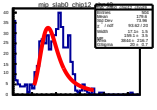
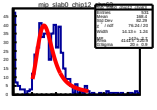
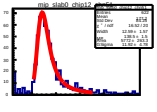
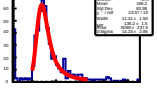
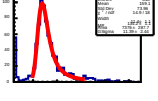
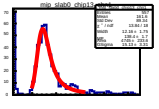

mip_slab0_chip12_chan52
Entries 1768
Mean 2.672
Std Dev 0.9114
χ² / ndf 93.62 / 26
Width 17.51 ± 1.1
MPV 3.615 ± 0.3
Area 3844 ± 57.1
Sigma 0.7 ± 0.1

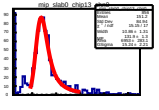

mip_slab0_chip12_chan53
Entries 1334
Mean 2.67
Std Dev 0.8
χ² / ndf 79.20 / 29
Width 14.13 ± 1.24
MPV 3.115 ± 0.1
Area 3117 ± 53
Sigma 0.7 ± 0.2

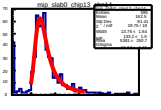

mip_slab0_chip12_chan54
Entries 1334
Mean 2.67
Std Dev 0.8
χ² / ndf 84.94 / 27
Width 12.94 ± 1.07
MPV 3.39 ± 0.1
Area 3 ± 0.3
Sigma 0.7 ± 0.1

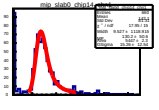

mip_slab0_chip12_chan55
Entries 1334
Mean 2.67
Std Dev 0.8
χ² / ndf 23.67 / 19
Width 11.41 ± 1.93
MPV 3.39 ± 0.1
Area 4389 ± 137.3
Sigma 0.7 ± 0.2

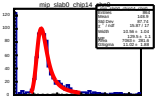

mip_slab0_chip12_chan56
Entries 1334
Mean 2.67
Std Dev 0.8
χ² / ndf 14.8 / 18
Width 12.45 ± 1.1
MPV 3.39 ± 0.1
Area 7270 ± 187.7
Sigma 0.7 ± 0.1

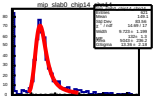

mip_slab0_chip13_chan4
Entries 2000
Mean 39.12
Std Dev 89.34
χ² / ndf 1938 / 98
Width 12.32 ± 1.79
MPV 128.4 ± 1.7
Integral 19.91 ± 0.14

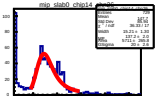

mip_slab0_chip13_chan5
Entries 2000
Mean 39.12
Std Dev 89.34
χ² / ndf 15.15 / 17
Width 10.86 ± 1.31
MPV 128.4 ± 1.7
Integral 9.953 ± 0.0[illegible]
Integral 19.91 ± 0.1[illegible]

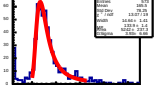

mip_slab0_chip13_chan14
Entries 2000
Mean 39.12
Std Dev 89.34
χ² / ndf 16.767 / 17
Width 13.79 ± 1.63
MPV 128.4 ± 1.7
Integral 9.953 ± 0.0[illegible]
Integral 19.91 ± 0.1[illegible]

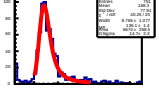

mip_slab0_chip14_chan1
Entries 1294
Mean 1.000
Std Dev 0.014
χ² / ndf 17.93 / 6
Width 0.5027 ± 1.038E-03
MPV 1.012 ± 9.01E-04
Integral 19.39 ± 2.52

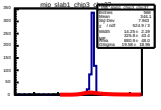

mip_slab0_chip14_chan2
Entries 1614
Mean 1.000
Std Dev 0.015
χ² / ndf 15.87 / 13
Width 10.56 ± 1.01
MPV 13.02 ± 0.74
Integral 13.02 ± 1.05

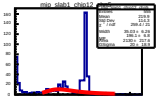

mip_slab0_chip14_chan3
Entries 1214
Mean 1.000
Std Dev 0.015
χ² / ndf 14.80 / 17
Width 9.725 ± 1.309
MPV 13.58 ± 1.14
Integral 13.58 ± 1.14

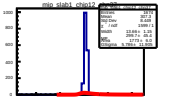

mip_slab0_chip14_chan4
Entries 1614
Mean 1.000
Std Dev 0.015
χ² / ndf 36.83 / 17
Width 15.21 ± 1.20
MPV 20.01 ± 0.74
Integral 20.01 ± 0.74

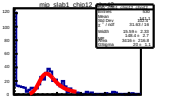

mip_slab0_chip15_chan30
Entries 1000
Mean 38.01
RMS 7.86
χ² / ndf 13.07 / 19
Width 14.66 ± 1.41
MPV 37.13 ± 0.37
Area 5222 ± 137.3
Sigma 2.93 ± 0.26

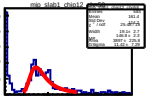

mip_slab0_chip15_chan31
Entries 1000
Mean 34.17
RMS 7.12
χ² / ndf 10.26 / 17
Width 8.799 ± 1.217
MPV 34.57 ± 0.37
Area 6070 ± 168.5
Sigma 2.74 ± 0.3

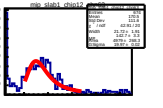

mip_slab1_chip3_ch10
Entries 1000
Mean 1.000
Mean x 512.5
Std Dev 512.8 ± 0.9
Underflow 0
Overflow 0
Integral 1000.0 ± 31.6
Skewness 0.000 ± 0.000
Kurtosis -0.000 ± 0.000
350
300
250
200
150
100
50
0

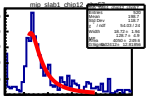

mip slab1 chip12 chan25
Mean 213.9
Std Dev 13.4
χ² / ndf 299.4 / 21
Width 35.63 ± 9.73
Peak 213.9 ± 0.4
MPV 210.1 ± 0.4
Integral 14.4 ± 0.4

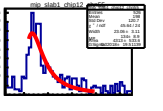

mip slab1 chip12 chan30
Mean 217.4
Std Dev 13.4
χ² / ndf 1668 / 9
Width 13.69 ± 1.31
Peak 299.7 ± 16.6
MPV 214.7 ± 0.4
Integral 9.7017 ± 0.303

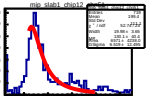

mip slab1 chip12 chan35
Mean 181.4
Std Dev 13.9
χ² / ndf 31.43 / 16
Width 15.83 ± 2.75
Peak 181.4 ± 0.4
MPV 34.66 ± 2.04 ±
Integral 27.4 ± 1.4

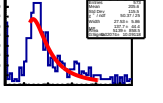

mip slab1 chip12 chan40
Mean 192.2
Std Dev 13.9
χ² / ndf 25.48 / 14
Width 19.25 ± 2.7
Peak 192.2 ± 0.4
MPV 50.07 ± 2.04 ±
Integral 21.42 ± 1.2

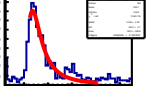

mip slab1 chip12 chan45
Mean 213.5
Std Dev 13.9
χ² / ndf 62.61 / 20
Width 21.72 ± 1.91
Peak 140.7 ± 3.3
MPV 54.03 ± 2.04 ±
Integral 19.97 ± 0.52

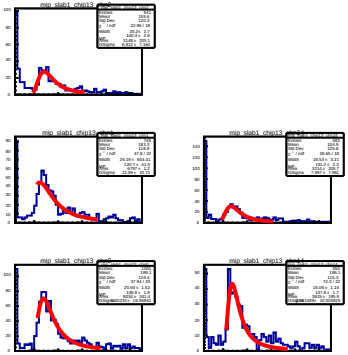

mip slab1 chip12 chan50
Mean 196.7
Std Dev 14.0
χ² / ndf 54.03 / 18
Width 35.27 ± 1.91
Peak 130.7 ± 3.8
MPV 54.03 ± 2.04 ±
Integral 20.03 ± 0.52


mip slab1 chip12 chan55
Mean 159
Std Dev 13.7
χ² / ndf 49.16 / 17
Width 25.66 ± 3.11
Peak 154.6 ± 8.6
MPV 120.7 ± 2.04 ±
Integral 10.13 ± 0.31


mip slab1 chip12 chan60
Mean 148.2
Std Dev 13.7
χ² / ndf 17.12 / 12
Width 19.66 ± 3.06
Peak 130.1 ± 10.4
MPV 120.7 ± 2.04 ±
Integral 8.924 ± 0.295


mip slab1 chip12 chan65
Mean 206.5
Std Dev 13.6
χ² / ndf 50.37 / 19
Width 27.93 ± 5.99
Peak 106.6 ± 3.9
MPV 61.94 ± 3.04 ±
Integral 10.25 ± 0.33


mip slab1 chip12 chan70
Mean
Std Dev
χ² / ndf
Width
Peak
MPV
Integral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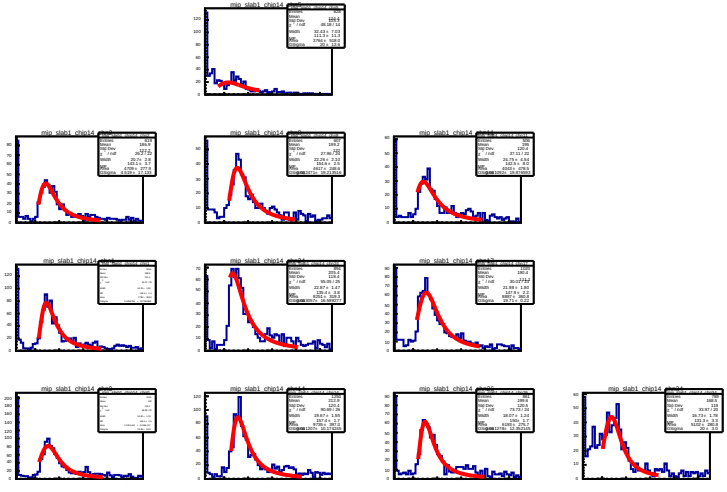
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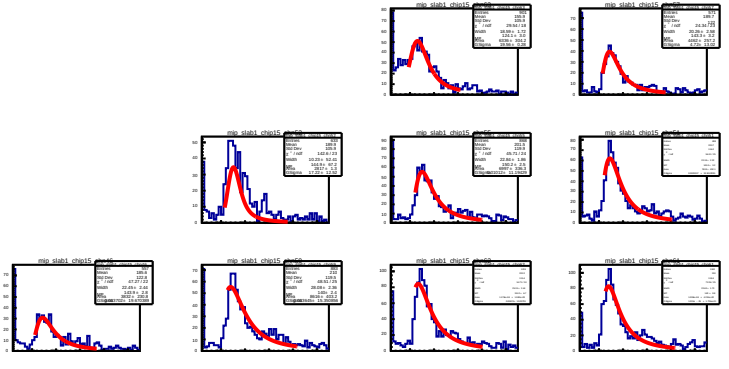
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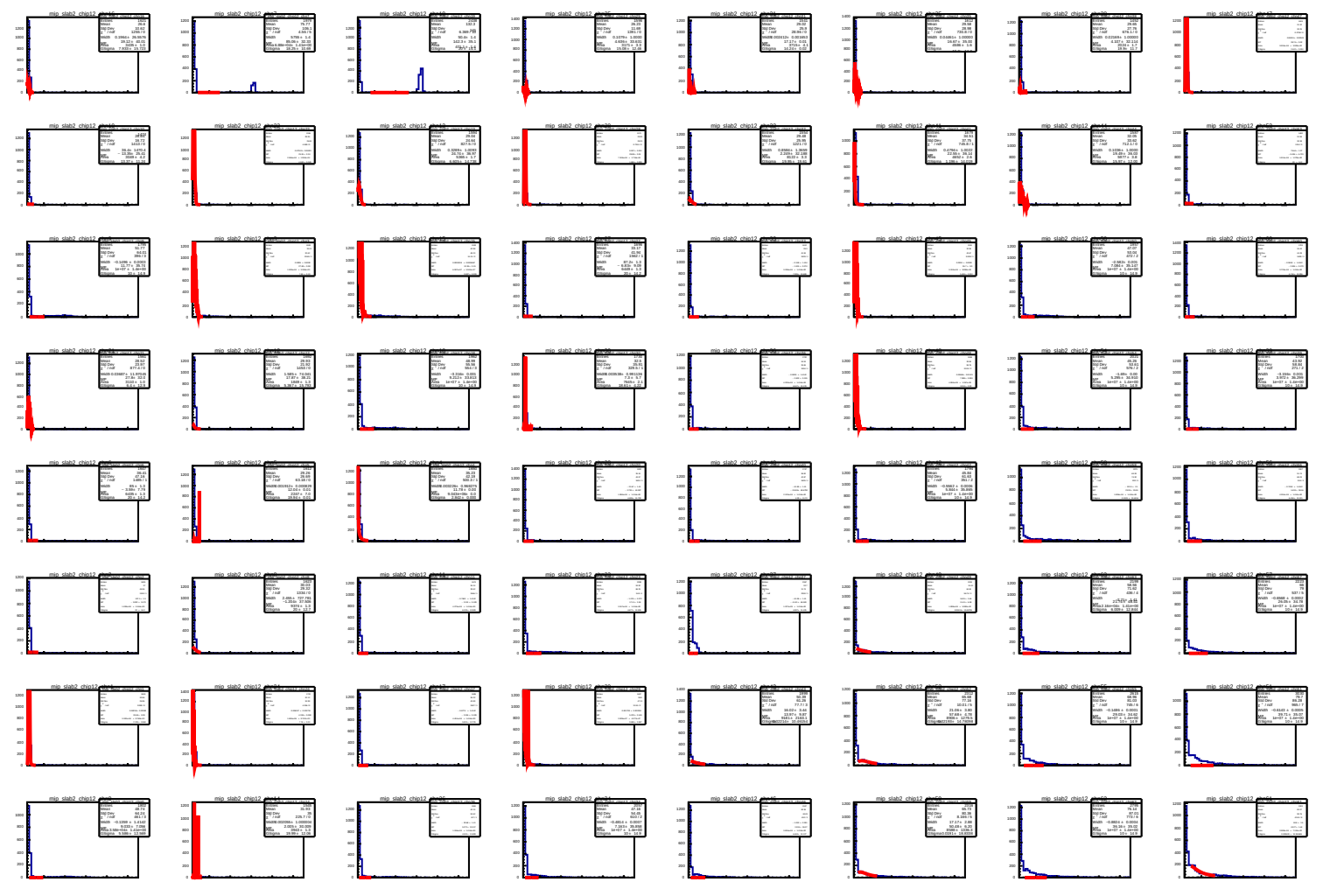
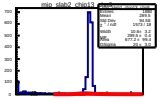
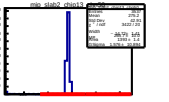



mip slab2 chip13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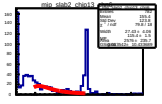
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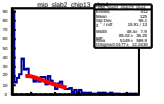
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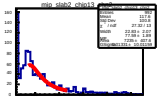
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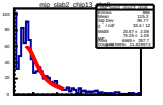
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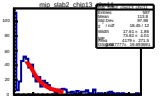
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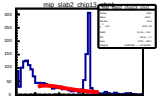
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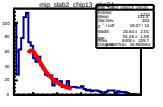
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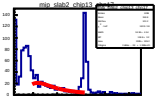
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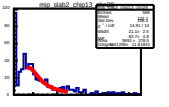
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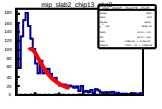
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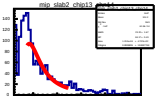
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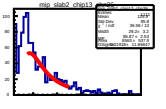
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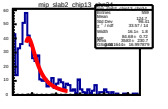
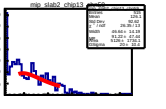

mip slab2 chip13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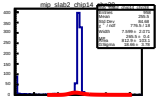
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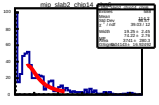
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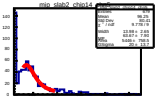
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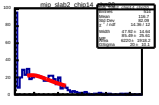
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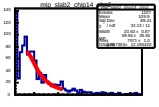
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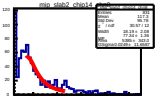
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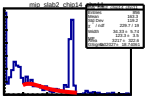
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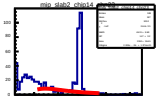
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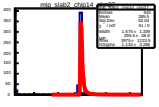
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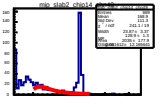
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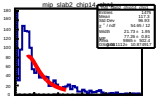
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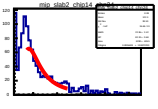
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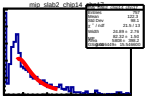
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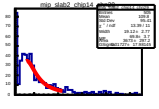
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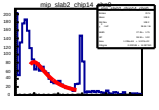
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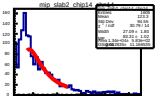
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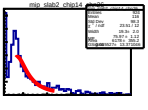
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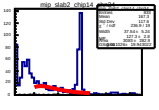
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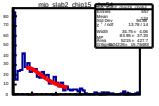
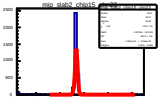
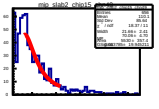
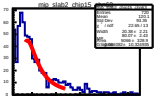
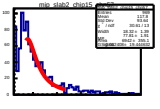
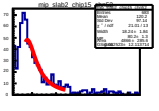

mip_slab2_chip15_chan32
Entries 1000
Mean 13.94
Std Dev 10.34
χ² / ndf 35.76 / 16
Width 6.56 ± 0.20
MPV 22.91 ± 0.27
Area 1000 ± 0.0
Prob 0.0000
Constant 43.00 ± 1.27
Sigma 1.00 ± 0.00

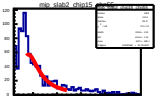

mip_slab2_chip15_chan33
Entries 1000
Mean 0.00
Std Dev 0.00
χ² / ndf 0.00 / 0
Width 0.00 ± 0.00
MPV 0.00 ± 0.00
Area 1000 ± 0.0
Prob 0.0000
Constant 1000 ± 0.0
Sigma 0.00 ± 0.00

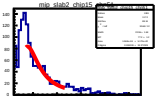

mip_slab2_chip15_chan34
Entries 1000
Mean 18.37
Std Dev 11.11
χ² / ndf 18.37 / 11
Width 21.84 ± 2.11
MPV 55.04 ± 0.70
Area 1000 ± 0.0
Prob 0.0000
Constant 73.00 ± 5.11

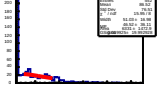

mip_slab2_chip15_chan35
Entries 1000
Mean 23.60
Std Dev 13.14
χ² / ndf 23.60 / 13
Width 20.94 ± 2.21
MPV 60.07 ± 2.23
Area 1000 ± 0.0
Prob 0.0000
Constant 71.00 ± 5.00

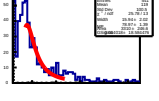

mip_slab2_chip15_chan36
Entries 1000
Mean 30.61
Std Dev 14.54
χ² / ndf 30.61 / 14
Width 15.22 ± 1.16
MPV 77.81 ± 1.51
Area 1000 ± 0.0
Prob 0.0000
Constant 117.0 ± 10.0

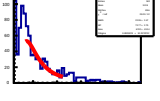

mip_slab2_chip15_chan37
Entries 1000
Mean 37.14
Std Dev 16.12
χ² / ndf 35.24 / 14
Width 19.24 ± 1.45
MPV 88.24 ± 1.9
Area 1000 ± 0.0
Prob 0.0000
Constant 117.0 ± 10.0

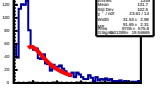

mip_slab2_chip15_chan38
Entries 1000
Mean 44.7
Std Dev 17.7
χ² / ndf 44.7 / 17
Width 14.7 ± 1.0
MPV 100.0 ± 1.0
Area 1000 ± 0.0
Prob 0.0000
Constant 117.0 ± 10.0

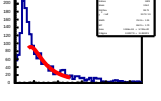

mip_slab2_chip15_chan39
Entries 1000
Mean 50.7
Std Dev 19.1
χ² / ndf 50.7 / 19
Width 12.1 ± 0.8
MPV 110.0 ± 0.8
Area 1000 ± 0.0
Prob 0.0000
Constant 117.0 ± 10.0

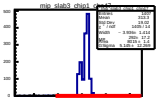

mip_slab2_chip15_chan40
Entries 1000
Mean 59.52
Std Dev 20.32
χ² / ndf 15.99 / 18
Width 51.03 ± 16.98
MPV 125.0 ± 0.0
Area 1000 ± 0.0
Prob 0.0000
Constant 24.00 ± 0.00

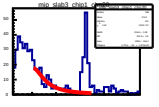

mip_slab2_chip15_chan41
Entries 1000
Mean 23.0
Std Dev 11.0
χ² / ndf 25.78 / 13
Width 19.94 ± 2.02
MPV 55.00 ± 0.00
Area 1000 ± 0.0
Prob 0.0000
Constant 14.00 ± 0.00

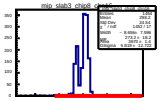

mip_slab2_chip15_chan42
Entries 1000
Mean 30.0
Std Dev 14.0
χ² / ndf 0.00 / 0
Width 0.00 ± 0.00
MPV 0.00 ± 0.00
Area 1000 ± 0.0
Prob 0.0000
Constant 1000 ± 0.0
Sigma 0.00 ± 0.00

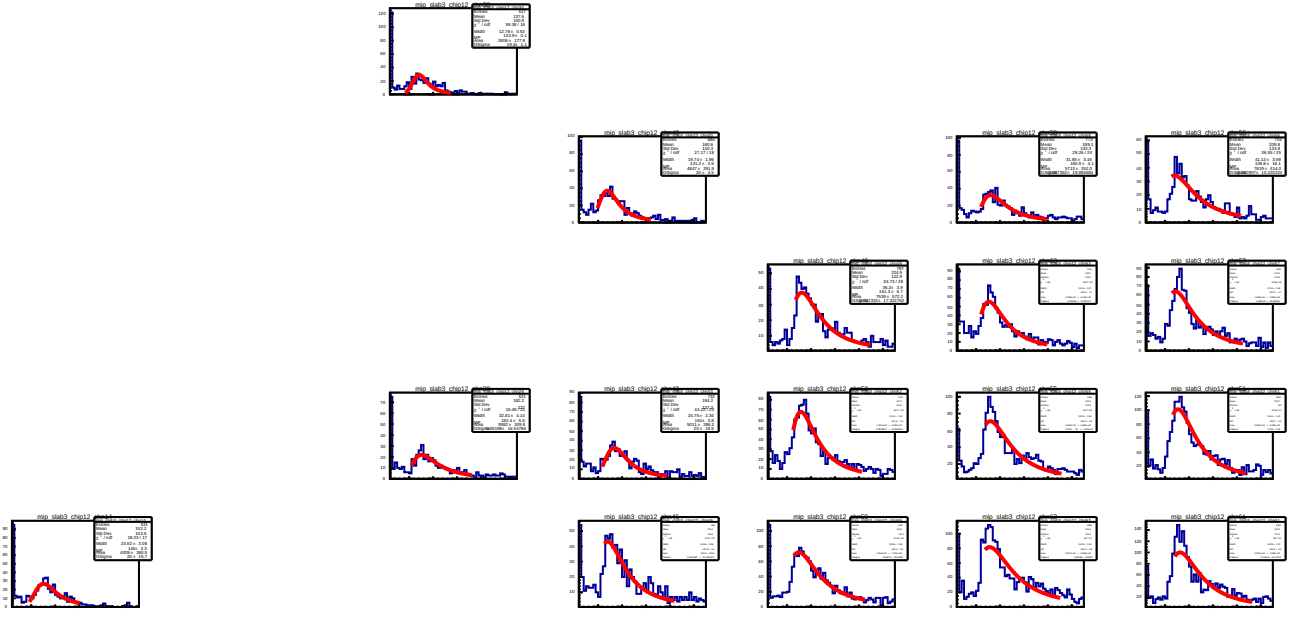

mip_slab2_chip15_chan43
Entries 1000
Mean 37.0
Std Dev 16.0
χ² / ndf 23.67 / 14
Width 35.55 ± 2.96
MPV 75.00 ± 0.00
Area 1000 ± 0.0
Prob 0.0000
Constant 14.00 ± 0.00

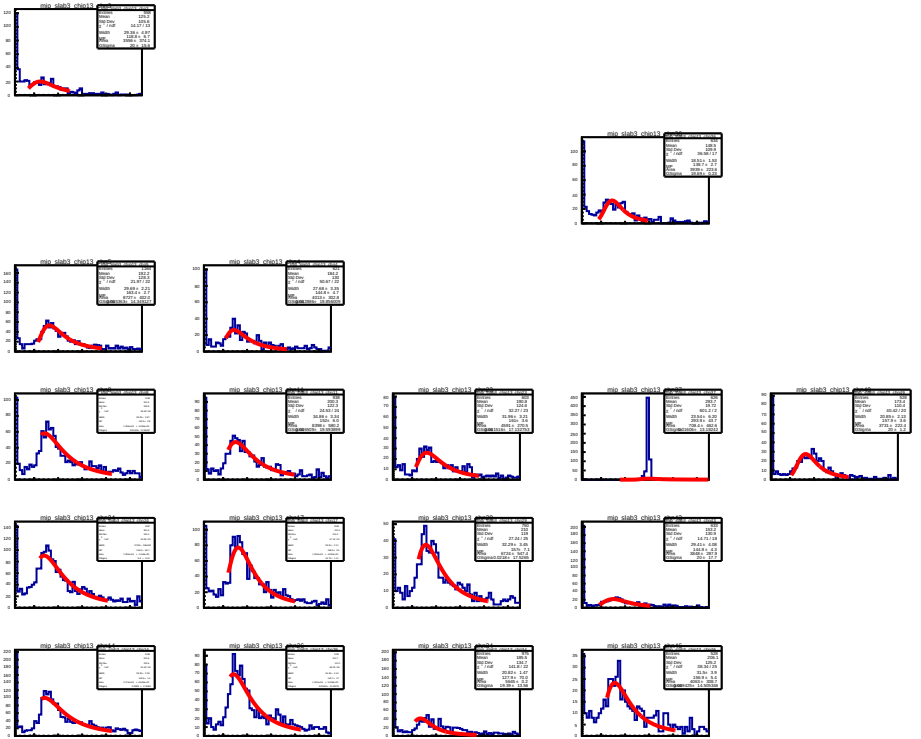

mip_slab2_chip15_chan44
Entries 1000
Mean 44.0
Std Dev 17.0
χ² / ndf 0.00 / 0
Width 0.00 ± 0.00
MPV 0.00 ± 0.00
Area 1000 ± 0.0
Prob 0.0000
Constant 1000 ± 0.0
Sigma 0.00 ± 0.00

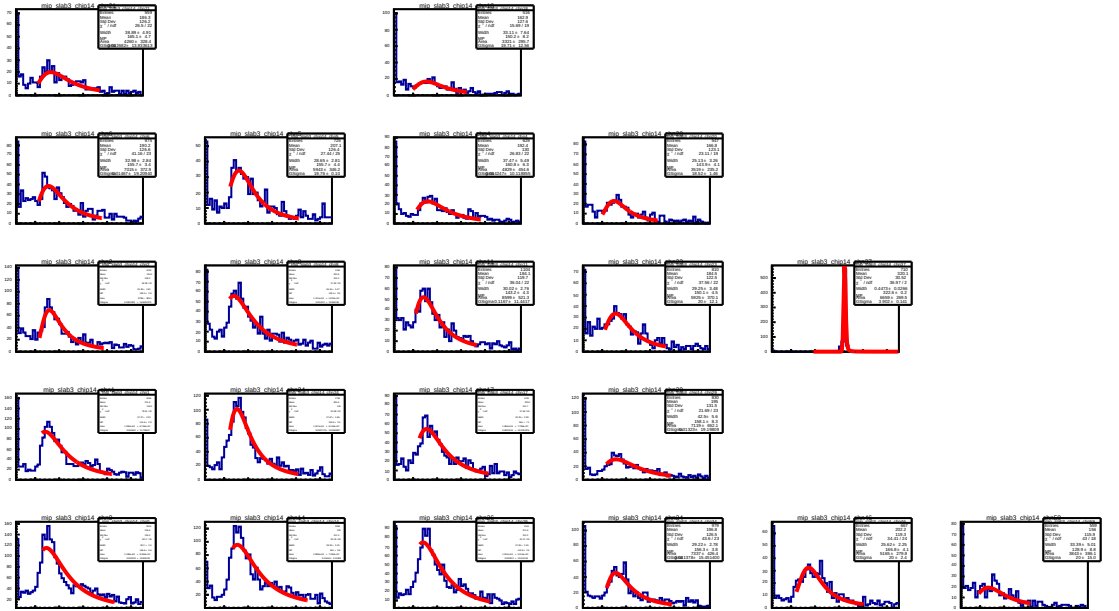

mip_slab3_chip1_chan5
Entries 1000
Mean 1.512
Std Dev 19.02
χ² / ndf 1489 / 14
Width 3.428 ± 0.014
Mpv 2.000 ± 0.000
Eta 2.219 ± 0.0
Sigma 9.145 ± 0.0

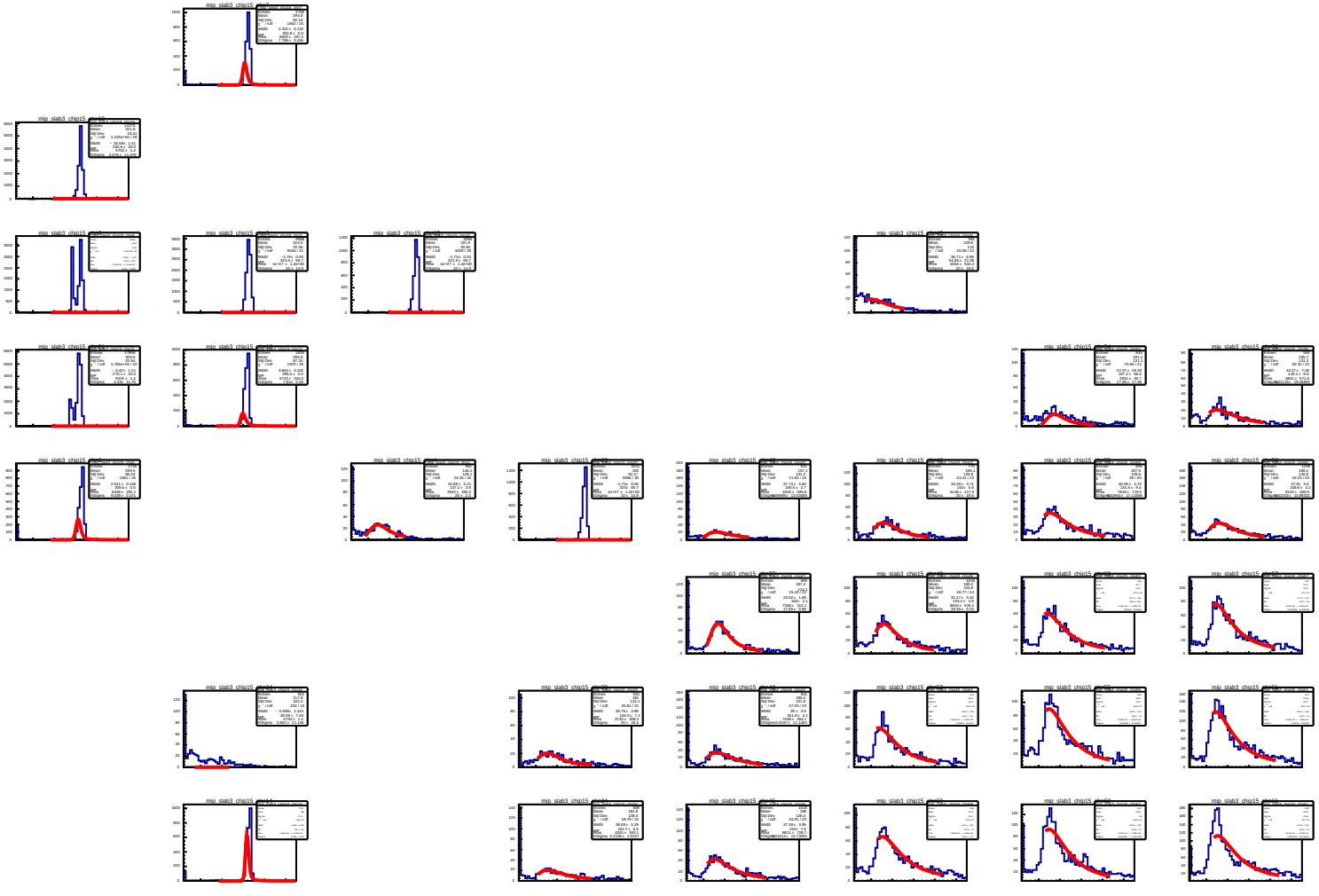

mip_slab3_chip1_chan5

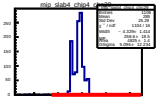

msp_slab3_chip8_c_ch16
Entries 1000
Mean 28.12
Std Dev 20.54
χ / ndf 1052 / 17
Constant - 0.0564e+ 7.599e
Mean 0.0000e+ 0.0000
Sigma - 2625e+ 5.4
Integrals 9.0391 / 22.222
350
300
250
200
150
100
50
0

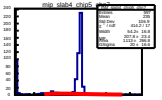


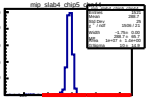


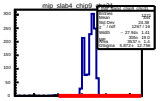


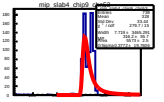


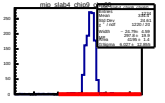

mip slab4 chip4 strip20
Entries 1000
Mean 2.09
Std Dev 25.78
χ / ndf 1.08 / 1
p0 4.339e+ 2 ± 4.4
p1 2918.6 ± 22.6
p2 -1609.3 ± 3.5
Integral 1.000e+ 3
250
200
150
100
50
0

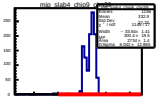

mip slab4 chip5 chan2
Entries 1000
Mean 150
Std Dev 150.9
χ² / ndf 210.2 / 17
width 34.3± 14.8
Mean 150.1± 0.4
Sigma 152.1± 0.4
Integral 20.± 10.

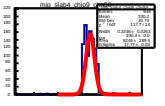

mip slab4 chip5 chan4
Entries 1000
Mean 150.7
Std Dev 150.2
χ² / ndf 150.6 / 21
width 1.75± 0.93
Mean 150.7± 0.3
Sigma 147.7 ± 1.4e+02
Integral 10.± 0.0

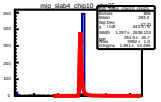

mip_slab4_chip2_chan24
Entries 522
Mean 28.08
Std Dev 12977.19
χ² / ndf 1.45
Width -27.98± 1.41
Peak 1.00
Mean 28.07± 5.6
Sigma 9.07± 2.04

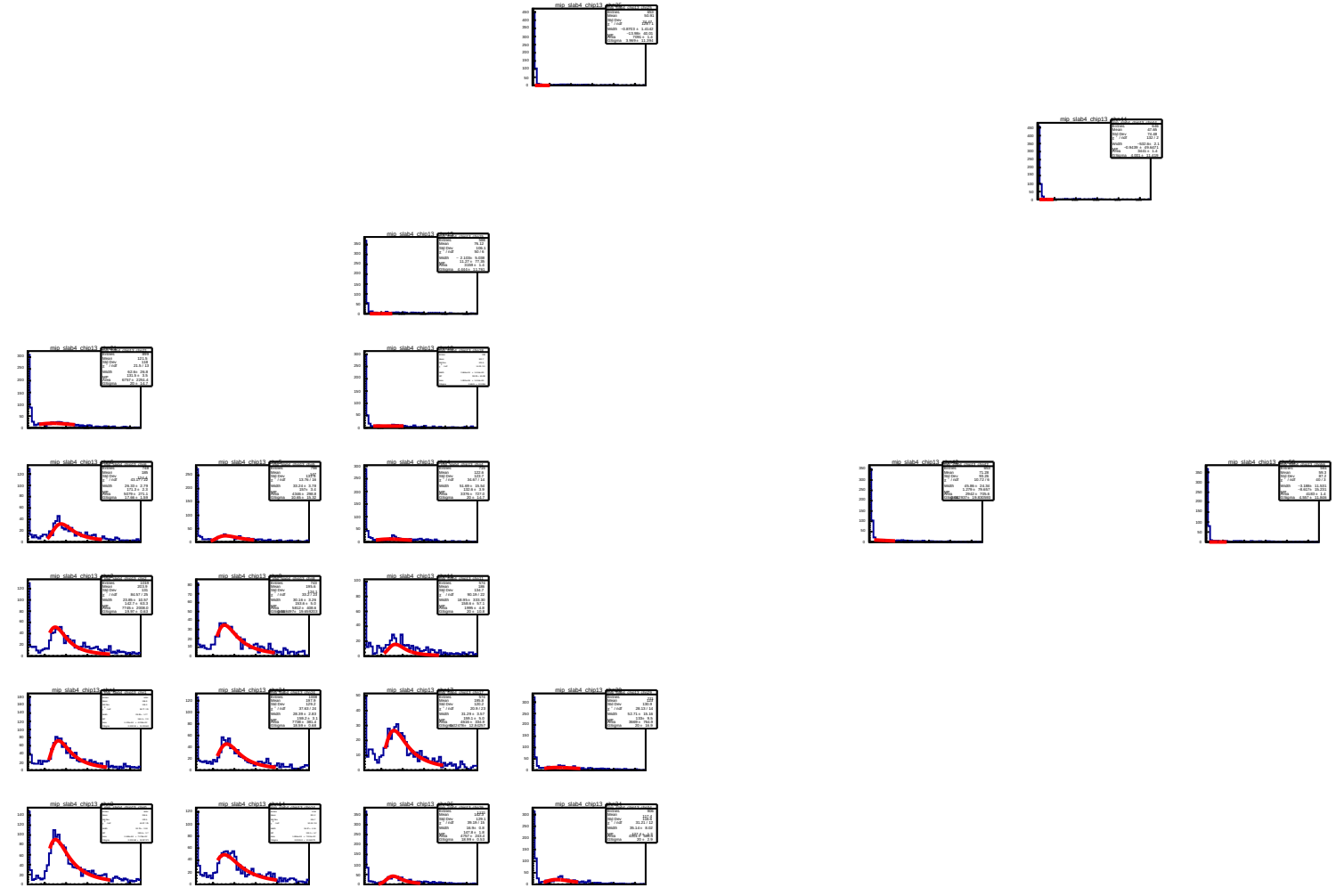

mip_slab4_chip2_chan25
Entries 1118
Mean 23.08
Std Dev 276.7.71
χ² / ndf
Width 7.719± 3.949.99
Peak 1.00
Mean 50.71± 3.4
Sigma 1.72± 4.34

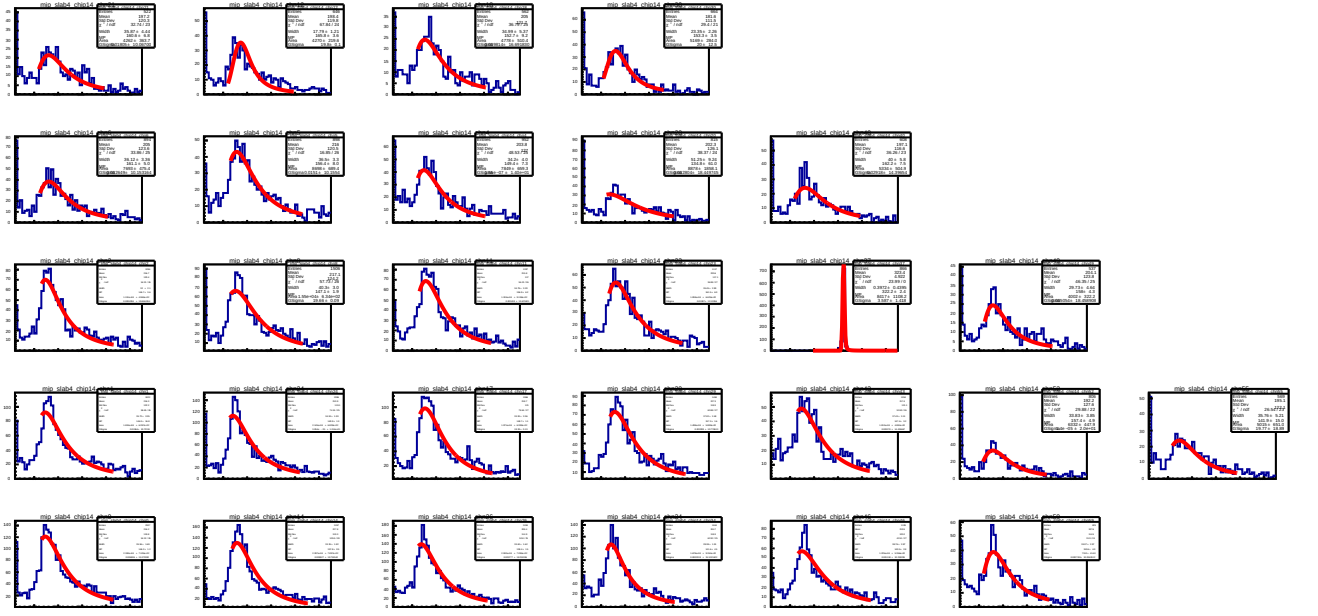

mip_slab4_chip2_chan26
Entries 3187
Mean 3187
Std Dev 12977.71
χ² / ndf
Width 20.79± 4.49
Peak 1.00
Mean 20.8± 3.4
Sigma 0.07± 0.19

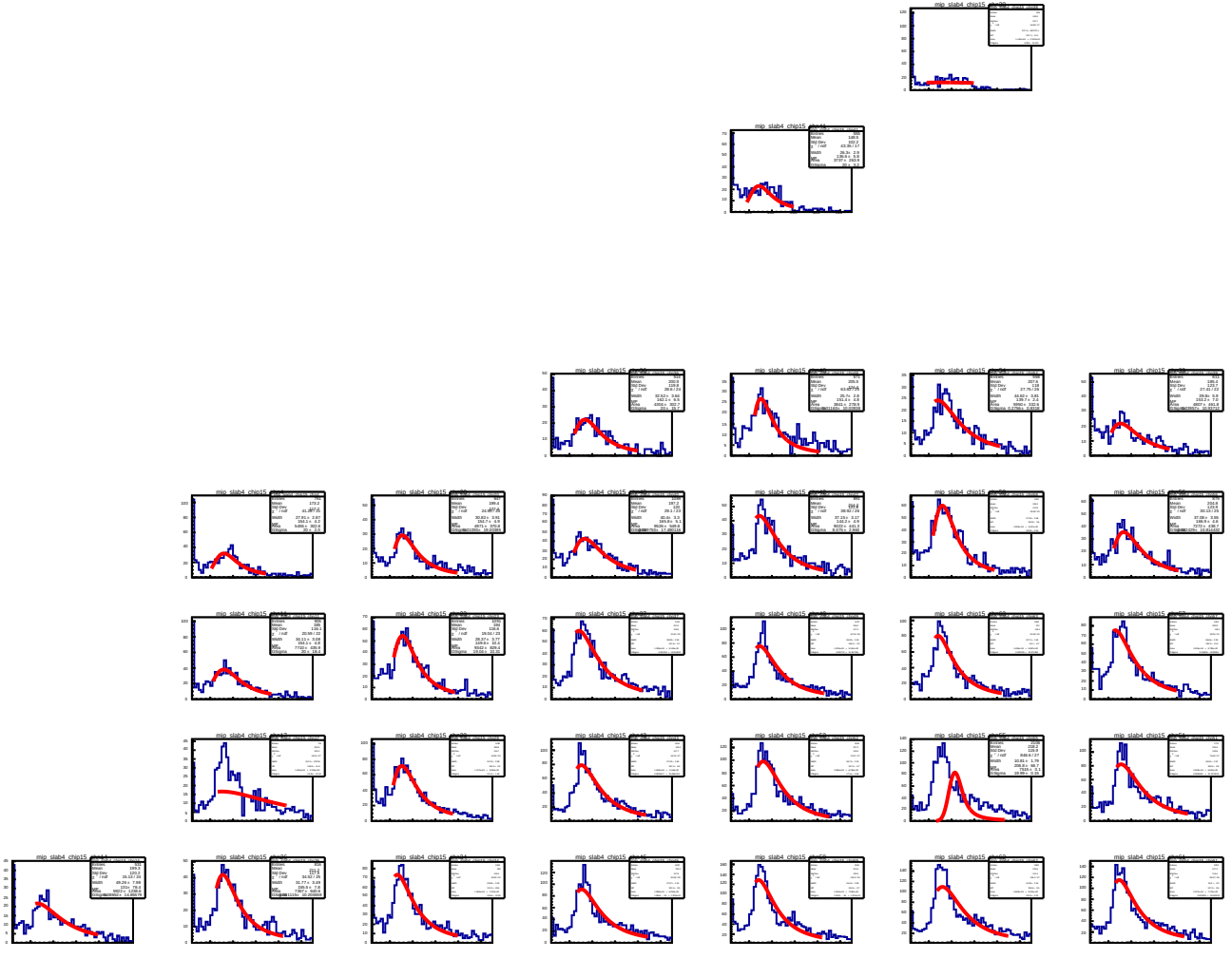

mip_slab4_chip2_chan27
Entries 3429
Mean 3429
Std Dev 22.25
χ² / ndf
Width 35.61± 3.71
Peak 1.00
Mean 27.61± 3.5
Sigma 0.72± 4.34


mip_slab4_chip2_chan28
Entries 2912
Mean 2912
Std Dev 33.71
χ² / ndf 117.7.14
Width 0.3236± 0.9963
Peak 1.00
Mean 0.01± 2.963
Sigma 0.01± 2.74


mip slab4 ch0010 mm=50
Entries 2000
Mean 2.012
RMS 0.1149
Underflow 0
Overflow 0
Integral 2000.0
Width 1.207± 2638.5/4
Mean 2.012 ± 0.0
RMS 0.1149 ± 0.0
Chi2/ndf 0.0/0
500
400
300
200
100
0






mip slab4 chip15
mip slab4 chip15
mip slab4 chip15