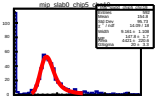
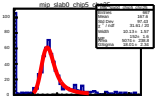
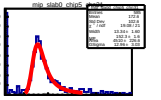
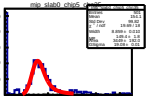
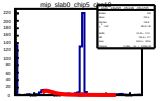
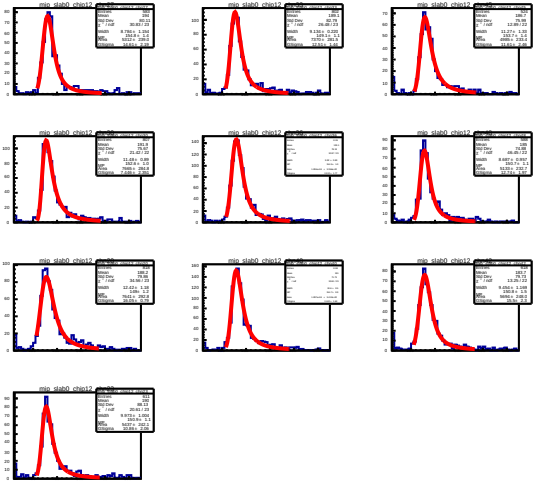

mip_slab0_chip5_chan0
Entries 244
Mean 39.12
Std Dev 16.71
χ² / ndf 14.97 / 19
Width 9.361 ± 1.328
MPV 34.01 ± 0.74
Area 1117 ± 120.6
Sigma 16.71 ± 2.3

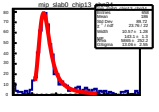

mip_slab0_chip5_chan2
Entries 147
Mean 37.18
Std Dev 21.61
χ² / ndf 21.61 / 25
Width 10.13 ± 1.3
MPV 32.01 ± 0.8
Area 923.5 ± 108.8
Sigma 19.07 ± 2.1

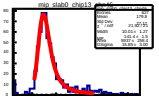

mip_slab0_chip5_chan4
Entries 332
Mean 19.08
Std Dev 19.08
χ² / ndf 19.08 / 21
Width 13.34 ± 1.40
MPV 22.41 ± 0.6
Area 1023 ± 126.6
Sigma 22.44 ± 2.0

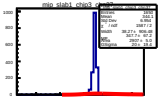

mip_slab0_chip5_chan6
Entries 203
Mean 39.02
Std Dev 19.80
χ² / ndf 19.80 / 14
Width 9.308 ± 0.12
MPV 34.01 ± 0.7
Area 1125 ± 142.7
Sigma 19.80 ± 1.8

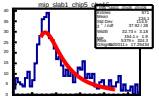

mip_slab0_chip5_chan8

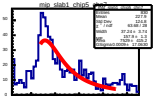

mip slab0 chip12
mip slab0 chip12
mip slab0 chip12
mip slab0 chip12
mip slab0 chip12
mip slab0 chip12
mip slab0 chip12
mip slab0 chip12
mip slab0 chip12
mip slab0 chip12

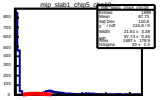

mip_slab0_chip13
Entries 256
Mean 19.72
Std Dev 3.79
χ² / ndf 23.76 / 12
Width 3.197 ± 1.28
Mean 19.72 ± 0.23
MPV 18.85 ± 0.27
Integral 15.00 ± 0.00

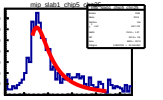

mip_slab0_chip13
Entries 270
Mean 21.07
Std Dev 3.55
χ² / ndf 21.07 / 15
Width 10.01 ± 1.27
Mean 21.07 ± 0.21
MPV 19.07 ± 0.00
Integral 15.00 ± 0.00

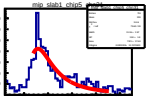

mip_slab1_chn3_cut3
Entries 1234
Mean 1.04
RMS 0.0
Underflow 0
Overflow 2987.2
Integral 35271.9
Skewness 1077.4
Kurtosis 2977.9
Integral 35271.9
1000
800
600
400
200
0

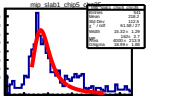

mip slab1 chip5 chan5
Entries 1514
Mean 37.92
Std Dev 13.14
χ / ndf 37.92 / 29
Width 33.73 ± 0.18
MPV 32.79 ± 0.14
Area 1279 ± 52.5
Landau(33.73 ± 0.18,32.79 ± 0.14,1279 ± 52.5)


mip slab1 chip5 chan6
Entries 1572
Mean 37.12
Std Dev 13.18
χ / ndf 33.88 / 29
Width 37.24 ± 0.17
MPV 32.84 ± 0.12
Area 1426 ± 45.5
Landau(37.24 ± 0.17,32.84 ± 0.12,1426 ± 45.5)

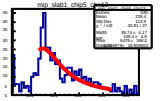

mip slab1 chip5 chan7
Entries 1597
Mean 27.77
Std Dev 13.16
χ / ndf 13.61 / 5
Width 25.61 ± 0.16
MPV 22.08 ± 0.12
Area 1687 ± 178.9
Landau(25.61 ± 0.16,22.08 ± 0.12,1687 ± 178.9)

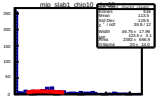

mip slab1 chip5 chan8
Entries 1
Mean 0
Std Dev 0
χ / ndf 0 / 0
Width 0 ± 0
MPV 0 ± 0
Area 0 ± 0
Landau(0 ± 0,0 ± 0,0 ± 0)

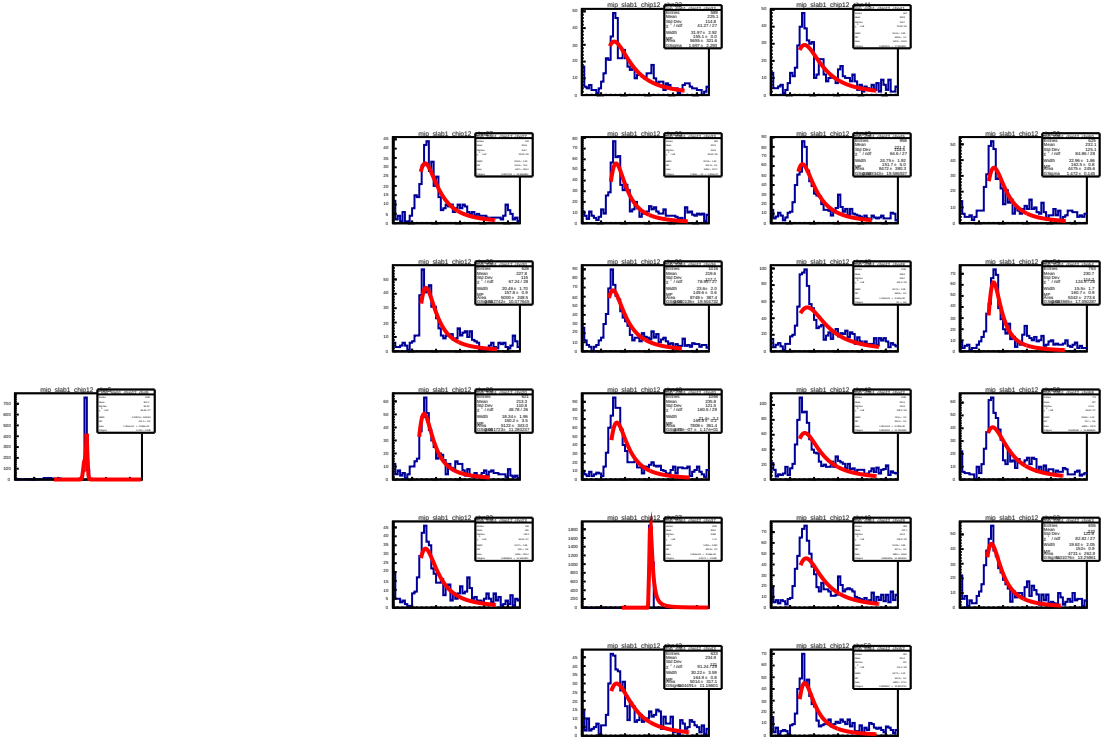

mip slab1 chip5 chan9
Entries 1
Mean 0
Std Dev 0
χ / ndf 0 / 0
Width 0 ± 0
MPV 0 ± 0
Area 0 ± 0
Landau(0 ± 0,0 ± 0,0 ± 0)

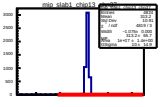

mip slab1 chip5 chan10
Entries 1
Mean 0
Std Dev 0
χ / ndf 0 / 0
Width 0 ± 0
MPV 0 ± 0
Area 0 ± 0
Landau(0 ± 0,0 ± 0,0 ± 0)

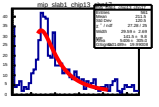

mip slab1 chip5 chan11
Entries 1567
Mean 33.12
Std Dev 13.21
χ / ndf 53.88 / 27
Width 35.30 ± 0.19
MPV 31.08 ± 0.14
Area 1600 ± 53.5
Landau(35.30 ± 0.19,31.08 ± 0.14,1600 ± 53.5)

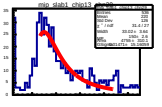

mip slab1 chip5 chan12
Entries 1597
Mean 210.8
Std Dev 60.81
χ / ndf 60.81 / 27
Width 38.74 ± 0.17
MPV 32.79 ± 0.12
Area 1279 ± 52.5
Landau(38.74 ± 0.17,32.79 ± 0.12,1279 ± 52.5)

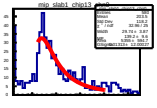

mag stahl chloro
Count 1000
Mean 113.9
Std Dev 19.875
Skew 0.6171
Width 49.751, 17.85
Min 103.9
Max 2004.1
Median 109.9
250
200
150
100
50
0

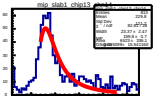

mip slab1 chip12 ch25
mip slab1 chip12 ch24
mip slab1 chip12 ch23
mip slab1 chip12 ch22
mip slab1 chip12 ch21
mip slab1 chip12 ch20
mip slab1 chip12 ch19
mip slab1 chip12 ch18
mip slab1 chip12 ch17
mip slab1 chip12 ch16
mip slab1 chip12 ch15
mip slab1 chip12 ch14
mip slab1 chip12 ch13
mip slab1 chip12 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

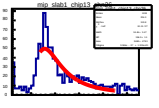

mip slab1 chip13 strip32
Entries 1024
Mean 713.4
Std Dev 49.93
χ² / ndf 4939 / 9
width 0.2750 ± 0.000
MPV 713.2 ± 98.7
Area 54.7 ± 1.0E+7
Sigma 47.1 ± 11.8

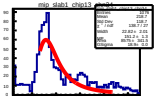

mip slab1 chip13 strip17
Entries 1024
Mean 251.7
Std Dev 120.6
χ² / ndf 27.12 / 7
width 29.93 ± 2.69
MPV 141.9 ± 9.6
Area 4750.0 ± 1.0E+5
Sigma 30.0 ± 2.0

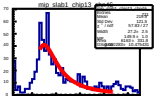

mip slab1 chip13 strip20
Entries 1024
Mean 252.7
Std Dev 116.9
χ² / ndf 25.4 / 7
width 33.02 ± 3.44
MPV 150.0 ± 2.6
Area 4750.0 ± 1.0E+5
Sigma 30.0 ± 0.0


mip slab1 chip13 strip8
Entries 1024
Mean 233.0
Std Dev 110.9
χ² / ndf 32.86 / 6
width 29.79 ± 3.87
MPV 141.9 ± 9.6
Area 4750.0 ± 1.0E+5
Sigma 30.0 ± 0.0

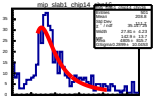

mip slab1 chip13 strip14
Entries 1024
Mean 237.0
Std Dev 117.1
χ² / ndf 92.47 / 6
width 29.37 ± 2.17
MPV 141.9 ± 9.6
Area 4750.0 ± 1.0E+5
Sigma 30.0 ± 0.0

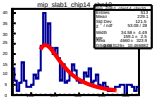

mip slab1 chip13 strip26
Entries 1024
Mean 251.7
Std Dev 120.6
χ² / ndf 27.12 / 7
width 29.93 ± 2.69
MPV 141.9 ± 9.6
Area 4750.0 ± 1.0E+5
Sigma 30.0 ± 2.0

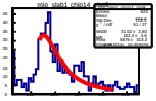

mip slab1 chip13 strip32
Entries 1024
Mean 252.7
Std Dev 116.9
χ² / ndf 25.4 / 7
width 33.02 ± 3.44
MPV 150.0 ± 2.6
Area 4750.0 ± 1.0E+5
Sigma 30.0 ± 0.0

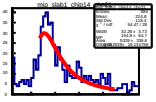

mip slab1 chip13 strip38
Entries 1024
Mean 268.0
Std Dev 118.7
χ² / ndf 138.7 / 7
width 32.83 ± 2.15
MPV 141.9 ± 9.6
Area 4750.0 ± 1.0E+5
Sigma 30.0 ± 0.0

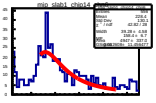

mip slab1 chip13 strip44
Entries 1024
Mean 268.0
Std Dev 117.1
χ² / ndf 57.17 / 7
width 27.31 ± 2.6
MPV 141.9 ± 9.6
Area 4750.0 ± 1.0E+5
Sigma 30.0 ± 0.0

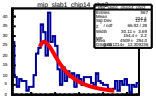

mip slab1 chip14 chan15
Entries 1000
Mean 39.52
Std Dev 15.17
χ² / ndf 35.17 / 19
Width 27.91 ± 0.23
Peak 1.000 ± 0.000
MPV 1684.4 ± 625.7
Total Charge (MeV) 42.0(0)

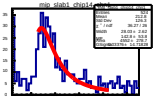

mip slab1 chip14 chan16
Entries 1000
Mean 33.1
Std Dev 22.6
χ² / ndf 53.87 / 18
Width 32.58 ± 0.29
Peak 1.000 ± 0.000
MPV 1689.4 ± 525.9
Total Charge (MeV) 35.0(0)


mip slab1 chip14 chan17
Entries 1000
Mean 39.4
Std Dev 22.8
χ² / ndf 51.17 / 17
Width 31.03 ± 2.80
Peak 1.000 ± 0.0
MPV 1302.6 ± 5.5
Total Charge (MeV) 32.0(0)

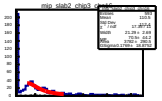

mip slab1 chip14 chan18
Entries 1000
Mean 33.8
Std Dev 23.4
χ² / ndf 54.47 / 19
Width 32.26 ± 2.29
Peak 1.000 ± 0.0
MPV 1439.1 ± 196.0
Total Charge (MeV) 32.0(0)

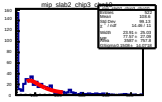

mip slab1 chip14 chan19
Entries 1000
Mean 37.4
Std Dev 23.1
χ² / ndf 42.82 / 20
Width 31.28 ± 4.59
Peak 1.000 ± 0.0
MPV 1647.1 ± 317.7
Total Charge (MeV) 32.0(0)

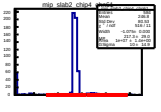

mip slab1 chip14 chan20
Entries 1000
Mean 33.4
Std Dev 22.8
χ² / ndf 66.62 / 20
Width 33.11 ± 3.19
Peak 1.000 ± 0.0
MPV 1584.4 ± 2.2
Total Charge (MeV) 32.0(0)

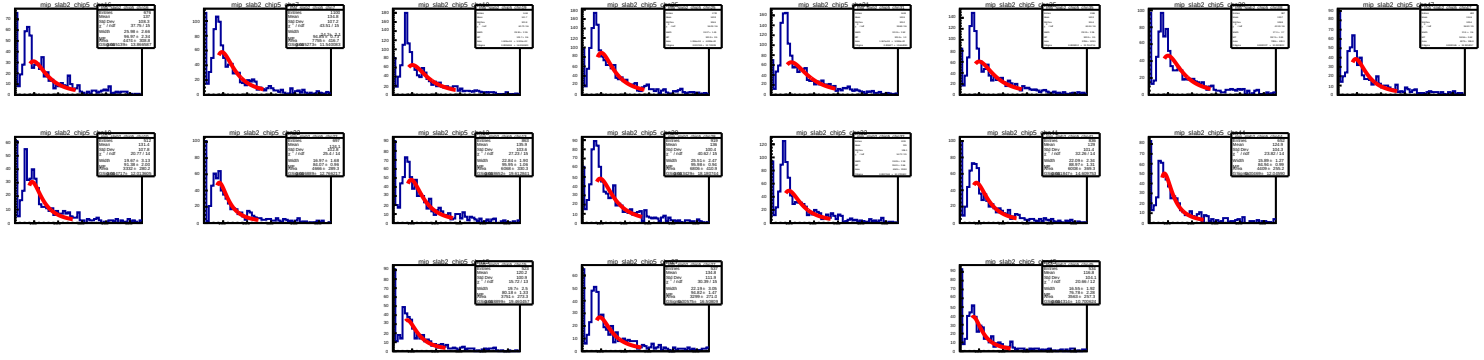

mip slab1 chip14 chan21
Entries 1000
Mean 35.7
Std Dev 19.5
χ² / ndf 36.12 / 19
Width 29.03 ± 3.63
Peak 1.000 ± 0.0
MPV 1432.6 ± 50.8
Total Charge (MeV) 32.0(0)

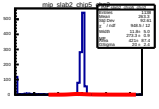
mip_slab1_chip15_dist16
Entries 1000
Mean 1.1
Std Dev 0.31
χ² / ndf 1009 / 15
Prob 0
Mean x 1.000
Mean y 0.9999
Std Dev x 0.0000
Std Dev y 0.0000
300
250
200
150
100
50
0

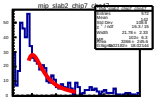

msp_slab2_chip3_ch14
Entries 1024
Mean 10.13
Std Dev 17.17
χ² / ndf 17.17 / 18
Amplitude 23.28 ± 2.63
Mean 10.13 ± 0.54
Sigma 2.782 ± 0.615
Amplitude 1/Mean 16.0703
0
20
40
60
80
100
120
140
160
180
200

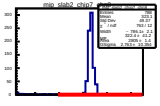

msp_slab2_chip3_ch15
Entries 1024
Mean 10.61
Std Dev 14.80
χ² / ndf 14.80 / 11
Amplitude 23.91 ± 25.00
Mean 10.61 ± 0.54
Sigma 2.607 ± 0.718
Amplitude 1/Mean 14.0135
0
20
40
60
80
100
120
140
160

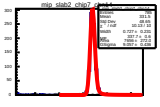

msp_slab2_crisp4_energy
Entries 2000
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
χ² / ndf 535.73
Width 0.375± 0.010
Mean 0.000± 0.000
Area N=(2 ± 1.4)*10
Sigma 0.0 ± 1.0

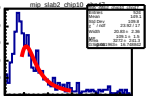

mip_slab2_chip5_chan5
mip_slab2_chip5_chan6
mip_slab2_chip5_chan7
mip_slab2_chip5_chan8
mip_slab2_chip5_chan9
mip_slab2_chip5_chan10
mip_slab2_chip5_chan11
mip_slab2_chip5_chan12
mip_slab2_chip5_chan13
mip_slab2_chip5_chan14
mip_slab2_chip5_chan15
mip_slab2_chip5_chan16
mip_slab2_chip5_chan17
mip_slab2_chip5_chan18
mip_slab2_chip5_chan19
mip_slab2_chip5_chan20
mip_slab2_chip5_chan21
mip_slab2_chip5_chan22
mip_slab2_chip5_chan23
mip_slab2_chip5_chan24
mip_slab2_chip5_chan25
mip_slab2_chip5_chan26
mip_slab2_chip5_chan27
mip_slab2_chip5_chan28
mip_slab2_chip5_chan29
mip_slab2_chip5_chan30
mip_slab2_chip5_chan31
mip_slab2_chip5_chan32

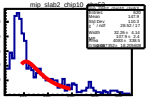

mip_slab2_chip5_chan2

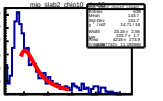

mip_slab2_chip7_chan3
Entries 1
Mean 1
Std Dev 1.E-
χ² / ndf 34.3 / 35
Width 21.78 ± 2.3
MPV 2.0 ± 0.0
Area 2000 ± 245.5
Integral 2000.0 ± 245.5

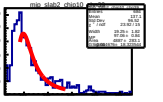

mip_slab2_chip7_chan2
Entries 2572
Mean 2.7
Std Dev 1.7
χ² / ndf 783 / 32
Width 1.79 ± 1.1
MPV 3023.0 ± 21.2
Area 1.E+05
Integral 1.7E+05 ± 1.8E

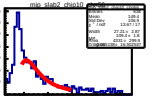

mip_slab2_chip7_chan1
Entries 2572
Mean 10.5
Std Dev 1.E-
χ² / ndf 10.37 / 15
Width 0.727 ± 0.200
MPV 9.0 ± 0.0
Area 7000 ± 27.5
Integral 6.9E+3 ± 2.7E

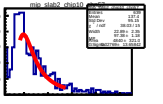

mip_slab2_chip10_
Mean 150.4
Std Dev 139.8
χ² / ndf 23.82 / 17
Width 28.89 ± 2.36
MPV 87.56 ± 1.18
Area 4372 ± 245.5
Probability 14.0993

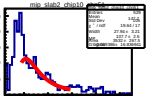

mip_slab2_chip10_
Mean 147.8
Std Dev 139.8
χ² / ndf 19.52 / 17
Width 32.29 ± 2.12
MPV 90.21 ± 1.06
Area 4681 ± 248.5
Probability 14.0993

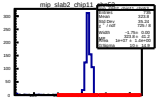

mip_slab2_chip10_
Mean 143.7
Std Dev 139.8
χ² / ndf 14.27 / 14
Width 29.29 ± 2.95
MPV 88.9 ± 1.4
Area 4257 ± 251.5
Probability 14.0993

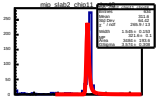

mip_slab2_chip10_
Mean 151.2
Std Dev 139.8
χ² / ndf 23.82 / 15
Width 35.28 ± 3.82
MPV 97.81 ± 1.62
Area 4997 ± 265.5
Probability 14.0993

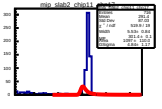

mip_slab2_chip10_
Mean 150.4
Std Dev 139.8
χ² / ndf 13.67 / 17
Width 27.21 ± 3.87
MPV 84.9 ± 1.9
Area 4101 ± 249.5
Probability 14.0993

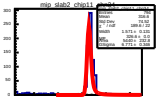

mip_slab2_chip10_
Mean 147.4
Std Dev 139.8
χ² / ndf 38.03 / 16
Width 22.89 ± 2.35
MPV 87.56 ± 1.18
Area 3577 ± 245.5
Probability 14.0993

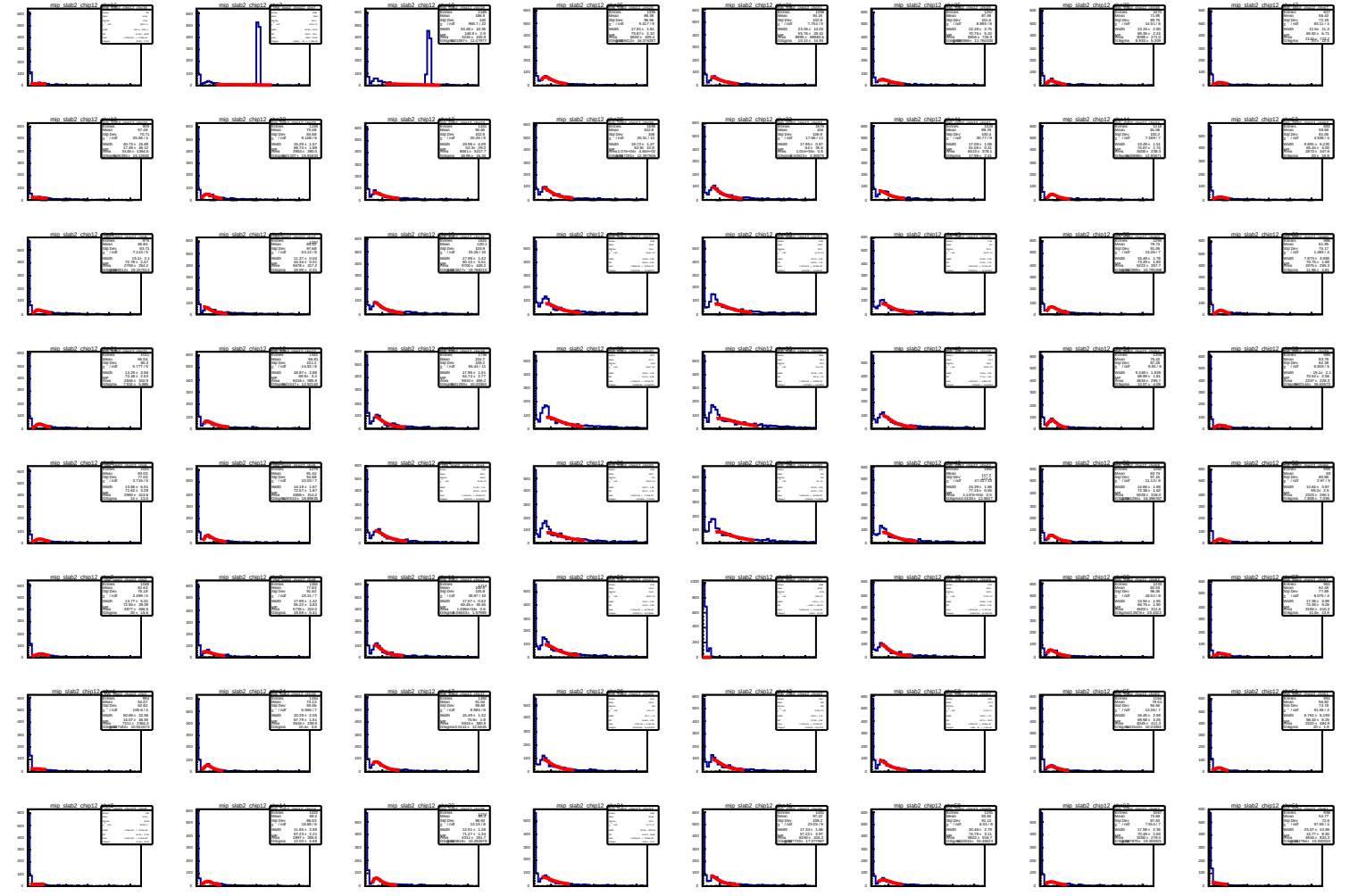

mip_slab2_chip10_
Mean 143.6
Std Dev 139.8
χ² / ndf 34.42 / 16
Width 27.94 ± 3.17
MPV 90.9 ± 1.4
Area 3327.1 ± 2.5
Probability 14.0993

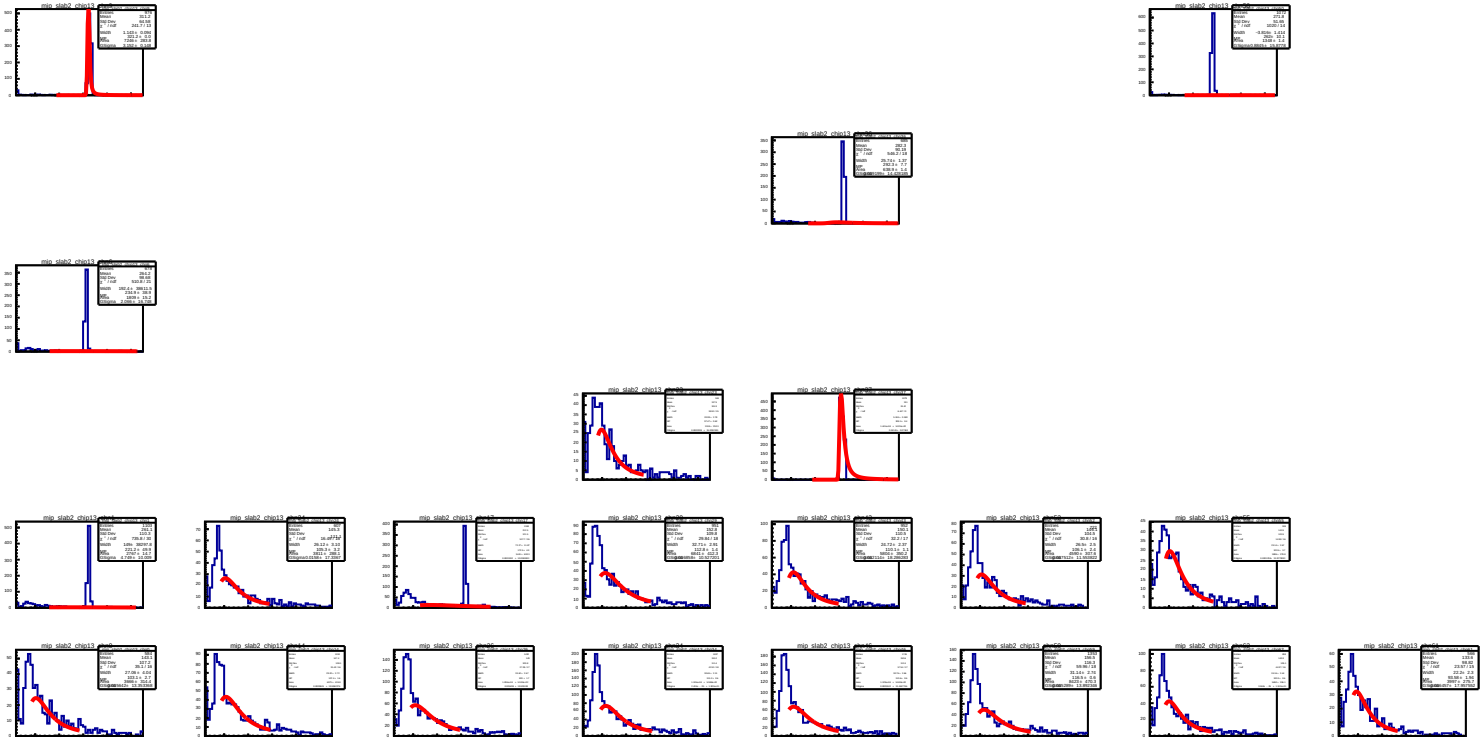

mip slab2 chip11 chn25
Entries 3318
Mean 0.0
Std Dev 79.9
χ² / ndf 73/5
Width -1.9± 0.9
Mean 0.0± 0.0
Sigma 0.0±0.0 1.0±0.0
Integral 3.4±1.4

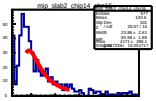

mip slab2 chip11 chn27
Entries 3318
Mean 0.0
Std Dev 80.5
χ² / ndf 200.8/13
Width 1.5±0.1
Mean 351.6± 0.1
Sigma 2664± 1658
Integral 1.5±0.1

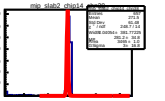

mip slab2 chip11 chn17
Entries 3318
Mean 0.0
Std Dev 87.0
χ² / ndf 928/13
Width 9.5± 0.6
Mean 351.4± 0.1
Sigma 2.0±0.1
Integral 27.6± 1.0

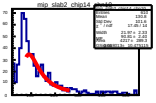

mip slab2 chip11 chn21
Entries 3318
Mean 0.0
Std Dev 79.0
χ² / ndf 189.6/12
Width 1.57± 0.10
Mean 0.0± 0.0
Sigma 5.00± 0.03
Integral 6.77± 0.10

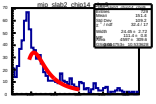


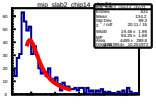


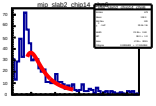

mip slab2 chip14 chan0
Entries 202
Mean 19.51
Std Dev 20.67 ± 1.45
χ² / ndf 25.98 / 3.61
Width 23.38 ± 2.61
MPV 13.71 ± 2.04
Area 2171.4 ± 298.3
Gauss Prob 14.41 ± 3.11

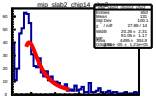

mip slab2 chip14 chan2
Entries 202
Mean 61.48
Std Dev 249.7 ± 4.4
Width Gaussian 361.7 ± 3.9
Width Landau 0.0 ± 0.0
MPV 3349 ± 5.0
Area 8x 10.0

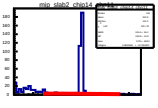

mip slab2 chip14 chan4
Entries 202
Mean 13.0
Std Dev 17.45 ± 1.0
Width 21.97 ± 2.33
MPV 12.17 ± 1.98
Area 2117 ± 298.3
Gauss Prob 15.14 ± 3.11

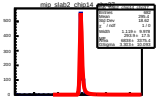

mip slab2 chip14 chan6
Entries 202
Mean 15.1
Std Dev 32.27 ± 2.2
Width 24.49 ± 2.72
MPV 13.0 ± 1.8
Area 2117 ± 298.3
Gauss Prob 12.3 ± 3.11

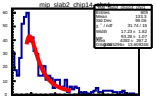

mip slab2 chip14 chan8
Entries 202
Mean 11.2
Std Dev 20.7 ± 1.45
χ² / ndf 15.26 / 3.61
Width 19.29 ± 1.93
MPV 9.69 ± 2.04
Area 2117 ± 298.3
Gauss Prob 12.3 ± 3.11

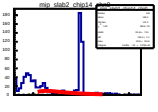

mip slab2 chip14 chan10
Entries 202
Mean 10.4
Std Dev 19.41 ± 1.4
χ² / ndf 19.41 / 3.61
Width 19.41 ± 1.4
MPV 9.41 ± 1.4
Area 2117 ± 298.3
Gauss Prob 12.3 ± 3.11

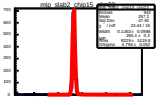

mip slab2 chip14 chan12
Entries 202
Mean 9.01
Std Dev 27.88 ± 1.4
χ² / ndf 23.28 / 3.61
Width 23.28 ± 2.21
MPV 10.08 ± 1.17
Area 2117 ± 298.3
Gauss Prob 12.3 ± 3.11

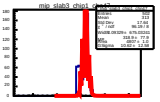

mip slab2 chip14 chan14
Entries 202
Mean 0.0
Std Dev 0.0
χ² / ndf 0.0 / 0.0
Width 0.0 ± 0.0
MPV 0.0 ± 0.0
Area 0.0 ± 0.0
Gauss Prob 0.0 ± 0.0

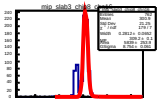

mip slab2 chip14 chan16
Entries 202
Mean 0.0
Std Dev 0.0
χ² / ndf 0.0 / 0.0
Width 1.139 ± 9.978
MPV 7359.6 ± 17.9
Area 1.0011 ± 17.9
Gauss Prob 1.0011 ± 17.9

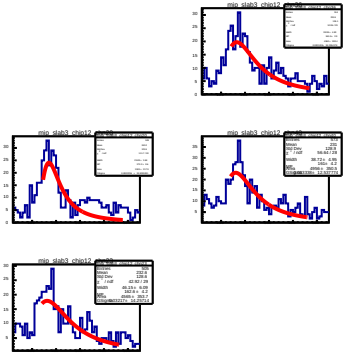

mip slab2 chip14 chan18
Entries 202
Mean 13.12
Std Dev 19.09
χ² / ndf 31.16 / 3.61
Width 17.23 ± 1.93
MPV 10.28 ± 1.07
Area 2117 ± 298.3
Gauss Prob 12.3 ± 3.11

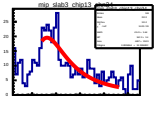

mip slab2 chip14 chan20
Entries 202
Mean 0.0
Std Dev 0.0
χ² / ndf 0.0 / 0.0
Width 0.0 ± 0.0
MPV 0.0 ± 0.0
Area 0.0 ± 0.0
Gauss Prob 0.0 ± 0.0

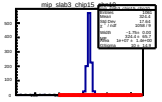

mip_slab2_chip15_ch13
Statistics
Entries 1000
Mean 27.72
Std Dev 27.72
χ² / ndf 25.62 / 16
Width 0.1852 ± 0.0009
MPV 28.1 ± 0.2
Area 1000 ± 0.0
Sigma 0.7941 ± 0.0
750
650
550
450
350
250
150
0

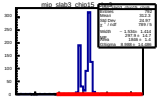

mip_slab3_chip3_chan0
Entries 1000
Mean 3.04
Std Dev 17.49
χ² / ndf 36.28 / 6
Prob(χ²) = 0.76-05(2.0)
Mean 3.04 ± 0.55
Sigma 17.49 ± 0.39
Integral 24.82 ± 1.00

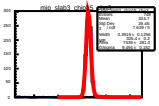

msp_slab3_ch8_c_slab5
Statistics on Selection
Count: 1000
Mean: 30.57
Std Dev: 15.25
X: 7.5dB 379.7 f
Width: 0.2812 x 0.0842
Area: 0.0237 x 0.0071
Wtd. Mean: 24.89 x 29.6
Centroid: 0.7614 x 0.0181

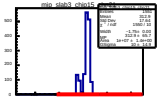

mip slab3 chip12
mip slab3 chip12
mip slab3 chip12
mip slab3 chip12

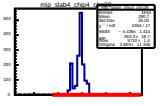

mip_slab3_chip13_ped3
Entries 1000
Mean 0.4
RMS 0.4
Underflow 0
Overflow 0
Integral 1000
Mean x 0.4
RMS x 0.4
Underflow x 0
Overflow x 0
Integral x 1000
Constant 1.0 ± 0.0
Mean 0.4 ± 0.0
Sigma 0.4 ± 0.0
Constant 1.0 ± 0.0
Mean 0.4 ± 0.0
Sigma 0.4 ± 0.0

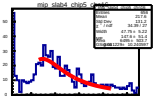

msp slab3 chip15 chan15
Entries 1000
Mean 212.2
Std Dev 17.42
χ² / ndf 1258 / 19
Width -1.75± 0.80
Mean 212.0 ± 0.6
Area 1e+07 ± 1.6e+05
Sigma 16.9 ± 0.6

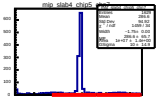

msp slab3 chip15 chan15
Entries 1000
Mean 212.2
Std Dev 17.42
χ² / ndf 759 / 19
Width - 1.5390± 1.414
197.8 ± 12.7
Area 1.6e+07 ± 1.6e+05
Sigma 8.0000 ± 0.0

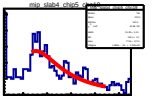

msp slab3 chip15 chan15
Entries 1000
Mean 212.7
Std Dev 17.42
χ² / ndf 7.2e+05 / 19
Width 0.3816± 0.0200
200.4 ± 0.1
Area 1.6e+07 ± 1.6e+05
Sigma 0.8000 ± 0.0

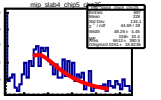

msp slab3 chip15 chan15
Entries 1000
Mean 212.0
Std Dev 17.42
χ² / ndf 1258 / 19
Width -1.75± 0.80
Mean 212.0 ± 0.6
Area 1e+07 ± 1.6e+05
Sigma 16.9 ± 0.6

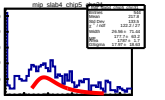

mip slab4 chb4 ybin20
Entries 2000
Mean 2512.2
Std Dev 25.02
χ / ndf 1.08 / 1
p0 4.39e+ 1.41e
p1 2513.3 ± 0.2
p2 19.71 ± 0.20
Integral 1.997e+ 0.00
500
400
300
200
100
0

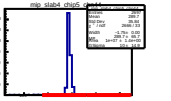

mip_slab4_chip5_ch10
Entries 10
Mean 20.72
Std Dev 131.2
χ² / ndf 34.36 / 37
Width 27.76 ± 9.22
MPV 131.0 ± 10.7
Area 9.889 ± 10.0
Sigma 30.22 ± 3.0

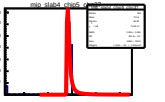

mip_slab4_chip5_ch11
Entries 1000
Mean 28.07
Std Dev 56.02
χ² / ndf 3.889 / 19
Width -1.75e-01 ± 0.2
MPV 0.000 ± 0.0
Area 1e+07 ± 1.4e+03
Sigma 0.0 ± 0.0

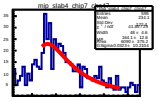

mip_slab4_chip5_ch12
Entries 10
Mean 20.72
Std Dev 131.2
χ² / ndf 34.36 / 37
Width 27.76 ± 9.22
MPV 131.0 ± 10.7
Area 9.889 ± 10.0
Sigma 30.22 ± 3.0

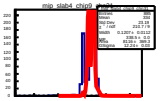

mip_slab4_chip5_ch13
Entries 10
Mean 20.72
Std Dev 131.2
χ² / ndf 34.36 / 37
Width 27.76 ± 9.22
MPV 131.0 ± 10.7
Area 9.889 ± 10.0
Sigma 30.22 ± 3.0

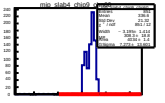

mip_slab4_chip5_ch14
Entries 10
Mean 20.72
Std Dev 131.0
χ² / ndf 1.22 / 2.7
Width 24.98 ± 71.0
MPV 131.0 ± 5.1
Area 1.124 ± 5.1
Sigma 17.97 ± 3.0

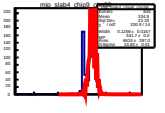

mip_slab4_chip5_ch15
Entries 2997
Mean 250.7
Std Dev 29.61
χ² / ndf 29.61 / 13
Width 0.750 ± 0.00
MPV 250.0 ± 0.0
Area 1e+07 ± 1.4e+03
Sigma 0.0 ± 0.0

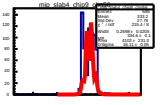

mip_slab4_chip5_ch16
Entries 10
Mean 20.72
Std Dev 131.2
χ² / ndf 34.36 / 37
Width 27.76 ± 9.22
MPV 131.0 ± 10.7
Area 9.889 ± 10.0
Sigma 30.22 ± 3.0

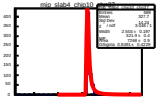

mip slab4 chip7 (Area5)
Entries 2000
Mean 3.03
Std Dev 1.27
χ2 / ndf 41.87 / 24
width 26 ± 0.8
MPV 350.4 ± 0.4
Area 2000 ± 27.7
Sigma(GSF) 0.0 ± 0.0

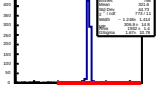

mip_slab4_chip2_ch21
Entries 1000
Mean 0.1387
Std Dev 25.19
χ² / ndf 2117 / 9
Width 0.1387 ± 0.0122
Area 1000 ± 31.6
MPV 61.83 ± 0.85
Sigma 24.24 ± 0.12

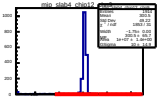

mip_slab4_chip2_ch20
Entries 1000
Mean 2.918
Std Dev 22.71
χ² / ndf 262 / 10
Width -1.1890 ± 1.412
MPV 38.01 ± 0.4
Sigma 7.7254 ± 0.1197

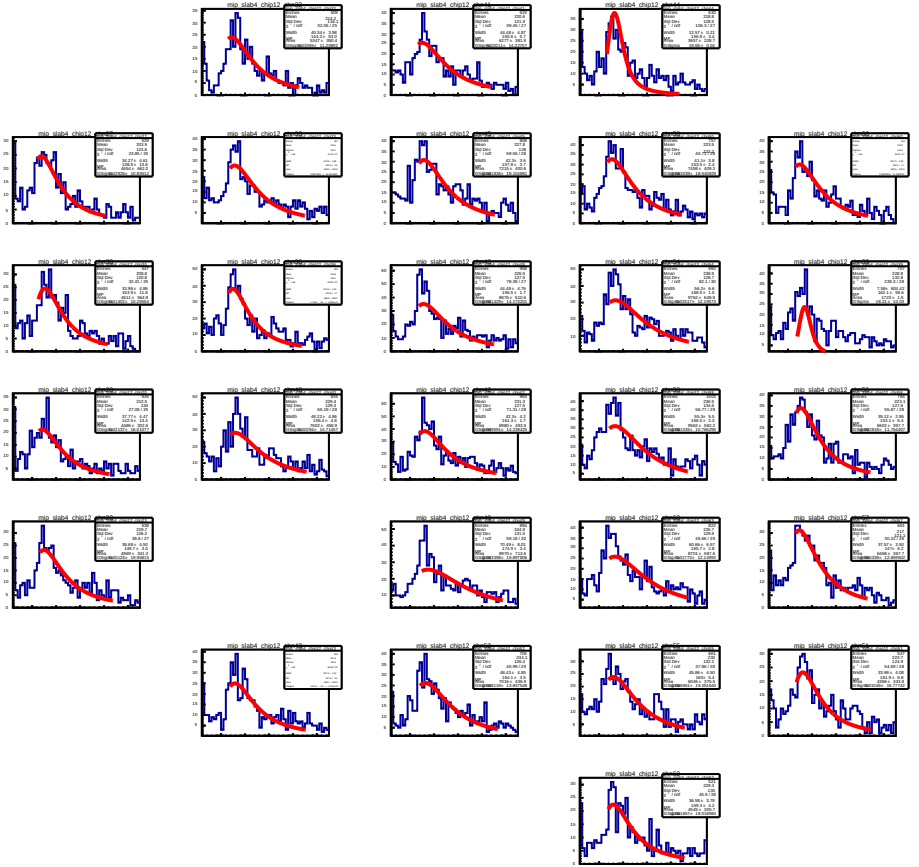

mip_slab4_chip2_ch19
Entries 1000
Mean 2.918
Std Dev 22.71
χ² / ndf 262 / 10
Width 0.12861 ± 2.0167
Area 245.7 ± 3.7
MPV 39.01 ± 0.9
Sigma 7.7254 ± 0.1197

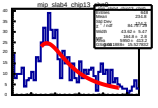

mip_slab4_chip2_ch18
Entries 1000
Mean 2.918
Std Dev 22.71
χ² / ndf 216.2 / 9
Width 0.26861 ± 2.0167
Area 1000 ± 29.4
MPV 39.01 ± 0.9
Sigma 31.11 ± 0.48

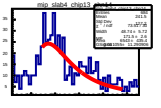

mip_slab4_chip10_
Entries 1000
Mean 207.7
Std Dev 15.71
χ² / ndf 1.1 / 1
Peak 2.501 ± 0.197
Width 323.9 ± 0.4
Mean 207.7 ± 0.5
Integral 0.8853 ± 0.016
400
350
300
250
200
150
100
50
0

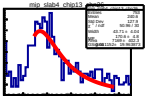

mip_slab4_chip10_
Entries 1000
Mean 207.7
Std Dev 15.71
χ² / ndf 772.7 / 1
Width 1.238e- 1.41e
Mean 207.7 ± 0.0
Sigma 1.055e- 1.1e
Integral 1.07e- 1.17e
400
350
300
250
200
150
100
50
0

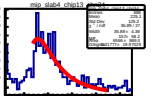

mip slab4 chip12

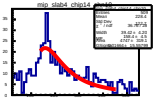

mip slab4 chip12

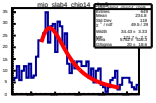

mip slab4 chip13
Entries 1000
Mean 233.2
RMS 84.4575
χ² / ndf 84.4575 / 8
Width 63.60 ± 9.47
MPV 233.0 ± 1.0
Area 6900.0 ± 325.0
Sigma 10.00 ± 24.00

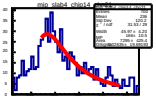

mip slab4 chip13
Entries 1000
Mean 217.6
RMS 72.4775
χ² / ndf 72.4775 / 8
Width 48.79 ± 9.73
MPV 217.0 ± 1.0
Area 6500.0 ± 305.0
Sigma 10.00 ± 22.00

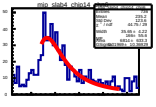

mip slab4 chip13
Entries 1000
Mean 237.6
RMS 50.8677
χ² / ndf 50.8677 / 8
Width 43.73 ± 8.04
MPV 237.0 ± 1.0
Area 7100.0 ± 325.0
Sigma 10.00 ± 24.00

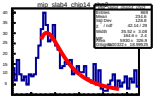

mip slab4 chip13
Entries 1000
Mean 192.2
RMS 39.2817
χ² / ndf 39.2817 / 8
Width 39.89 ± 6.58
MPV 192.0 ± 1.0
Area 6500.0 ± 300.0
Sigma 10.00 ± 22.00

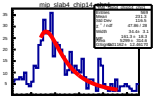

mip slab4 chip14 strip0
Entries 256
Mean 218.2
Std Dev 36.97
χ² / ndf 36.97 / 8
width 35.42 ± 6.20
MPV 217.4 ± 1.0
Area 2727 ± 325.1
Prob 0.0001

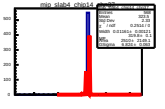

mip slab4 chip14 strip1
Entries 256
Mean 234.8
Std Dev 49.11
χ² / ndf 49.11 / 16
width 34.43 ± 3.33
MPV 232.7 ± 1.5
Area 2727 ± 1.5
Prob 0.0

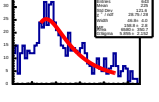

mip slab4 chip14 strip2
Entries 256
Mean 237.2
Std Dev 51.57
χ² / ndf 51.57 / 29
width 45.37 ± 3.29
MPV 239.4 ± 2.0
Area 7299 ± 326.2
Prob 0.0000


mip slab4 chip14 strip3
Entries 256
Mean 223.2
Std Dev 44.75
χ² / ndf 44.75 / 29
width 39.88 ± 2.72
MPV 224.4 ± 1.7
Area 5414 ± 323.3
Prob 0.0000


mip slab4 chip14 strip4
Entries 256
Mean 233.8
Std Dev 62.14
χ² / ndf 62.14 / 29
width 29.52 ± 3.28
MPV 244.4 ± 2.4
Area 5555 ± 326.5
Prob 0.0000


mip slab4 chip14 strip5
Entries 256
Mean 231.2
Std Dev 53.6
χ² / ndf 47.64 / 29
width 33.64 ± 3.3
MPV 231.3 ± 1.9
Area 5555 ± 326.5
Prob 0.0000


mip slab4 chip14 strip6
Entries 256
Mean 70.5
Std Dev 0.2914
χ² / ndf 0.2914 / 0
width 0.01841 ± 0.00021
MPV 39.61 ± 0.1
Area 2727 ± 1.5
Prob 0.2211 ± 0.002


mip slab4 chip15 ped3b
Entries 2.0e+4
Mean 2.0
RMS 2.2
χ² / ndf 25.75 / 15
Width 10.8± 0.0
MPV 20.0± 0.0
Area 4500 ± 200.7
Sigma 0.000± 0.000