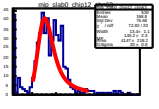
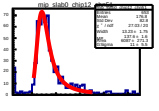
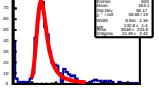
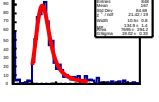
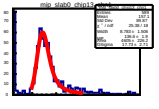
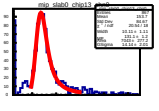

mip_slab0_chip12_chan30
Entries 1000
Mean 16.42
Std Dev 2.62
χ² / ndf 72.80 / 55
Width 13.0± 1.1
MPV 1.85.2 ± 2.2
Sigma 11.47 ± 1.02

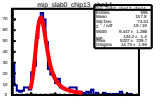

mip_slab0_chip12_chan56
Entries 1000
Mean 31.4
Std Dev 10.8
χ² / ndf 270.0 / 55
Width 13.25± 1.75
MPV 137.6 ± 1.6
Sigma 9.00 ± 0.71

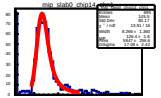

mip_slab0_chip12_chan80
Entries 1000
Mean 39.61
Std Dev 8.11
χ² / ndf 36.80 / 19
Width 8.56± 1.16
MPV 1.0.0 ± 0.0
Sigma 10.80 ± 2.63

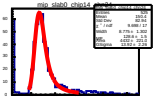

mip_slab0_chip12_chan96
Entries 1000
Mean 54.7
Std Dev 8.48
χ² / ndf 21.27 / 19
Width 10.9± 0.8
MPV 1.0.0 ± 0.0
Sigma 19.00 ± 0.7

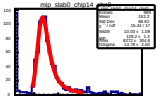

mip_slab0_chip13_chan4
Entries 1000
Mean 19.17
Std Dev 89.67
χ² / ndf 25.00 / 18
Peak 0.793 ± 1.508
MPV 138.6 ± 1.9
Sigma 17.71 ± 2.12

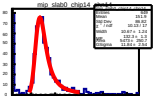

mip_slab0_chip13_chan5
Entries 1000
Mean 19.17
Std Dev 89.67
χ² / ndf 20.63 / 18
Peak 33.15 ± 1.11
MPV 138.6 ± 1.9
Sigma 14.54 ± 2.12

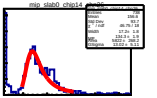

mip_slab0_chip13_chan14
Entries 1000
Mean 19.17
Std Dev 89.67
χ² / ndf 19.72 / 18
Peak 8.427 ± 1.209
MPV 138.6 ± 1.9
Sigma 16.79 ± 1.96

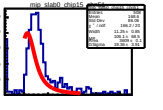

mip_slab0_chip14_chan1
Entries 1000
Mean 19.51
Std Dev 80.17
χ² / ndf 15.92 / 7
p0 0.7861 ± 1.369
MPV 128.4 ± 3.6
Width 8.778 ± 0.347
Integral 12.04 ± 0.23

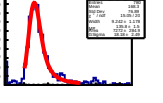

mip_slab0_chip14_chan2
Entries 1000
Mean 19.52
Std Dev 82.92
χ² / ndf 15.92 / 7
p0 0.7861 ± 1.367
MPV 128.6 ± 3.6
Width 8.778 ± 0.347
Integral 12.04 ± 0.23

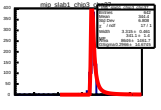

mip_slab0_chip14_chan3
Entries 1000
Mean 19.27
Std Dev 79.02
χ² / ndf 15.43 / 7
p0 13.03 ± 1.09
MPV 5.277 ± 0.0
Width 5.277 ± 0.0
Integral 14.78 ± 0.03

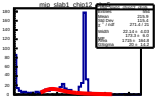

mip_slab0_chip14_chan4
Entries 1000
Mean 19.14
Std Dev 78.42
χ² / ndf 10.33 / 7
p0 10.87 ± 1.14
MPV 5.277 ± 0.0
Width 5.277 ± 0.0
Integral 11.83 ± 0.04

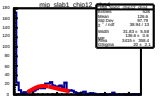

mip_slab0_chip14_chan5
Entries 1000
Mean 19.14
Std Dev 78.42
χ² / ndf 46.76 / 18
p0 17.31 ± 1.6
MPV 5.277 ± 0.0
Width 5.277 ± 0.0
Integral 13.02 ± 0.21

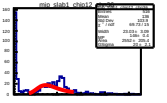

mip_slab0_chip15_chn15
Entries 1982
Mean 89.06
Std Dev 8.77
χ² / ndf 11.26 / 13
MPV 106.1 ± 0.8
Width 10.80 ± 0.7
Magnitude 20.80 ± 0.3

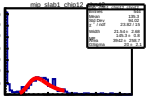

mip_slab0_chip15_chn16
Entries 1982
Mean 94.03
Std Dev 11.05
χ² / ndf 11.26 / 13
Width 9.242 ± 1.276
MPV 107.1 ± 0.8
Magnitude 25.54 ± 0.4

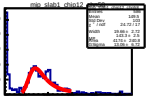

mip_slab1_chip3_ch10
Entries 1000
Mean 0.3
Std Dev 0.07
Underflow 0
Overflow 0
Integral 1000
Mean x 0.3125 ± 0.0031
Std Dev x 0.0 ± 0.0
Mean y 0.0000 ± 0.0000
Std Dev y 0.0000 ± 0.0000
450
400
350
300
250
200
150
100
50
0

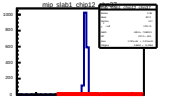

mip slab1 chip12
Mean 213.9
Std Dev 103.4
χ² / ndf 271.4 / 21
Width 22.61 ± 0.21
MPV 171.1 ± 0.1
Integral 27.4 ± 0.0

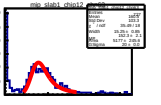

mip slab1 chip12
Mean 179.9
Std Dev 57.9
χ² / ndf 39.92 / 13
Width 21.61 ± 5.50
MPV 143.9 ± 0.2
Integral 1433 ± 102.2
Integral 27.4 ± 0.0

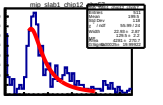

mip slab1 chip12
Mean 198
Std Dev 103.8
χ² / ndf 63.37 / 19
Width 23.03 ± 0.26
MPV 2102 ± 200.3
Integral 27.4 ± 0.0

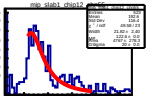

mip slab1 chip12
Mean 192.2
Std Dev 59.12
χ² / ndf 23.82 / 15
Width 21.61 ± 3.91
MPV 3642 ± 290.1
Integral 27.4 ± 0.0

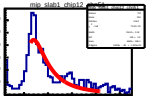

mip slab1 chip12
Mean 149.9
Std Dev 103.5
χ² / ndf 24.72 / 17
Width 19.89 ± 5.72
MPV 1.1 ± 0.0
Integral 11.71 ± 0.0
Integral 27.4 ± 0.0

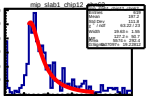

mip slab1 chip12
Mean 1.07
Std Dev 0.07
χ² / ndf 35.49 / 18
Width 25.25 ± 0.91
MPV 152.3 ± 8.4
Integral 11.71 ± 0.0
Integral 27.4 ± 0.0

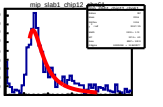

mip slab1 chip12
Mean 1.07
Std Dev 0.07
χ² / ndf 35.49 / 18
Width 25.25 ± 0.91
MPV 152.3 ± 8.4
Integral 11.71 ± 0.0
Integral 27.4 ± 0.0

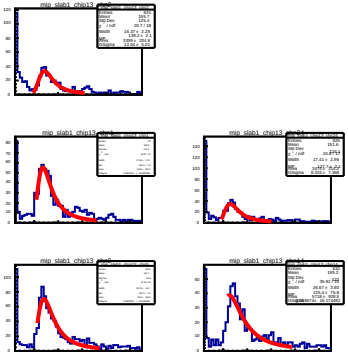

mip slab1 chip12
Mean 1.07
Std Dev 0.07
χ² / ndf 35.49 / 18
Width 22.61 ± 2.47
MPV 195.6 ± 7.2
Integral 11.71 ± 0.0
Integral 27.4 ± 0.0

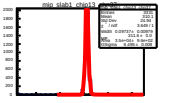

mip slab1 chip12
Mean 39.17
Std Dev 330.4
χ² / ndf 49.92 / 19
Width 21.82 ± 2.42
MPV 1.22 ± 0.0
Integral 11.71 ± 0.0
Integral 27.4 ± 0.0

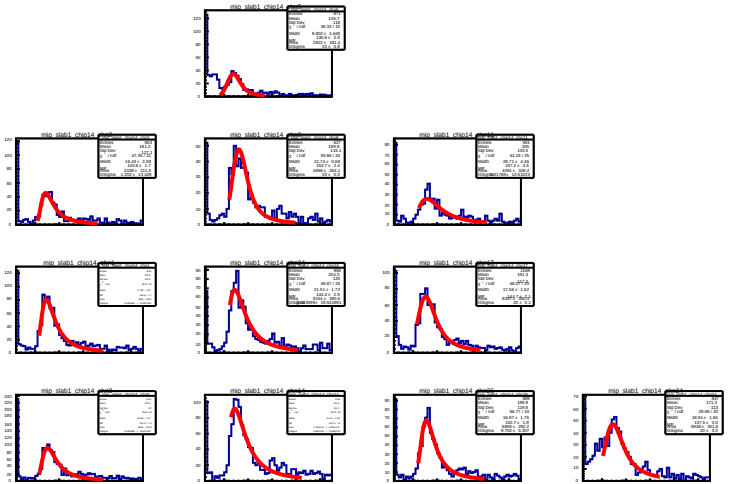

mip slab1 chip12
Mean 39.17
Std Dev 330.4
χ² / ndf 49.92 / 19
Width 21.82 ± 2.42
MPV 1.22 ± 0.0
Integral 11.71 ± 0.0
Integral 27.4 ± 0.0


mip slab1 chip12
Mean 39.17
Std Dev 330.4
χ² / ndf 63.37 / 19
Width 19.65 ± 1.99
MPV 2102 ± 200.3
Integral 8574 ± 2351.4
Integral 27.4 ± 0.0


mip slab1 chip12
Mean 39.17
Std Dev 330.4
χ² / ndf 63.37 / 19
Width 19.65 ± 1.99
MPV 2102 ± 200.3
Integral 8574 ± 2351.4
Integral 27.4 ± 0.0


mip slab1 chip13 strip1
mip slab1 chip13 strip2
mip slab1 chip13 strip3
mip slab1 chip13 strip4
mip slab1 chip13 strip5
mip slab1 chip13 strip6


mip slab1 chip13 strip7


mip slab1 chip14
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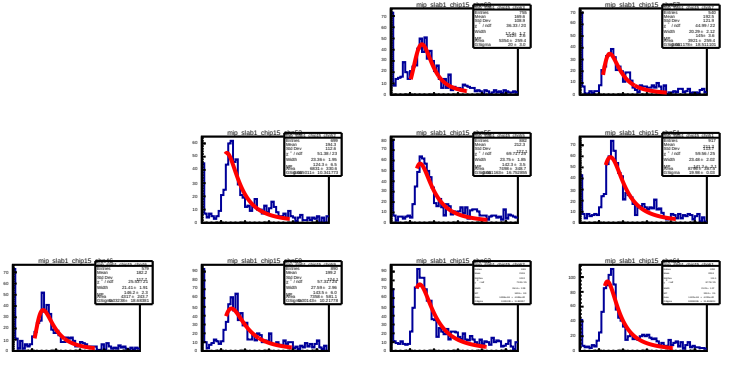
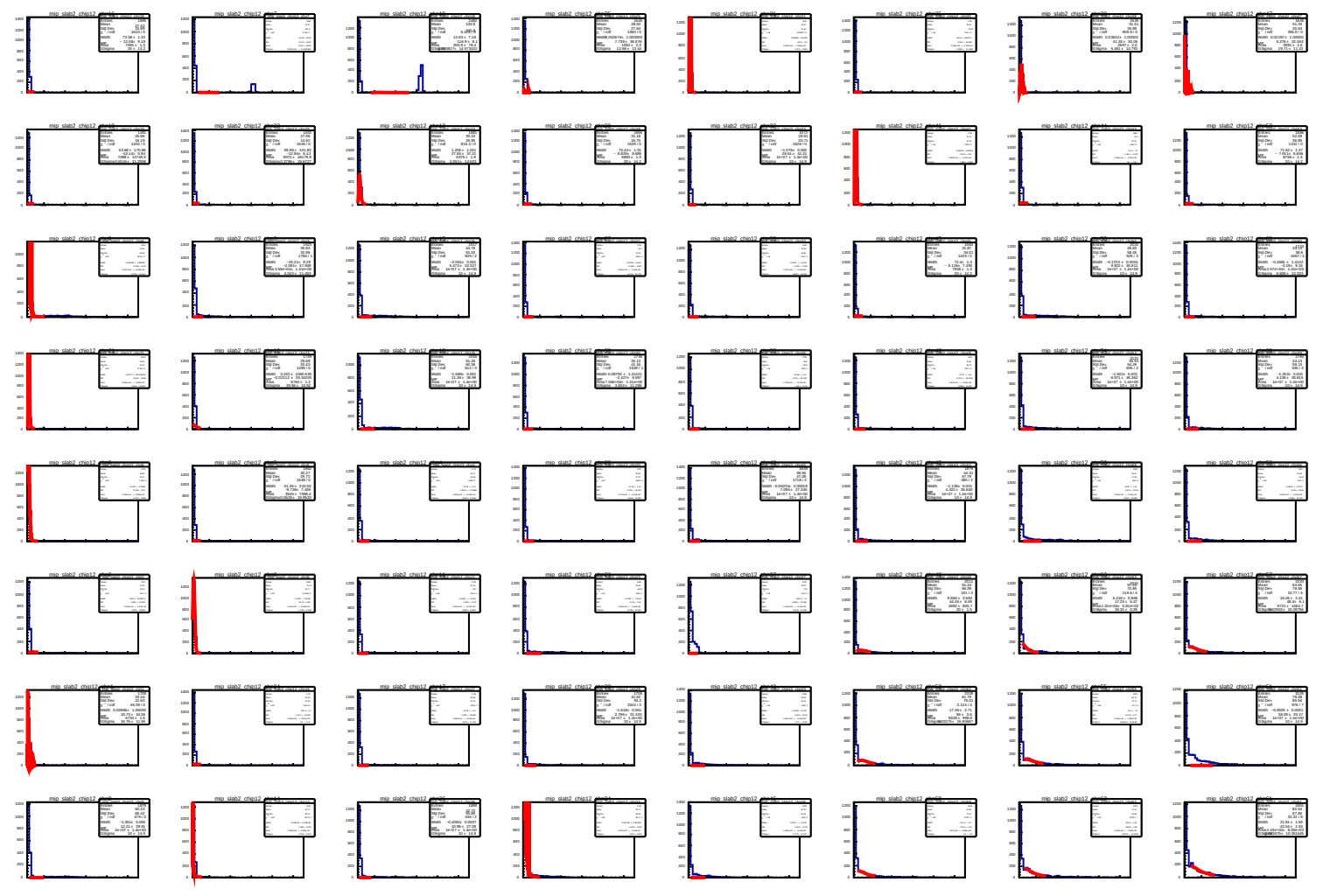
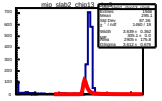
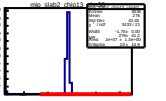
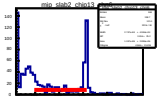

mip slab1 chip15 strip63
mip slab1 chip15 strip62
mip slab1 chip15 strip61
mip slab1 chip15 strip60
mip slab1 chip15 strip59
mip slab1 chip15 strip58
mip slab1 chip15 strip57
mip slab1 chip15 strip56
mip slab1 chip15 strip55
mip slab1 chip15 strip54




mip_slab2_chip13_chan0


mip_slab2_chip13_chan1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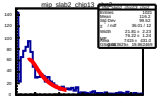
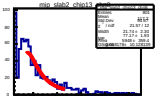
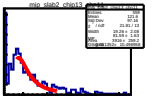
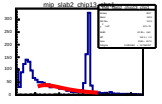

mip_slab2_chip13_chan3


mip_slab2_chip13_chan4


mip_slab2_chip13_chan5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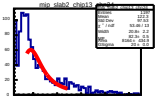
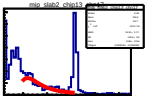

mip_slab2_chip13_chan7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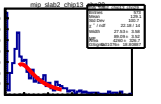
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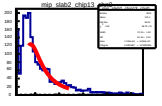
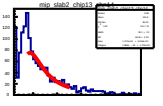
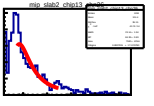
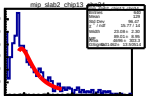

mip_slab2_chip13_chan10


mip_slab2_chip13_chan11


mip_slab2_chip13_chan12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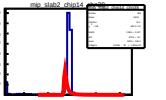
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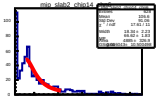
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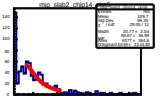
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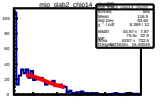
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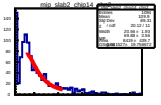
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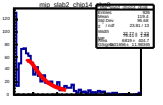
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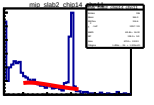
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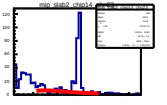
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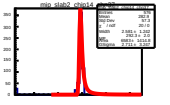
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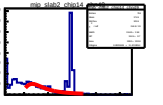
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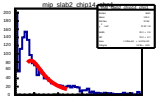
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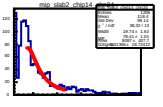
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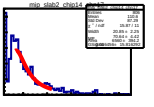
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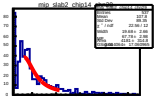
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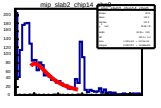
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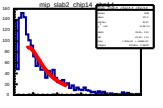
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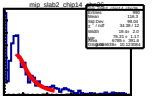
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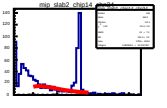
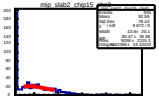
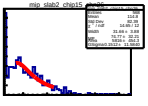
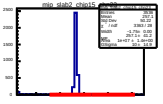
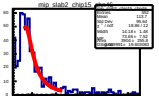
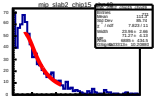

mip slab2 chip14

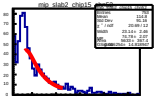

mip_slab2_chip15_chan0
Entries 1198
Mean 78.68
Std Dev 9.673 / 19
χ² / ndf 43.9 / 20 ⊥
Width 20.1 ± 1.1
MPV 82.6 ± 0.5
Integral 5084 ± 4235.3
Chi2Prob 0.0003 ± 14.0203

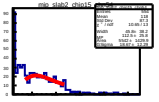

mip_slab2_chip15_chan1
Entries 1198
Mean 33.02
Std Dev 14.80 / 12
χ² / ndf 33.66 ± 3.88
Width 14.80 ± 0.94
MPV 19.01 ± 104.3
Integral 2422 ± 11.0000

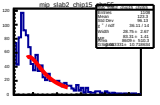

mip_slab2_chip15_chan2
Entries 1198
Mean 2014
Std Dev 2017
χ² / ndf 3360 / 16
Width -1.79 ± 0.01
-17.11 ± 21.2
MPV 14.97 ± 0.01
Integral 3.5 ± 0.0

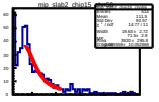

mip_slab2_chip15_chan3
Entries 1198
Mean 33.02
Std Dev 16.80 / 13
χ² / ndf 14.19 ± 1.49
Width 16.80 ± 0.94
MPV 3500 ± 206.8
Integral 2422 ± 14.0000

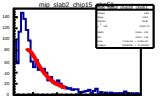

mip_slab2_chip15_chan4
Entries 1198
Mean 1172
Std Dev 14.77
χ² / ndf 7.82 / 11
Width 23.94 ± 2.91
MPV 71.37 ± 2.13
Integral 1.0 ± 0.0000
Chi2Prob 0.7500 ± 0.0000

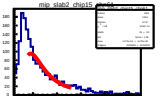

mip_slab2_chip15_chan5
Entries 1198
Mean 1147
Std Dev 96.10
χ² / ndf 35.14 ± 2.45
Width 56.56 ± 2.27
MPV 500.0 ± 0.0000
Integral 1.0 ± 0.0000
Chi2Prob 0.0000 ± 0.0000

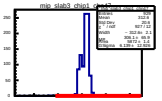

mip_slab2_chip15_chan6
Entries 1198
Mean 1172
Std Dev 14.77
χ² / ndf 35.07 / 14
Width 23.94 ± 2.91
MPV 79.66 ± 1.56
Integral 1.0 ± 0.0000
Chi2Prob 0.1111 ± 0.0000

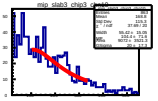

mip_slab2_chip15_chan7
Entries 1198
Mean 1147
Std Dev 96.10
χ² / ndf 39.04 ± 2.67
Width 60.50 ± 1.41
MPV 500.0 ± 0.0000
Integral 1.0 ± 0.0000
Chi2Prob 0.0000 ± 0.0000

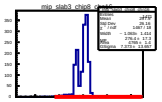

mip_slab2_chip15_chan8
Entries 1198
Mean 1172
Std Dev 14.77
χ² / ndf 21.1 / 12
Width 19.96 ± 2.7
MPV 73.97 ± 1.58
Integral 1.0 ± 0.0000
Chi2Prob 0.0433 ± 0.0000

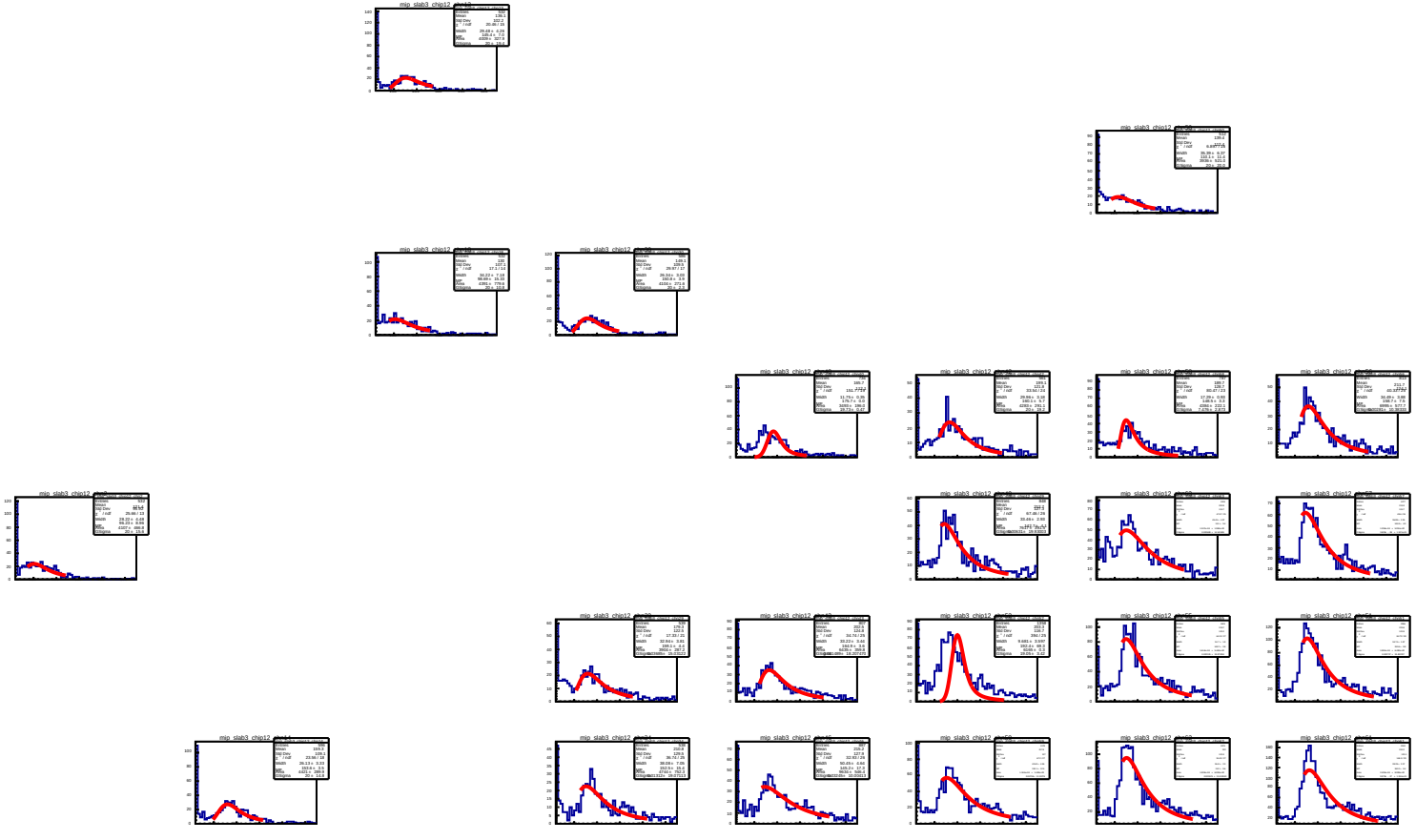

mip_slab2_chip15_chan9
Entries 1198
Mean 1147
Std Dev 96.10
χ² / ndf 14.77 / 14
Width 56.56 ± 2.27
MPV 500.0 ± 0.0000
Integral 1.0 ± 0.0000
Chi2Prob 0.4000 ± 0.0000

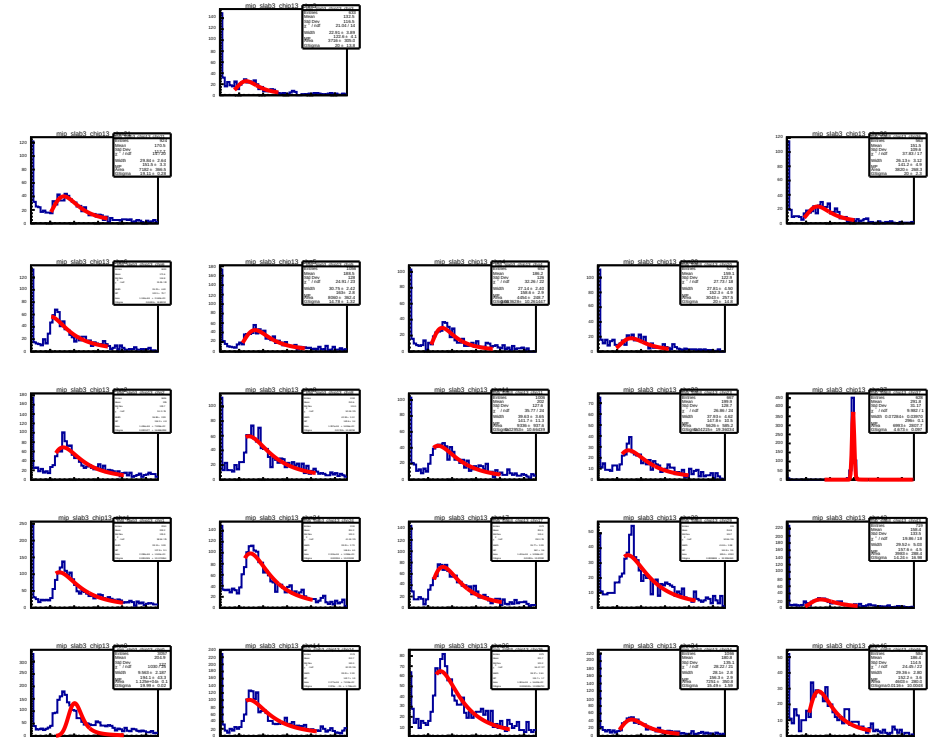

mip_slab2_chip15_chan10
Entries 1198
Mean 1172
Std Dev 14.77
χ² / ndf 14.77 / 14
Width 29.00 ± 2.09
MPV 79.66 ± 1.56
Integral 1.0 ± 0.0000
Chi2Prob 0.4000 ± 0.0000

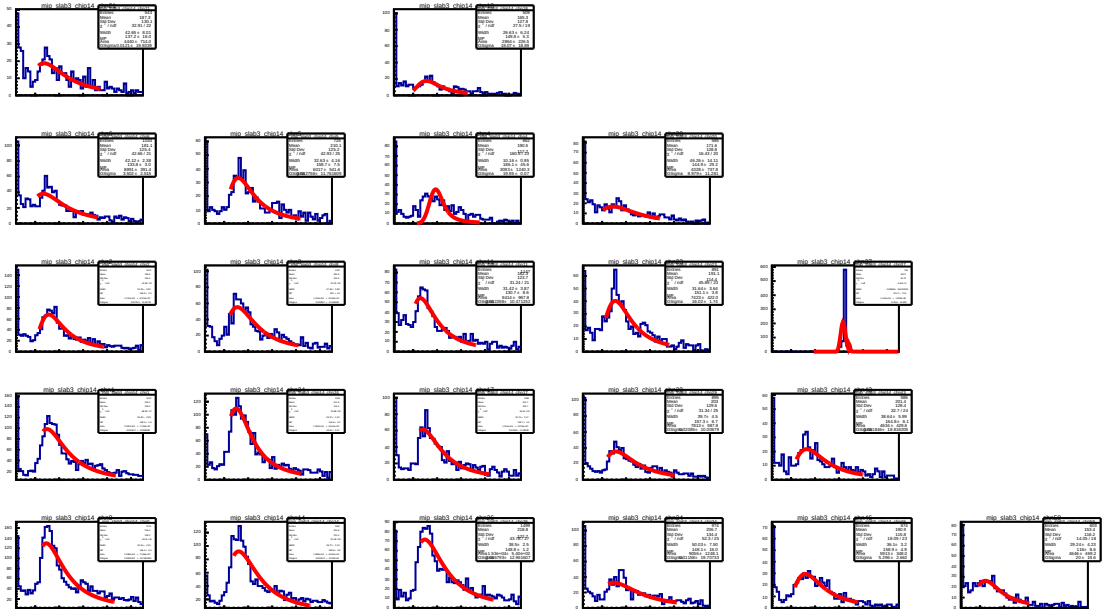

mip_slab3_chip3_chan3
Entries 3000
Mean 3.04
Std Dev 27.3
χ² / ndf 927 / 17
Width 12.0 ± 1.4
Mean 300.0 ± 0.0
Sigma 0.17 ± 0.12
Integral 6.18E+04 ± 0.0
300
250
200
150
100
50
0

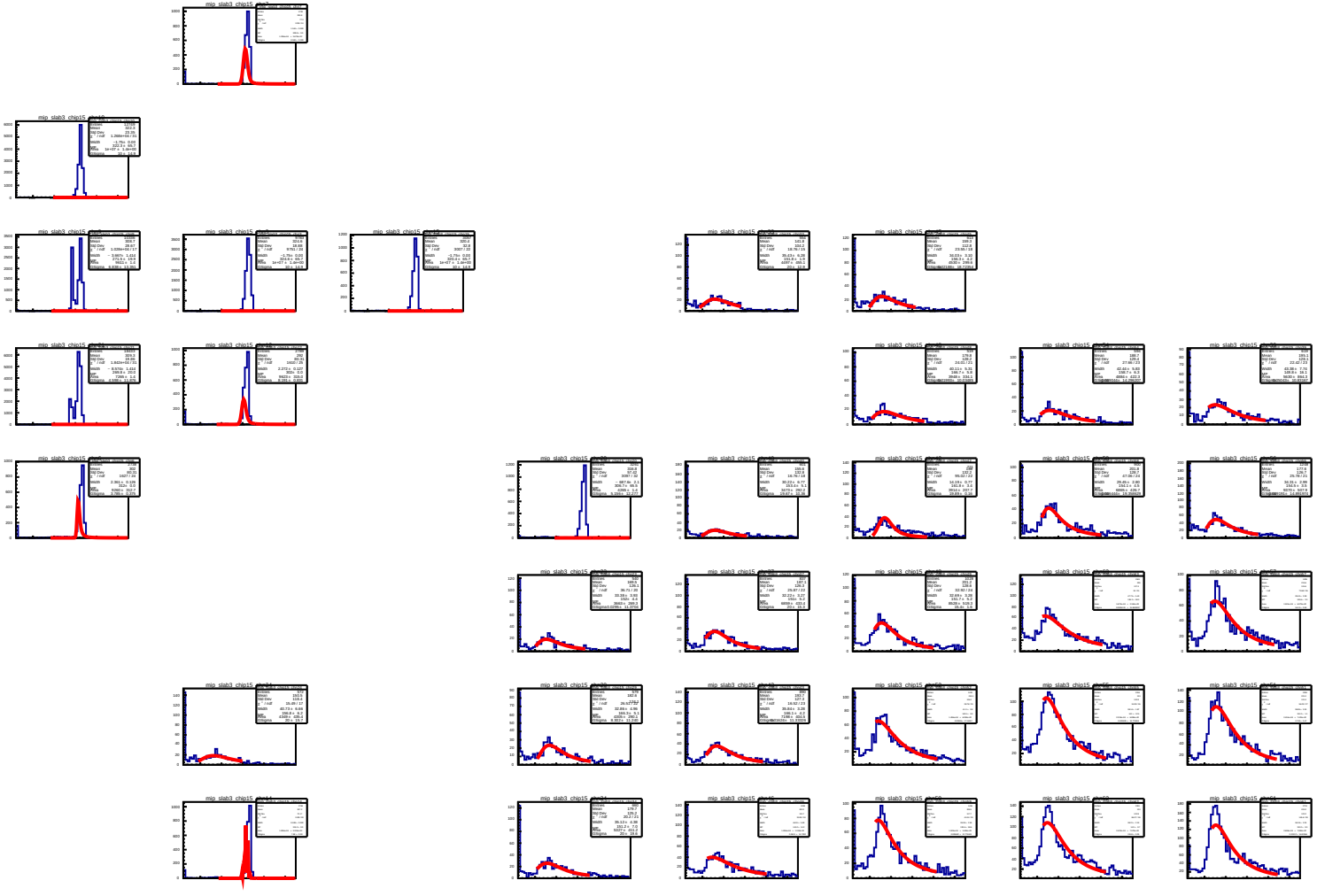

msp_slab3_chip3_cluster
Entries 1024
Mean 1669.8
Std Dev 1157.2
χ² / ndf 37.857 / 20
Prob
Width 55.22 ± 15.29
Mean 1669.8 ± 0.0
Area 9272.4 ± 3121.3
Exponential -0.0012 ± 0.0
50
40
30
20
10
0

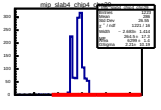

msp_slab3_chip8_strip5
Entries 14FEB
Mean 28.16
Rms 1807.16
Underflow - 1.3810e 1.414
Overflow - 2.7620e 1.414
Integral - 2.7620e 1.414
Underflow 1.2757e 17.000
350
300
250
200
150
100
50
0

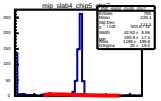

mip slab3 chip12
mip slab3 chip12
mip slab3 chip12

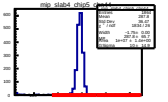


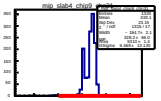


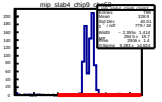


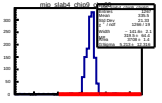

mip slab4 cpb4 ptm20
Entries 1000
Mean 2.04
Std Dev 28.78
χ / ndf 1.00 / 1
p0 2.600e - 3.414
p1 29.6 ± 17.2
Mean 2.200 ± 1.13
Sigma 2.200 ± 1.13
350
300
250
200
150
100
50
0

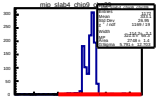

mip slab4 chip5 chan2
Entries 2712
Mean 2.712
Std Dev 0.1
χ2 / ndf 9231 / 2712
width 12.50 ± 0.16
Mean 2.500 ± 0.000
Sigma 0.000 ± 0.000
Integral 20 ± 0.0
300
250
200
150
100
50
0

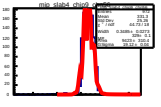

mip slab4 chip5 chan3
Entries 1832
Mean 287.8
Std Dev 1.1
χ2 / ndf 1823 / 19
width 0.75 ± 0.00
Mean 287.5 ± 0.0
Sigma 0.000 ± 0.000
Integral 14×10^3 ± 0.0×10^3
600
500
400
300
200
100
0

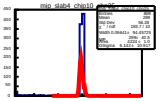

mip_slab4_chip0_ch24
Entries 1000
Mean 1.000
Std Dev 25.15
χ² / ndf 1320.17
Width 1.441 ± 0.
Mean 1.000 ± 0.
Sigma 0.9997 ± 0.0
350
300
250
200
150
100
50
0

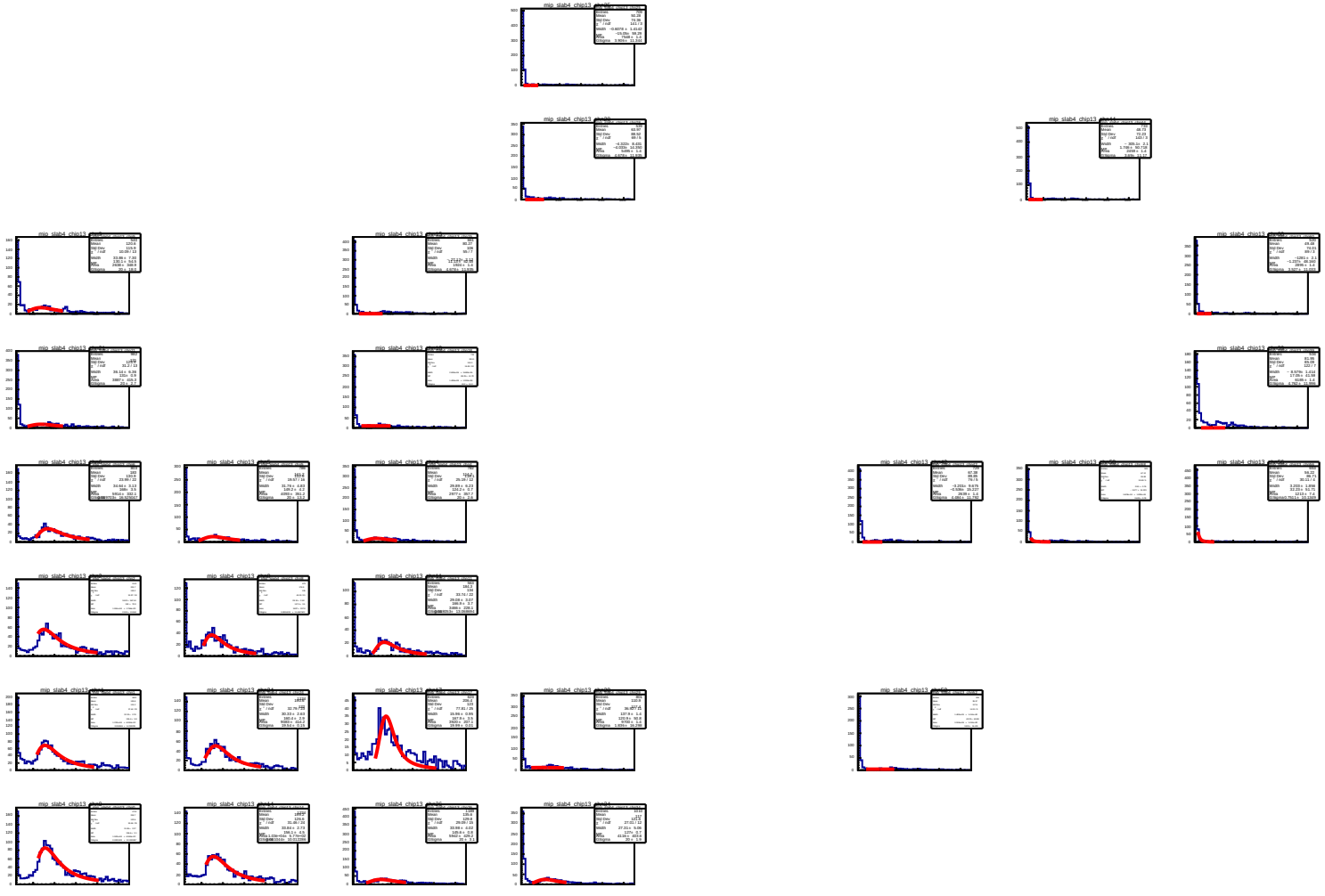

mip_slab4_chip0_ch25
Entries 1000
Mean 320.0
Std Dev 25.15
χ² / ndf 779.12
Width -2.365e- 1.414
Mean 320.0 ± 0.
Sigma 0.9997 ± 0.0
280
270
260
250
240
230
220
210
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0

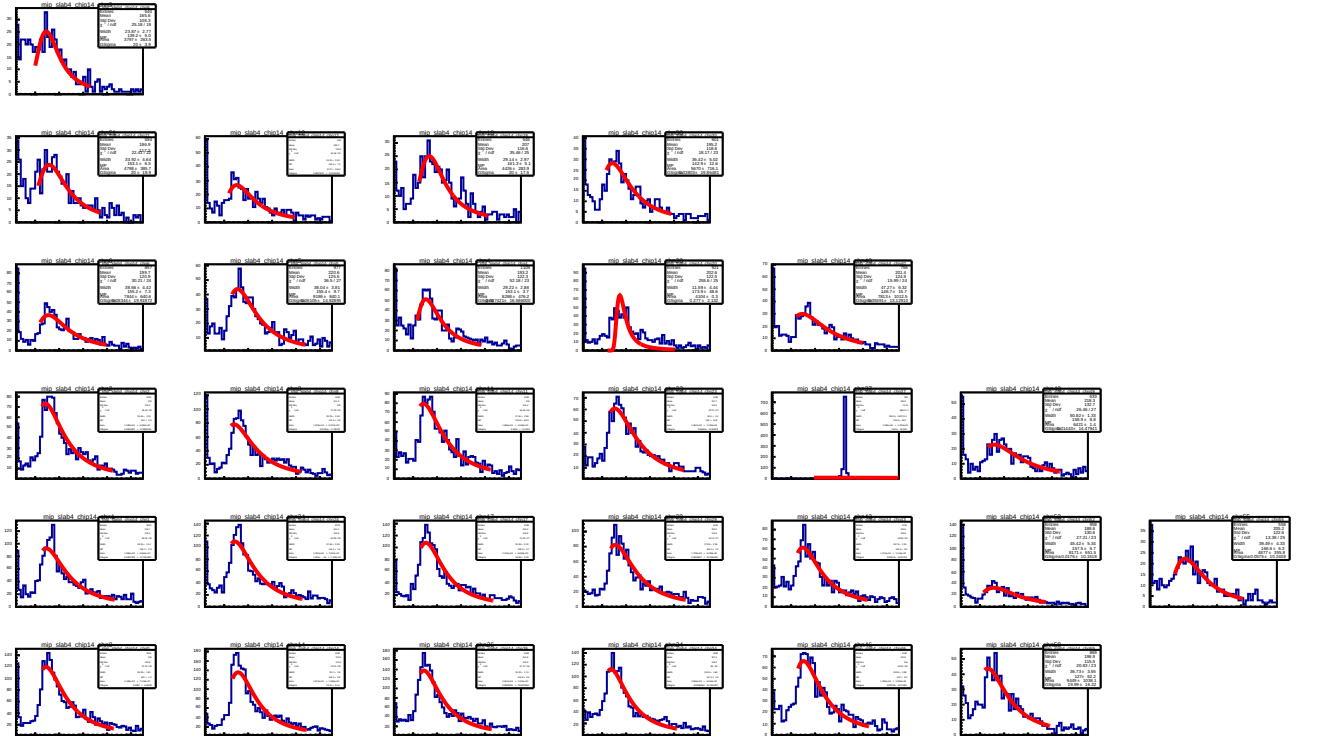

mip_slab4_chip0_ch26
Entries 1000
Mean 1013
Std Dev 25.15
χ² / ndf 1180.73
Width -141.6e- 1.1
Mean 1013.0 ± 0.
Sigma 0.9997 ± 0.0
280
270
260
250
240
230
220
210
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0

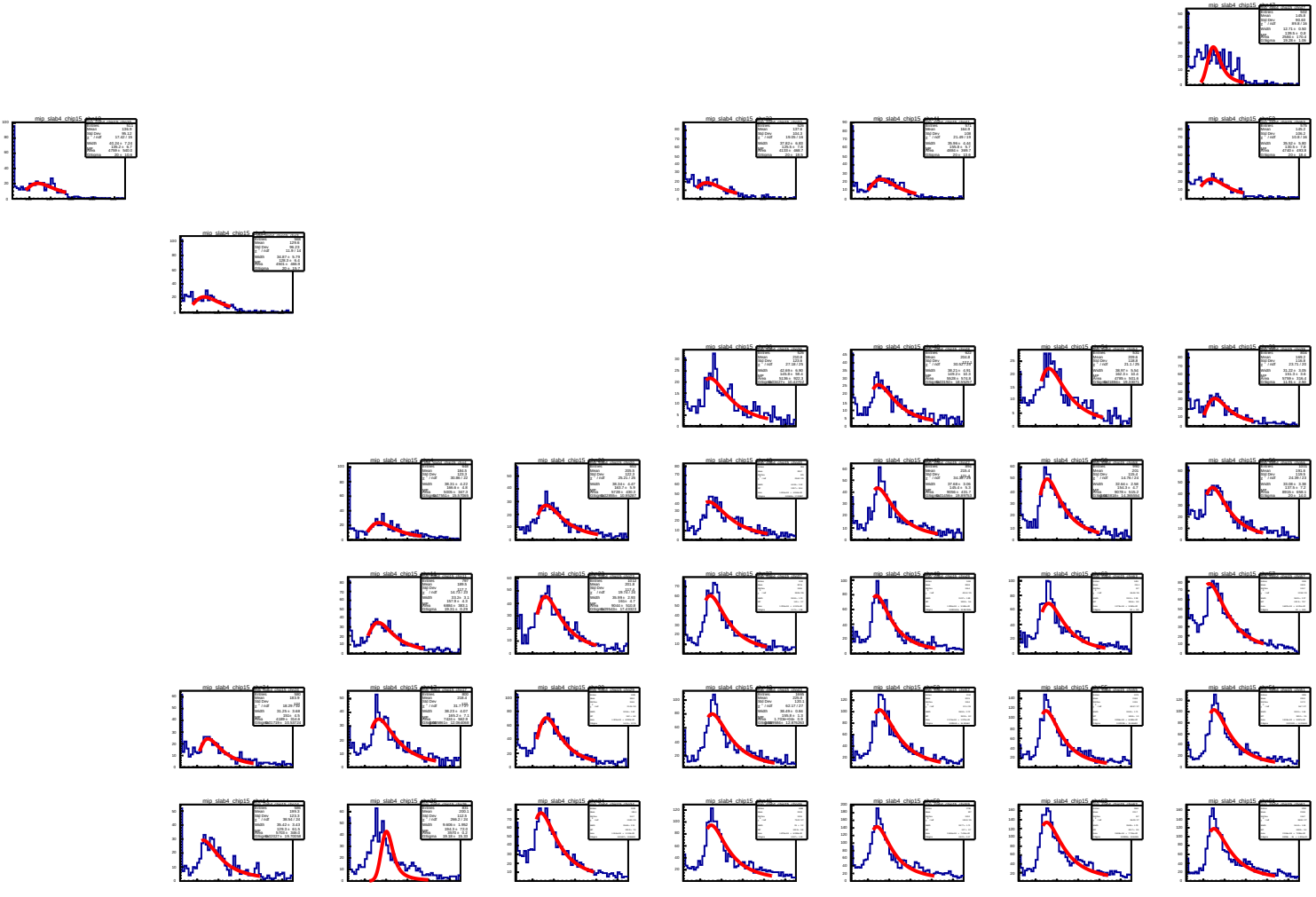

mip_slab4_chip0_ch27
Entries 1000
Mean 1013
Std Dev 25.15
χ² / ndf 1180.73
Width 2.187e+2 1.1
Mean 1710.0 ± 0.
Sigma 0.9997 ± 0.0
280
270
260
250
240
230
220
210
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0


mip_slab4_chip0_ch28
Entries 1000
Mean 1013
Std Dev 25.15
χ² / ndf 44.72 / 18
Width 0.3484± 0.0471
Mean 1013.1 ± 0.0
Sigma 25.21 ± 0.0
150
140
130
120
110
100
90
80
70
60
50
40
30
20
10
0


mip_slab4_cbin33_eta=0.5
Entries 1000
Mean 0.0
Std Dev 55.35
χ² / ndf 255.77 / 14
Prob 0.000e-01
MPV 0.0000 ± 0.0
Sigma 4.4227 ± 0.0
450
400
350
300
250
200
150
100
50
0






mip slab4 chip15
mip slab4 chip15
mip slab4 chip15