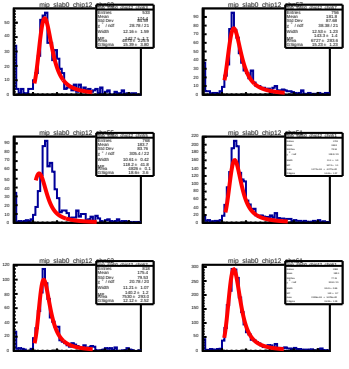
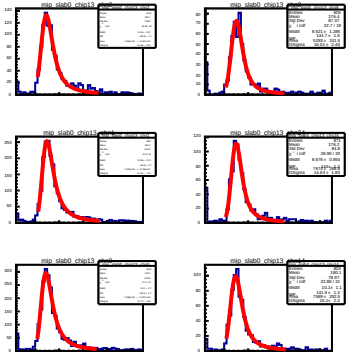

mip_slab0_chip12_chan52
Entries 1000
Mean 24.7
Std Dev 6.54
χ² / ndf 29.78 / 23
Width 12.16 ± 1.58
MPV 24.67 ± 4.5
Integral 25.78 ± 4.52
mip_slab0_chip12_chan53
Entries 1000
Mean 24.7
Std Dev 6.54
χ² / ndf 58.98 / 21
Width 12.01 ± 1.21
MPV 14.0 ± 1.4
Integral 62.21 ± 8.61
mip_slab0_chip12_chan55
Entries 1000
Mean 33.7
Std Dev 10.79
χ² / ndf 169.6 / 17
Width 33.61 ± 0.42
MPV 118.2 ± 41.8
Integral 1000 ± 0
Integral 24.66 ± 0
mip_slab0_chip12_chan56
Entries 1000
Mean 79.4
Std Dev 20.78
χ² / ndf 20.78 / 23
Width 11.21 ± 1.07
MPV 15.01 ± 1.4
Integral 75.07 ± 2.61
Integral 12.12 ± 0.2
mip_slab0_chip12_chan57
Entries 1000
Mean 79.4
Std Dev 20.78
χ² / ndf 20.78 / 23
Width 11.21 ± 1.07
MPV 15.01 ± 1.4
Integral 75.07 ± 2.61
Integral 12.12 ± 0.2
mip_slab0_chip12_chan58
Entries 1000
Mean 79.4
Std Dev 20.78
χ² / ndf 20.78 / 23
Width 11.21 ± 1.07
MPV 15.01 ± 1.4
Integral 75.07 ± 2.61
Integral 12.12 ± 0.2


mip_slab0_chip13_strip1
mip_slab0_chip13_strip2
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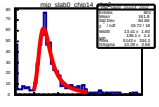
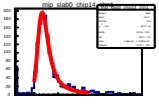
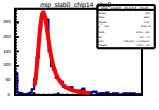
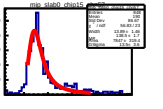
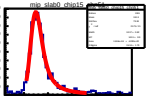
mip_slab0_chip13_strip4
mip_slab0_chip13_strip5
mip_slab0_chip13_strip6

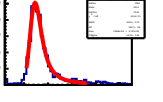

mip_slab0_chip14_chan0
Entries 1000
Mean 251.8
RMS 31.13
χ² / ndf 19.72 / 18
Prob 0.3
Const 13.02 ± 3.03
MPV 128.2 ± 1.4
Sigma 11.01 ± 0.54
Integral 11.01 ± 0.54

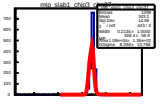

mip_slab0_chip14_chan1
Entries 1000
Mean 251.8
RMS 31.13
χ² / ndf 19.72 / 18
Prob 0.3
Const 13.02 ± 3.03
MPV 128.2 ± 1.4
Sigma 11.01 ± 0.54
Integral 11.01 ± 0.54

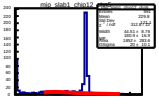

mip_slab0_chip14_chan2
Entries 1000
Mean 251.8
RMS 31.13
χ² / ndf 19.72 / 18
Prob 0.3
Const 13.02 ± 3.03
MPV 128.2 ± 1.4
Sigma 11.01 ± 0.54
Integral 11.01 ± 0.54

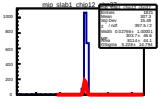

mip slab0 chip15 chan15
Entries 2000
Mean 56.7
RMS 6.77
χ² / ndf 56.81 / 21
Width 13.89 ± 1.05
MPV 100.6 ± 1.2
Area 1.6e+04 ± 0.2
σ / MPV 0.138 ± 0.0

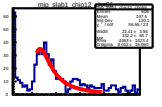

mip slab0 chip15 chan16

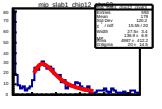

mip slab0 chip15 chan18

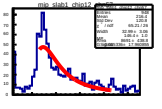

mip_slab1_chn3_cosmic
Entries 1259
Mean 1.214
Std Dev 0.4217
Integral 1437.9
Underflow 0.2134e+ 1.0000
Overflow 0.2134e+ 58.00
Mean x 1.000+/-0.0000
Mean y 0.2134e+ 57.+/-0.0
700
600
500
400
300
200
100
0

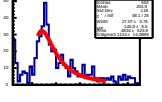

mip slab1 chip12 ch55
Entries 2314
Mean 311.2
Std Dev 22.2
χ² / ndf 311.2 / 14
Width 44.61 ± 9.71
Area 2314 ± 48.1
MPV 180.0 ± 30.0
Sigma 27.4 ± 1.1

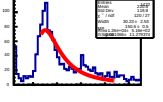

mip slab1 chip12 ch53
Entries 1314
Mean 357.4
Std Dev 19.0
χ² / ndf 39.5 / 2
Width 0.127e+1 ± 1.000e+1
Area 303.7 ± 69.4
MPV 0.000e+0 ± 0.000e+0
Sigma 9.000e+1 ± 1.75e

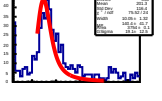

mip slab1 chip12 ch52
Entries 2314
Mean 311.2
Std Dev 22.2
χ² / ndf 56.66 / 21
Width 22.61 ± 3.46
Area 2314 ± 48.1
MPV 0.000e+0 ± 0.000e+0
Sigma 0.000e+0 ± 0.000e+0

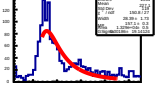

mip slab1 chip12 ch51
Entries 1314
Mean 357.4
Std Dev 19.0
χ² / ndf 15.58 / 20
Width 27.91 ± 3.4
Area 1.39e+3 ± 0.0
MPV 0.000e+0 ± 0.000e+0
Sigma 9.000e+1 ± 1.0

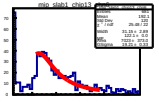

mip slab1 chip12 ch50
Entries 2314
Mean 311.2
Std Dev 22.2
χ² / ndf 66.21 / 18
Width 32.99 ± 3.05
Area 3.66e+4 ± 5.4
MPV 0.000e+0 ± 0.000e+0
Sigma 0.000e+0 ± 0.000e+0

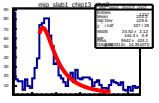

mip slab1 chip12 ch49
Entries 1314
Mean 357.4
Std Dev 19.0
χ² / ndf 39.24 / 18
Width 27.47 ± 3.76
Area 3.85 ± 0.5
MPV 0.000e+0 ± 0.000e+0
Sigma 9.000e+1 ± 1.000e

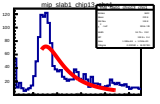

mip slab1 chip12 ch48
Entries 2314
Mean 311.2
Std Dev 19.8
χ² / ndf 39.24 / 18
Width 30.25 ± 3.46
Area 1.60e+4 ± 0.0
MPV 0.000e+0 ± 0.000e+0
Sigma 0.000e+0 ± 0.000e+0

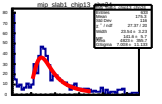

mip slab1 chip12 ch47
Entries 1314
Mean 357.4
Std Dev 19.0
χ² / ndf 75.92 / 19
Width 10.95 ± 1.32
Area 2.00e+3 ± 0.0
MPV 0.000e+0 ± 0.000e+0
Sigma 19.10 ± 0.5

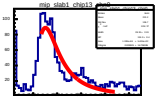

mip slab1 chip12 ch46
Entries 2314
Mean 311.2
Std Dev 22.2
χ² / ndf 150.8 / 17
Width 26.99 ± 1.73
Area 7.21e+4 ± 0.0
MPV 1.000e+0 ± 0.000e+0
Sigma 29.10 ± 0.0

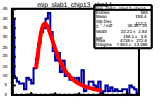

mip slab1 chip13 strip1
Entries 1152
Mean 152.1
Std Dev 25.08 / 22
χ² / ndf 29.08 / 22
Width 21.33 ± 2.93
MPV 152.1 ± 0.7
Integral 7223.1 ± 97.0
Sigma 13.73 ± 0.53

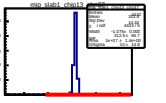

mip slab1 chip13 strip2
Entries 1272
Mean 147.9
Std Dev 17.73
χ² / ndf 52.77 / 26
Width 24.02 ± 2.12
MPV 148.4 ± 0.6
Integral 8000.0 ± 97.0
Sigma 14.40 ± 0.53

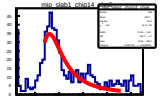

mip slab1 chip13 strip3
Entries 1272
Mean 150.4
Std Dev 19.6
χ² / ndf 38.6 / 25
Width 23.54 ± 3.25
MPV 150.4 ± 0.7
Integral 7900.0 ± 97.0
Sigma 14.12 ± 0.53

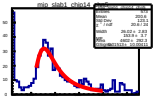

mip slab1 chip13 strip4
Entries 1272
Mean 147.1
Std Dev 17.94
χ² / ndf 27.97 / 24
Width 23.54 ± 3.25
MPV 150.9 ± 0.7
Integral 7900.0 ± 97.0
Sigma 14.12 ± 0.53

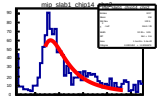

mip slab1 chip13 strip5
Entries 1272
Mean 150.4
Std Dev 19.6
χ² / ndf 38.6 / 25
Width 23.54 ± 3.25
MPV 150.4 ± 0.7
Integral 7900.0 ± 97.0
Sigma 14.12 ± 0.53

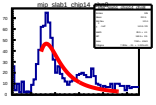

mip slab1 chip13 strip6
Entries 1272
Mean 147.1
Std Dev 17.94
χ² / ndf 27.97 / 24
Width 23.54 ± 3.25
MPV 150.9 ± 0.7
Integral 7900.0 ± 97.0
Sigma 14.12 ± 0.53

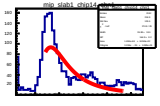

mip slab1 chip13 strip7
Entries 1272
Mean 16.16
Std Dev 4.07
χ² / ndf 1.07 / 1
Width 0.270 ± 0.010
MPV 112.9 ± 98.7
Integral 64.0 ± 97.0
Sigma 0.1 ± 0.0

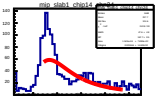

mip slab1 chip14 strip1

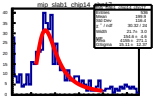

mip slab1 chip14 strip2

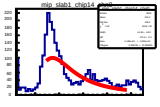

mip slab1 chip14 strip3

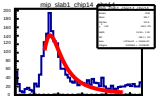

mip slab1 chip14 strip4

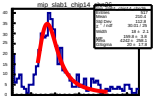

mip slab1 chip14 strip5

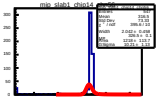

mip slab1 chip14 strip6

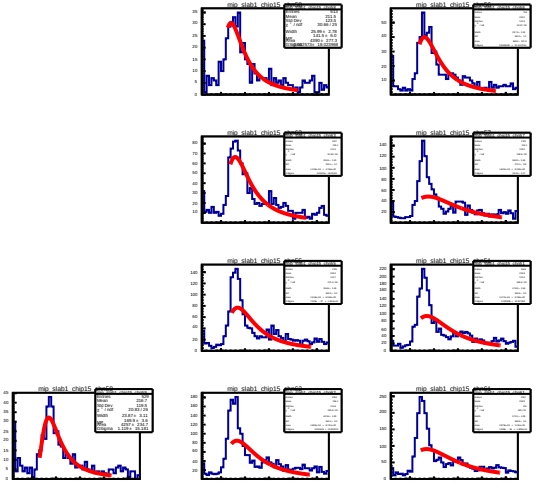

mip slab1 chip14 strip7


mip slab1 chip14 strip8


mip slab1 chip14 strip9


mip slab1 chip14 strip10


mip slab1 chip14 strip15


mip slab1 chip15
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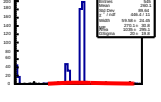
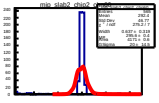
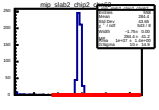
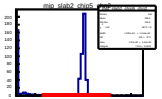
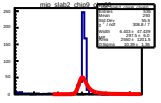
mip slab1 chip15

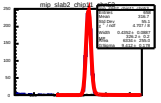

mip_slab2_chn0_cut1
Entries 2000
Mean 2.03
Mean x 39.42
Std Dev 108.07
Width 10.56 ± 24.05
Min -1.00
Max 2000 ± 28.3
Integral 30 ± 10.9
200
190
180
160
140
120
100
80
60
40
20
0

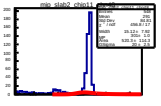

map_slab2_chip2_charge
Entries 1000
Mean 2927
Std Dev 2.577
Width 0.697 ± 0.918
Peak 256.0 ± 3.1
Area 255.1 ± 3.0
Chi2/ndf 2.5 / 3

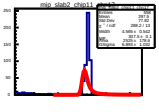

map_slab2_chip2_charge
Entries 1000
Mean 2914
Std Dev 2.577
Chi2/ndf 1633 / 8
Width 0.75± 0.00
Peak 256.0 ± 3.1
Area 1e+07 ± 1.e+00
Chi2/ndf 241 / 13

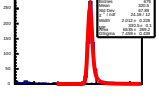

mip_slab2_chin5_strip2
200
180
160
140
120
100
80
60
40
20
0

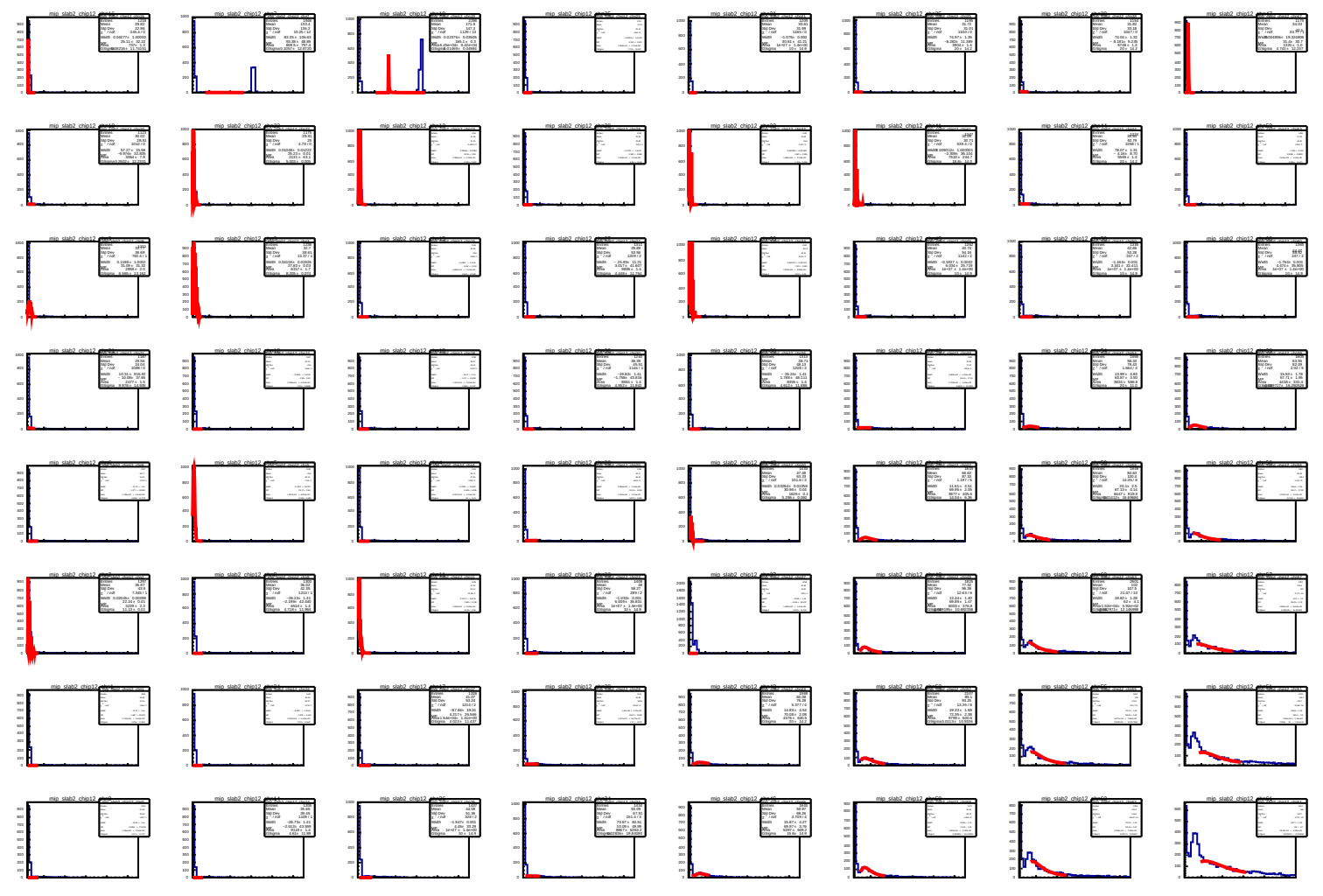

mip slab2 chip2 - ALL
Entries 1000
Mean 292
RMS 7.1
Mean (cut) 309.8
RMS (cut) 3.1
Width 5.4311 ± 47.835
Sigma 2.571 ± 0.0
Max 309.8
Position 309.8 ± 0.0
300
250
200
150
100
50
0

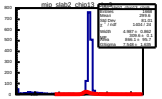

mip slab2 chip11 chn45
Entries 1000
Mean 316.2
Std Dev 3.02
χ² / ndf 4.707 / 6
Width 0.42024 ± 0.0667
Area 1000 ± 0.0
MPV 315.8 ± 0.0
Sigma 0.6114 ± 0.0

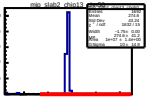

mip slab2 chip11 chn42
Entries 1000
Mean 316.2
Std Dev 3.02
χ² / ndf 250.87 / 5
Width 15.336 ± 7.42
Area 1000 ± 0.0
MPV 320.6± 0.0
Sigma 5.55 ± 0.0

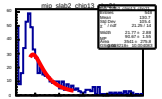

mip slab2 chip11 chn17
Entries 1000
Mean 297.2
Std Dev 77.42
χ² / ndf 2667.6 / 6
Width 2.5651 ± 0.62
Area 1000 ± 0.0
MPV 307.5 ± 0.1
Sigma 2.9551 ± 0.0

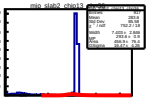

mip slab2 chip11 chn31
Entries 1000
Mean 302.9
Std Dev 3.03
χ² / ndf 14.287 / 12
Width 2.2021 ± 0.209
Area 1000 ± 0.0
MPV 303.5 ± 0.0
Sigma 2.2551 ± 0.0

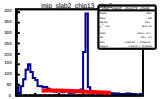



mip slab2 chip13


mip slab2 chip13


mip slab2 chip13


mip slab2 chip13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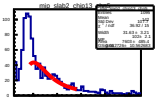
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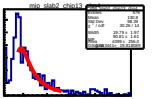
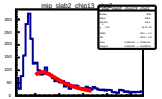

mip slab2 chip13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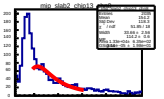
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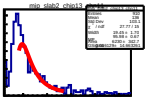
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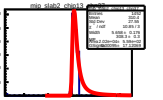
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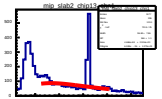
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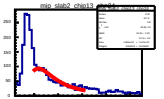
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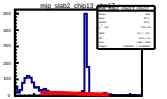
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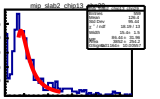
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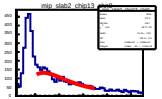
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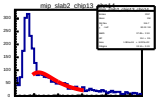
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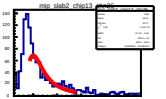
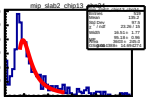

mip slab2 chip13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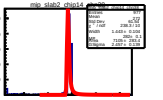
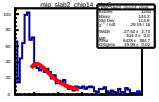
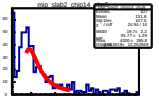
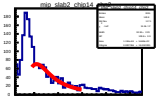
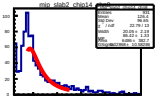
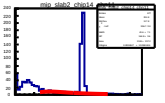

mip_slab2_chip14_strip32
Mean 1.000
Std Dev 0.017
N / ndf 2387 / 33
Width 1.643 ± 0.016
MPV 1.000 ± 0.000
Area 2189 ± 29.6
Sigma/Mean 2.997 ± 0.04

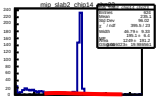

mip_slab2_chip14_strip0
Mean 14.04
Std Dev 11.0
N / ndf 29.18 / 38
Width 11.42 ± 0.73
MPV 0.000 ± 0.000
Area 1.00 ± 0.0
Sigma/Mean 0.000 ± 0.000

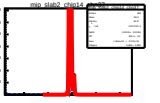

mip_slab2_chip14_strip1
Mean 13.0
Std Dev 10.0
N / ndf 24.84 / 32
Width 10.0 ± 0.1
MPV 0.000 ± 0.000
Area 0.00 ± 0.00
Sigma/Mean 0.000 ± 0.000

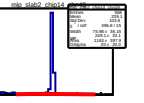

mip_slab2_chip14_strip2
Mean 0.000
Std Dev 0.000
N / ndf 0.000 / 0
Width 0.000 ± 0.000
MPV 0.000 ± 0.000
Area 0.000 ± 0.000
Sigma/Mean 0.000 ± 0.000


mip_slab2_chip14_strip3
Mean 14.0
Std Dev 12.0
N / ndf 22.79 / 13
Width 20.03 ± 2.13
MPV 88.63 ± 3.13
Area 1.00 ± 0.00
Sigma/Mean 0.000 ± 0.000

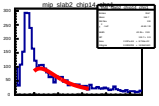

mip_slab2_chip14_strip4
Mean 0.000
Std Dev 0.000
N / ndf 0.000 / 0
Width 0.000 ± 0.000
MPV 0.000 ± 0.000
Area 0.000 ± 0.000
Sigma/Mean 0.000 ± 0.000

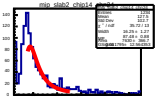

mip_slab2_chip14_strip5
Mean 0.000
Std Dev 0.000
N / ndf 0.000 / 0
Width 0.000 ± 0.000
MPV 0.000 ± 0.000
Area 0.000 ± 0.000
Sigma/Mean 0.000 ± 0.000

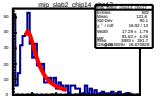

mip_slab2_chip14_strip6
Mean 0.000
Std Dev 0.000
N / ndf 399.8 / 22
Width 45.79 ± 9.15
MPV 195.4 ± 5.2
Area 1.00 ± 0.00
Sigma/Mean 0.000 ± 0.000

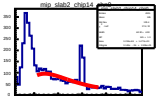

mip_slab2_chip14_strip7
Mean 0.000
Std Dev 0.000
N / ndf 0.000 / 0
Width 0.000 ± 0.000
MPV 0.000 ± 0.000
Area 0.000 ± 0.000
Sigma/Mean 0.000 ± 0.000

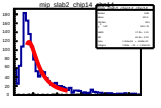
mip_slab2_chip14_strip8
Mean 0.000
Std Dev 0.000
N / ndf 0.000 / 0
Width 0.000 ± 0.000
MPV 0.000 ± 0.000
Area 0.000 ± 0.000
Sigma/Mean 0.000 ± 0.000

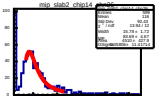

mip_slab2_chip14_strip9
Mean 0.000
Std Dev 0.000
N / ndf 0.000 / 0
Width 0.000 ± 0.000
MPV 0.000 ± 0.000
Area 0.000 ± 0.000
Sigma/Mean 0.000 ± 0.000

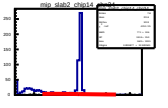

mip_slab2_chip14_strip10
Mean 12.0
Std Dev 10.0
N / ndf 10.29 / 1.17
Width 87.00 ± 0.28
MPV 79.63 ± 0.03
Sigma/Mean 0.000 ± 0.000

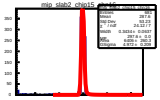

mip_slab2_chip14_strip11
Mean 16.0
Std Dev 30.1
N / ndf 16.00 / 1
Width 17.29 ± 1.78
MPV 30.62 ± 0.29
Sigma/Mean 1.882 ± 0.12
Sigma/Mean 0.000 ± 0.000

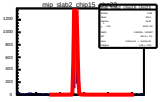

mip_slab2_chip14_strip12
Mean 0.000
Std Dev 0.000
N / ndf 0.000 / 0
Width 0.000 ± 0.000
MPV 0.000 ± 0.000
Area 0.000 ± 0.000
Sigma/Mean 0.000 ± 0.000

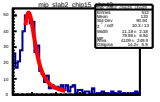

mip_slab2_chip14_strip13
Mean 0.000
Std Dev 0.000
N / ndf 0.000 / 0
Width 0.000 ± 0.000
MPV 0.000 ± 0.000
Area 0.000 ± 0.000
Sigma/Mean 0.000 ± 0.000

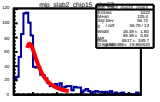

mip_slab2_chip14_strip14
Mean 0.000
Std Dev 0.000
N / ndf 0.000 / 0
Width 0.000 ± 0.000
MPV 0.000 ± 0.000
Area 0.000 ± 0.000
Sigma/Mean 0.000 ± 0.000


mip_slab2_chip14_strip15
Mean 0.000
Std Dev 0.000
N / ndf 0.000 / 0
Width 0.000 ± 0.000
MPV 0.000 ± 0.000
Area 0.000 ± 0.000
Sigma/Mean 0.000 ± 0.000


mip slab2 chip15


mip slab2 chip15


mip slab2 chip15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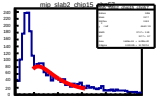
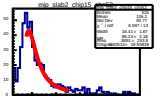
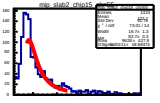
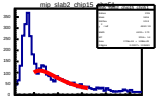

mip slab2 chip15


mip slab2 chip15


mip slab2 chip15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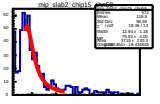
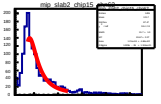
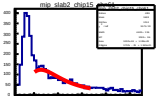
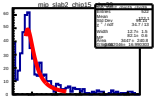
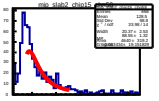
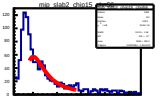

mip slab2 chip15

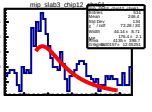

mip slab2 chip15


mip slab2 chip15


mip slab2 chip15


mip slab2 chip15


mip slab2 chip15


mip slab3 chip12 ped3
Entries 2484
Mean 72.28
RMS 22.18
Width 44.16 ± 6.71
MPV 71.29 ± 2.08
Sigma 10.01 ± 10.13
Chi2/NDF 22.33 / 6
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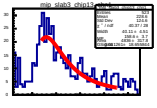
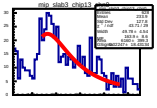
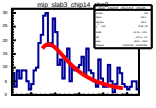

mip_slab3_chip13_chan1
Entries 7779
Mean 13.14
Std Dev 13.16
χ² / ndf 40.12 / 19
Const 43.12 ± 4.51
MPV 3.68 ± 0.37
Sigma 10.00 ± 0.04
Total 18.00 ± 0.04


mip_slab3_chip13_chan2
Entries 7779
Mean 13.14
Std Dev 13.16
χ² / ndf 43.71 / 19
Const 45.78 ± 4.54
MPV 3.68 ± 0.37
Sigma 10.00 ± 0.04
Total 18.00 ± 0.04


map_slab3_chip14
Entries 1000
Mean 0.4
RMS 0.3
Underflow 0
Overflow 0
Integral 1000
p0 0.8 ± 0.6
p1 -0.9 ± 0.1
p2 0.0 ± 0.0
Constant 0.0 ± 0.0
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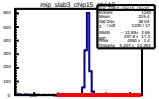
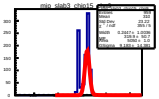
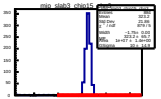
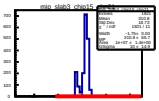
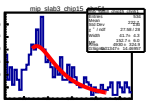
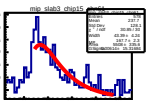

mip slab3 chip15 chan15
Entries 1000
Mean 1014
Std Dev 10.4
χ² / ndf 1320 / 17
Width 2.86 ± 2.86
MPV 1004 ± 1.0
Area 9.87e ± 10.0

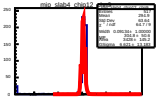

mip slab3 chip15 chan15
Entries 1000
Mean 102
Std Dev 10.1
χ² / ndf 253 / 5
Width 0.2047 ± 0.0099
1016.5 ± 10.7
MPV 1000 ± 1.0
Area 9.1e3 ± 1.0e3


mip slab3 chip15 chan15
Entries 1000
Mean 1014
Std Dev 10.4
χ² / ndf 2.1e3 / 17
Width 1.79e ± 0.0
MPV 1014 ± 0.0
Area 1e+07 ± 1.1e+0


mip slab3 chip15 chan15
Entries 1000
Mean 1002
Std Dev 19.1
χ² / ndf 1.2e3 / 15
Width 1.79e ± 0.0
MPV 1010.8 ± 30.7
Area 1e+07 ± 1.1e+03
Sigma 22.4 ± 0.0


mip slab3 chip15 chan15
Entries 2000
Mean 2000
Std Dev 7.68
χ² / ndf 2.1e3 / 8
Width 2.71 ± 2.8
MPV 1027.1 ± 1.0
Area 1.1e3 ± 0.0
Sigma 0.0007 ± 0.0007


mip slab3 chip15 chan15
Entries 2000
Mean 2000
Std Dev 10.2
χ² / ndf 10.8e3 / 12
Width 4.19e ± 4.1e
MPV 1000 ± 0.0
Area 1000 ± 10.1
Sigma 0.0010 ± 0.0010


mso stat4 chan17
Count 294.0
Mean 294.0
Std Dev 0.000
Min 112.7 V
Max 112.7 V
Width 0.000e+ 1.00000
2.000 s 500 S
Mag 1.000 V/div
Offset 0.000 V 1.0 V/div
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