev 90.18 / 16
χ² / ndf
Width 19.43 ± 1.72
Mean 1.07 ± 1.2
MPV 30.08 ± 2.2
Integral 21.5 ± 1.1

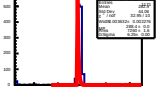

mip_slab0_chip4_chan11

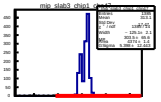

mip_slab0_chip6_chan2
mip_slab0_chip6_chan3
mip_slab0_chip6_chan4
mip_slab0_chip6_chan5
mip_slab0_chip6_chan6
mip_slab0_chip6_chan7
mip_slab0_chip6_chan8
mip_slab0_chip6_chan9

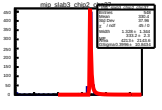

mip_slab1_chn3_cut3
Entries 1000
Mean 59.8
RMS 19.6
Int Const 670.6 ± 7
Mean 61.79 ± 14.68
Sigma 27.24 ± 97.8
MPV 59.8 ± 0.6
Sigma 19.6 ± 1.2
400
350
300
250
200
150
100
50
0

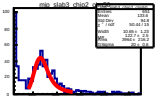


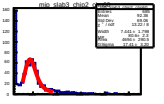

map slab2 chi2 cleaned
Entries 2000
Mean 292.8
Std Dev 127.4
Width 0.155 ± 1.000
Area 300.0 ± 30.0
Mean 0.8664 ± 0.0224
Sigma 0.8664 ± 0.0224

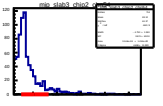

map slab2 chi2 cleaned
Entries 14818
Mean 2838
Std Dev 32.85 ± 0.0
Width 0.0133 ± 0.0133
Area 7000 ± 0.0
Mean 7000 ± 1.0
Sigma 0.250 ± 0.0

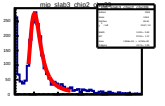

mip_slab3_chip1_chan25
Entries 3000
Mean 3.03
Std Dev 0.1
χ² / ndf 2.08 / 3
Width 0.25 ± 0.4
Mean 3.03 ± 0.1
Sigma 0.09 ± 0.3
Integral 3.00 ± 0.0

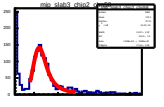

mip_slab3_chip2_ch15
Entries 1000
Mean 319.8
Std Dev 35.78
χ² / ndf 50.41 / 14
Width 0.328 ± 1.558
319.2 ± 2.8
MPV 4.7 ± 0.0
Integral 3993 ± 31.6
Chi2Prob 0.0000

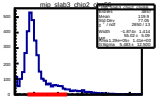

mip_slab3_chip2_ch0
Entries 1000
Mean 133.8
Std Dev 50.14
χ² / ndf 50.41 / 14
Width 10.85 ± 1.20
120.7 ± 1.5
MPV 4.7 ± 0.0
Integral 3993 ± 31.6
Chi2Prob 0.0000

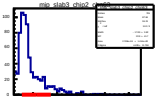

mip_slab3_chip2_ch1
Entries 1000
Mean 93.38
Std Dev 13.57
χ² / ndf 13.57 / 9
Width 7.441 ± 1.798
89.04 ± 1.1
MPV 4.7 ± 0.0
Integral 3993 ± 31.6
Chi2Prob 0.1400

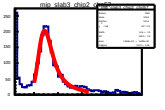

mip_slab3_chip2_ch2
Entries 1000
Mean nan
Std Dev nan
χ² / ndf nan
Width nan
MPV 4.7 ± 0.0
Integral 3993 ± 31.6
Chi2Prob 1.0000

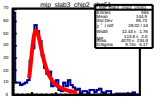

mip_slab3_chip2_ch3
Entries nan
Mean nan
Std Dev nan
χ² / ndf nan
Width nan
MPV 4.7 ± 0.0
Integral 3993 ± 31.6
Chi2Prob 1.0000

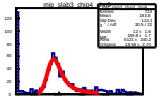

mip_slab3_chip2_ch4
Entries nan
Mean nan
Std Dev nan
χ² / ndf nan
Width nan
MPV 4.7 ± 0.0
Integral 3993 ± 31.6
Chi2Prob 1.0000

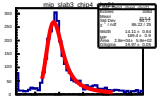

mip_slab3_chip2_ch5
Entries 1000
Mean 77.64
Std Dev 17.14
χ² / ndf 28482 / 13
Width -0.9710 ± 0.410
56.13 ± 0.3
MPV 1.29e+06 ± 1.07e+06
Integral 4.391 ± 11.04

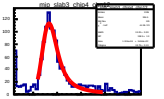

mip_slab3_chip2_ch6
Entries nan
Mean nan
Std Dev nan
χ² / ndf nan
Width nan
MPV 4.7 ± 0.0
Integral 3993 ± 31.6
Chi2Prob 1.0000

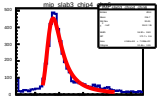

mip_slab3_chip2_ch7
Entries nan
Mean nan
Std Dev nan
χ² / ndf nan
Width nan
MPV 4.7 ± 0.0
Integral 3993 ± 31.6
Chi2Prob 1.0000

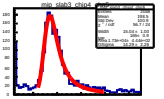

mip_slab3_chip2_ch8
Entries 1000
Mean 140.2
Std Dev 55.73
χ² / ndf 12.41 / 14
Width 12.41 ± 1.76
132.6 ± 2.0
MPV 4.7 ± 0.0
Integral 3993 ± 31.6
Chi2Prob 0.5700

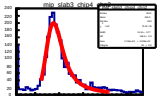

mip_slab3_chip4_chan0

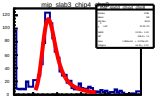

mip_slab3_chip4_chan1

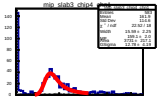

mip_slab3_chip4_chan2

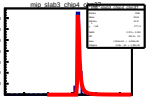

mip_slab3_chip4_chan3

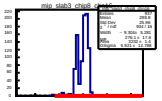

mip_slab3_chip4_chan4

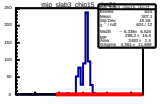

mip_slab3_chip4_chan5

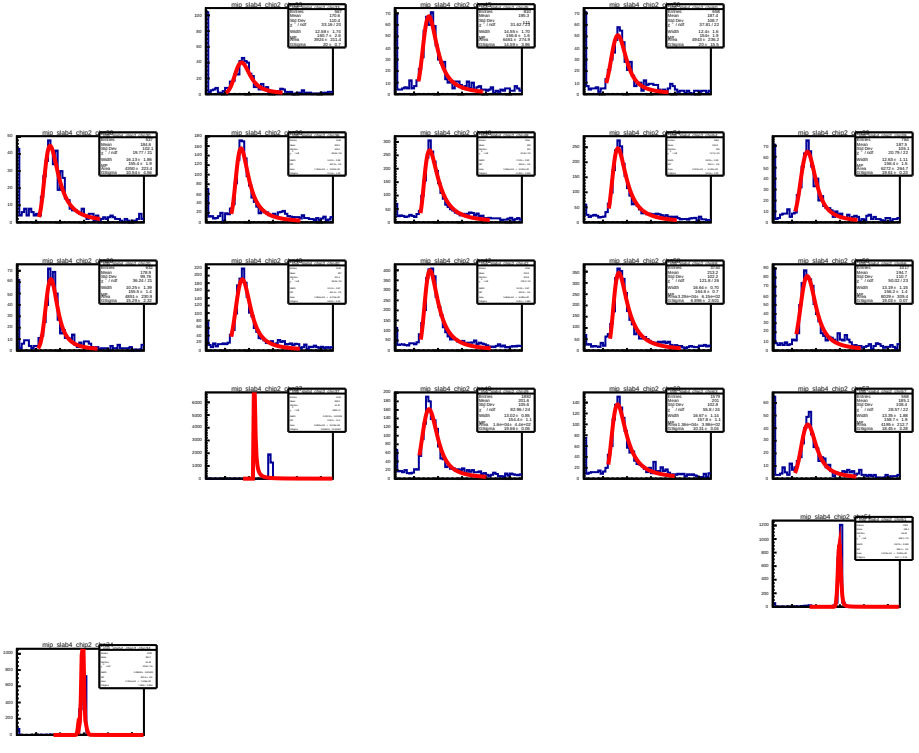

mip_slab3_chip4_chan6

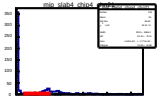

mip_slab3_chip4_chan7

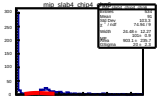

mip_slab3_chip4_chan8

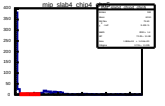

msp slab3 chip8 strip5
Entries 1 Mean
Mean 294.0
RMS 25.96
Underflow 0
Overflow 0
Integral 5317.0
Skewness -0.7816 ± 0.2661
Kurtosis 0.7000 ± 0.5
Chi2 7632 / 5
Prob 0.0000
Constant 5.0000 ± 22.360
220
200
180
160
140
120
100
80
60
40
20
0

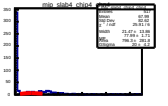

msb slab3 chip15
Entries 1024
Mean 0.1
Std Dev 2.04
Underflow 0
Overflow 0
Integral 1024
Mean x 0.1391 ± 0.0
Mean y 2102.2 ± 0.0
RMS x 0.6021 ± 0.0
RMS y 1.9171 ± 0.0
250
200
150
100
50
0

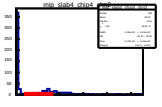


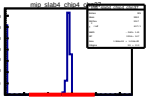

mip_slab4_chip4_chan0
Entries 14
Mean 10.43
Std Dev 18.31
χ² / ndf 0 / 0
Prob 0
Constant 1.000 ± 0.000
Mean 10.43 ± 4.73
Sigma 18.31 ± 3.34

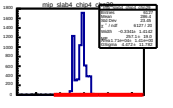

mip_slab4_chip4_chan1
Entries 1 000
Mean 33.22
Std Dev 74.56 ± 0
χ² / ndf 0 / 0
Prob 0
Constant 1.000 ± 0.000
Mean 33.22 ± 2.36
Sigma 74.56 ± 1.67

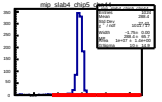

mip_slab4_chip4_chan2
Entries 1 000
Mean 1.000
Std Dev 0.000
χ² / ndf 0 / 0
Prob 0
Constant 1.000 ± 0.000
Mean 1.000 ± 0.000
Sigma 0.000 ± 0.000

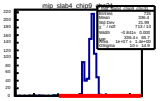

mip_slab4_chip4_chan3
Entries 1 000
Mean 32.94
Std Dev 25.91
χ² / ndf 0 / 0
Prob 0
Constant 1.000 ± 0.000
Mean 32.94 ± 1.82
Sigma 25.91 ± 1.29

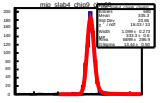

mip_slab4_chip4_chan4
Entries 1 000
Mean 1.000
Std Dev 0.000
χ² / ndf 0 / 0
Prob 0
Constant 1.000 ± 0.000
Mean 1.000 ± 0.000
Sigma 0.000 ± 0.000

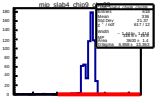

mip_slab4_chip4_chan5
Entries 1 000
Mean 1.000
Std Dev 0.000
χ² / ndf 0 / 0
Prob 0
Constant 1.000 ± 0.000
Mean 1.000 ± 0.000
Sigma 0.000 ± 0.000

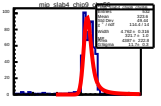

mip_slab4_chip4_chan6
Entries 1 000
Mean 29.17
Std Dev 23.06
χ² / ndf 0 / 0
Prob 0
Constant −0.3316 ± 1.6145
Mean 29.17 ± 10.6
Sigma 23.06 ± 7.49
Integral 1.000 ± 0.000


mip slab4 chip5 channel
Entries 1024
Mean 200.8
RMS 10.27
Underflow 0
Overflow 0
Integral 1024
Skewness -0.7511 ± 0.1002
Kurtosis 14.4127 ± 0.2004
Chi2 / ndf 1.1e+02 / 1
Constant 1.0 ± 0.0
Mean 200.0 ± 0.3
Sigma 1.0 ± 0.3
350
300
250
200
150
100
50
0


mip_slab4_chip2_ch24
Entries 1 Total
Mean 266.2
Std Dev 25.98
χ / ndf 737 / 19
Prob 0
Const 0.0012 ± 0.000
Mean 14.4277 ± 0.0000
Sigma 14.4277 ± 0.0000
Events 241 ± 0.0


mip_slab4_chip2_ch25
Entries 1 Total
Mean 316.9
Std Dev 16.22
χ / ndf 11.22 / 11
Prob 0.4218
Const 1.0000 ± 0.0000
Mean 316.9 ± 0.0
Sigma 16.22 ± 0.0
Events 11.0 ± 0.0


mip_slab4_chip2_ch26
Entries 1 Total
Mean 138
Std Dev 17.12
χ / ndf 617 / 12
Prob 0
Const 1.0000 ± 0.0000
Mean 138 ± 0.0
Sigma 17.12 ± 0.0
Events 12.0 ± 0.0


mip_slab4_chip2_ch27
Entries 1 Total
Mean 215.9
Std Dev 19.12
χ / ndf 116 / 11
Prob 0
Const 0.7500 ± 0.0000
Mean 215.9 ± 0.0
Sigma 19.12 ± 0.0
Events 11.0 ± 0.0