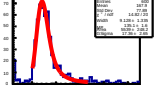
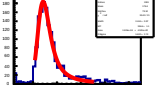
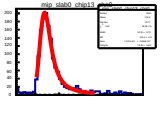
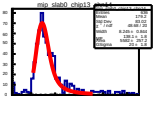
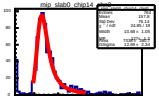
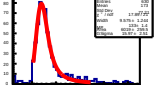

mip_slab0_chip12_ch0
Entries 1000
Mean 20.18
RMS 2.07
χ² / ndf 14.82 / 23
Width 9.128 ± 1.376
Sigma 1.000 ± 0.000
MPV 19.09 ± 2.82
Integral 17.36 ± 0.00

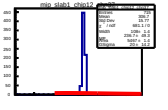

mip_slab0_chip12_ch0

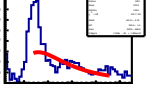

mip_slab0_chip13
Entries 2000
Mean 0.0
RMS 0.0
χ^2 / ndf 0.0 / 0
Width 0.0 ± 0.0
MPV 0.0 ± 0.0
Area 0.0 ± 0.0
Sigma 0.0 ± 0.0

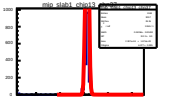

mip_slab0_chip13
Entries 2000
Mean 17.12
RMS 17.12
χ^2 / ndf 48.88 / 22
Width 0.326 ± 0.010
MPV 0.000 ± 0.000
Area 0.000 ± 0.000
Sigma 0.0 ± 0.0

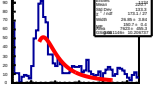

msp_slab0_chip14_adc
Fit Parameters
Name Value
Width 28.18
Peak/Ped 24.85
χ2 / ndf 24.85 / 19
Width 13.68 ± 1.05
Peak 1.0
Ped 0.0
Integral 12.68 ± 0.74
100
80
60
40
20
0

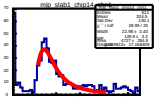

mip_slab0_chip15_pedsub
Entries 1000
Mean 1.54
Underflow 0
Overflow 0
χ² / ndf 17.97 / 17
Width 9.97e-1 ± 1.21e-1
Mpv 1.07 ± 0.04
Area 602.7 ± 28.5
Sigma 0.97 ± 0.03

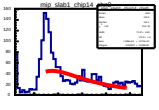

mip_slab1_chip12_chan36
Entries 1024
Mean 33.17
Std Dev 0.0000
Const 1280. ± 0
Mean 236.74 ± 0.0
Sigma 0.0000 ± 0.0
Chi2/ndf 1024. / 0
450
400
350
300
250
200
150
100
50
0

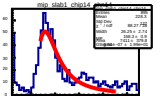

mip_slab1_chip12_chan36
Entries 1024
Mean 33.17
Std Dev 0.0000
Const 1280. ± 0
Mean 236.74 ± 0.0
Sigma 0.0000 ± 0.0
Chi2/ndf 1024. / 0
80
75
70
65
60
55
50
45
40
35

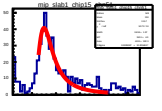

mip slab1 chip13 strip2
Entries 1000
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
Integral 1000.000
Skewness 0.000
Kurtosis 0.000
Underflow 0.000
Overflow 0.000
1000
800
600
400
200
0

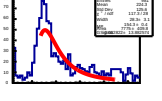

mip slab1 chip13 strip2
Entries 1000
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
Integral 1000.000
Skewness 0.000
Kurtosis 0.000
Underflow 0.000
Overflow 0.000
Constant 133.3
± 7.08
Mean 26.85 ± 3.84
Sigma 172.1 ± 17.07
Chi2 / ndf 7.6211 / 20.5
Prob 0.9999
Constant 32.22 ± 0.0
90
80
70
60
50
40
30
20
10
0

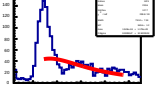

mip slab1 chip14 chan1
Entries 2024
Mean 39.57
Std Dev 3.91
χ² / ndf 29.67 / 17
Constant 23.98 ± 2.23
Mean 3.69 ± 0.0
Sigma 0.77 ± 0.03
Landau MPV 37.7 ± 0.0

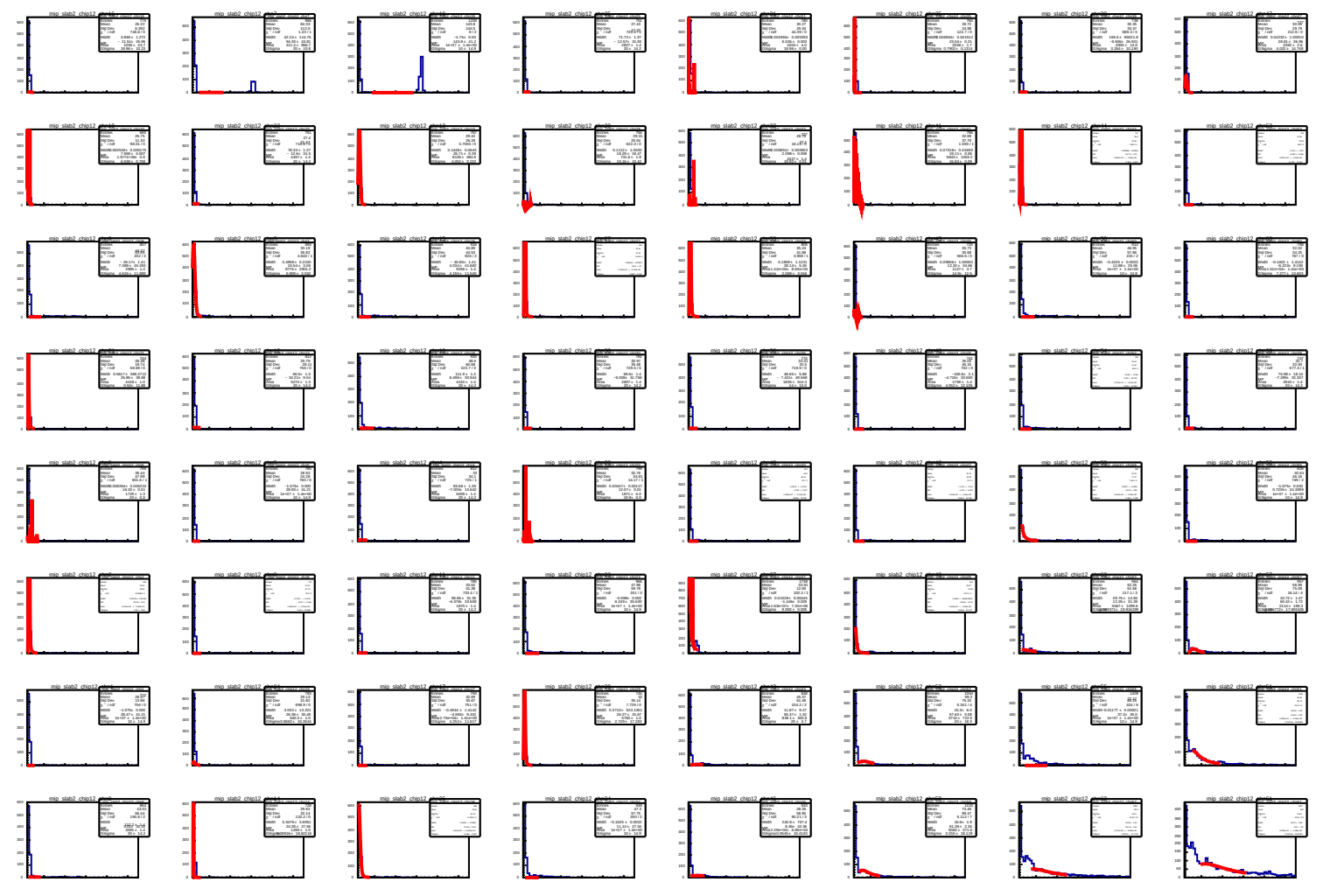

mip slab1 chip14 chan2
Entries 2024
Mean 39.27
Std Dev 3.73
χ² / ndf 50.27 / 18
Constant 26.29 ± 2.3
Mean 3.69 ± 0.0
Sigma 0.61 ± 0.0
Landau MPV 37.1 ± 0.0

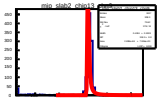

mip slab1 chip14 chan3
Entries 2024
Mean 39.27
Std Dev 3.73
χ² / ndf 50.27 / 18
Constant 26.29 ± 2.3
Mean 3.69 ± 0.0
Sigma 0.61 ± 0.0
Landau MPV 37.1 ± 0.0

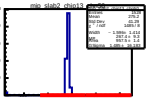

mip slab1 chip15 chan56
Entries 2000
Mean 20.17
RMS 10.18
χ² / ndf 117.7 / 18
Width 20.9 ± 0.1
MPV 17.9 ± 0.1
Area 7779 ± 105.0
Sigma 14.0 ± 0.1

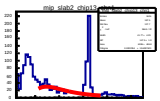

mip slab1 chip15 chan55

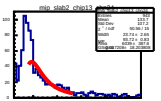

mip slab1 chip15 chan54

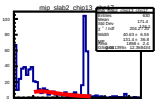


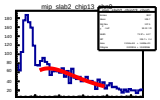

mip slab2 chip13

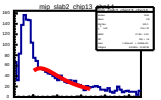

mip slab2 chip13

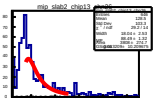

mip slab2 chip13

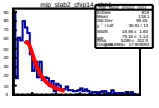

mip slab2 chip13

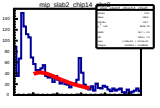

mip slab2 chip13

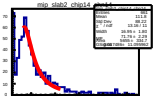

mip slab2 chip13

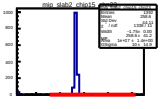

mip slab2 chip13

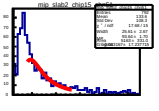

mip slab2 chip13

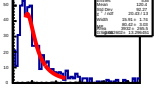

mip_slab2_chip14_chn1
Entries 7394
Mean 1.611
Std Dev 88.65
χ² / ndf 36.95 / 15
Width 19.95 ± 1.65
MPV 78.15 ± 3.24
Area 5300 ± 300.0
Gauss Sigma 17.00 ± 0.00

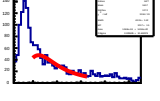

mip_slab2_chip14_chn2
Entries 7394
Mean 1.611
Std Dev 88.65
χ² / ndf 36.95 / 15
Width 19.95 ± 1.65
MPV 78.15 ± 3.24
Area 5300 ± 300.0
Gauss Sigma 17.00 ± 0.00

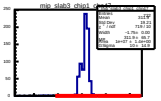

mip_slab2_chip14_chn3
Entries 7394
Mean 1.611
Std Dev 88.65
χ² / ndf 36.95 / 15
Width 19.95 ± 1.65
MPV 78.15 ± 3.24
Area 5300 ± 300.0
Gauss Sigma 17.00 ± 0.00

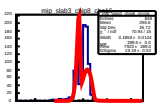

mip_slab2_chip15_chan13
Entries 1000
Mean 207.4
Std Dev 2.07
χ² / ndf 1.08e+07 / 0
Width -1.75e-01 ± 5.01
MPV 207.8 ± 20.2
Area 9.47e+07 ± 1.01e+06
Sigma 3.0 ± 0.0

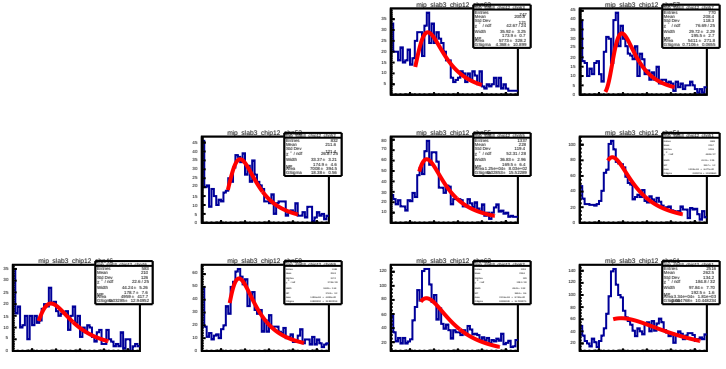

mip_slab2_chip15_chan14
Entries 1000
Mean 110.1
Std Dev 109.3
χ² / ndf 1.07 / 1
Width 35.61 ± 2.97
MPV 59.60 ± 1.76
Area 7.01e+7 ± 2.01e+6
Sigma 17.7 ± 0.0


mip_slab2_chip15_chan15
Entries 1000
Mean 102.0
Std Dev 20.67
χ² / ndf 20.67 / 13
Width 35.95 ± 1.75
MPV 20.67 ± 0.13
Area 2002 ± 206.5
Sigma 14.00 ± 0.00


mip_slab2_chip15_chan16
Entries 1000
Mean 0.0
Std Dev 0.0
χ² / ndf 0.0 / 0
Width 0.0 ± 0.0
MPV 0.0 ± 0.0
Area 0.0 ± 0.0
Sigma 0.0 ± 0.0


mip_slab3_chip1_chan25
Entries 3000
Mean 3.07
Std Dev 19.21
χ² / ndf 7.97 / 20
Width 0.78± 0.62
Mean 3.07± 3.07
MPV 0.07± 3.44
Sigma 0.04± 0.04


mip_slab3_dig8_cut5
220
200
180
160
140
120
100
80
60
40
20
0
Entries 28 000
Mean 26.12
RMS 26.72
χ² / ndf 75.91 / 15
Width 0.1884 ± 0.0124
Area 1.000 ± 0.000
MPV 25.01 ± 0.01
Sigma 24.34 ± 0.01


mip_slab3_chip12
mip_slab3_chip12
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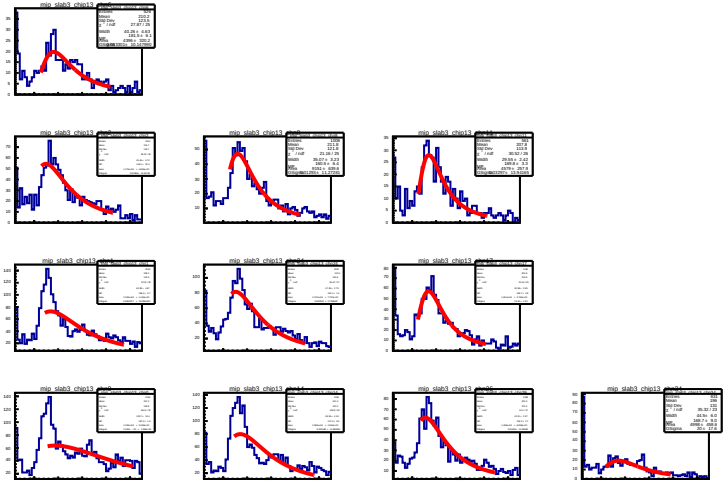
mip_slab3_chip13_strip1
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mip_slab3_chip13_strip3
mip_slab3_chip13_strip4
mip_slab3_chip13_strip5
mip_slab3_chip13_strip6
mip_slab3_chip13_strip7
mip_slab3_chip13_strip8
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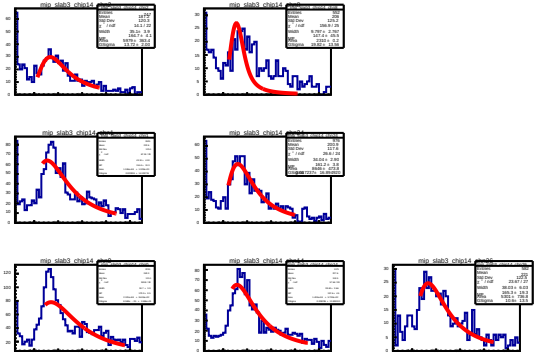
mip_slab3_chip13_strip12


mip_slab3_chip14_strip1
mip_slab3_chip14_strip2
mip_slab3_chip14_strip3
mip_slab3_chip14_strip4
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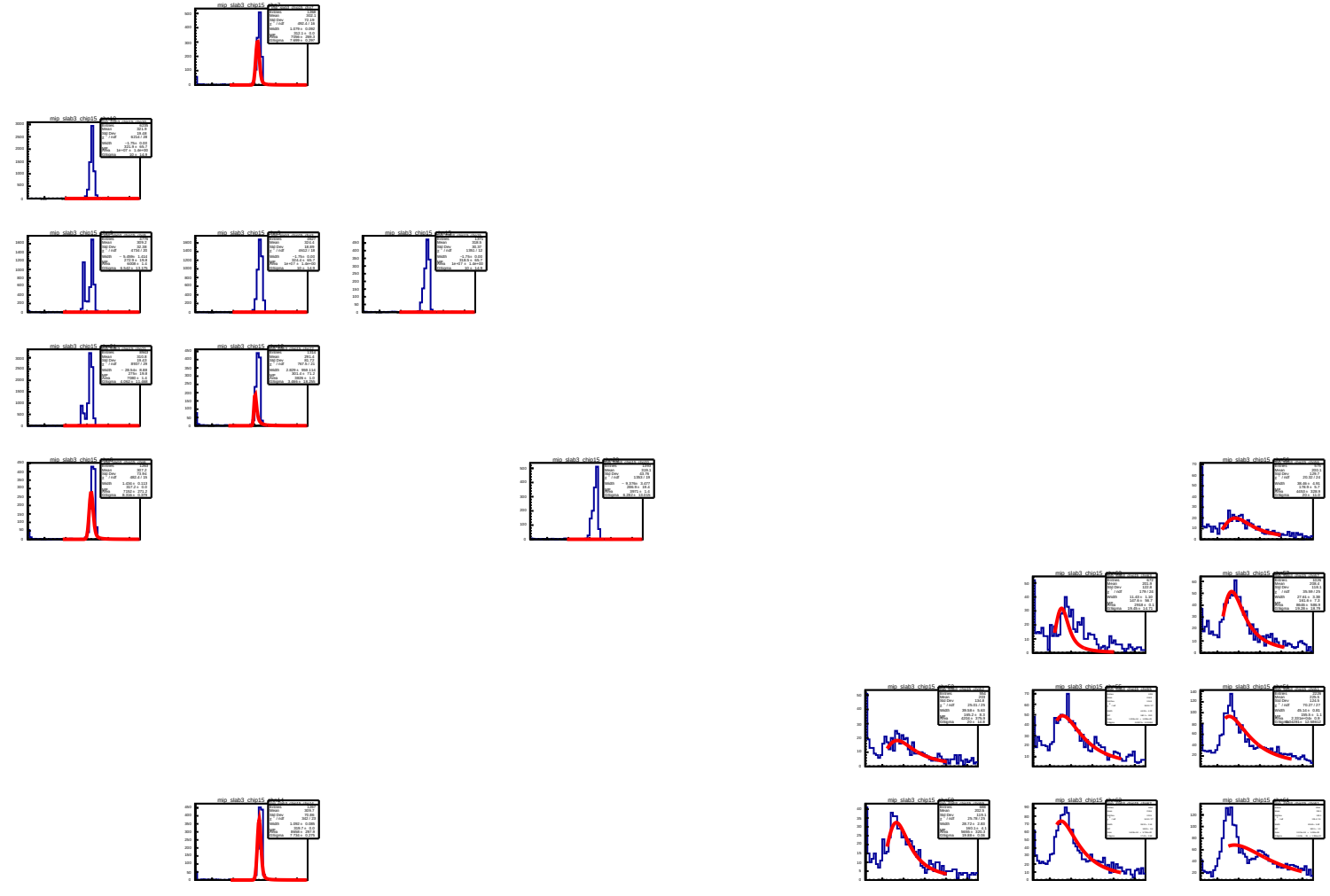
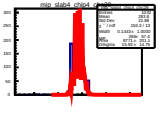
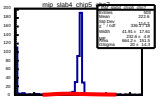
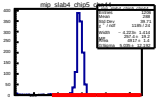
mip_slab3_chip14_strip6
mip_slab3_chip14_strip7




mip_slab4_cosd_step20
Entries 2000
Mean 22.12
Std Dev 22.08
χ² / ndf 1.08 / 1
Prob 0.3489
Constant 1.0000 ± 0.0000
Mean 22.12 ± 0.02
Sigma 22.021 ± 0.016
350
300
250
200
150
100
50
0


mip slab4 chip5 chan2
Entries 2000
Mean 1.000
Std Dev 0.0
χ² / ndf 2.000 / 0
Width 0.0000 ± 17.00
Mean 0.0000 ± 0.000
Sigma 0.0000 ± 0.0
Integral 2000 ± 0.0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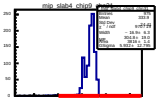
Mean 1.000
Std Dev 0.0
χ² / ndf 1180 / 0
Width − 0.0000 ± 1.414
Mean 0.0000 ± 0.0
Sigma 0.0000 ± 0.0
Integral 0.0000 ± 0.0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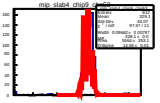
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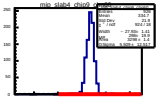
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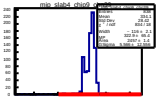
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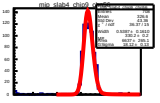
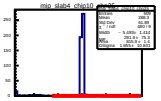
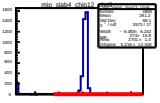
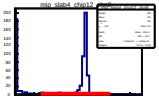

mip_slab4_chip0_chan28


mip_slab4_chn312_par_05
Entries 2857
Mean 32.78
Std Dev 2007.6
Underflow 0.0000 0.0000
Overflow 0.0000 0.0000
Integral 1.0000 2.8570
300
250
200
150
100
50
0


mip_slab4_chip12_chan56
Entries 1000
Mean 261.2
Std Dev 19.17
χ² / ndf 3537 / 1
Width − 6.000e − 6.100
2.71e − 15.0
Min 1.000
Integral 1.000e − 1.000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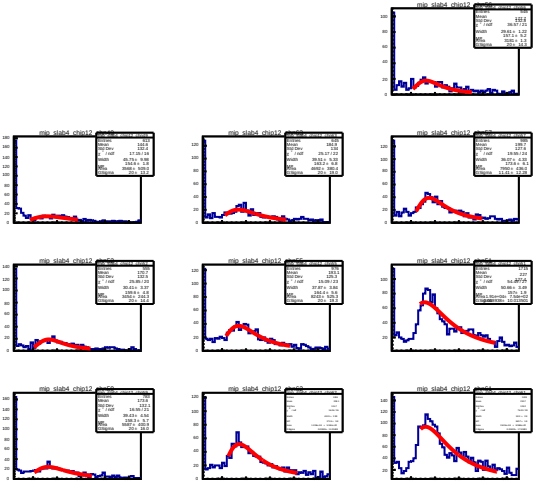
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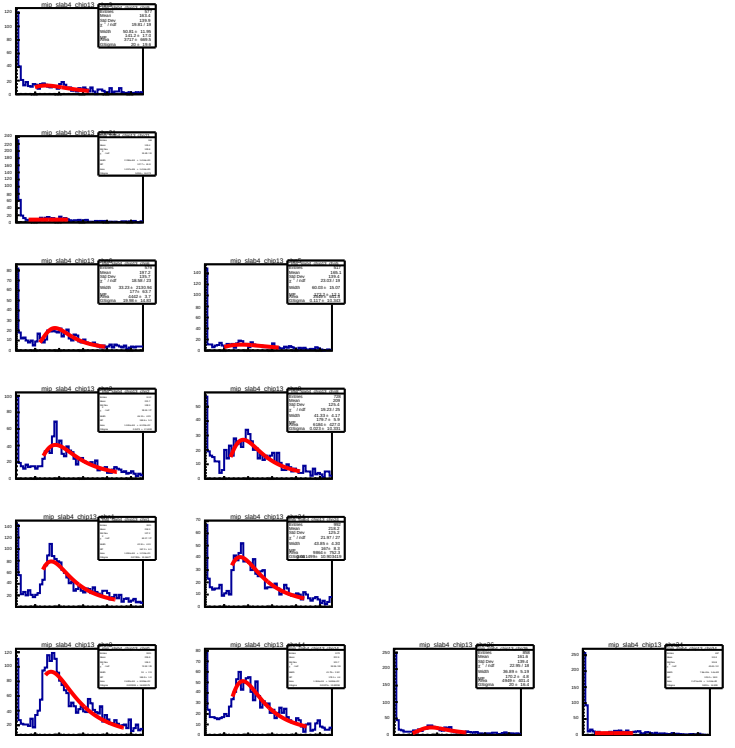
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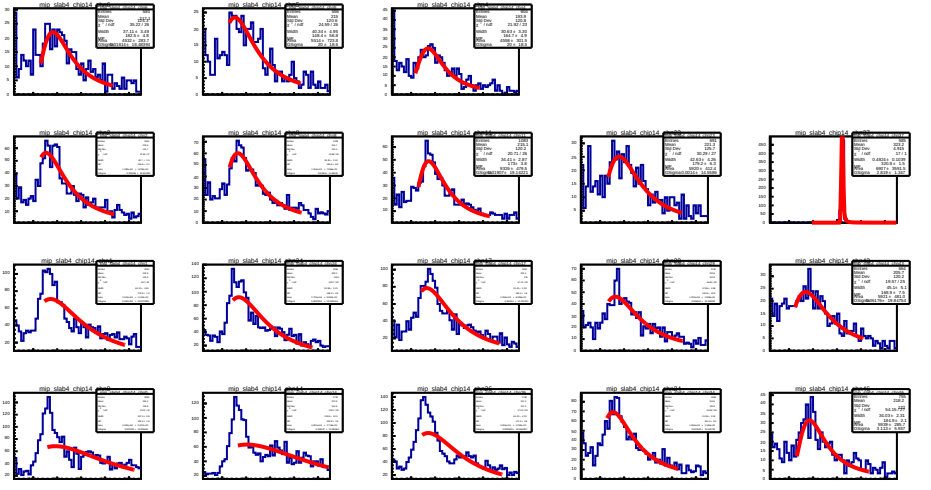
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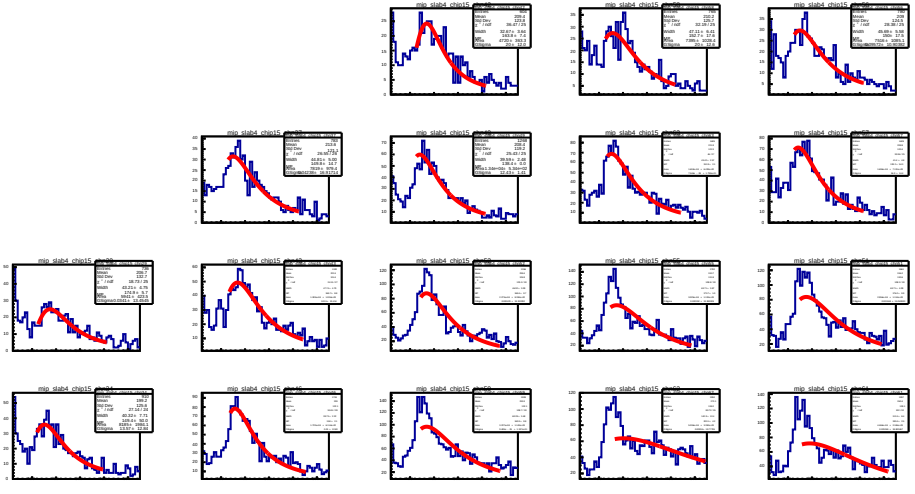
mip_slab4_chip15_chan56
Mean 2552.2
Std Dev 1.0
χ² / ndf 26.47 / 25
Width 32.67 ± 9.75
MPV 1.000 ± 0.000
Integral 47.00 ± 14.01
mip_slab4_chip15_chan57
Mean 2552.2
Std Dev 1.0
χ² / ndf 32.16 / 25
Width 27.21 ± 8.41
MPV 1.000 ± 0.000
Integral 35.00 ± 11.0
mip_slab4_chip15_chan58
Mean 2552.2
Std Dev 1.0
χ² / ndf 28.38 / 25
Width 45.85 ± 9.95
MPV 1.000 ± 0.000
Integral 79.00 ± 16.00
mip_slab4_chip15_chan59
Mean 2552.2
Std Dev 1.0
χ² / ndf 29.42 / 25
Width 21.81 ± 5.00
MPV 1.000 ± 0.000
Integral 32.00 ± 7.0
mip_slab4_chip15_chan60
Mean 2552.2
Std Dev 1.0
χ² / ndf 25.43 / 25
Width 39.93 ± 2.05
MPV 1.000 ± 0.000
Integral 52.00 ± 3.00
mip_slab4_chip15_chan61
mip_slab4_chip15_chan62
mip_slab4_chip15_chan63
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