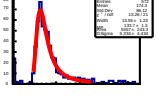
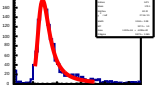
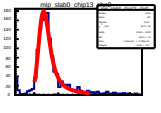
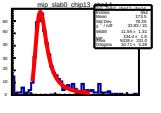
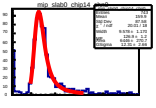
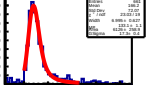

mip_slab0_chip12_ch48
Entries 7579
Mean 39.12
RMS 13.30 / 13
Width 13.55 ± 1.20
MPV 35.57 ± 0.41
Area 5207 ± 245.3
Chi2/ndf 4.556 / 2.231

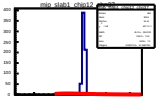

mip_slab0_chip12_ch48

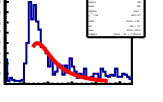

mip slab0 chip13
Entries 7
Mean 7.0
RMS 0.0
Underflow 0
Overflow 0
Integral 7.0
Width 0.0 ± 0.0
Mean 7.0 ± 0.0
Sigma 0.0 ± 0.0
χ² / ndf 0.0 / 0
Prob 1.000
Constant 7.0 ± 0.0

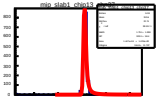

mip slab0 chip13
Entries 1.0k
Mean 19.0
RMS 3.0
Underflow 0
Overflow 0
Integral 10.0k
Width 11.55 ± 1.15
Mean 19.0 ± 0.1
Sigma 3.02 ± 0.11
χ² / ndf 10.83 / 13
Prob 0.6313
Constant 9.52k ± 0.0k
Mean 19.0 ± 0.1
Sigma 3.0 ± 0.1

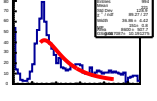

msp_slab0_chip14_adc
Entries 1796
Mean 39.69
RMS 19.14
χ² / ndf 20.01 / 18
Width 9.578 ± 1.170
Sigma 12.01 ± 0.74
MPV 6.688 ± 0.017
Integral 12.01 ± 0.04
90
80
70
60
50
40
30
20
10
0

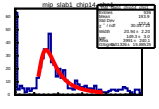

mip slab0 chip15 ped0
Entries 1000
Mean 1.007
Underflow 0
Overflow 0
χ² / ndf 23.22 / 19
Width 0.0001 ± 0.0125
Mean 0.9996 ± 0.0000
Sigma 0.0 ± 0.0
Integral 0.0 ± 0.0

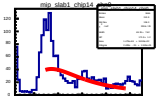

mip_slab1_chip12_strip2
Entries 1000
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
Integral 1000.0
Skewness 0.0
Kurtosis 0.0
Constant 1000.0
Mean 0.0
Sigma 0.0
400
350
300
250
200
150
100
50
0

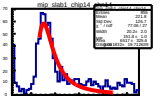

mip_slab1_chip12_strip2
Entries 1000
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
Integral 1000.0
Skewness 0.0
Kurtosis 0.0
Constant 1000.0
Mean 0.0
Sigma 0.0
80
75
70
65
60
55
50
45
40
35

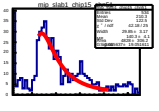

mip slab1 chip13 chan2
Entries 1000
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
Integral 1000.0
Skewness 0.0
Kurtosis 0.0
Constant 1000.0
Mean 0.0
Sigma 0.0
800
700
600
500
400
300
200
100
0

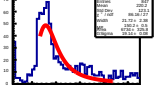

mip slab1 chip13 chan0
Entries 1000
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
Integral 1000.0
Skewness 0.0
Kurtosis 0.0
Constant 89.27 ± 2.27
Mean 35.95 ± 0.22
Sigma 3.00 ± 0.22
Mean = 35.9
Sigma = 3.0
Prob = 0.0000
80
70
60
50
40
30
20
10
0

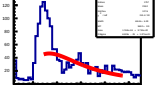

mip slab1 chip14 chnl1
Entries 1000
Mean 19.57
Std Dev 10.07
χ² / ndf 30.07 / 16
Constant 23.94 ± 3.20
Mean 5.85 ± 0.0
Sigma 1.01 ± 0.0
Prob 0.0
Chi2 30.07 Ndf 16

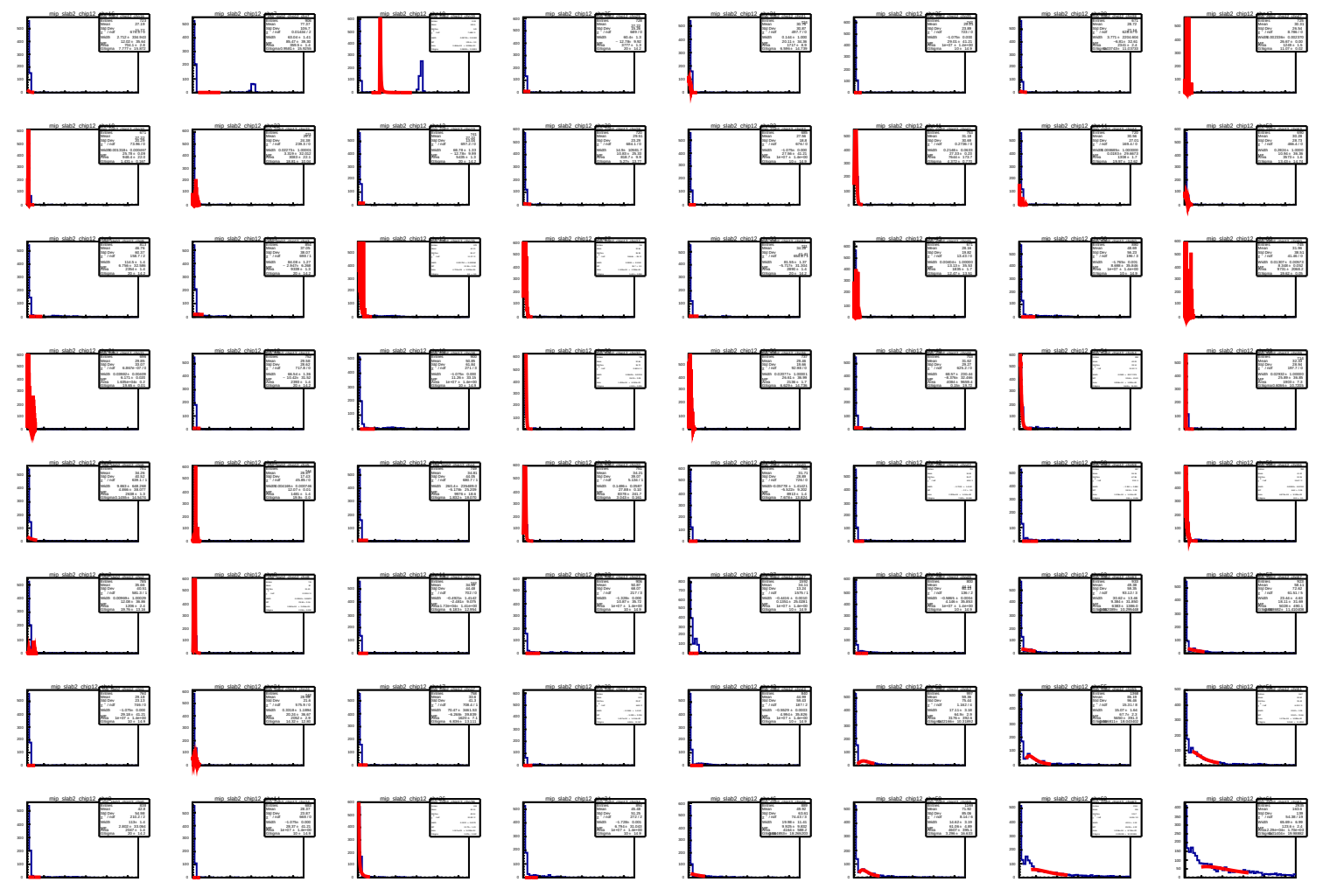

mip slab1 chip14 chnl2
Entries 1000
Mean 19.1
Std Dev 9.7
χ² / ndf 1.6e+16
Constant 8.1e+16 ± 1e+17
Mean 0.0 ± 0.0
Sigma 0.0 ± 0.0
Prob 0.0
Chi2 1.6e+16 Ndf 0

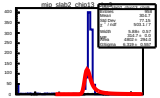

mip slab1 chip14 chnl3
Entries 1000
Mean 23.6
Std Dev 11.7
χ² / ndf 17.08 / 17
Constant 55.3 ± 3.0
Mean 6.0 ± 0.0
Sigma 0.927 ± 0.0
Prob 0.4
Chi2 17.08 Ndf 17

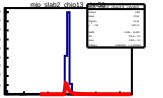

mip slab1 chip15 chan54
Entries 1000
Mean 122.5
Std Dev 122.5
χ² / ndf 1.07 / 1
Const 75.80 ± 3.17
MPV 140.0 ± 4.3
Sigma 10.00 ± 0.21
Integral 10.0000

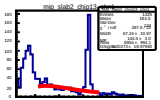

mip slab1 chip15 chan55
Entries 1000
Mean 122.1
Std Dev 122.1
χ² / ndf 86.18 / 27
Const 21.72 ± 2.36
MPV 67.00 ± 0.50
Sigma 19.14 ± 0.35

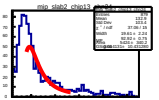

mip slab1 chip15 chan56
Entries 1000
Mean 122.1
Std Dev 122.1
χ² / ndf 0 / 0
Const 0.00 ± 0.00
MPV 0.00 ± 0.00
Sigma 0.00 ± 0.00

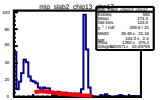


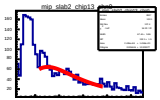

mip slab2 chip13 chan0
Entries 3000
Mean 30.17
Std Dev 3.13
χ² / ndf 502 / 17
Width 5.89 ± 0.97
MPV 30.7 ± 0.3
Area 2.8 ± 0.4
Sigma 0.931 ± 0.013

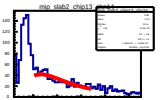

mip slab2 chip13 chan1
Entries 3000
Mean 17.4
Std Dev 1.5
χ² / ndf 1.6e+3 / 16
Width 1.01 ± 0.06
MPV 17.4 ± 0.0
Area 2.6e+3 ± 1.6e+3
Sigma 0.0e+0 ± 0.0e+0

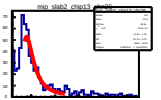

mip slab2 chip13 chan2
Entries 3000
Mean 33.13
Std Dev 3.13
χ² / ndf 2973 / 18
Width 5.16 ± 0.07
MPV 34.6 ± 0.0
Area 57.3k ± 10.6k
Sigma 1.00 ± 0.00

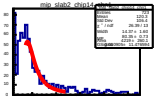

mip slab2 chip13 chan3
Entries 3000
Mean 13.2
Std Dev 3.1
χ² / ndf 1.1e+3 / 16
Width 1.01 ± 0.01
MPV 19.61 ± 0.15
Area 50.9k ± 0.7k
Sigma 1.0e+0 ± 0.0e+0

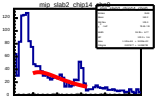

mip slab2 chip13 chan4
Entries 3000
Mean 13.2
Std Dev 3.1
χ² / ndf 2e+3 / 16
Width 1.01 ± 0.01
MPV 36.46 ± 35.39
Area 134.2 ± 2.4
Sigma 1.24e-1 ± 2.0e-2

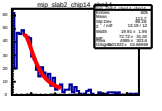

mip slab2 chip13 chan5
Entries 3000
Mean 13.2
Std Dev 3.1
χ² / ndf 1.1e+3 / 16
Width 1.01 ± 0.01
MPV 19.61 ± 0.15
Area 50.9k ± 0.7k
Sigma 1.0e+0 ± 0.0e+0

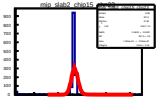

mip slab2 chip13 chan6
Entries 3000
Mean 13.2
Std Dev 3.1
χ² / ndf 1.1e+3 / 16
Width 1.01 ± 0.01
MPV 19.61 ± 0.15
Area 50.9k ± 0.7k
Sigma 1.0e+0 ± 0.0e+0

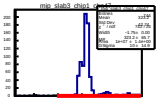

mip slab2 chip13 chan7
Entries 3000
Mean 13.2
Std Dev 3.1
χ² / ndf 1.1e+3 / 16
Width 1.01 ± 0.01
MPV 19.61 ± 0.15
Area 50.9k ± 0.7k
Sigma 1.0e+0 ± 0.0e+0

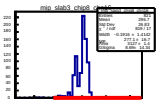

mip_slab2_chip14_chn1
Entries 1000
Mean 33.17
Std Dev 333.4
χ² / ndf 26.15 / 7
Constant 14.37 ± 1.65
Mean 30.35 ± 0.73
Sigma 17.01 ± 2.05
Integral/binwidth 14.37 ± 1.65

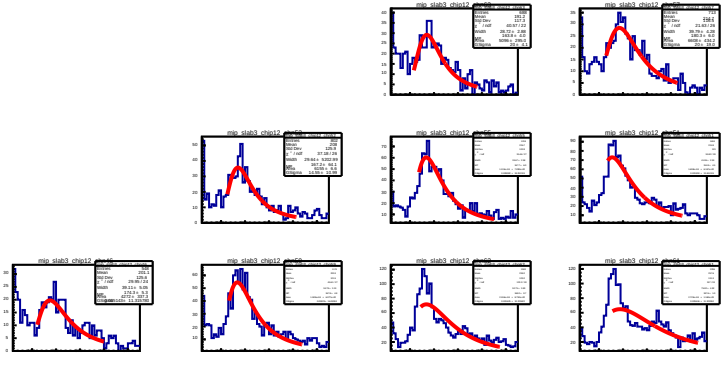

mip_slab2_chip14_chn2
Entries 1000
Mean 33.17
Std Dev 333.4
χ² / ndf 15.09 / 7
Constant 28.91 ± 1.93
Mean 30.35 ± 0.73
Sigma 17.01 ± 2.05
Integral/binwidth 28.91 ± 1.93

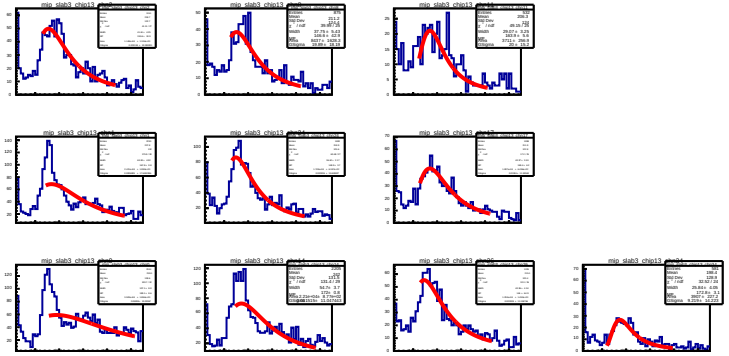

mip_slab2_chip14_chn3
Entries 1000
Mean 33.17
Std Dev 333.4
χ² / ndf 13.19 / 7
Constant 28.91 ± 1.93
Mean 30.35 ± 0.73
Sigma 17.01 ± 2.05
Integral/binwidth 28.91 ± 1.93

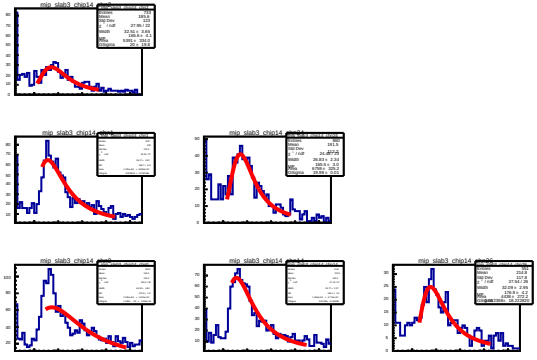

mip_slab2_chip15_ch13
Entries 1000
Mean 0.0
Std Dev 0.0
χ² / ndf 0.0 / 0
p0 0.0 ± 0.0
p1 0.0 ± 0.0
p2 0.0 ± 0.0
p3 0.0 ± 0.0
p4 0.0 ± 0.0
p5 0.0 ± 0.0
p6 0.0 ± 0.0
p7 0.0 ± 0.0
p8 0.0 ± 0.0
p9 0.0 ± 0.0

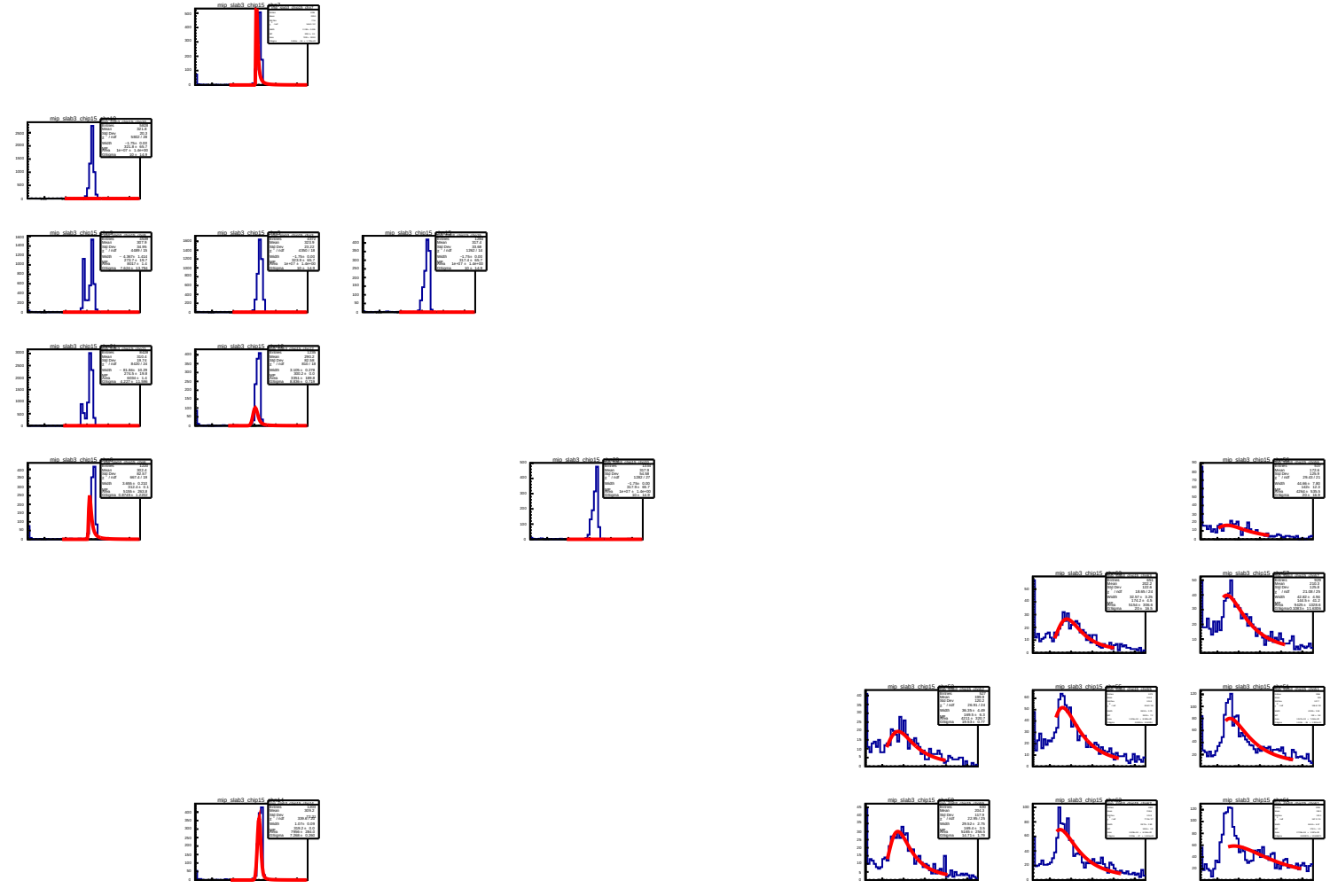

mip_slab3_chip1_chan3
Entries 10000
Mean 3.014
Std Dev 0.0175
χ² / ndf 12.75 / 6
Width 0.0 ± 0.0
Mean 3.014 ± 0.000
Sigma 0.0 ± 0.0
Integral 10000 ± 100.0

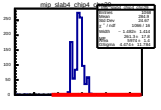

msp_slab3_chip8_c_ch16
Entries 1000
Mean 28.27
Std Dev 28.83
χ / ndf 320 / 17
Prob 0.0000
Mean -0.2019 ± 3.4142
Sigma 28.83 ± 0.4
Peak 2123 ± 4.4
Sigma 4.001 ± 0.04
220
200
180
160
140
120
100
80
60
40
20
0

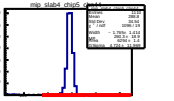

mip_slab3_chip12_strip52
Entries 1000
Mean 211.2
Std Dev 120.4
χ² / ndf 40.67 / 22
Width 29.72 ± 2.68
MPV 143.6 ± 4.0
Area 1000 ± 0.0
Sigma 0.0 ± 0.0
mip_slab3_chip12_strip53
Entries 1000
Mean 214.1
Std Dev 121.1
χ² / ndf 21.82 / 18
Width 35.75 ± 4.26
MPV 140.4 ± 5.2
Area 1000 ± 0.0
Sigma 0.0 ± 0.0
mip_slab3_chip12_strip54
Entries 1000
Mean 210.7
Std Dev 120.8
χ² / ndf 29.64 / 20
MPV 167.2 ± 92.1
Area 1000 ± 0.0
Sigma 0.0 ± 0.0
mip_slab3_chip12_strip55
mip_slab3_chip12_strip56
mip_slab3_chip12_strip57
Entries 1000
Mean 199.4
Std Dev 119.1
χ² / ndf 29.80 / 18
Width 39.11 ± 9.26
MPV 127.0 ± 3.7
Area 1000 ± 0.0
Sigma 11.0 ± 0.0
mip_slab3_chip12_strip58
mip_slab3_chip12_strip59
mip_slab3_chip12_strip60

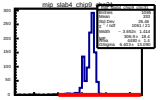

mip_slab3_chip13_chan1
mip_slab3_chip13_chan2
mip_slab3_chip13_chan3
mip_slab3_chip13_chan4
mip_slab3_chip13_chan5
mip_slab3_chip13_chan6
mip_slab3_chip13_chan7
mip_slab3_chip13_chan8
mip_slab3_chip13_chan9
mip_slab3_chip13_chan10
mip_slab3_chip13_chan11
mip_slab3_chip13_chan12

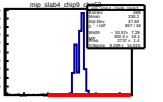

mip_slab3_chip14_chan1
mip_slab3_chip14_chan2
mip_slab3_chip14_chan3
mip_slab3_chip14_chan4
mip_slab3_chip14_chan5
mip_slab3_chip14_chan6

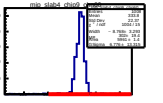


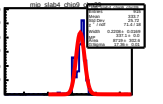

mip slab4 cbb4 ptm20
Entries 3000
Mean 263.2
Std Dev 20.47
χ / ndf 1.000 / 1
p0 1.450e+ 3 ± 0.0
p1 263.5 ± 17.4
p2 20.47 ± 0.01
Integral 4.472e+ 3 ± 0.0
250
200
150
100
50
0

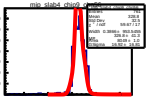

mip slab4 chip5 channel
Entries 1024
Mean 2868
Std Dev 1.7
Integral 1000.19
Underflow 0.0
Overflow 0.0
350
300
250
200
150
100
50
0

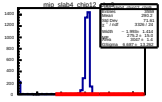

mip_slab4_chip2_chan24
Entries 122
Mean 28.68
χ² / ndf 1041 / 1
Width - 3.9010± 3.414
Area 1.0000± 1.000
Mean 0.0000± 0.0
Sigma 0.0000± 0.000

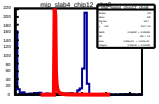

mip_slab4_chip2_chan25
Entries 3362
Mean 20.57
χ² / ndf 457 / 16
Width - 20.57± 7.28
Area 3.0000± 3.000
Mean 0.0000± 0.0
Sigma 0.0000± 0.000


mip_slab4_chip2_chan26
Entries 3318
Mean 8.760
χ² / ndf 1162 / 15
Width - 8.760± 6.240
Area 3.0000± 3.000
Mean 0.0000± 0.0
Sigma 0.0000± 0.000


mip_slab4_chip2_chan27
Entries 3362
Mean 29.74
χ² / ndf 2.4e+04 / 1
Width 0.2208± 2.4e+04
Area 207.0± 207.0
Mean 0.0000± 0.000
Sigma 0.0000± 0.000


mip_slab4_chip2_chan28
Entries 3362
Mean 30.1
χ² / ndf 59.67 / 2
Width 0.3008± 853.9e+05
Area 0.0000± 0.000
Mean 0.0000± 0.0
Sigma 0.0000± 0.000


mip_slab4_chip12
Entries 2000
Mean 292.2
Std Dev 13.17
χ² / ndf 3167 / 20
Width - 1.9850 ± 1.414
- 75.21 ± 15.0
MPV 292.1 ± 0.3
Integral 9.897e+ 0.0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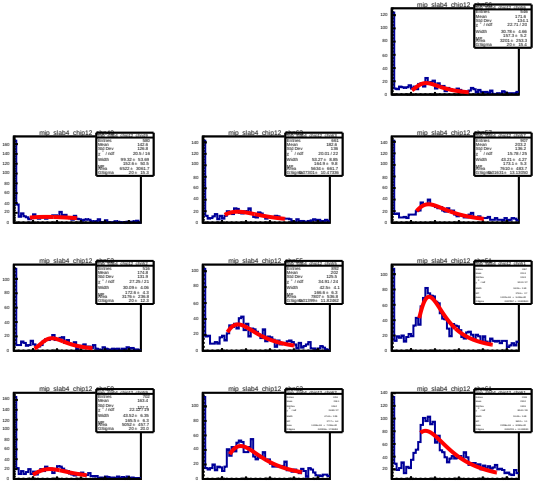
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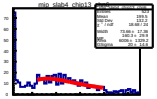
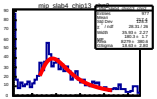
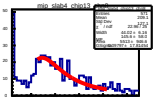
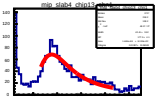
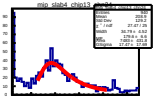
mip_slab4_chip12

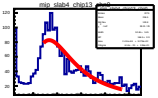

mip_slab4_chip13_strip1
Entries 3979
Mean 133.2
Std Dev 16.68 / 20
χ² / ndf
Width 75.89 ± 17.36
Area 1.000 ± 0.000
MPV 6000.1 ± 3325.2
Sigma 37.1 ± 1.4

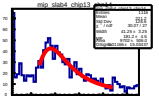

mip_slab4_chip13_strip2
Entries 3977
Mean 133.6
Std Dev 29.31 / 29
χ² / ndf
Width 25.92 ± 2.27
Area 1.00 ± 1.47
MPV 1.000 ± 0.000
Sigma 13.61 ± 2.02

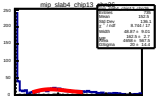

mip_slab4_chip13_strip3
Entries 3977
Mean 133.7
Std Dev 27.72
χ² / ndf
Width 44.63 ± 9.15
Area 500.9 ± 56.3
MPV 1000.0 ± 0.0
Sigma 30.573 ± 7.223

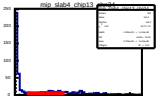

mip_slab4_chip13_strip4
Entries 3977
Mean 133.7
Std Dev 29.2
χ² / ndf
Width 30.79 ± 2.45
Area 1.000 ± 0.000
MPV 1.000 ± 0.000
Sigma 17.07 ± 2.18

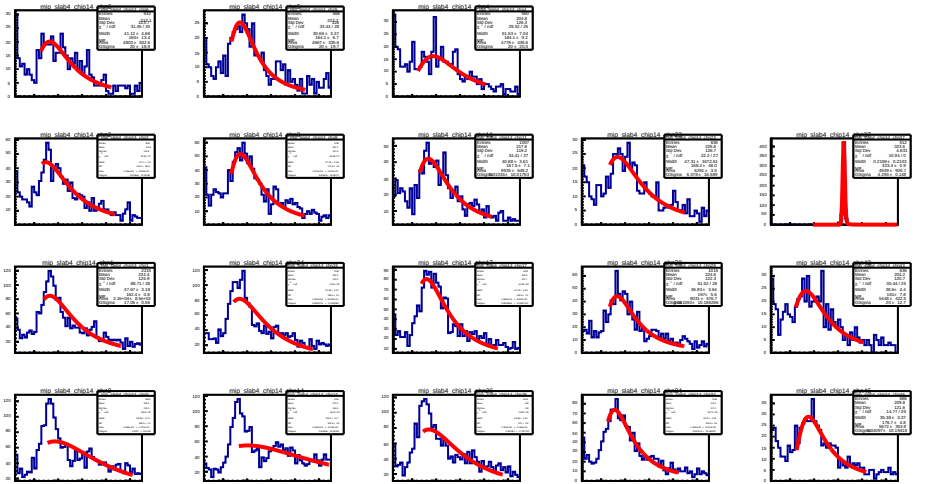

mip_slab4_chip13_strip5
Entries 3977
Mean 133.7
Std Dev 129.2
χ² / ndf
Width 32.79 ± 2.45
Area 1.000 ± 0.000
MPV 1.000 ± 0.000
Sigma 17.07 ± 2.18


mip_slab4_chip13_strip6
Entries 3977
Mean 133.7
Std Dev 29.2
χ² / ndf
Width 30.79 ± 2.45
Area 1.000 ± 0.000
MPV 1.000 ± 0.000
Sigma 17.07 ± 2.18


mip_slab4_chip13_strip7
Entries 3977
Mean 133.7
Std Dev 29.2
χ² / ndf
Width 41.29 ± 3.25
Area 1.000 ± 0.000
MPV 5000.0 ± 500.5
Sigma 30.01109 ± 23.3333


mip_slab4_chip13_strip8
Entries 3977
Mean 133.7
Std Dev 8.742 / 17
χ² / ndf
Width 80.87 ± 9.01
Area 1.000 ± 0.000
MPV 4000.0 ± 567.6
Sigma 20 ± 0.4


mip_slab4_chip13_strip9
Entries 3977
Mean 133.7
χ² / ndf
Width
Area
MPV
Sigma


mip slab4 chip14
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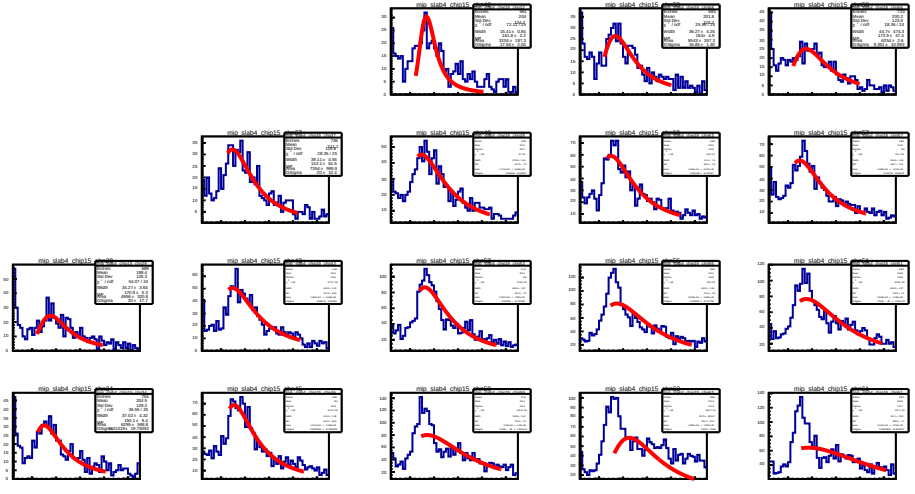
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