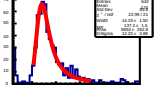
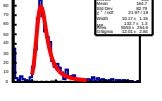
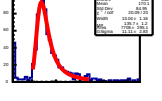
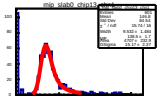
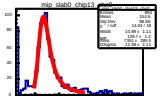
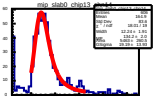

mip slab0 chip12 chan56
Entries 2618
Mean 22.96
Std Dev 8.48
χ² / ndf 10.25 / 1.00
MPV 137.2 ± 3.5
Width 10.01 ± 0.48
Integral 10.01 ± 0.48

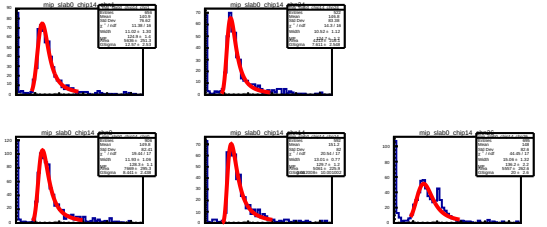

mip slab0 chip12 chan55
Entries 2618
Mean 20.18
Std Dev 8.18
χ² / ndf 21.87 / 19
MPV 10.17 ± 1.15
Width 10.01 ± 0.48
MPV 1000 ± 246.5
Integral 12.01 ± 0.48

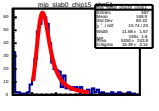

mip slab0 chip12 chan54
Entries 2618
Mean 19.4
Std Dev 8.45
χ² / ndf 20.09 / 19
MPV 13.00 ± 1.16
Width 10.01 ± 0.48
MPV 1700 ± 246.5
Integral 11.01 ± 0.48

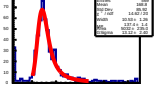

mip_slab0_chip13_chan1
Entries 2000
Mean 19.67
Std Dev 30.54
χ² / ndf 15.75 / 8
Prob 0.0
MPV 538.6 ± 1.7
Width 19.77 ± 0.14
Integral 157.7 ± 2.0

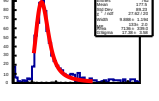

mip_slab0_chip13_chan2
Entries 2000
Mean 39.66
Std Dev 14.67
χ² / ndf 14.67 / 19
Prob 0.7
MPV 15.89 ± 1.11
Width 2.61 ± 0.08
Integral 7.53 ± 0.5
Sigma 12.56 ± 0.11

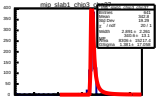

mip_slab0_chip13_chan3
Entries 2000
Mean 16.07
Std Dev 17.8
χ² / ndf 18.01 / 15
Prob 0.3
MPV 12.20 ± 1.51
Width 3.01 ± 0.07
Integral 9.00 ± 0.5
Sigma 24.16 ± 0.14

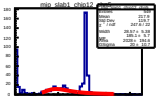

mip_slab0_chip14_chan1
Entries 1000
Mean 19.17
Std Dev 79.42
χ² / ndf 11.75 / 6
Prob 0.1
Width 11.02 ± 1.16
MPV 120.8 ± 1.0
Integral 9.937 ± 0.014
Sigma 7.922 ± 0.968
mip_slab0_chip14_chan31
Entries 1000
Mean 19.52
Std Dev 88.38
χ² / ndf 10.14 / 13
Prob 0.7
Width 10.14 ± 1.13
MPV 127.7 ± 1.1
Integral 9.921 ± 0.013
Sigma 7.922 ± 0.968
mip_slab0_chip14_chan2
Entries 1000
Mean 19.01
Std Dev 19.48
χ² / ndf 19.48 / 17
Prob 0.3
Width 11.95 ± 1.06
MPV 118.9 ± 1.0
Integral 7.889 ± 0.012
Sigma 8.601 ± 0.956
mip_slab0_chip14_chan32
Entries 1000
Mean 19.17
Std Dev 20.54
χ² / ndf 20.54 / 17
Prob 0.2
Width 13.01 ± 0.72
MPV 125.8 ± 0.8
Integral 9.661 ± 0.013
Sigma 9.369 ± 0.802
mip_slab0_chip14_chan3
Entries 1000
Mean 19.4
Std Dev 44.48
χ² / ndf 44.48 / 17
Prob 0.0
Width 19.09 ± 1.32
MPV 125.1 ± 1.0
Integral 9.937 ± 0.014
Sigma 20.7 ± 2.4

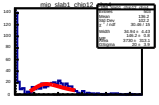

mip slab0 chip15 chan56
Entries 1997
Mean 80.02
Std Dev 19.12
χ² / ndf 11.85 / 17
Width 1.06 ± 0.07
MPV 53.00 ± 0.16
Integral 25.84 ± 0.13

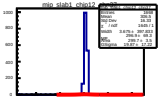

mip slab0 chip15 chan55
Entries 1997
Mean 39.02
Std Dev 14.67
χ² / ndf 14.67 / 19
Width 10.93 ± 1.26
MPV 33.00 ± 0.16
Integral 13.12 ± 0.10

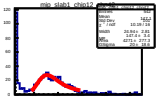

mip slab0 chip15 chan54
Entries 1997
Mean 17.13
Std Dev 17.13
χ² / ndf 17.87 / 21
Width 9.998e-1 ± 1.156
MPV 15.00 ± 0.16
Integral 71.87 ± 0.85

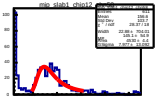

mip_slab1_chip3_ch10
Entries 1000
Mean 2.000
Std Dev 0.01
Underflow 0
Overflow 0
Integral 1000
Mean x 2.000
Std Dev x 0.01
Mean y 372.4
Std Dev y 37.04
450
400
350
300
250
200
150
100
50
0

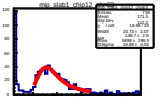

mip slab1 chip12
Mean 213.9
Std Dev 13.12
χ² / ndf 247.6 / 22
Width 26.67 ± 5.25
Area 2.64 ± 0.11
MPV 240.0 ± 14.3
Sigma 27.4 ± 1.4

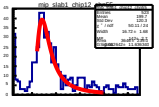

mip slab1 chip12
Mean 136.2
Std Dev 22.12
χ² / ndf 30.46 / 16
Width 18.84 ± 4.23
Area 1.00 ± 0.04
MPV 170.0 ± 10.1
Sigma 20.7 ± 1.1

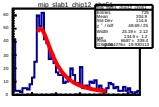

mip slab1 chip12
Mean 1334
Std Dev 1.04
χ² / ndf 3.648 / 1
Width 3.475 ± 207.021
Area 296.81 ± 68.2
MPV 1334.0 ± 0.0
Sigma 14.07 ± 1.12

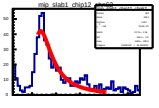

mip slab1 chip12
Mean 164.4
Std Dev 22.1
χ² / ndf 10.16 / 16
Width 20.83 ± 3.91
Area 1.00 ± 0.04
MPV 187.0 ± 7.4
Sigma 21.7 ± 1.1

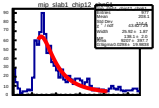

mip slab1 chip12
Mean 164.4
Std Dev 22.1
χ² / ndf 26.37 / 16
Width 20.83 ± 3.91
Area 1.00 ± 0.04
MPV 187.0 ± 7.4
Sigma 21.7 ± 1.1

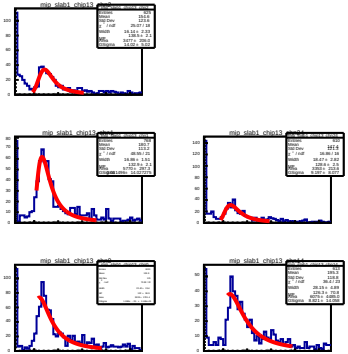

mip slab1 chip12
Mean 171.9
Std Dev 18.08
χ² / ndf 16.08 / 16
Width 23.73 ± 2.07
Area 1.00 ± 0.04
MPV 187.0 ± 7.4
Sigma 19.84 ± 0.53

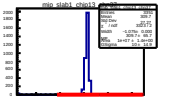

mip slab1 chip12
Mean 180.7
Std Dev 130.0
χ² / ndf 50.12 / 16
Width 33.72 ± 1.68
Area 1.00 ± 0.04
MPV 1.47E+03
Sigma 1.14E+03

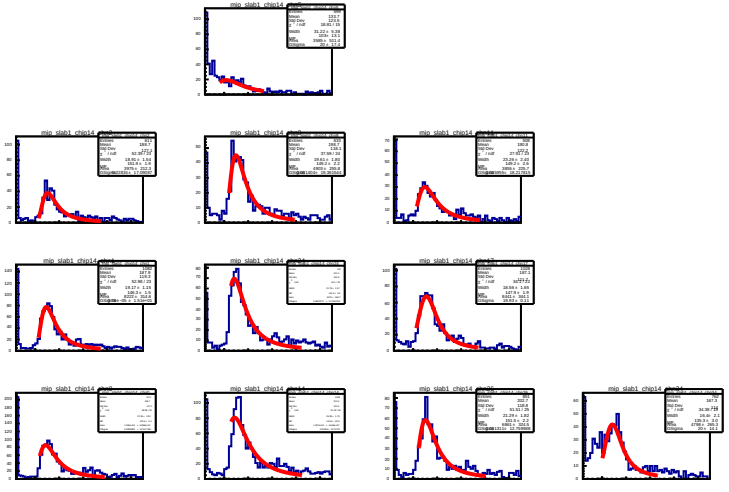

mip slab1 chip12
Mean 210.2
Std Dev 114.8
χ² / ndf 1.E+03 / 16
Width 33.28 ± 2.15
Area 3.92E+ 1.E
MPV 1.47E+03
Sigma 1.14E+03

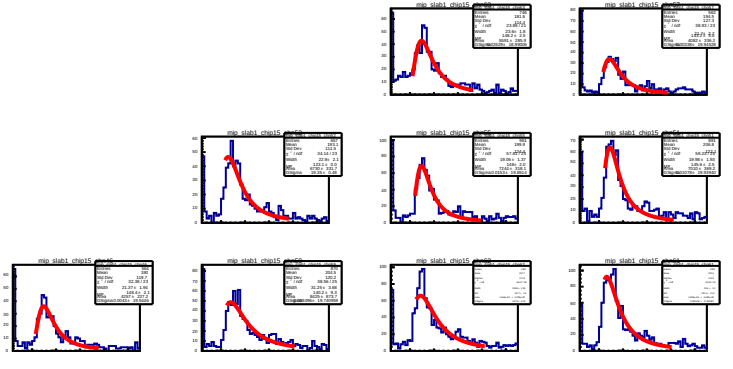

mip slab1 chip12

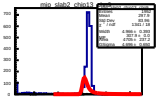

mip slab1 chip12
Mean 224.4
Std Dev 61.07
χ² / ndf 2.E+03 / 16
Width 25.90 ± 1.37
Area 1.00 ± 0.04
MPV 1.52E+ 1.E
Sigma 1.14E+03

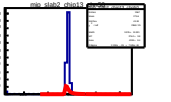

mip slab1 chip13 chan1
mip slab1 chip13 chan2
mip slab1 chip13 chan3
mip slab1 chip13 chan4
mip slab1 chip13 chan5
mip slab1 chip13 chan6

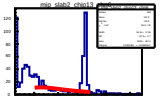

mip slab1 chip13 chan7

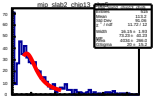

mip slab1 chip14
mip slab1 chip14
mip slab1 chip14
mip slab1 chip14
mip slab1 chip14
mip slab1 chip14
mip slab1 chip14
mip slab1 chip14
mip slab1 chip14
mip slab1 chip14
mip slab1 chip14

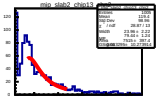

mip slab1 chip15 strip63
mip slab1 chip15 strip62
mip slab1 chip15 strip61
mip slab1 chip15 strip60
mip slab1 chip15 strip59
mip slab1 chip15 strip58
mip slab1 chip15 strip57
mip slab1 chip15 strip56
mip slab1 chip15 strip55
mip slab1 chip15 strip54
mip slab1 chip15 strip53

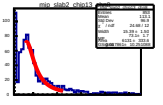

mip slab2 chip13 chan0

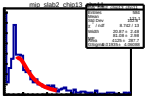

mip slab2 chip13 chan32

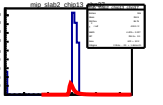

mip slab2 chip13 chan1

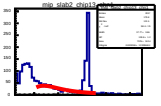

mip slab2 chip13 chan2

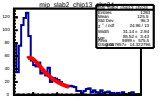

mip slab2 chip13 chan3

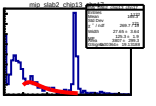

mip slab2 chip13 chan4

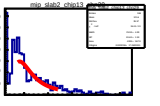

mip slab2 chip13 chan5

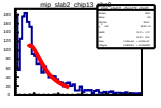

mip slab2 chip13 chan32

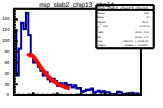

mip slab2 chip13 chan6

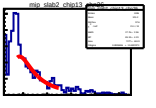

mip slab2 chip13 chan7

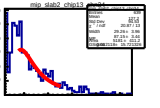

mip slab2 chip13 chan8

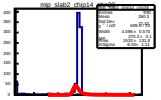

mip slab2 chip13 chan9

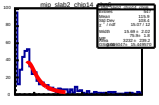

mip slab2 chip13 chan10

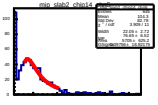

mip slab2 chip13 chan11

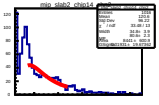

mip slab2 chip13 chan12

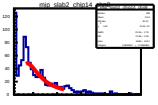

mip slab2 chip13 chan13

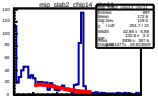

mip_slab2_chip14_chan32

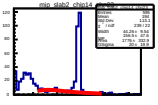

mip_slab2_chip14_chan0

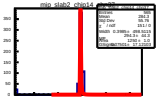

mip_slab2_chip14_chan1

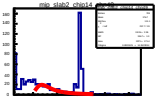

mip_slab2_chip14_chan2

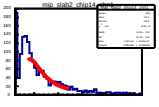

mip_slab2_chip14_chan3

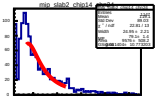

mip_slab2_chip14_chan4

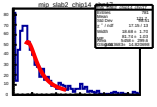

mip_slab2_chip14_chan5

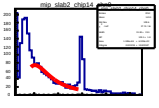

mip_slab2_chip14_chan6

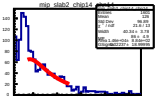

mip_slab2_chip14_chan7

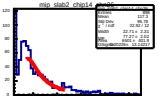

mip_slab2_chip14_chan8

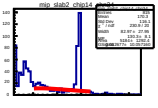

mip_slab2_chip14_chan9

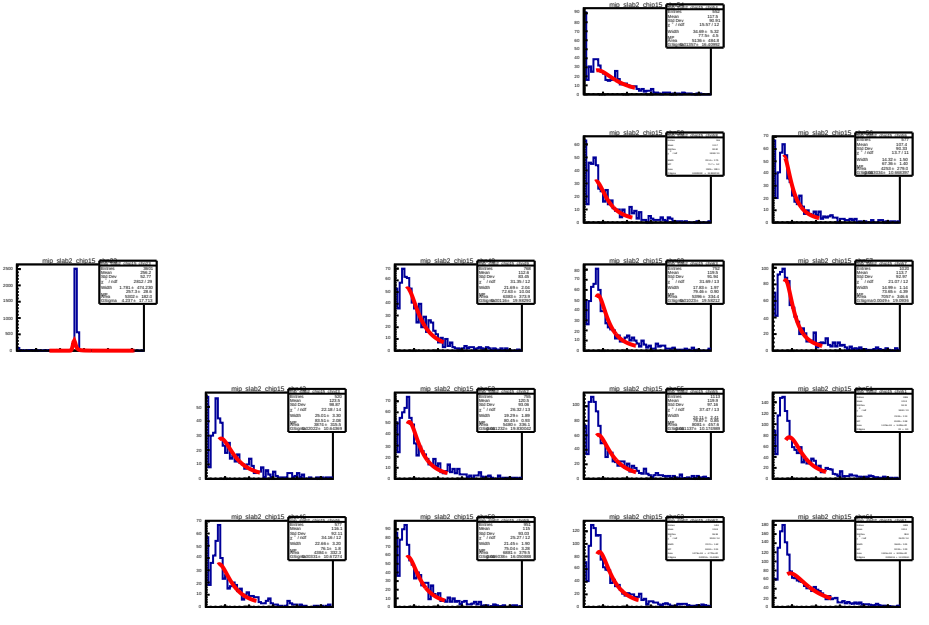

mip_slab2_chip14_chan10

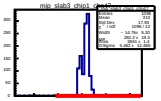

mip_slab2_chip14_chan11

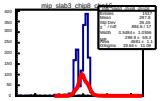

mip_slab2_chip14_chan12

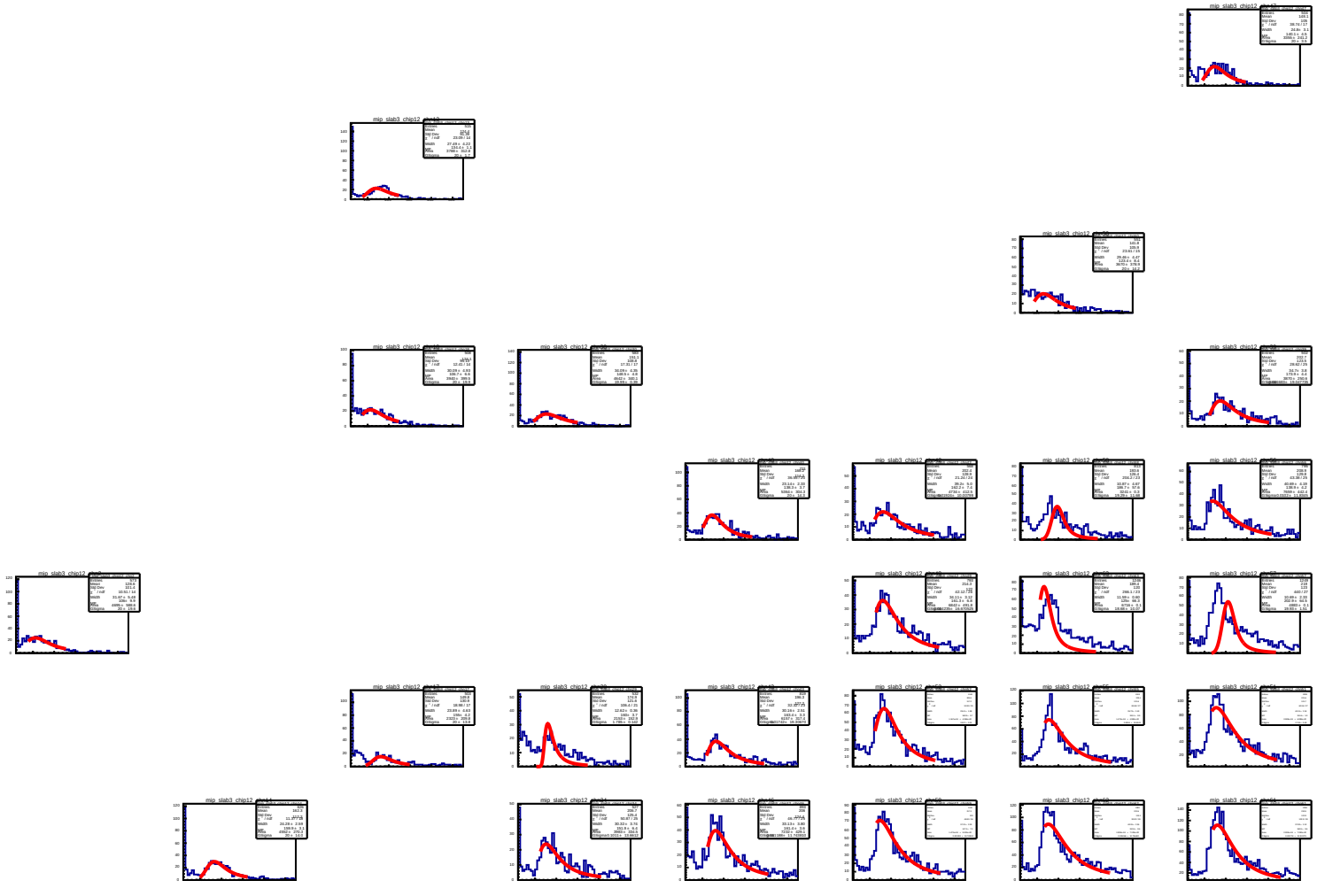

mip_slab2_chip14_chan13

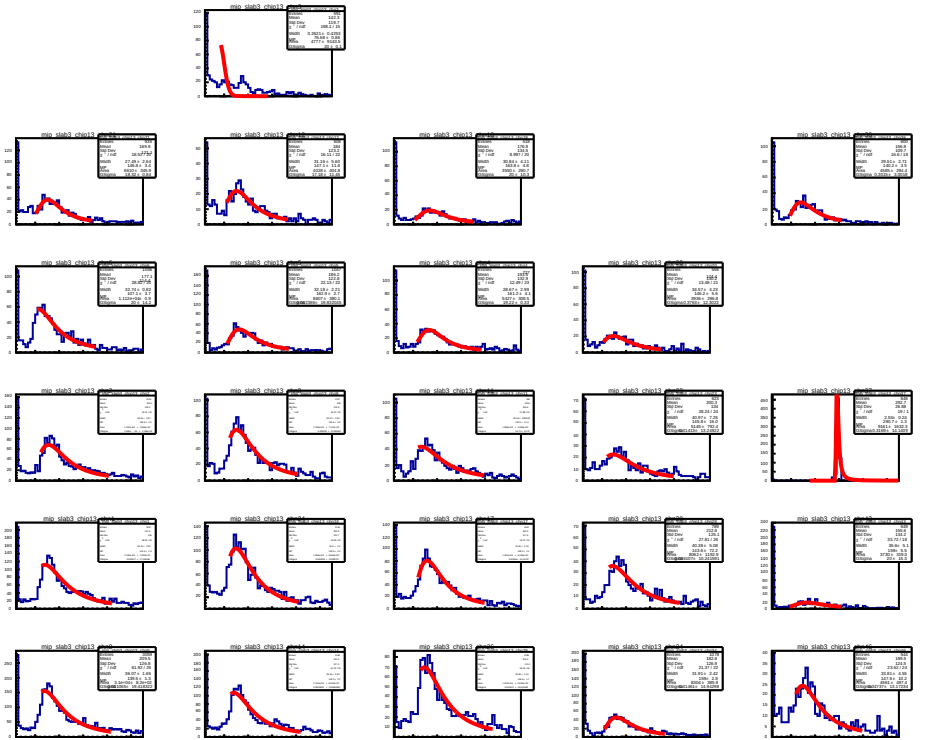

mip_slab2_chip14_chan14

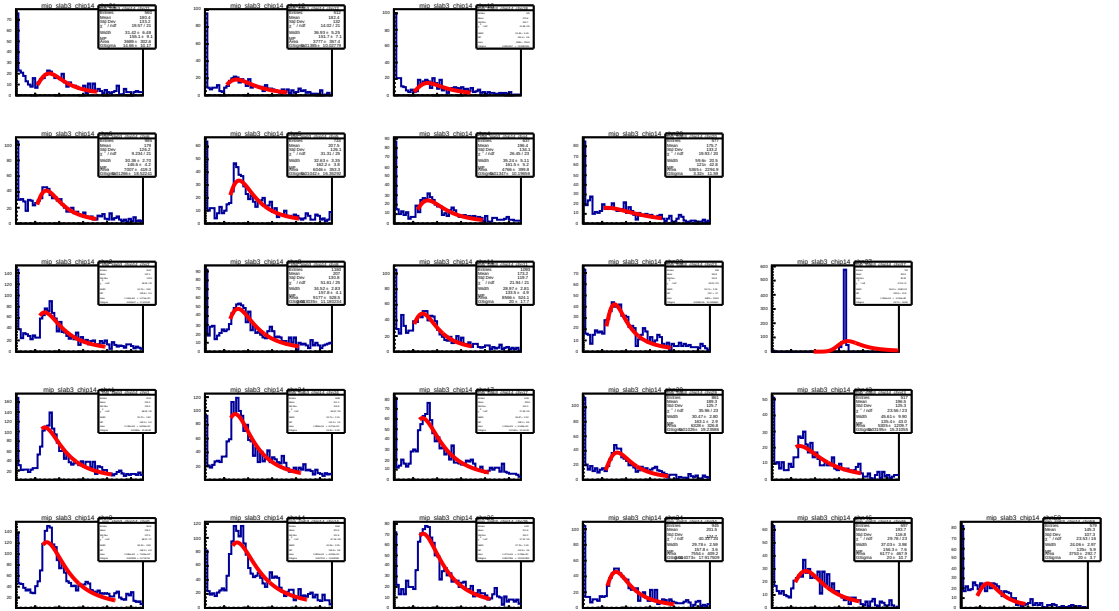

mip slab2 chip15
Entries 1117
Mean 79.03
Std Dev 130.7 ± 1.2
χ² / ndf 34.86 / 18
Width 77.84 ± 4.8
MPV 53.91 ± 164.9
Integral 1.0000 ± 0.0000
mip slab2 chip15
Entries 1117
Mean 79.03
Std Dev 130.7 ± 1.2
χ² / ndf 13.7 / 11
Width 16.32 ± 1.65
MPV 0.000 ± 2.762
Integral 1.0000 ± 0.0000
mip slab2 chip15
Entries 1117
Mean 79.03
Std Dev 130.7 ± 1.2
χ² / ndf 2862 / 28
Width 1.751 ± 474.210
MPV 257.0 ± 10.4
Integral 1.0000 ± 0.0000
mip slab2 chip15
Entries 1117
Mean 79.03
Std Dev 130.7 ± 1.2
χ² / ndf 35.36 / 12
Width 21.69 ± 2.01
MPV 72.63 ± 0.19
Integral 1.0000 ± 0.0000
mip slab2 chip15
Entries 1117
Mean 79.03
Std Dev 130.7 ± 1.2
χ² / ndf 31.49 / 13
Width 17.63 ± 1.57
MPV 75.66 ± 0.90
Integral 1.0000 ± 0.0000
mip slab2 chip15
Entries 1117
Mean 79.03
Std Dev 130.7 ± 1.2
χ² / ndf 23.07 / 12
Width 16.89 ± 1.16
MPV 73.66 ± 0.38
Integral 1.0000 ± 0.0000
mip slab2 chip15
Entries 1117
Mean 79.03
Std Dev 130.7 ± 1.2
χ² / ndf 22.98 / 11
Width 25.01 ± 3.30
MPV 83.91 ± 2.08
Integral 1.0000 ± 0.0000
mip slab2 chip15
Entries 1117
Mean 79.03
Std Dev 130.7 ± 1.2
χ² / ndf 59.06 / 12
Width 35.61 ± 1.49
MPV 15.29 ± 1.49
Integral 1.0000 ± 0.0000
mip slab2 chip15
Entries 1117
Mean 79.03
Std Dev 130.7 ± 1.2
χ² / ndf 37.47 / 13
Width 50.24 ± 0.66
MPV 80.05 ± 0.50
Integral 1.0000 ± 0.0000
mip slab2 chip15
Entries 1117
Mean 79.03
Std Dev 130.7 ± 1.2
χ² / ndf 37.18 / 12
Width 50.24 ± 0.66
MPV 80.05 ± 0.50
Integral 1.0000 ± 0.0000
mip slab2 chip15
Entries 1117
Mean 79.03
Std Dev 130.7 ± 1.2
χ² / ndf 34.38 / 12
Width 23.66 ± 3.20
MPV 103.5 ± 10.3
Integral 1.0000 ± 0.0000
mip slab2 chip15
Entries 1117
Mean 79.03
Std Dev 130.7 ± 1.2
χ² / ndf 25.27 / 11
Width 21.69 ± 1.90
MPV 66.61 ± 0.51
Integral 1.0000 ± 0.0000
mip slab2 chip15
Entries 1117
Mean 79.03
Std Dev 130.7 ± 1.2
χ² / ndf 1.0000 ± 0.0000
Width 1.0000 ± 0.0000
MPV 1.0000 ± 0.0000
Integral 1.0000 ± 0.0000
mip slab2 chip15
Entries 1117
Mean 79.03
Std Dev 130.7 ± 1.2
χ² / ndf 1.0000 ± 0.0000
Width 1.0000 ± 0.0000
MPV 1.0000 ± 0.0000
Integral 1.0000 ± 0.0000
mip slab2 chip15
Entries 1117
Mean 79.03
Std Dev 130.7 ± 1.2
χ² / ndf 1.0000 ± 0.0000
Width 1.0000 ± 0.0000
MPV 1.0000 ± 0.0000
Integral 1.0000 ± 0.0000
mip slab2 chip15
Entries 1117
Mean 79.03
Std Dev 130.7 ± 1.2
χ² / ndf 1.0000 ± 0.0000
Width 1.0000 ± 0.0000
MPV 1.0000 ± 0.0000
Integral 1.0000 ± 0.0000

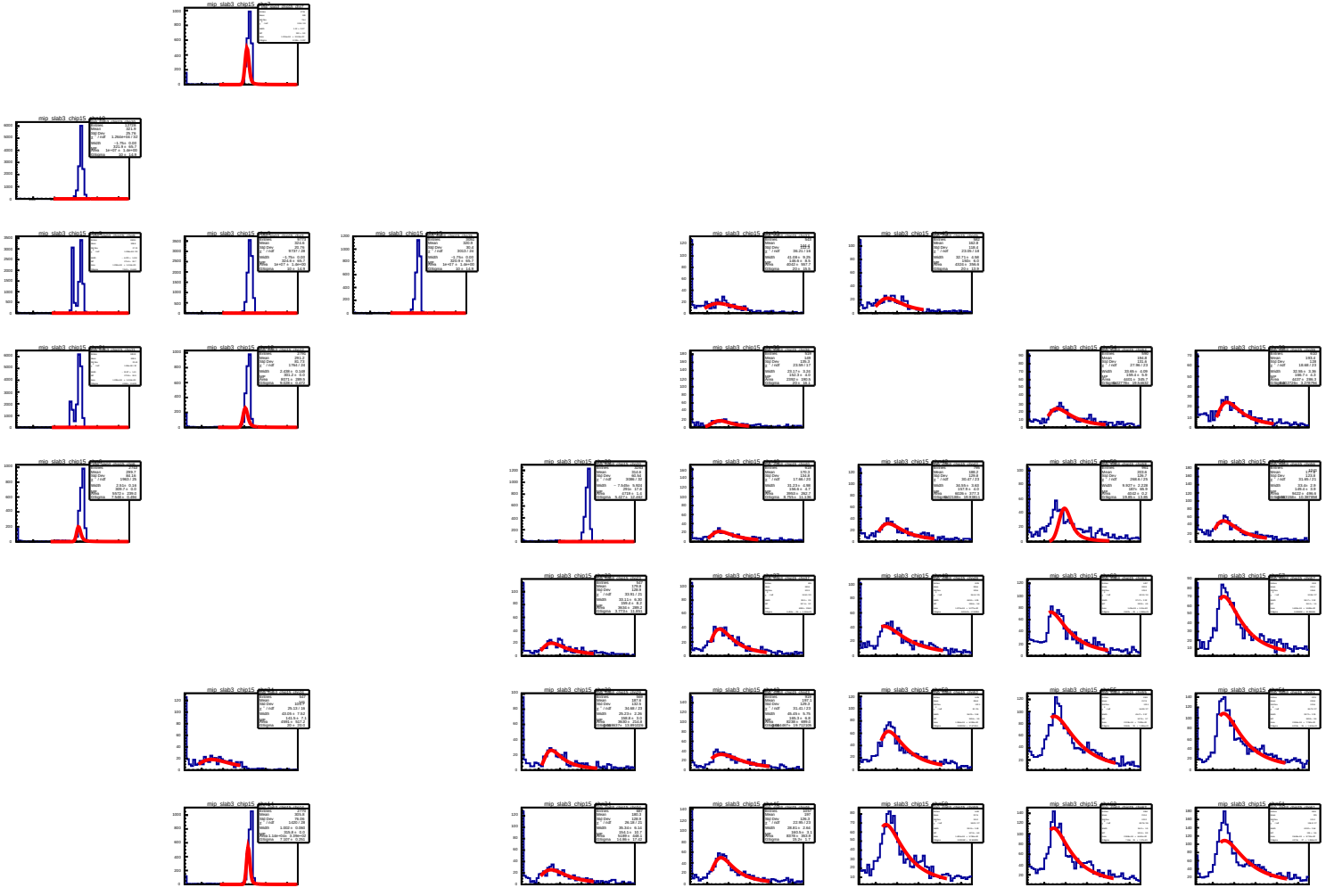

mip_slab3_chip1_chan0
Entries 1000
Mean 17.02
Std Dev 2296.17
Width 14.75n 9.23
Mean 2894.2 3.5
Sigma 9.44 2.14
300
250
200
150
100
50
0

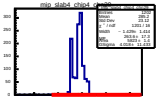

msp_slab3_chip8_strip5
Entries 1000
Mean 28.17
Std Dev 28.25
χ / ndf 8812.2 / 17
Constant 0.5454 ± 0.3598
Mean 28.00 ± 0.01
Sigma 0.61 ± 0.01
Integral 19.87 ± 0.08
400
350
300
250
200
150
100
50
0

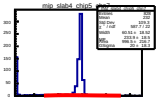

mip_slab3_chip12
Mean
Std Dev
χ² / ndf
Width
MPV
Integral

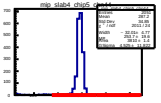


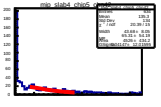

mip slab3 chip14
mip slab3 chip14
mip slab3 chip14

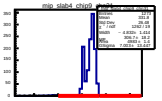


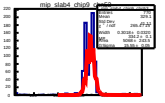

mip slab4 chip4 ch20
Entries 2000
Mean 22.7
Std Dev 23.12
χ / ndf 1.000 / 1
p0 1.000e+ 1.414
p1 2616.6 ± 37.6
p2 22.70 ± 0.03
p3 4.000e+ 0.03
300
250
200
150
100
50
0

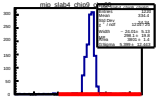

mip slab4 chip5 chan5
Entries 1000
Mean 1.0
Std Dev 1.01
χ² / ndf 1007.7 / 14
Width 0.9014 ± 18.02
Mean 1.000 ± 0.0
MPV 999.1 ± 0.0
Integral 20.0 ± 0.0

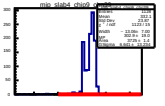

mip slab4 chip5 chan6
Entries 1000
Mean 287.8
Std Dev 2.01
χ² / ndf 2011 / 13
Width − 0.0141 ± 0.77
Mean 287.8 ± 0.0
MPV 287.8 ± 0.0
Integral 0.294 ± 0.0

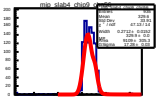

mip slab4 chip5 chan5
Entries 1000
Mean 1.0
Std Dev 1.0
χ² / ndf 20.39 / 15
Width 0.0181 ± 0.01
Mean 0.0 ± 0.0
MPV 20.00 ± 0.0
Integral 20.00 ± 0.0

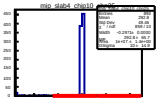
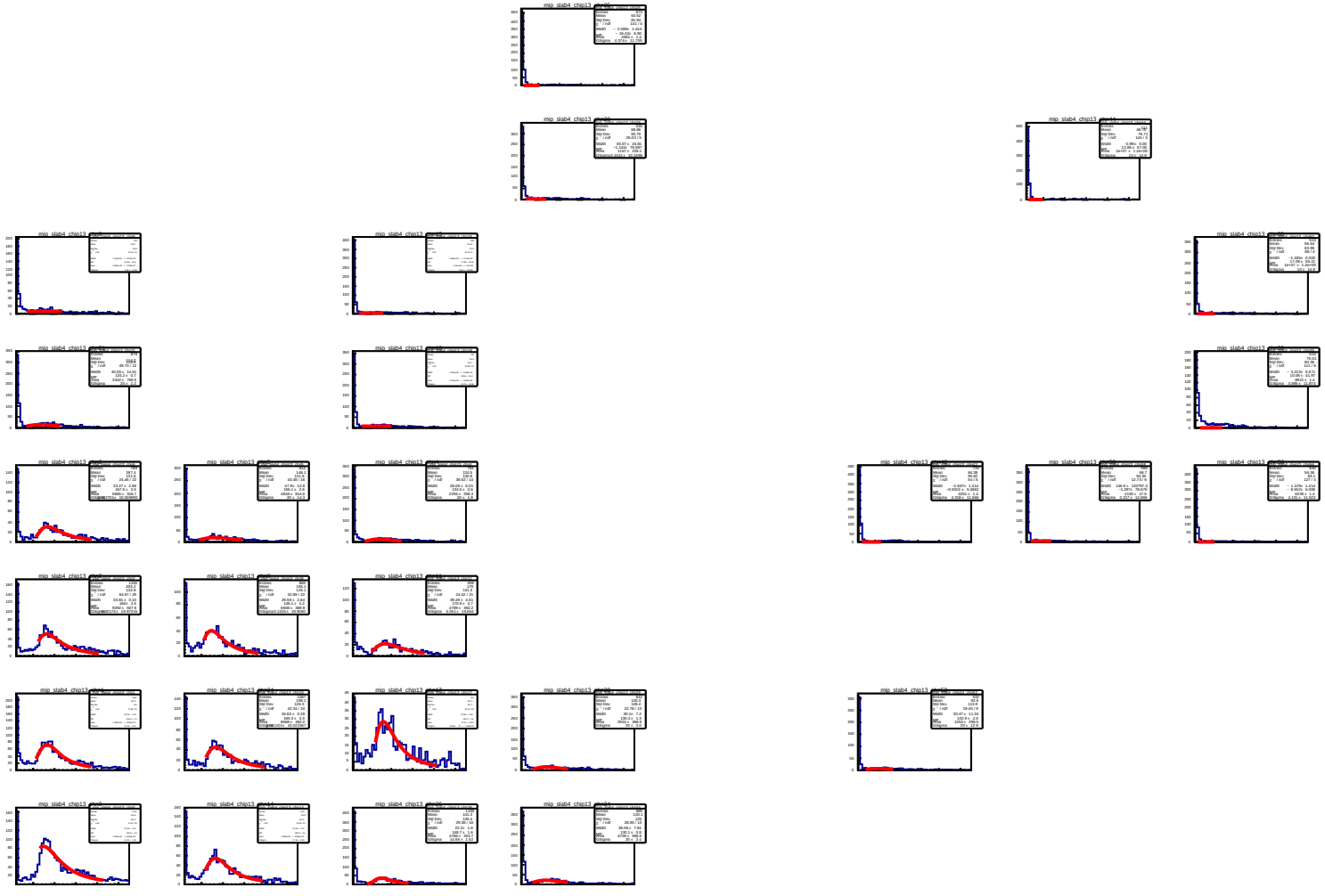
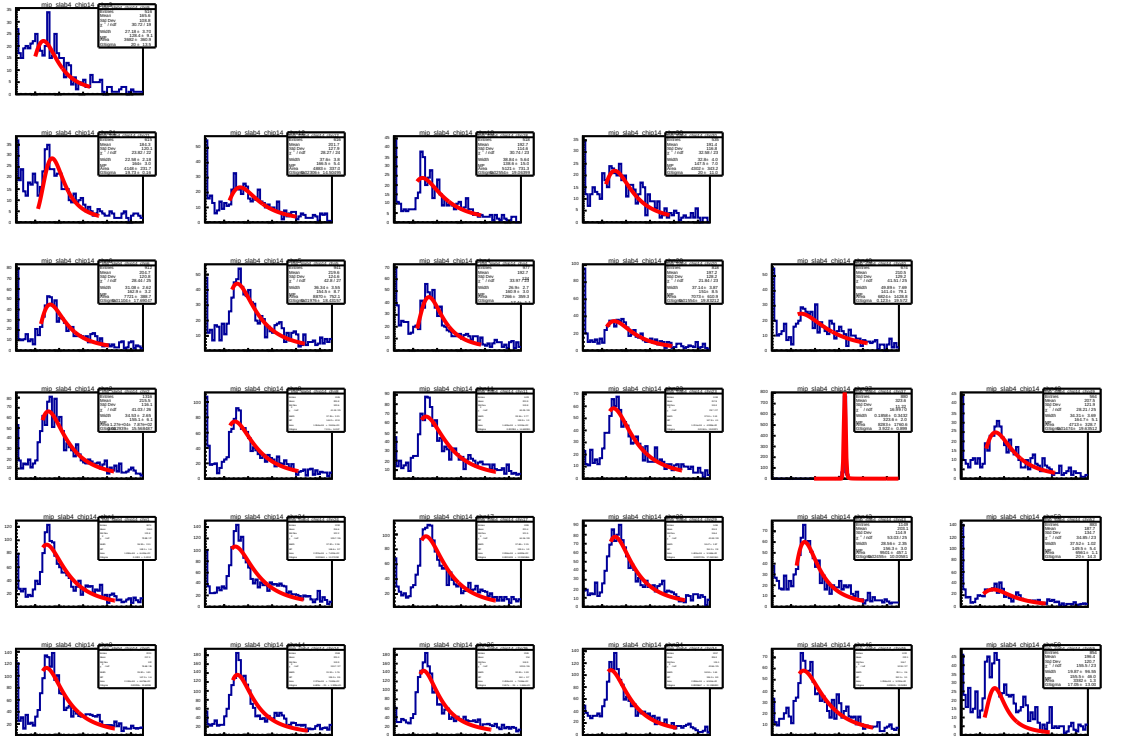
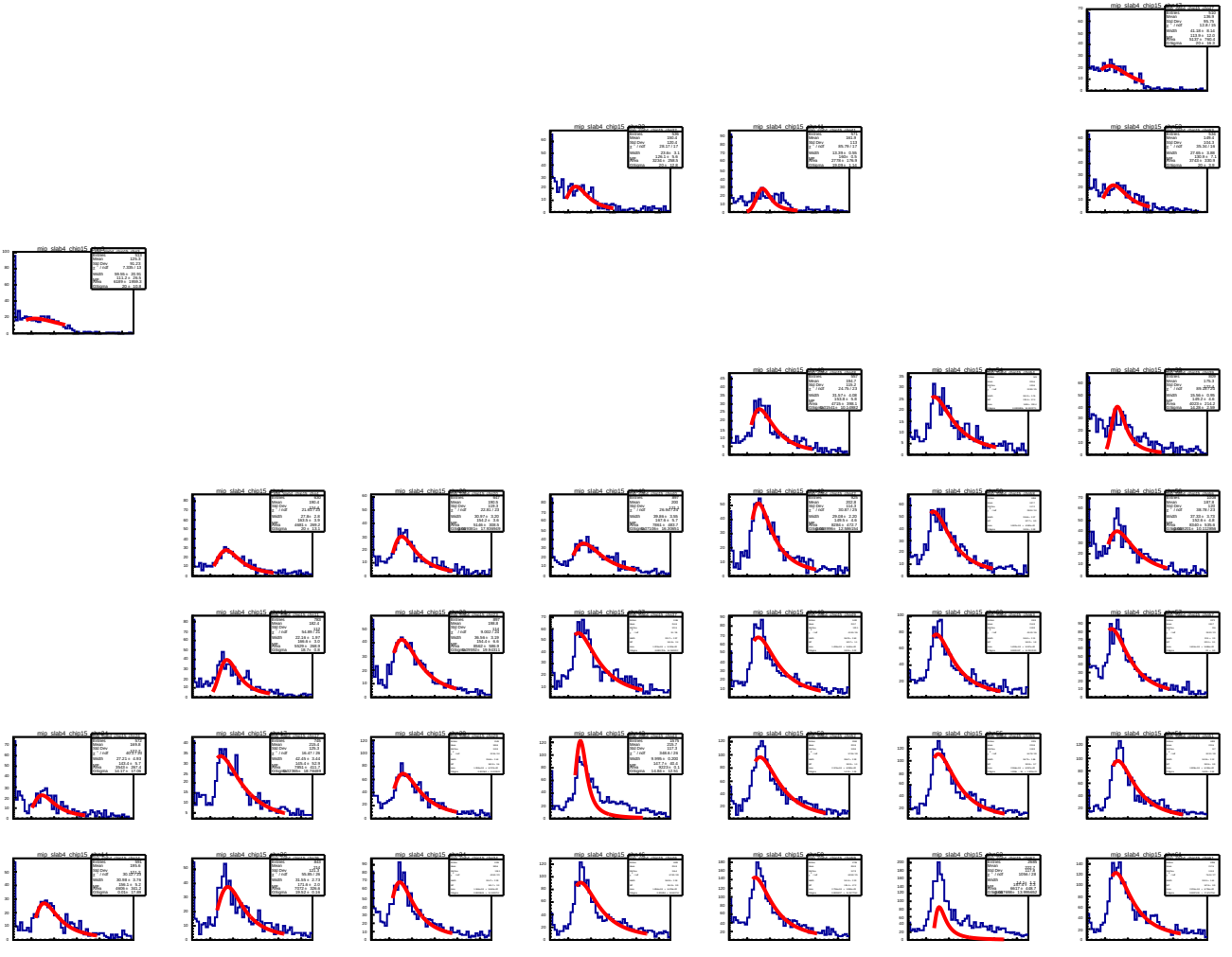

mip_slab4_chip2_chan24
Entries 2512
Mean 24.12
Std Dev 26.48
χ² / ndf 1267 / 19
Width - 0.9331 ± 0.454
Area 2512 ± 0.0
MPV 24.61 ± 0.4
Sigma 0.9331 ± 0.45


mip_slab4_chip2_chan25
Entries 3243
Mean 324.3
Std Dev 20.4
χ² / ndf 266.4 / 17
Width 0.3016 ± 0.0305
Area 3243 ± 0.0
MPV 9.087 ± 0.4
Sigma 0.3016 ± 0.03


mip_slab4_chip2_chan26
Entries 3412
Mean 341.2
Std Dev 19.8
χ² / ndf 11.89 / 15
Width - 26.05± 9.22
Area 2963 ± 37.4
MPV 9.9 ± 0.4
Sigma 9.388± 0.2


mip_slab4_chip2_chan27
Entries 3313
Mean 331.3
Std Dev 23.07
χ² / ndf 3110 / 14
Width - 15.16± 2.45
Area 3028 ± 34.2
MPV 27.06 ± 0.4
Sigma 12.14 ± 0.4


mip_slab4_chip2_chan28
Entries 2754
Mean 275.4
Std Dev 20.4
χ² / ndf 67.17 / 14
Width 0.2716± 0.0302
Area 2754 ± 0.0
MPV 10.04 ± 0.4
Sigma 0.2716 ± 0.03


mip_slab4_cbin33_dm_05
Entries 2612
Mean 26.17
Std Dev 25.18
χ² / ndf 600.7 / 5
Width -0.2611± 0.0012
Mean 26.17± 0.00
Sigma 24.477± 1.4414
Integral 2612± 51.1
400
350
300
250
200
150
100
50
0