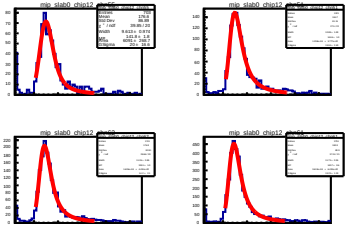
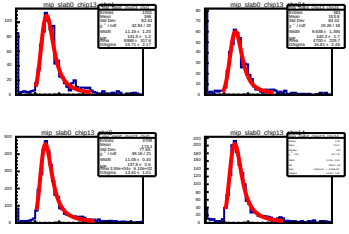
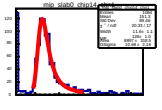
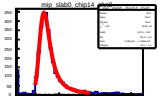
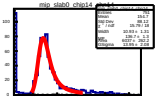
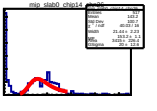

mip_slab0_chip12_chan56
Entries 1000
Mean 19.12
Std Dev 88.69
χ² / ndf 39.00 / 29
Prob 0.0
Mean 0.0224 ± 0.019
Sigma 3.41 ± 1.8
Width 0.0111 ± 0.0
Area 1000 ± 0.0
mip_slab0_chip12_chan56
mip_slab0_chip12_chan56
mip_slab0_chip12_chan56

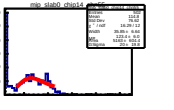

mip_slab0_chip13_chan1
Entries 1000
Mean 0.0
Std Dev 82.61
χ² / ndf 424.0 / 97
Const 11.19 ± 1.20
MPV 141.9 ± 1.2
Width 10.71 ± 0.12
Integral 19.71 ± 2.2
mip_slab0_chip13_chan2
Entries 1000
Mean 0.0
Std Dev 82.32
χ² / ndf 1.0 / 1
Const 9.939 ± 1.344
MPV 140.9 ± 2.7
Width 10.21 ± 0.24
Integral 19.01 ± 2.69
mip_slab0_chip13_chan3
Entries 1000
Mean 0.0
Std Dev 49.34 / 21
χ² / ndf
Const 11.05 ± 0.43
MPV 139.1 ± 0.6
Width 9.53e+00 ± 5.53e+00
Integral 13.41 ± 1.21
mip_slab0_chip13_chan4
Entries
Mean
Std Dev
χ² / ndf
Const
MPV
Width
Integral


mip_slab0_chip14_chn1
Entries 1000
Mean 13.12
Std Dev 89.49
χ² / ndf 20.38 / 6
Const 1.14e+ 1.1
Mean 196+ 3.0
Sigma 197.8 ± 3.0
Integral 197.8 ± 3.0

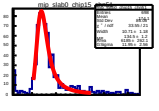

mip_slab0_chip14_chn2
Entries 1000
Mean 13.12
Std Dev 79.42
χ² / ndf 16.79 / 6
Const 3.25 ± 6.0
Mean 125.4 ± 6.0
Sigma 13.01 ± 10.2
Integral 27 ± 12.2

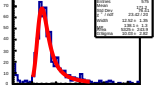

mip_slab0_chip14_chn3
Entries 1000
Mean 160.2
Std Dev 40.57
χ² / ndf 40.57 / 16
Const 21.44 ± 2.23
Mean 160.2 ± 0.8
Sigma 13.01 ± 0.8
Integral 39 ± 0.4

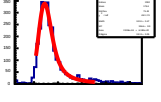

mip_slab0_chip14_chn4
Entries 1000
Mean 13.12
Std Dev 79.42
χ² / ndf 14.79 / 6
Const 1.14e+ 1.1
Mean 196+ 3.0
Sigma 197.8 ± 3.0
Integral 197.8 ± 3.0

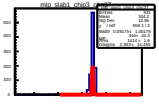

mip_slab0_chip14_chn5
Entries 1000
Mean 13.12
Std Dev 79.42
χ² / ndf 14.79 / 6
Const 3.25 ± 6.0
Mean 125.4 ± 6.0
Sigma 13.01 ± 10.2
Integral 27 ± 12.2

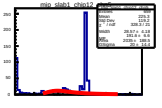
mip slab0 chip15 chan16
Entries 1000
Mean 0.7
Std Dev 0.71
χ² / ndf 1.e+3
Prob 0.000
Constant 1.e+3
Mean 0.000 ± 0.000
Sigma 0.000 ± 0.000
Constant = 1.e+3
Mean = 0.000
Sigma = 0.000

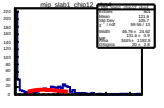

mip slab0 chip15 chan56
Entries 1000
Mean 10.7
Std Dev 1.07
χ² / ndf 1.e+3
Prob 0.000
Constant 10.75 ± 0.10
Mean 10.6 ± 0.2
Sigma 0.94 ± 0.02
Constant = 10.75
Mean = 10.6
Sigma = 0.94

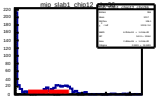

mip slab0 chip15 chan55
Entries 1000
Mean 12.1
Std Dev 1.2
χ² / ndf 23.4E+3
Prob 0.000
Constant 12.92 ± 1.35
Mean 12.1 ± 0.3
Sigma 0.929 ± 0.013
Constant = 12.92
Mean = 12.1
Sigma = 0.929


mip slab0 chip15 chan54
Entries 1000
Mean 7.9
Std Dev 1.4
χ² / ndf 1.e+3
Prob 0.000
Constant 1.e+3
Mean 0.000 ± 0.000
Sigma 0.000 ± 0.000
Constant = 1.e+3
Mean = 0.000
Sigma = 0.000

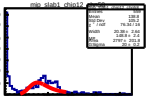

mip_slab1_chip3_ch10
Entries 1024
Mean 0.0
Mean x 0.0
Std Dev 1.0
Std Dev x 1.0
Integral 1024.0
Underflow 0.0
Overflow 0.0
500
400
300
200
100
0

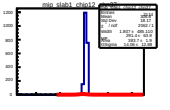

mip slab1 chip12 chan56
Mean 233.2
Std Dev 13.12
χ² / ndf 328.2 / 21
Width 26.67 ± 0.13
MPV 234.0 ± 0.4
Area 2980.1 ± 18.1
Sigma 1.274 ± 0.011

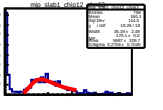

mip slab1 chip12 chan56
Mean 101.9
Std Dev 10.11
χ² / ndf 59.06 / 10
Width 46.39 ± 29.02
MPV 101.9 ± 0.4
Area 3420.1 ± 102.9
Sigma 20.7 ± 1.4

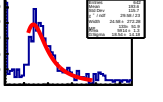

mip slab1 chip12 chan56
Mean 112.8
Std Dev 10.11
χ² / ndf 57.82 / 14
Width 36.57 ± 8.92
MPV 130.0 ± 0.3
Area 1478.8 ± 17.3
Sigma 10.06 ± 0.14

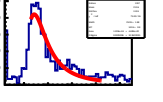
mip slab1 chip12 chan56
Mean 114.1
Std Dev 10.11
χ² / ndf 21.31 / 15
Width 31.61 ± 9.91
MPV 114.1 ± 0.3
Area 4102.4 ± 34.2
Sigma 21.9 ± 1.1

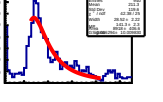

mip slab1 chip12 chan56
Mean 130.8
Std Dev 10.11
χ² / ndf 79.92 / 16
Width 31.88 ± 9.42
MPV 130.8 ± 0.3
Area 3797.1 ± 30.2
Sigma 20.7 ± 1.1

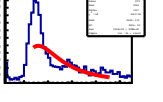

mip slab1 chip12 chan56
Mean 103.8
Std Dev 10.11
χ² / ndf 2062 / 1
Width 1.827 ± 200.112
MPV 291.4 ± 93.8
Area 1.0 ± 1.0
Sigma 13.55 ± 1.18

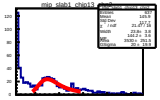

mip slab1 chip12 chan56
Mean 154.1
Std Dev 10.11
χ² / ndf 19.26 / 16
Width 29.19 ± 0.00
MPV 170.2 ± 0.0
Area 1.0 ± 0.0
Sigma 0.2502 ± 0.0000

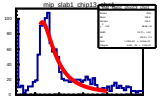

mip slab1 chip12 chan56
Mean 33.0
Std Dev 10.11
χ² / ndf 29.62 / 7
Width 24.56 ± 372.28
MPV 150.1 ± 92.0
Area 1.0 ± 1.0
Sigma 19.54 ± 1.12

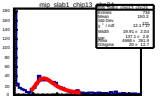

mip slab1 chip12 chan56
Mean 0.0
Std Dev 10.11
χ² / ndf 0.0 / 0
Width 0.0 ± 0.0
MPV 0.0 ± 0.0
Area 0.0 ± 0.0
Sigma 0.0 ± 0.0

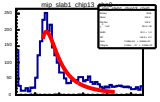

mip slab1 chip12 chan56
Mean 33.0
Std Dev 10.11
χ² / ndf 42.87 / 15
Width 28.50 ± 2.22
MPV 150.1 ± 0.3
Area 1.0 ± 0.0
Sigma 19.54 ± 0.16

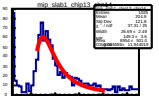

mip slab1 chip12 chan56
Mean 0.0
Std Dev 10.11
χ² / ndf 0.0 / 0
Width 0.0 ± 0.0
MPV 0.0 ± 0.0
Area 0.0 ± 0.0
Sigma 0.0 ± 0.0

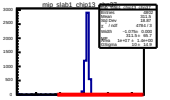

mip slab1 chip13 strip1
Entries 1024
Mean 115.5
Std Dev 27.13
χ² / ndf 21.47 / 14
Width 23.84 ± 3.8
MPV 140.2 ± 3.6
Area 1.0e+04 ± 1.0e+03
Sigma 10.4 ± 13.9

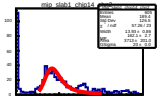

mip slab1 chip13 strip2
Entries 1024
Mean 115.5
Std Dev 27.13
χ² / ndf 21.47 / 14
Width 23.84 ± 3.8
MPV 140.2 ± 3.6
Area 1.0e+04 ± 1.0e+03
Sigma 10.4 ± 13.9

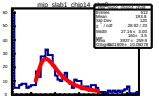

mip slab1 chip13 strip3
Entries 1024
Mean 115.5
Std Dev 27.13
χ² / ndf 21.47 / 14
Width 23.84 ± 3.8
MPV 140.2 ± 3.6
Area 1.0e+04 ± 1.0e+03
Sigma 10.4 ± 13.9

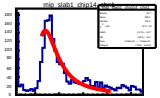

mip slab1 chip13 strip4
Entries 1024
Mean 115.5
Std Dev 27.13
χ² / ndf 21.47 / 14
Width 23.84 ± 3.8
MPV 140.2 ± 3.6
Area 1.0e+04 ± 1.0e+03
Sigma 10.4 ± 13.9

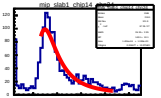

mip slab1 chip13 strip5
Entries 1024
Mean 115.5
Std Dev 27.13
χ² / ndf 21.47 / 14
Width 23.84 ± 3.8
MPV 140.2 ± 3.6
Area 1.0e+04 ± 1.0e+03
Sigma 10.4 ± 13.9

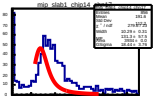

mip slab1 chip13 strip7
Entries 1024
Mean 115.5
Std Dev 27.13
χ² / ndf 4784.17 / 14
Width 0.2756 ± 0.002
MPV 213.9 ± 60.7
Area 54-07 ± 1.0e+03
Sigma 0.1 ± 11.9

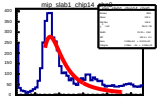

mip slab1 chip14 chan0
Entries 1024
Mean 13.61
Std Dev 57.28 / 19
χ² / ndf 13.93 / 0.99
Width 142.1 ± 2.7
MPV 57.91 ± 0.9
Integral 1.01 ± 0.0

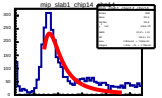

mip slab1 chip14 chan1
Entries 1024
Mean 14.12
Std Dev 28.92 / 19
χ² / ndf 27.16 / 3.01
Width 70.4
MPV 2603.6 ± 0.0
Integral 1.01 ± 0.0

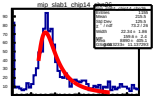

mip slab1 chip14 chan2
Entries 1024
Mean 19.17
Std Dev 27.9 / 19
χ² / ndf 20.29 / 9.51
Width 131.1 ± 5.9
MPV 2884 ± 5.5
Integral 1.01 ± 0.0

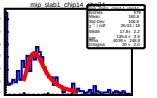

mip slab1 chip14 chan3
Entries 1024
Mean 19.17
Std Dev 27.9 / 19
χ² / ndf 20.29 / 9.51
Width 131.1 ± 5.9
MPV 2884 ± 5.5
Integral 1.01 ± 0.0

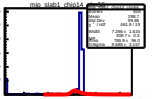

mip slab1 chip14 chan4
Entries 1024
Mean 19.17
Std Dev 27.9 / 19
χ² / ndf 20.29 / 9.51
Width 131.1 ± 5.9
MPV 2884 ± 5.5
Integral 1.01 ± 0.0


mip slab1 chip14 chan5
Entries 1024
Mean 19.17
Std Dev 27.9 / 19
χ² / ndf 20.29 / 9.51
Width 131.1 ± 5.9
MPV 2884 ± 5.5
Integral 1.01 ± 0.0

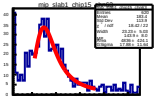

mip slab1 chip14 chan6
Entries 1024
Mean 19.17
Std Dev 27.9 / 19
χ² / ndf 20.29 / 9.51
Width 131.1 ± 5.9
MPV 2884 ± 5.5
Integral 1.01 ± 0.0

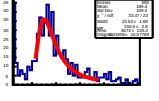

mip slab1 chip14 chan7
Entries 1024
Mean 19.17
Std Dev 27.9 / 19
χ² / ndf 20.29 / 9.51
Width 131.1 ± 5.9
MPV 2884 ± 5.5
Integral 1.01 ± 0.0

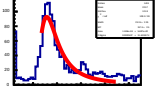

mip slab1 chip14 chan8
Entries 1024
Mean 19.17
Std Dev 27.9 / 19
χ² / ndf 20.29 / 9.51
Width 131.1 ± 5.9
MPV 2884 ± 5.5
Integral 1.01 ± 0.0

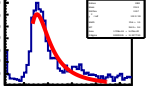

mip slab1 chip14 chan9
Entries 1024
Mean 19.17
Std Dev 27.9 / 19
χ² / ndf 20.29 / 9.51
Width 131.1 ± 5.9
MPV 2884 ± 5.5
Integral 1.01 ± 0.0

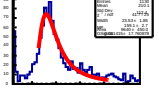
mip slab1 chip15 strip15 noise noise
Entries 1000
Mean 0.0
Std Dev 47.0
χ² / ndf 0.0 / 0
Width 0.000 ± 0.000
MPV 0.000 ± 0.000
Area 0.000 ± 0.000
Sigma 0.000 ± 0.000

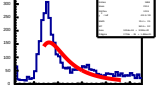

mip slab1 chip15 strip0 signal noise
Entries 1000
Mean 103.4
Std Dev 103.4
χ² / ndf 16.4/17.19
Width 23.23 ± 5.23
MPV 3.43 ± 0.0
Area 1.00 ± 0.00
Sigma 17.80 ± 13.50

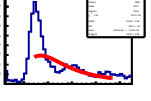

mip slab1 chip15 strip5 signal noise
Entries 1000
Mean 100.2
Std Dev 100.2
χ² / ndf 0.0 / 0
Width 23.52 ± 1.49
MPV 2.50 ± 0.0
Area 1.00 ± 0.00
Sigma 20.00 ± 0.00

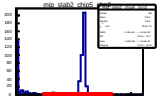

mip slab1 chip15 strip10 signal noise
Entries 1000
Mean 0.0
Std Dev 0.0
χ² / ndf 0.0 / 0
Width 0.000 ± 0.000
MPV 0.000 ± 0.000
Area 0.000 ± 0.000
Sigma 0.000 ± 0.000

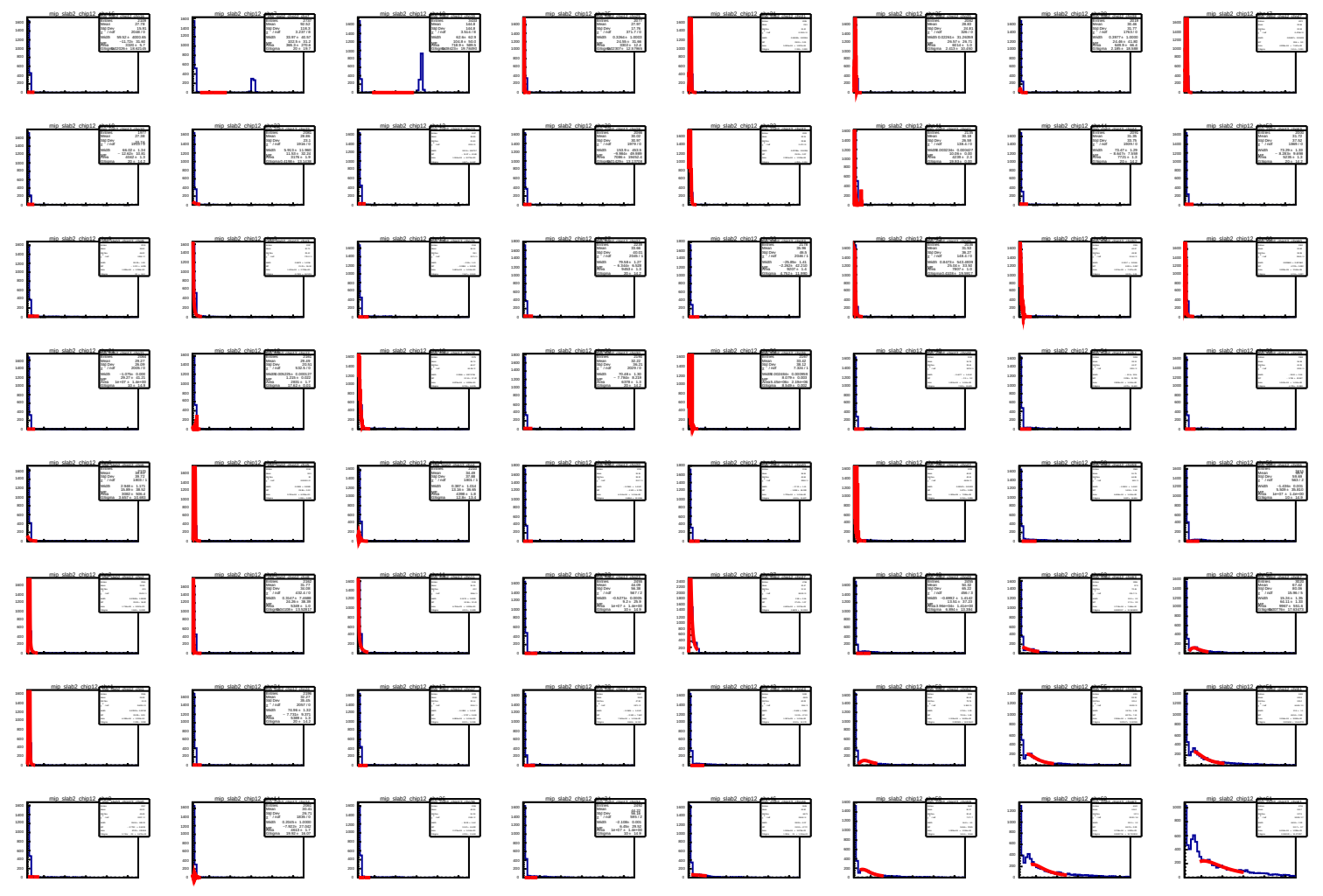

mip slab1 chip15 strip15 signal noise
Entries 1000
Mean 0.0
Std Dev 0.0
χ² / ndf 0.0 / 0
Width 0.000 ± 0.000
MPV 0.000 ± 0.000
Area 0.000 ± 0.000
Sigma 0.000 ± 0.000

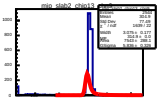

mip slab1 chip15 strip20 signal noise
Entries 1000
Mean 103.4
Std Dev 103.4
χ² / ndf 17.7/17.19
Width 23.93 ± 1.95
MPV 3.43 ± 0.0
Area 1.00 ± 0.00
Sigma 20.00 ± 0.00

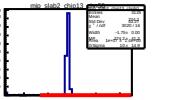

mip slab1 chip15 strip25 signal noise
Entries 1000
Mean 0.0
Std Dev 0.0
χ² / ndf 0.0 / 0
Width 0.000 ± 0.000
MPV 0.000 ± 0.000
Area 0.000 ± 0.000
Sigma 0.000 ± 0.000

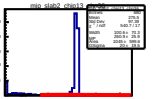

mip slab1 chip15 strip30 signal noise
Entries 1000
Mean 0.0
Std Dev 0.0
χ² / ndf 0.0 / 0
Width 0.000 ± 0.000
MPV 0.000 ± 0.000
Area 0.000 ± 0.000
Sigma 0.000 ± 0.000


mio_slab2_chip5_strip2
200
180
160
140
120
100
80
60
40
20
0




mip slab2 chip13


mip slab2 chip13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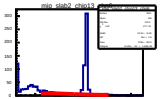
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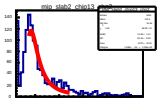
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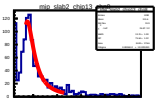
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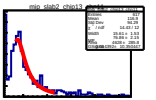
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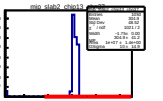
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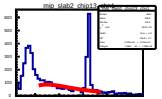
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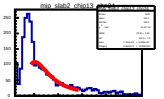
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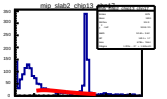
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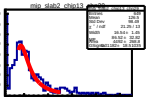
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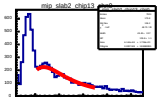
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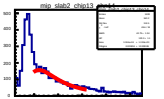
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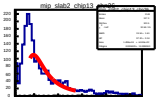
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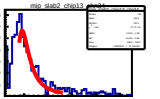
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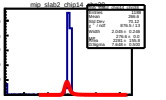
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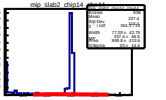
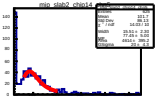

mip_slab2_chip14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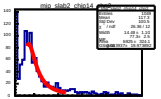
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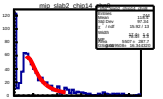
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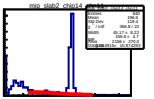
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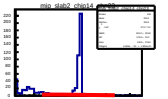
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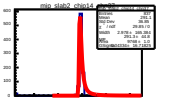
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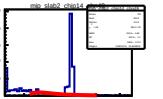
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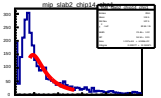
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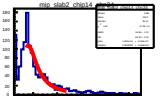
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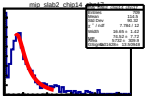
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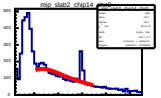
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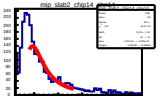
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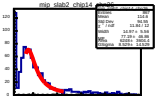
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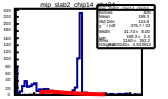
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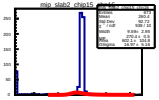
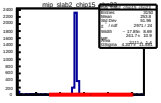
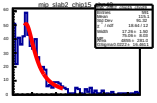
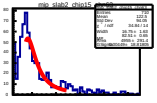
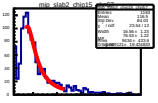
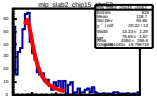

mip_slab2_chip15_chan32
Entries 2914
Mean 38.27
Std Dev 32.72
χ² / ndf 5181 / 63
Width 3.06 ± 3.06
MPV 0.00 ± 0.00
Area 602.0 ± 120.0
Sigma 34.47 ± 0.14

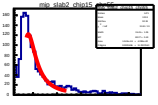

mip_slab2_chip15_chan33
Entries 2914
Mean 2077.
Std Dev 21.4
χ² / ndf 2971 / 66
Width -17.09 ± 0.01
MPV 2077 ± 10.9
Area 2.07E+05 ± 0.0
Sigma 1.07E+05 ± 0.0

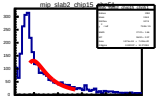

mip_slab2_chip15_chan34
Entries 2914
Mean 17.24
Std Dev 22.5
χ² / ndf 18.60 / 12
Width 17.24 ± 1.31
MPV 76.00 ± 0.10
Area 1.00E+05 ± 0.0
Sigma 18.60 ± 0.01

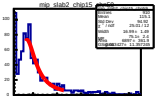

mip_slab2_chip15_chan35
Entries 2914
Mean 25.75
Std Dev 22.5
χ² / ndf 34.84 / 14
Width 25.75 ± 1.63
MPV 82.61 ± 0.80
Area 1.00E+05 ± 0.0
Sigma 34.84 ± 0.04

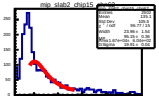

mip_slab2_chip15_chan36
Entries 2914
Mean 33.94
Std Dev 22.5
χ² / ndf 33.94 / 14
Width 33.94 ± 2.21
MPV 76.93 ± 1.12
Area 1.00E+05 ± 0.0
Sigma 33.94 ± 0.0283

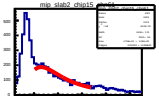

mip_slab2_chip15_chan37
Entries 2914
Mean 50.66
Std Dev 22.5
χ² / ndf 39.04 / 14
Width 13.31 ± 1.19
MPV 78.65 ± 1.37
Area 1.00E+05 ± 0.0
Sigma 39.04 ± 0.0313

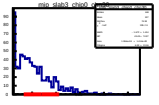

mip_slab2_chip15_chan38
Entries 2914
Mean 0.0
Std Dev 0.0
χ² / ndf 0.0 / 0
Width 0.0 ± 0.0
MPV 0.0 ± 0.0
Area 0.0 ± 0.0
Sigma 0.0 ± 0.0


mip_slab2_chip15_chan39
Entries 2914
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_slab2_chip15_chan40
Entries 2914
Mean 34.09
Std Dev 22.5
χ² / ndf 25.22 / 13
Width 34.09 ± 1.29
MPV 77.00 ± 0.90
Area 1.00E+05 ± 0.0
Sigma 25.22 ± 0.0171


mip_slab2_chip15_chan41
Entries 2914
Mean 100.1
Std Dev 22.5
χ² / ndf 96.77 / 13
Width 23.96 ± 1.56
MPV 0.00 ± 0.00
Area 1.07E+05 ± 0.0
Sigma 96.77 ± 0.0


mip_slab2_chip15_chan42
Entries 2914
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


mio_dist3_chi0_dmdt3
Entries 1
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
Integral 1.000e+00
Skewness 0.000e+00
Kurtosis 0.000e+00
Chi2 / ndf 1.000e+00 / 0
Prob 1.000e+00
Constant 1.000e+00
Mean 0.000e+00
Sigma 0.000e+00
0
5
10
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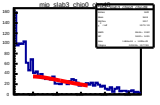
65
70
75
80


mio_dist3_chi0_dmdt3
Entries 1
Mean 0.0
RMS 0.0
Underflow 0
Overflow 0
Integral 1.000e+00
Skewness 0.000e+00
Kurtosis 0.000e+00
Chi2 / ndf 1.000e+00 / 0
Prob 1.000e+00
Constant 1.000e+00
Mean 0.000e+00
Sigma 0.000e+00
0
5
10
15
20
25
30
35
40
45
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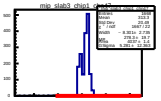
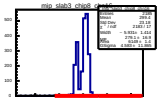
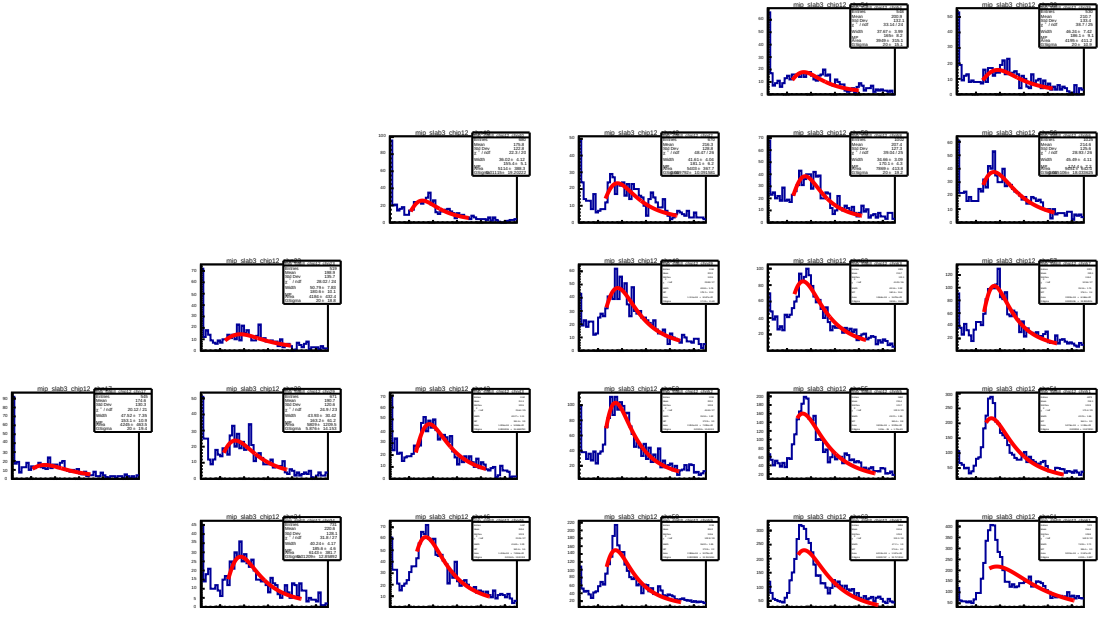
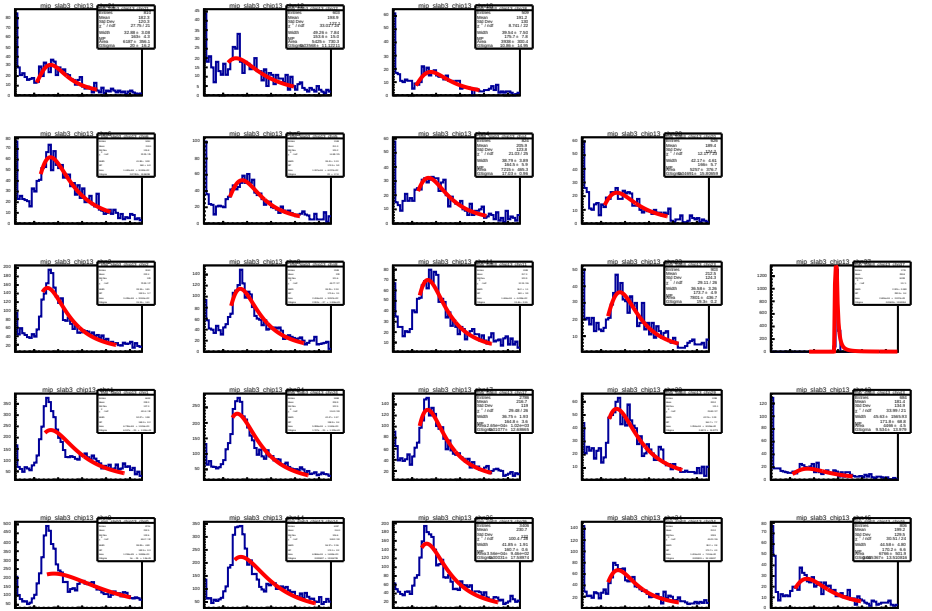
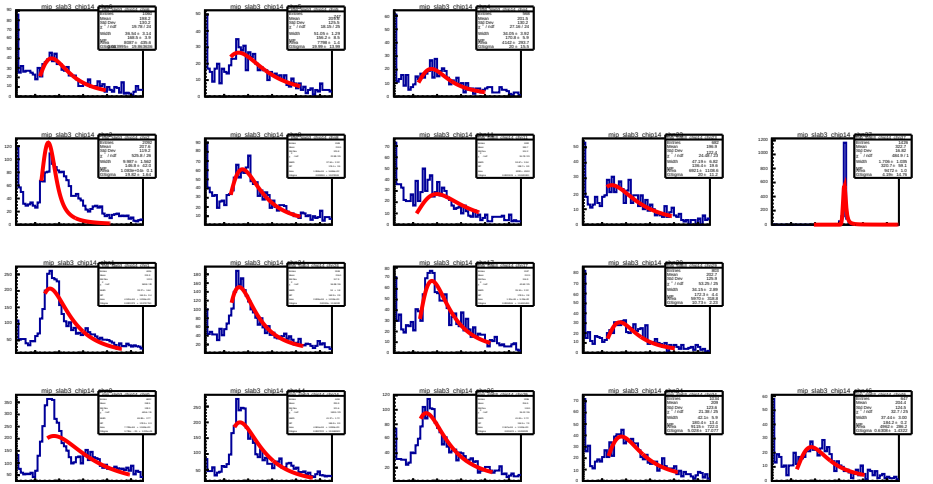
125
130
135
140

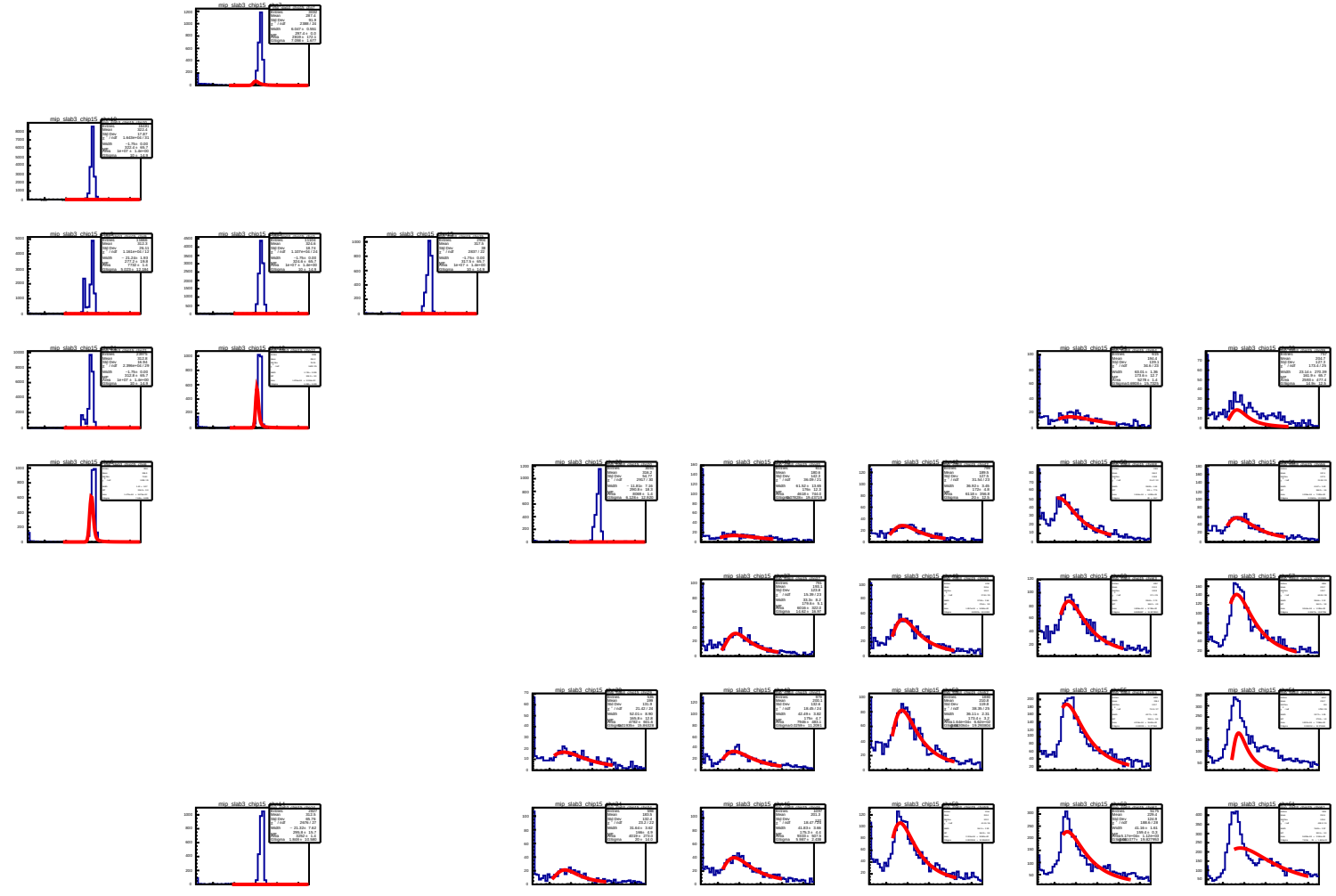

mip_slab3_chip1_chan25
Entries 1000
Mean 2.514
Std Dev 25.18
χ² / ndf 2667.7 / 7
Width 0.3010 ± 2.726
Sigma 0.2127 ± 3.5
Mpv 2.577 ± 0.4
Sigma_N 0.9417 ± 0.04

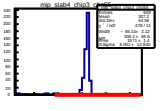

msp slab3 chip8 ch16
Statistics on memory
Entries 2612
Mean 23.18
RMS Dev 21811.17
Underflow 0
Overflow 0
Integral 2612.0
Mean x 1.414
RMS x 0.6
Skewness x 1.000
500
400
300
200
100
0

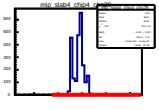

mip slab3 chip12
mip slab3 chip12
mip slab3 chip12

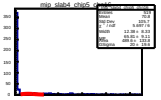


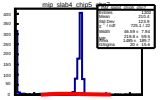

mip slab3 chip14
Mean 1447.4
Std Dev 233.2
χ² / ndf 19.75 / 24
Width 78.84 ± 5.14
Mpv 1447.1 ± 0.9
Integral 14.24 ± 0.14
mip slab3 chip14
Mean 2148
Std Dev 1313
χ² / ndf 18.16 / 25
Width 51.55 ± 1.71
Mpv 1708 ± 1.6
Integral 19.97 ± 0.18
mip slab3 chip14
Mean 2013.3
Std Dev 230.2
χ² / ndf 27.16 / 26
Width 78.55 ± 5.92
Mpv 2013.1 ± 1.1
Integral 27.1 ± 0.3
mip slab3 chip14
Mean 2224
Std Dev 1313
χ² / ndf 526.87 / 26
Width 6.587 ± 1.562
Mpv 1136.6 ± 42.0
Integral 1.0 ± 0.0
mip slab3 chip14
Mean 1914.4
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1947.4
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1947.4
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2
mip slab3 chip14
Mean 1224
Std Dev 1313
χ² / ndf 26.17 / 26
Width 27.24 ± 9.41
Mpv 1962.0 ± 29.9
Integral 10.7 ± 0.2

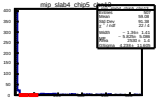


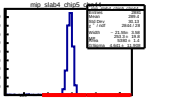

mip slab4 chip3 chan5
Entries 10000
Mean 39.17
Std Dev 56.98
χ² / ndf 474.9 / 19
p0 55.124 ± 2.12
p1 -0.06 ± 0.05
p2 -1.79 ± 1.12
p3 0.0007 ± 0.0007
240
220
200
180
160
140
120
100
80
60
40
20
0

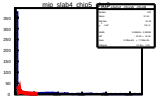


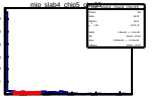

mip_slab4_chip5_ch0
Entries 1024
Mean 325.7
Std Dev 5.697 / N
χ² / ndf 22.38 / 8.33
Width 2.848 ± 0.212
Mean 488.8 ± 13.0
Integral 20 ± 0.0

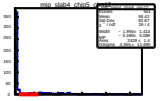

mip_slab4_chip5_ch2
Entries 1024
Mean 121.8
Std Dev 729.2 / N
χ² / ndf 16.98 / 7.63
Width 0.000 ± 7.63
Mean 1.00 ± 0.0
Integral 20 ± 0.0

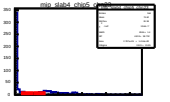

mip_slab4_chip5_ch4
Entries 1024
Mean 50.08
Std Dev 22.17
χ² / ndf 22 / 2
Width 1.394 ± 1.41
Mean −0.0000 ± 0.0
Mean 0.000 ± 0.0
Integral 0.000 ± 0.000

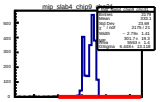

mip_slab4_chip5_ch6
Entries 1024
Mean 200.4
Std Dev 29.63 / N
χ² / ndf 29.63 / 19
Width −21.50± 3.50
Mean 1.000 ± 0.0
Mean 0.000 ± 0.0
Integral 0.000 ± 0.000

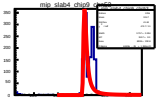

mip_slab4_chip5_ch8
Entries 0 ch
Mean 0 ch
Std Dev 0 ch
χ² / ndf
Width 0.000± 0.000
Mean 0.000 ± 0.0
Mean 0.000 ± 0.000
Integral 0.000 ± 0.000

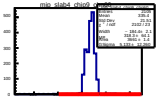

mip_slab4_chip5_ch10
Entries 0 ch
Mean 0 ch
Std Dev 0 ch
χ² / ndf
Width 0.000± 0.000
Mean 0.000 ± 0.0
Mean 0.000 ± 0.000
Integral 0.000 ± 0.000

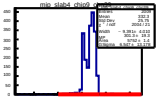

mip_slab4_chip5_ch12
Entries 1024
Mean 98.23
Std Dev 63.47
χ² / ndf 63 / 1
Width −1.000± 1.414
Mean −0.000± 0.000
Mean −0.000 ± 0.0
Integral 0.000 ± 0.000

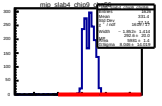

mip_slab4_chip5_ch14
Entries 0 ch
Mean 0 ch
Std Dev 0 ch
χ² / ndf
Width 0.000± 0.000
Mean 0.000 ± 0.0
Mean 0.000 ± 0.000
Integral 0.000 ± 0.000

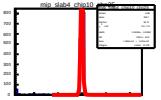

mip_slab4_chip2_check1
Entries 2211
Mean 23.68
Std Dev 21.70 / 21
χ² / ndf 2.79 / 1.41
Width 7.84 ± 1.12
Mpv 19.61 ± 1.4
Sigma 6.897 ± 2.23

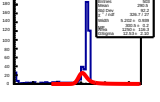
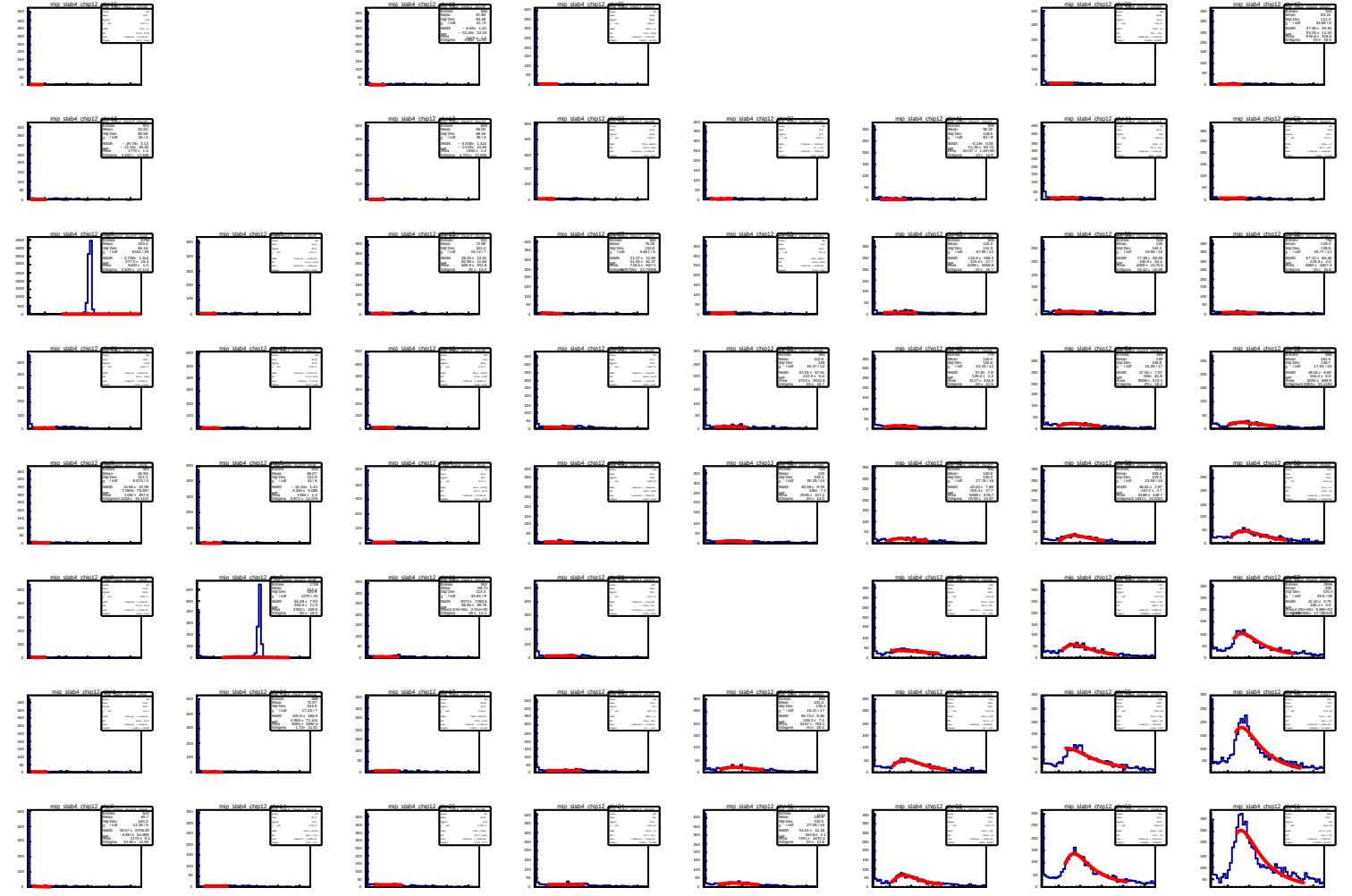
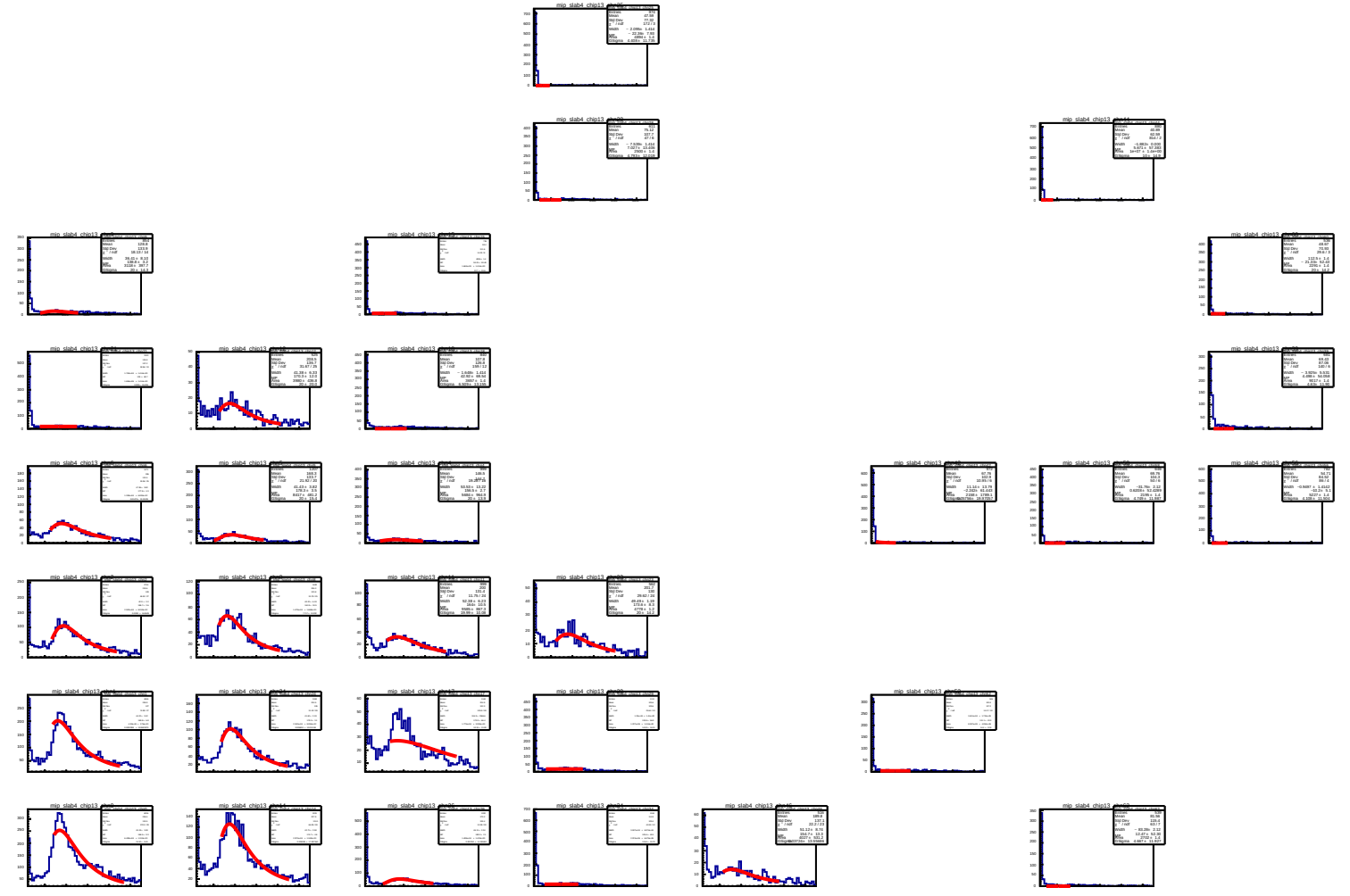
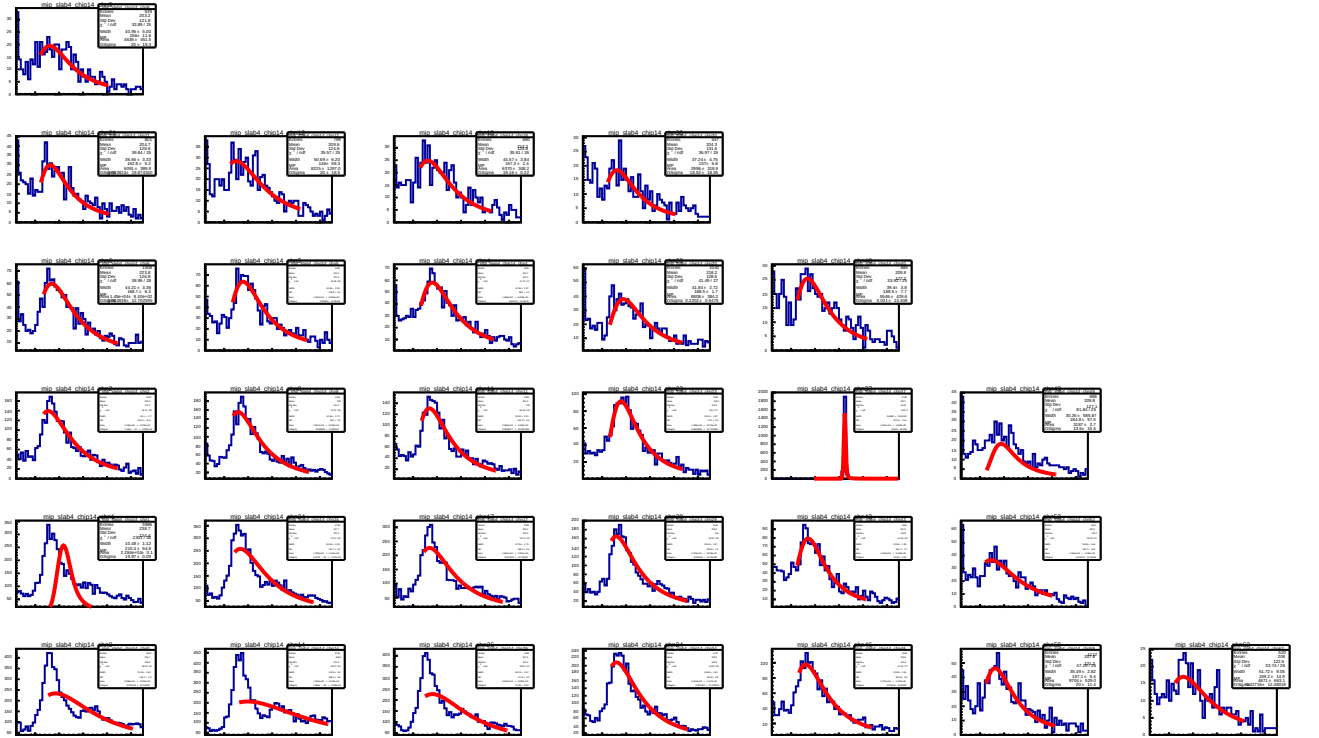
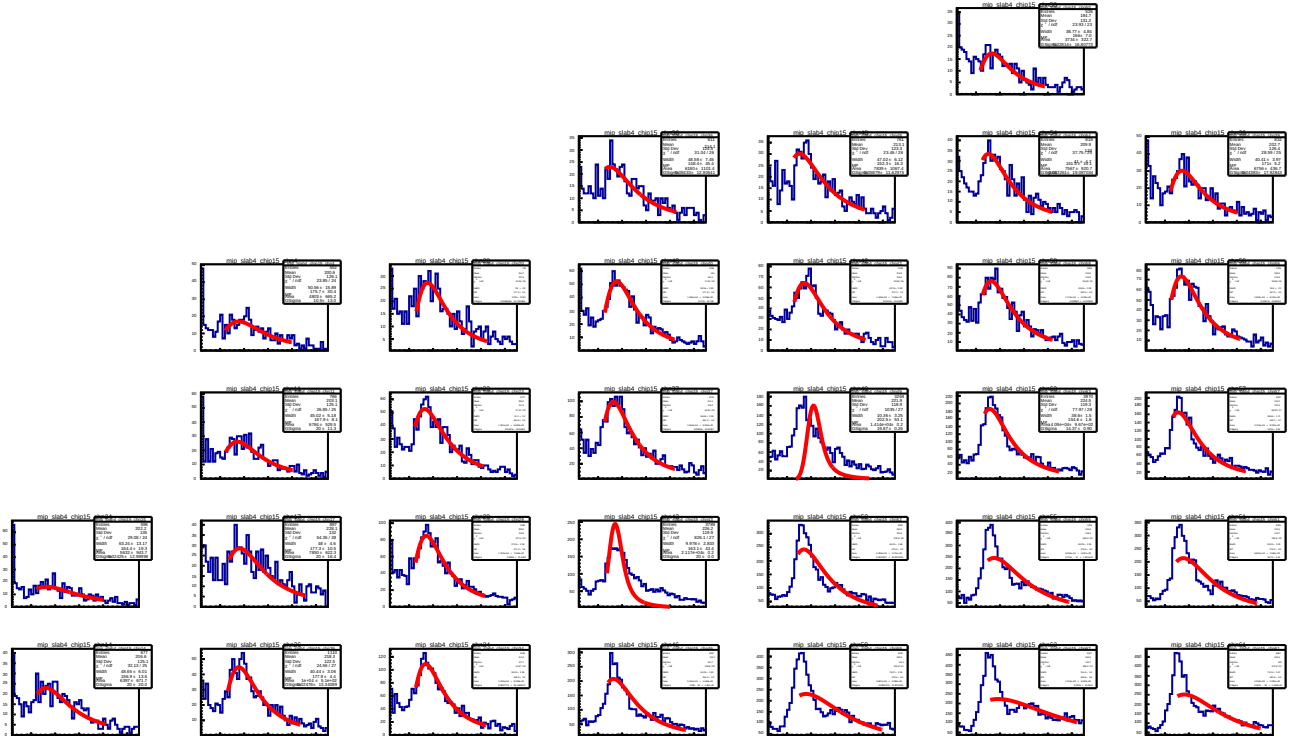

mip_slab4_chip2_check2


mip_slab4_chip2_check3
Entries 2211
Mean 205.8
Std Dev 22.77 / 22
χ² / ndf 2122.77 / 21
Width 7.84 ± 1.12
Mpv 192.44 ± 1.1
Sigma 19.61 ± 1.4
Sigma 6.897 ± 2.23


mip_slab4_chip2_check4
Entries 2211
Mean 23.68
Std Dev 21.70 / 21
χ² / ndf 2.79 / 1.41
Width 7.84 ± 1.12
Mpv 19.61 ± 1.4
Sigma 6.897 ± 2.23


mip_slab4_chip2_check5
Entries 2211
Mean 23.68
Std Dev 21.70 / 21
χ² / ndf 2.79 / 1.41
Width 7.84 ± 1.12
Mpv 19.61 ± 1.4
Sigma 6.897 ± 2.23


mip slab4 chip10 pad35
Entries 1000
Mean 0.0
Mean x 0.0
Std Dev 0.0
Underflow 0
Overflow 0
Integral 1000.0


mip slab4 chip10 pad35
Entries 2000
Mean 0.0
Mean x 0.0
Std Dev 2.2
χ² / ndf 326.7 / 27
Width 3.200 ± 0.909
Peak 1.000 ± 0.000
Area 1000 ± 18.3
Integral 1000 ± 18.3