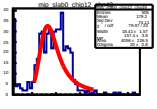
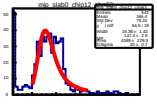
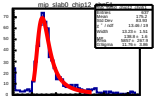
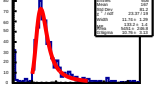
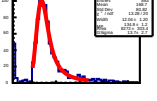
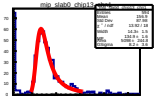

mip_slab0_chip12_chan15
Entries 1472
Mean 79.47
Std Dev 7.12
χ² / ndf 79.47 / 7
Width 16.41 ± 1.61
MPV 147.4 ± 7.4
Area 4000 ± 218.1
Sigma 11.7 ± 1.1

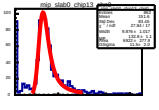

mip_slab0_chip12_chan16
Entries 1314
Mean 54.9
Std Dev 7.12
χ² / ndf 54.9 / 28
Width 21.39 ± 1.42
MPV 147.4 ± 2.9
Area 3300 ± 172.7
Sigma 15.8 ± 0.7

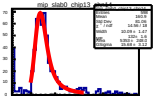

mip_slab0_chip12_chan17
Entries 1767
Mean 33.16
Std Dev 7.12
χ² / ndf 33.16 / 7
Width 13.23 ± 1.14
MPV 138.8 ± 3.6
Area 5000 ± 245.8
Sigma 10.74 ± 0.85

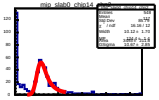

mip_slab0_chip12_chan18
Entries 1320
Mean 81.2
Std Dev 7.12
χ² / ndf 23.37 / 19
Width 11.75 ± 1.29
MPV 147.4 ± 7.4
Area 6200 ± 338.9
Sigma 10.74 ± 0.9

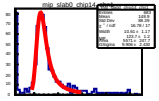

mip_slab0_chip12_chan19
Entries 1367
Mean 34.6
Std Dev 7.12
χ² / ndf 11.28 / 10
Width 12.00 ± 1.10
MPV 147.4 ± 3.6
Area 6200 ± 343.4
Sigma 7.4 ± 0.7

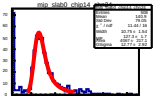

mip_slab0_chip13_chan4
Entries 1000
Mean 19.57
Std Dev 87.99
χ² / ndf 15.90 / 8
Width 12.34 ± 2.9
MPV 132.0 ± 1.0
Integral 1000 ± 10.0
Sigma 5.4 ± 0.8

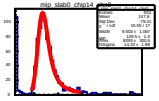

mip_slab0_chip13_chan5
Entries 1000
Mean 39.16
Std Dev 27.83
χ² / ndf 27.83 / 17
Width 9.876 ± 1.017
MPV 31.50 ± 0.7
Integral 6427 ± 177.9
Sigma 11.50 ± 0.5

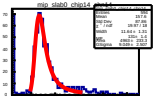

mip_slab0_chip13_chan14
Entries 1000
Mean 16.57
Std Dev 10.73
χ² / ndf 14.80 / 15
Width 10.09 ± 1.17
MPV 19.00 ± 0.5
Integral 9.06E+ 08 ±
Sigma 15.00 ± 0.5

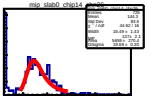

mip_slab0_chip14_chan1
Entries 194
Mean 24.76
Std Dev 16.08 / 12
χ² / ndf 21.12 / 1.75
Width 1.847 ± 1.6
Sigma 13.67 ± 2.63

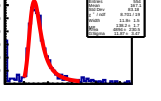

mip_slab0_chip14_chan2
Entries 1167
Mean 19.67
Std Dev 88.39
χ² / ndf 16.39 / 1
Width 11.62 ± 1.17
Sigma 120.7 ± 1.2
Mean 9.931 ± 1.07
Sigma 9.931 ± 1.07

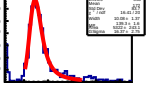

mip_slab0_chip14_chan3
Entries 1422
Mean 14.07
Std Dev 79.06
χ² / ndf 16.39 / 1
Width 10.79 ± 1.19
Sigma 127.3 ± 1.2
Mean 6.977 ± 0.62
Sigma 6.977 ± 0.62

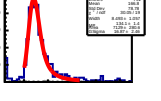

mip_slab0_chip14_chan4
Entries 167.6
Mean 19.67
Std Dev 15.56 / 17
Width 9.931 ± 1.067
Sigma 14.22 ± 1.05

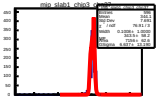

mip_slab0_chip14_chan5
Entries 19.67
Mean 19.67
Std Dev 19.67 / 19
Width 11.62 ± 1.21
Sigma 9.931 ± 1.07

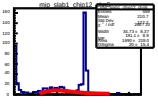

mip_slab0_chip14_chan6
Entries 162.2
Mean 24.07
Std Dev 44.67 / 18
Width 15.49 ± 1.43
Sigma 19.64 ± 0.91

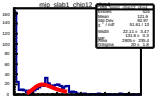

mip slab0 chip15 chan52
Entries 2012
Mean 83.18
Std Dev 9.14
χ² / ndf 11.56 / 13
MPV 330.2 ± 1.3
Width 8.697 ± 0.127
Integral 23.87 ± 0.07

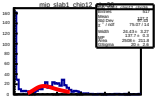

mip slab0 chip15 chan50
Entries 329
Mean 87.7
Std Dev 16.41
χ² / ndf 16.41 / 22
MPV 10.08 ± 1.37
Width 1.000 ± 0.000
MPV 5327 ± 145.1
Integral 19.37 ± 0.5

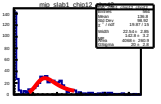

mip slab0 chip15 chan51
Entries 1963
Mean 79.18
Std Dev 10.09
χ² / ndf 10.09 / 13
MPV 8.499 ± 1.252
Width 1.000 ± 0.000
MPV 7129 ± 198.5
Integral 19.87 ± 0.5

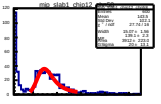

mip_slab1_chip3_ch10
Entries 1000
Mean 3.14
Std Dev 0.0
Underflow 0
Overflow 0
Integral 79.81 / 2
Const 0.3288 ± 0.3000
Mean 3.03 ± 0.02
Sigma 0.0000 ± 0.0000
Chi2/ndf 0.5777 / 0.100
450
400
350
300
250
200
150
100
50
0

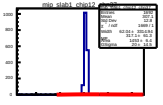

mip slab1 chip12
Mean 2.09
Std Dev 1.07
χ² / ndf 1877 / 21
Width 36.37 ± 9.27
Area 2.67 ± 0.07
MPV 1.66 ± 0.04
Sigma 0.74 ± 0.04

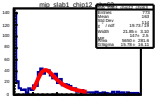

mip slab1 chip12
Mean 1.73
Std Dev 0.92
χ² / ndf 51.61 / 13
Width 12.11 ± 5.17
Area 0.21 ± 0.02
MPV 1.60 ± 0.04
Sigma 0.35 ± 0.03

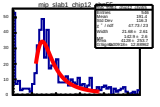

mip slab1 chip12
Mean 2.87
Std Dev 1.12
χ² / ndf 79.97 / 14
Width 30.25 ± 7.14
Area 1.67 ± 0.3
MPV 2.00 ± 0.12
Sigma 0.7 ± 0.1

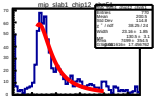

mip slab1 chip12
Mean 1.94
Std Dev 0.92
χ² / ndf 19.87 / 21
Width 22.61 ± 7.75
Area 0.09 ± 0.01
MPV 2.00 ± 0.14
Sigma 0.7 ± 0.1

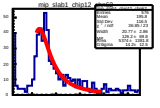

mip slab1 chip12
Mean 3.07
Std Dev 1.11
χ² / ndf 27.72 / 16
Width 15.07 ± 5.95
Area 0.12 ± 0.02
MPV 3.11 ± 0.11
Sigma 0.7 ± 0.1

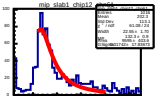

mip slab1 chip12
Mean 1.04
Std Dev 0.21
χ² / ndf 3889 / 6
Width 52.54 ± 201.61
Area 317.14 ± 91.0
MPV 1.04 ± 0.01
Sigma 0.04 ± 0.5

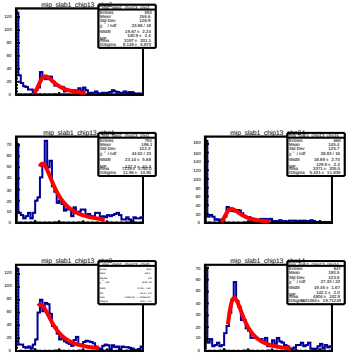

mip slab1 chip12
Mean 2.14
Std Dev 0.94
χ² / ndf 19.07 / 18
Width 21.85 ± 5.10
Area 0.41 ± 0.6
MPV 2.14 ± 0.09
Sigma 0.76 ± 0.12


mip slab1 chip12
Mean 2.51
Std Dev 1.03
χ² / ndf 47.72 / 19
Width 21.88 ± 3.61
Area 3.42 ± 0.6
MPV 2.50 ± 0.02
Sigma 0.50 ± 0.02


mip slab1 chip12
Mean 2.02
Std Dev 0.94
χ² / ndf 2.14 / 3
Width 33.38 ± 1.46
Area 2.83 ± 1.4
MPV 2.00 ± 0.01
Sigma 0.72 ± 0.01


mip slab1 chip12
Mean 2.76
Std Dev 1.08
χ² / ndf 36.87 / 13
Width 23.77 ± 2.86
Area 0.07 ± 0.01
MPV 9.57 ± 0.01
Sigma 14.1 ± 0.1


mip slab1 chip12
Mean 2.24
Std Dev 1.03
χ² / ndf 61.38 / 12
Width 22.55 ± 1.75
Area 0.09 ± 0.01
MPV 9.00 ± 0.01
Sigma 13.7 ± 0.1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mip slab1 chip13 strip2
mip slab1 chip13 strip3
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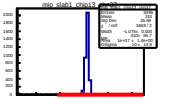
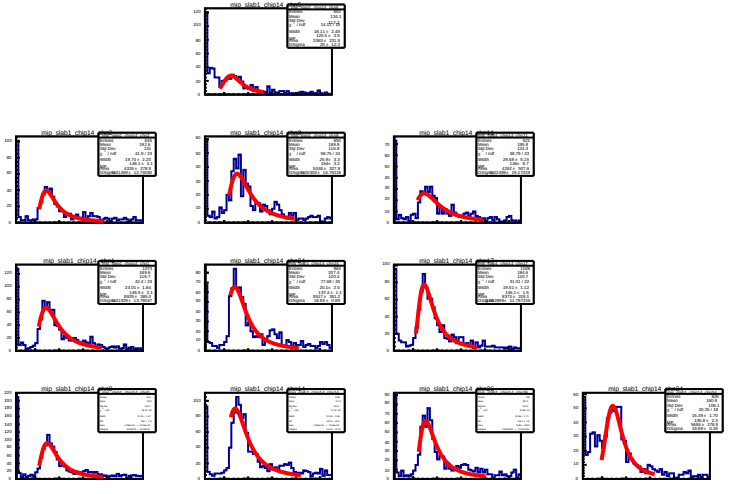
mip slab1 chip13 strip5
mip slab1 chip13 strip6


mip slab1 chip13 strip7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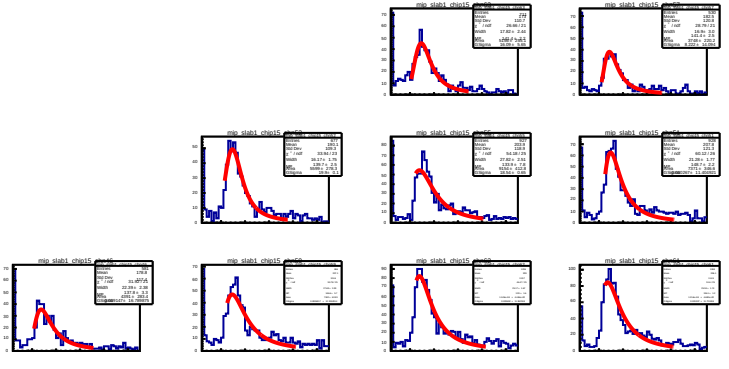
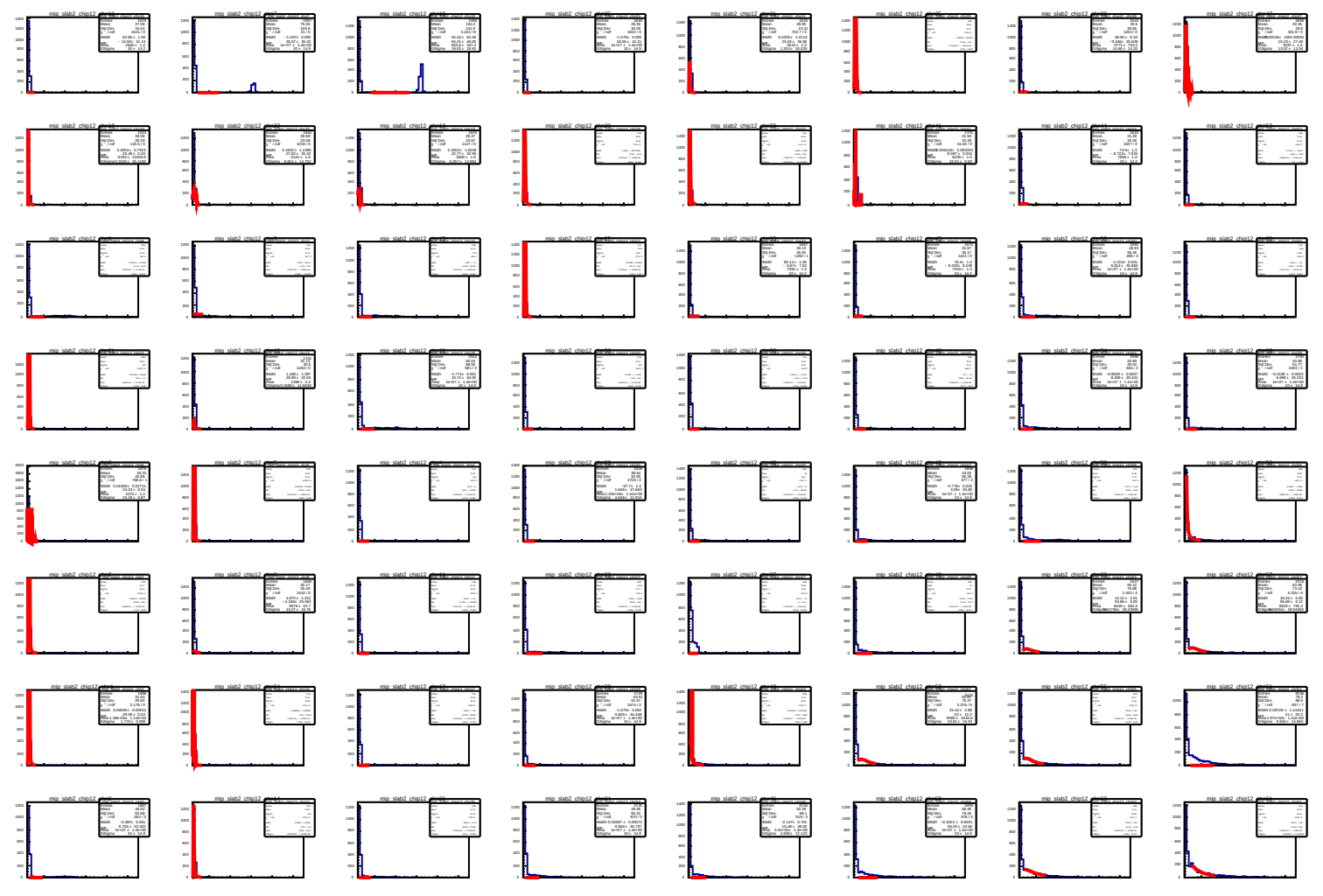
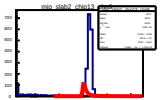
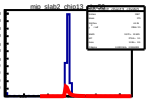
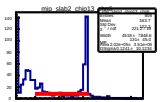

mip slab1 chip15 strip63
mip slab1 chip15 strip62
mip slab1 chip15 strip61
mip slab1 chip15 strip60
mip slab1 chip15 strip59
mip slab1 chip15 strip58
mip slab1 chip15 strip57
mip slab1 chip15 strip56
mip slab1 chip15 strip55
mip slab1 chip15 strip54
mip slab1 chip15 strip53
mip slab1 chip15 strip52




mip slab2 chip13


mip slab2 chip13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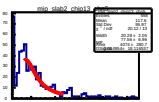
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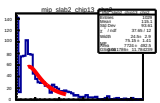
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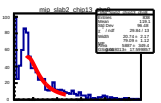
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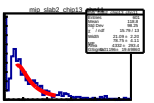
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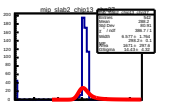
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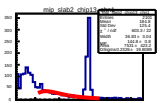
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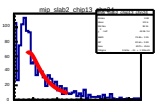
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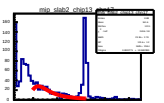
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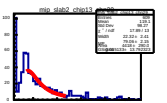
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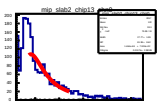
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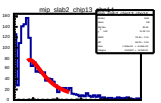
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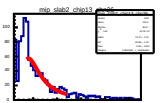
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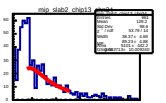
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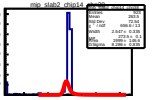
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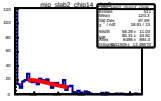
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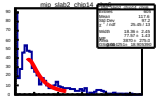
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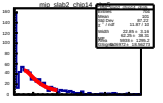
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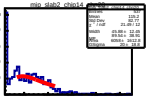
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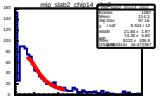
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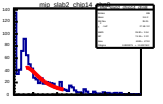
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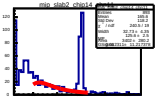
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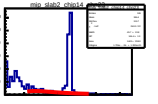
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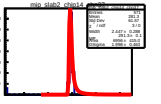
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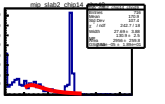
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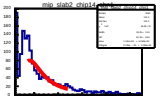
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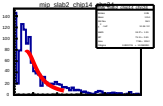
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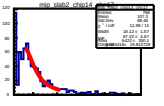
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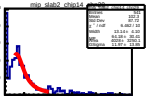
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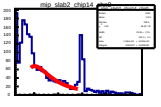
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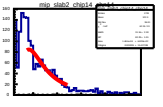
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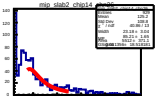
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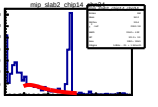
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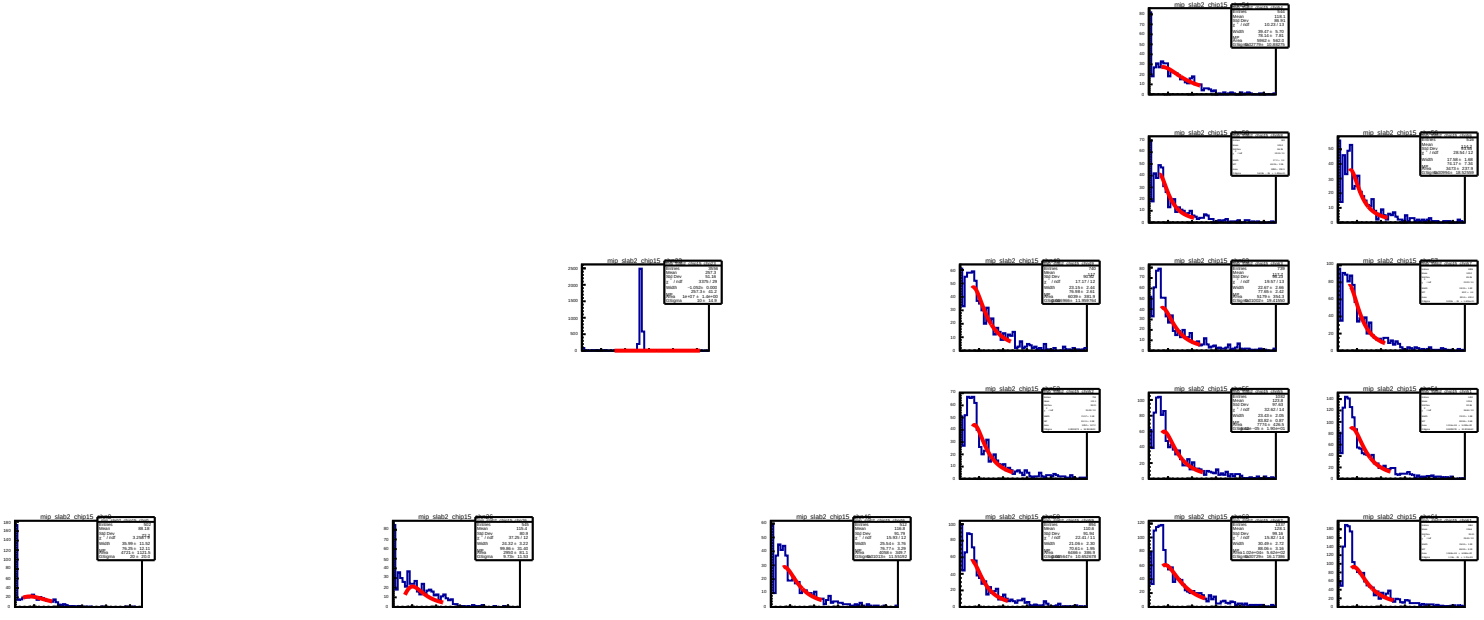
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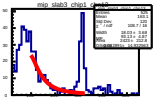
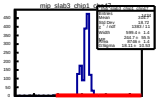
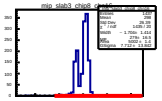
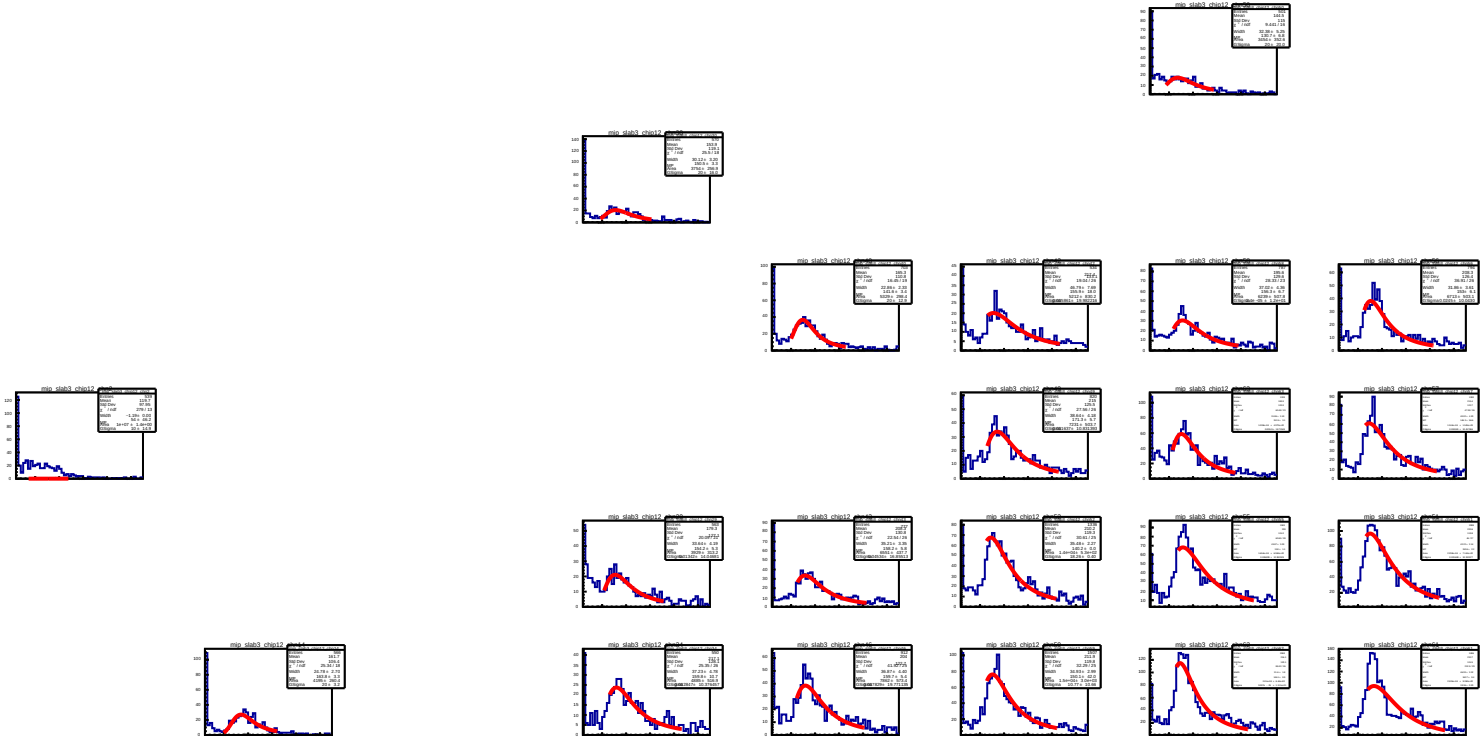

mip slab3 chip1 channel
Entries 1024
Mean 140.1
Std Dev 19.17
χ² / ndf 108.7 / 18
Width 10.03 ± 0.49
Mean 140.0 ± 0.3
MPV 23.014 ± 0.218
Integral 14.0 ± 0.0
50
40
30
20
10
0


mip slab3 chip1 channel
Entries 1024
Mean 19.17
Std Dev 19.17
χ² / ndf 1383 / 1
Width 3.06 ± 0.0
Mean 20.00 ± 0.0
MPV 0.00 ± 0.0
Integral 14.0 ± 0.0
450
400
350
300
250
200
150
100
50
0


msp_slab3_chip8_strip5
Statistics on Histogram
Entries 128
Underflow 0
Overflow 0
Integral 28.00
X: Total 1420.00
Mean - 1.75ns 1.414
Rms - 1.75ns 0.614
Skew 0.000 0.0
Kurtosis 0.000 0.000
350
300
250
200
150
100
50
0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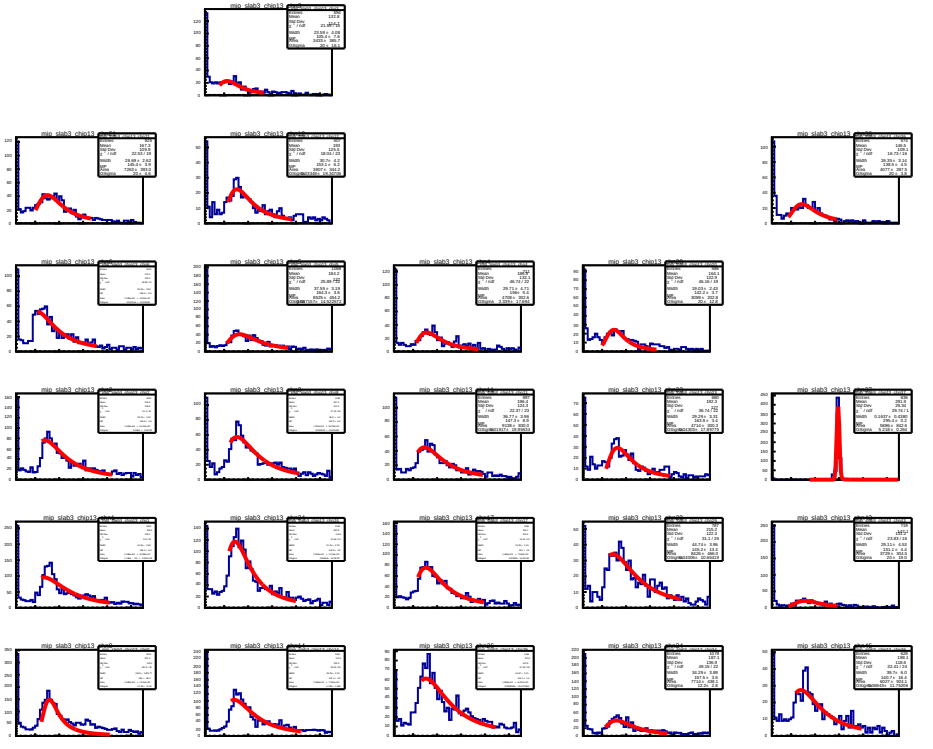
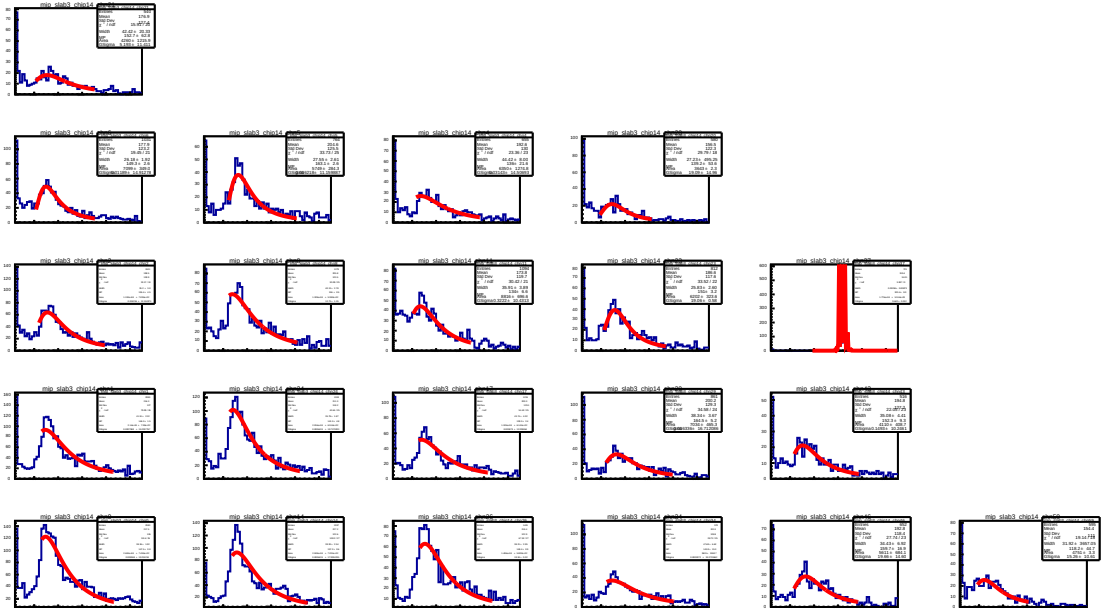
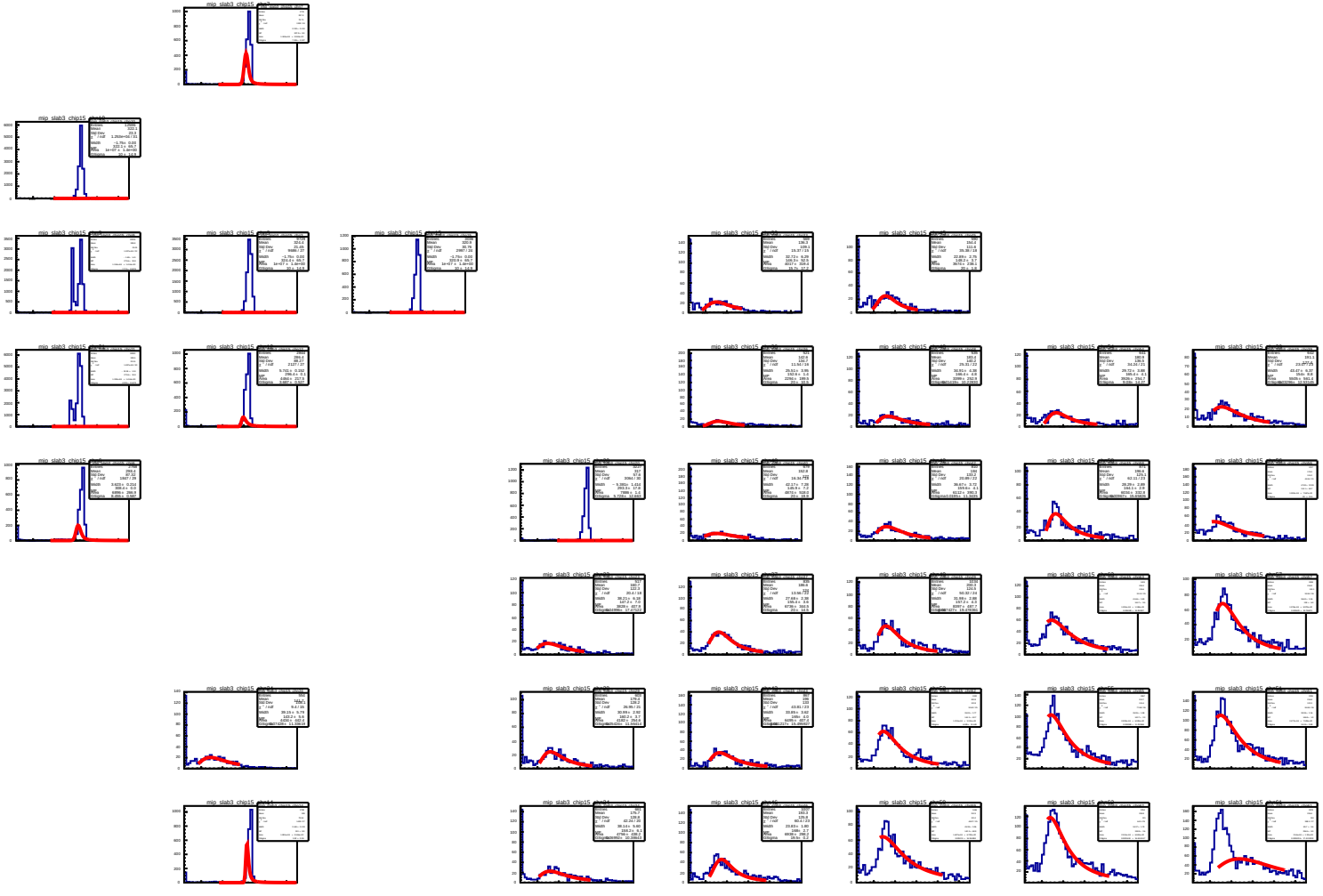
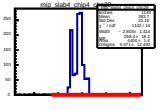
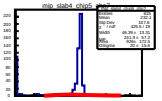
mip slab3 chip12
mip slab3 chip12

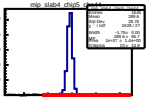


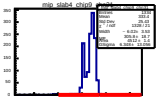


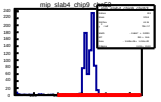


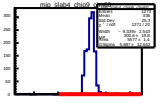

mip slab4 chip0
Entries 3584
Mean 2.57
Std Dev 22.16
χ / ndf 1.08
p0 2.9330 ± 0.416
p1 256.0 ± 10.2
p2 -0.2200 ± 0.03
Integral 3.4125 ± 0.05
250
200
150
100
50
0

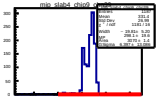

mip slab4 chip5 chan5
Entries 2000
Mean 157.6
Std Dev 157.8
χ² / ndf 1229.5 / 15
Width 16.39 ± 18.22
Area 1.000 ± 0.000
MPV 153.1 ± 0.1
Sigma 20.1 ± 0.1

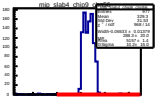

mip slab4 chip5 chan6
Entries 2000
Mean 250.6
Std Dev 19.03
χ² / ndf 1520 / 17
Width 0.750 ± 0.002
Area 1.000 ± 0.000
MPV 247.7 ± 0.0
Sigma 15.1 ± 0.0

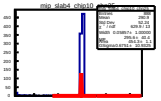
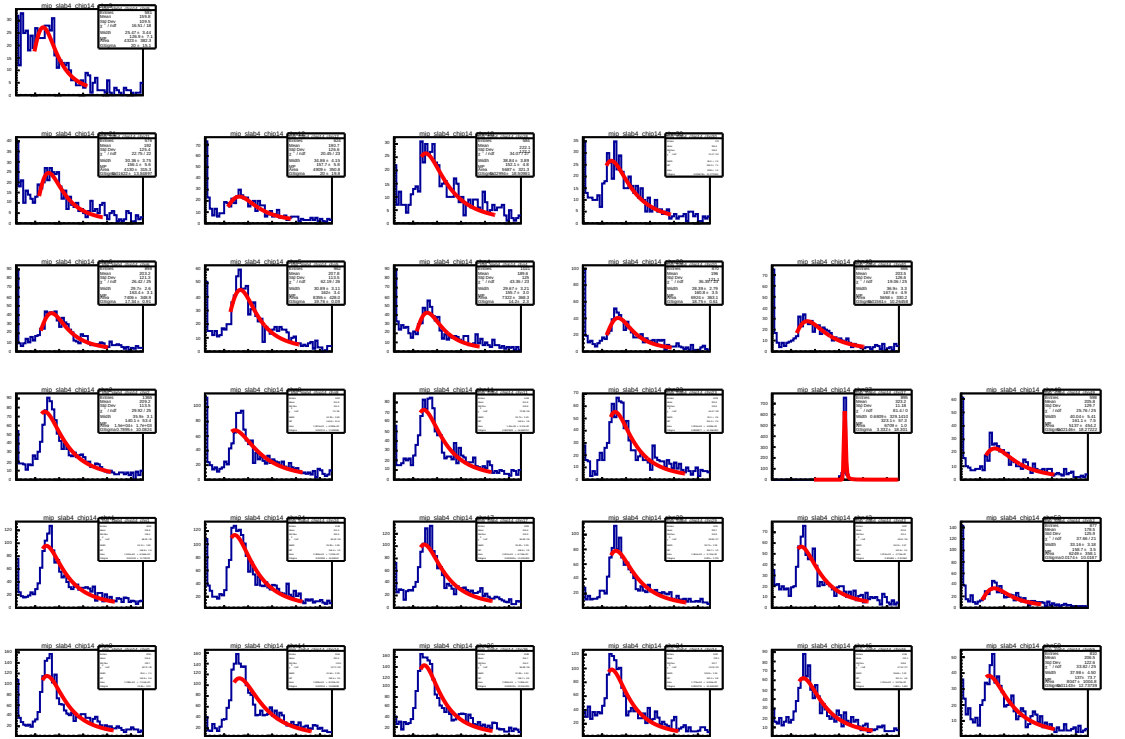
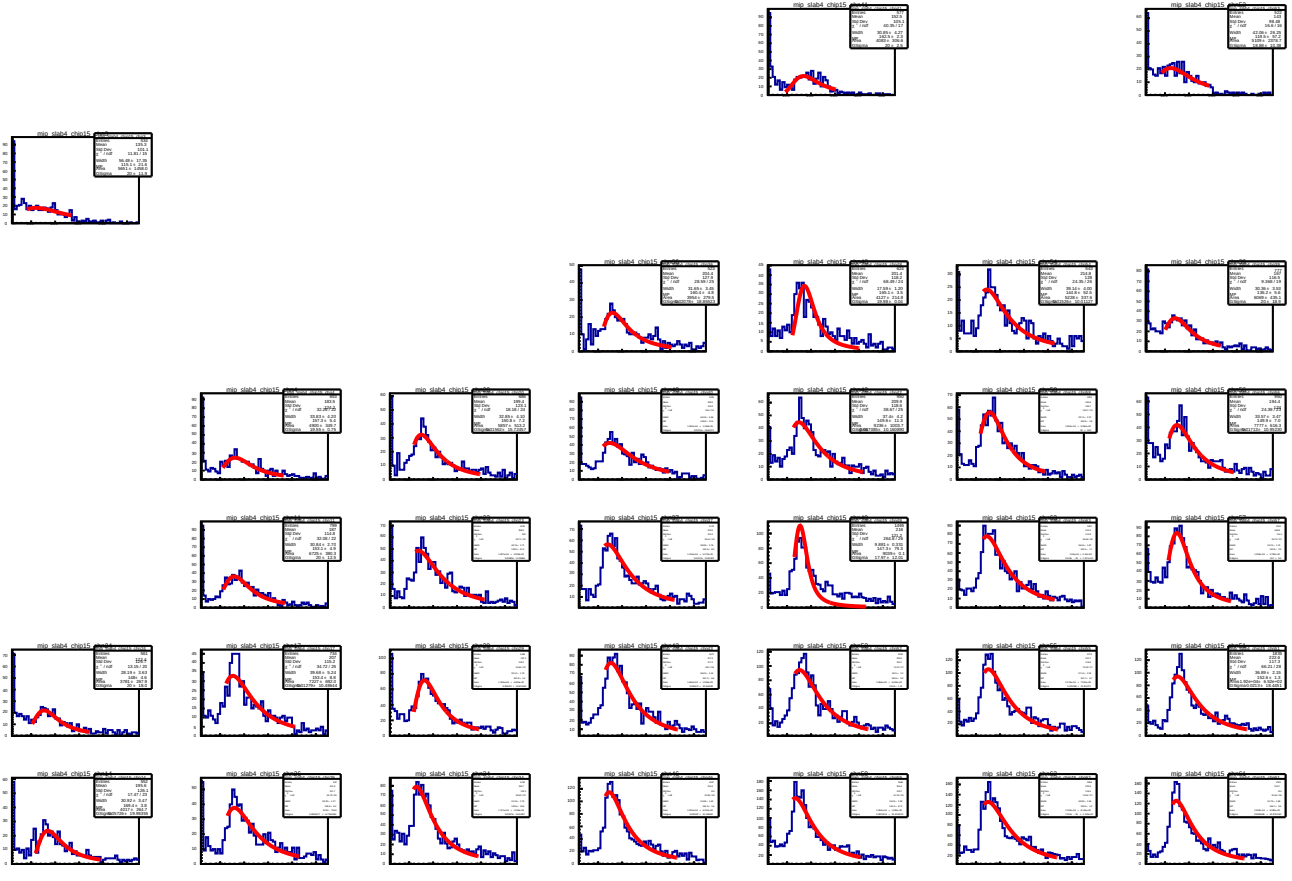

mip_slab4_chip2_ch24
Entries 2512
Mean 25.22
Std Dev 13.20 / 11
χ² / ndf 1320 / 21
Prob 0.000
Width 0.000± 0.000
MPV 28.67 ± 0.4
Sigma 0.000± 0.000


mip_slab4_chip2_ch25


mip_slab4_chip2_ch26
Entries 2516
Mean 24.8
Std Dev 12.71 / 11
χ² / ndf 1271 / 21
Prob 0.000
Width 0.000± 0.000
MPV 28.4 ± 0.4
Sigma 0.000± 0.000


mip_slab4_chip2_ch27
Entries 2512
Mean 24.14
Std Dev 13.41 / 11
χ² / ndf 1341 / 21
Prob 0.000
Width 0.000± 0.000
MPV 28.61 ± 0.4
Sigma 0.000± 0.000


mip_slab4_chip2_ch28
Entries 2512
Mean 23.14
Std Dev 13.14 / 11
χ² / ndf 960 / 21
Prob 0.000
Width 0.00833 ± 0.00274
MPV 28.4 ± 0.4
Sigma 0.000± 0.000


mip_slab4_chn313_mx_05
Entries 2853
Mean 52.16
Std Dev 329.9/13
Width 0.0100/0.0100
Sigma 2.7/1.7
Peak 29.5/-1.5
Integral 8754/1 ev/mip
400
350
300
250
200
150
100
50
0