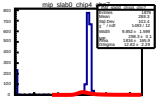
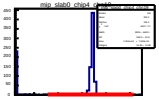
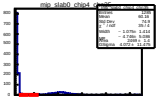
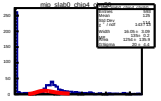
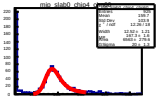
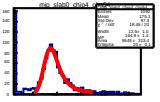

mip_slab0_chip4_chip5
Entries 2812
Mean 1017.2
Std Dev 1083.12
χ² / ndf 1.e+06
Width 9.3824 ± 1.928
Mean 1.0000 ± 0.0000
MPV 1.0000 ± 0.0000
Integral 13.87 ± 1.1

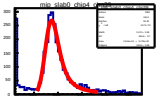

mip_slab0_chip4_chip5
Entries 2812
Mean 1017.2
Std Dev 1083.12
χ² / ndf 1.e+06
Width 9.3824 ± 1.928
Mean 1.0000 ± 0.0000
MPV 1.0000 ± 0.0000
Integral 13.87 ± 1.1

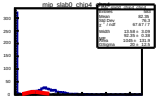

mip_slab0_chip4_chip5
Entries 2812
Mean 1017.2
Std Dev 1083.12
χ² / ndf 1.e+06
Width 9.3824 ± 1.928
Mean 1.0000 ± 0.0000
MPV 1.0000 ± 0.0000
Integral 13.87 ± 1.1

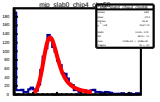

mip_slab0_chip4_chip5
Entries 126
Mean 1.0000
Std Dev 1.0000
χ² / ndf 1.e+06
Width 26.09 ± 9.09
Mean 1.0000 ± 0.0000
MPV 1.0000 ± 0.0000
Integral 26.09 ± 9.09

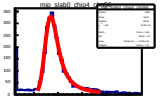

mip_slab0_chip4_chip5
Entries 156.7
Mean 1.0000
Std Dev 1.0000
χ² / ndf 1.e+06
Width 12.52 ± 1.21
Mean 1.0000 ± 0.0000
MPV 1.0000 ± 0.0000
Integral 156.7 ± 12.5

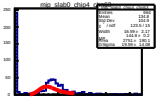

mip_slab0_chip4_chip5
Entries 175.1
Mean 1.0000
Std Dev 1.0000
χ² / ndf 1.e+06
Width 12.90 ± 1.0
Mean 1.0000 ± 0.0000
MPV 1.0000 ± 0.0000
Integral 175.1 ± 13.1

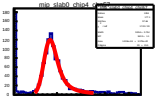

mip_slab0_chip4_chip5
Entries 1.0000
Mean 1.0000
Std Dev 1.0000
χ² / ndf 1.e+06
Width 1.0000 ± 1.0000
Mean 1.0000 ± 0.0000
MPV 1.0000 ± 0.0000
Integral 1.0000 ± 1.0000

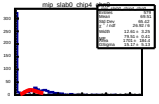

mip_slab0_chip4_chip5
Entries 90.39
Mean 1.0000
Std Dev 1.0000
χ² / ndf 87.87 / 7
Width 12.98 ± 3.08
Mean 1.0000 ± 0.0000
MPV 1.0000 ± 1.0000
Integral 90.39 ± 12.1

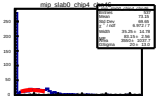

mip_slab0_chip4_chip5
Entries 1.0000
Mean 1.0000
Std Dev 1.0000
χ² / ndf 1.e+06
Width 1.0000 ± 1.0000
Mean 1.0000 ± 0.0000
MPV 1.0000 ± 0.0000
Integral 1.0000 ± 1.0000

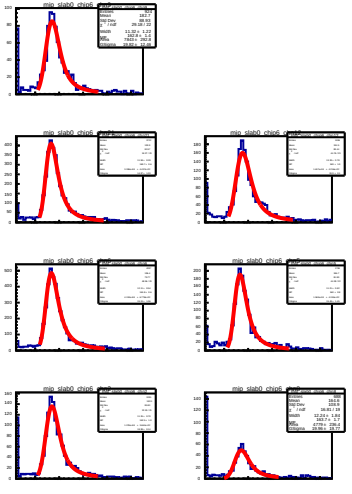

mip_slab0_chip4_chip5
Entries 1.0000
Mean 1.0000
Std Dev 1.0000
χ² / ndf 1.e+06
Width 1.0000 ± 1.0000
Mean 1.0000 ± 0.0000
MPV 1.0000 ± 0.0000
Integral 1.0000 ± 1.0000

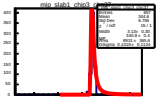

mip_slab0_chip4_chip5
Entries 1.0000
Mean 1.0000
Std Dev 1.0000
χ² / ndf 1.e+06
Width 1.0000 ± 1.0000
Mean 1.0000 ± 0.0000
MPV 1.0000 ± 0.0000
Integral 1.0000 ± 1.0000

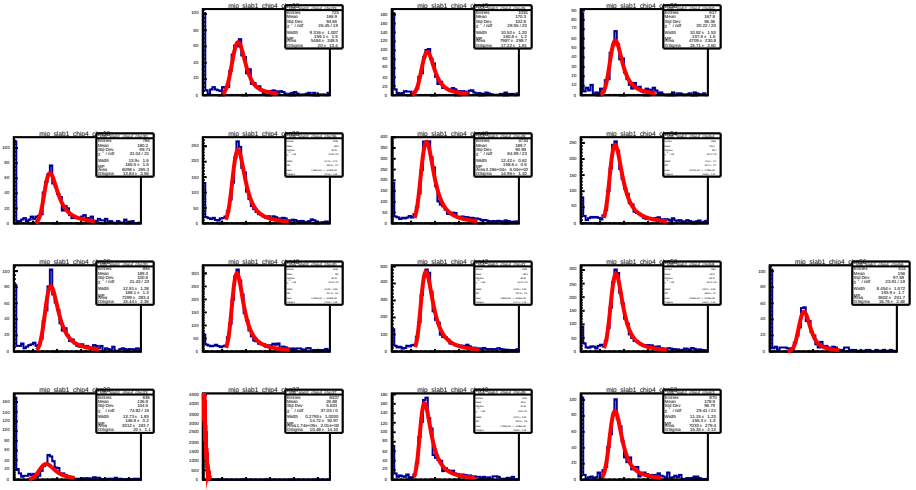

mip_slab0_chip4_chip5
Entries 1.0000
Mean 1.0000
Std Dev 1.0000
χ² / ndf 1.e+06
Width 1.0000 ± 1.0000
Mean 1.0000 ± 0.0000
MPV 1.0000 ± 0.0000
Integral 1.0000 ± 1.0000


mip_slab0_chip4_chip5
Entries 1812
Mean 99.62
Std Dev 29.55 / 16
χ² / ndf
Width 12.65 ± 3.25
Mean 1.0000 ± 0.0000
MPV 1.0000 ± 0.0000
Integral 13.87 ± 1.1


mip_slab0_chip4_chip5
Entries 1000
Mean 73.16
Std Dev 6.972 / 7
χ² / ndf
Width 35.26 ± 14.79
Mean 1.0000 ± 0.0000
MPV 1000.0 ± 0.0000
Integral 25 ± 0.0


mip_slab0_chip6_chan0
Entries 1000
Mean 182.7
Std Dev 29.28
χ² / ndf 29.28 / 10
Width 11.30 ± 1.22
MPV 182.8 ± 1.1
Area 1000 ± 0.0
Sigma 19.61 ± 0.8
mip_slab0_chip6_chan1
mip_slab0_chip6_chan2
mip_slab0_chip6_chan3
mip_slab0_chip6_chan4
mip_slab0_chip6_chan5
mip_slab0_chip6_chan6
mip_slab0_chip6_chan7
Entries 1000
Mean 182.7
Std Dev 29.28
χ² / ndf 38.81 / 8
Width 12.21 ± 3.91
MPV 182.4 ± 5.2
Area 1000 ± 0.0
Sigma 19.61 ± 19.6


mip_slab1_chip3_c_mip
Entries 10000
Mean 0.3139 ± 0.0
Std Dev 0.3011 ± 0.0
Underflow 0
Overflow 0
Integral 10000
Skewness 0.8331 ± 0.0118
400
350
300
250
200
150
100
50
0


mio slab1 chip4 ch0
mio slab1 chip4 ch1
mio slab1 chip4 ch2
mio slab1 chip4 ch3
mio slab1 chip4 ch4
mio slab1 chip4 ch5
mio slab1 chip4 ch6
mio slab1 chip4 ch7
mio slab1 chip4 ch8
mio slab1 chip4 ch9
mio slab1 chip4 ch10
mio slab1 chip4 ch11
mio slab1 chip4 ch12
mio slab1 chip4 ch13
mio slab1 chip4 ch14
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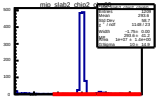
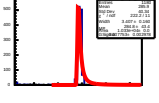
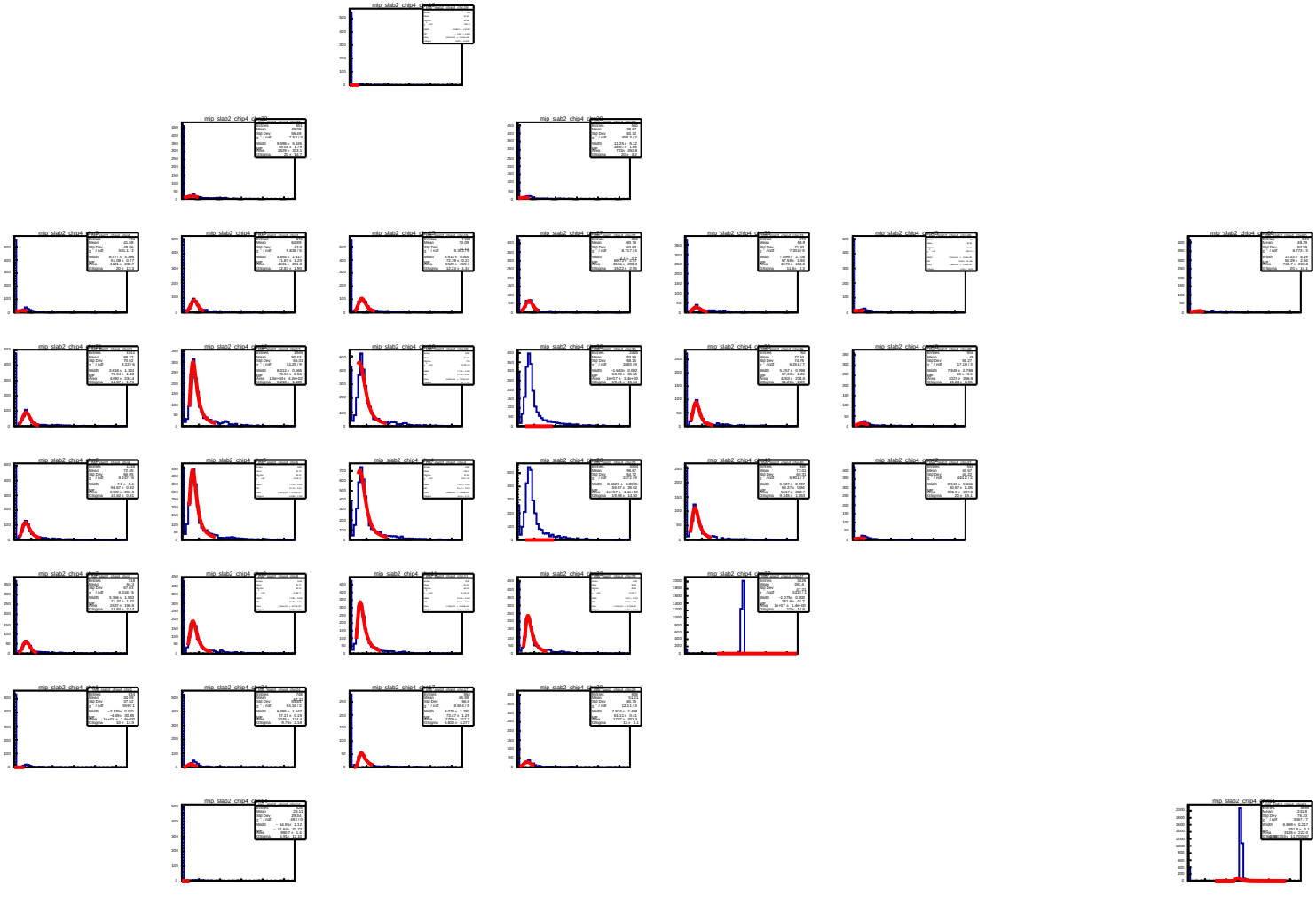
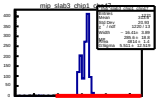
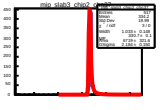
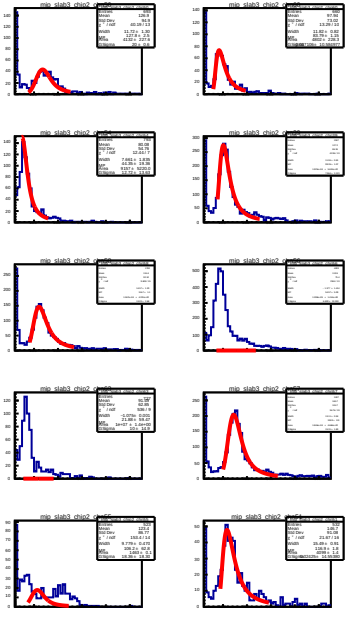

map_slab2_chip2_charge
Entries 1000
Mean 292.8
Std Dev 11.06
Width -1.7fm 0.0D
Skew 2.7e+02 0.0D
Kurt 1.4e+07 0.0D
Underflow 0.0 Overflow 0.0
500
400
300
200
100
0

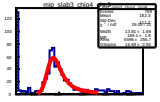

map_slab2_chip2_charge
Entries 1000
Mean 283.8
Std Dev 20.16
χ² / ndf 222.2 / 11
Width 3.107± 0.160
Skew 1.1e+02 0.0D
Kurt 1.6E+04± 0.0
Underflow 0.0 Overflow 0.0
500
400
300
200
100
0

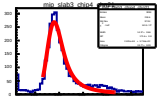


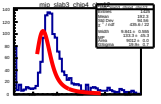

mip_slab3_chip1_chan25
Entries 1000
Mean 25.05
Std Dev 2.051
χ² / ndf 35.01 / 3.96
Width 34.01± 3.06
Mean 25.01± 0.06
MPV 24.11± 0.11
Sigma 5.411± 0.114

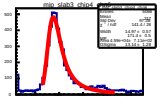

mip slab3 chip2 ch15
Entries 1312
Mean 13.42
Std Dev 3.16
χ² / ndf 1.9 / 6
Width 0.0335 ± 0.148
Mean 7.994 ± 0.1
Area 1.2e+3 ± 0.1
Sigma 2.166 ± 0.08

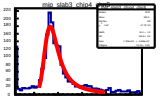

mip slab3 chip2 ch0
Entries 1250
Mean 130.8
Std Dev 40.13
χ² / ndf 11.3 / 3
Width 11.72 ± 1.30
Mean 127.4 ± 1.5
Area 6.12e+3 ± 1.1
Sigma 40.13 ± 0.7
mip slab3 chip2 ch1
Entries 1250
Mean 87.92
Std Dev 11.26
χ² / ndf 11.26 / 12
Width 11.62 ± 0.82
Mean 85.77 ± 0.5
Area 4.6e+3 ± 0.9
Sigma 11.26 ± 0.4
mip slab3 chip2 ch2
Entries 1250
Mean 60.08
Std Dev 13.75
χ² / ndf 12.75 / 7
Width 7.651 ± 1.278
Mean 61.55 ± 1.56
Area 9.67e+3 ± 50.61
Sigma 13.75 ± 0.8
mip slab3 chip2 ch3
Entries 1250
Mean 71.4
Std Dev 12.7
χ² / ndf 12.7 / 7
Width 11.29 ± 0.8
Mean 71.4 ± 0.5
Area 4.6e+3 ± 0.9
Sigma 12.7 ± 0.4
mip slab3 chip2 ch4
Entries 1250
Mean 50.08
Std Dev 9.08
χ² / ndf 9.08 / 7
Width 6.07e+3 ± 0.01
Mean 21.88 ± 0.47
Area 1.2e+3 ± 0.1
Sigma 9.08 ± 0.3
mip slab3 chip2 ch5
Entries 1250
Mean 50.08
Std Dev 9.08
χ² / ndf 9.08 / 7
Width 6.07e+3 ± 0.01
Mean 21.88 ± 0.47
Area 1.2e+3 ± 0.1
Sigma 9.08 ± 0.3
mip slab3 chip2 ch6
Entries 1250
Mean 50.08
Std Dev 9.08
χ² / ndf 9.08 / 7
Width 6.07e+3 ± 0.01
Mean 21.88 ± 0.47
Area 1.2e+3 ± 0.1
Sigma 9.08 ± 0.3
mip slab3 chip2 ch7
Entries 1250
Mean 50.08
Std Dev 9.08
χ² / ndf 9.08 / 7
Width 6.07e+3 ± 0.01
Mean 21.88 ± 0.47
Area 1.2e+3 ± 0.1
Sigma 9.08 ± 0.3
mip slab3 chip2 ch8
Entries 1250
Mean 22.12
Std Dev 8.77
χ² / ndf 1918 / 7
Width 1.779e+3 ± 0.03
Mean 106.2 ± 0.8
Area 1.2e+3 ± 0.1
Sigma 8.77 ± 0.3
mip slab3 chip2 ch9
Entries 1250
Mean 130.8
Std Dev 61.08
χ² / ndf 61.08 / 7
Width 15.85 ± 2.15
Mean 119.9 ± 1.8
Area 1.2e+3 ± 0.1
Sigma 61.08 ± 0.6

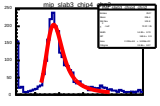

mip_slab3_chip4_chan0
Entries 164
Mean 163.3
Std Dev 7.1
χ² / ndf 26.87 / 8
Width 13.81 ± 1.66
MPV 169.1 ± 0.5
Area 1.1e+04 ± 0.1
Chi2prob 18.68 ± 0.4

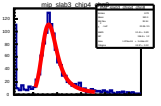

mip_slab3_chip4_chan1
Entries 164
Mean 163.3
Std Dev 7.1
χ² / ndf 220.9 / 8
Width 9.814 ± 0.365
MPV 153.5 ± 0.3
Area 9924 ± 0.2
Chi2prob 0.0 ± 0

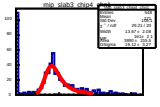

mip_slab3_chip4_chan2
Entries 164
Mean 163.3
Std Dev 7.1
χ² / ndf 220.9 / 8
Width 9.814 ± 0.365
MPV 153.5 ± 0.3
Area 9924 ± 0.2
Chi2prob 0.0 ± 0

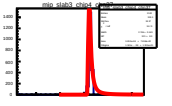

mip_slab3_chip4_chan3
Entries 164
Mean 163.3
Std Dev 7.1
χ² / ndf 141.6 / 39
Width 12.87 ± 0.57
MPV 179.1 ± 0.3
Area 1.1e+04 ± 0.1
Chi2prob 11.11 ± 0.6

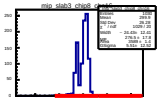

mip_slab3_chip4_chan4
Entries 164
Mean 163.3
Std Dev 7.1
χ² / ndf 37.4 / 8
Width 12.87 ± 0.57
MPV 179.1 ± 0.3
Area 1.1e+04 ± 0.1
Chi2prob 11.11 ± 0.6

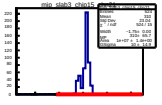

mip_slab3_chip4_chan5
Entries 164
Mean 163.3
Std Dev 7.1
χ² / ndf 1.6e+04 / 8
Width 13.87 ± 0.57
MPV 179.1 ± 0.3
Area 1.1e+04 ± 0.1
Chi2prob 0.0 ± 0

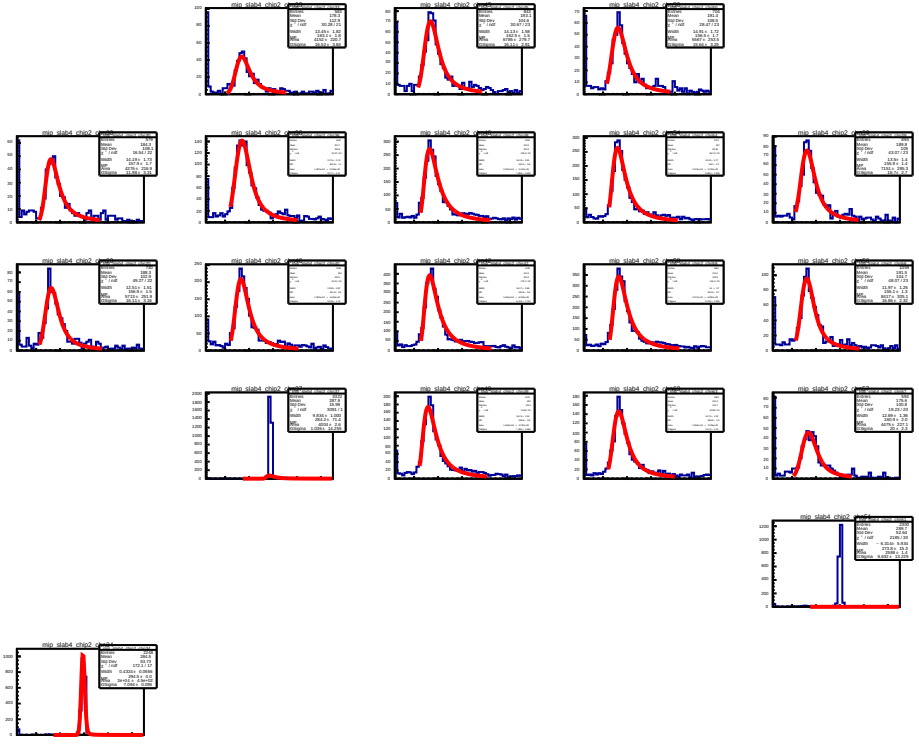

mip_slab3_chip4_chan6
Entries 164
Mean 163.3
Std Dev 7.1
χ² / ndf 1.6e+04 / 8
Width 13.87 ± 0.57
MPV 179.1 ± 0.3
Area 1.1e+04 ± 0.1
Chi2prob 0.0 ± 0

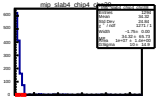

mip_slab3_chip4_chan7
Entries 164
Mean 163.3
Std Dev 7.1
χ² / ndf 29.17 / 8
Width 13.87 ± 2.08
MPV 153.2 ± 2.4
Area 1.1e+04 ± 0.1
Chi2prob 18.14 ± 0.5

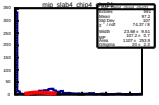

mip_slab3_chip4_chan8
Entries 164
Mean 163.3
Std Dev 7.1
χ² / ndf 1.6e+04 / 8
Width 13.87 ± 0.57
MPV 179.1 ± 0.3
Area 1.1e+04 ± 0.1
Chi2prob 0.0 ± 0

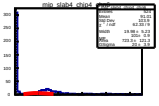

msp_slab3_chip8_chan5
Entries 1000
Mean 26.12
Std Dev 26.28
χ² / ndf 1020 / 21
Mean - 26.636 ± 12.65
Sigma 2.000 ± 1.0
Mean - 3.000 ± 1.0
Sigma 0.551 ± 0.55
250
200
150
100
50
0

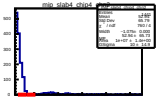

msp slab3 chip15 [ch=15]
Entries 1024
Mean 23.02
Std Dev 2.114
χ² / ndf 32 / 29
Peak -1.75e+03
Area 3224.9
Mean 14+07 ± 1.4e+03
Sigma 22 ± 2.1
0
20
40
60
80
100
120
140
160
180
200
220

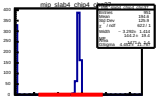


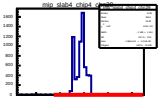

mip slab4 chip4 ch50

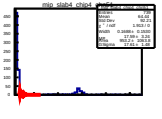

mip slab4 chip4 ch47

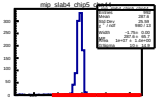

mip slab4 chip4 ch48

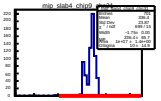

mip slab4 chip4 ch49

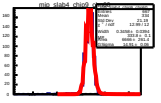

mip slab4 chip4 ch51

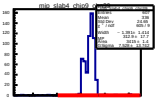

mip slab4 chip4 ch52

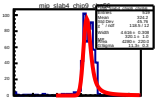

mip slab4 chip4 ch53


mip slab4 chip5 chan4
Entries 2000
Mean 287.8
Std Dev 9.01
χ / ndf 920 / 13
Prob 0.000
Constant 1.0 ± 0.0
Mean 287 ± 0.0
Sigma 1.4 ± 0.0
Integral 1.0 ± 0.0
300
250
200
150
100
50
0


mip_slab4_chip0_ch24
Entries 1 Total
Mean 286.0
Std Dev 23.87
χ / ndf 0.00 / 0
p0 0.0 ± 0.0
p1 0.00 ± 0.00
p2 14.47 ± 1.64e+03
Sigma 24.1 ± 2.1


mip_slab4_chip0_ch25
Entries 1 Total
Mean 216
Std Dev 12.80
χ / ndf 12.80 / 11
p0 0.3496 ± 0.0862
p1 -0.0 ± 0.0
p2 0.0 ± 0.0
Sigma 13.0 ± 0.8


mip_slab4_chip0_ch26
Entries 1 Total
Mean 216
Std Dev 24.05
χ / ndf 0.00 / 0
p0 -1.38e+1 ± 1.61e+1
p1 212.0 ± 17.7
p2 19.0 ± 1.5
Sigma 19.0 ± 1.5


mip_slab4_chip0_ch27
Entries 1 Total
Mean 216.2
Std Dev 25.12
χ / ndf 138.5 / 12
p0 0.0161 ± 0.0161
p1 0.0 ± 0.0
p2 -2.00e+1 ± 2.00e+1
Sigma 21.1 ± 1.7