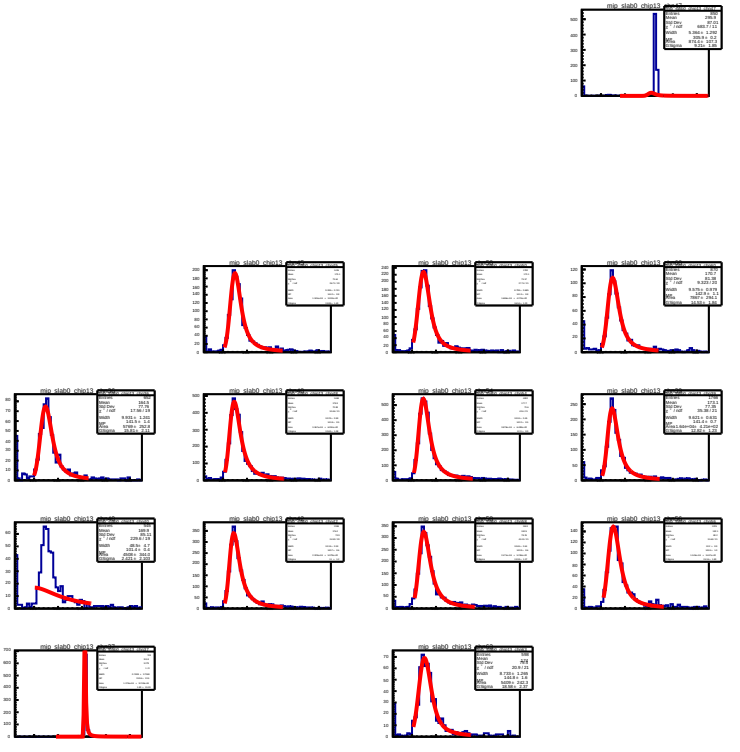
mip slab0 chip13
mip slab0 chip13
mip slab0 chip13
mip slab0 chip13
mip slab0 chip13
mip slab0 chip13
mip slab0 chip13
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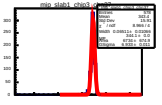
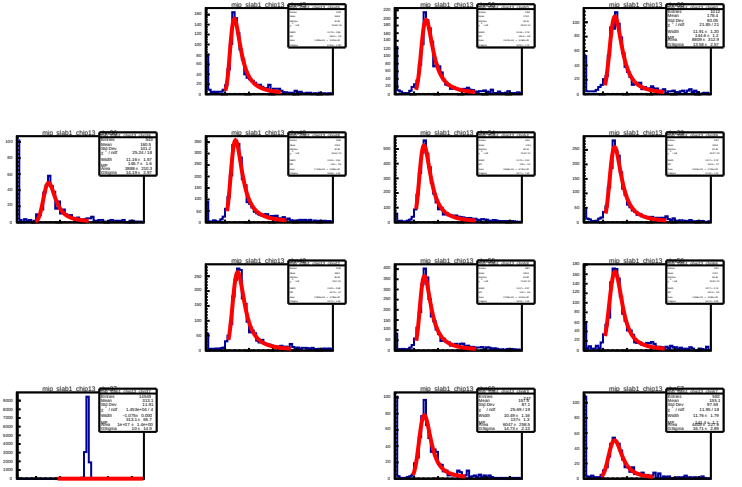
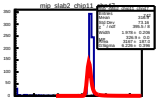
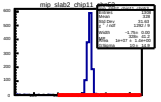
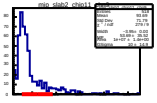
mip slab0 chip13
mip slab0 chip13
mip slab0 chip13

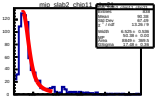

mip_slab1_chip3.root
Entries 1000
Mean 0.0011
Std Dev 0.0013
Underflow 0
Overflow 0
Integral 1000
Skewness 0.0011
Kurtosis 0.0286
Mean x 0.0011 ± 0.0
Std Dev x 0.0013 ± 0.0
Mean y 0.0011 ± 0.0
Std Dev y 0.0013 ± 0.0
300
250
200
150
100
50
0

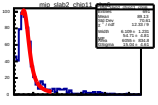

mip slab1 chip13
mip slab1 chip13
mip slab1 chip13
mip slab1 chip13
mip slab1 chip13
mip slab1 chip13
mip slab1 chip13
mip slab1 chip13
mip slab1 chip13
mip slab1 chip13
mip slab1 chip13
mip slab1 chip13

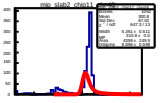

mip slab2 chip11

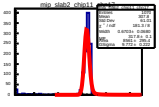

mip slab2 chip11

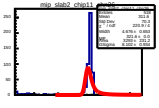

mip slab2 chip11

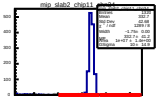

mip slab2 chip11

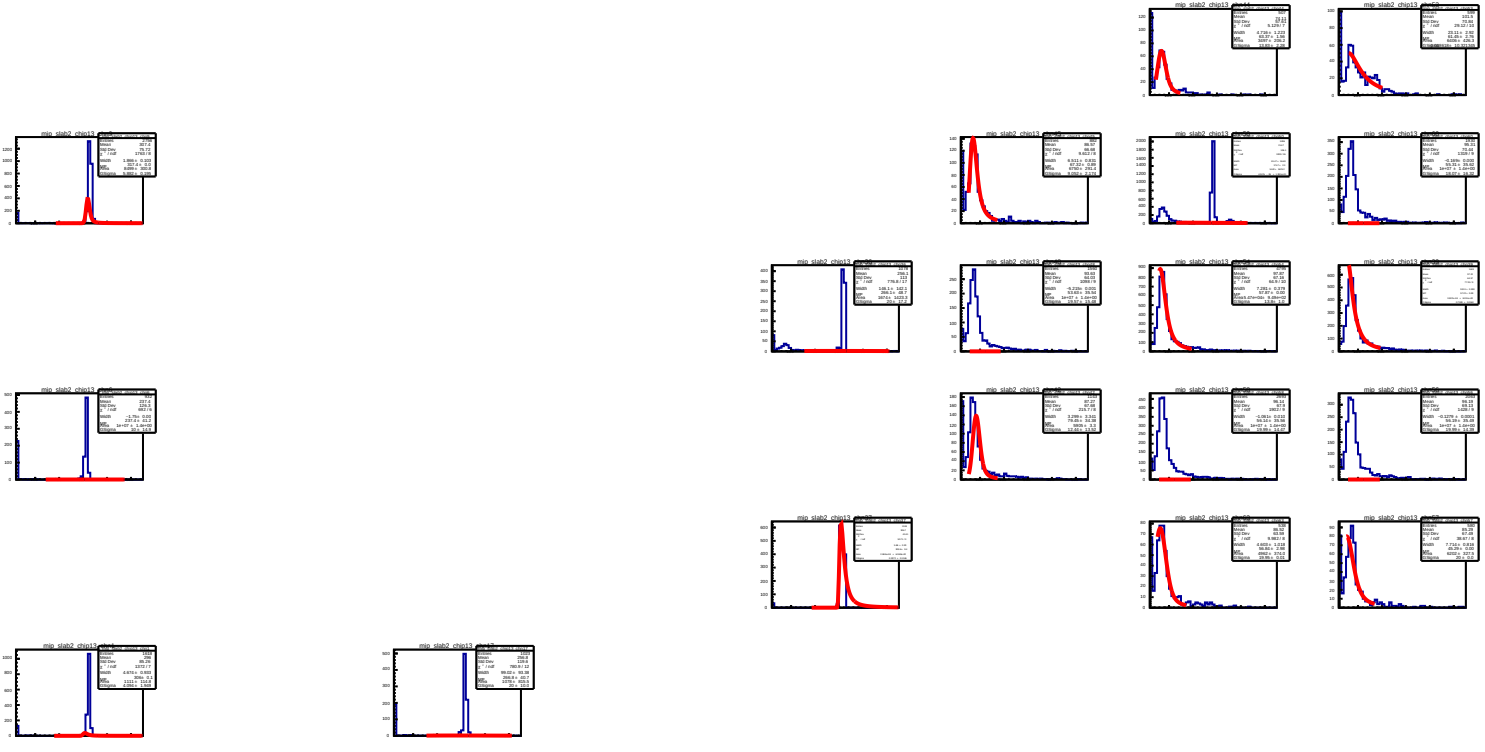

mip slab2 chip11

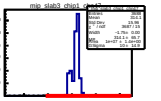

mip slab2 chip11

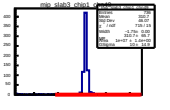

mip slab2 chip11

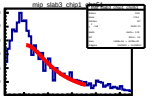

mip slab2 chip11

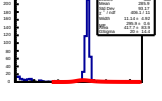

mip slab2 chip11


mip slab2 chip13
mip slab2 chip13
mip slab2 chip13

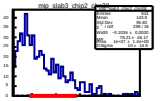

mip_slab3_chip1_chan5
Entries 2000
Mean 2.0
Std Dev 13.46
χ² / ndf 2687.7 / 5
Width 1.77± 0.12
Mean 19.4 ± 0.3
MPV 1.4 ± 0.0
Integral 2.0 ± 0.0


mip_slab3_chip1_chan5
Entries 2000
Mean 2.0
Std Dev 13.46
χ² / ndf 2687.7 / 5
Width 1.77± 0.12
Mean 19.4 ± 0.3
MPV 1.4 ± 0.0
Integral 2.0 ± 0.0

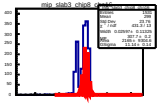

mip_slab3_chip1_chan5

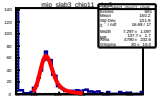

mip_slab3_chip1_chan5
Entries 2000
Mean 19.4
Std Dev 13.46
χ² / ndf 2687.7 / 5
Width 11.10 ± 0.10
Mean 457.7 ± 0.5
MPV 457.7 ± 0.5
Integral 20 ± 0.0

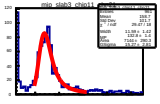
mip_slab3_chip1_chan5
Entries 2000
Mean 20.0
Std Dev 27.14
χ² / ndf 4157.7 / 13
Width 14.09 ± 0.20
Mean 410.9 ± 0.6
MPV 410.9 ± 0.6
Integral 20 ± 0.0

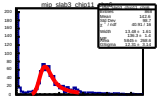

mip slab3 chip2 ch45
Entries 2000
Mean 14.12
RMS 10.03
Underflow 0
Overflow 0
Integral 2000.00
Skewness 2.71 ± 0.10
60
55
50
45
40
35
30
25
20
15
10
5
0

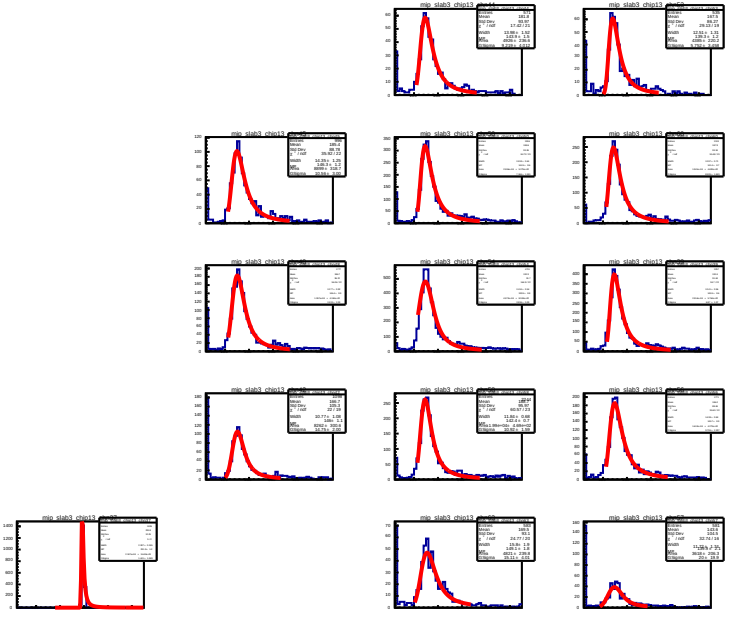
msp_slab3_chip8_chan5




msp slab3 chn11
Entries 1000
Mean 193.2
Std Dev 16.01
χ² / ndf 16.01 / 8
Width 7.297 ± 1.097
Sigma 3.57 ± 0.3
MPV 187.7 ± 1.1
Chi2prob 0.04
0
20
40
60
80
100
120
140


msp slab3 chn11
Entries 1000
Mean 192.7
Std Dev 15.1
χ² / ndf 29.07 / 7
Width 11.58 ± 1.43
Sigma 5.2 ± 0.2
MPV 214.1 ± 0.9
Chi2prob 0.0
0
20
40
60
80
100
120


msp slab3 chn11
Entries 1000
Mean 127.9
Std Dev 12.1
χ² / ndf 40.81 / 10
Width 13.05 ± 1.01
Sigma 5.9 ± 0.3
MPV 153.1 ± 0.4
Chi2prob 0.0
0
20
40
60
80
100
120
140
160
180
200


mip slab3 chip13
mip slab3 chip13
mip slab3 chip13
mip slab3 chip13
mip slab3 chip13
mip slab3 chip13
mip slab3 chip13
mip slab3 chip13
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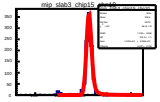
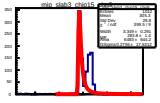
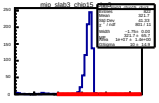
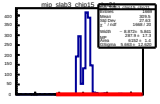
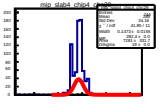
mip slab3 chip13
mip slab3 chip13
mip slab3 chip13

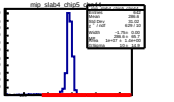

msp slab3 chip15 chan15
Entries 1000
Mean 1.000
RMS 0.000
Underflow 0
Overflow 0
Integral = 1000.00
Mean x 1.000
RMS x 0.000

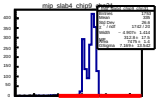

msp slab3 chip15 chan15
Entries 1000
Mean 301.3
RMS 3.000
Peak Pos 358.0 ± 0.0
Peak Amp 1000.0 ± 0.0
Width 3.535 ± 0.290
Sigma 2.500 ± 0.205
Area 1000.0 ± 0.0
Integral/Peak = 1.0000
Underflow 0
Overflow 0

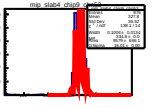

msp slab3 chip15 chan15
Entries 1000
Mean 212.7
RMS 1.000
Peak Pos 211.0 ± 0.0
Width -1.754 ± 0.0
Sigma 1.000 ± 0.000
Area 1000.0 ± 0.0
Integral/Peak = 1.0000
Underflow 0
Overflow 0

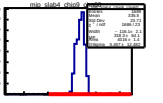

msp slab3 chip15 chan15
Entries 1000
Mean 3.000
RMS 27.00
Peak Pos 3.000
Width 6.870 ± 0.000
Sigma 19.10 ± 17.0
Area 9.000 ± 0.0
Integral/Peak 9.000 ± 0.0

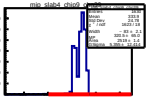

mip slab4 chb4 ptm20
Entries 200
Mean 24.16
Std Dev 24.16
χ / ndf 0.0 / 0
0.1475± 0.0015
p0 282.6 ± 0.0
p1 1.00 ± 0.00
p2 24.1 ± 0.0
280
260
240
220
200
180
160
140
120
100
80
60
40
20
0

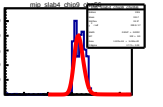

mip slab4 chip5 chan4
Entries 1024
Mean 256.6
Std Dev 6.251
χ / ndf 620 / 10
Prob 0.000
Constant 1.0e+03 ± 2.2e+02
Mean 256.0 ± 0.1
Sigma 3.0 ± 0.1
220
200
180
160
140
120
100
80
60
40
20
0

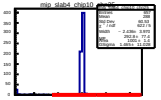

mip_slab4_chip2_chan24
Entries 1000
Mean 120
RMS 26.8
Total Chi2 17327.70
Mean - 0.9070 ± 1.414
Width 1.414 ± 1.000
MPV - 1.976 ± 1.4
Sigma 0.9351 ± 0.03

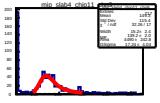

mip_slab4_chip2_chan25
Entries 1000
Mean 117.8
RMS 26.07
Total Chi2 1367.71
Mean 0.10001 ± 0.0232
Width 0.9000 ± 0.0164
MPV 50.50 ± 0.4
Sigma 26.04 ± 0.02

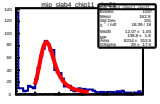

mip_slab4_chip2_chan26
Entries 1000
Mean 105.9
RMS 24.07
Total Chi2 3080.77
Mean - 130.04 ± 2.1
Width 102.01 ± 1.7
MPV 50.50 ± 0.4
Sigma 25.93 ± 0.2

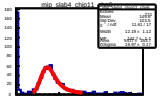

mip_slab4_chip2_chan27
Entries 1000
Mean 105.9
RMS 24.07
Total Chi2 3027.7
Mean 102.01 ± 2.1
Width 50.50 ± 0.4
MPV 25.93 ± 0.2
Sigma 50.50 ± 0.4

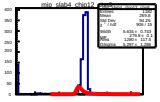
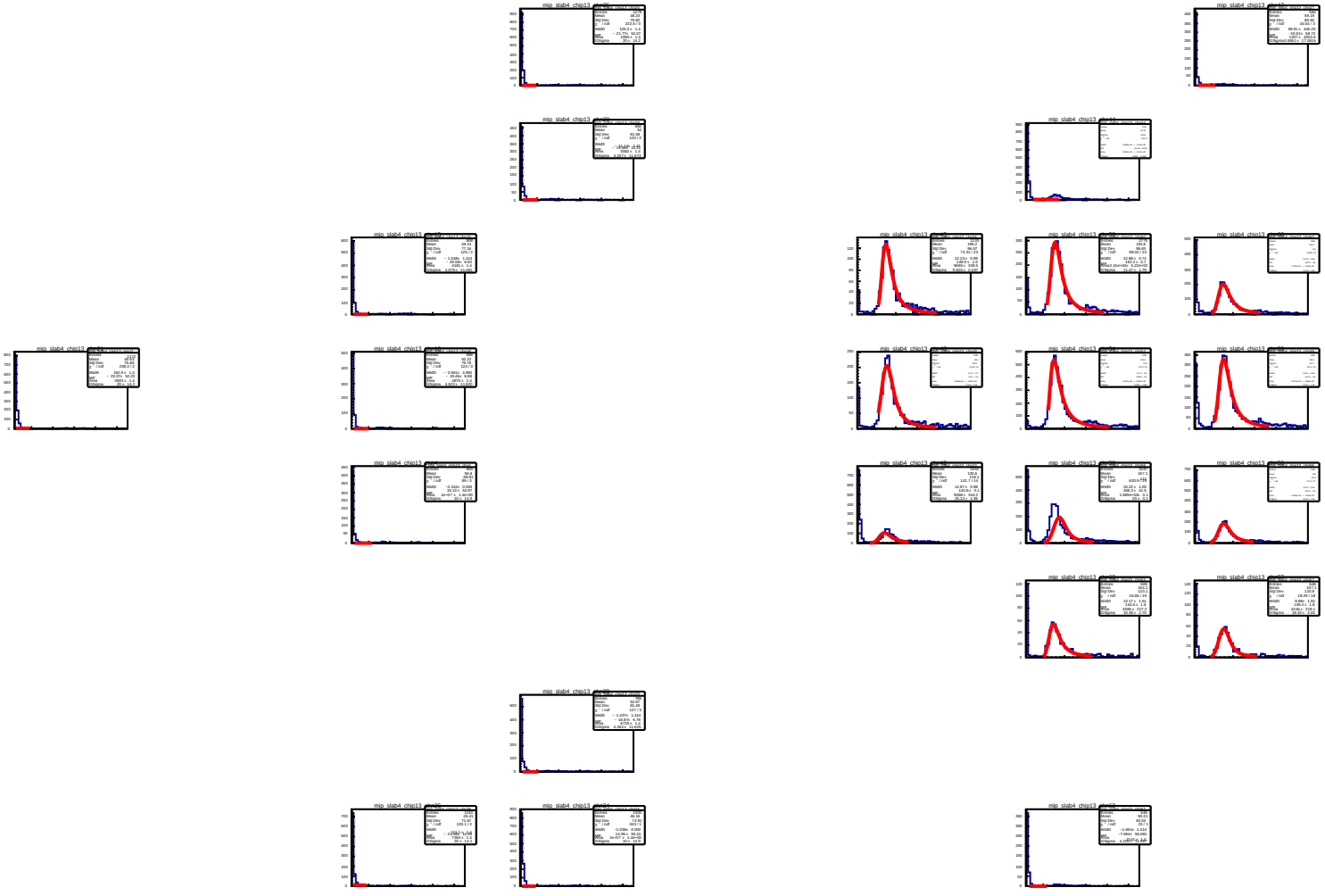

mip_slab4_chip2_chan28
Entries 1000
Mean 50.50
RMS 26.07
Total Chi2 1367.71
Mean 50.50 ± 0.4
Width 26.04 ± 0.02
MPV 50.50 ± 0.4
Sigma 26.04 ± 0.02


mip_alpha4_cbin33_pt=25
Entries 1000
Mean 0.0
Std Dev 65.72
χ / ndf 5223 / 5
Width 2.436e-3 8.972
Mean -2.436e-3 0.0
Sigma 0.0 0.0
Integral 1.000e-3 11.18
480
440
400
360
320
280
240
200
160
120
80
40
0


mip slab4 chip11
Entries 1457
Mean 32.07
RMS 17.11
Mean x 19.21 ± 0.4
Sigma x 7.88 ± 0.3
MPV 16.01 ± 0.4
Sigma 17.11 ± 0.3


mip slab4 chip11
Entries 1618
Mean 33.29
RMS 19.34
Mean x 12.07 ± 0.29
Sigma x 1.88 ± 1.8
MPV 8.014 ± 0.01
Sigma 19.34 ± 0.3


mip slab4 chip11
Entries 1457
Mean 32.07
RMS 17.11
Mean x 11.61 ± 12
Sigma x 1.12
MPV 0.897 ± 0.1
Sigma 17.11 ± 0.3


msp_sbd4_chp17_2000
Entries 1000
Mean 2918
RMS 1.000
χ² / ndf 1051 / 19
Prob 0.000
MAIN 5.630 ± 0.103
σ 0.274 ± 0.0
MAIN 2.000 ± 0.000
σ 0.000 ± 0.000
400
350
300
250
200
150
100
50
0