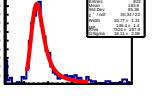
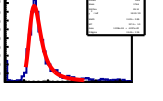
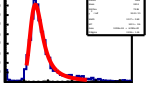
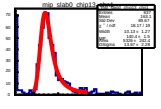
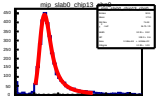
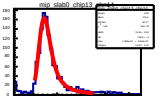

mip_slab0_chip12_ped56
Entries 1000
Mean 89.06
Std Dev 10.77
χ² / ndf 10.77 / 1.14
Prob 0.3
MPV 128.6 ± 2.4
σ (Sigma) 10.11 ± 0.65

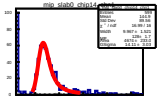

mip_slab0_chip12_ped58

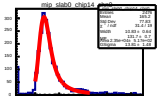

mip_slab0_chip12_ped59

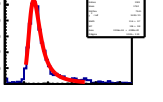

mip_slab0_chip13_chan1
Entries 7594
Mean 19.11
Std Dev 89.67
χ² / ndf 16.32 / 9
Prob 0.0
Width 13.12 ± 1.17
MPV 5.65 ± 3.5
Area 1.07 ± 0.04
Sigma 13.97 ± 12.8

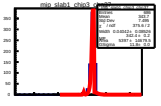

mip_slab0_chip13_chan2

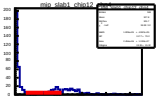

mip_slab0_chip13_chan3

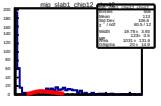

mip_slab0_chip14_chan1
Entries 2000
Mean 19.17
Std Dev 89.66
χ² / ndf 14.62 / 7
Const 0.9927 ± 0.025
MPV 1.06 ± 1.7
Sigma 0.111 ± 0.012
Integral 19.11 ± 0.12
100
80
60
40
20
0

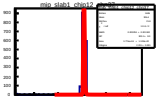

mip_slab0_chip14_chan2
Entries 2000
Mean 19.62
Std Dev 31.67
χ² / ndf 31.67 / 8
Const 13.65 ± 0.64
MPV 1.2e-05 ± 1.7
Sigma 13.65 ± 1.29
Integral 13.65 ± 1.29
300
250
200
150
100
50
0

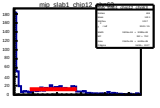

mip_slab0_chip15_pedsub
Entries 1000
Mean 1.000
Mean x 1.000
Std Dev 0.000
Std Dev x 0.000
Integral 1000.
Skewness 0.000
Skewness x 0.000
Kurtosis 0.000
Kurtosis x 0.000
Underflow 0.000
Overflow 0.000
Underflow x 0.000
Overflow x 0.000
250
200
150
100
50
0

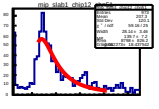

mip_slab1_chip3_ch13
350
300
250
200
150
100
50
0
Entries 100
Mean 79.4
RMS 15.0
χ² / ndf 374.6 / 2
Prob 0.0000
Const 548.4 ± 0.2
MPV 79.0 ± 0.0
Sigma 1.50 ± 0.0

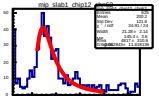

mip slab1 chip12 chn52

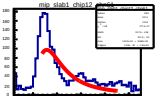

mip slab1 chip12 chn52

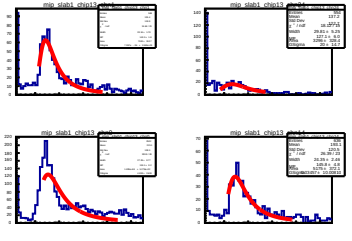

mip slab1 chip12 chn52

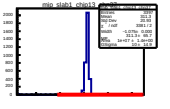

mip slab1 chip12 chn52

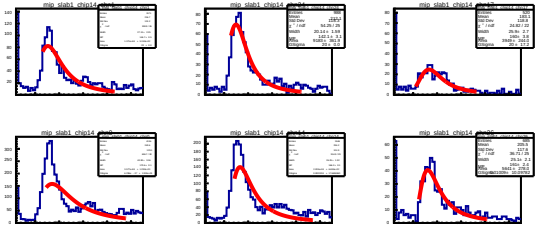

mip slab1 chip12 chn52

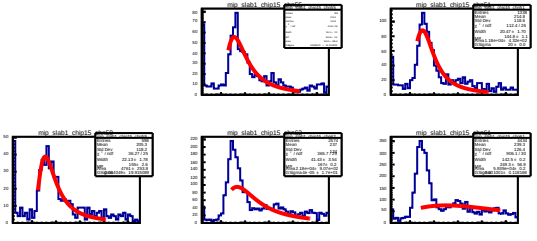

mip slab1 chip12 chn52

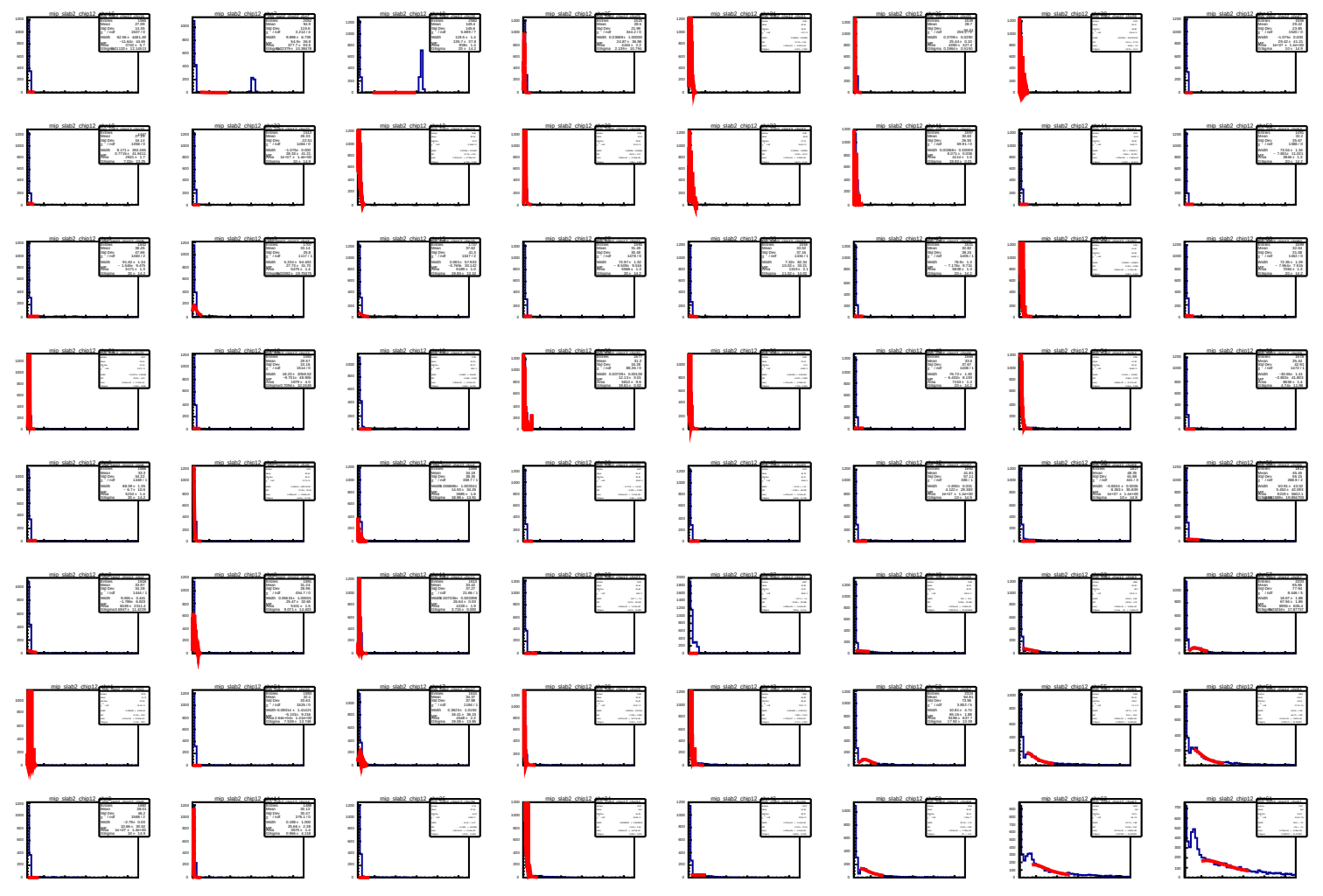

mip slab1 chip12 chn52

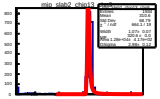

mip slab1 chip13 strip1
mip slab1 chip13 strip2
mip slab1 chip13 strip3
mip slab1 chip13 strip4

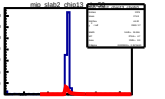

mip slab1 chip13 strip5

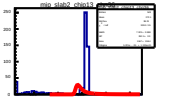

mip slab1 chip14 chan1
mip slab1 chip14 chan2
mip slab1 chip14 chan3
mip slab1 chip14 chan4
mip slab1 chip14 chan5
mip slab1 chip14 chan6

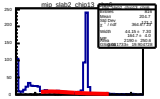

mip slab1 chip15 ch55
mip slab1 chip15 ch56
mip slab1 chip15 ch57
mip slab1 chip15 ch58
mip slab1 chip15 ch59
mip slab1 chip15 ch60

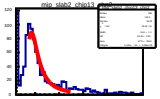


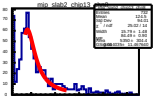

mip slab2 chip13 chan0

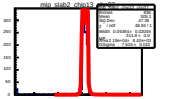

mip slab2 chip13 chan2

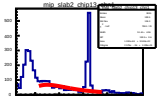

mip slab2 chip13 chan3

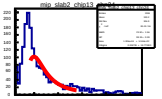

mip slab2 chip13 chan4

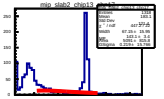

mip slab2 chip13 chan5

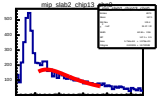

mip slab2 chip13 chan6

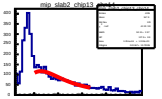

mip slab2 chip13 chan7

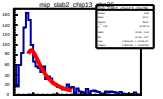

mip slab2 chip13 chan8

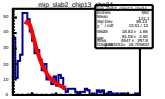

mip slab2 chip13 chan9

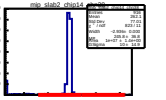

mip slab2 chip13 chan10

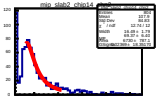

mip slab2 chip13 chan11

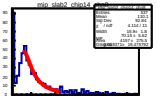

mip slab2 chip13 chan12

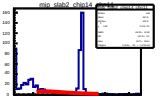

mip slab2 chip13 chan13

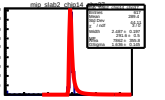

mip slab2 chip13 chan14

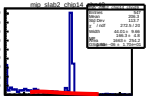

mip_slab2_chip14_strip2
Entries 1000
Mean 262.3
Std Dev 77.01
χ² / ndf 820 / 21
Width 0.908
Area 1000
MPV 1e+07 ± 1.e+06
Sigma 241 ± 0.9

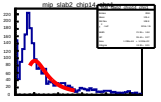

mip_slab2_chip14_strip3
Entries 1000
Mean 317.6
Std Dev 10.02
χ² / ndf 10.02 / 12
Width 1.18
Area 1000
MPV 19.69 ± 2.79
Sigma 10.97 ± 6.60

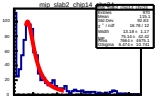

mip_slab2_chip14_strip4
Entries 1000
Mean 317.1
Std Dev 4.777
χ² / ndf 6.134 / 11
Width 0.96
Area 1000
MPV 59.59 ± 0.52
Sigma 4.777 ± 0.52

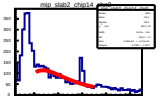

mip_slab2_chip14_strip5
Entries 1000
Mean 317.1
Std Dev 4.777
χ² / ndf 6.134 / 11
Width 0.96
Area 1000
MPV 59.59 ± 0.52
Sigma 4.777 ± 0.52

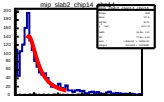

mip_slab2_chip14_strip6
Entries 1000
Mean 286.4
Std Dev 42.13
χ² / ndf 1.e+07 / 1
Width 0.97
Area 2.107 ± 0.197
MPV 291.6 ± 0.5
Sigma 42.13 ± 0.5
Integral 1.936 ± 0.18

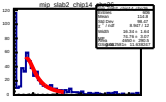

mip_slab2_chip14_strip7
Entries 1000
Mean 273.7
Std Dev 2.667
χ² / ndf 273.5 / 10
Width 0.96
Area 44.01 ± 0.95
MPV 146.3 ± 0.3
Sigma 2.667 ± 0.3
Integral 38.1 ± 0.84

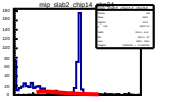

mip_slab2_chip14_strip8
Entries 1000
Mean 1.e+07
Std Dev 92.02
χ² / ndf 1.e+07 / 1
Width 1.18
Area 13.18 ± 1.17
MPV 75.14 ± 22.12
Sigma 92.02 ± 22.12
Integral 9.29 ± 22.12

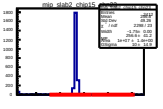

mip_slab2_chip14_strip9
Entries 1000
Mean 1.e+07
Std Dev 1.e+07
χ² / ndf 1.e+07 / 1
Width 0.96
Area 1.e+07 ± 1.e+06
MPV 1.e+07 ± 1.e+06
Sigma 1.e+07 ± 1.e+06
Integral 1.e+07 ± 1.e+06

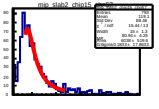

mip_slab2_chip14_strip10
Entries 1000
Mean 1.e+07
Std Dev 1.e+07
χ² / ndf 1.e+07 / 1
Width 0.96
Area 1.e+07 ± 1.e+06
MPV 1.e+07 ± 1.e+06
Sigma 1.e+07 ± 1.e+06
Integral 1.e+07 ± 1.e+06

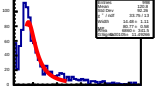

mip_slab2_chip14_strip11
Entries 1000
Mean 1.e+07
Std Dev 1.e+07
χ² / ndf 1.e+07 / 1
Width 0.96
Area 1.e+07 ± 1.e+06
MPV 1.e+07 ± 1.e+06
Sigma 1.e+07 ± 1.e+06
Integral 1.e+07 ± 1.e+06

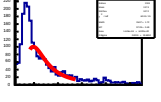

mip_slab2_chip14_strip12
Entries 1000
Mean 192.8
Std Dev 8.977
χ² / ndf 8.977 / 12
Width 1.18
Area 16.34 ± 1.64
MPV 286.6 ± 2.6
Sigma 8.977 ± 2.6
Integral 14.43 ± 1.45

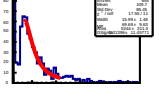

mip_slab2_chip14_strip13
Entries 1000
Mean 1.e+07
Std Dev 1.e+07
χ² / ndf 1.e+07 / 1
Width 0.96
Area 1.e+07 ± 1.e+06
MPV 1.e+07 ± 1.e+06
Sigma 1.e+07 ± 1.e+06
Integral 1.e+07 ± 1.e+06

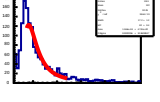

mip_slab2_chip15_chan32
Entries 2864
Mean 2864
Std Dev 2.7
χ² / ndf 2386 / 16
Width -1.7± 0.0
Peak 2.8± 21.2
Mean 0.017 ± 0.000
Integral 0.0 ± 0.0

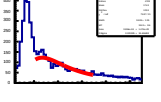

mip_slab2_chip15_chan33
Entries 1763
Mean 15.4
Std Dev 4.7
χ² / ndf 15.61 / 14
Width 29.4 ± 2.2
Peak 60.90 ± 4.56
Mean 0.000 ± 0.000
Integral 0.0 ± 0.0

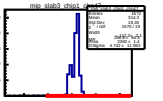

mip_slab2_chip15_chan34
Entries 1763
Mean 19.2
Std Dev 10.39
χ² / ndf 33.32 / 14
Width 14.49 ± 1.11
Peak 80.77 ± 0.90
Mean 0.000 ± 0.000
Integral 0.0 ± 0.0

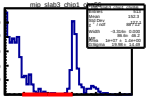

mip_slab2_chip15_chan35
Entries
Mean
Std Dev
χ² / ndf
Width
Peak
Mean
Integral

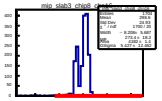

mip_slab2_chip15_chan36
Entries 1763
Mean 19.2
Std Dev 17.93
χ² / ndf 17.93 / 11
Width 19.99 ± 1.49
Peak 53.61 ± 3.17
Mean 0.000 ± 0.000
Integral 0.0 ± 0.0

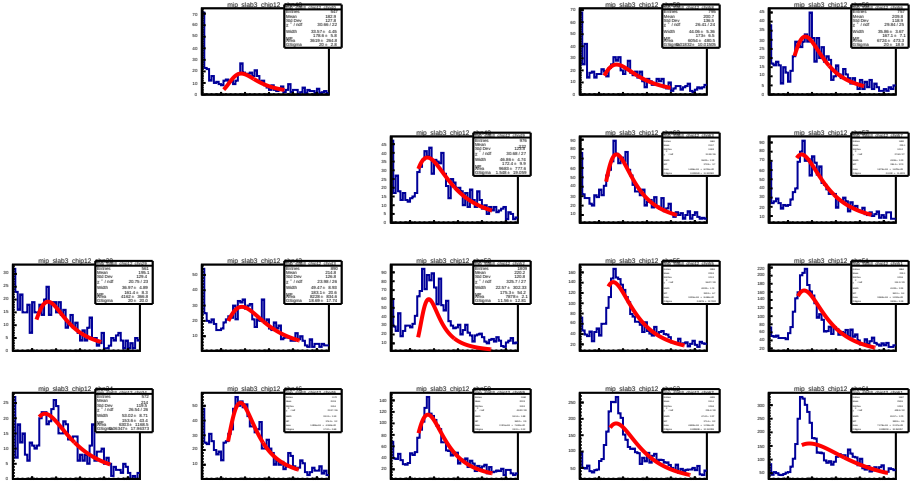

mip_slab2_chip15_chan37
Entries
Mean
Std Dev
χ² / ndf
Width
Peak
Mean
Integral

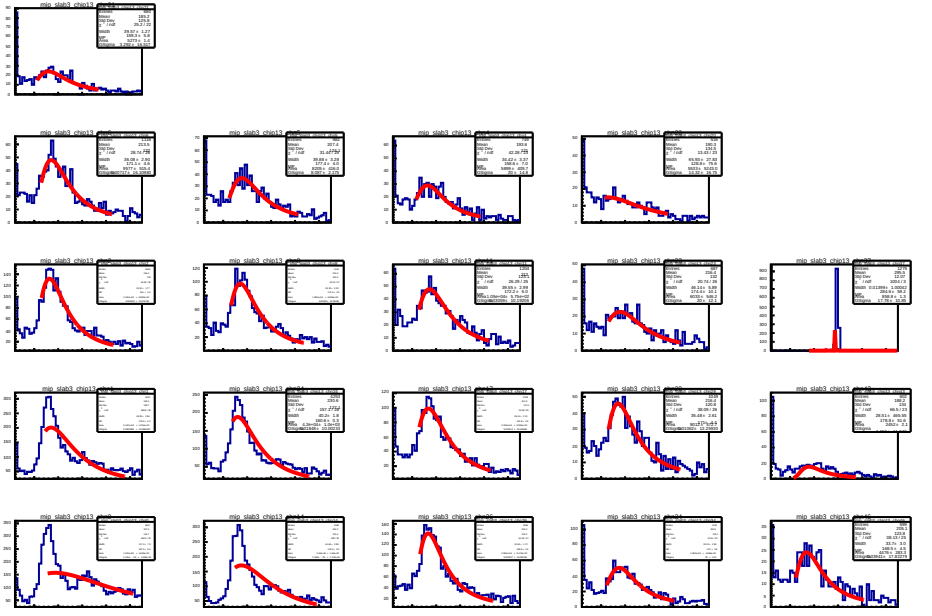

mip_slab2_chip15_chan38
Entries
Mean
Std Dev
χ² / ndf
Width
Peak
Mean
Integral

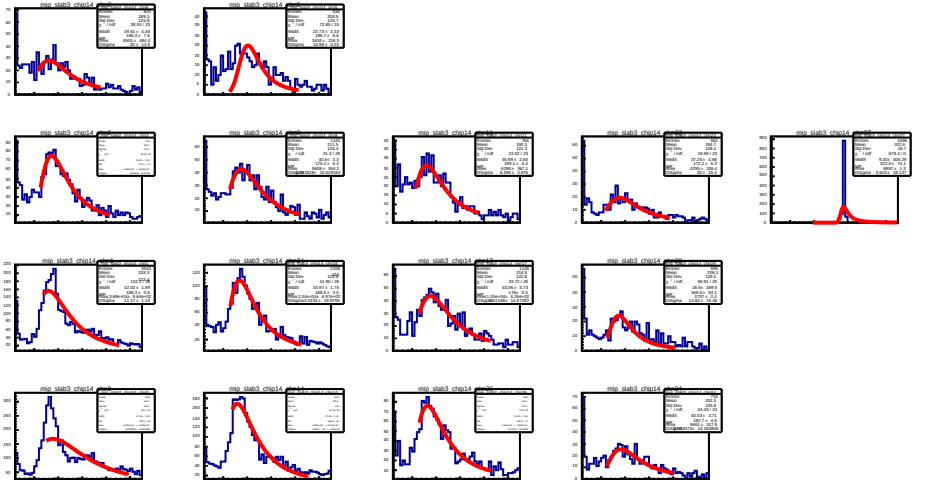

mip_slab3_chip1_chan5
Entries 1024
Mean 19.15
Std Dev 20.03
χ² / ndf 19.15
Width 2.02 ± 0.12
Mean 19.01 ± 0.01
Sigma 4.16 ± 0.01

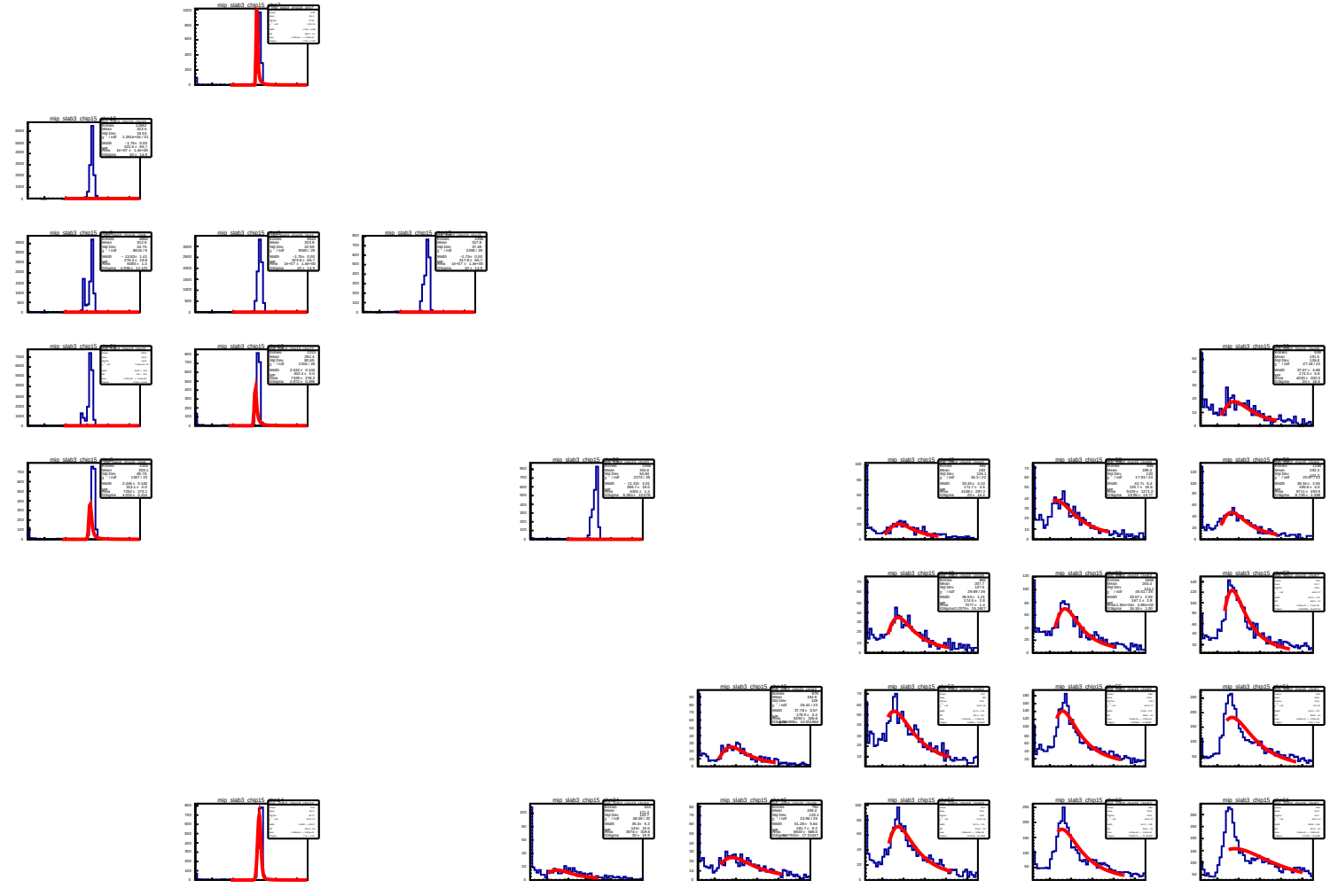

mip_slab3_chip1_chan5
Entries 1024
Mean 19.01
Std Dev 4.16
χ² / ndf 27.27
Width -0.30 ± 0.01
Mean 19.01 ± 0.01
Sigma 19.01 ± 0.01

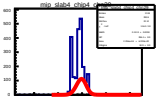

msp_slab3_chip8_strip5
Entries 1000
Mean 29.12
Std Dev 20.93
χ / ndf 1701 / 20
Constant - 8.2316 ± 5.687
Mean - 7.0000 ± 0.0
Sigma - 2.000 ± 0.0
Integral 9.677 ± 27.202
400
350
300
250
200
150
100
50
0

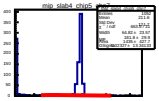

mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 30.66 / 23
Width 19.62 ± 4.35
MPV 90.91 ± 30.2
Area 22.7 ± 2.2
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 29.41 / 24
Width 41.09 ± 5.36
MPV 90.91 ± 30.2
Area 67.61 ± 47.4
Integral 27.1 ± 2.2
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 29.84 / 25
Width 35.85 ± 3.97
MPV 90.91 ± 30.2
Area 67.61 ± 47.4
Integral 27.1 ± 2.2
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 30.66 / 23
Width 69.83 ± 6.71
MPV 172.4 ± 70.9
Area 90.91 ± 30.2
Integral 5.5871 ± 37.68
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 29.41 / 24
Width 41.09 ± 5.36
MPV 90.91 ± 30.2
Area 67.61 ± 47.4
Integral 27.1 ± 2.2
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 29.84 / 25
Width 35.85 ± 3.97
MPV 90.91 ± 30.2
Area 67.61 ± 47.4
Integral 27.1 ± 2.2
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 29.84 / 25
Width 35.85 ± 3.97
MPV 90.91 ± 30.2
Area 67.61 ± 47.4
Integral 27.1 ± 2.2
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 29.84 / 25
Width 35.85 ± 3.97
MPV 90.91 ± 30.2
Area 67.61 ± 47.4
Integral 27.1 ± 2.2
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 29.84 / 25
Width 35.85 ± 3.97
MPV 90.91 ± 30.2
Area 67.61 ± 47.4
Integral 27.1 ± 2.2
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 29.84 / 25
Width 35.85 ± 3.97
MPV 90.91 ± 30.2
Area 67.61 ± 47.4
Integral 27.1 ± 2.2
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 29.84 / 25
Width 35.85 ± 3.97
MPV 90.91 ± 30.2
Area 67.61 ± 47.4
Integral 27.1 ± 2.2
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 29.84 / 25
Width 35.85 ± 3.97
MPV 90.91 ± 30.2
Area 67.61 ± 47.4
Integral 27.1 ± 2.2
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 29.84 / 25
Width 35.85 ± 3.97
MPV 90.91 ± 30.2
Area 67.61 ± 47.4
Integral 27.1 ± 2.2
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 29.84 / 25
Width 35.85 ± 3.97
MPV 90.91 ± 30.2
Area 67.61 ± 47.4
Integral 27.1 ± 2.2
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 29.84 / 25
Width 35.85 ± 3.97
MPV 90.91 ± 30.2
Area 67.61 ± 47.4
Integral 27.1 ± 2.2
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 29.84 / 25
Width 35.85 ± 3.97
MPV 90.91 ± 30.2
Area 67.61 ± 47.4
Integral 27.1 ± 2.2
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 29.84 / 25
Width 35.85 ± 3.97
MPV 90.91 ± 30.2
Area 67.61 ± 47.4
Integral 27.1 ± 2.2
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 29.84 / 25
Width 35.85 ± 3.97
MPV 90.91 ± 30.2
Area 67.61 ± 47.4
Integral 27.1 ± 2.2
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 29.84 / 25
Width 35.85 ± 3.97
MPV 90.91 ± 30.2
Area 67.61 ± 47.4
Integral 27.1 ± 2.2
mip_slab3_chip12
Entries 1000
Mean 100.2
Std Dev 128.6
χ² / ndf 29.84 / 25
Width 35.85 ± 3.97
MPV 90.91 ± 30.2
Area 67.61 ± 47.4
Integral 27.1 ± 2.2

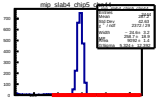


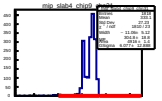

mip_slab3_chip14_chan0
mip_slab3_chip14_chan1
mip_slab3_chip14_chan2
mip_slab3_chip14_chan3
mip_slab3_chip14_chan4
mip_slab3_chip14_chan5
mip_slab3_chip14_chan6
mip_slab3_chip14_chan7
mip_slab3_chip14_chan8
mip_slab3_chip14_chan9
mip_slab3_chip14_chan10
mip_slab3_chip14_chan11
mip_slab3_chip14_chan12
mip_slab3_chip14_chan13
mip_slab3_chip14_chan14
mip_slab3_chip14_chan15

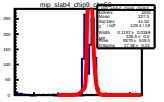


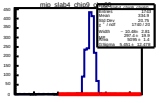

mip_slab4_chip4_step0
Entries 1000
Mean 0.0
Mean x 0.0
Mean y 0.0
Std Dev 0.0
Std Dev x 0.0
Std Dev y 0.0
Integral = 1000.0
Underflow = 0.0
Overflow = 0.0
600
500
400
300
200
100
0

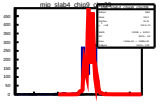

mip slab4 chip5 chan2
Entries 2154
Mean 0.0
Std Dev 0.1
χ / ndf 1.1
Width 0.0 ± 0.0
Peak 2154 ± 46.4
Mean 0.0 ± 0.0
Sigma 0.0 ± 0.0

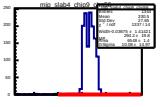

mip slab4 chip5 chan3
Entries 2372
Mean 0.0
Std Dev 0.1
χ / ndf 2372 / 19
Width 0.0 ± 0.0
Peak 2372 ± 48.7
Mean 0.0 ± 0.0
Sigma 0.0 ± 0.0

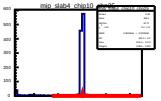
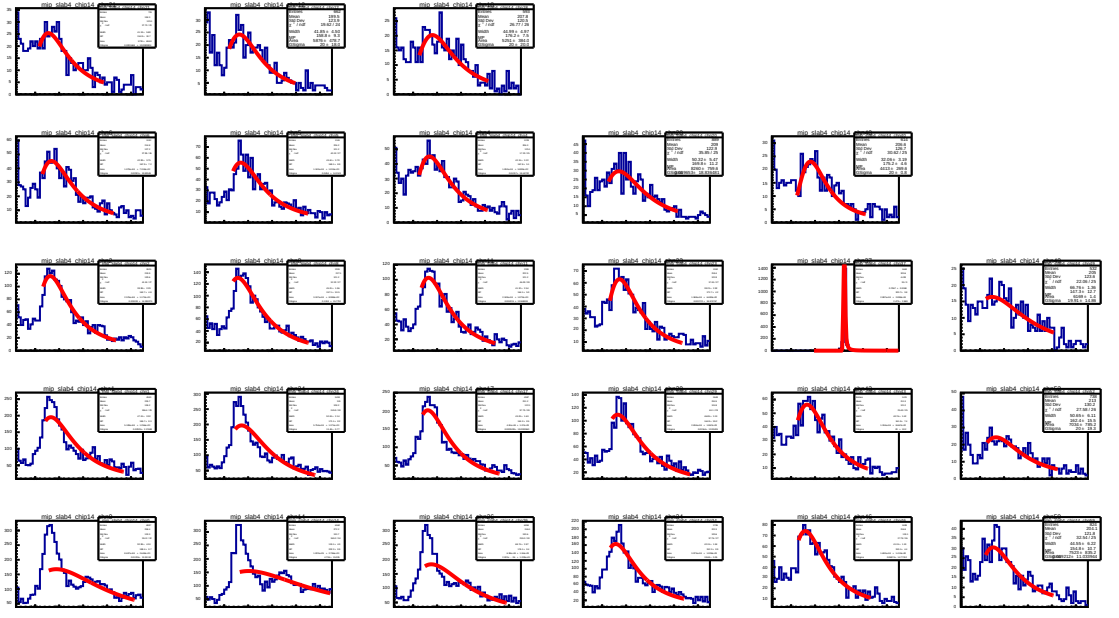
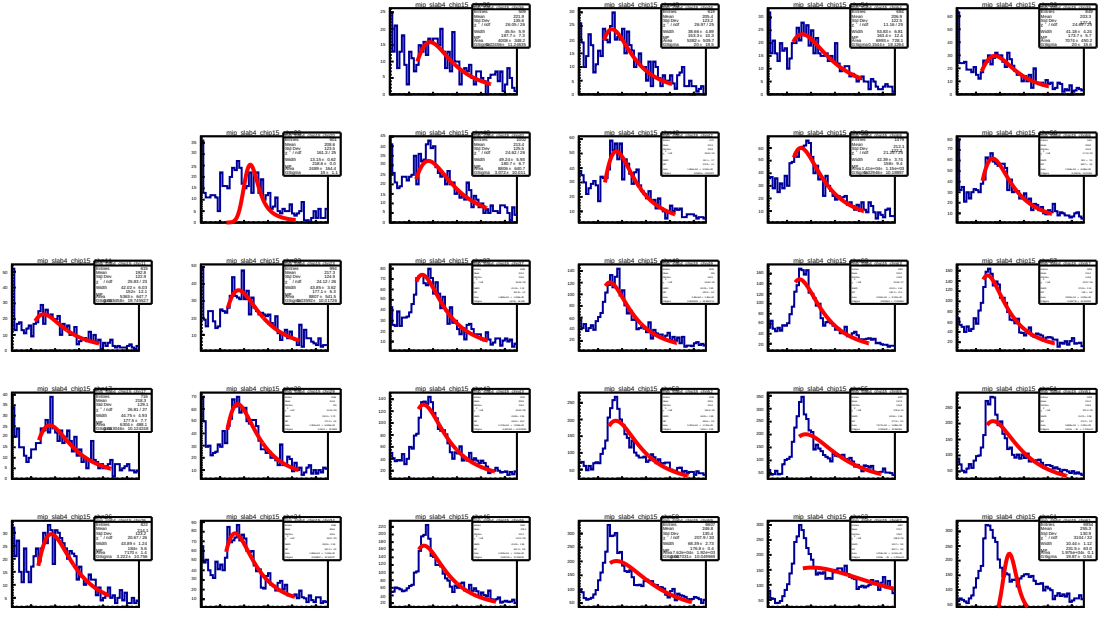

mip_slab4_chip2_chan24
Entries 2214
Mean 27.23
Std Dev 1820.73
χ / ndf 11.09p 9.12
Width 2.01p 1.12
Mean -2014p 1.6
Sigma 0.07p 2.09


mip_slab4_chip2_chan25
Entries 2214
Mean 2.7
Std Dev 126.21
χ / ndf 1.1
Width 0.1107p 0.0109
Mean 0.0001p 0.0
Sigma 17.04p 0.01


mip_slab4_chip2_chan26
Entries 2214
Mean 2.7
Std Dev 1182.71
χ / ndf 1.1
Width 10.09p 2.01
Mean 20.4p 0.4
Sigma 0.9p 0.1
Sigma 0.0014p 0.0


mip_slab4_chip2_chan27


mip_slab4_chip2_chan28
Entries 2214
Mean 2.7
Std Dev 2.72
χ / ndf 1107 / 11
Width 0.0075 1.1107
Mean 0.0 0.0
Sigma 10.0 1.0
Sigma 17.04 1.0


mip_slab4_cchist3_dec_fit
Entries 1000
Mean 0.0
Mean x 0.0
RMS 0.0
RMS x 0.0
Integral 1000.0
Underflow 0.0
Overflow 0.0
Integral x 1000.0
Underflow x 0.0
Overflow x 0.0
Constant 500.0
Mean 0.0
Sigma 0.0
Chi2 / ndf 0.0 / 0
Prob 0.0
Constant 0.0
Mean 0.0
Sigma 0.0
Chi2 / ndf 0.0 / 0
Prob 0.0
500
450
400
350
300
250
200
150
100
50
0