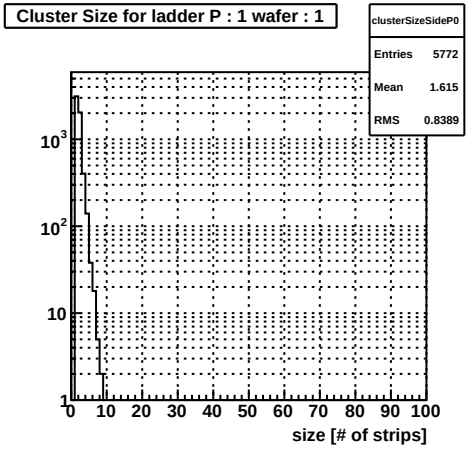
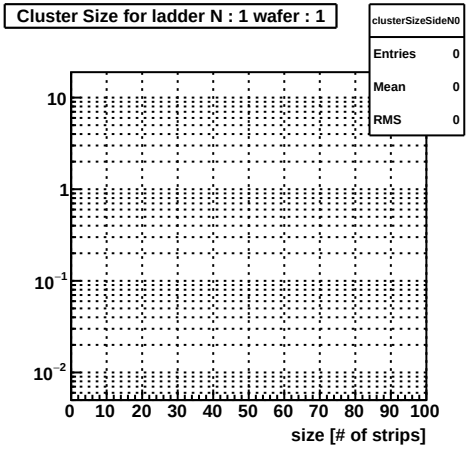
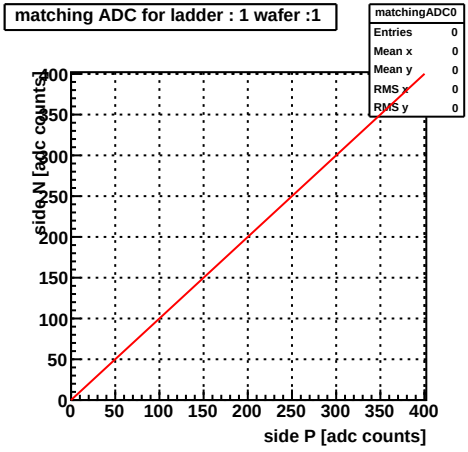
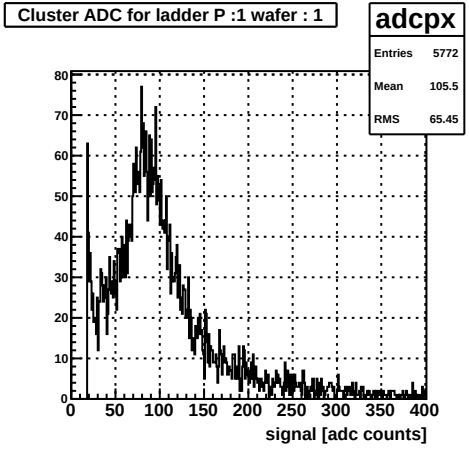
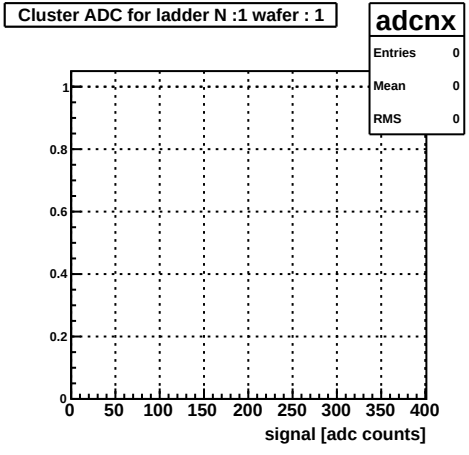
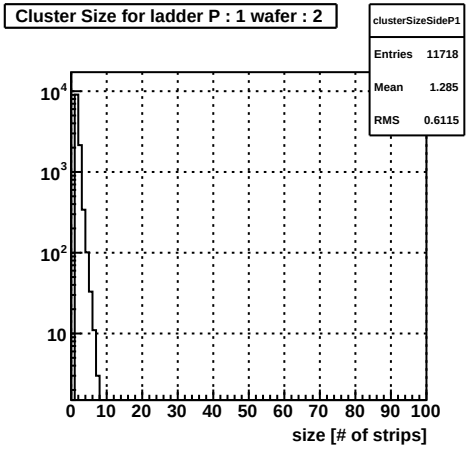

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 5772
Mean 1.615
RMS 0.8389
size [# of strips]

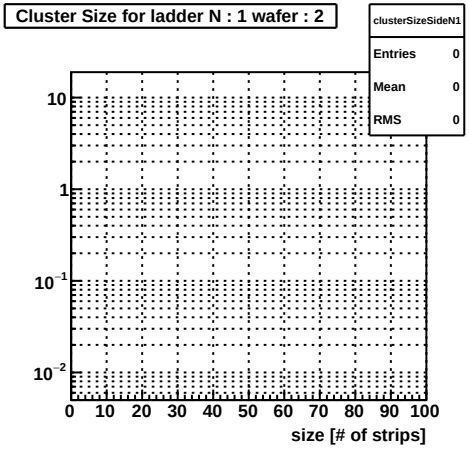

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

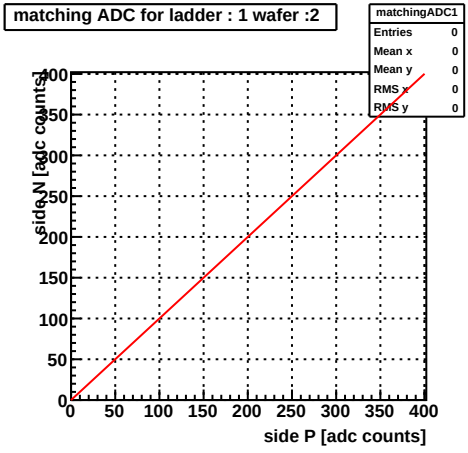

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

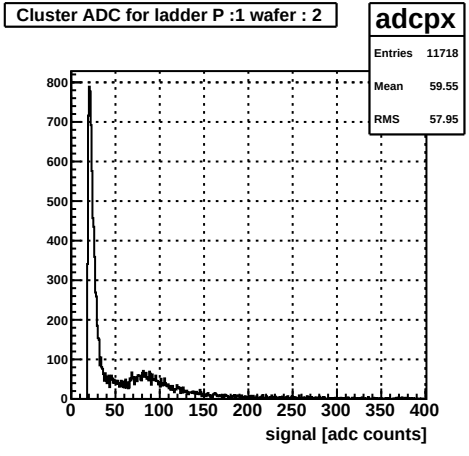

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 5772
Mean 105.5
RMS 65.45
signal [adc counts]

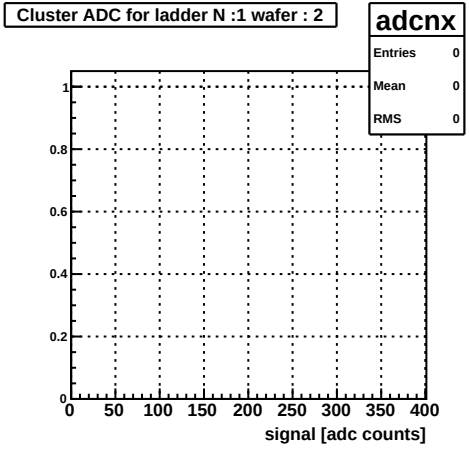

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

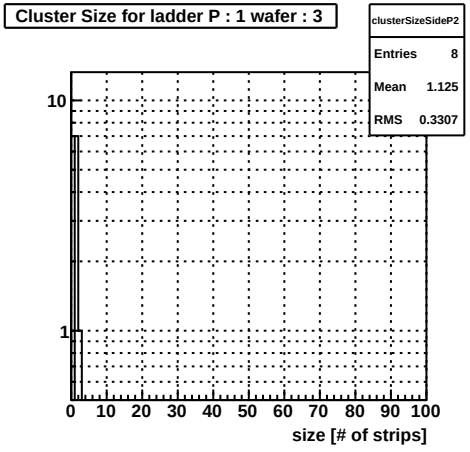

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 11718
Mean 1.285
RMS 0.6115
size [# of strips]

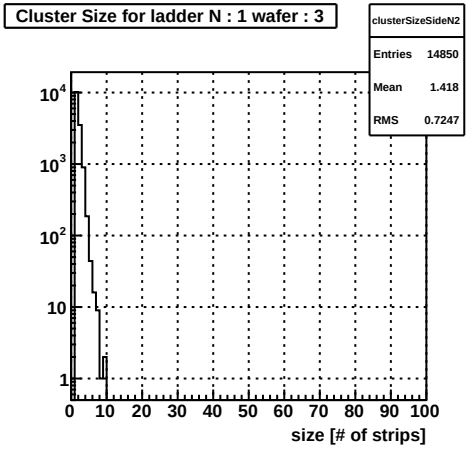

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

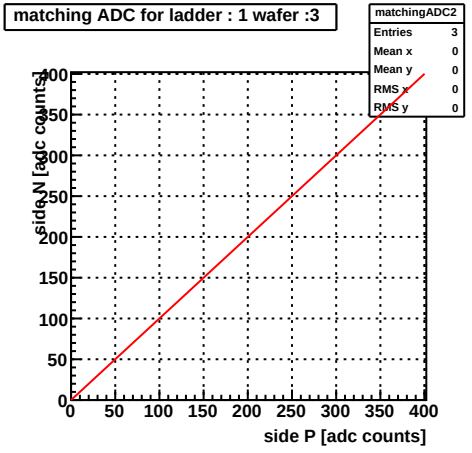

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

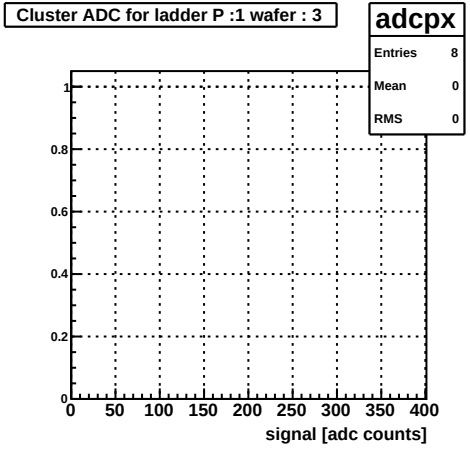

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 11718
Mean 59.55
RMS 57.95
signal [adc counts]

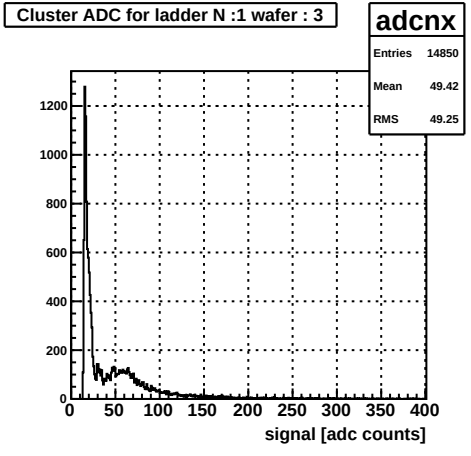

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

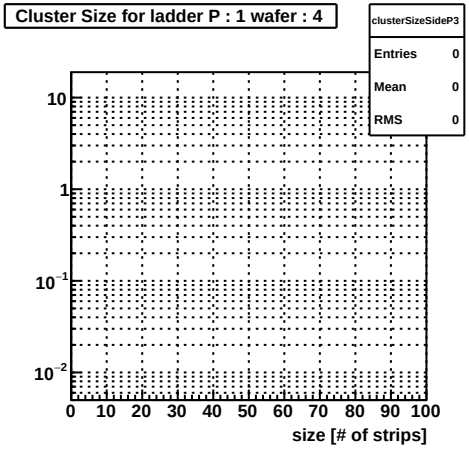

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 8
Mean 1.125
RMS 0.3307
size [# of strips]

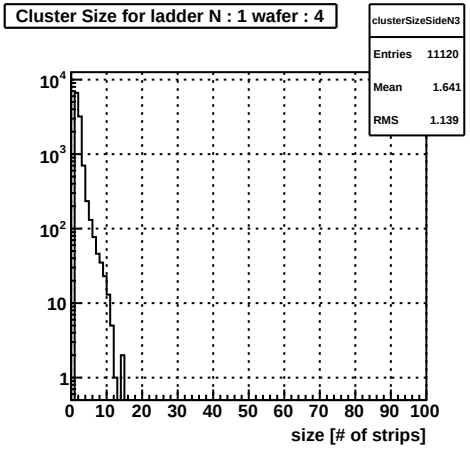

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 14850
Mean 1.418
RMS 0.7247
size [# of strips]

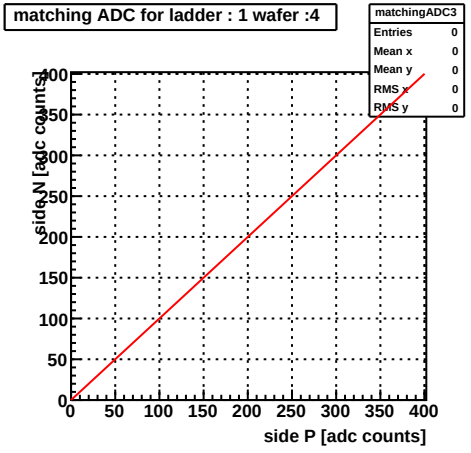

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

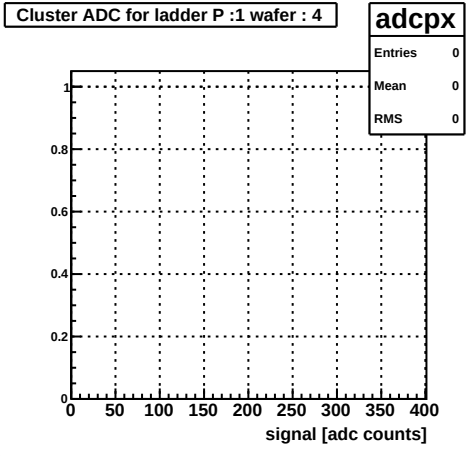

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 8
Mean 0
RMS 0
signal [adc counts]

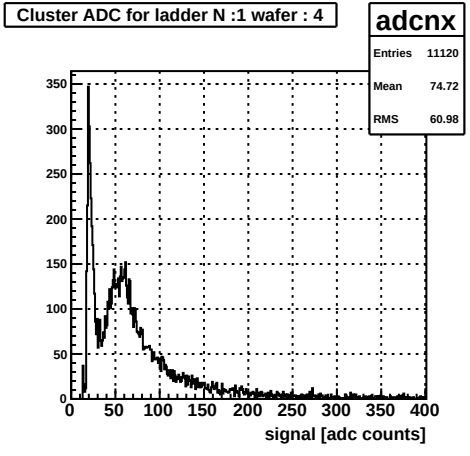

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 14850
Mean 49.42
RMS 49.25
signal [adc counts]

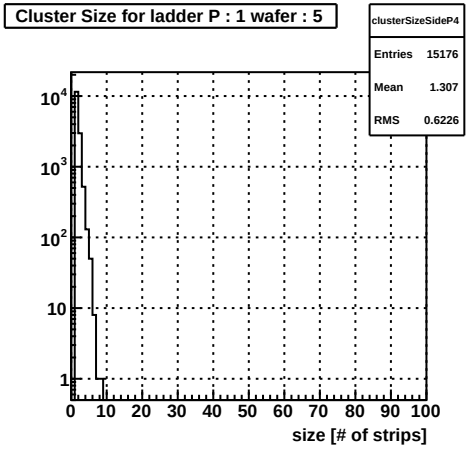

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

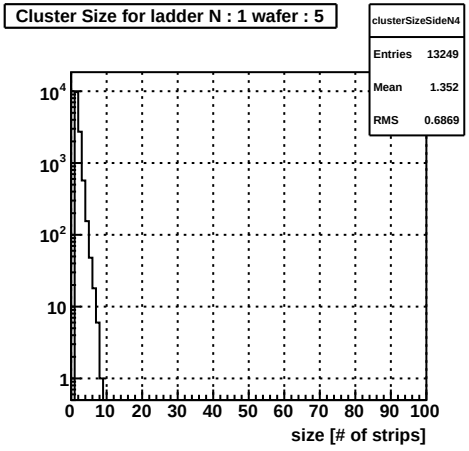

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 11120
Mean 1.641
RMS 1.139
size [# of strips]

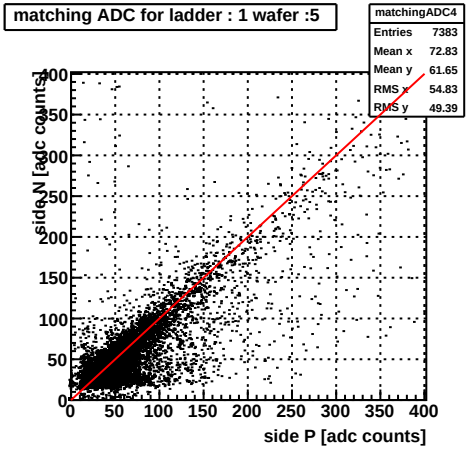

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

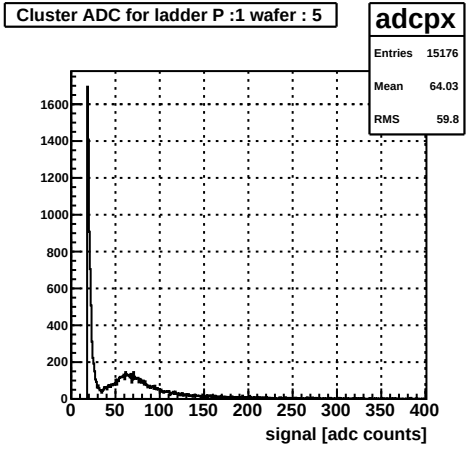

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

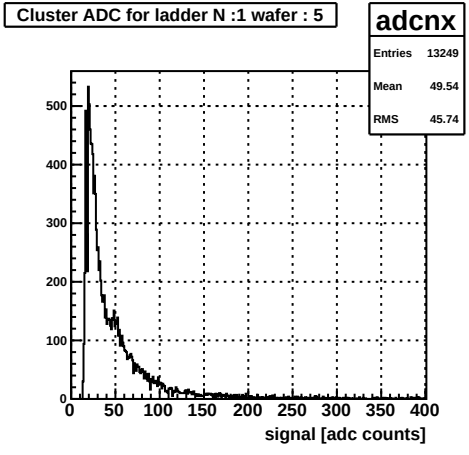

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 11120
Mean 74.72
RMS 60.98
signal [adc counts]

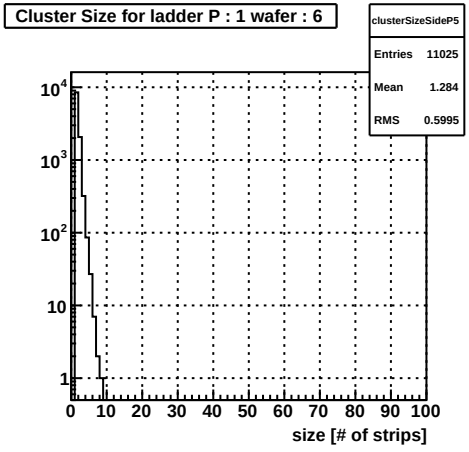

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 15176
Mean 1.307
RMS 0.6226
size [# of strips]

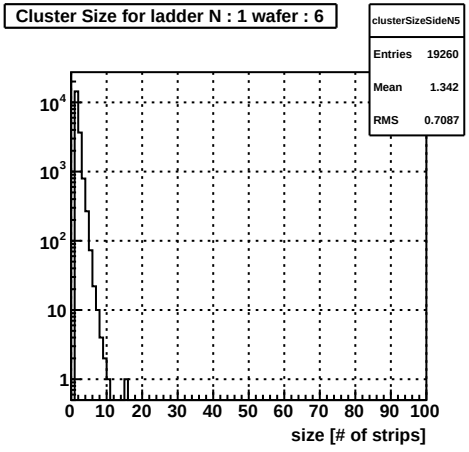

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 13249
Mean 1.352
RMS 0.6869
size [# of strips]

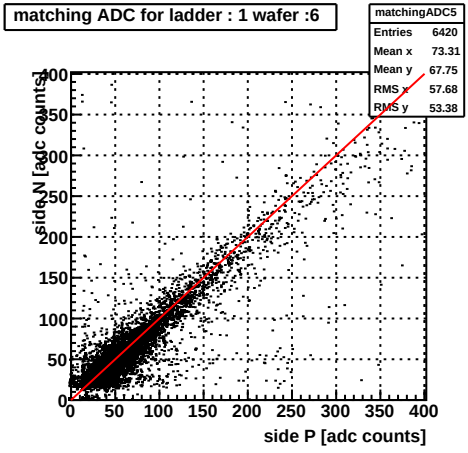

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 7383
Mean x 72.83
Mean y 61.65
RMS x 54.83
RMS y 49.39
side N [adc counts]
side P [adc counts]

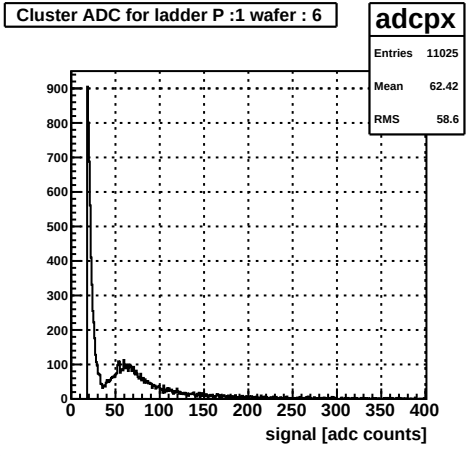

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 15176
Mean 64.03
RMS 59.8
signal [adc counts]

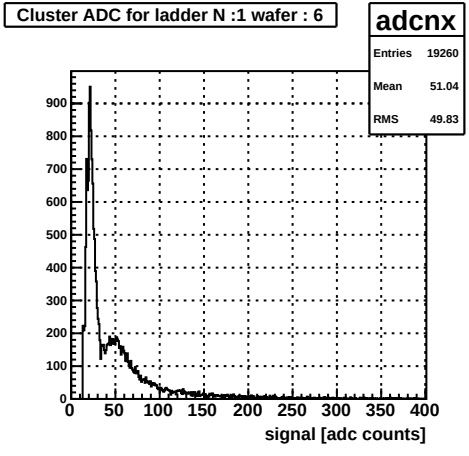

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 13249
Mean 49.54
RMS 45.74
signal [adc counts]

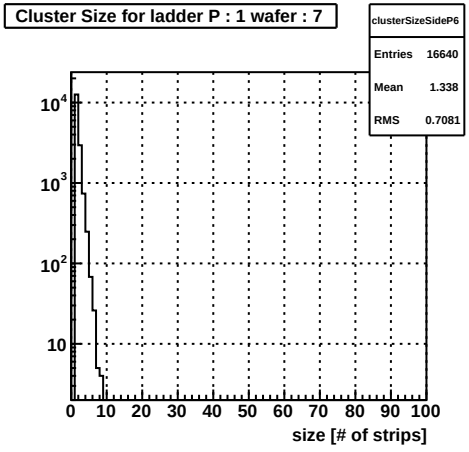

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 11025
Mean 1.284
RMS 0.5995
size [# of strips]

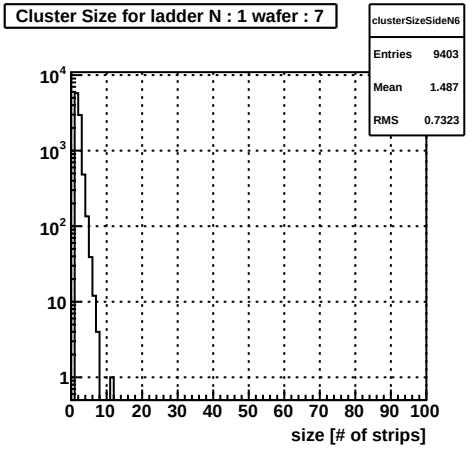

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 19260
Mean 1.342
RMS 0.7087
size [# of strips]

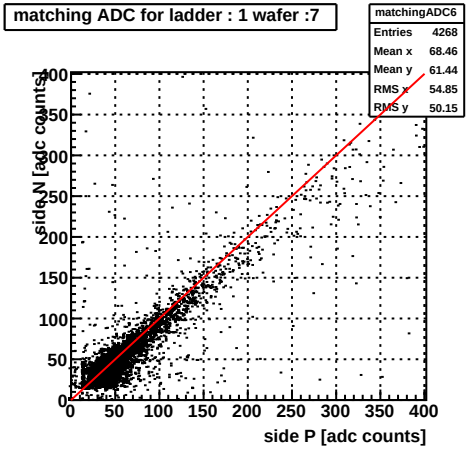

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 6420
Mean x 73.31
Mean y 67.75
RMS x 57.68
RMS y 53.38
side N [adc counts]
side P [adc counts]

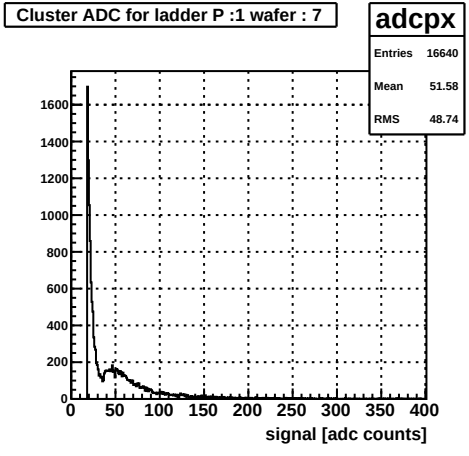

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 11025
Mean 62.42
RMS 58.6
signal [adc counts]

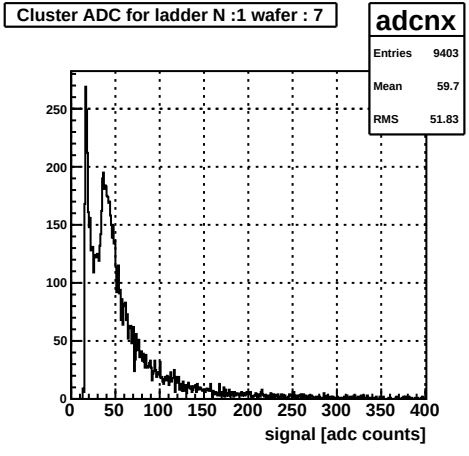

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 19260
Mean 51.04
RMS 49.83
signal [adc counts]

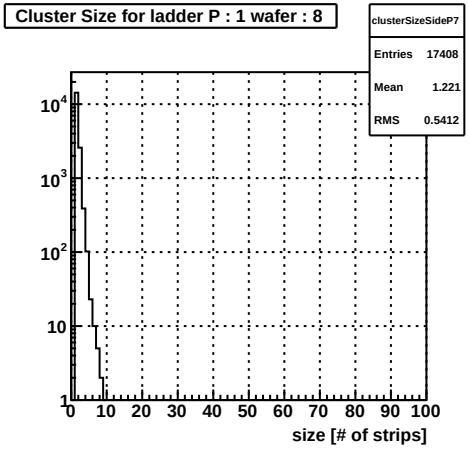

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 16640
Mean 1.338
RMS 0.7081
size [# of strips]

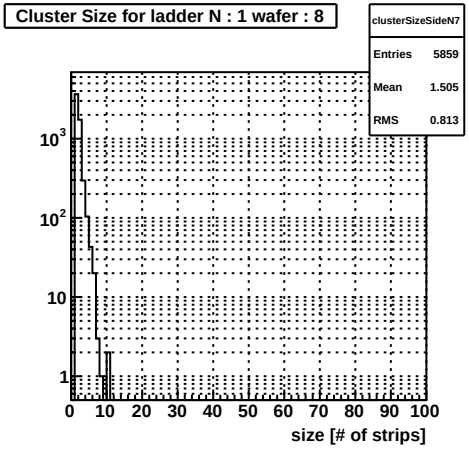

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 9403
Mean 1.487
RMS 0.7323
size [# of strips]

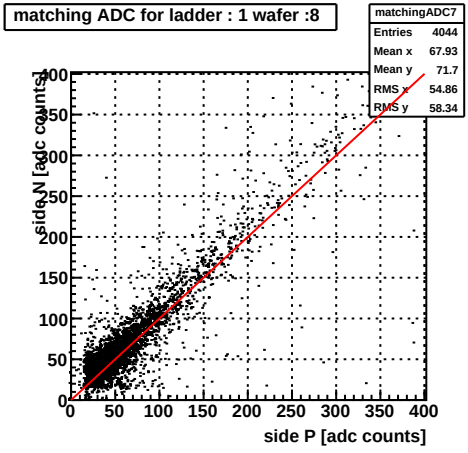

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 4268
Mean x 68.46
Mean y 61.44
RMS x 54.85
RMS y 50.15
side N [adc counts]
side P [adc counts]

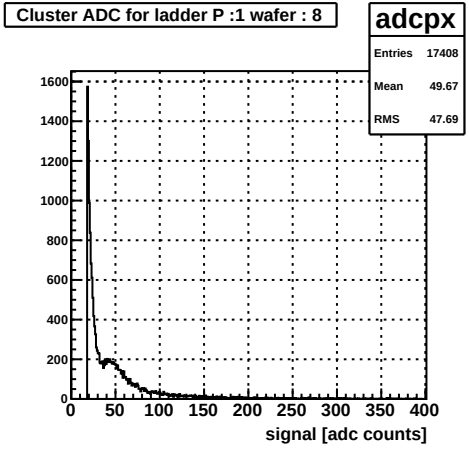

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 16640
Mean 51.58
RMS 48.74
signal [adc counts]

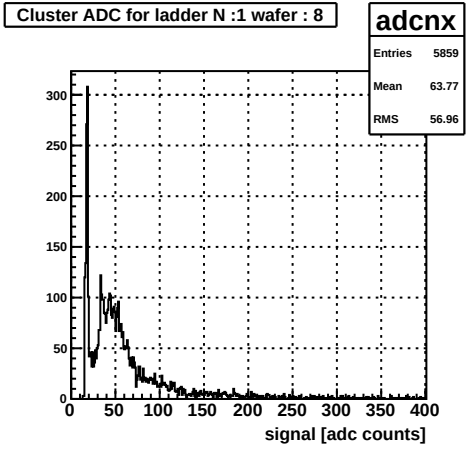

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 9403
Mean 59.7
RMS 51.83
signal [adc counts]

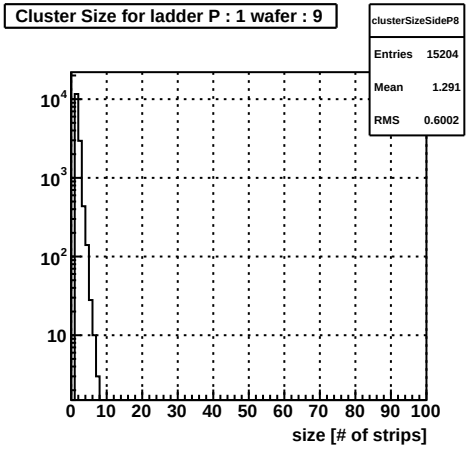

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 17408
Mean 1.221
RMS 0.5412
size [# of strips]

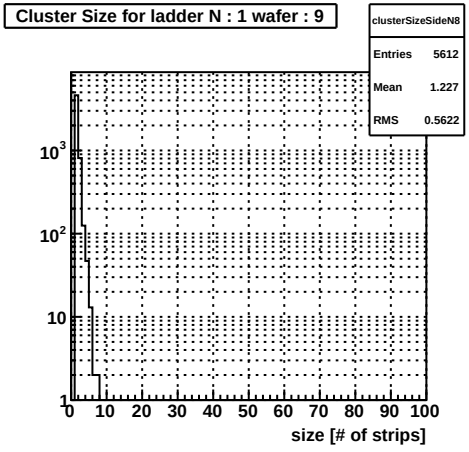

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 5859
Mean 1.505
RMS 0.813
size [# of strips]

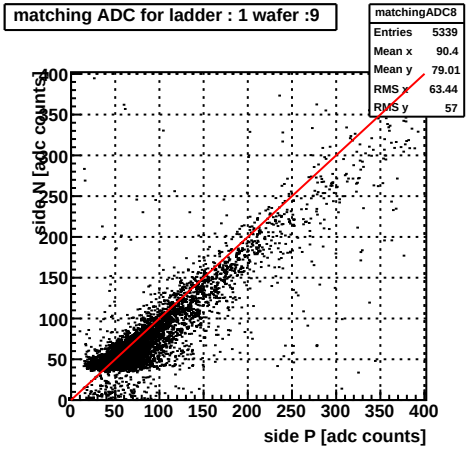

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 4044
Mean x 67.93
Mean y 71.7
RMS x 54.86
RMS y 58.34
side N [adc counts]
side P [adc counts]

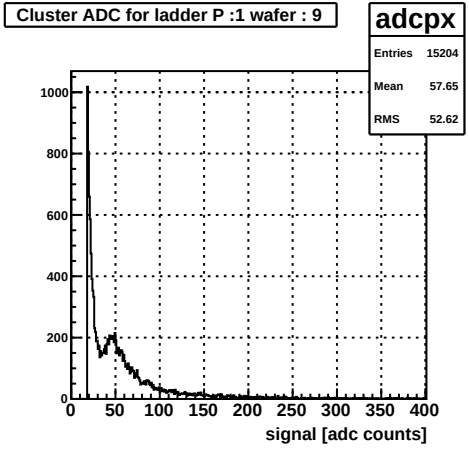

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 17408
Mean 49.67
RMS 47.69
signal [adc counts]

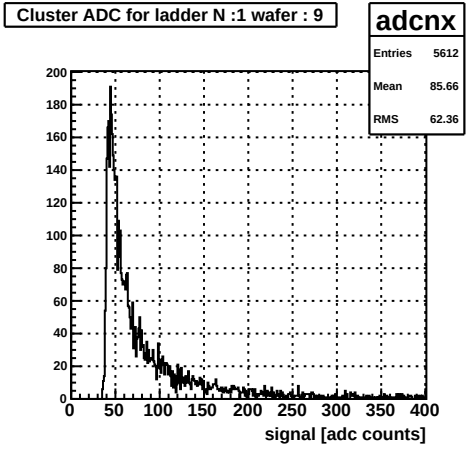

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 5859
Mean 63.77
RMS 56.96
signal [adc counts]

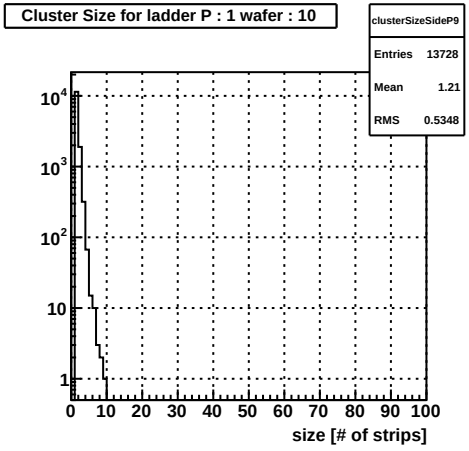

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 15204
Mean 1.291
RMS 0.6002
size [# of strips]

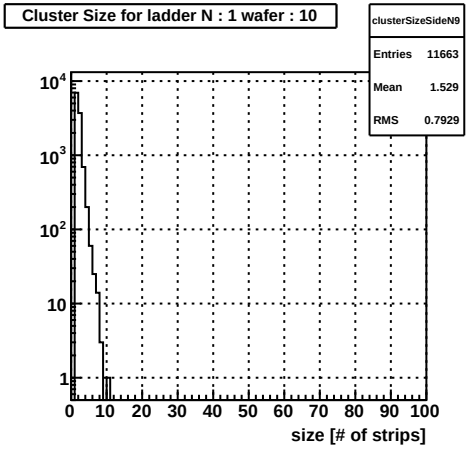

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 5612
Mean 1.227
RMS 0.5622
size [# of strips]

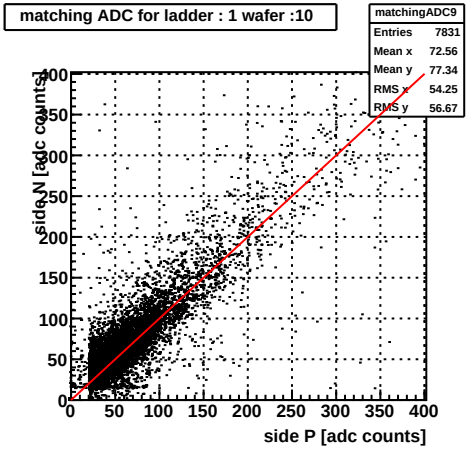

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 5339
Mean x 90.4
Mean y 79.01
RMS x 63.44
RMS y 57
side N [adc counts]
side P [adc counts]

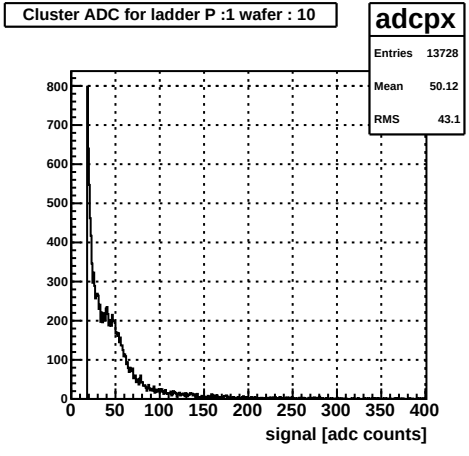

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 15204
Mean 57.65
RMS 52.62
signal [adc counts]

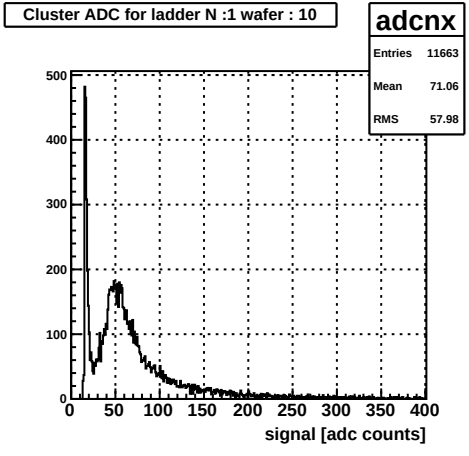

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 5612
Mean 85.66
RMS 62.36
signal [adc counts]

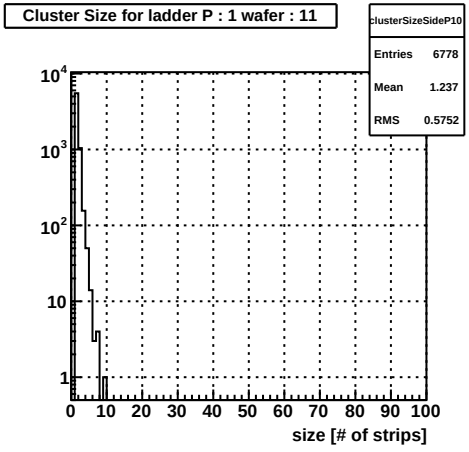

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 13728
Mean 1.21
RMS 0.5348
size [# of strips]

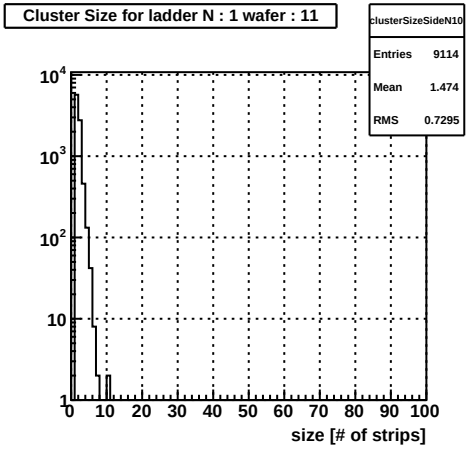

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 11663
Mean 1.529
RMS 0.7929
size [# of strips]

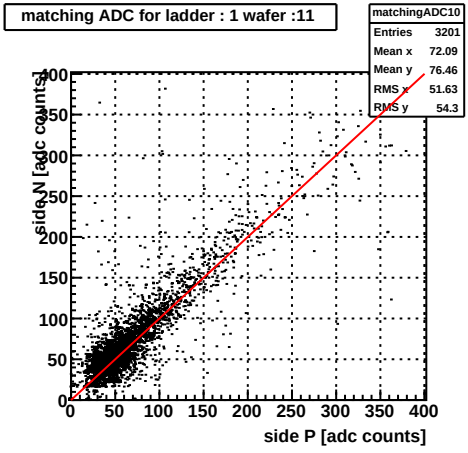

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 7831
Mean x 72.56
Mean y 77.34
RMS x 54.25
RMS y 56.67
side N [adc counts]
side P [adc counts]

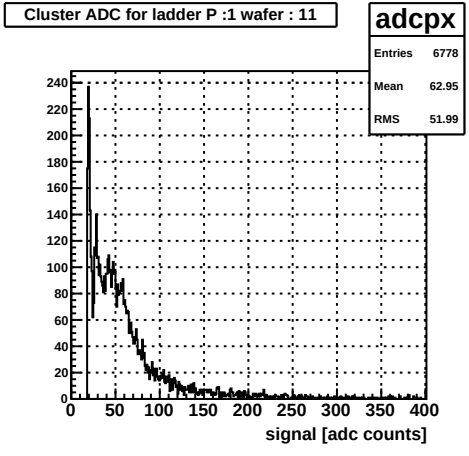

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 13728
Mean 50.12
RMS 43.1
signal [adc counts]

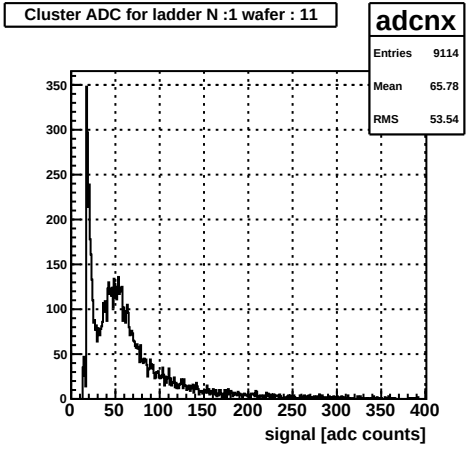

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 11663
Mean 71.06
RMS 57.98
signal [adc counts]

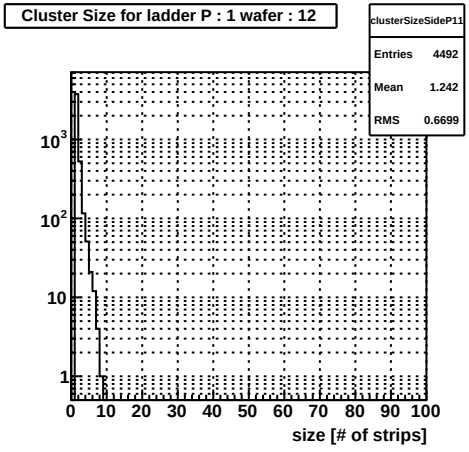

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 6778
Mean 1.237
RMS 0.5752
size [# of strips]

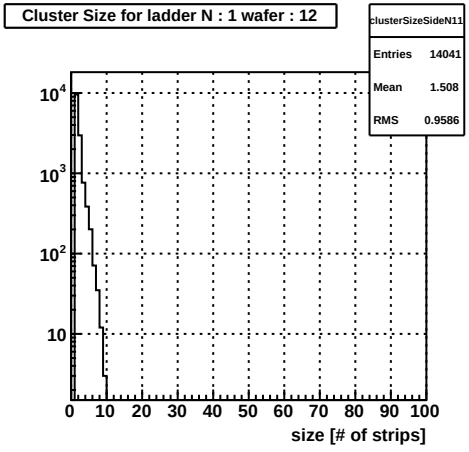

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 9114
Mean 1.474
RMS 0.7295
size [# of strips]

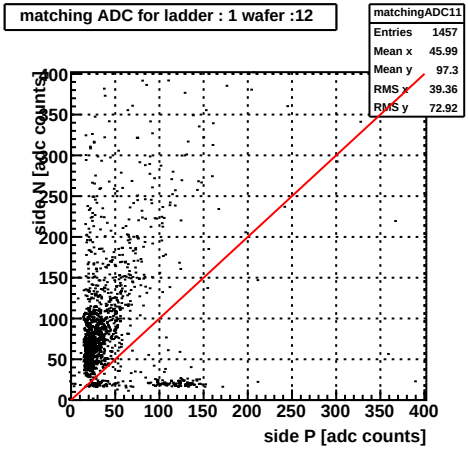

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 3201
Mean x 72.09
Mean y 76.46
RMS x 51.63
RMS y 54.3
side N [adc counts]
side P [adc counts]

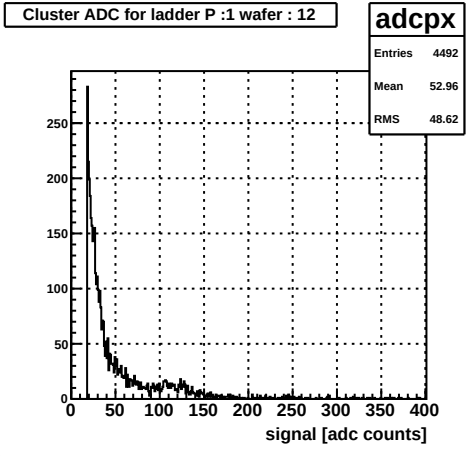

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 6778
Mean 62.95
RMS 51.99
signal [adc counts]

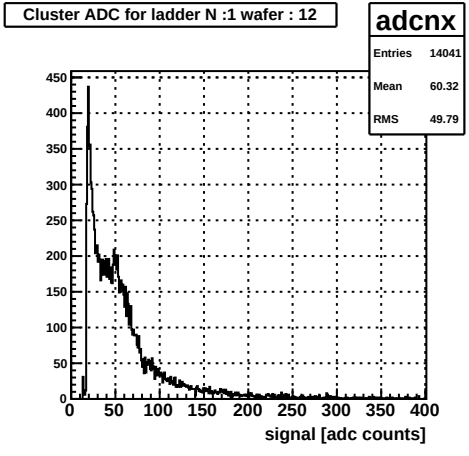

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 9114
Mean 65.78
RMS 53.54
signal [adc counts]

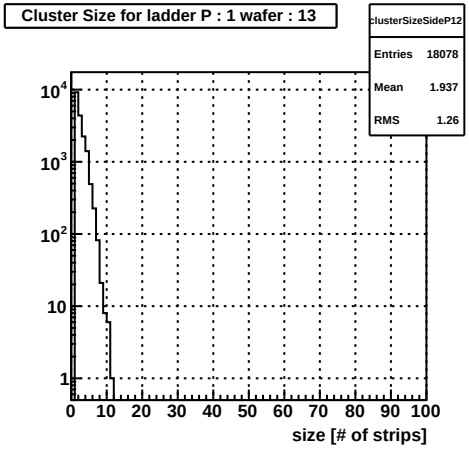

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 4492
Mean 1.242
RMS 0.6699
size [# of strips]

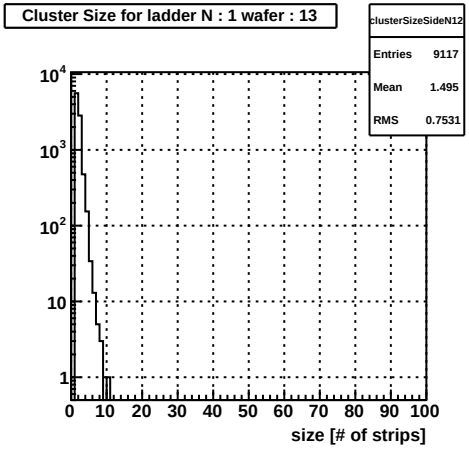

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 14041
Mean 1.508
RMS 0.9586
size [# of strips]

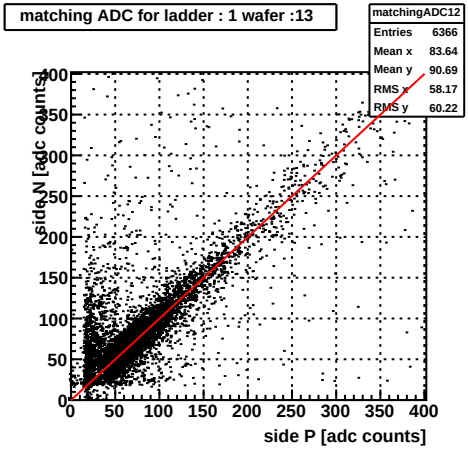

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 1457
Mean x 45.99
Mean y 97.3
RMS x 39.36
RMS y 72.92
side N [adc counts]
side P [adc counts]

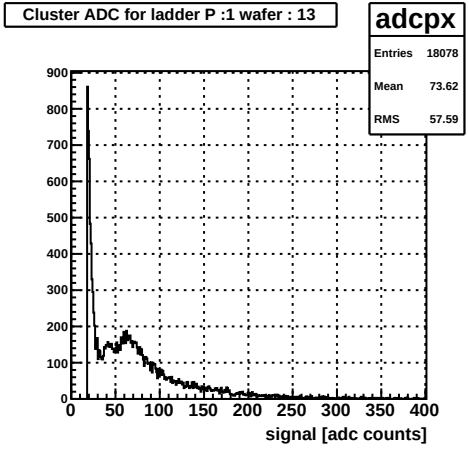

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 4492
Mean 52.96
RMS 48.62
signal [adc counts]

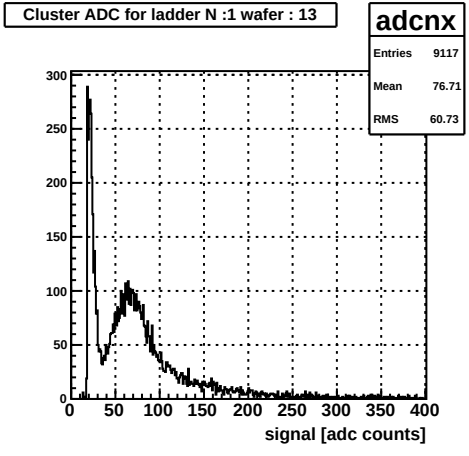

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 14041
Mean 60.32
RMS 49.79
signal [adc counts]

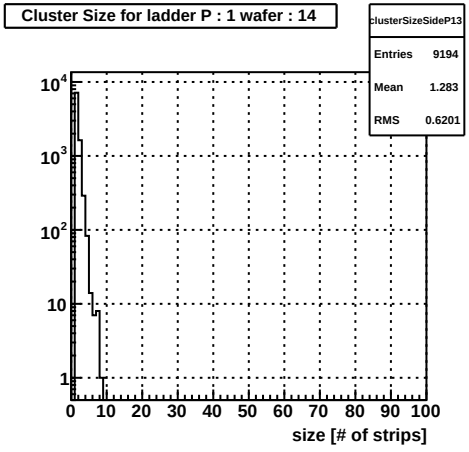

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 18078
Mean 1.937
RMS 1.26
size [# of strips]

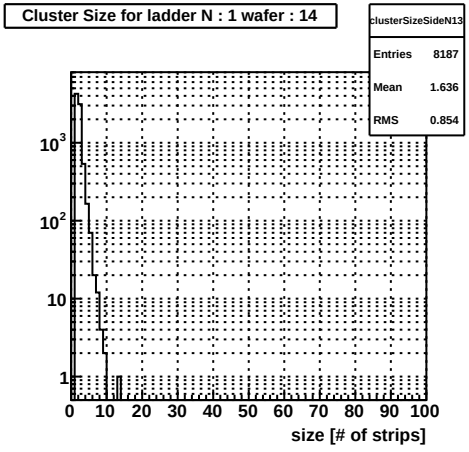

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 9117
Mean 1.495
RMS 0.7531
size [# of strips]

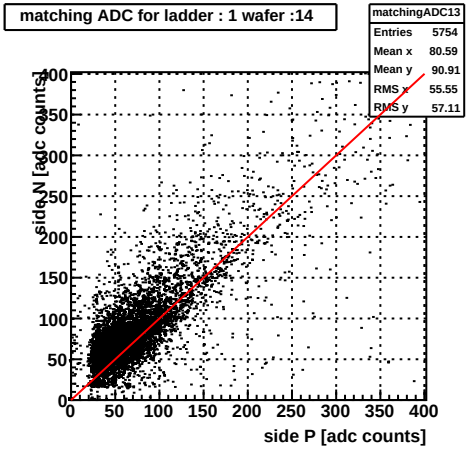

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 6366
Mean x 83.64
Mean y 90.69
RMS x 58.17
RMS y 60.22
side N [adc counts]
side P [adc counts]

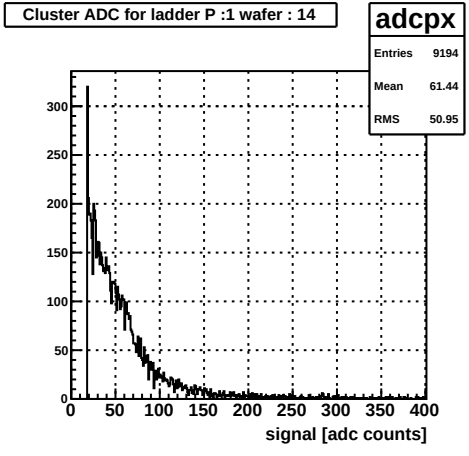

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 18078
Mean 73.62
RMS 57.59
signal [adc counts]

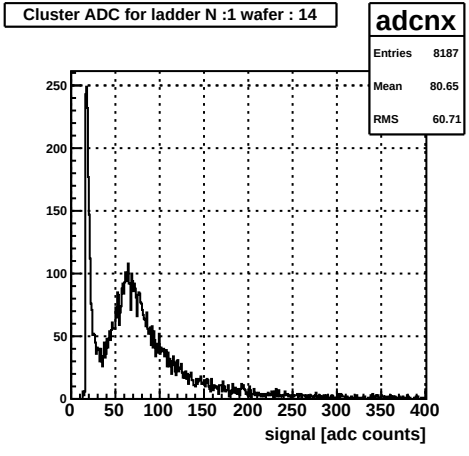

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 9117
Mean 76.71
RMS 60.73
signal [adc counts]

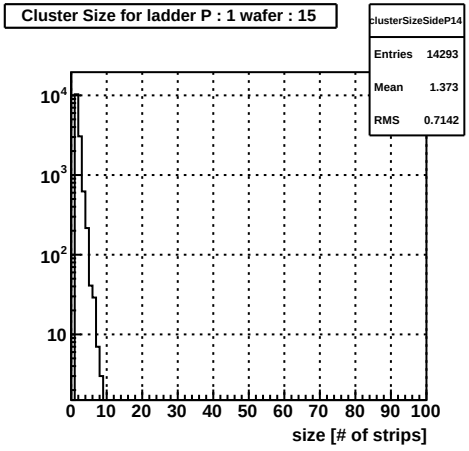

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 9194
Mean 1.283
RMS 0.6201
size [# of strips]

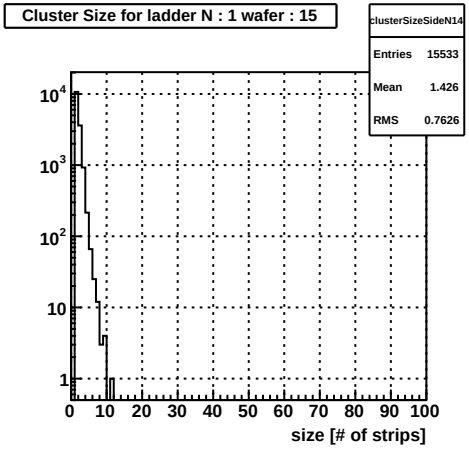

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 8187
Mean 1.636
RMS 0.854
size [# of strips]

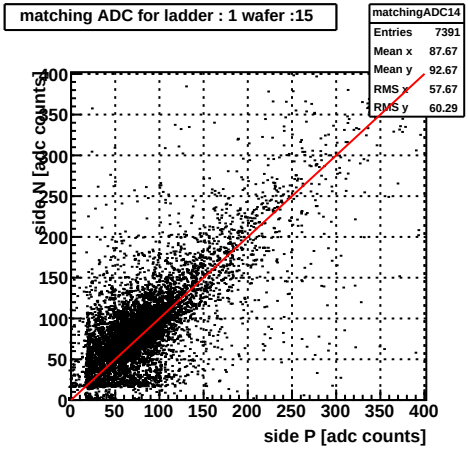

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 5754
Mean x 80.59
Mean y 90.91
RMS x 55.55
RMS y 57.11
side N [adc counts]
side P [adc counts]

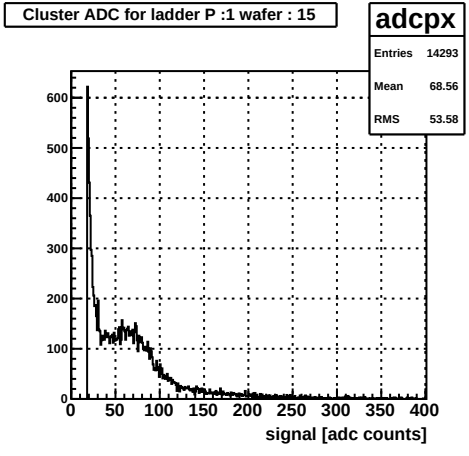

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 9194
Mean 61.44
RMS 50.95
signal [adc counts]

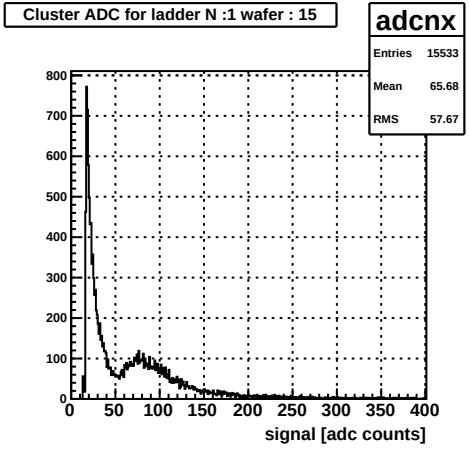

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 8187
Mean 80.65
RMS 60.71
signal [adc counts]

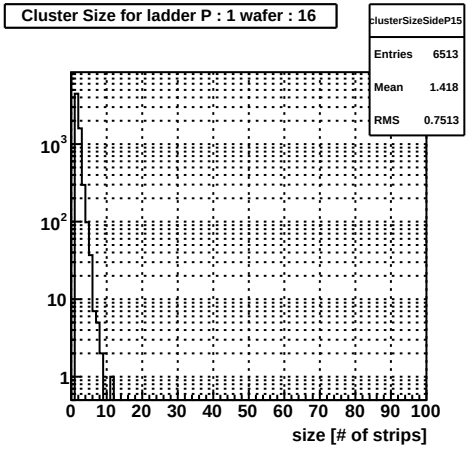

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 14293
Mean 1.373
RMS 0.7142
size [# of strips]

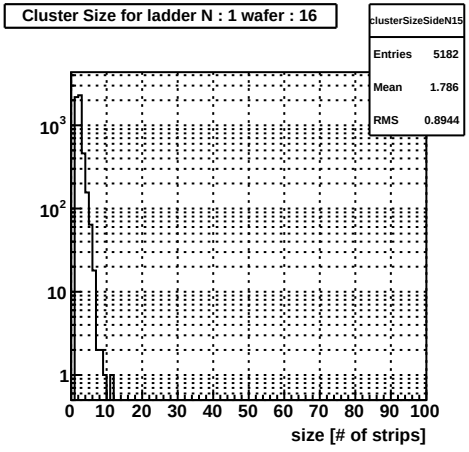

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 15533
Mean 1.426
RMS 0.7626
size [# of strips]

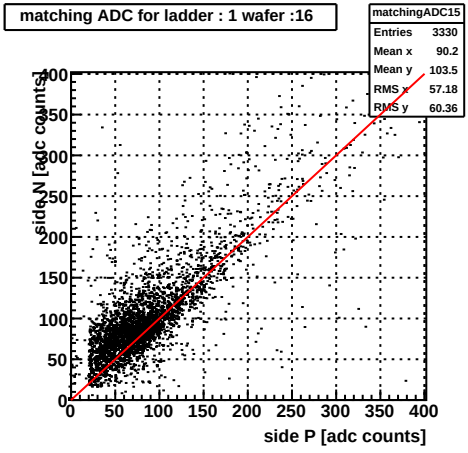

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 7391
Mean x 87.67
Mean y 92.67
RMS x 57.67
RMS y 60.29
side N [adc counts]
side P [adc counts]

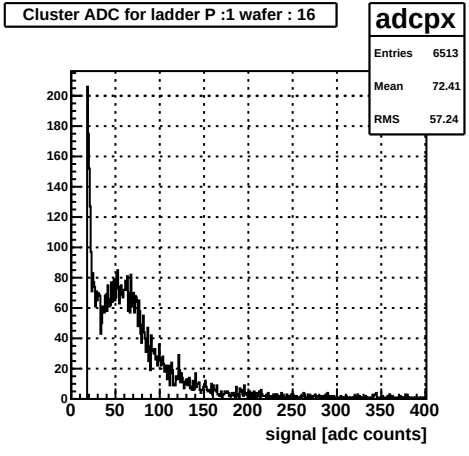

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 14293
Mean 68.56
RMS 53.58
signal [adc counts]

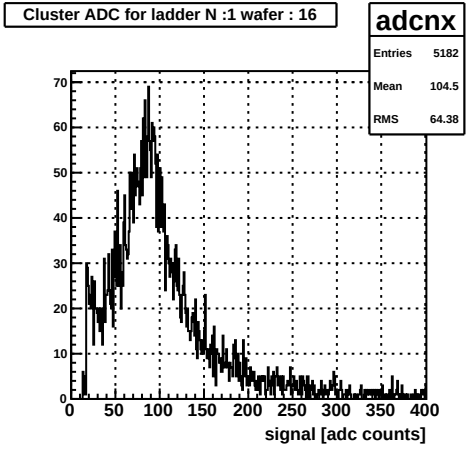

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 15533
Mean 65.68
RMS 57.67
signal [adc counts]

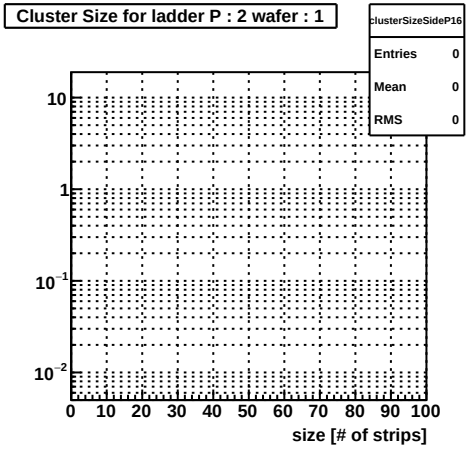

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 6513
Mean 1.418
RMS 0.7513
size [# of strips]

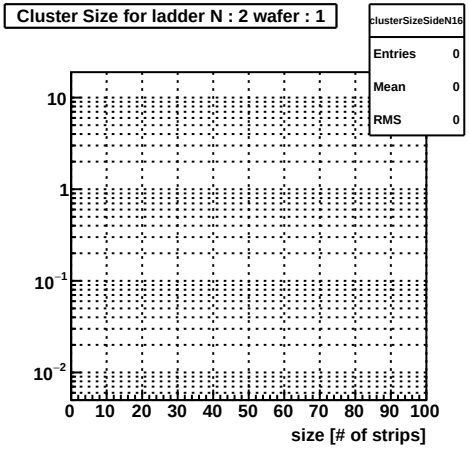

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 5182
Mean 1.786
RMS 0.8944
size [# of strips]

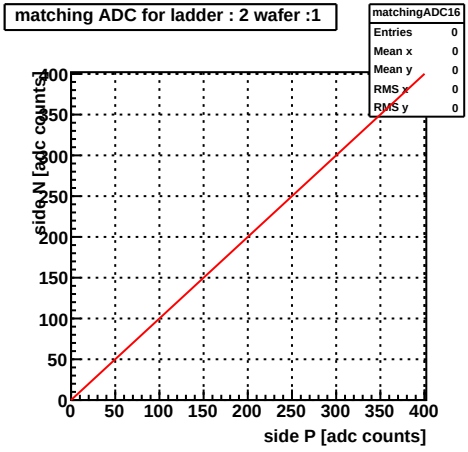

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 3330
Mean x 90.2
Mean y 103.5
RMS x 57.18
RMS y 60.36
side N [adc counts]
side P [adc counts]

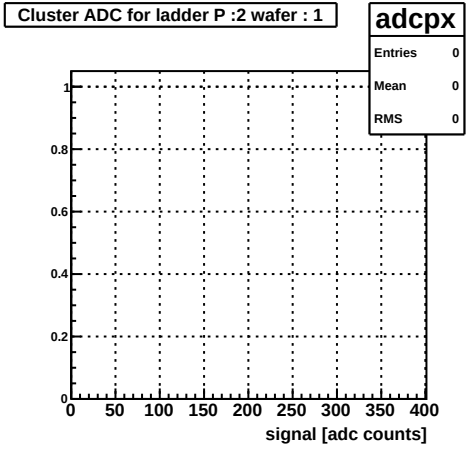

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 6513
Mean 72.41
RMS 57.24
signal [adc counts]

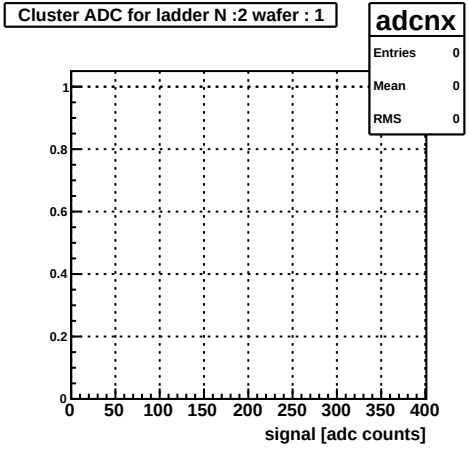

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 5182
Mean 104.5
RMS 64.38
signal [adc counts]

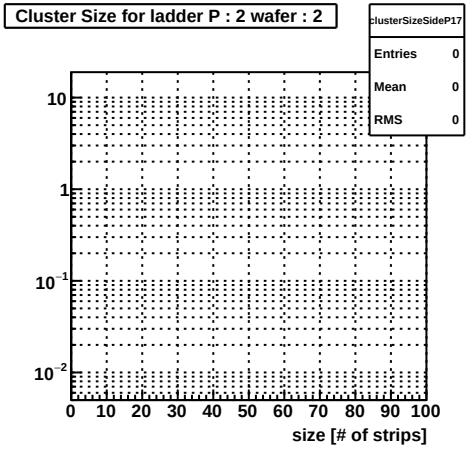

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

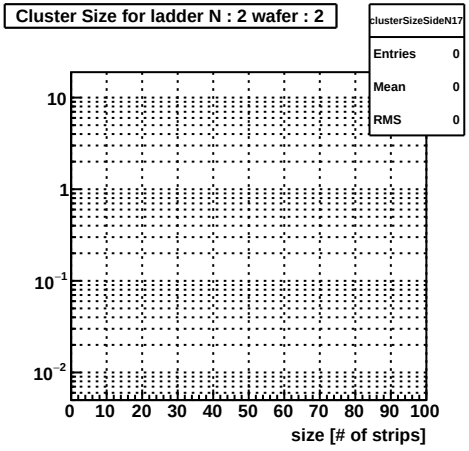

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

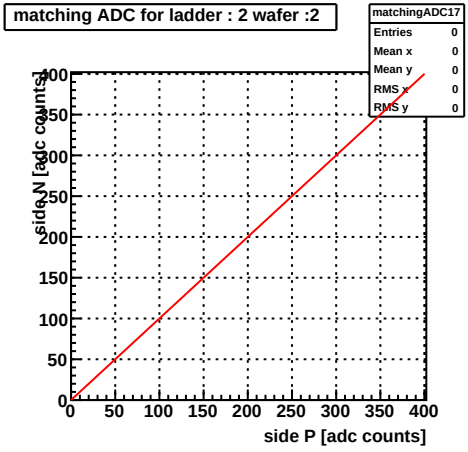

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

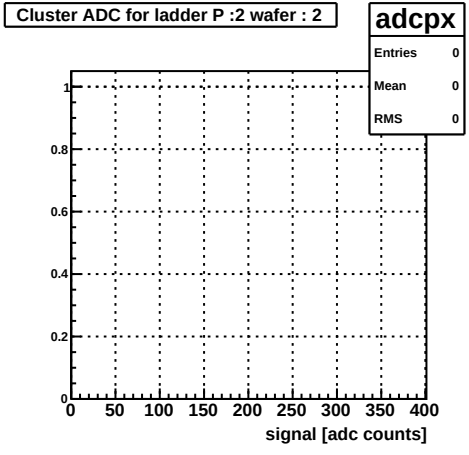

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

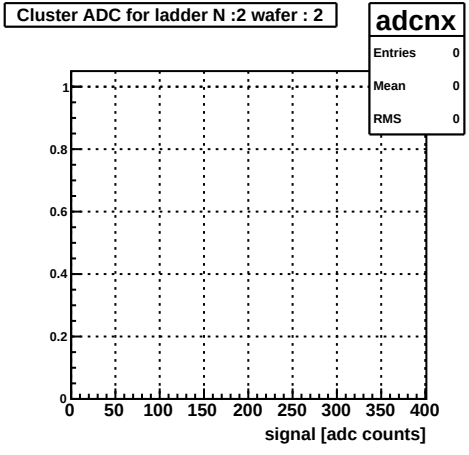

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

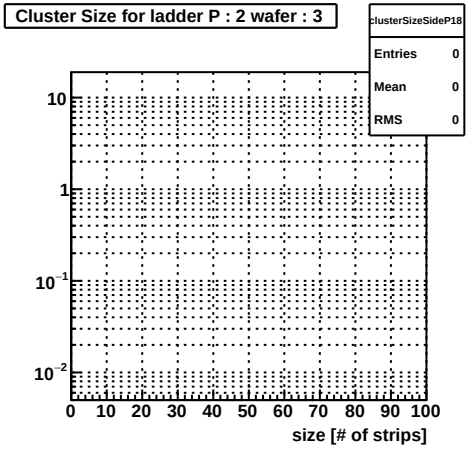

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

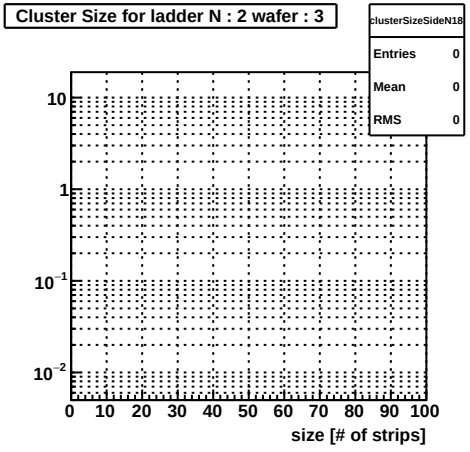

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

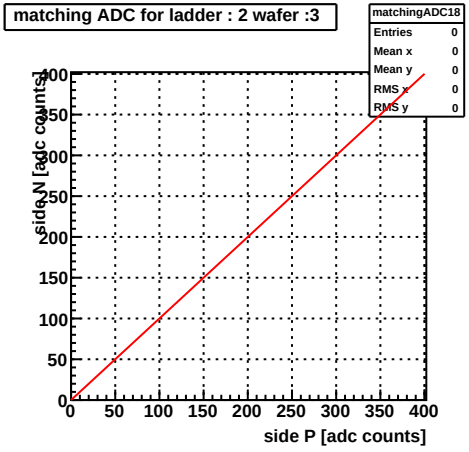

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

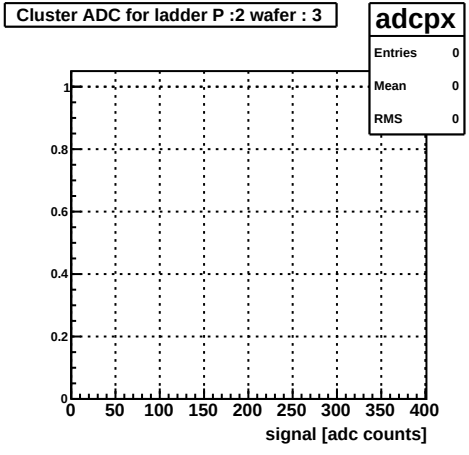

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

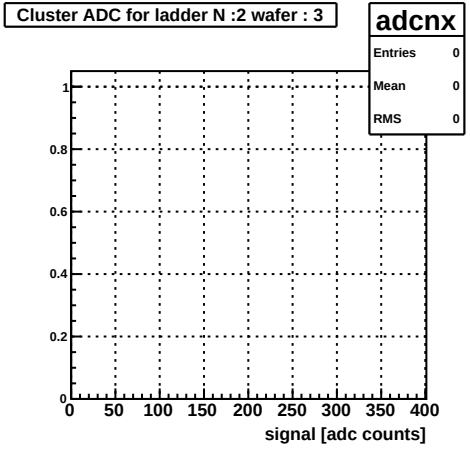

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

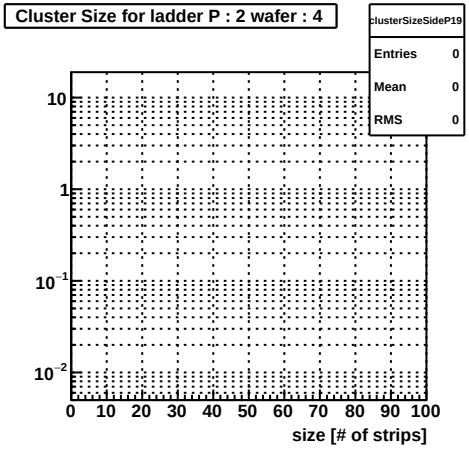

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

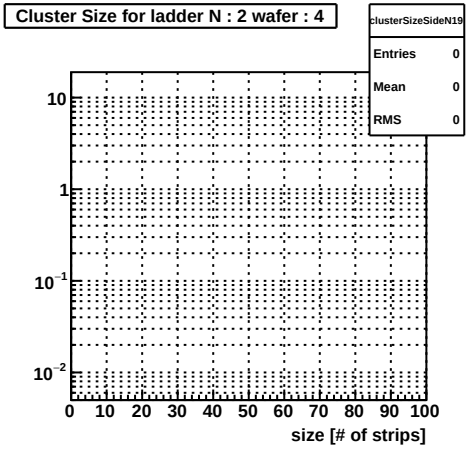

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

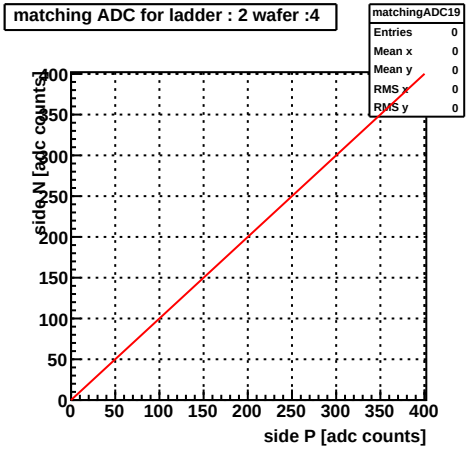

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

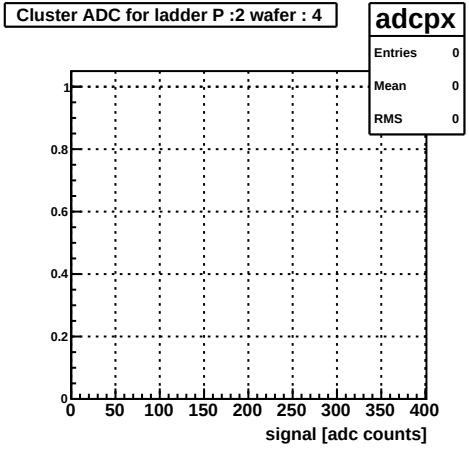

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

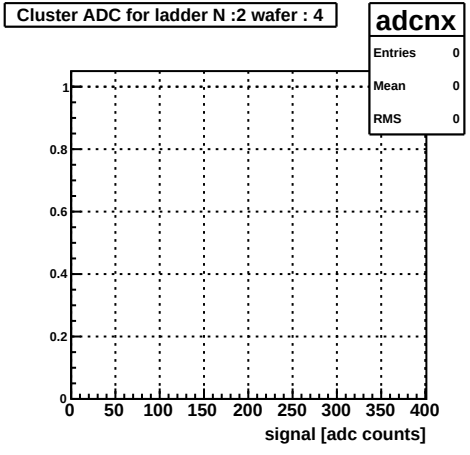

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

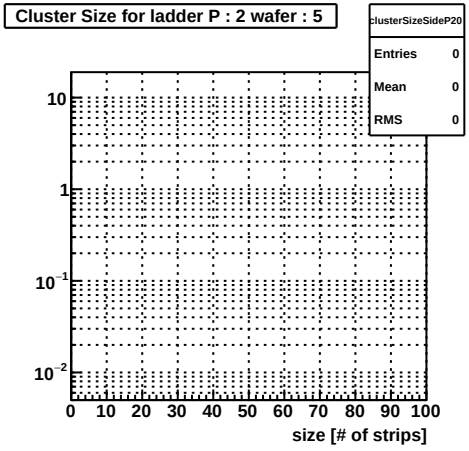

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

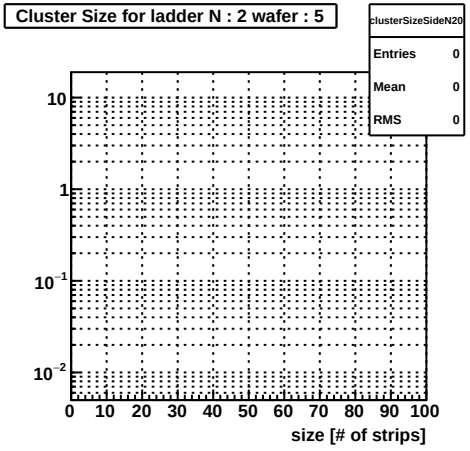

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

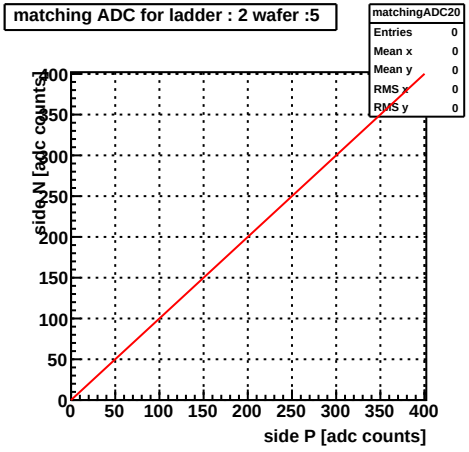

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

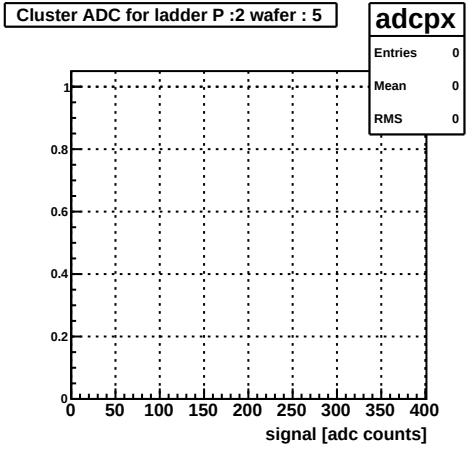

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

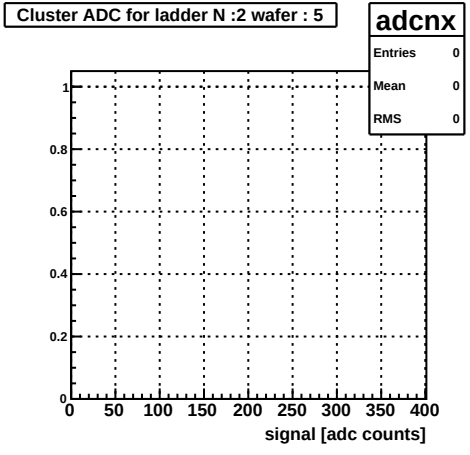

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

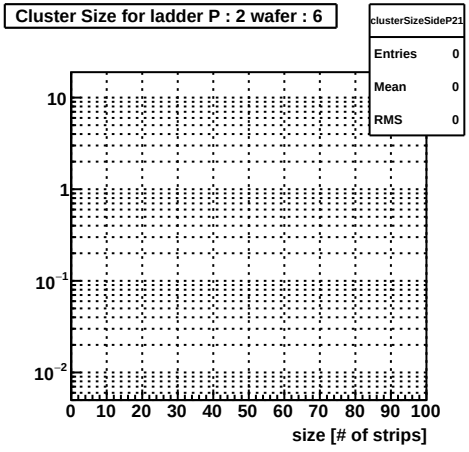

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

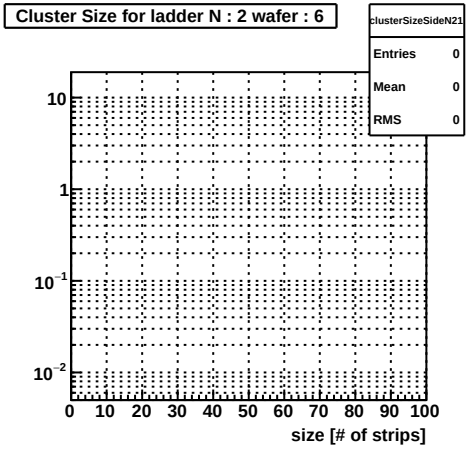

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

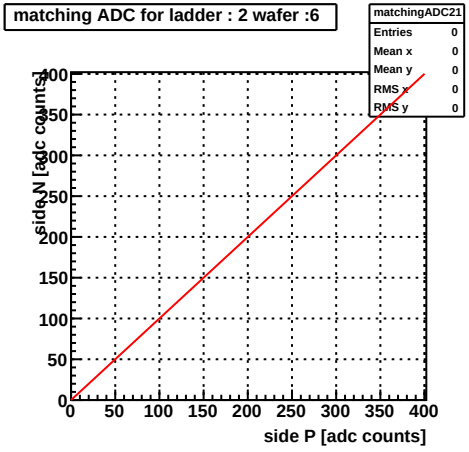

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

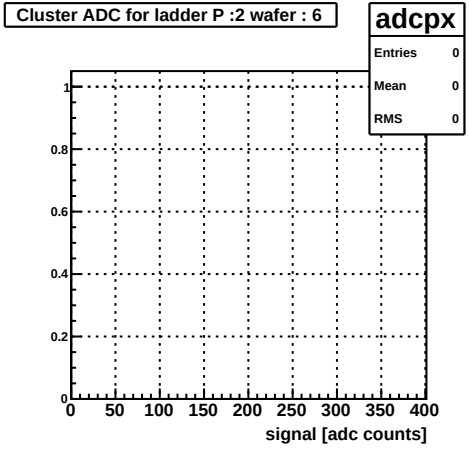

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

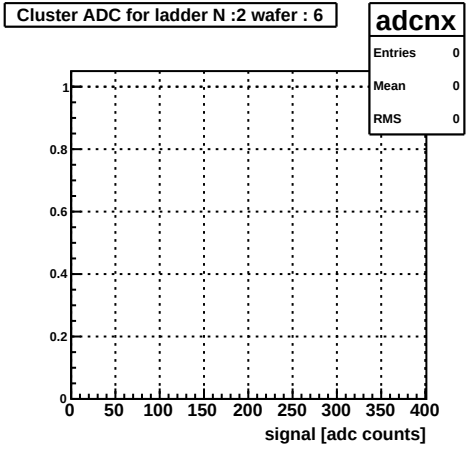

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

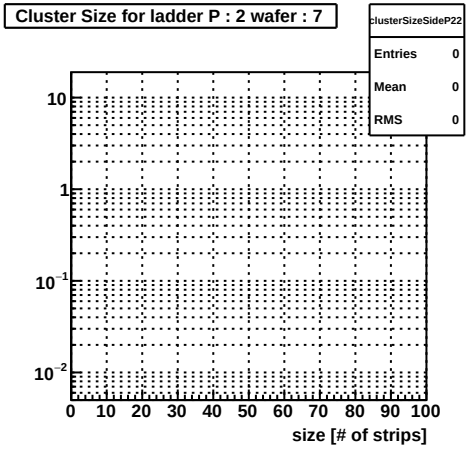

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

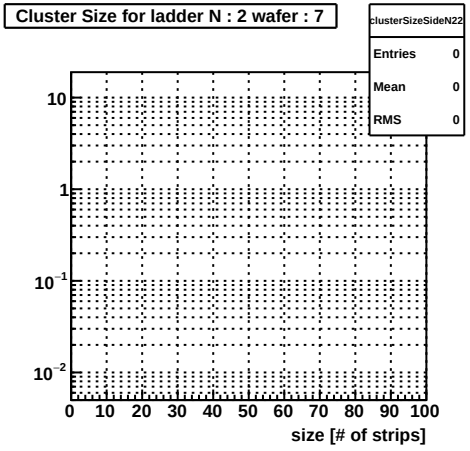

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

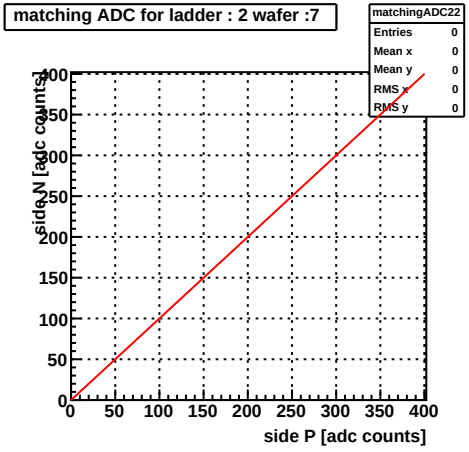

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

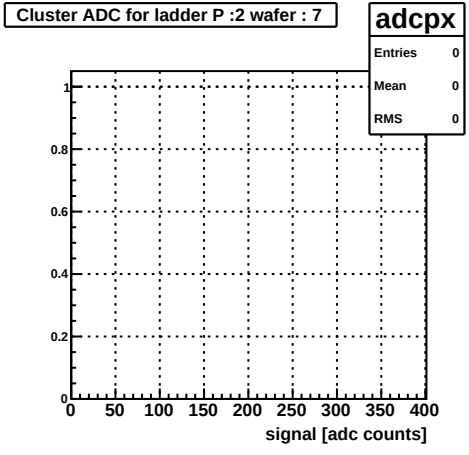

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

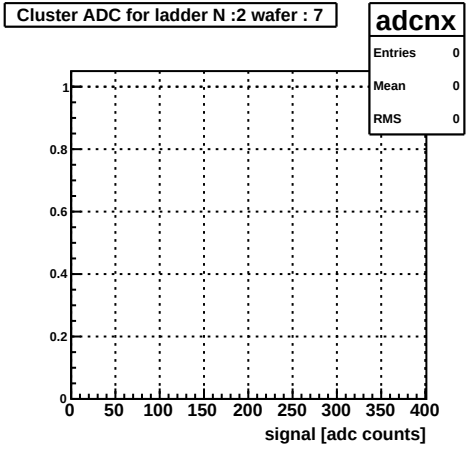

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

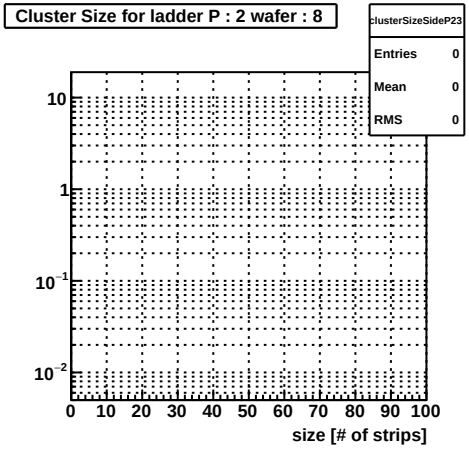

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

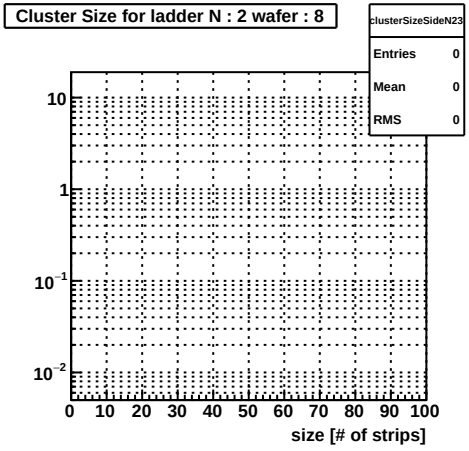

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

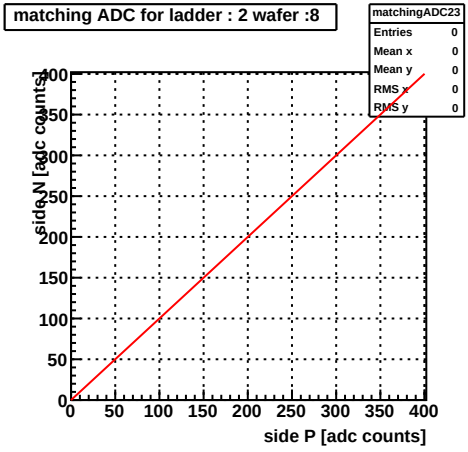

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

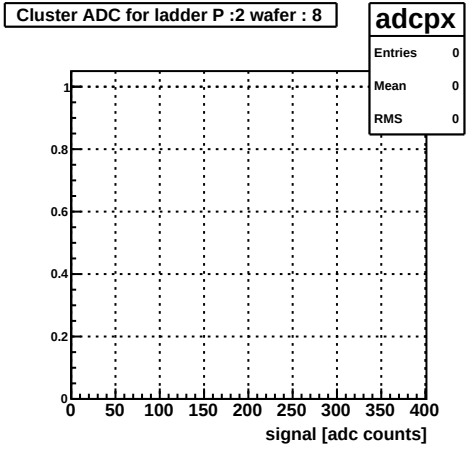

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

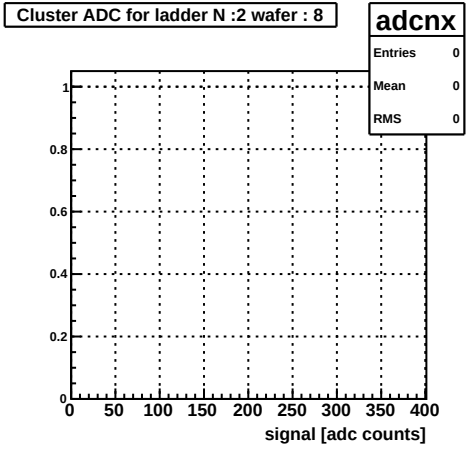

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

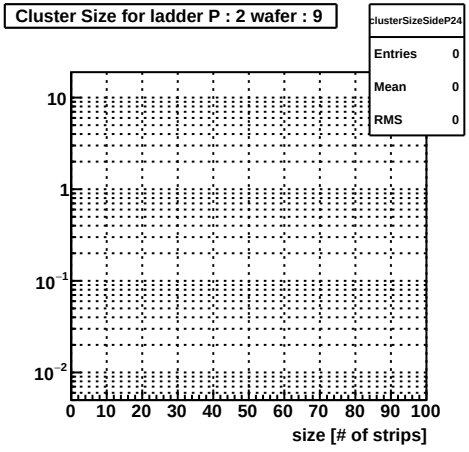

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

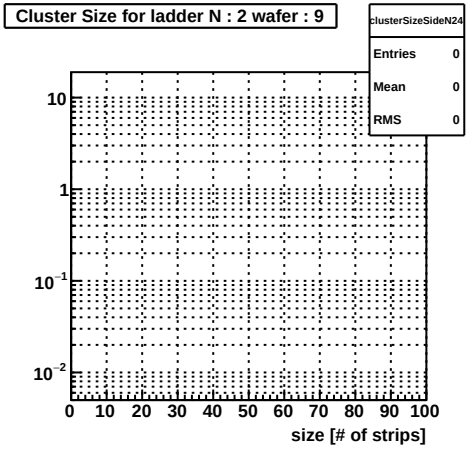

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

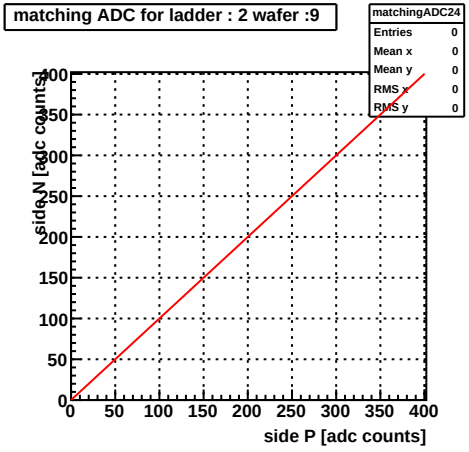

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

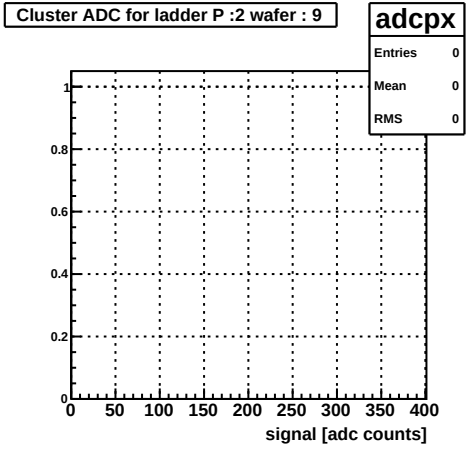

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

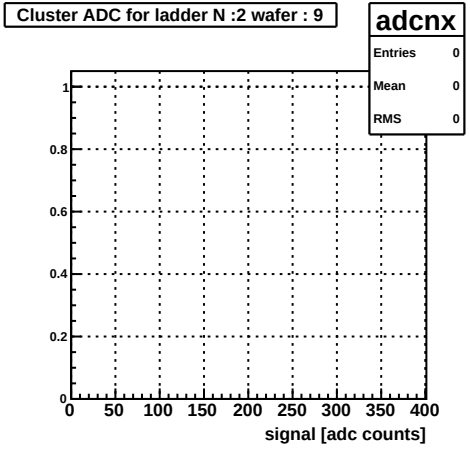

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

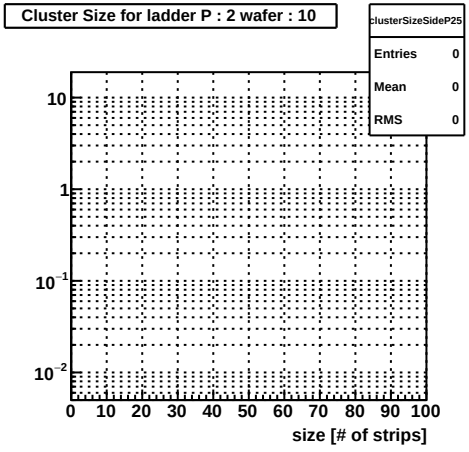

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

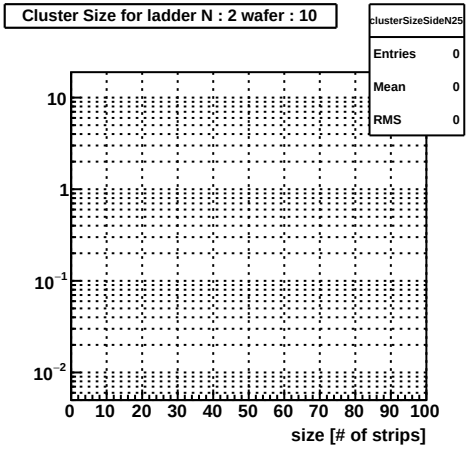

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

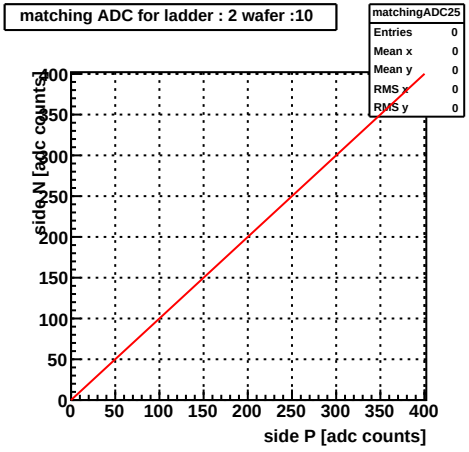

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

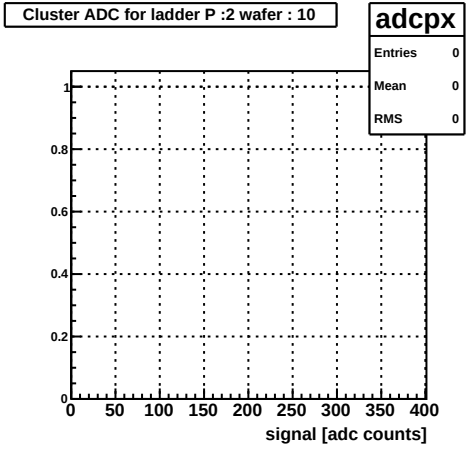

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

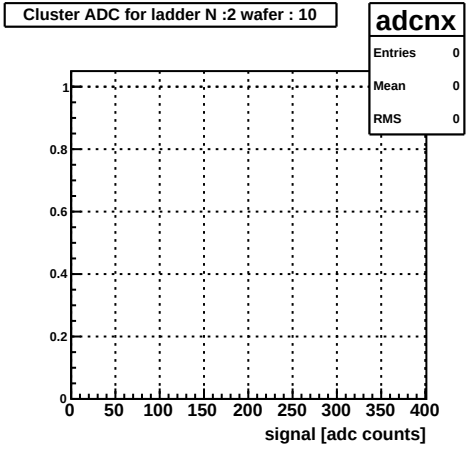

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

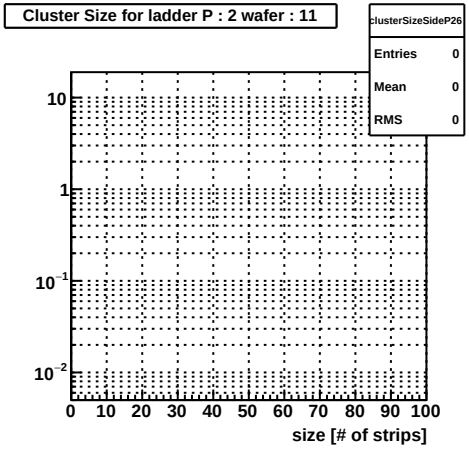

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

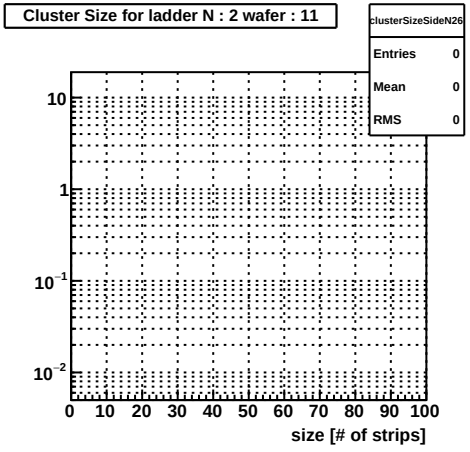

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

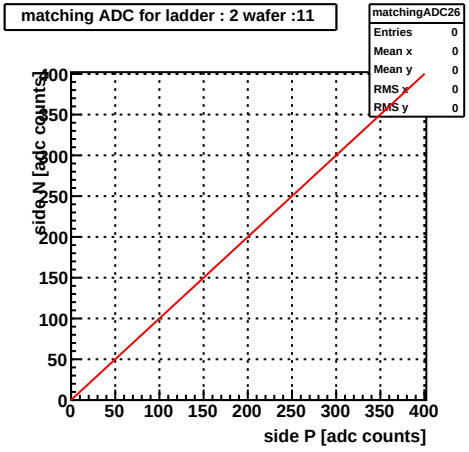

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

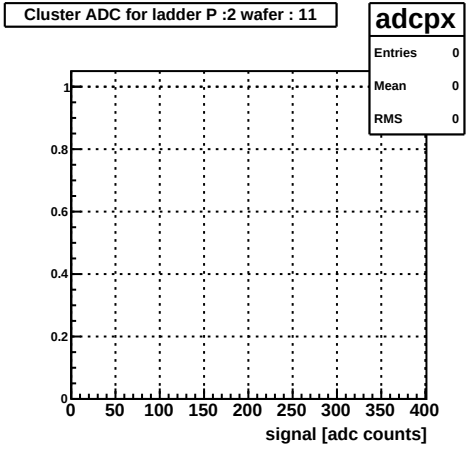

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

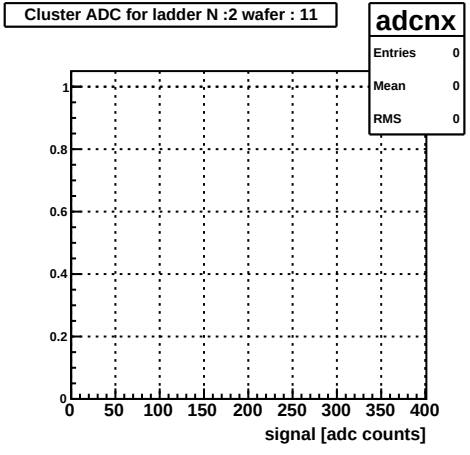

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

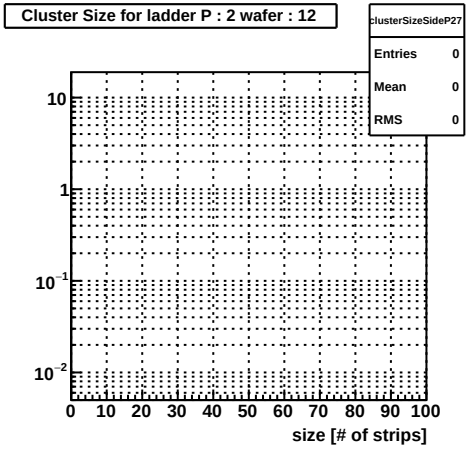

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

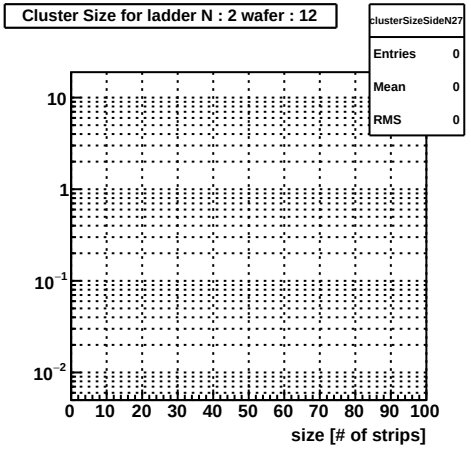

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

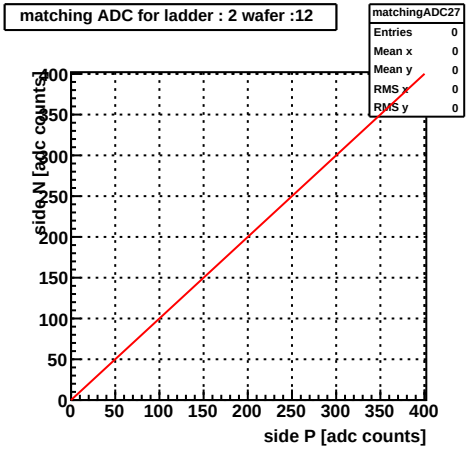

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

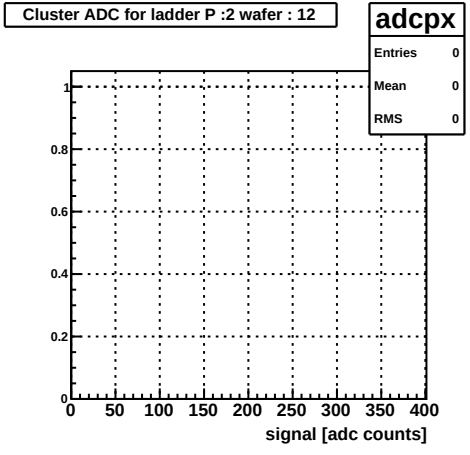

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

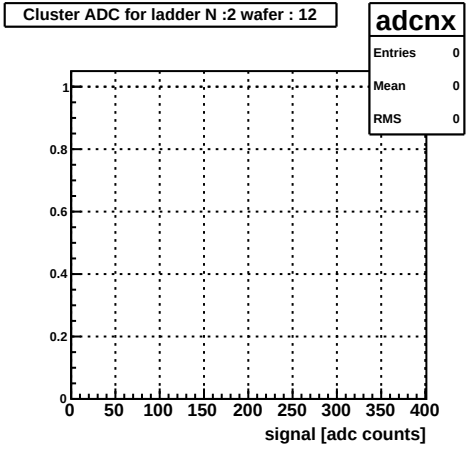

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

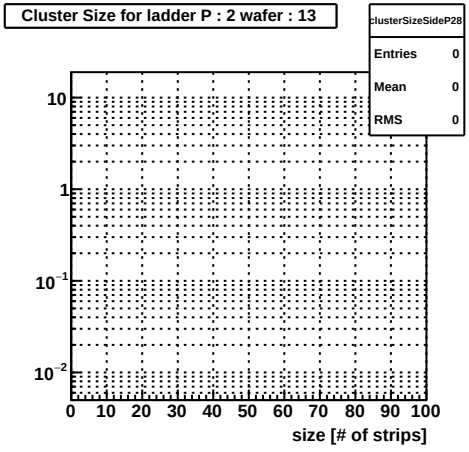

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

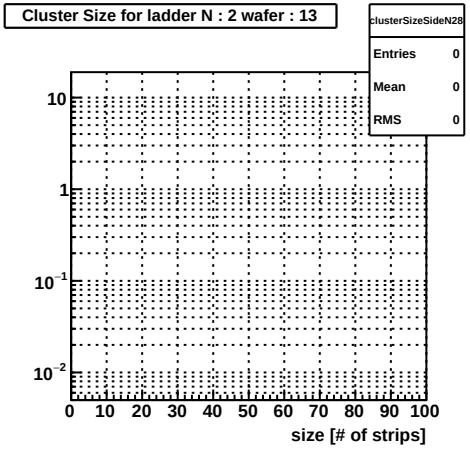

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

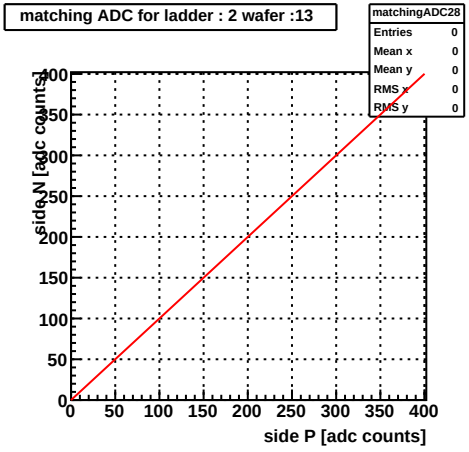

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

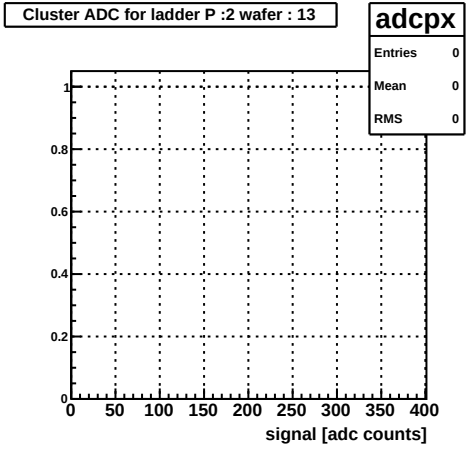

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

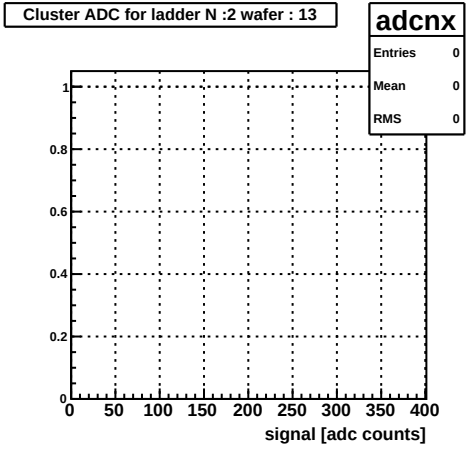

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

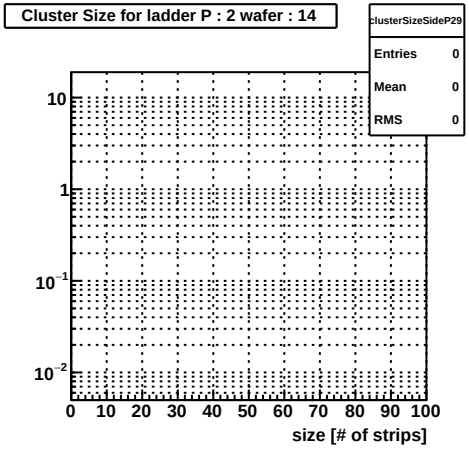

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

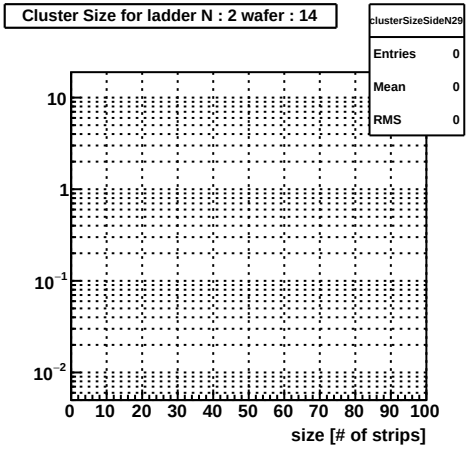

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

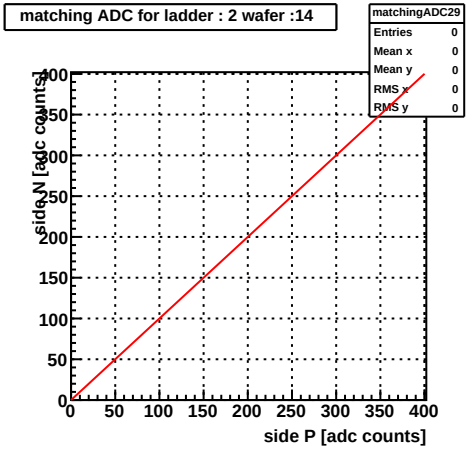

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

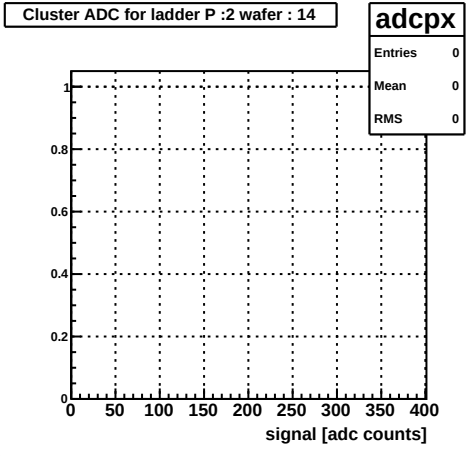

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

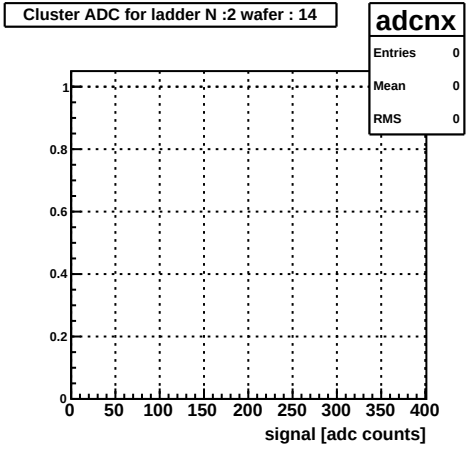

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

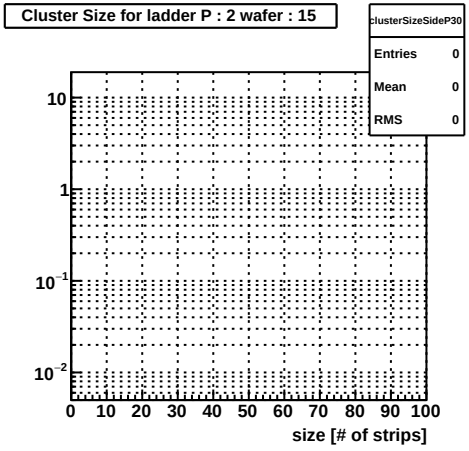

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

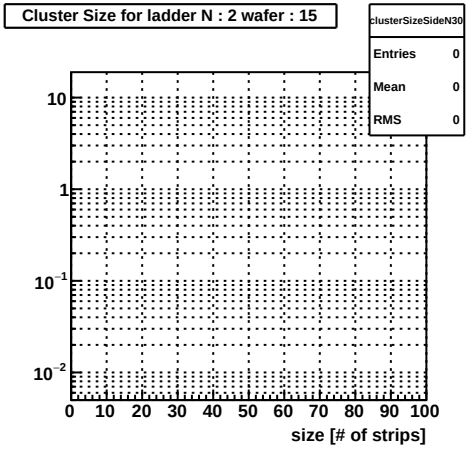

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

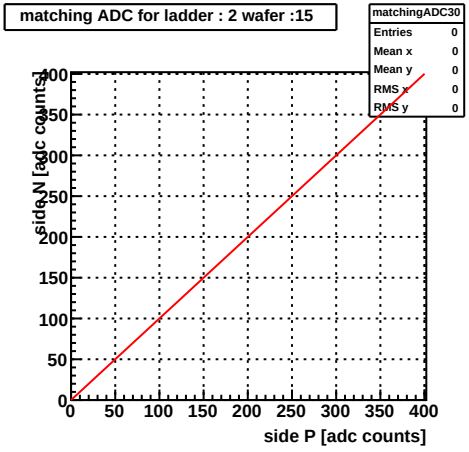

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

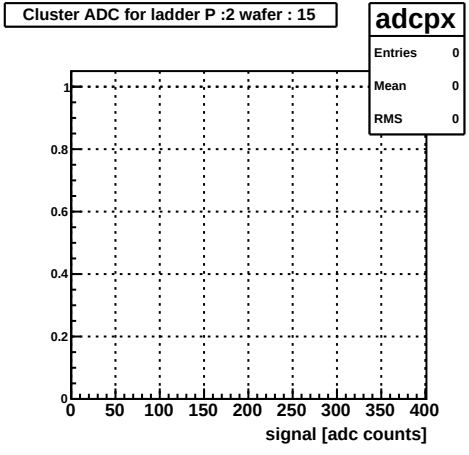

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

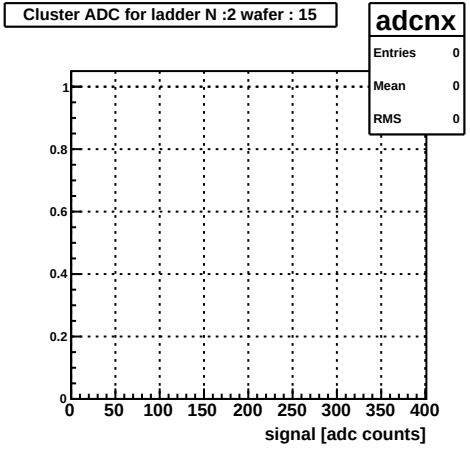

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

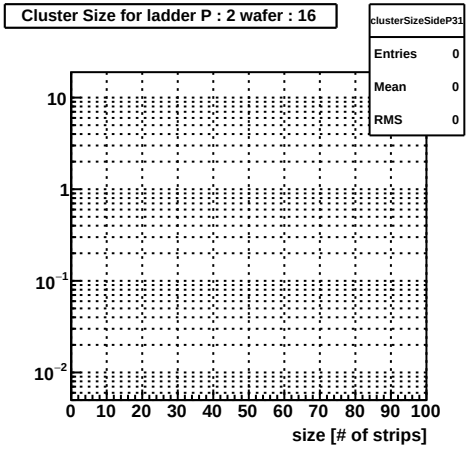

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

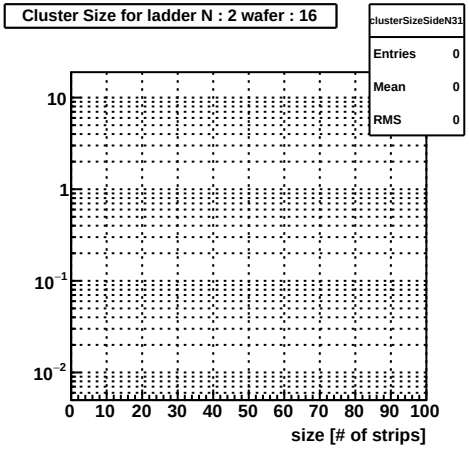

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

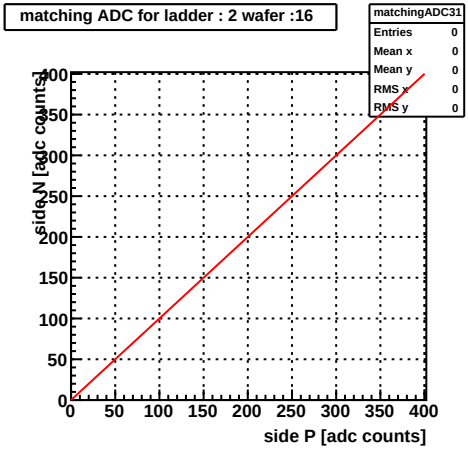

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

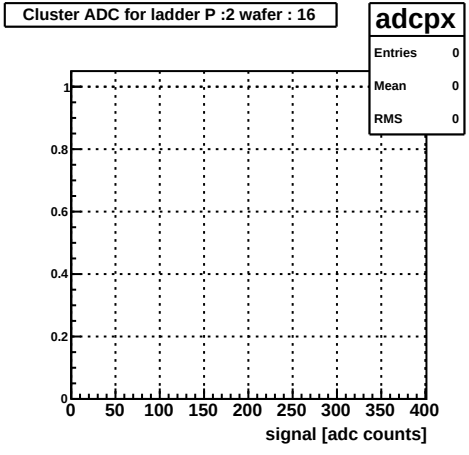

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

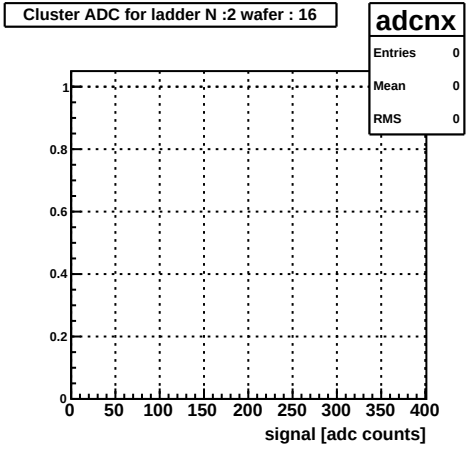

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

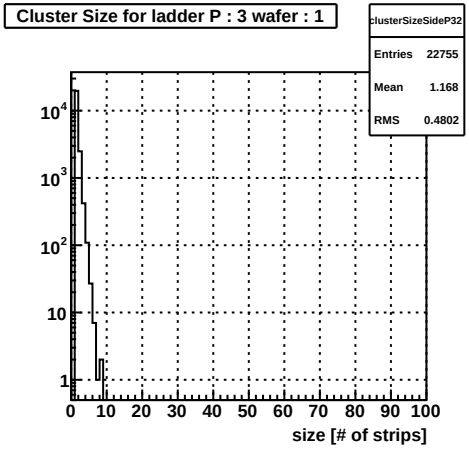

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

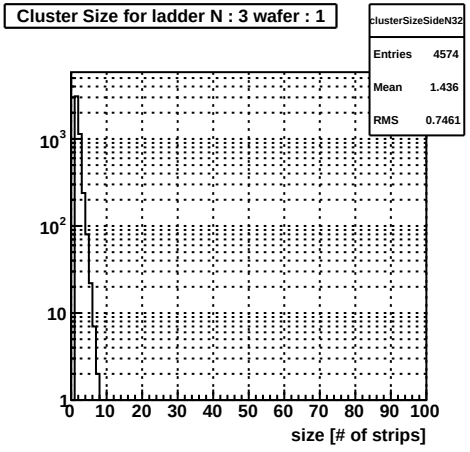

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

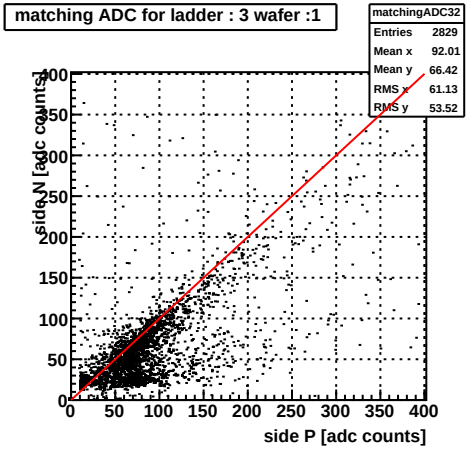

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

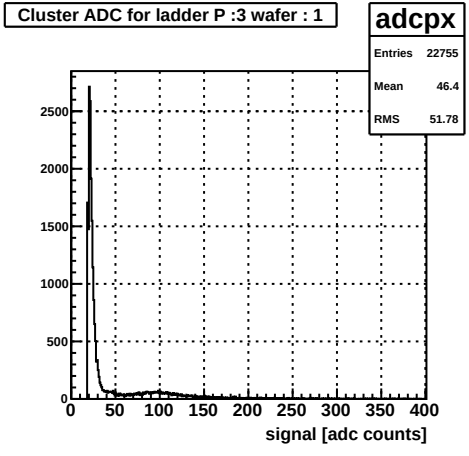

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

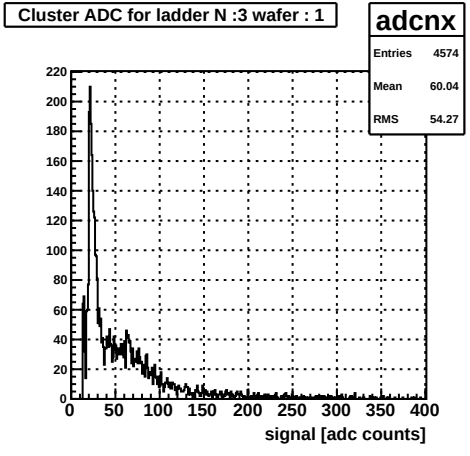

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

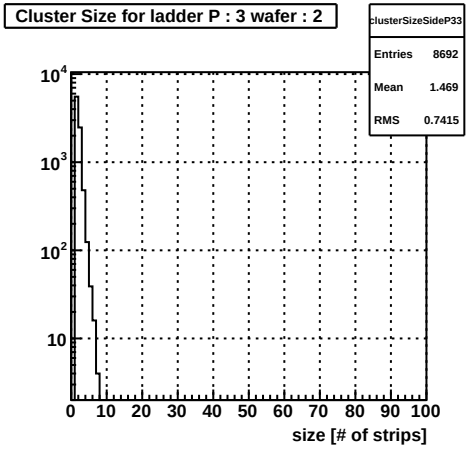

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 22755
Mean 1.168
RMS 0.4802
size [# of strips]

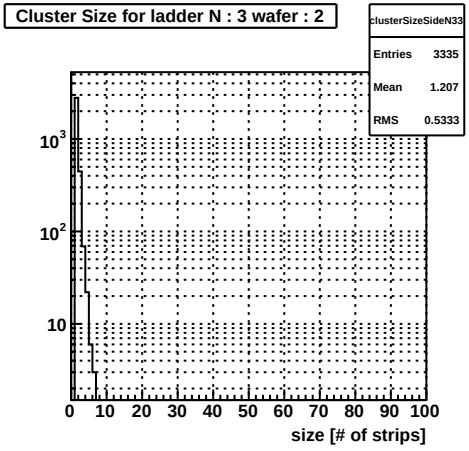

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 4574
Mean 1.436
RMS 0.7461
size [# of strips]

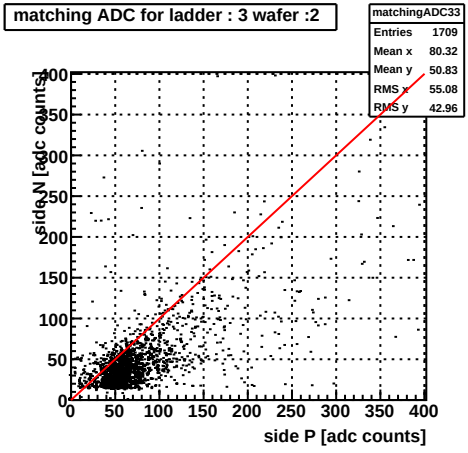

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 2829
Mean x 92.01
Mean y 66.42
RMS x 61.13
RMS y 53.52
side N [adc counts]
side P [adc counts]

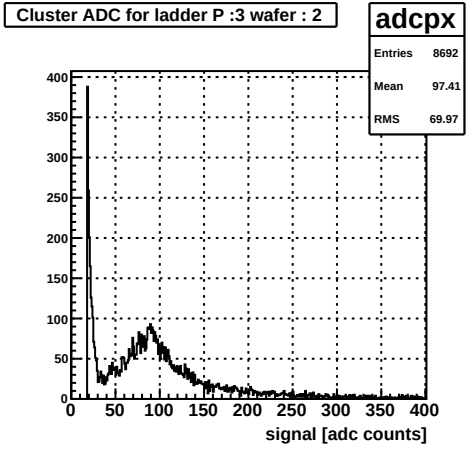

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 22755
Mean 46.4
RMS 51.78
signal [adc counts]

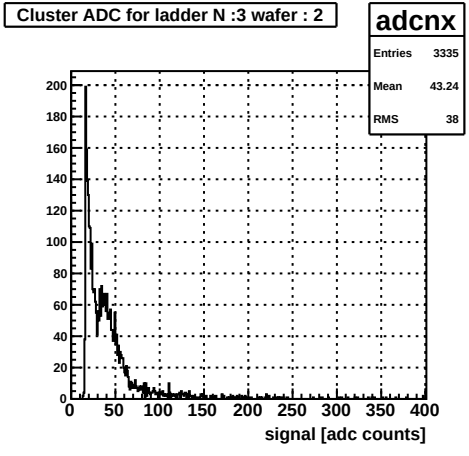

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 4574
Mean 60.04
RMS 54.27
signal [adc counts]

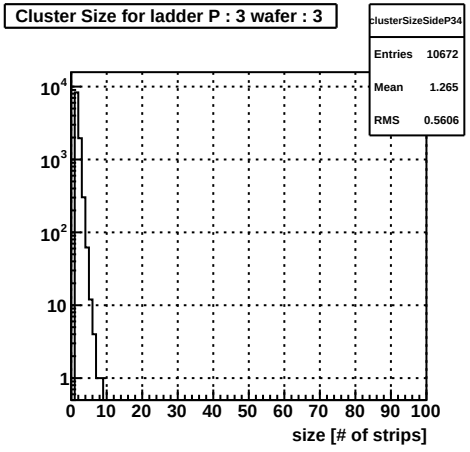

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 8692
Mean 1.469
RMS 0.7415
size [# of strips]

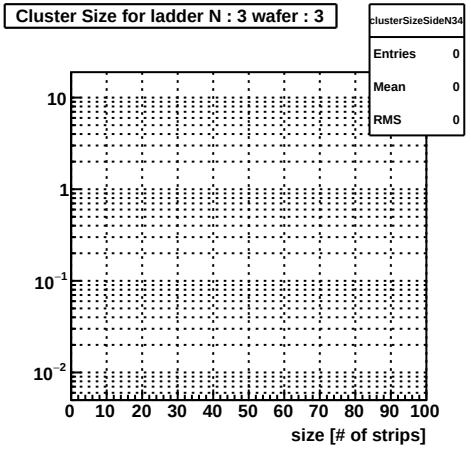

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 3335
Mean 1.207
RMS 0.5333
size [# of strips]

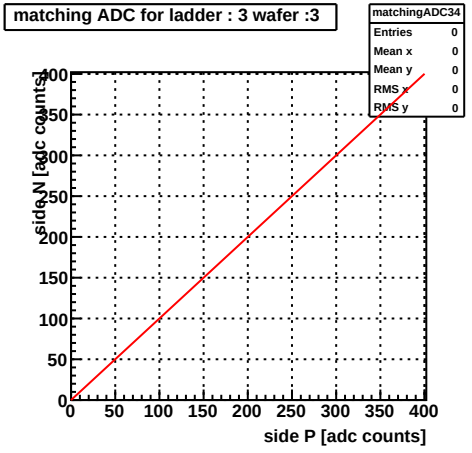

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 1709
Mean x 80.32
Mean y 50.83
RMS x 55.08
RMS y 42.96
side N [adc counts]
side P [adc counts]

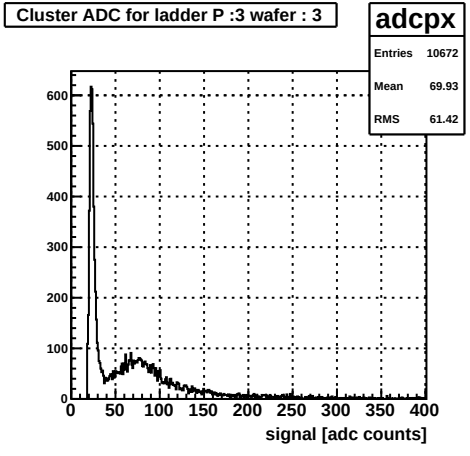

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 8692
Mean 97.41
RMS 69.97
signal [adc counts]

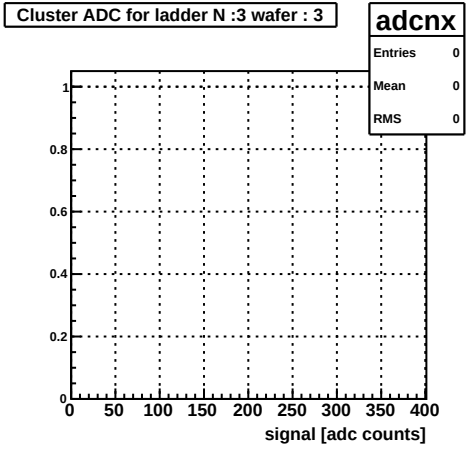

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 3335
Mean 43.24
RMS 38
signal [adc counts]

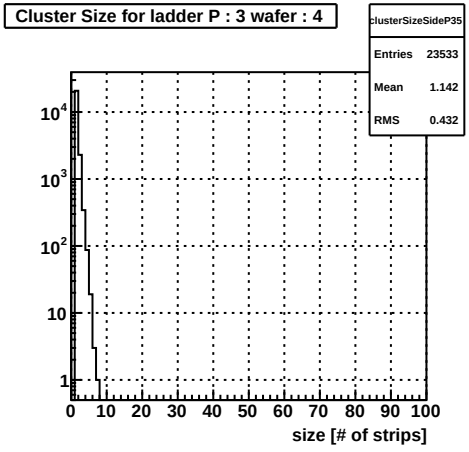

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 10672
Mean 1.265
RMS 0.5606
size [# of strips]

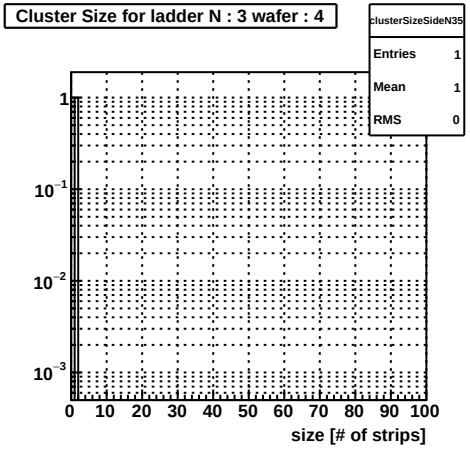

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

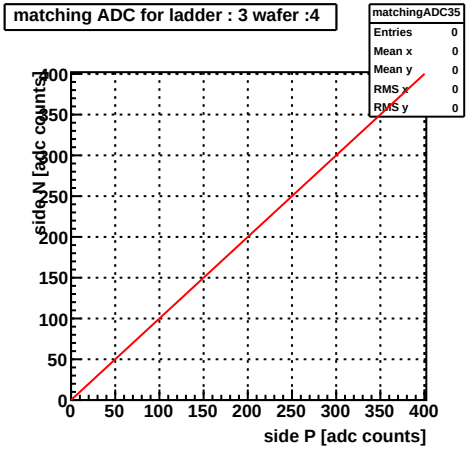

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

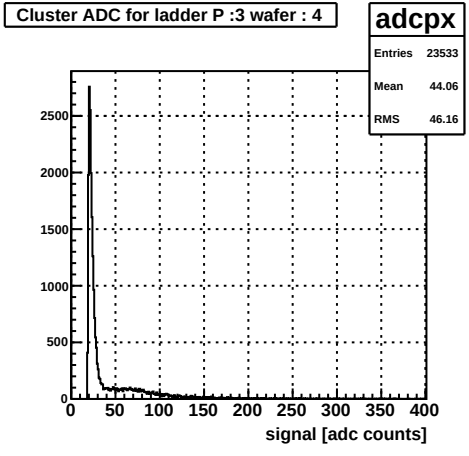

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 10672
Mean 69.93
RMS 61.42
signal [adc counts]

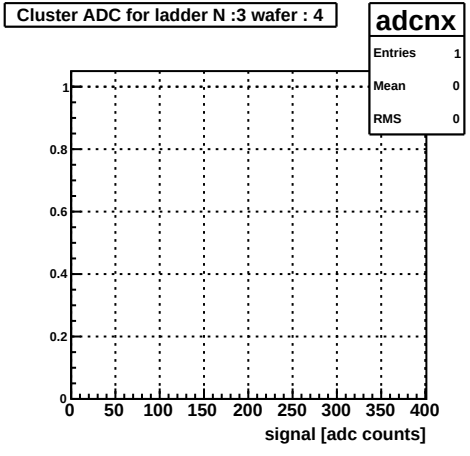

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

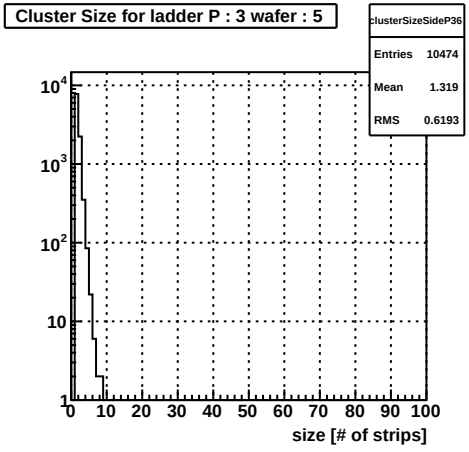

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 23533
Mean 1.142
RMS 0.432
size [# of strips]

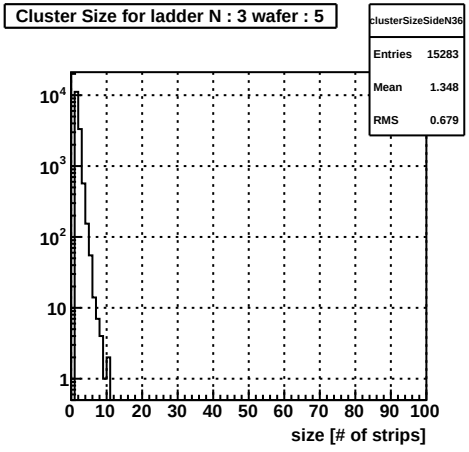

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 1
Mean 1
RMS 0
size [# of strips]

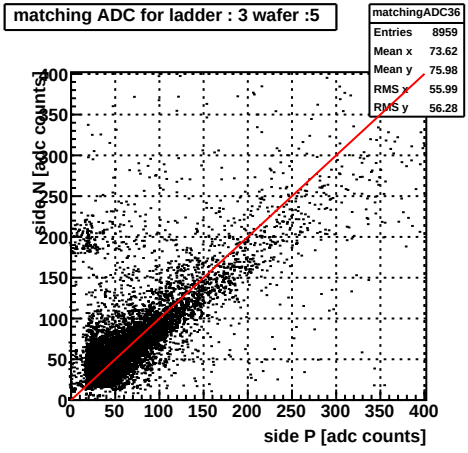

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

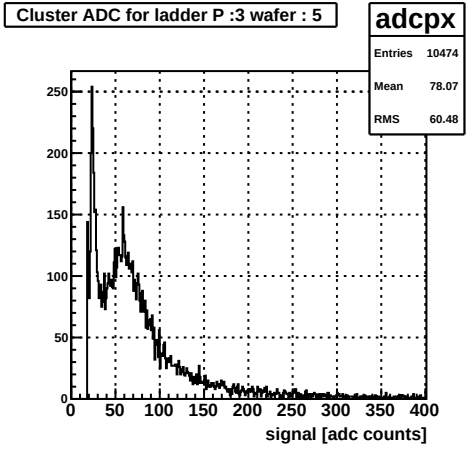

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 23533
Mean 44.06
RMS 46.16
signal [adc counts]

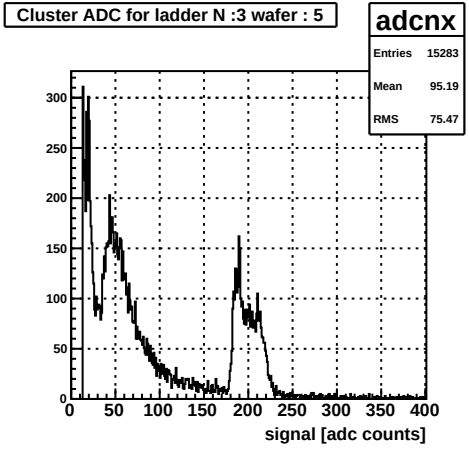

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

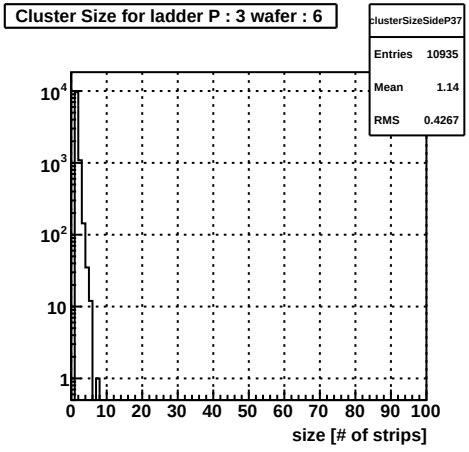

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 10474
Mean 1.319
RMS 0.6193
size [# of strips]

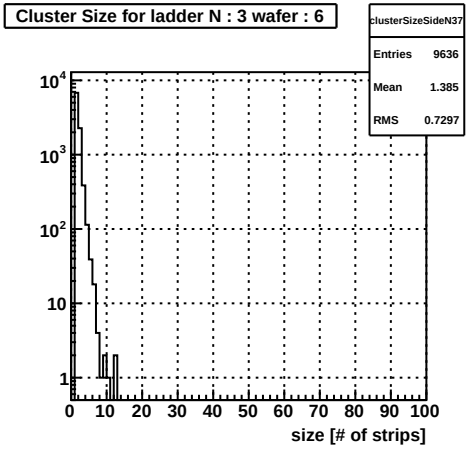

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 15283
Mean 1.348
RMS 0.679
size [# of strips]

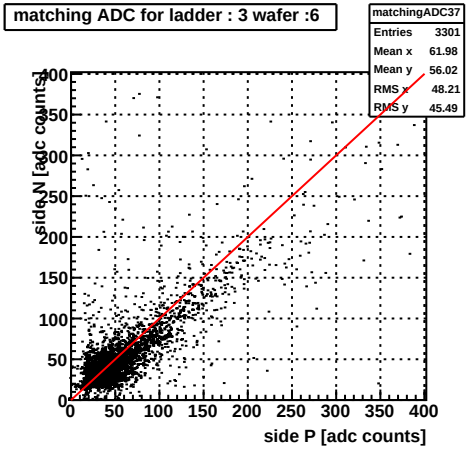

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 8959
Mean x 73.62
Mean y 75.98
RMS x 55.99
RMS y 56.28
side N [adc counts]
side P [adc counts]

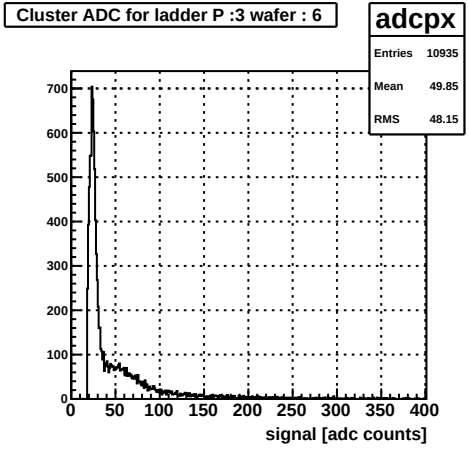

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 10474
Mean 78.07
RMS 60.48
signal [adc counts]

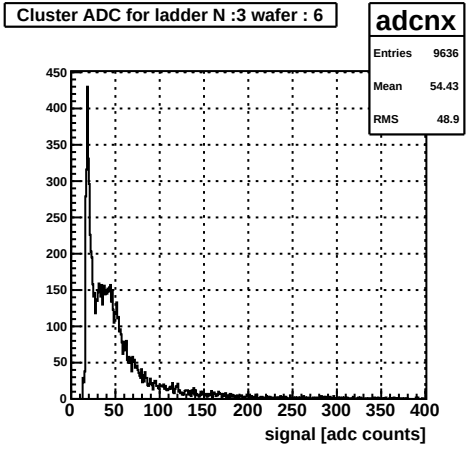

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 15283
Mean 95.19
RMS 75.47
signal [adc counts]

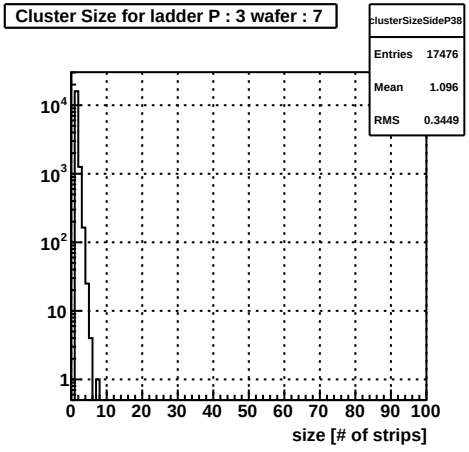

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 10935
Mean 1.14
RMS 0.4267
size [# of strips]

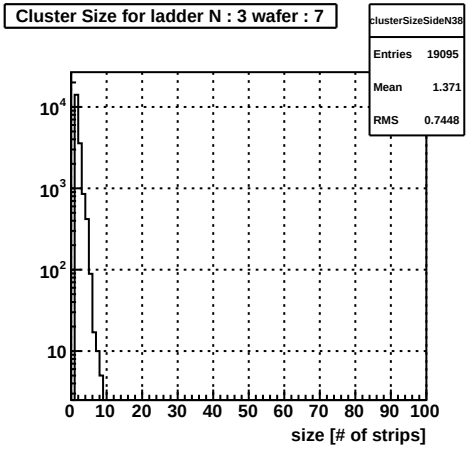

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 9636
Mean 1.385
RMS 0.7297
size [# of strips]

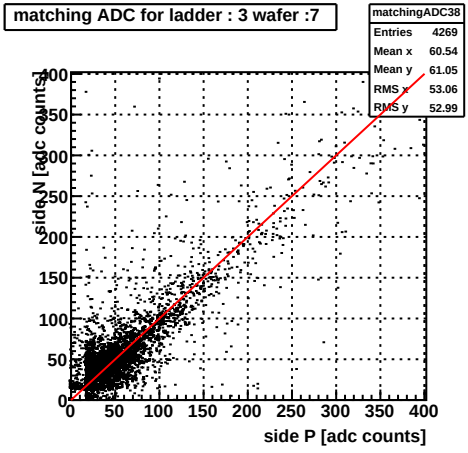

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 3301
Mean x 61.98
Mean y 56.02
RMS x 48.21
RMS y 45.49
side N [adc counts]
side P [adc counts]

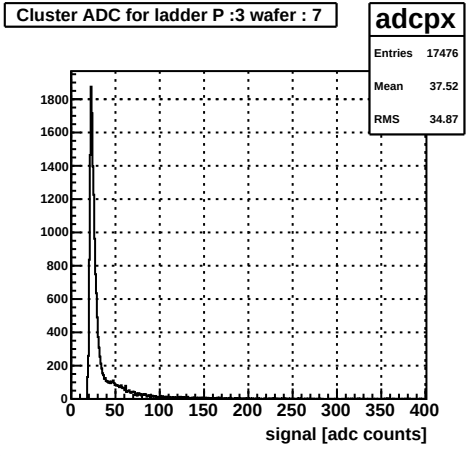

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 10935
Mean 49.85
RMS 48.15
signal [adc counts]

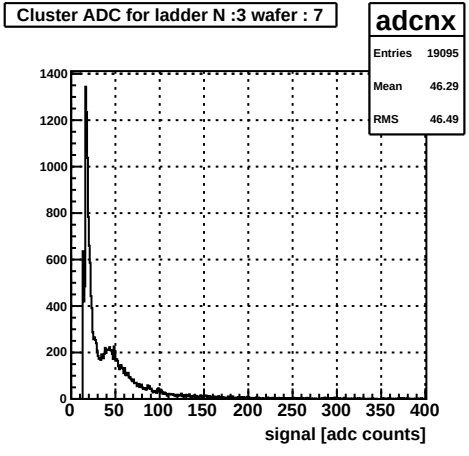

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 9636
Mean 54.43
RMS 48.9
signal [adc counts]

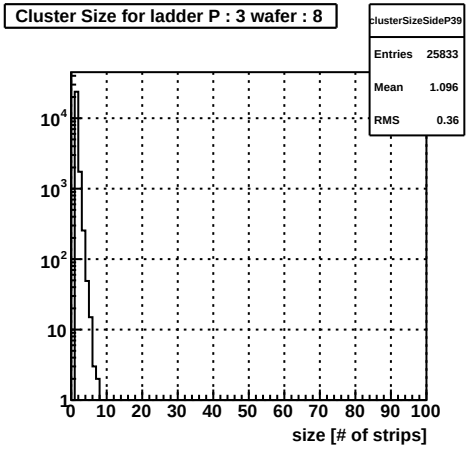

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 17476
Mean 1.096
RMS 0.3449
size [# of strips]

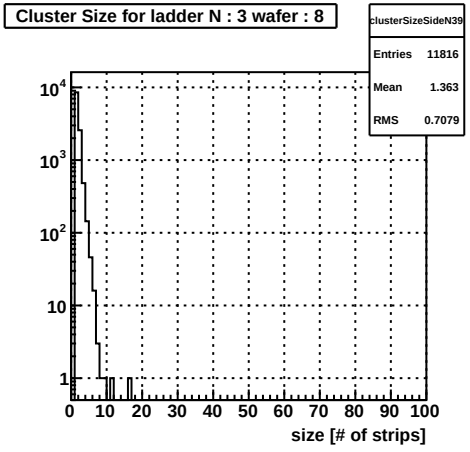

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 19095
Mean 1.371
RMS 0.7448
size [# of strips]

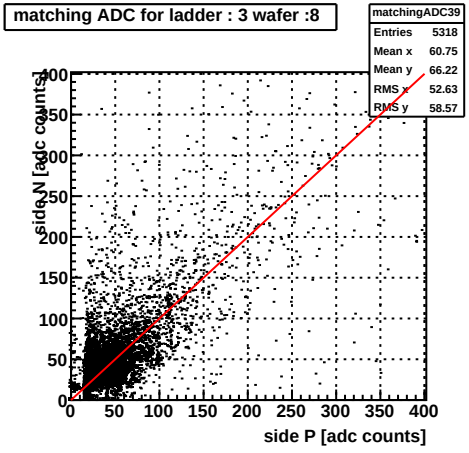

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 4269
Mean x 60.54
Mean y 61.05
RMS x 53.06
RMS y 52.99
side N [adc counts]
side P [adc counts]

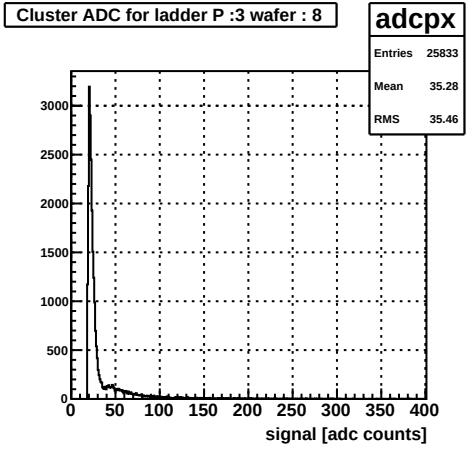

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 17476
Mean 37.52
RMS 34.87
signal [adc counts]

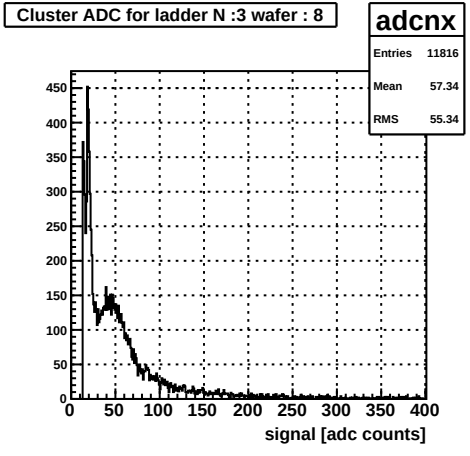

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 19095
Mean 46.29
RMS 46.49
signal [adc counts]

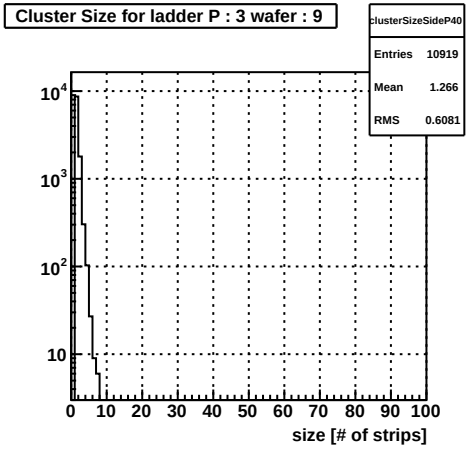

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 25833
Mean 1.096
RMS 0.36
size [# of strips]

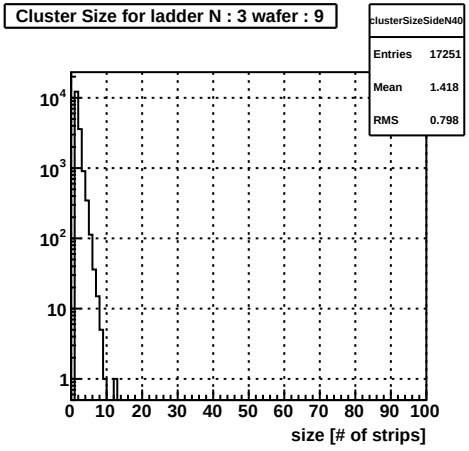

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 11816
Mean 1.363
RMS 0.7079
size [# of strips]

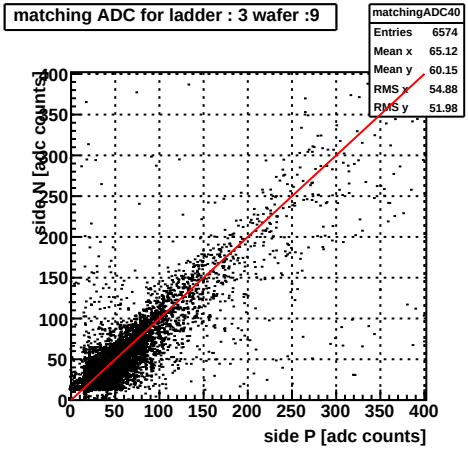

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 5318
Mean x 60.75
Mean y 66.22
RMS x 52.63
RMS y 58.57
side N [adc counts]
side P [adc counts]

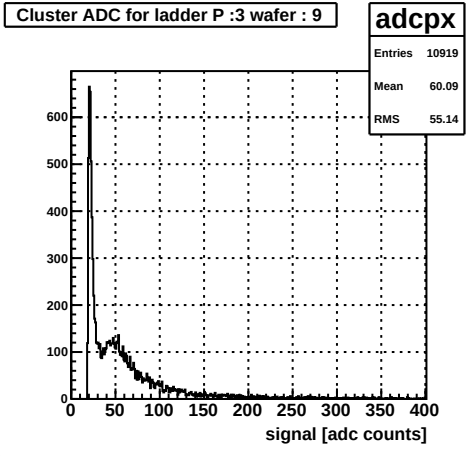

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 25833
Mean 35.28
RMS 35.46
signal [adc counts]

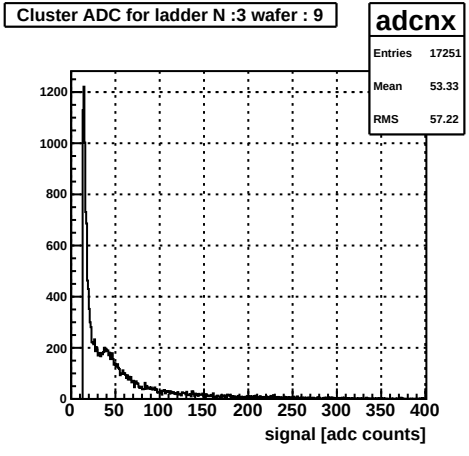

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 11816
Mean 57.34
RMS 55.34
signal [adc counts]

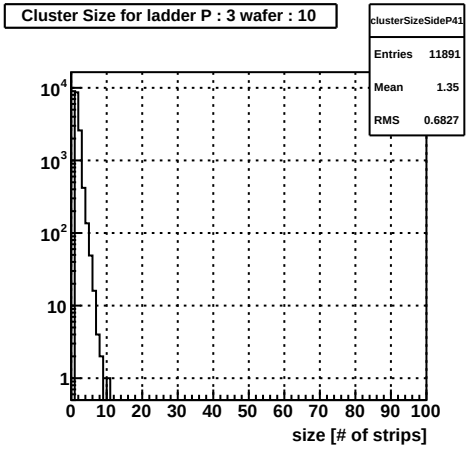

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 10919
Mean 1.266
RMS 0.6081
size [# of strips]

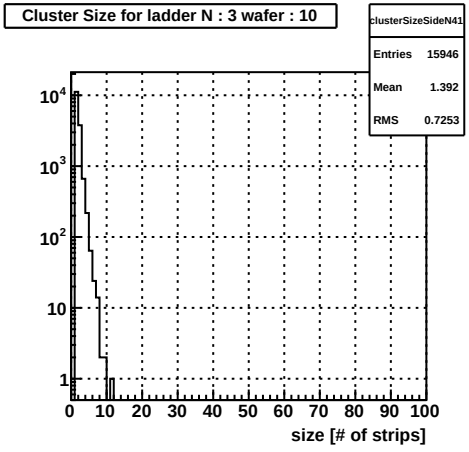

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 17251
Mean 1.418
RMS 0.798
size [# of strips]

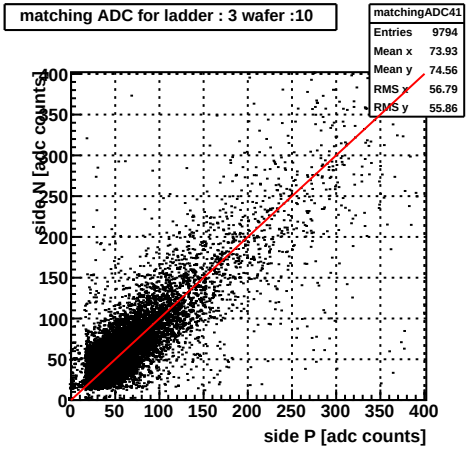

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 6574
Mean x 65.12
Mean y 60.15
RMS x 54.88
RMS y 51.98
side N [adc counts]
side P [adc counts]

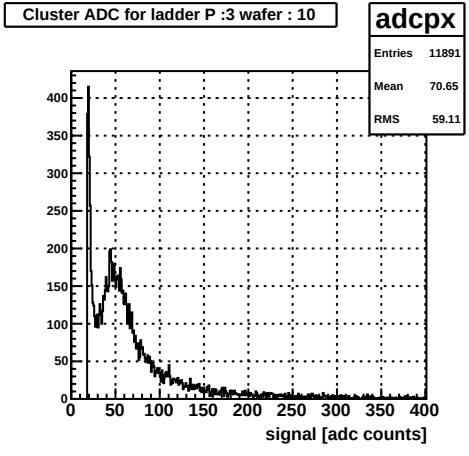

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 10919
Mean 60.09
RMS 55.14
signal [adc counts]

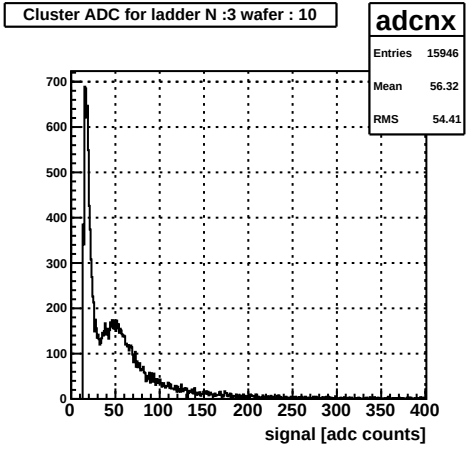

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 17251
Mean 53.33
RMS 57.22
signal [adc counts]

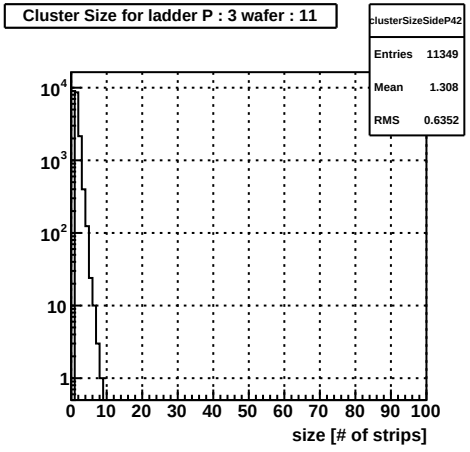

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 11891
Mean 1.35
RMS 0.6827
size [# of strips]

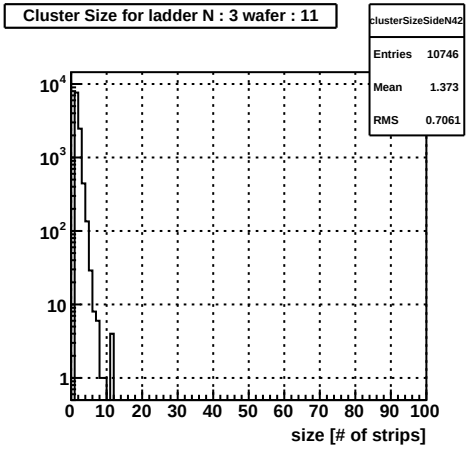

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 15946
Mean 1.392
RMS 0.7253
size [# of strips]

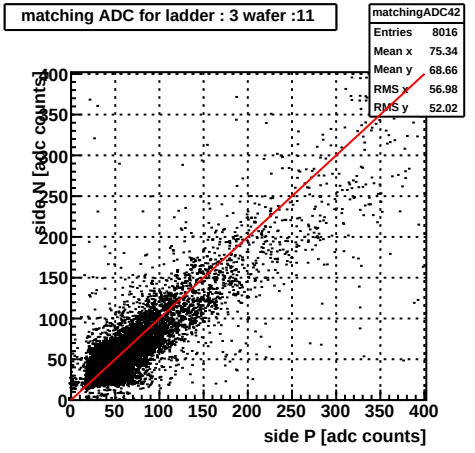

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 9794
Mean x 73.93
Mean y 74.56
RMS x 56.79
RMS y 55.86
side N [adc counts]
side P [adc counts]

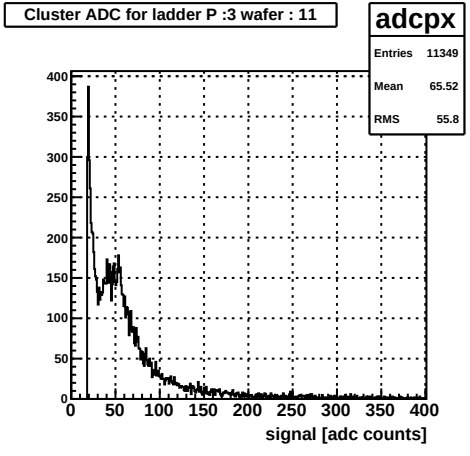

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 11891
Mean 70.65
RMS 59.11
signal [adc counts]

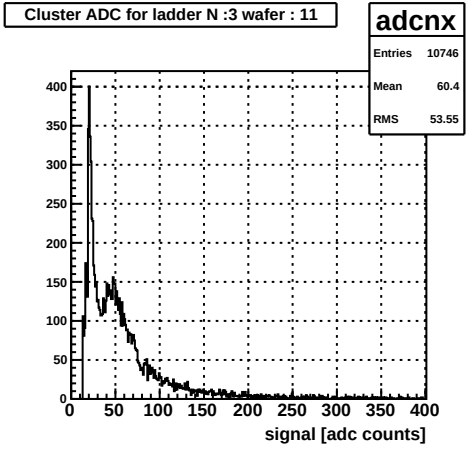

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 15946
Mean 56.32
RMS 54.41
signal [adc counts]

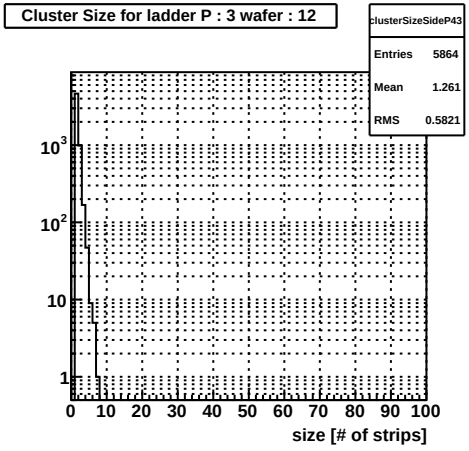

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 11349
Mean 1.308
RMS 0.6352
size [# of strips]

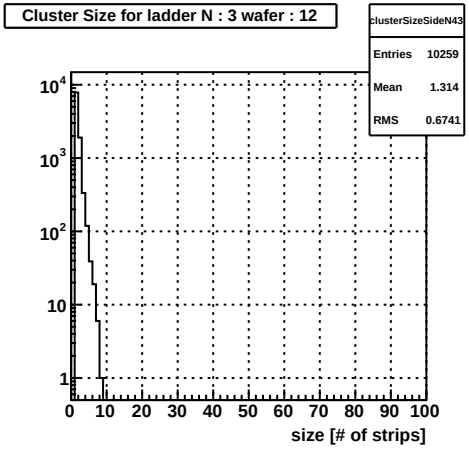

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 10746
Mean 1.373
RMS 0.7061
size [# of strips]

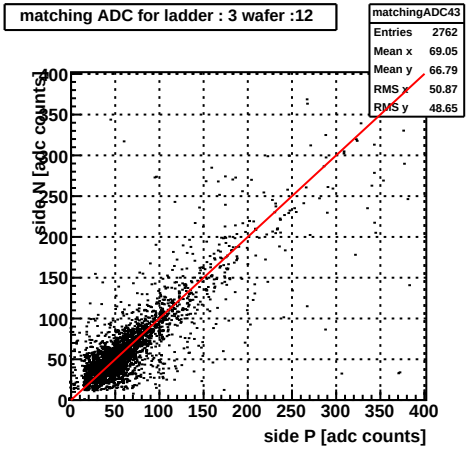

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 8016
Mean x 75.34
Mean y 68.66
RMS x 56.98
RMS y 52.02
side N [adc counts]
side P [adc counts]

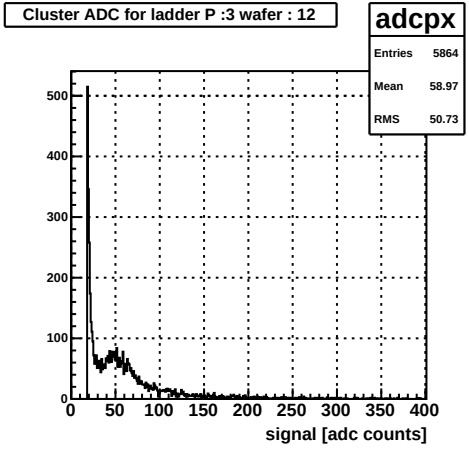

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 11349
Mean 65.52
RMS 55.8
signal [adc counts]

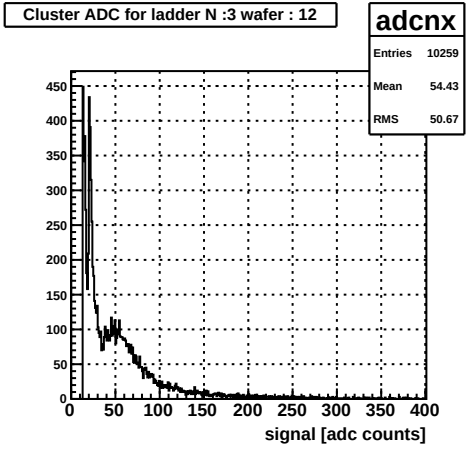

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 10746
Mean 60.4
RMS 53.55
signal [adc counts]

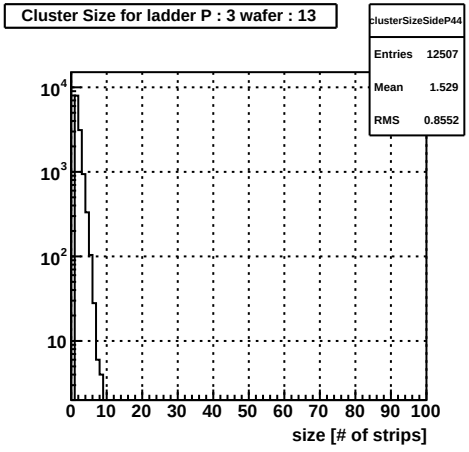

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 5864
Mean 1.261
RMS 0.5821
size [# of strips]

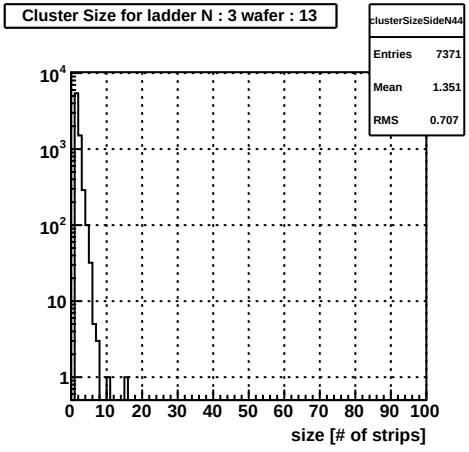

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 10259
Mean 1.314
RMS 0.6741
size [# of strips]

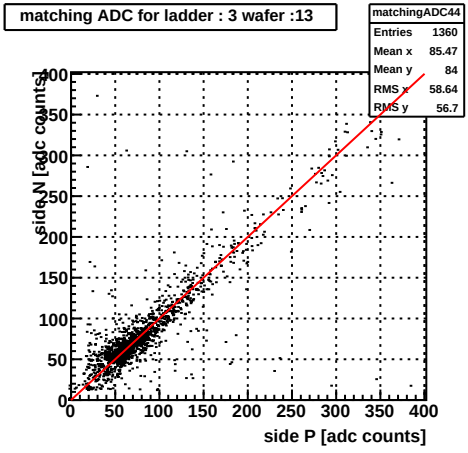

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 2762
Mean x 69.05
Mean y 66.79
RMS x 50.87
RMS y 48.65
side N [adc counts]
side P [adc counts]

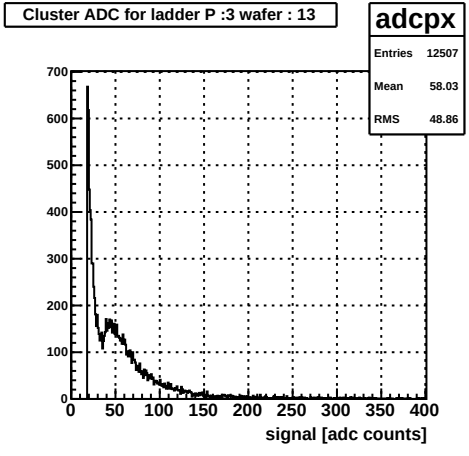

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 5864
Mean 58.97
RMS 50.73
signal [adc counts]

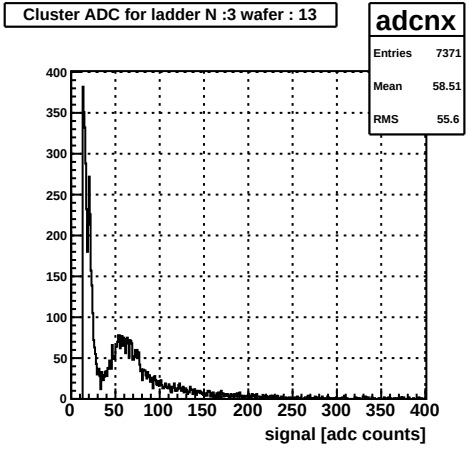

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 10259
Mean 54.43
RMS 50.67
signal [adc counts]

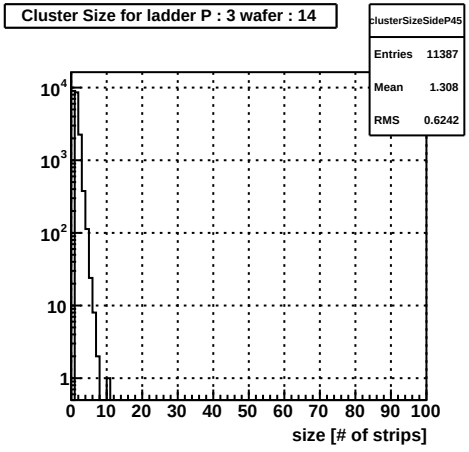

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 12507
Mean 1.529
RMS 0.8552
size [# of strips]

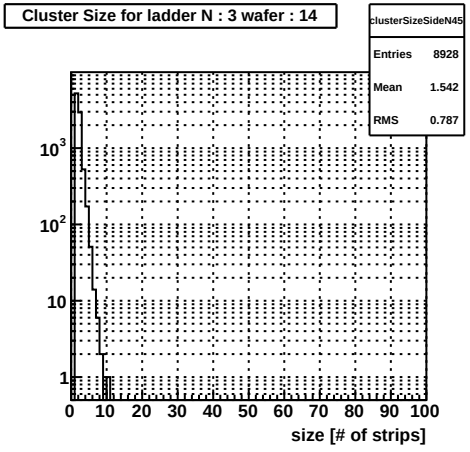

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 7371
Mean 1.351
RMS 0.707
size [# of strips]

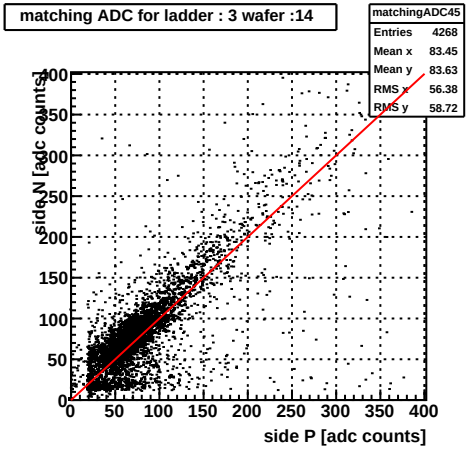

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 1360
Mean x 85.47
Mean y 84
RMS x 58.64
RMS y 56.7
side N [adc counts]
side P [adc counts]

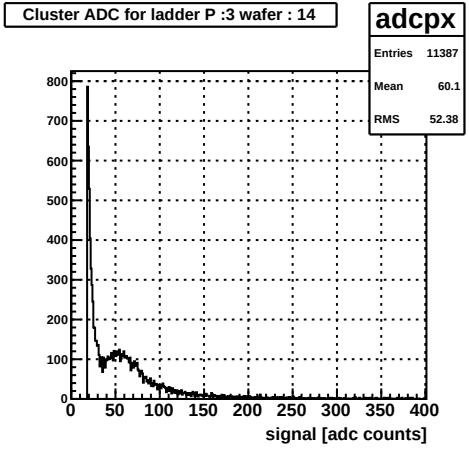

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 12507
Mean 58.03
RMS 48.86
signal [adc counts]

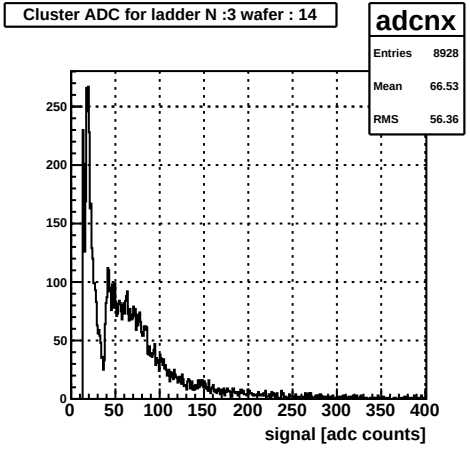

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 7371
Mean 58.51
RMS 55.6
signal [adc counts]

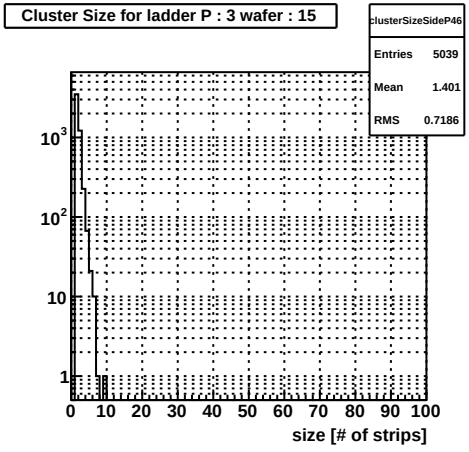

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 11387
Mean 1.308
RMS 0.6242
size [# of strips]

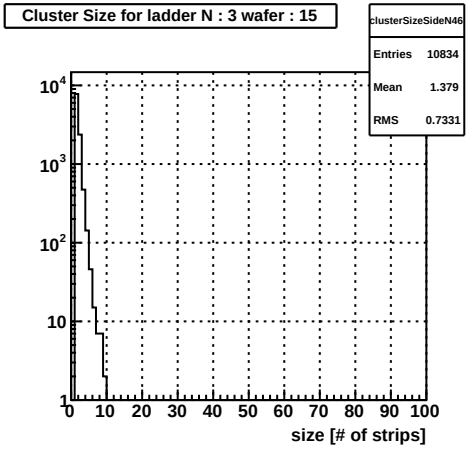

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 8928
Mean 1.542
RMS 0.787
size [# of strips]

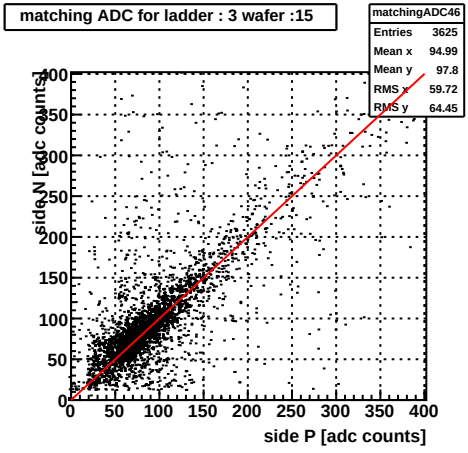

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 4268
Mean x 83.45
Mean y 83.63
RMS x 56.38
RMS y 58.72
side N [adc counts]
side P [adc counts]

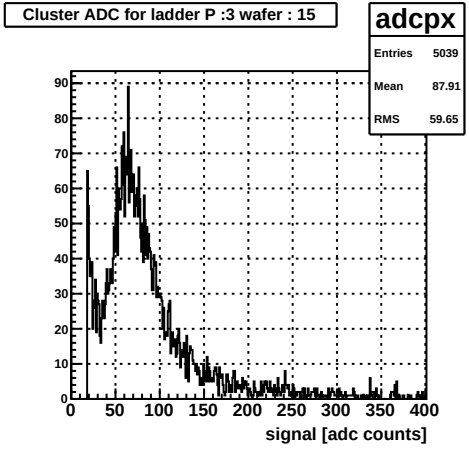

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 11387
Mean 60.1
RMS 52.38
signal [adc counts]

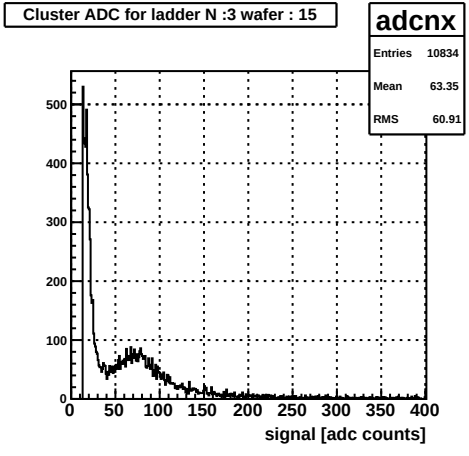

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 8928
Mean 66.53
RMS 56.36
signal [adc counts]

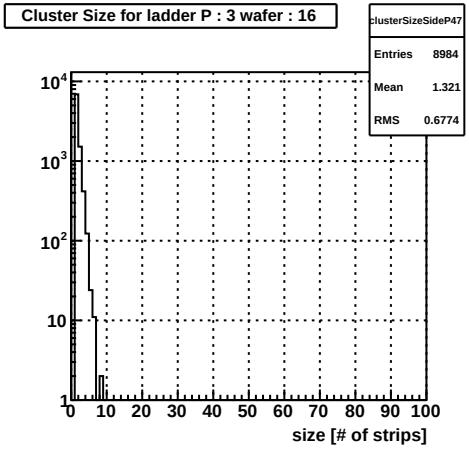

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 5039
Mean 1.401
RMS 0.7186
size [# of strips]

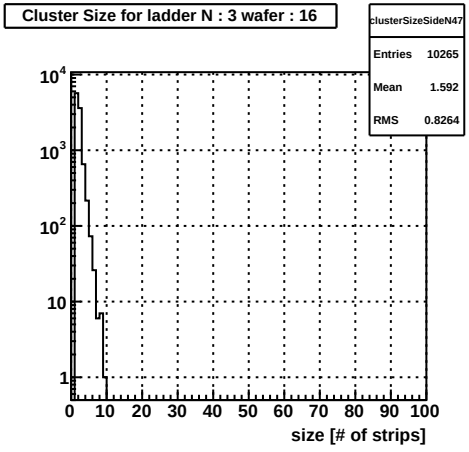

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 10834
Mean 1.379
RMS 0.7331
size [# of strips]

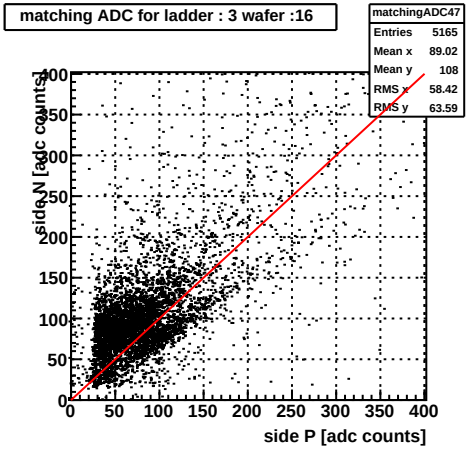

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 3625
Mean x 94.99
Mean y 97.8
RMS x 59.72
RMS y 64.45
side N [adc counts]
side P [adc counts]

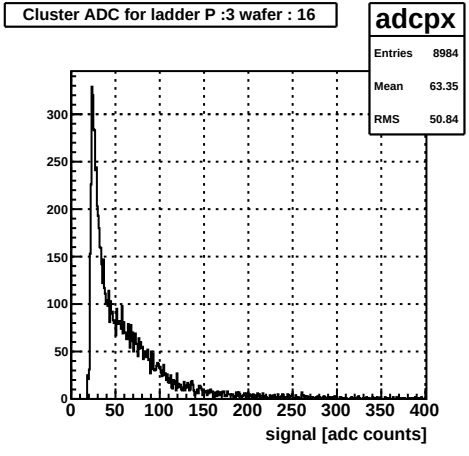

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 5039
Mean 87.91
RMS 59.65
signal [adc counts]

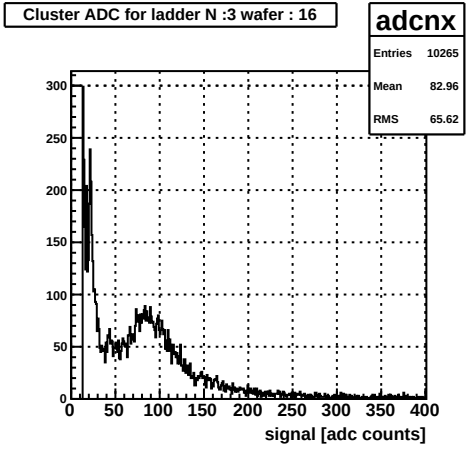

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 10834
Mean 63.35
RMS 60.91
signal [adc counts]

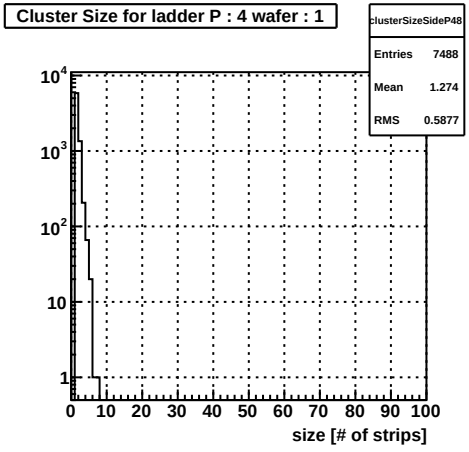

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 8984
Mean 1.321
RMS 0.6774
size [# of strips]

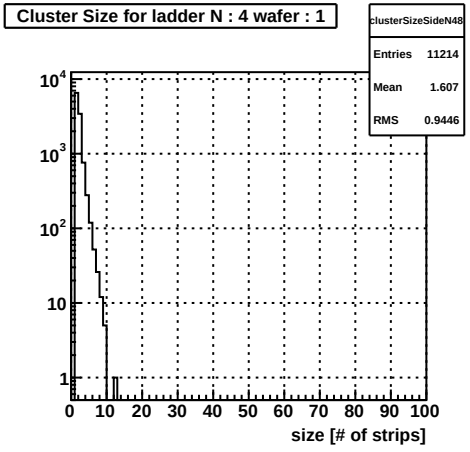

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 10265
Mean 1.592
RMS 0.8264
size [# of strips]

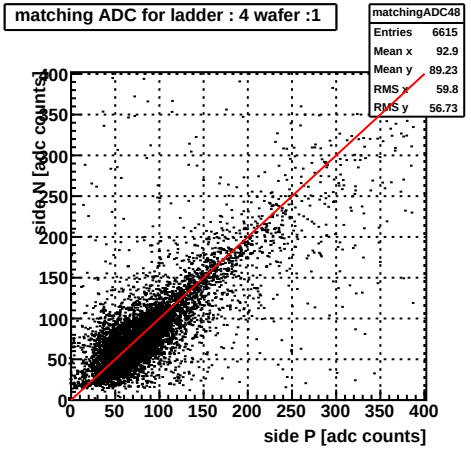

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 5165
Mean x 89.02
Mean y 108
RMS x 58.42
RMS y 63.59
side N [adc counts]
side P [adc counts]

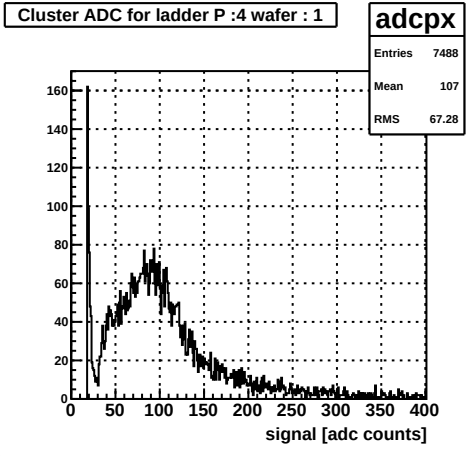

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 8984
Mean 63.35
RMS 50.84
signal [adc counts]

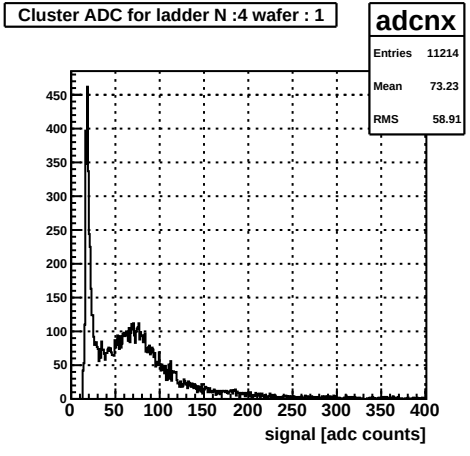

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 10265
Mean 82.96
RMS 65.62
signal [adc counts]

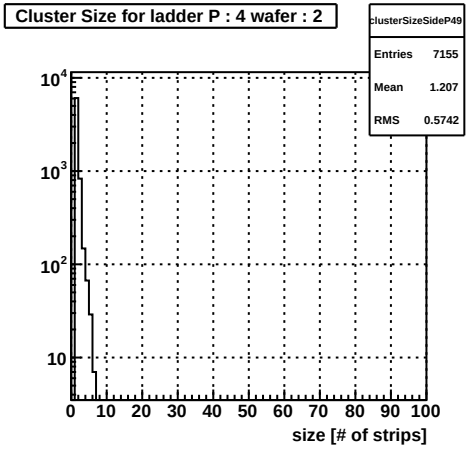

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 7488
Mean 1.274
RMS 0.5877
size [# of strips]

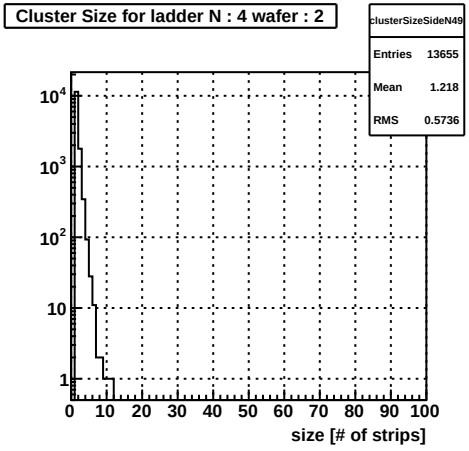

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 11214
Mean 1.607
RMS 0.9446
size [# of strips]

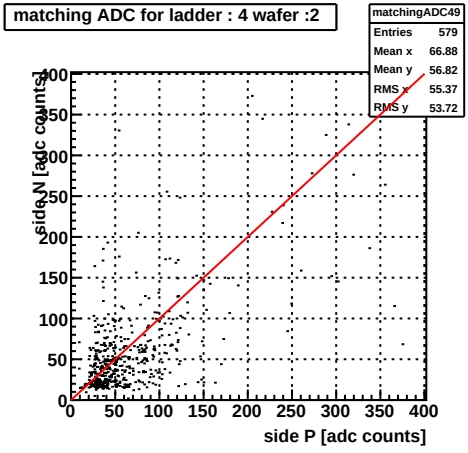

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 6615
Mean x 92.9
Mean y 89.23
RMS x 59.8
RMS y 56.73
side N [adc counts]
side P [adc counts]

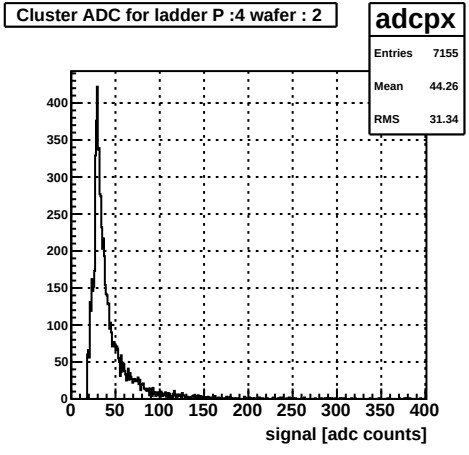

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 7488
Mean 107
RMS 67.28
signal [adc counts]

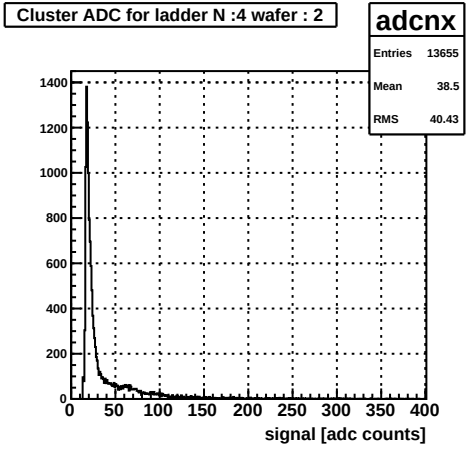

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 11214
Mean 73.23
RMS 58.91
signal [adc counts]

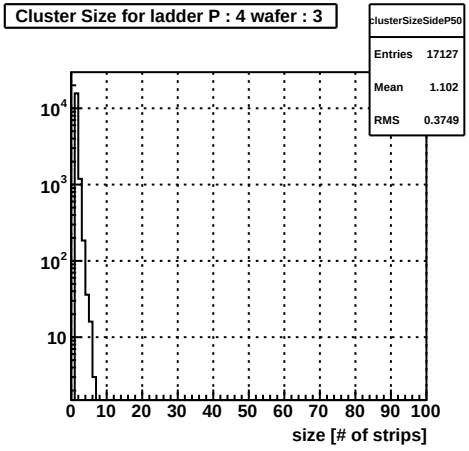

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 7155
Mean 1.207
RMS 0.5742
size [# of strips]

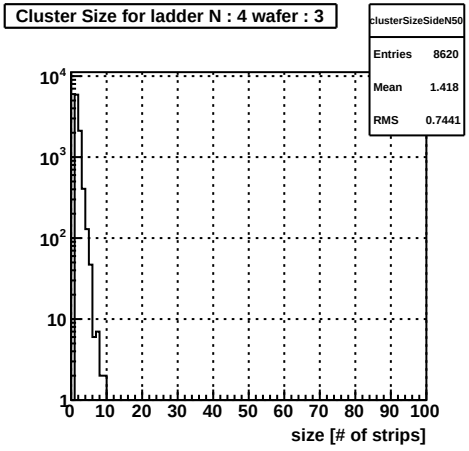

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 13655
Mean 1.218
RMS 0.5736
size [# of strips]

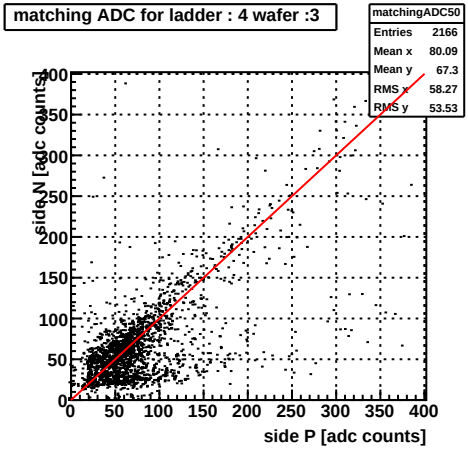

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 579
Mean x 66.88
Mean y 56.82
RMS x 55.37
RMS y 53.72
side N [adc counts]
side P [adc counts]

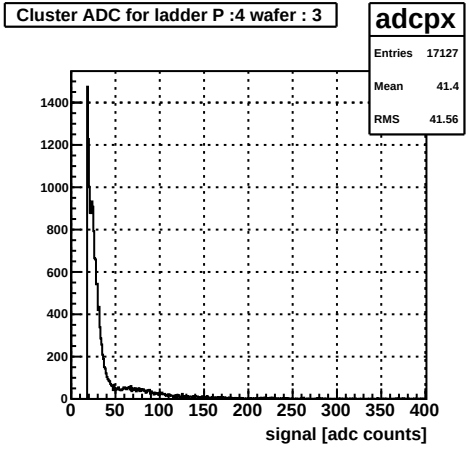

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 7155
Mean 44.26
RMS 31.34
signal [adc counts]

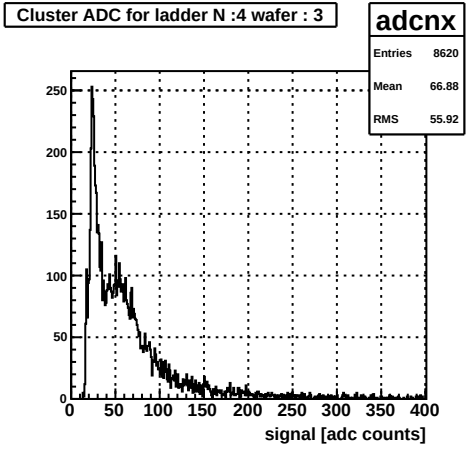

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 13655
Mean 38.5
RMS 40.43
signal [adc counts]

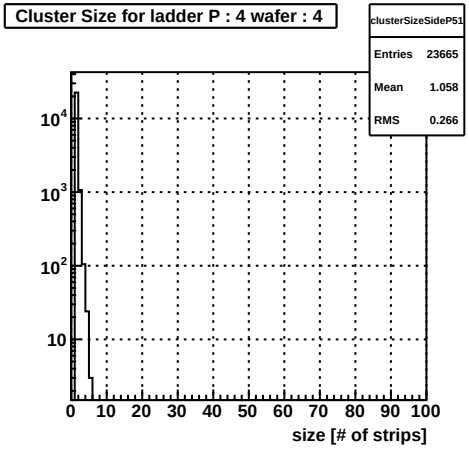

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 17127
Mean 1.102
RMS 0.3749
size [# of strips]

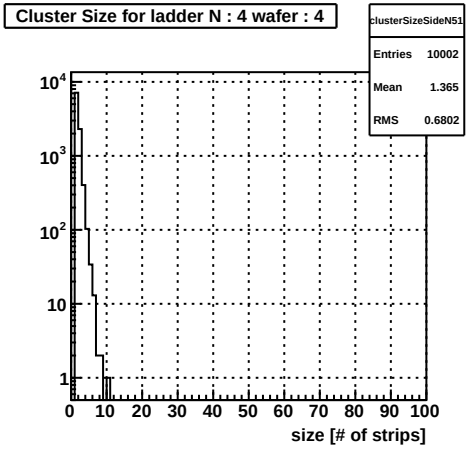

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 8620
Mean 1.418
RMS 0.7441
size [# of strips]

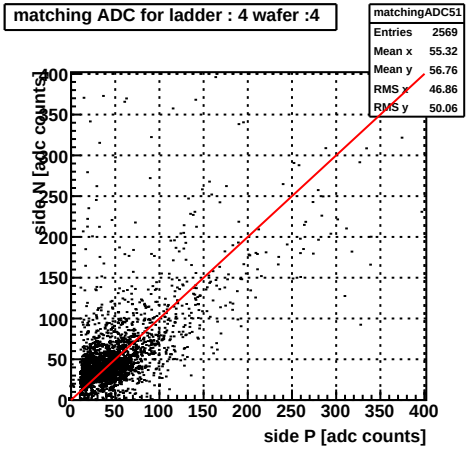

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 2166
Mean x 80.09
Mean y 67.3
RMS x 58.27
RMS y 53.53
side N [adc counts]
side P [adc counts]

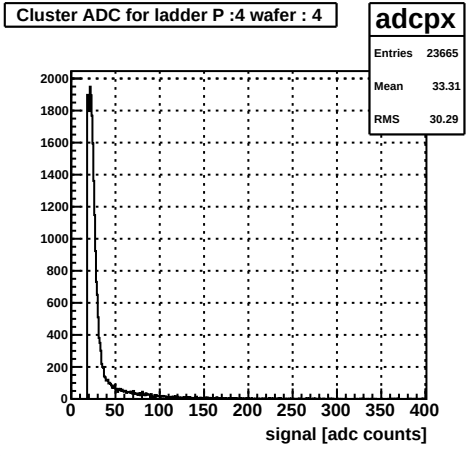

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 17127
Mean 41.4
RMS 41.56
signal [adc counts]

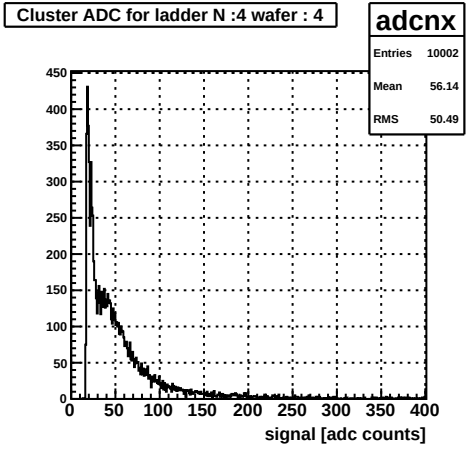

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 8620
Mean 66.88
RMS 55.92
signal [adc counts]

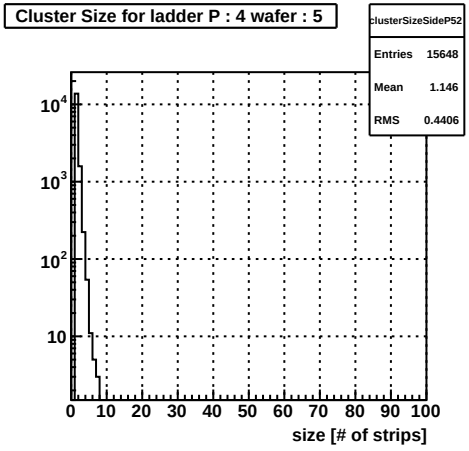

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 23665
Mean 1.058
RMS 0.266
size [# of strips]

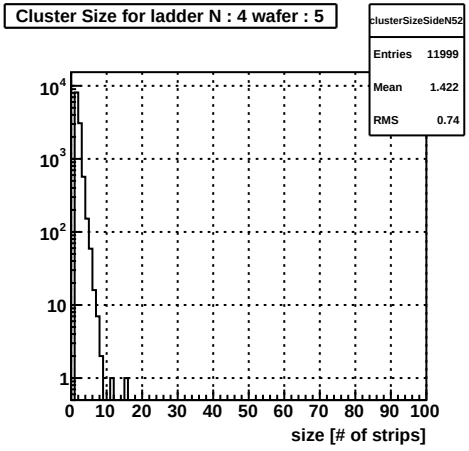

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 10002
Mean 1.365
RMS 0.6802
size [# of strips]

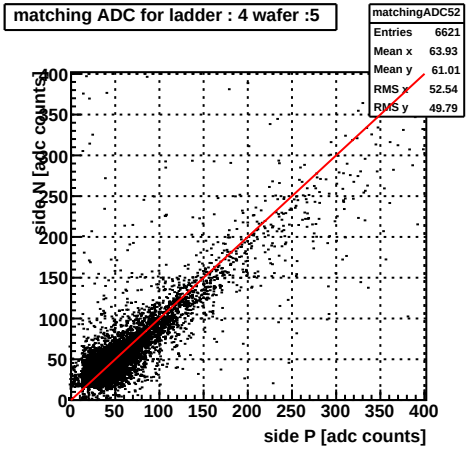

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 2569
Mean x 55.32
Mean y 56.76
RMS x 46.86
RMS y 50.06
side N [adc counts]
side P [adc counts]

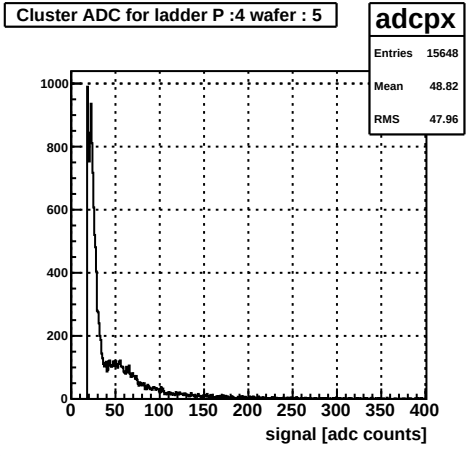

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 23665
Mean 33.31
RMS 30.29
signal [adc counts]

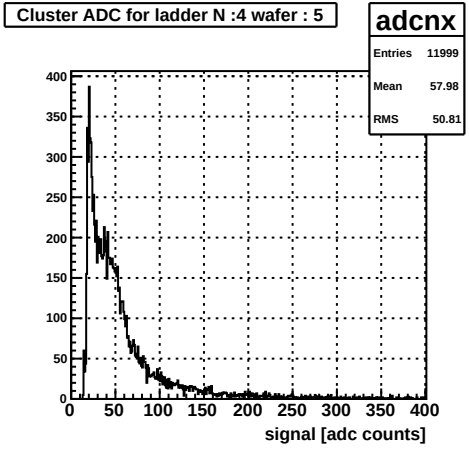

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 10002
Mean 56.14
RMS 50.49
signal [adc counts]

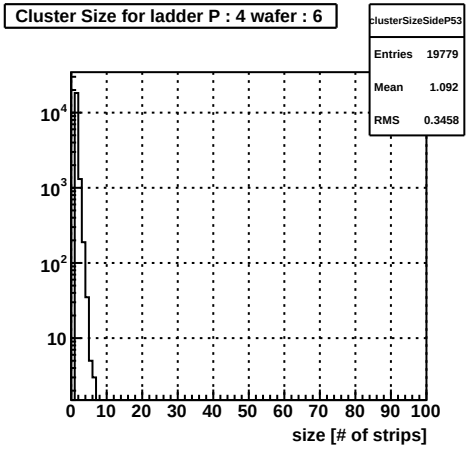

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 15648
Mean 1.146
RMS 0.4406
size [# of strips]

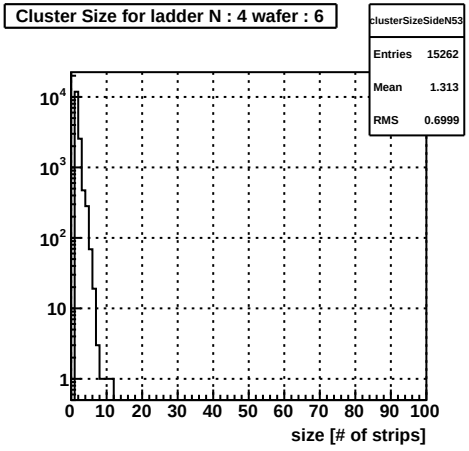

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 11999
Mean 1.422
RMS 0.74
size [# of strips]

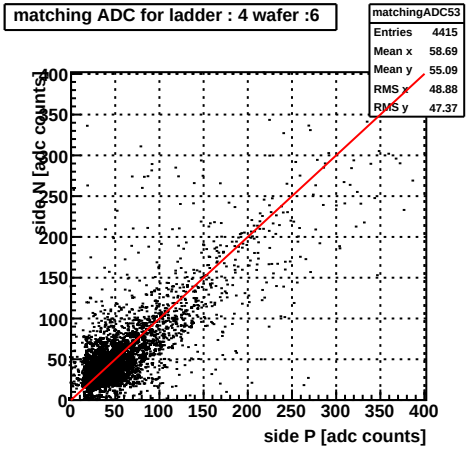

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 6621
Mean x 63.93
Mean y 61.01
RMS x 52.54
RMS y 49.79
side N [adc counts]
side P [adc counts]

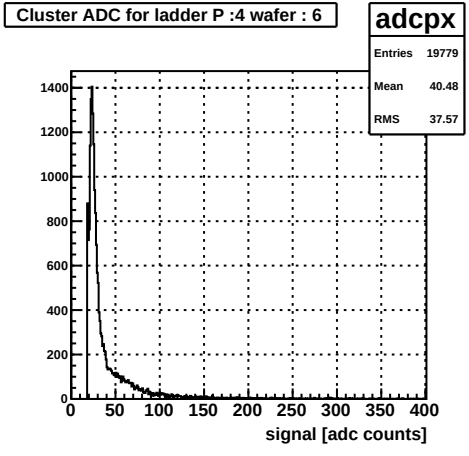

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 15648
Mean 48.82
RMS 47.96
signal [adc counts]

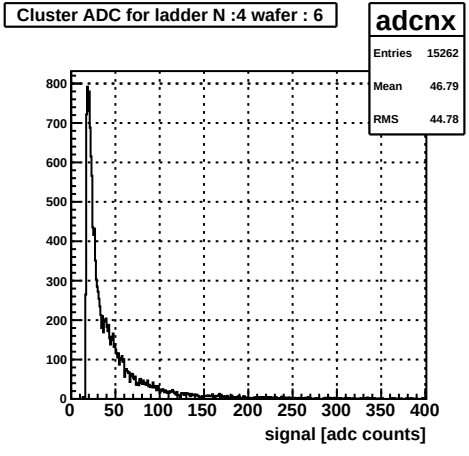

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 11999
Mean 57.98
RMS 50.81
signal [adc counts]

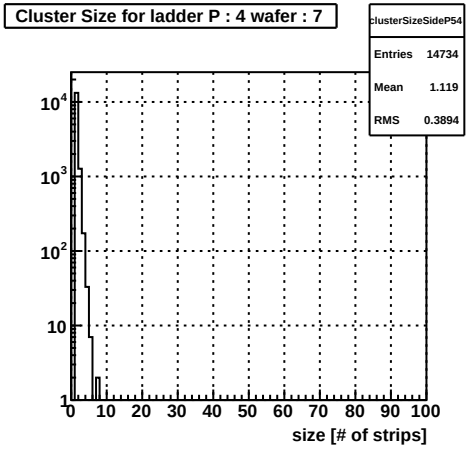

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 19779
Mean 1.092
RMS 0.3458
size [# of strips]

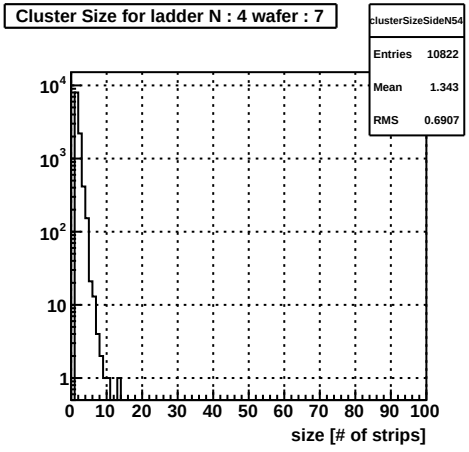

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 15262
Mean 1.313
RMS 0.6999
size [# of strips]

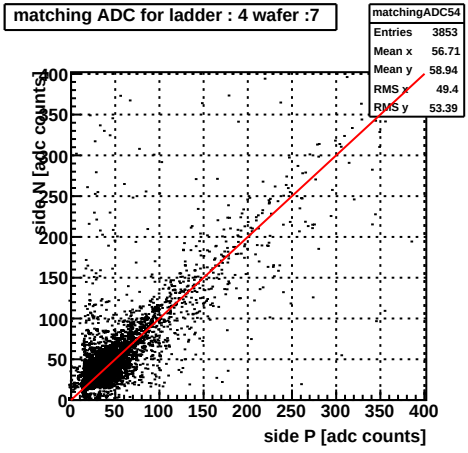

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 4415
Mean x 58.69
Mean y 55.09
RMS x 48.88
RMS y 47.37
side N [adc counts]
side P [adc counts]

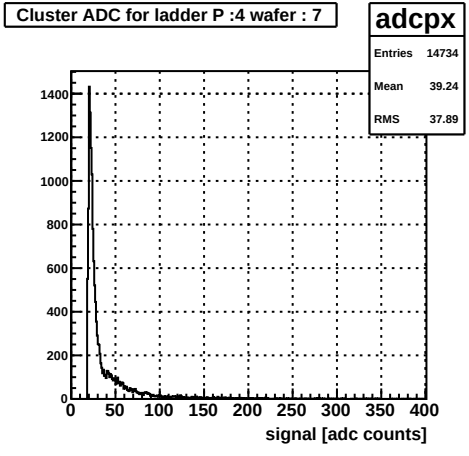

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 19779
Mean 40.48
RMS 37.57
signal [adc counts]

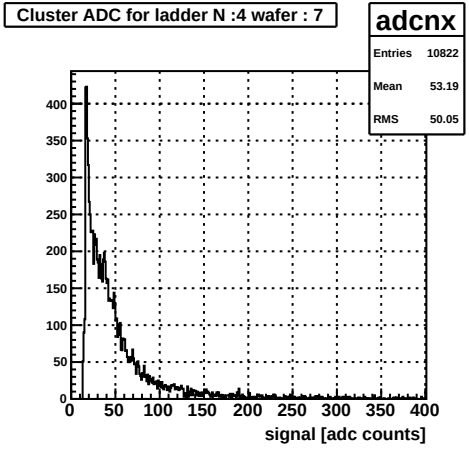

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 15262
Mean 46.79
RMS 44.78
signal [adc counts]

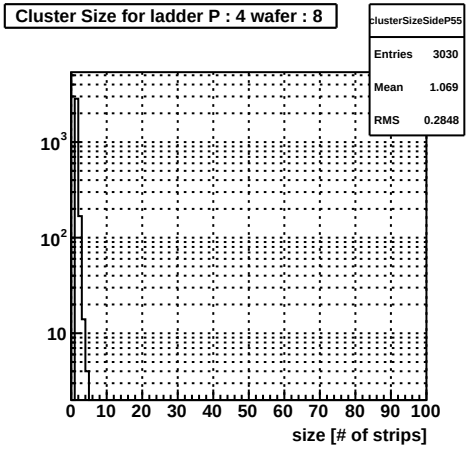

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 14734
Mean 1.119
RMS 0.3894
size [# of strips]

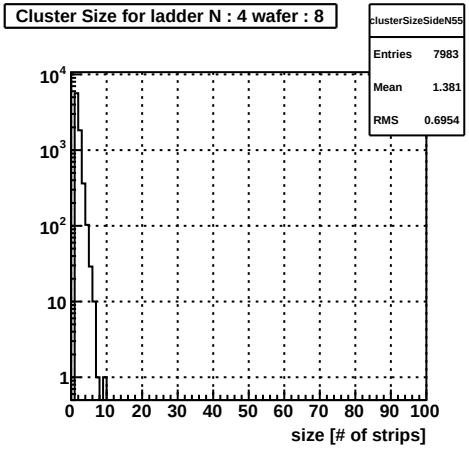

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 10822
Mean 1.343
RMS 0.6907
size [# of strips]

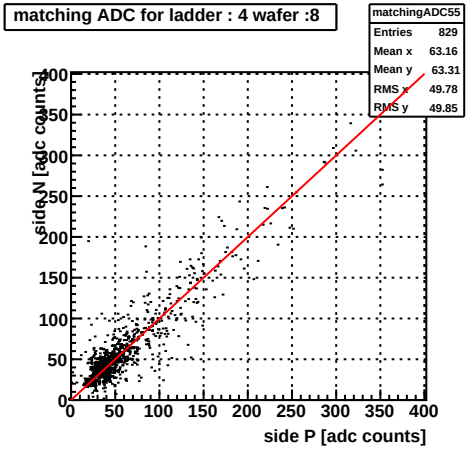

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 3853
Mean x 56.71
Mean y 58.94
RMS x 49.4
RMS y 53.39
side N [adc counts]
side P [adc counts]

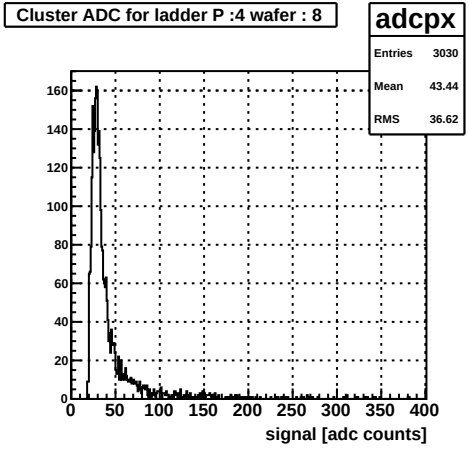

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 14734
Mean 39.24
RMS 37.89
signal [adc counts]

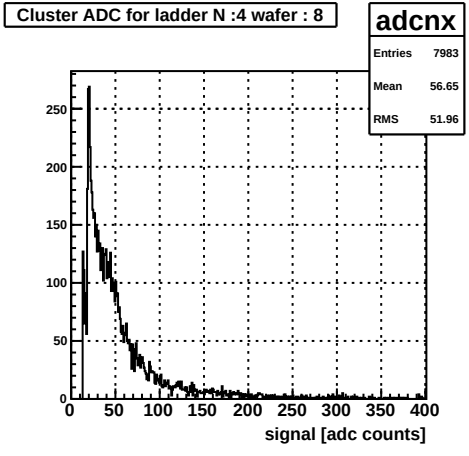

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 10822
Mean 53.19
RMS 50.05
signal [adc counts]

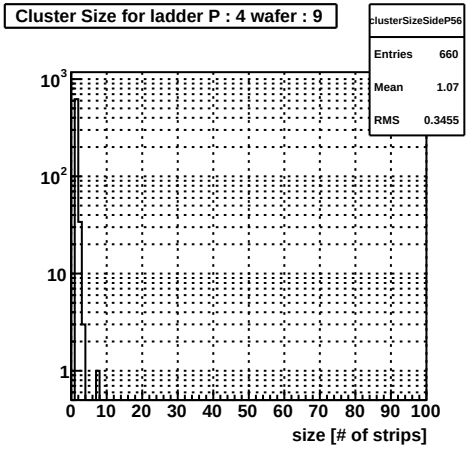

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 3030
Mean 1.069
RMS 0.2848
size [# of strips]

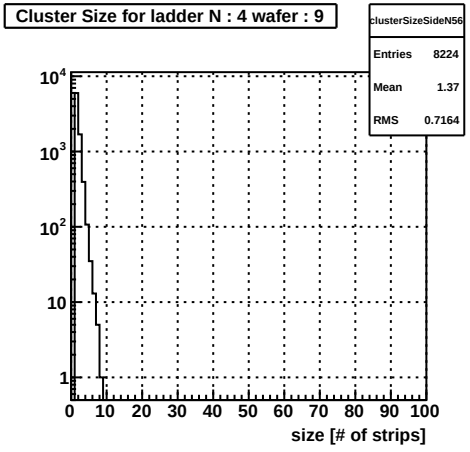

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 7983
Mean 1.381
RMS 0.6954
size [# of strips]

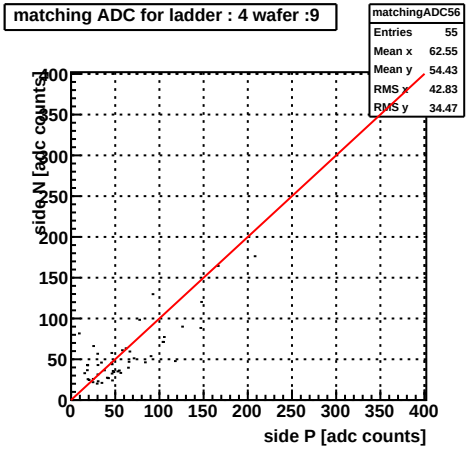

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 829
Mean x 63.16
Mean y 63.31
RMS x 49.78
RMS y 49.85
side N [adc counts]
side P [adc counts]

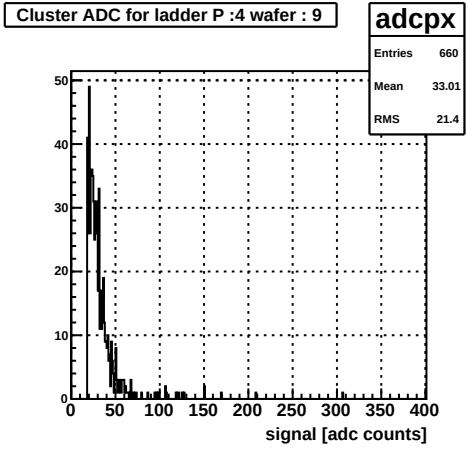

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 3030
Mean 43.44
RMS 36.62
signal [adc counts]

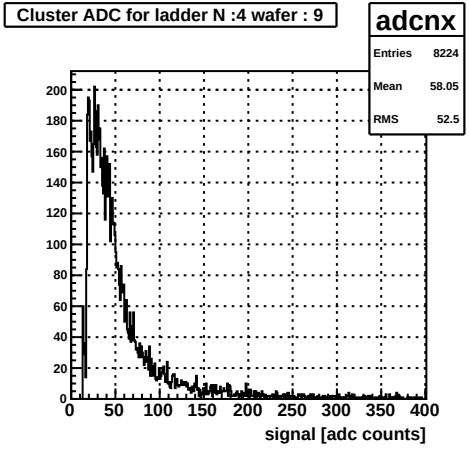

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 7983
Mean 56.65
RMS 51.96
signal [adc counts]

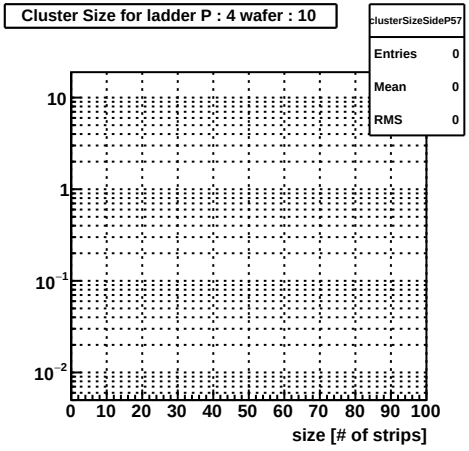

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 660
Mean 1.07
RMS 0.3455
size [# of strips]

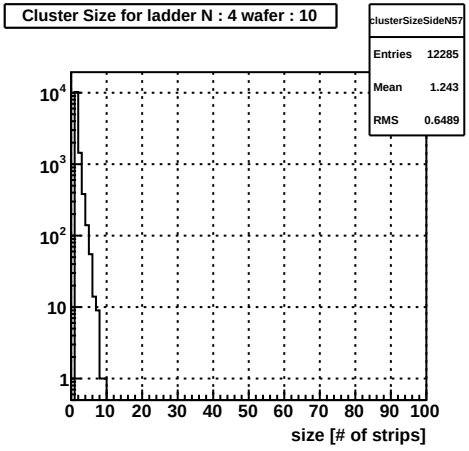

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 8224
Mean 1.37
RMS 0.7164
size [# of strips]

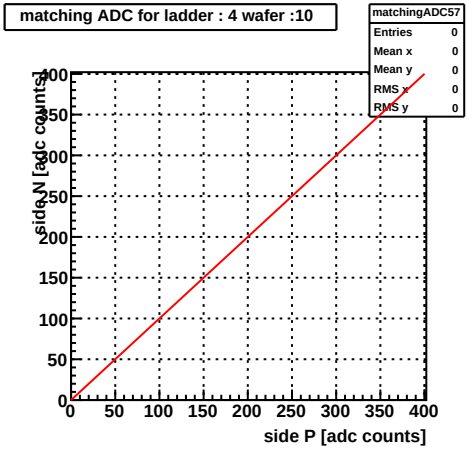

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 55
Mean x 62.55
Mean y 54.43
RMS x 42.83
RMS y 34.47
side N [adc counts]
side P [adc counts]

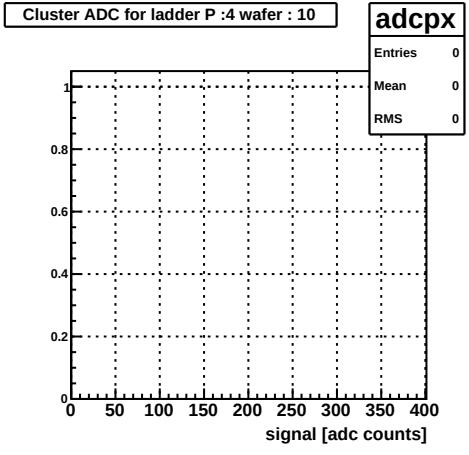

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 660
Mean 33.01
RMS 21.4
signal [adc counts]

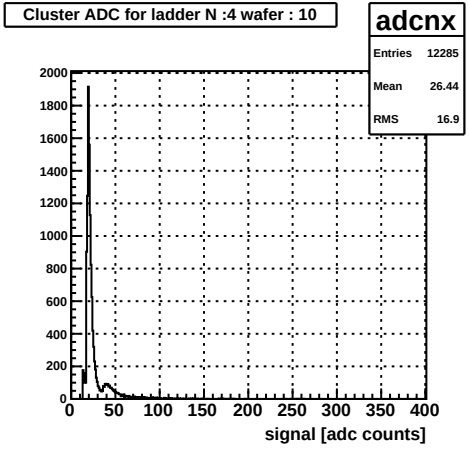

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 8224
Mean 58.05
RMS 52.5
signal [adc counts]

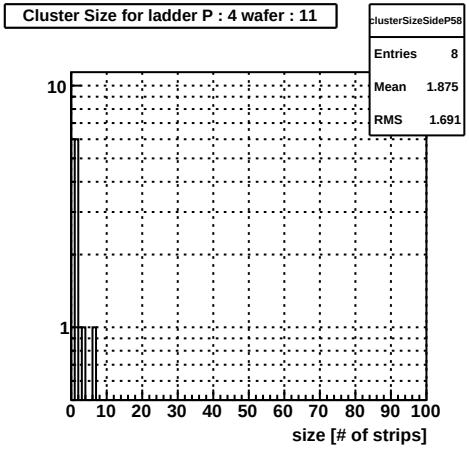

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

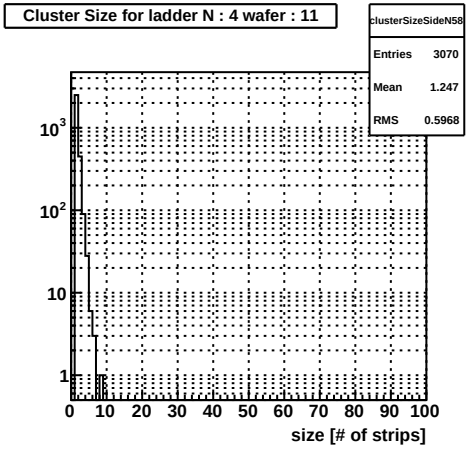

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 12285
Mean 1.243
RMS 0.6489
size [# of strips]

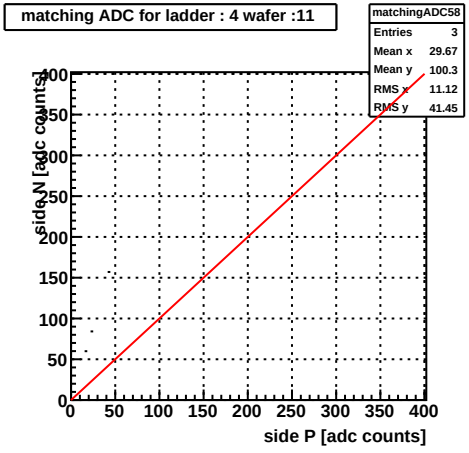

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

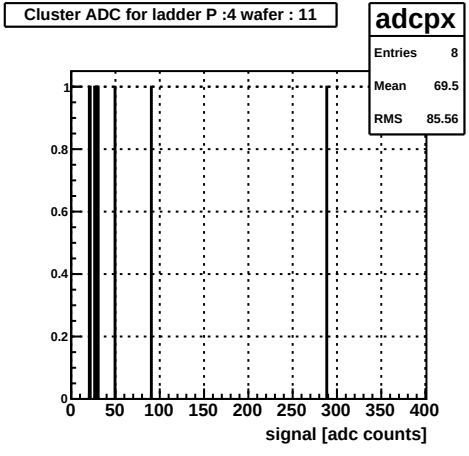

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

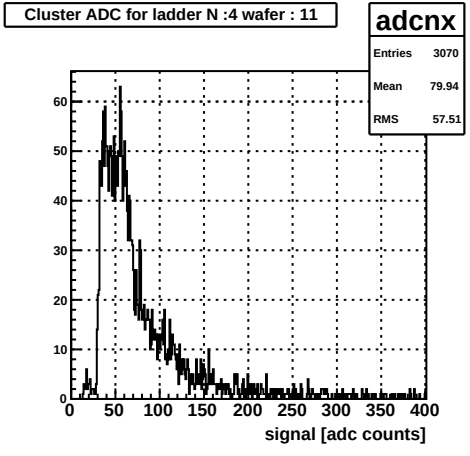

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 12285
Mean 26.44
RMS 16.9
signal [adc counts]

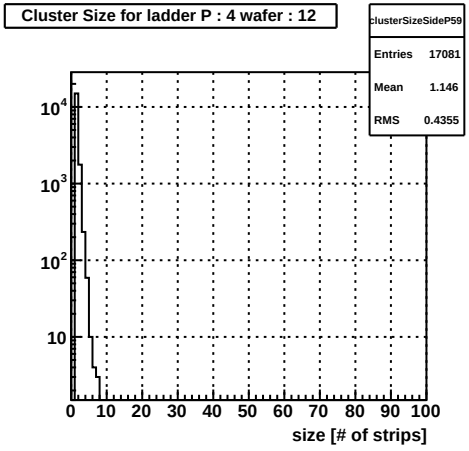

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 8
Mean 1.875
RMS 1.691
size [# of strips]

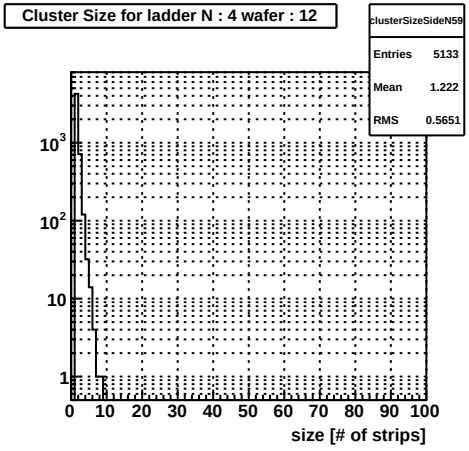

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 3070
Mean 1.247
RMS 0.5968
size [# of strips]

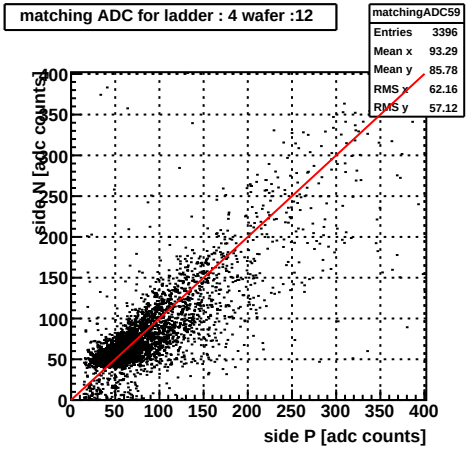

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 3
Mean x 29.67
Mean y 100.3
RMS x 11.12
RMS y 41.45
side N [adc counts]
side P [adc counts]

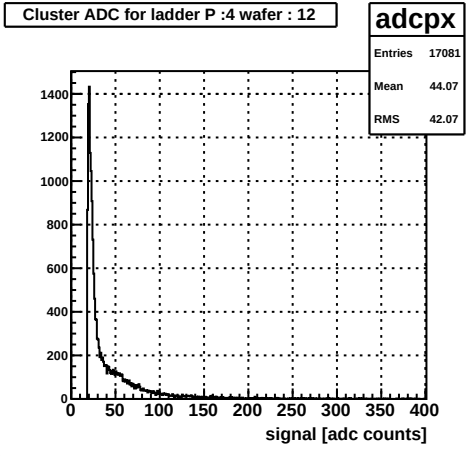

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 8
Mean 69.5
RMS 85.56
signal [adc counts]

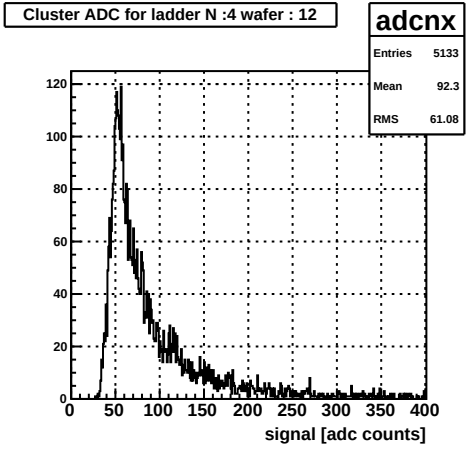

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 3070
Mean 79.94
RMS 57.51
signal [adc counts]

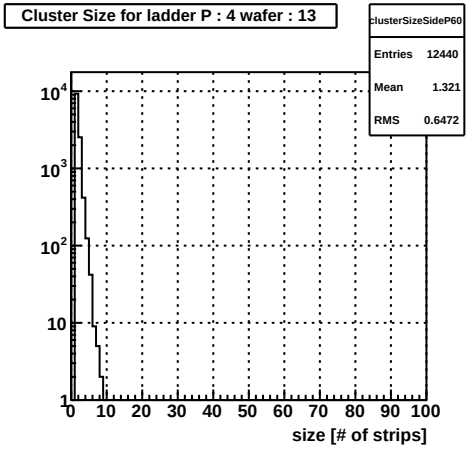

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 17081
Mean 1.146
RMS 0.4355
size [# of strips]

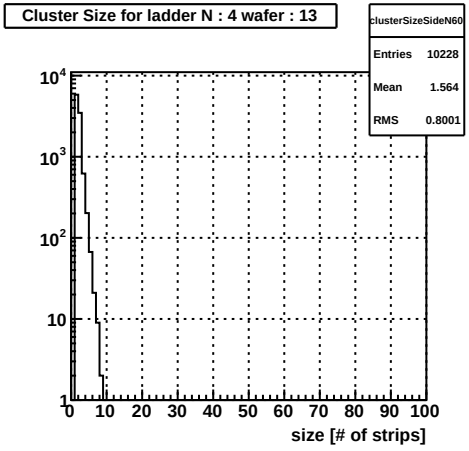

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 5133
Mean 1.222
RMS 0.5651
size [# of strips]

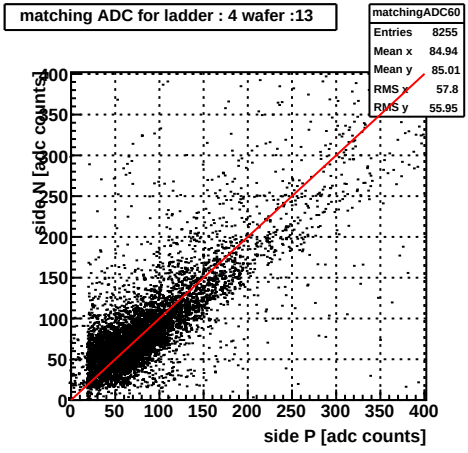

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 3396
Mean x 93.29
Mean y 85.78
RMS x 62.16
RMS y 57.12
side N [adc counts]
side P [adc counts]

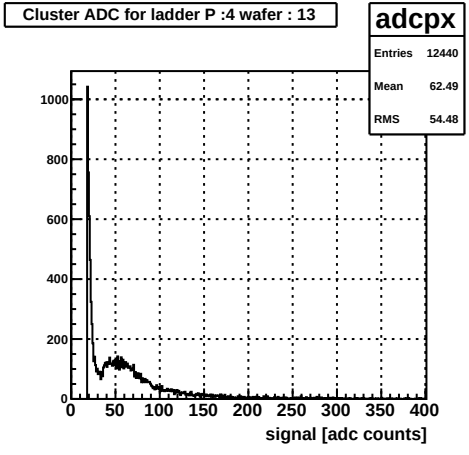

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 17081
Mean 44.07
RMS 42.07
signal [adc counts]

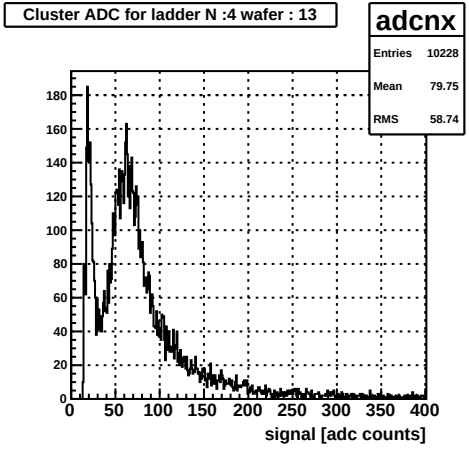

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 5133
Mean 92.3
RMS 61.08
signal [adc counts]

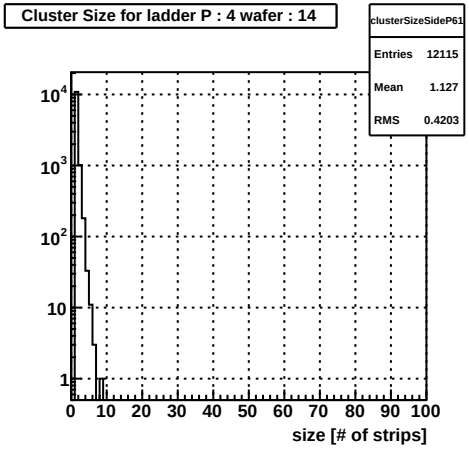

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 12440
Mean 1.321
RMS 0.6472
size [# of strips]

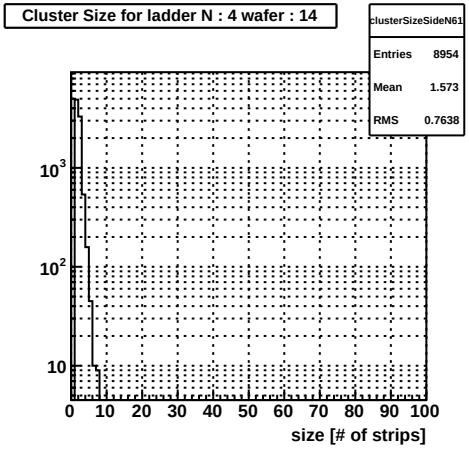

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 10228
Mean 1.564
RMS 0.8001
size [# of strips]

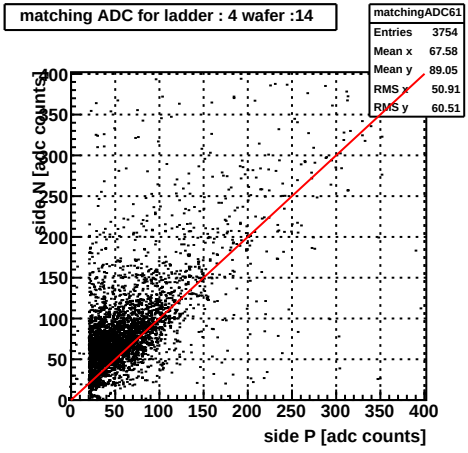

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 8255
Mean x 84.94
Mean y 85.01
RMS x 57.8
RMS y 55.95
side N [adc counts]
side P [adc counts]

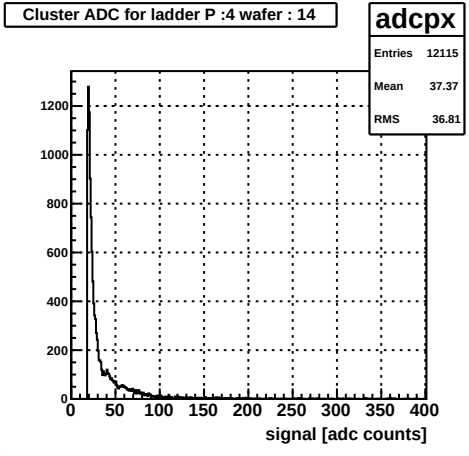

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 12440
Mean 62.49
RMS 54.48
signal [adc counts]

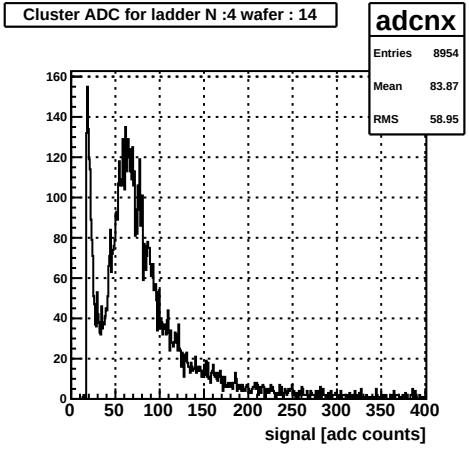

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 10228
Mean 79.75
RMS 58.74
signal [adc counts]

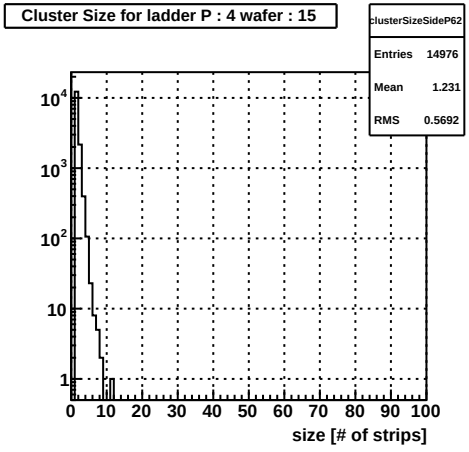

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 12115
Mean 1.127
RMS 0.4203
size [# of strips]

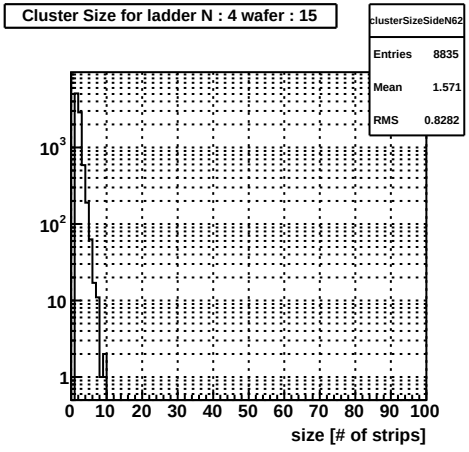

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 8954
Mean 1.573
RMS 0.7638
size [# of strips]

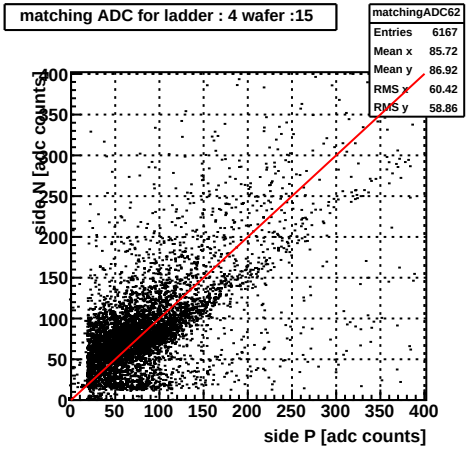

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 3754
Mean x 67.58
Mean y 89.05
RMS x 50.91
RMS y 60.51
side N [adc counts]
side P [adc counts]

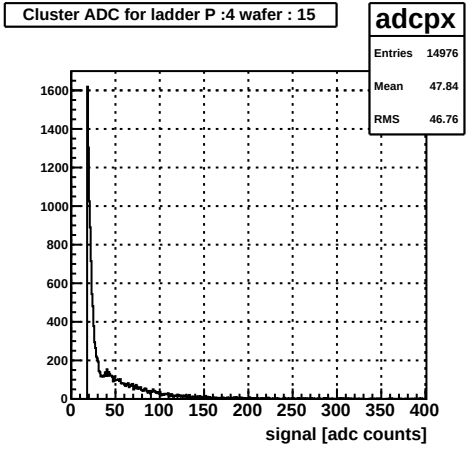

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 12115
Mean 37.37
RMS 36.81
signal [adc counts]

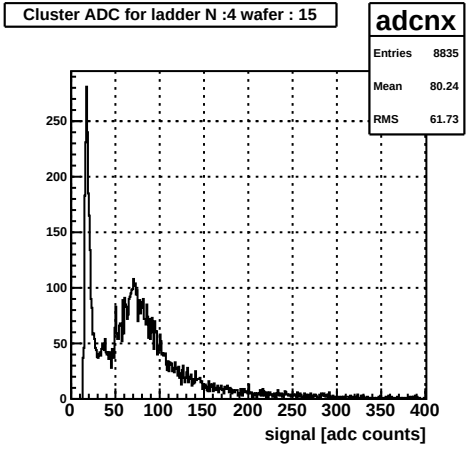

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 8954
Mean 83.87
RMS 58.95
signal [adc counts]

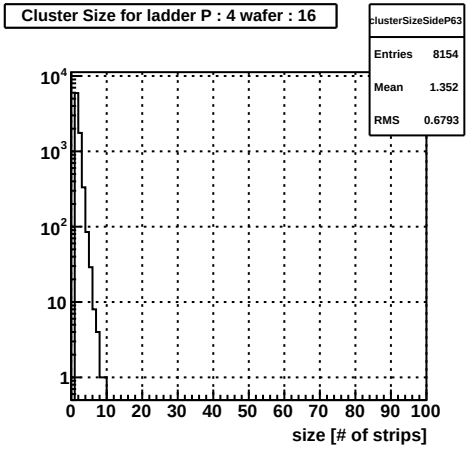

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 14976
Mean 1.231
RMS 0.5692
size [# of strips]

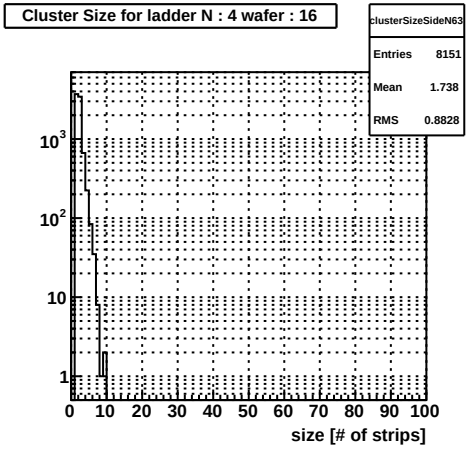

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 8835
Mean 1.571
RMS 0.8282
size [# of strips]

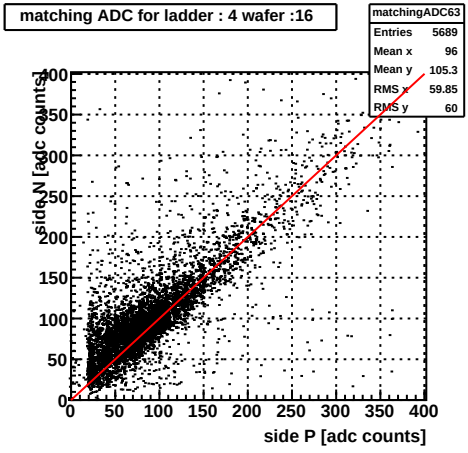

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 6167
Mean x 85.72
Mean y 86.92
RMS x 60.42
RMS y 58.86
side N [adc counts]
side P [adc counts]

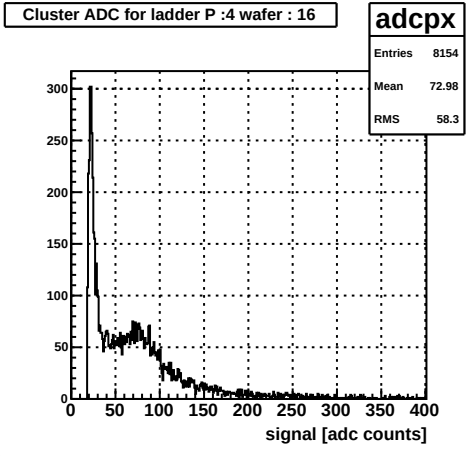

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 14976
Mean 47.84
RMS 46.76
signal [adc counts]

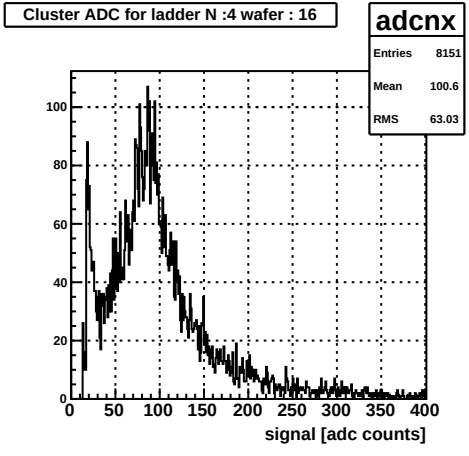

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 8835
Mean 80.24
RMS 61.73
signal [adc counts]

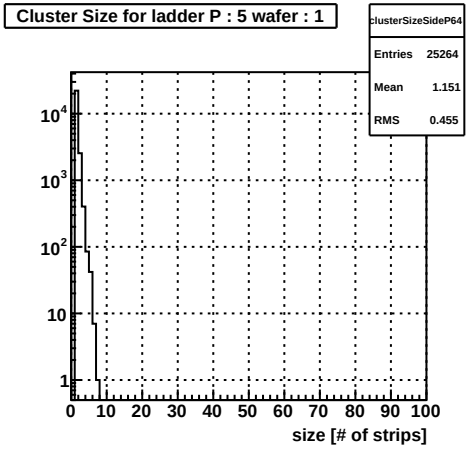

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 8154
Mean 1.352
RMS 0.6793
size [# of strips]

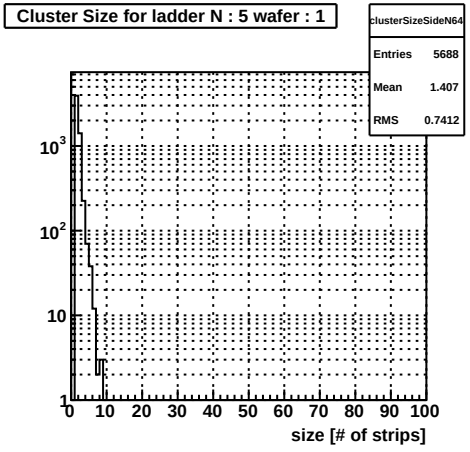

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 8151
Mean 1.738
RMS 0.8828
size [# of strips]

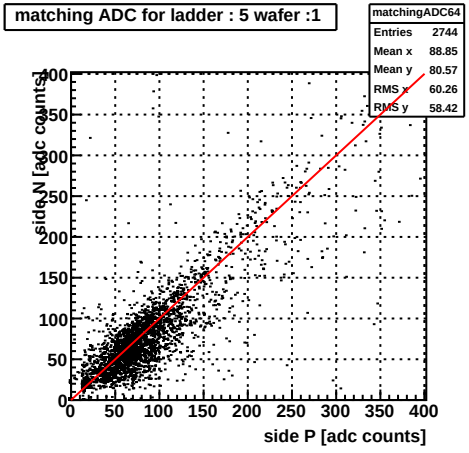

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 5689
Mean x 96
Mean y 105.3
RMS x 59.85
RMS y 60
side N [adc counts]
side P [adc counts]

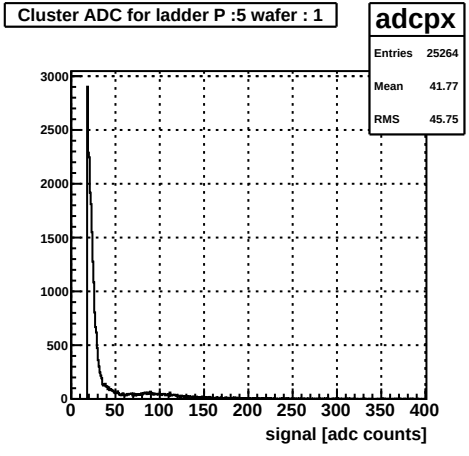

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 8154
Mean 72.98
RMS 58.3
signal [adc counts]

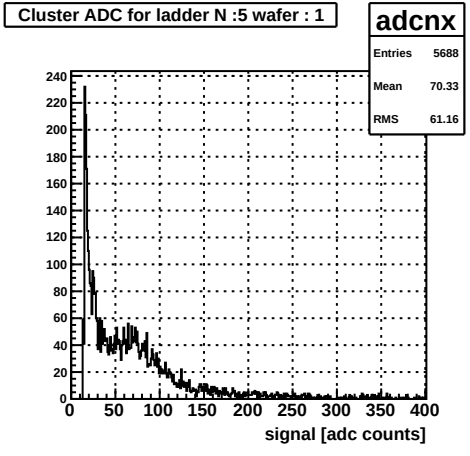

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 8151
Mean 100.6
RMS 63.03
signal [adc counts]

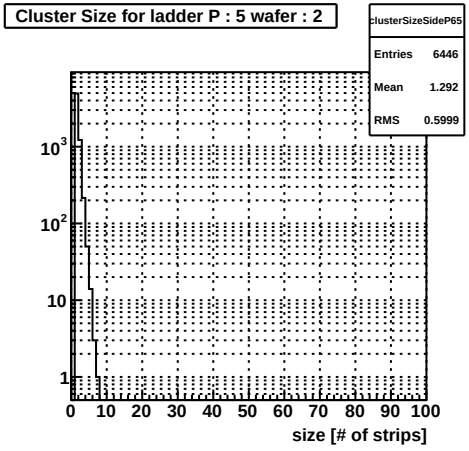

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 25264
Mean 1.151
RMS 0.455
size [# of strips]

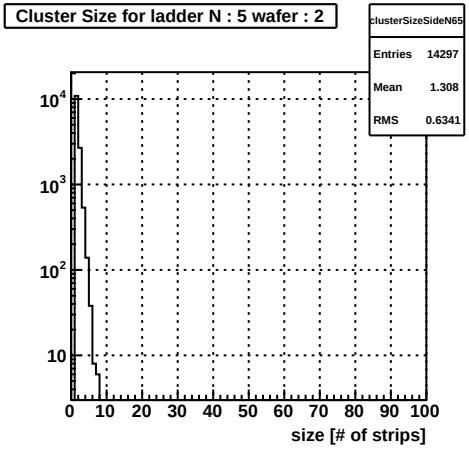

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 5688
Mean 1.407
RMS 0.7412
size [# of strips]

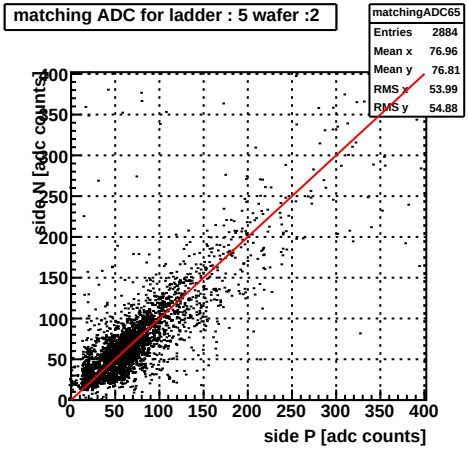

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 2744
Mean x 88.85
Mean y 80.57
RMS x 60.26
RMS y 58.42
side N [adc counts]
side P [adc counts]

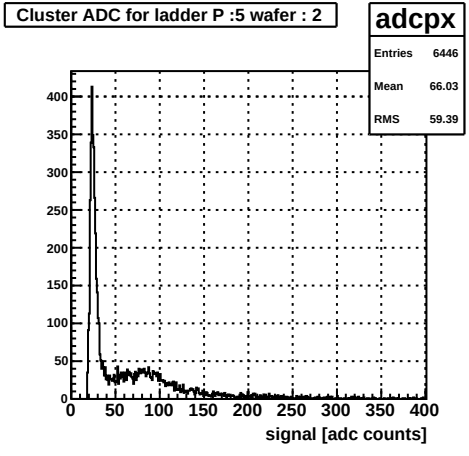

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 25264
Mean 41.77
RMS 45.75
signal [adc counts]

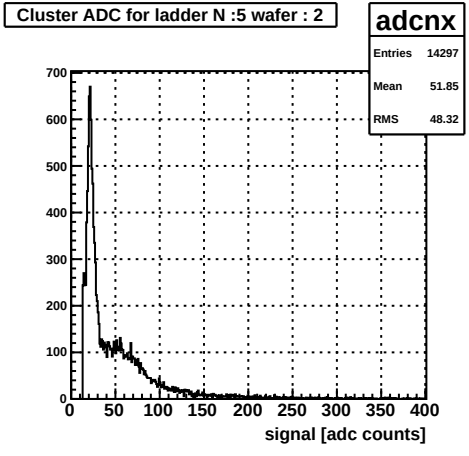

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 5688
Mean 70.33
RMS 61.16
signal [adc counts]

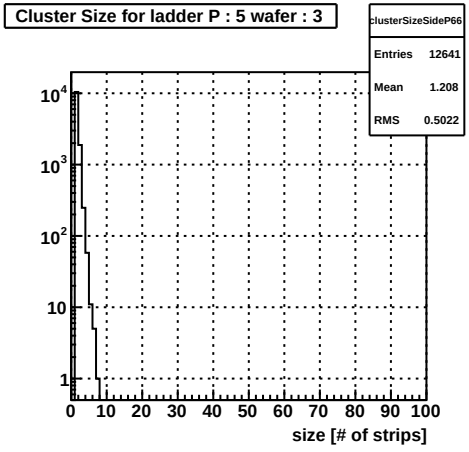

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 6446
Mean 1.292
RMS 0.5999
size [# of strips]

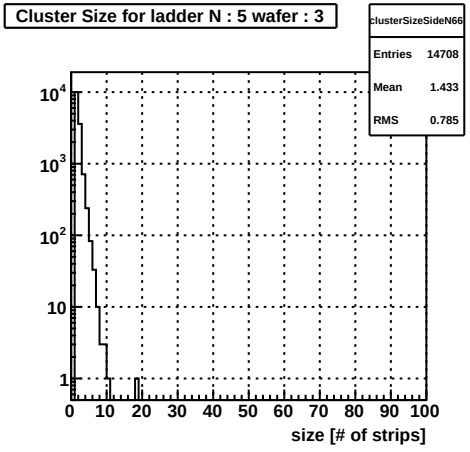

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 14297
Mean 1.308
RMS 0.6341
size [# of strips]

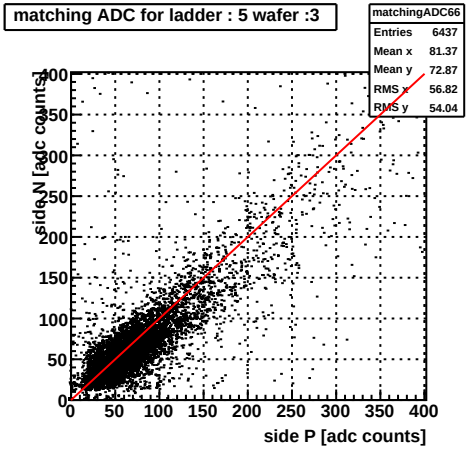

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 2884
Mean x 76.96
Mean y 76.81
RMS x 53.99
RMS y 54.88
side N [adc counts]
side P [adc counts]

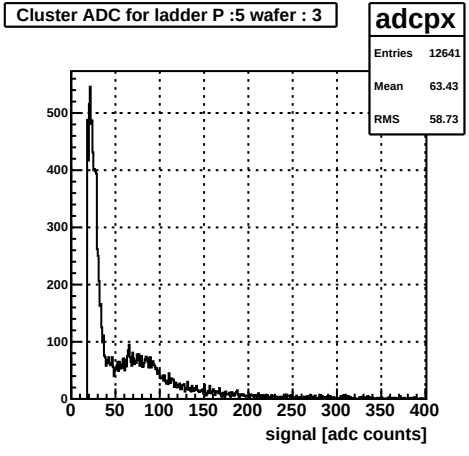

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 6446
Mean 66.03
RMS 59.39
signal [adc counts]

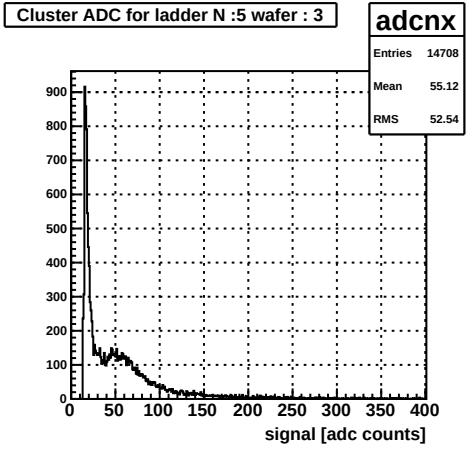

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 14297
Mean 51.85
RMS 48.32
signal [adc counts]

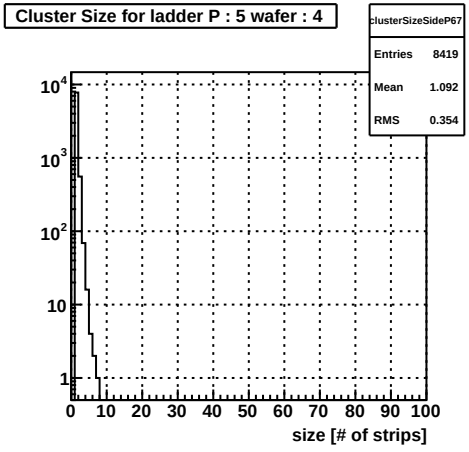

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 12641
Mean 1.208
RMS 0.5022
size [# of strips]

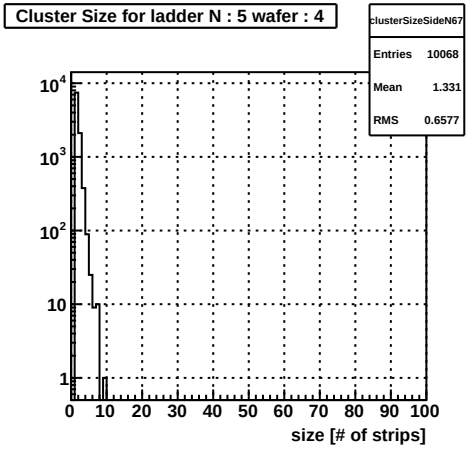

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 14708
Mean 1.433
RMS 0.785
size [# of strips]

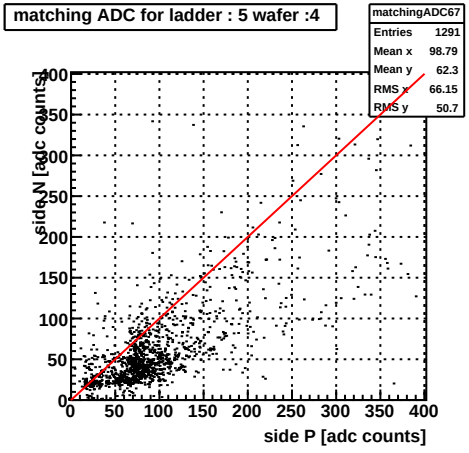

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 6437
Mean x 81.37
Mean y 72.87
RMS x 56.82
RMS y 54.04
side N [adc counts]
side P [adc counts]

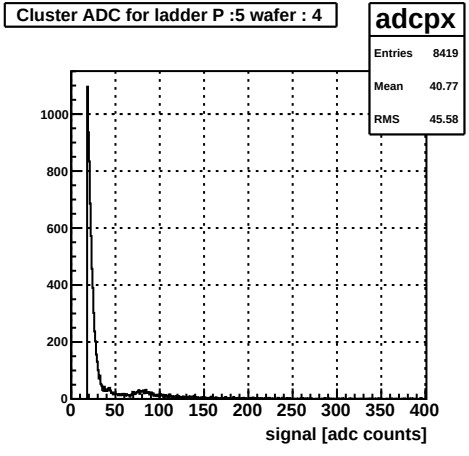

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 12641
Mean 63.43
RMS 58.73
signal [adc counts]

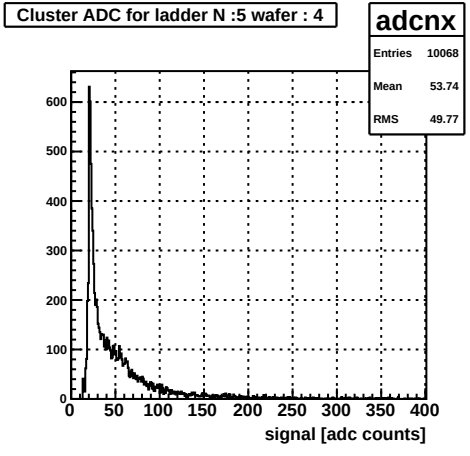

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 14708
Mean 55.12
RMS 52.54
signal [adc counts]

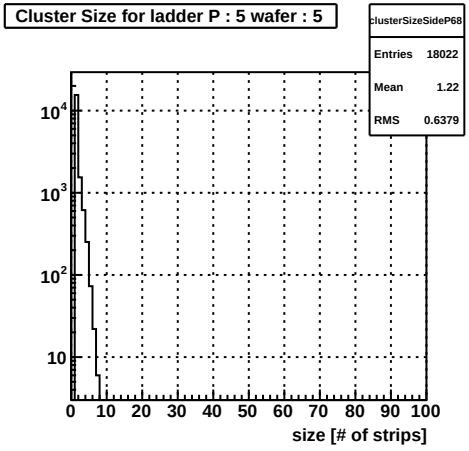

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 8419
Mean 1.092
RMS 0.354
size [# of strips]

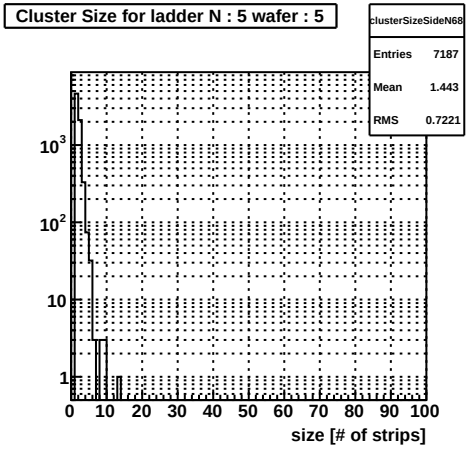

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 10068
Mean 1.331
RMS 0.6577
size [# of strips]

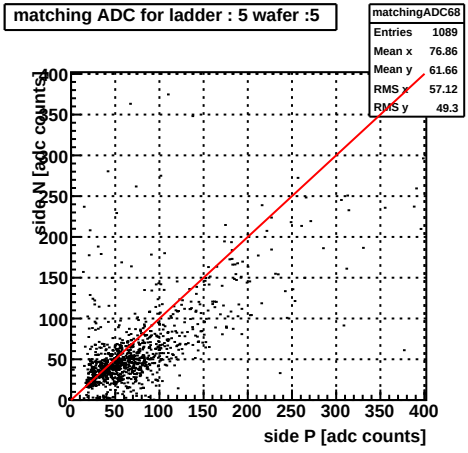

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 1291
Mean x 98.79
Mean y 62.3
RMS x 66.15
RMS y 50.7
side N [adc counts]
side P [adc counts]

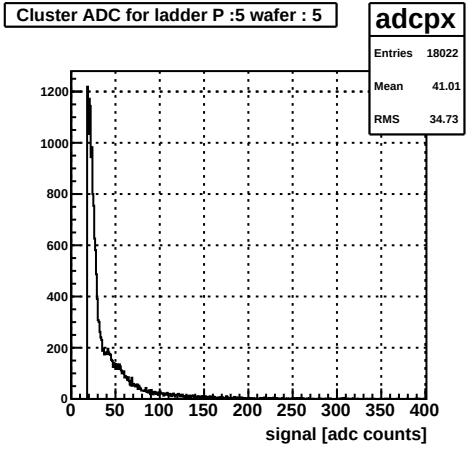

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 8419
Mean 40.77
RMS 45.58
signal [adc counts]

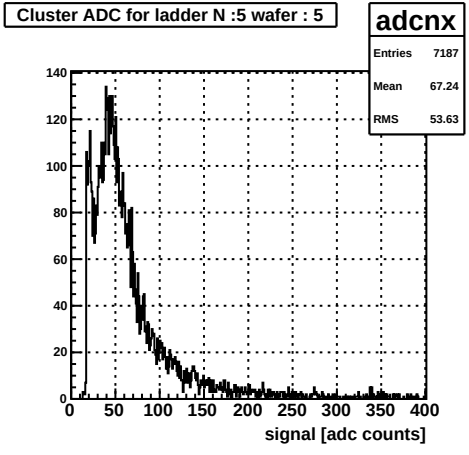

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 10068
Mean 53.74
RMS 49.77
signal [adc counts]

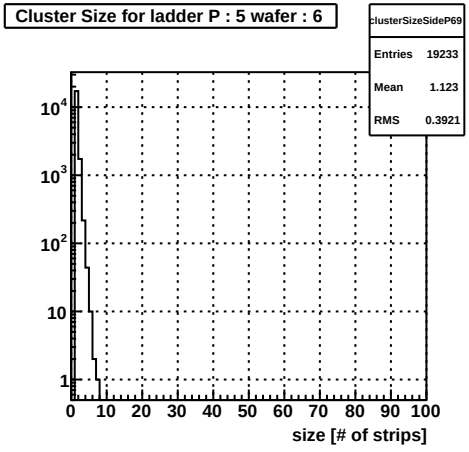

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 18022
Mean 1.22
RMS 0.6379
size [# of strips]

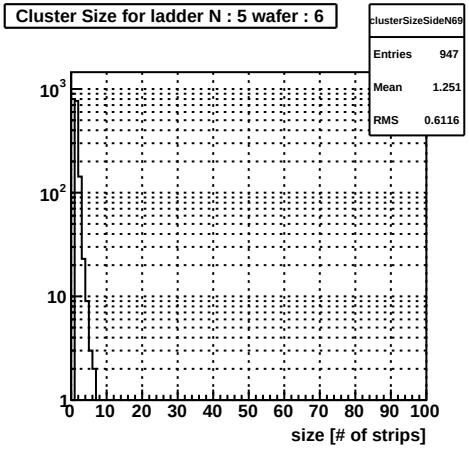

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 7187
Mean 1.443
RMS 0.7221
size [# of strips]

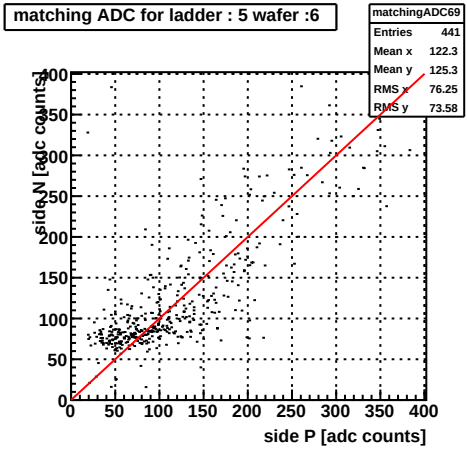

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 1089
Mean x 76.86
Mean y 61.66
RMS x 57.12
RMS y 49.3
side N [adc counts]
side P [adc counts]

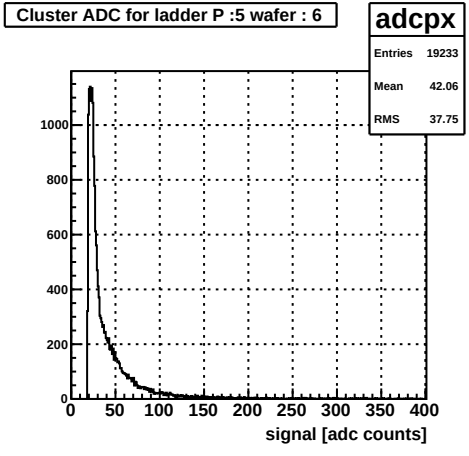

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 18022
Mean 41.01
RMS 34.73
signal [adc counts]

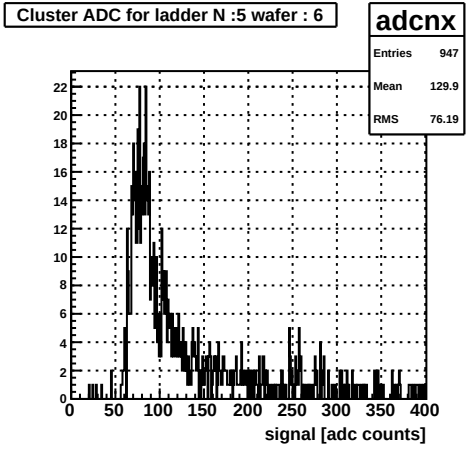

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 7187
Mean 67.24
RMS 53.63
signal [adc counts]

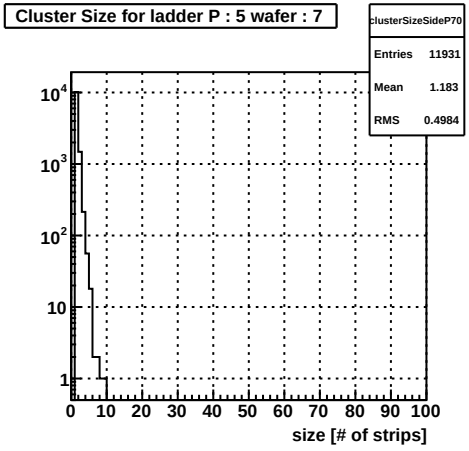

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 19233
Mean 1.123
RMS 0.3921
size [# of strips]

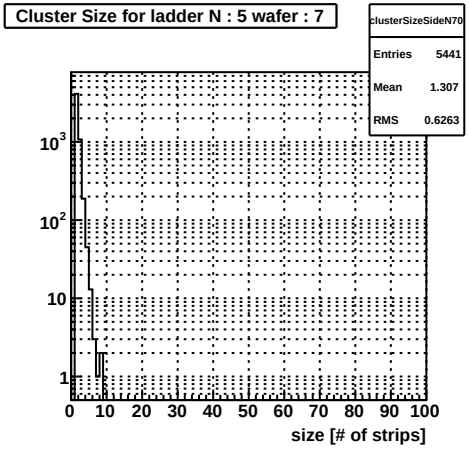

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 947
Mean 1.251
RMS 0.6116
size [# of strips]

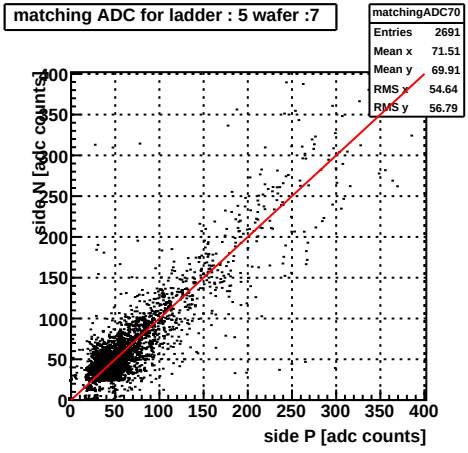

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 441
Mean x 122.3
Mean y 125.3
RMS x 76.25
RMS y 73.58
side N [adc counts]
side P [adc counts]

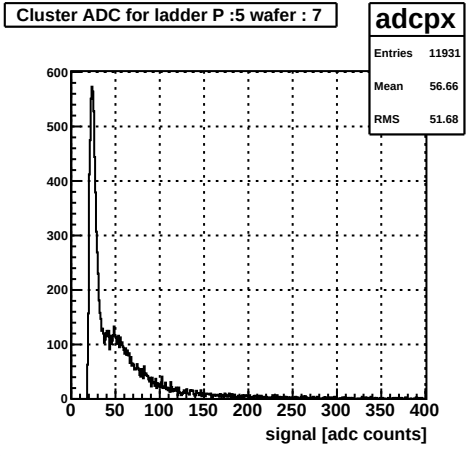

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 19233
Mean 42.06
RMS 37.75
signal [adc counts]

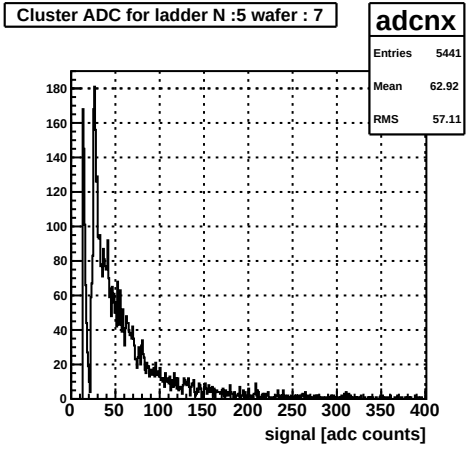

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 947
Mean 129.9
RMS 76.19
signal [adc counts]

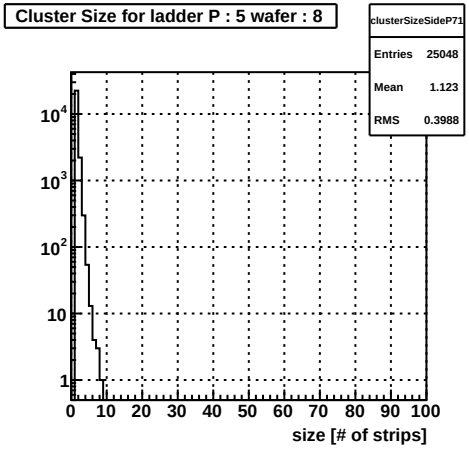

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 11931
Mean 1.183
RMS 0.4984
size [# of strips]

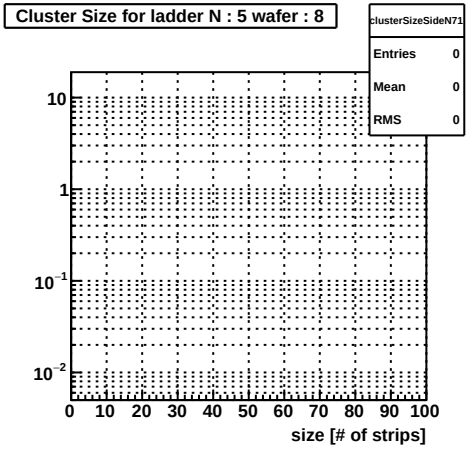

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 5441
Mean 1.307
RMS 0.6263
size [# of strips]

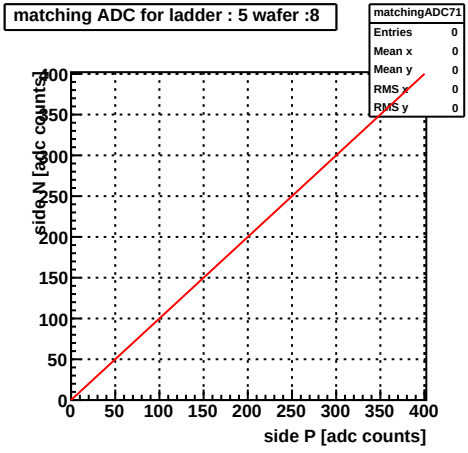

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 2691
Mean x 71.51
Mean y 69.91
RMS x 54.64
RMS y 56.79
side N [adc counts]
side P [adc counts]

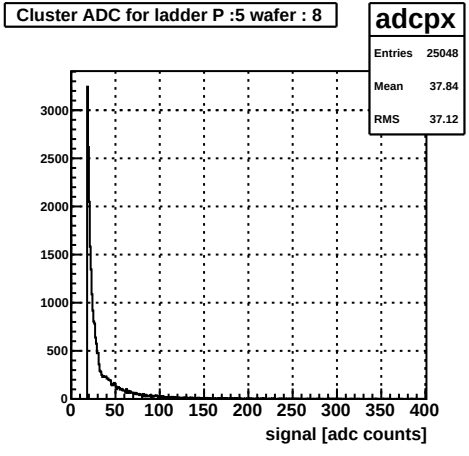

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 11931
Mean 56.66
RMS 51.68
signal [adc counts]

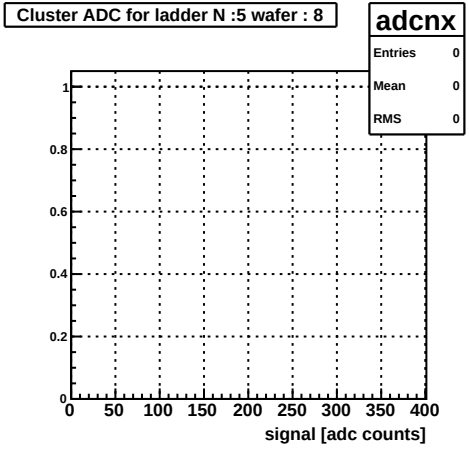

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 5441
Mean 62.92
RMS 57.11
signal [adc counts]

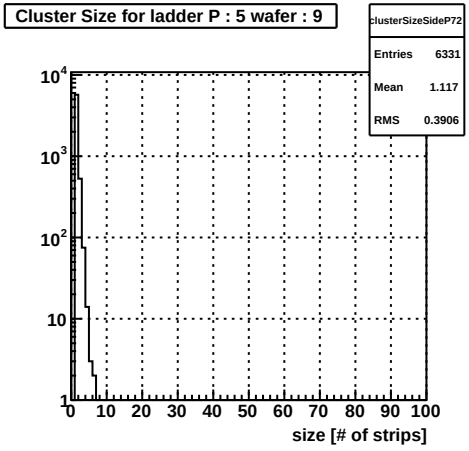

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 25048
Mean 1.123
RMS 0.3988
size [# of strips]

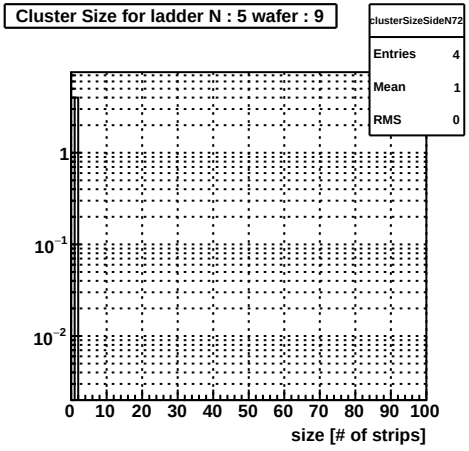

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

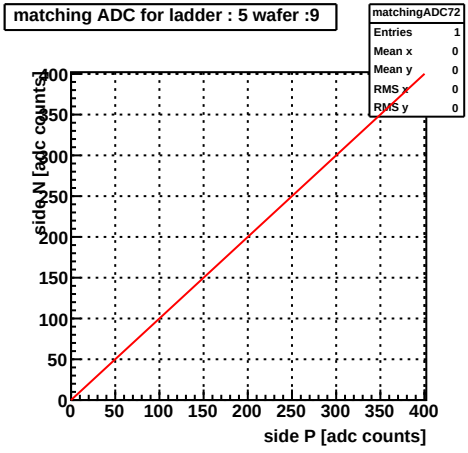

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

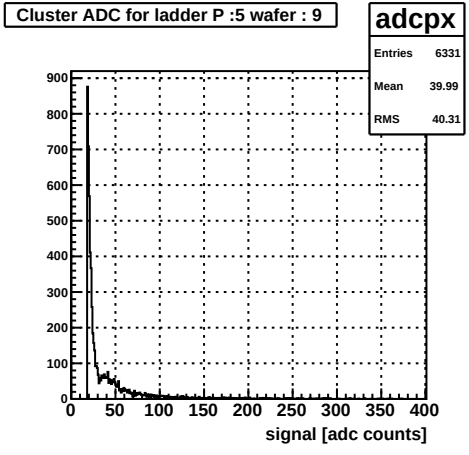

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 25048
Mean 37.84
RMS 37.12
signal [adc counts]

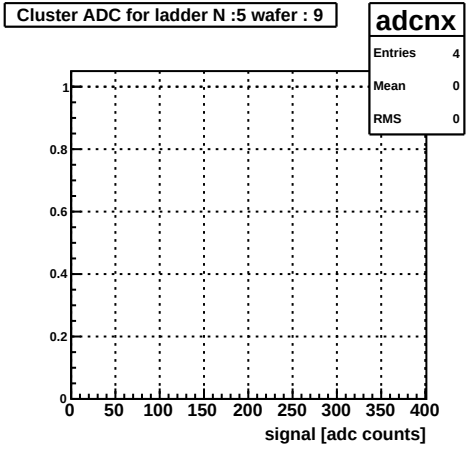

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

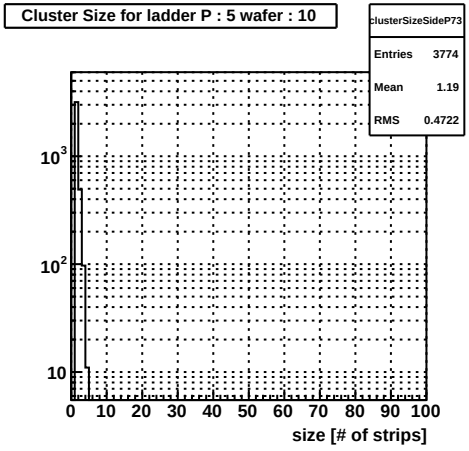

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 6331
Mean 1.117
RMS 0.3906
size [# of strips]

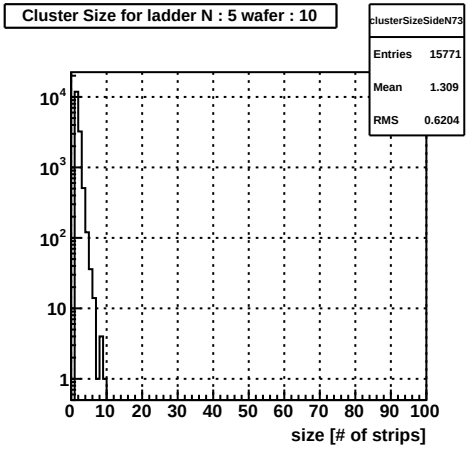

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 4
Mean 1
RMS 0
size [# of strips]

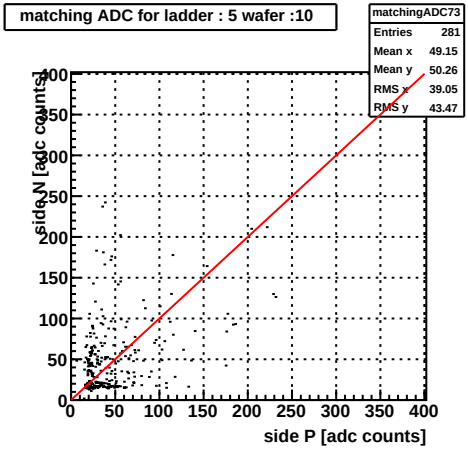

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

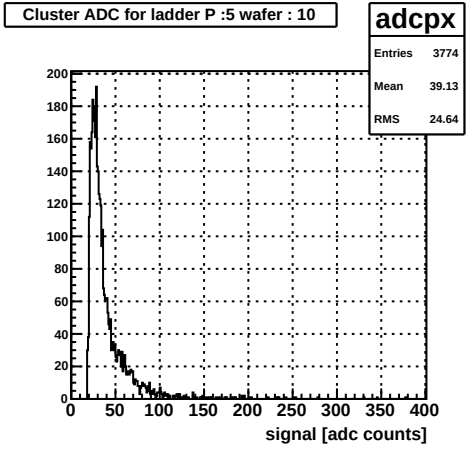

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 6331
Mean 39.99
RMS 40.31
signal [adc counts]

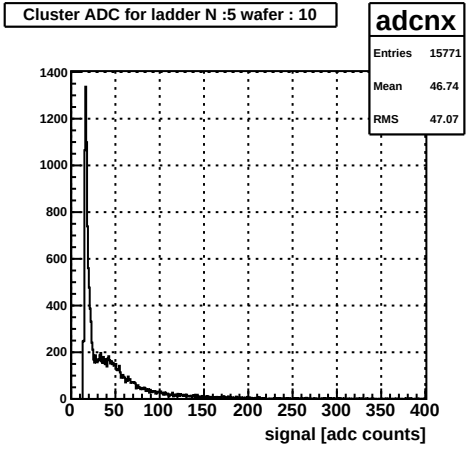

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 4
Mean 0
RMS 0
signal [adc counts]

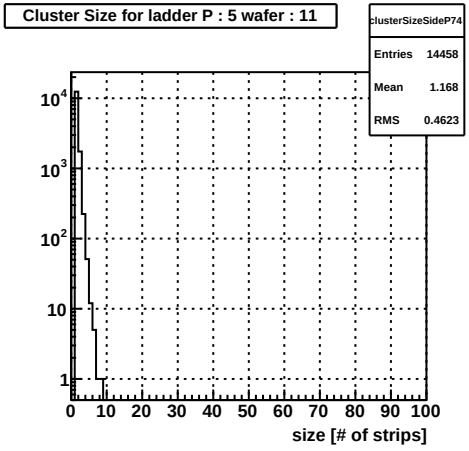

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 3774
Mean 1.19
RMS 0.4722
size [# of strips]

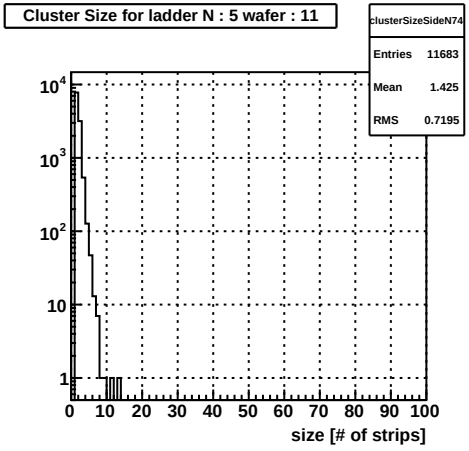

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 15771
Mean 1.309
RMS 0.6204
size [# of strips]

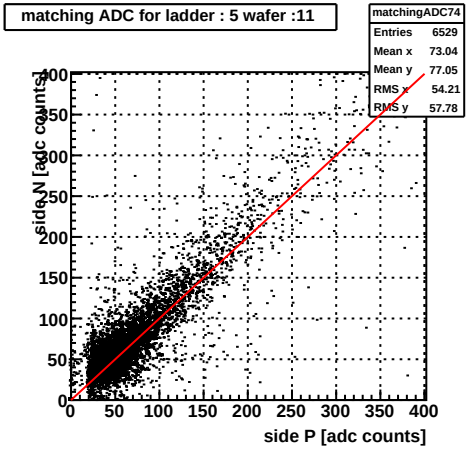

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 281
Mean x 49.15
Mean y 50.26
RMS x 39.05
RMS y 43.47
side N [adc counts]
side P [adc counts]

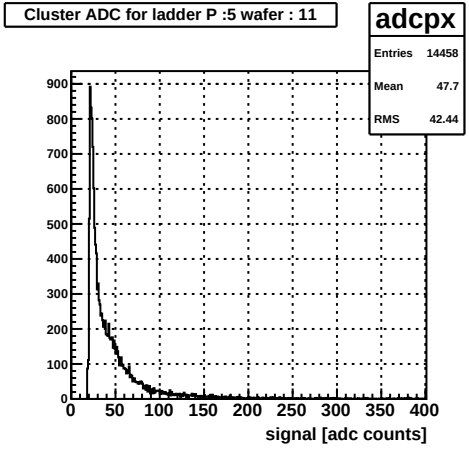

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 3774
Mean 39.13
RMS 24.64
signal [adc counts]

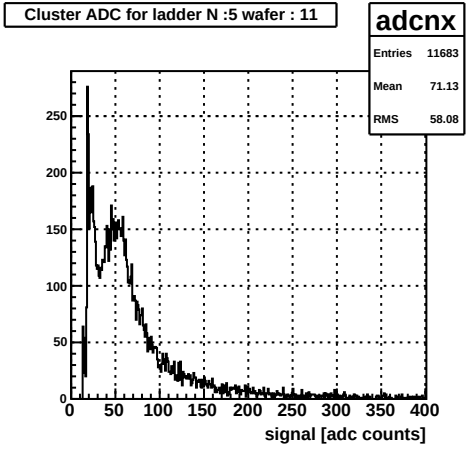

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 15771
Mean 46.74
RMS 47.07
signal [adc counts]

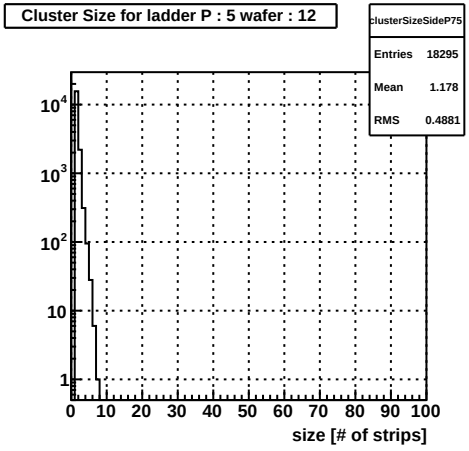

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 14458
Mean 1.168
RMS 0.4623
size [# of strips]

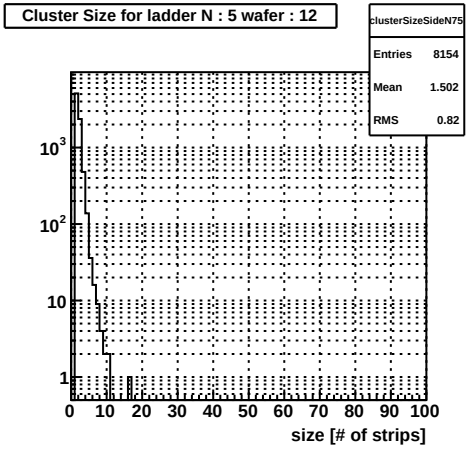

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 11683
Mean 1.425
RMS 0.7195
size [# of strips]

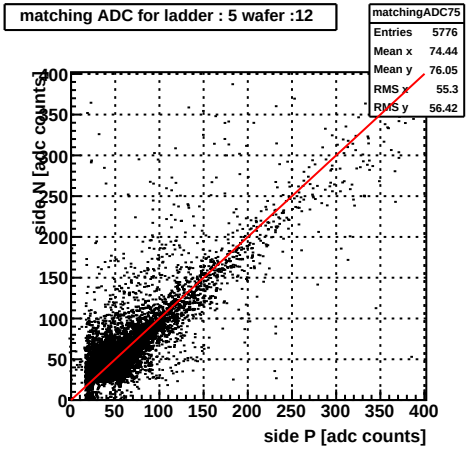

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 6529
Mean x 73.04
Mean y 77.05
RMS x 54.21
RMS y 57.78
side N [adc counts]
side P [adc counts]

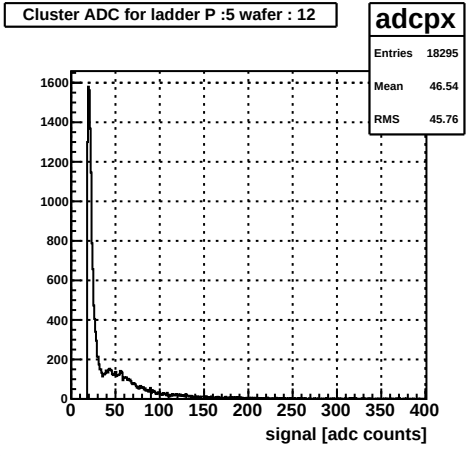

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 14458
Mean 47.7
RMS 42.44
signal [adc counts]

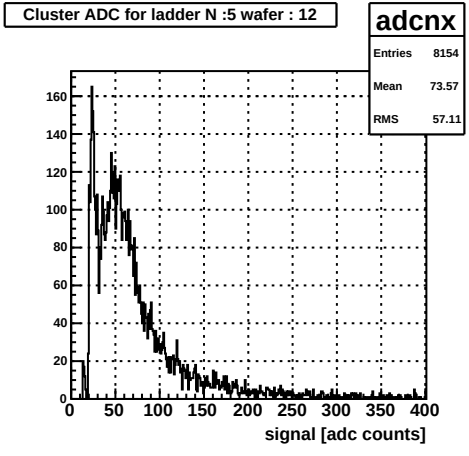

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 11683
Mean 71.13
RMS 58.08
signal [adc counts]

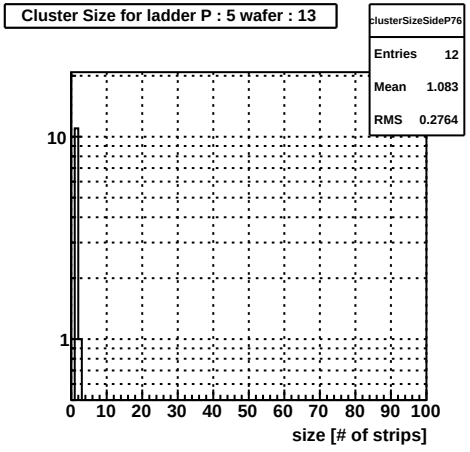

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 18295
Mean 1.178
RMS 0.4881
size [# of strips]

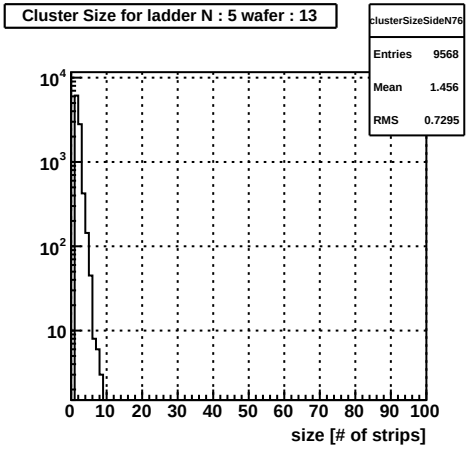

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 8154
Mean 1.502
RMS 0.82
size [# of strips]

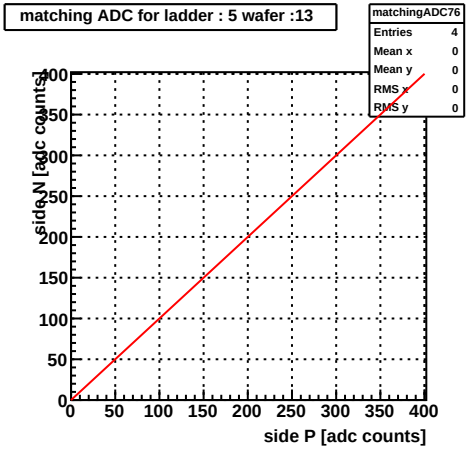

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 5776
Mean x 74.44
Mean y 76.05
RMS x 55.3
RMS y 56.42
side N [adc counts]
side P [adc counts]

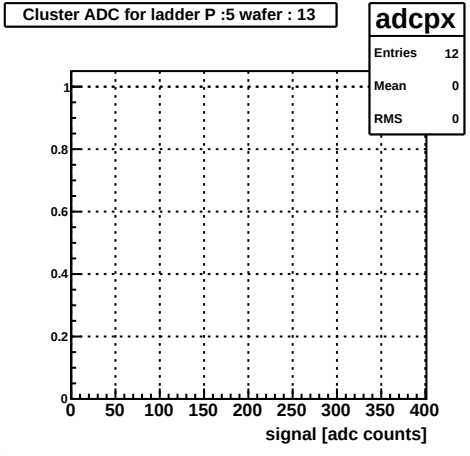

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 18295
Mean 46.54
RMS 45.76
signal [adc counts]

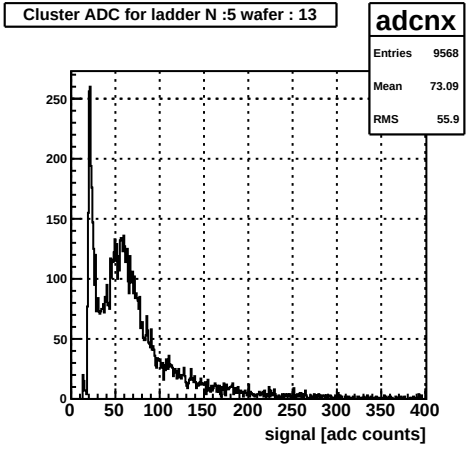

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 8154
Mean 73.57
RMS 57.11
signal [adc counts]

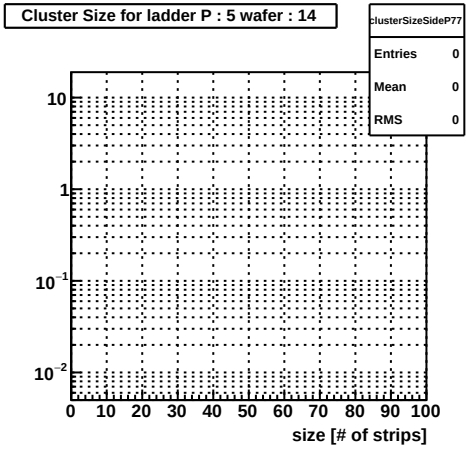

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 12
Mean 1.083
RMS 0.2764
size [# of strips]

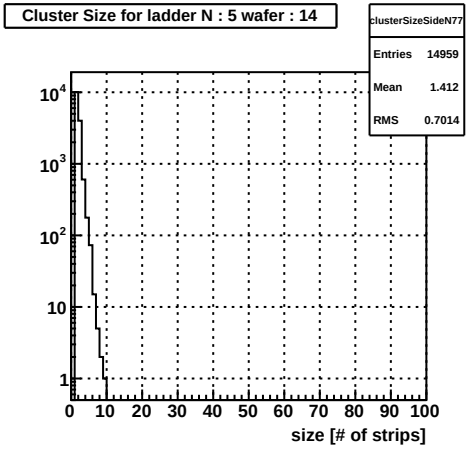

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 9568
Mean 1.456
RMS 0.7295
size [# of strips]

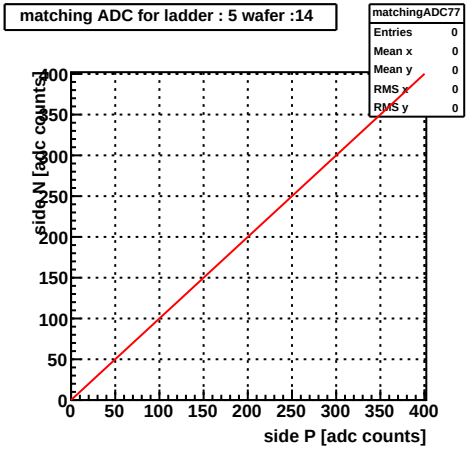

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

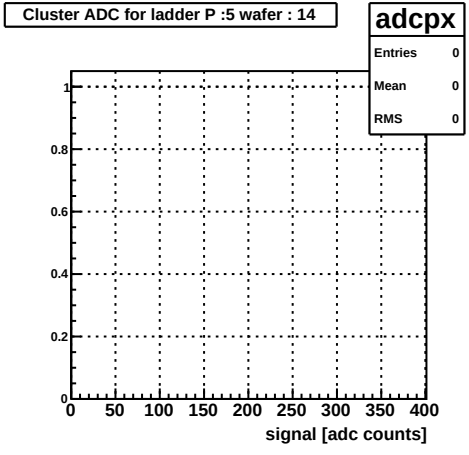

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 12
Mean 0
RMS 0
signal [adc counts]

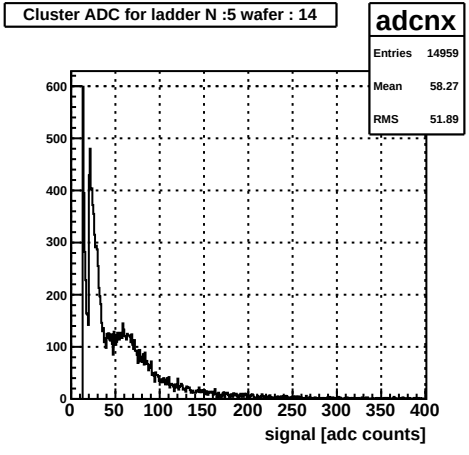

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 9568
Mean 73.09
RMS 55.9
signal [adc counts]

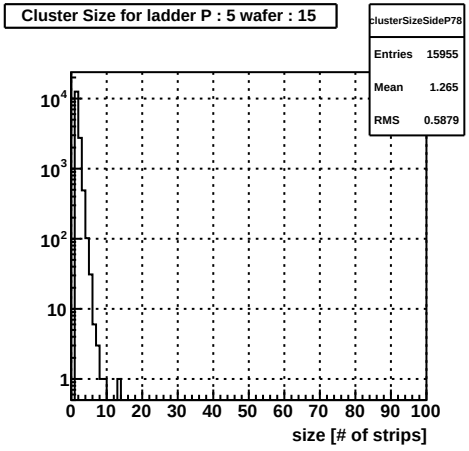

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

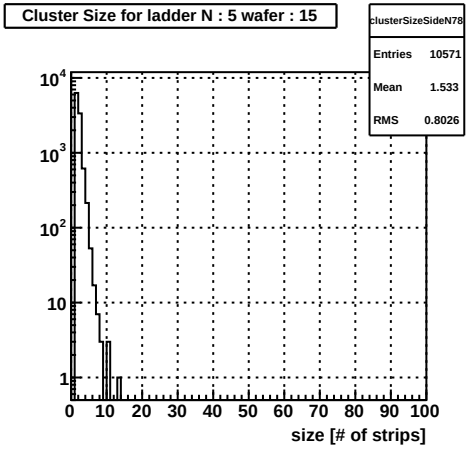

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 14959
Mean 1.412
RMS 0.7014
size [# of strips]

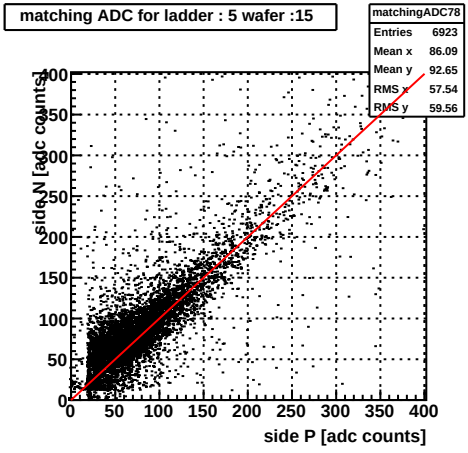

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

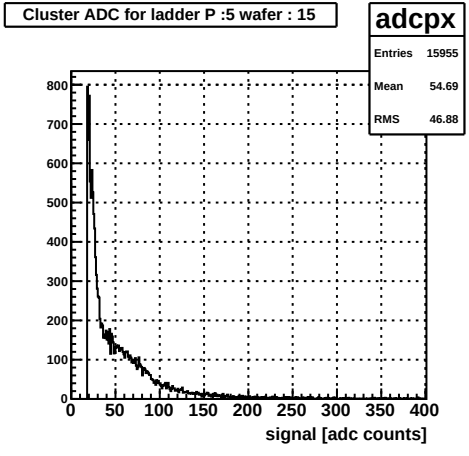

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

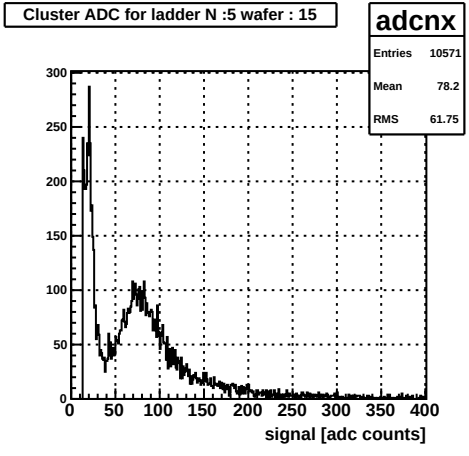

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 14959
Mean 58.27
RMS 51.89
signal [adc counts]

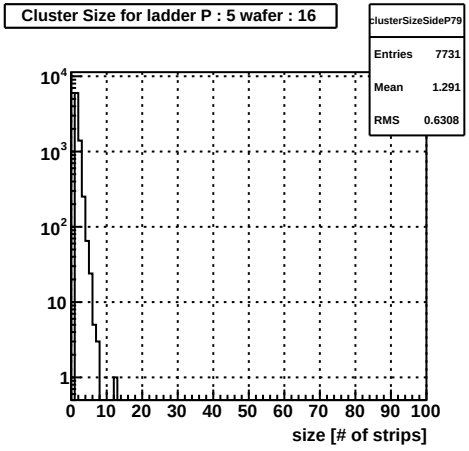

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 15955
Mean 1.265
RMS 0.5879
size [# of strips]

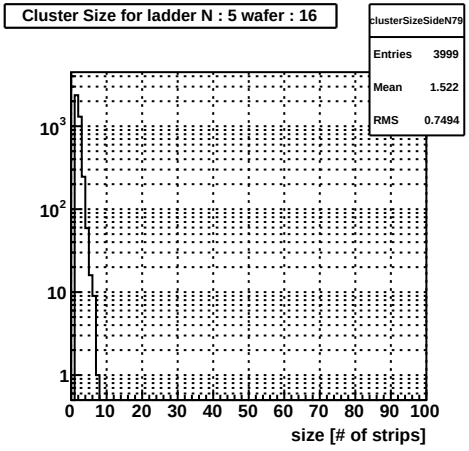

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 10571
Mean 1.533
RMS 0.8026
size [# of strips]

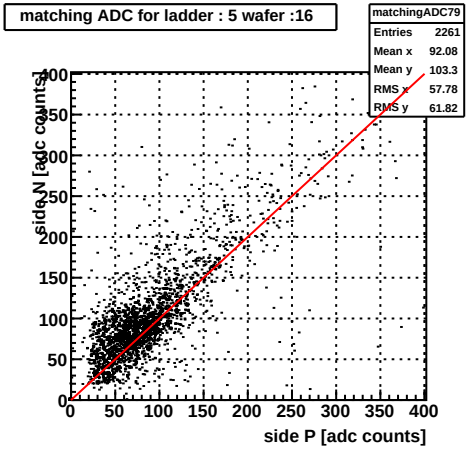

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 6923
Mean x 86.09
Mean y 92.65
RMS x 57.54
RMS y 59.56
side N [adc counts]
side P [adc counts]

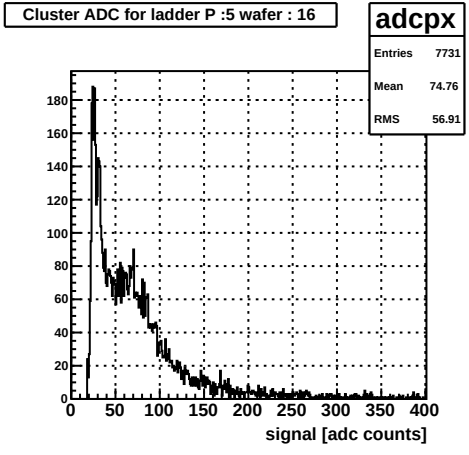

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 15955
Mean 54.69
RMS 46.88
signal [adc counts]

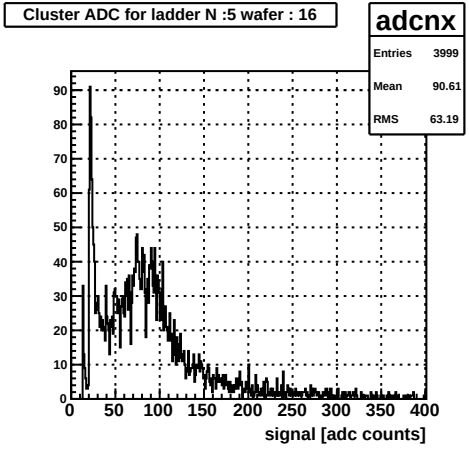

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 10571
Mean 78.2
RMS 61.75
signal [adc counts]

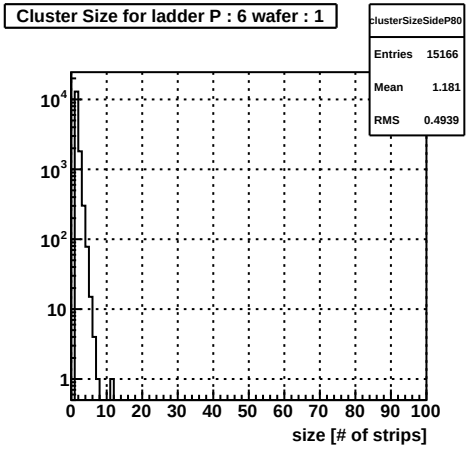

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 7731
Mean 1.291
RMS 0.6308
size [# of strips]

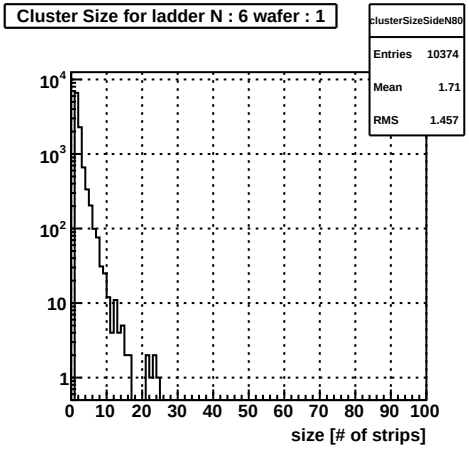

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 3999
Mean 1.522
RMS 0.7494
size [# of strips]

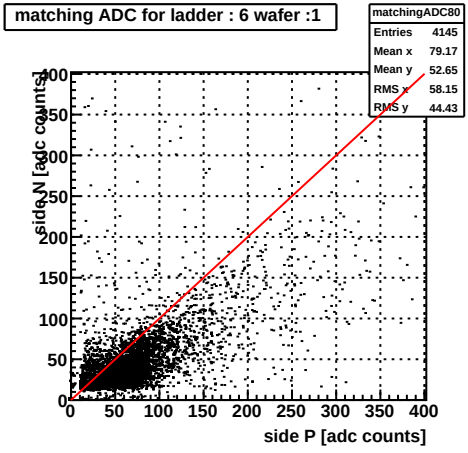

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 2261
Mean x 92.08
Mean y 103.3
RMS x 57.78
RMS y 61.82
side N [adc counts]
side P [adc counts]

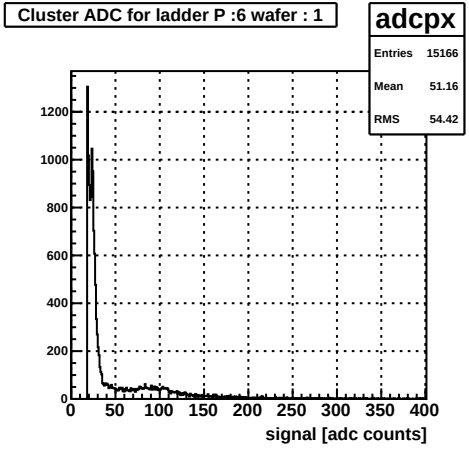

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 7731
Mean 74.76
RMS 56.91
signal [adc counts]

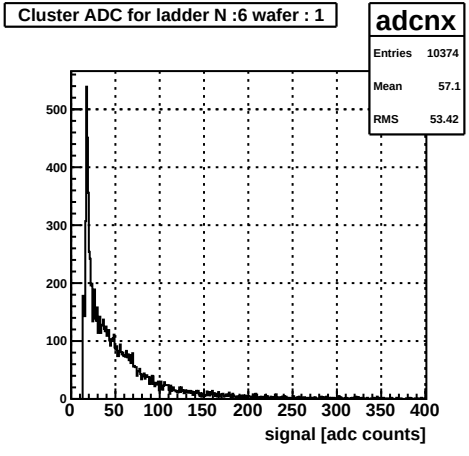

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 3999
Mean 90.61
RMS 63.19
signal [adc counts]

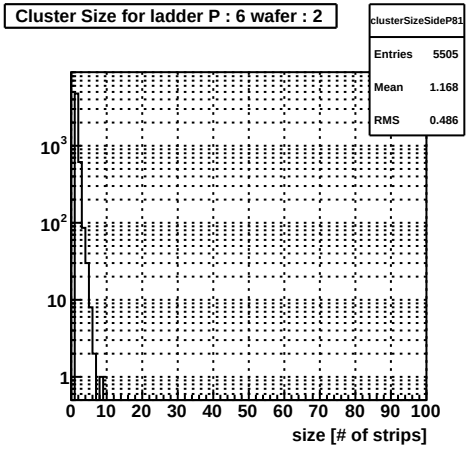

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 15166
Mean 1.181
RMS 0.4939
size [# of strips]

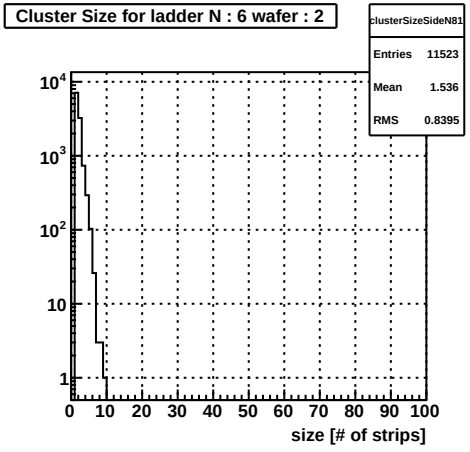

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 10374
Mean 1.71
RMS 1.457
size [# of strips]

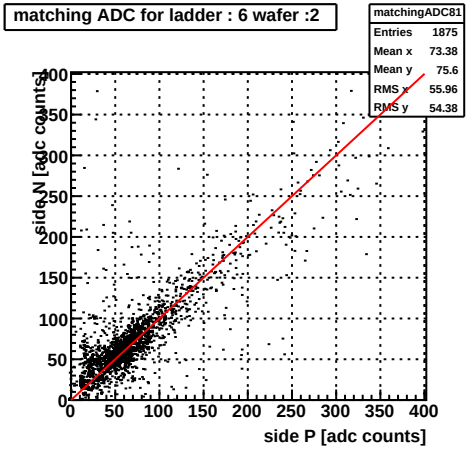

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 4145
Mean x 79.17
Mean y 52.65
RMS x 58.15
RMS y 44.43
side N [adc counts]
side P [adc counts]

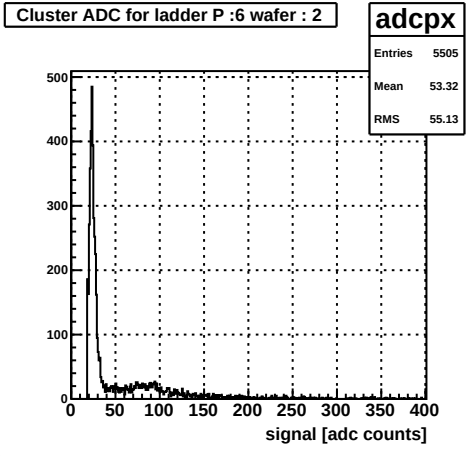

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 15166
Mean 51.16
RMS 54.42
signal [adc counts]

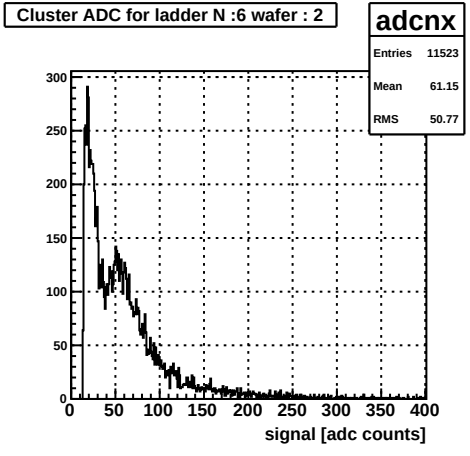

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 10374
Mean 57.1
RMS 53.42
signal [adc counts]

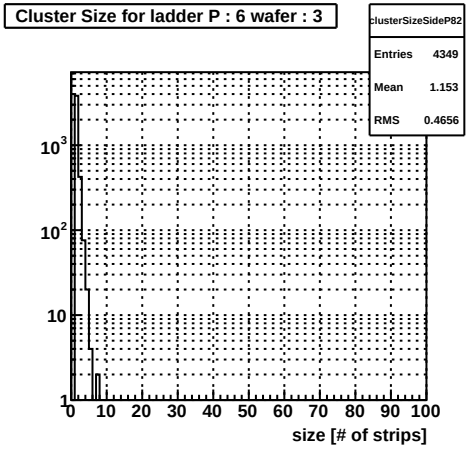

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 5505
Mean 1.168
RMS 0.486
size [# of strips]

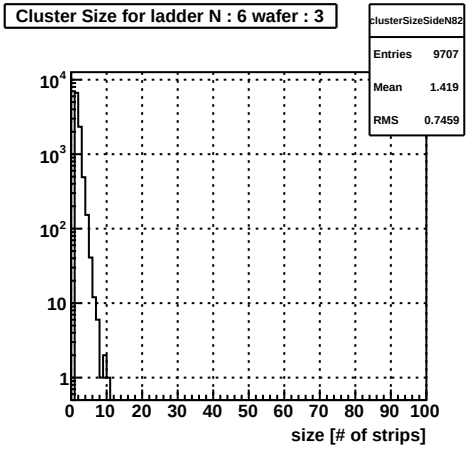

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 11523
Mean 1.536
RMS 0.8395
size [# of strips]

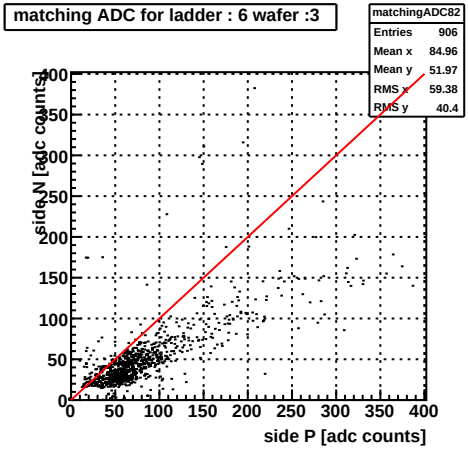

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 1875
Mean x 73.38
Mean y 75.6
RMS x 55.96
RMS y 54.38
side N [adc counts]
side P [adc counts]

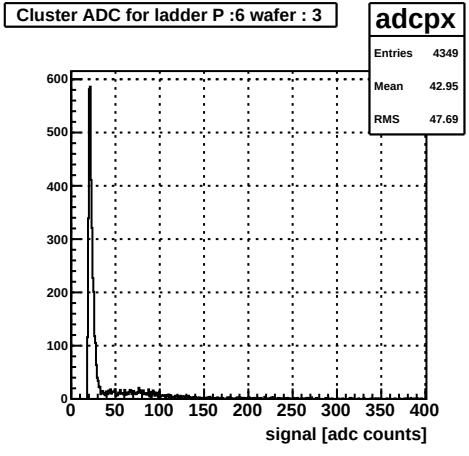

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 5505
Mean 53.32
RMS 55.13
signal [adc counts]

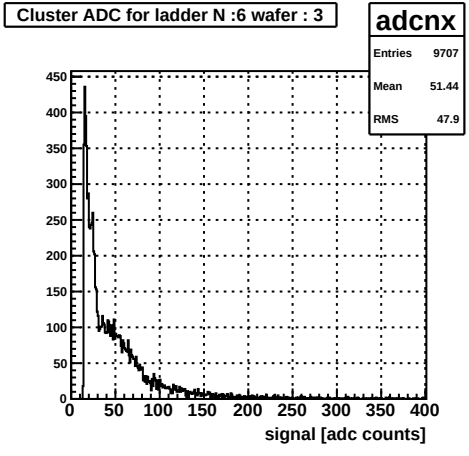

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 11523
Mean 61.15
RMS 50.77
signal [adc counts]

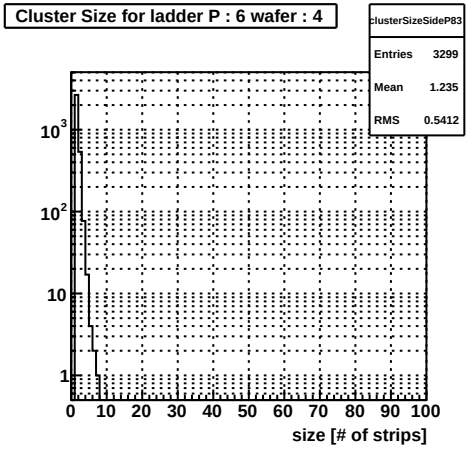

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 4349
Mean 1.153
RMS 0.4656
size [# of strips]

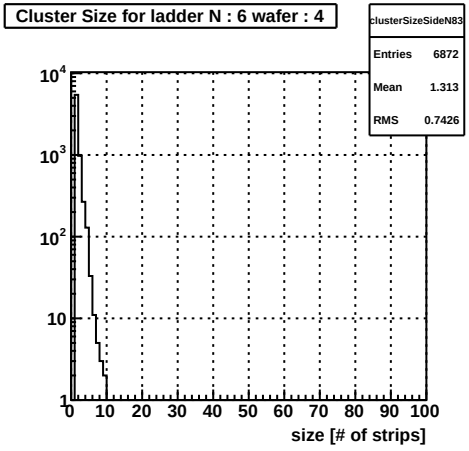

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 9707
Mean 1.419
RMS 0.7459
size [# of strips]

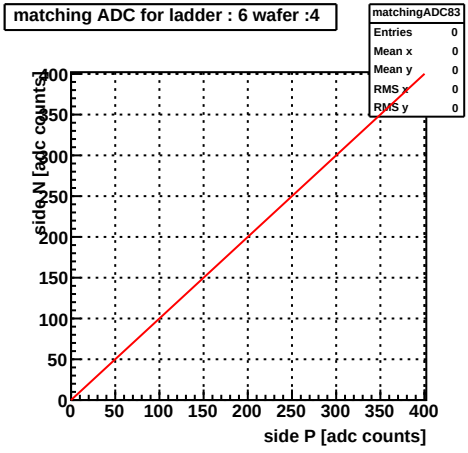

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 906
Mean x 84.96
Mean y 51.97
RMS x 59.38
RMS y 40.4
side N [adc counts]
side P [adc counts]

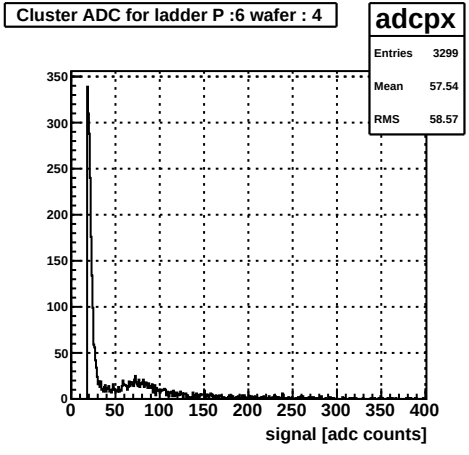

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 4349
Mean 42.95
RMS 47.69
signal [adc counts]

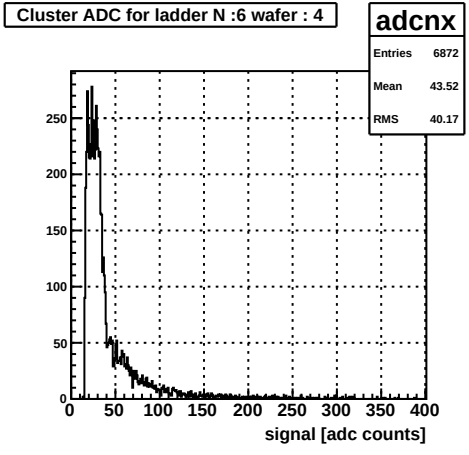

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 9707
Mean 51.44
RMS 47.9
signal [adc counts]

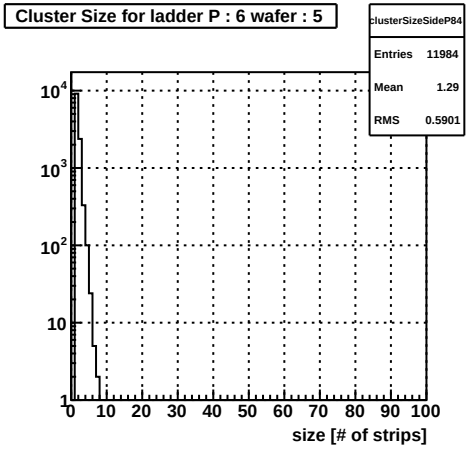

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 3299
Mean 1.235
RMS 0.5412
size [# of strips]

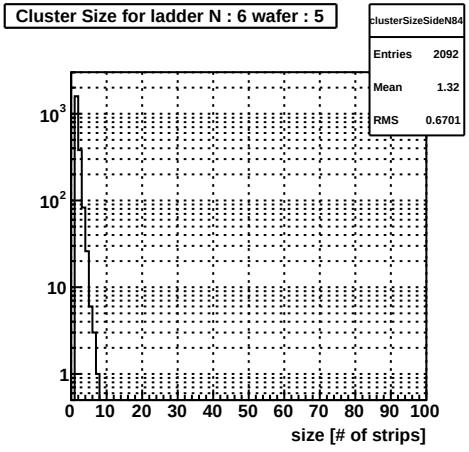

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 6872
Mean 1.313
RMS 0.7426
size [# of strips]

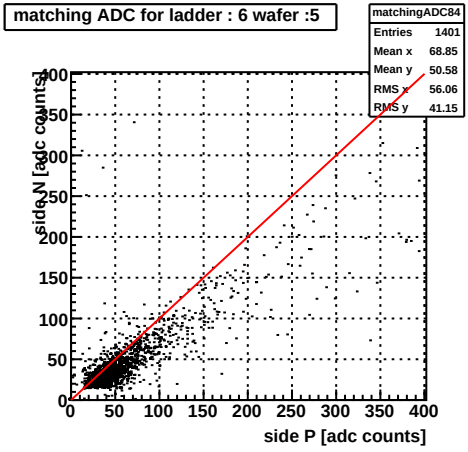

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

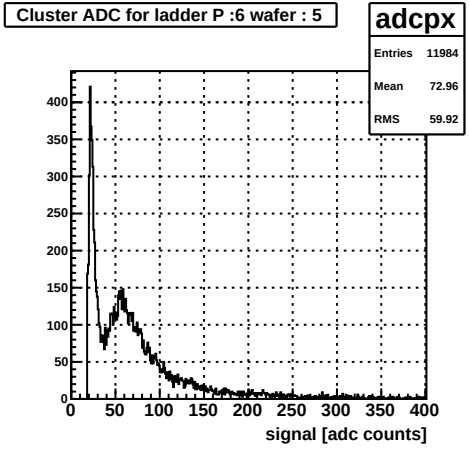

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 3299
Mean 57.54
RMS 58.57
signal [adc counts]

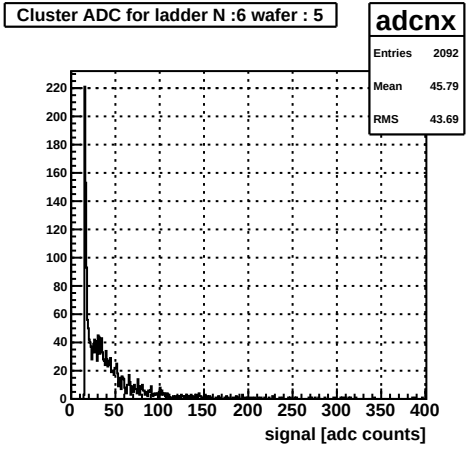

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 6872
Mean 43.52
RMS 40.17
signal [adc counts]

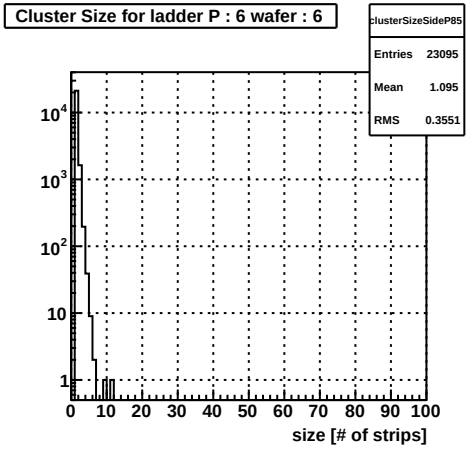

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 11984
Mean 1.29
RMS 0.5901
size [# of strips]

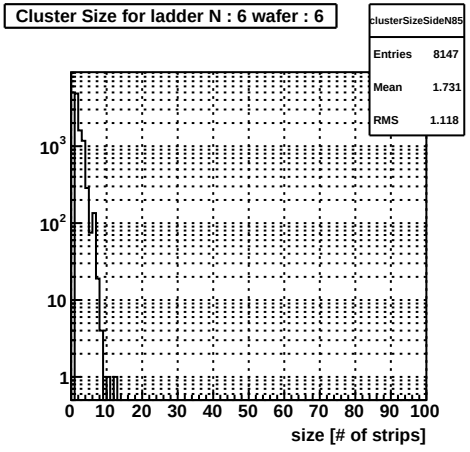

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 2092
Mean 1.32
RMS 0.6701
size [# of strips]

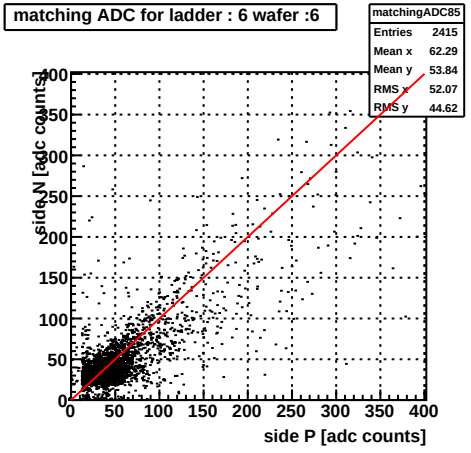

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 1401
Mean x 68.85
Mean y 50.58
RMS x 56.06
RMS y 41.15
side N [adc counts]
side P [adc counts]

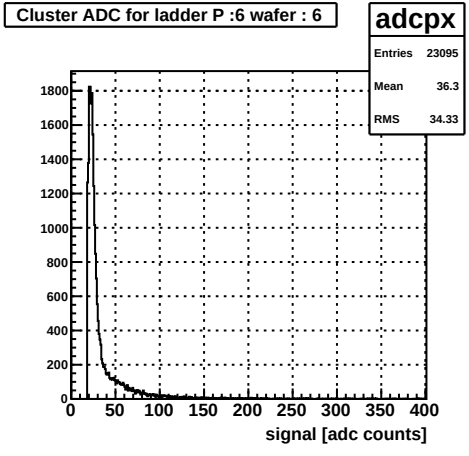

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 11984
Mean 72.96
RMS 59.92
signal [adc counts]

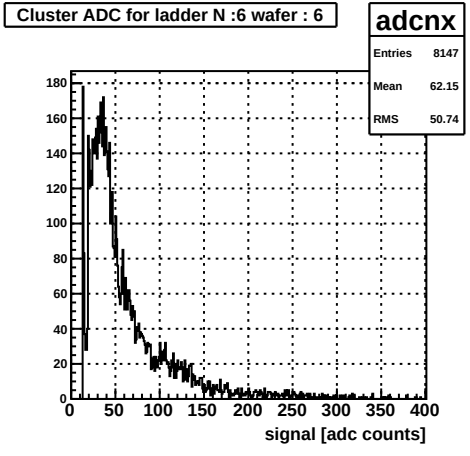

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 2092
Mean 45.79
RMS 43.69
signal [adc counts]

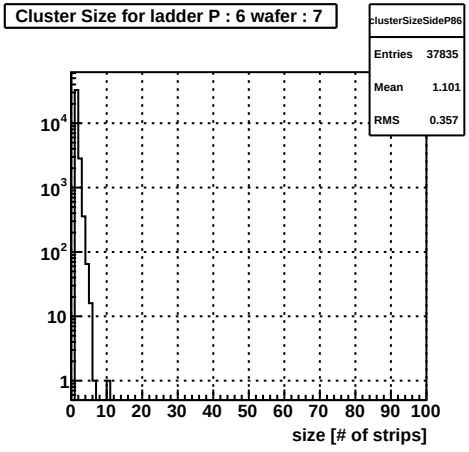

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 23095
Mean 1.095
RMS 0.3551
size [# of strips]

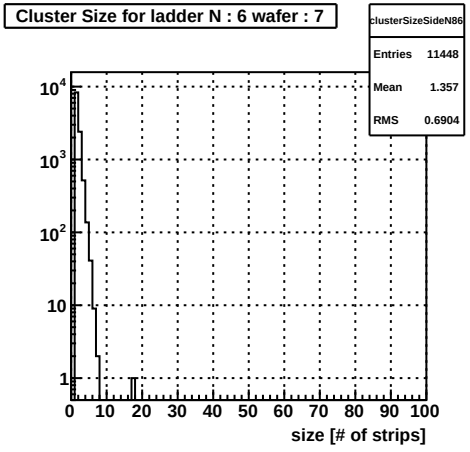

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 8147
Mean 1.731
RMS 1.118
size [# of strips]

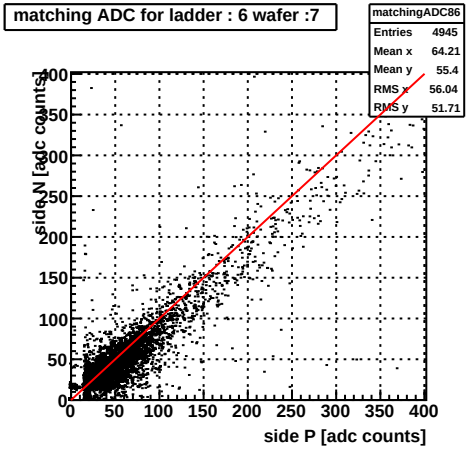

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 2415
Mean x 62.29
Mean y 53.84
RMS x 52.07
RMS y 44.62
side N [adc counts]
side P [adc counts]

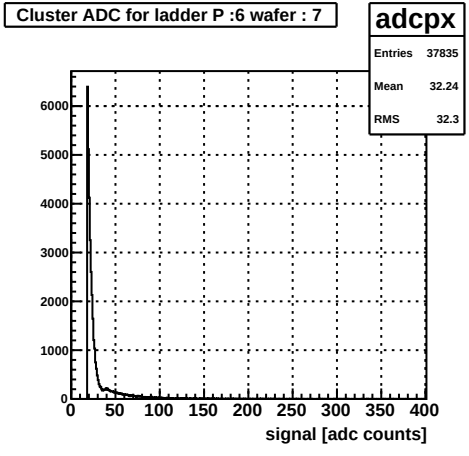

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 23095
Mean 36.3
RMS 34.33
signal [adc counts]

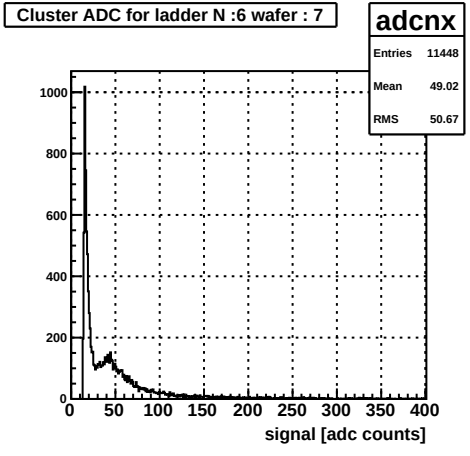

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 8147
Mean 62.15
RMS 50.74
signal [adc counts]

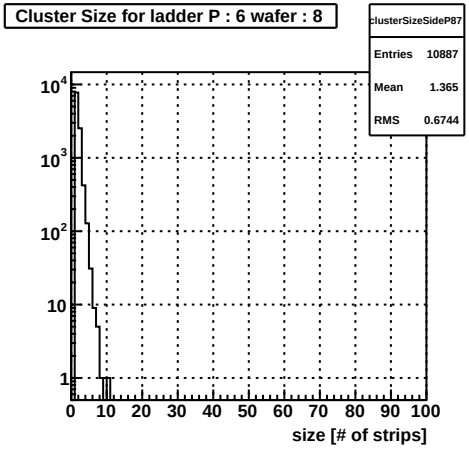

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 37835
Mean 1.101
RMS 0.357
size [# of strips]

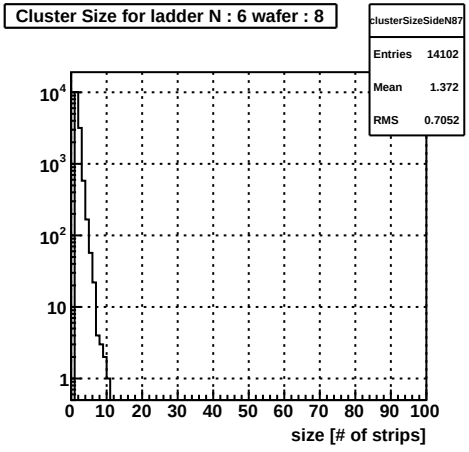

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 11448
Mean 1.357
RMS 0.6904
size [# of strips]

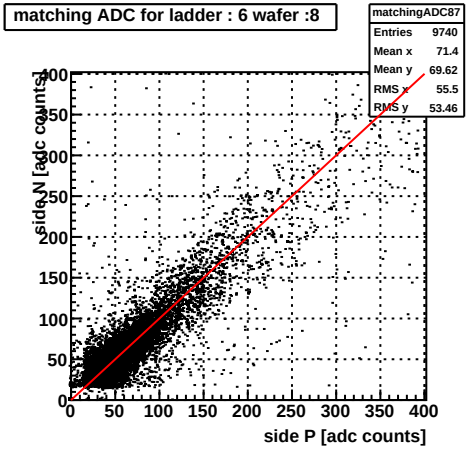

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 4945
Mean x 64.21
Mean y 55.4
RMS x 56.04
RMS y 51.71
side N [adc counts]
side P [adc counts]

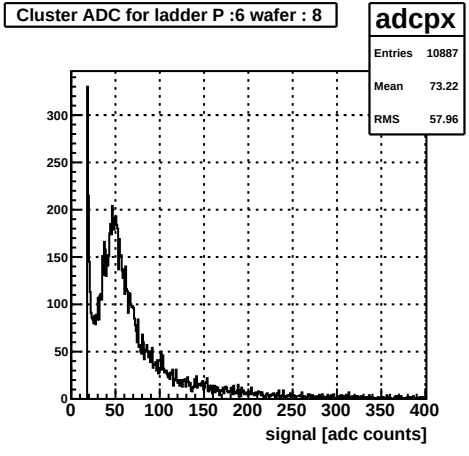

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 37835
Mean 32.24
RMS 32.3
signal [adc counts]

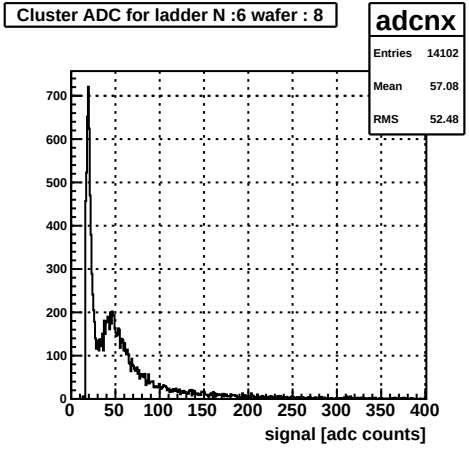

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 11448
Mean 49.02
RMS 50.67
signal [adc counts]

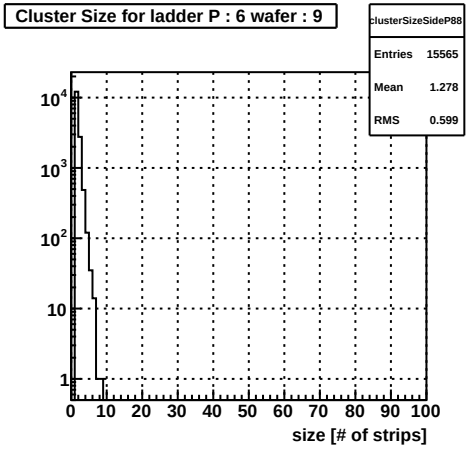

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 10887
Mean 1.365
RMS 0.6744
size [# of strips]

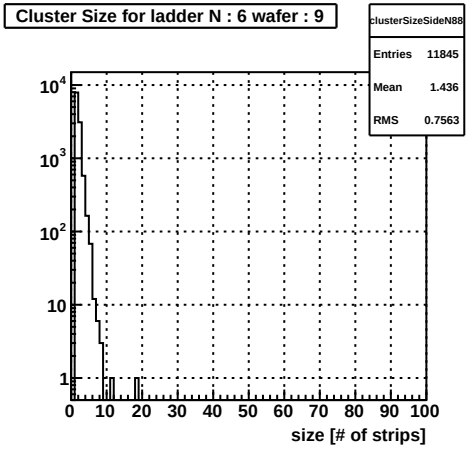

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 14102
Mean 1.372
RMS 0.7052
size [# of strips]

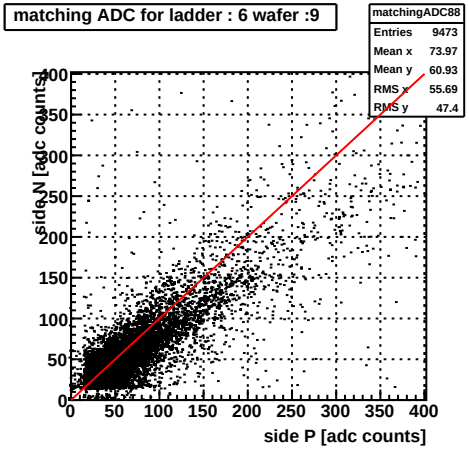

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 9740
Mean x 71.4
Mean y 69.62
RMS x 55.5
RMS y 53.46
side N [adc counts]
side P [adc counts]

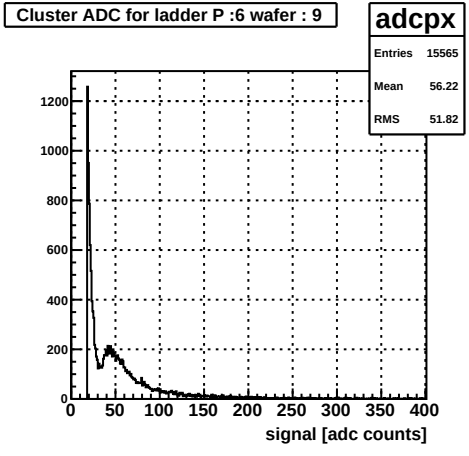

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 10887
Mean 73.22
RMS 57.96
signal [adc counts]

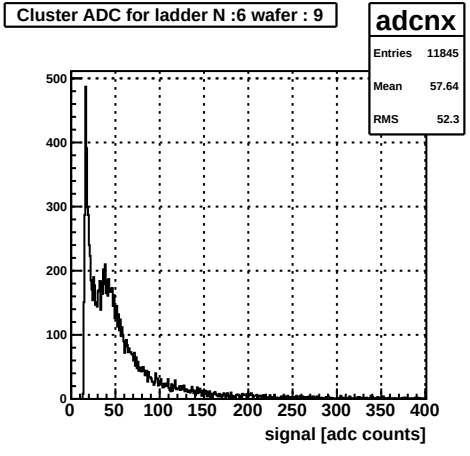

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 14102
Mean 57.08
RMS 52.48
signal [adc counts]

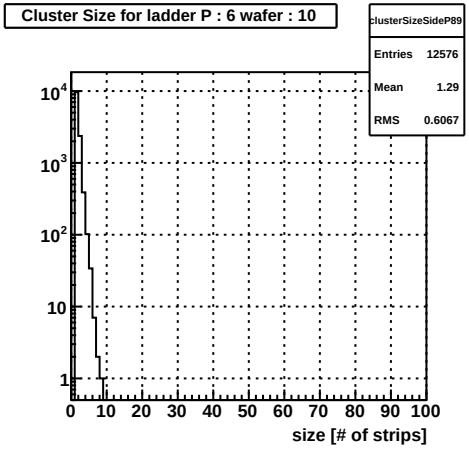

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 15565
Mean 1.278
RMS 0.599
size [# of strips]

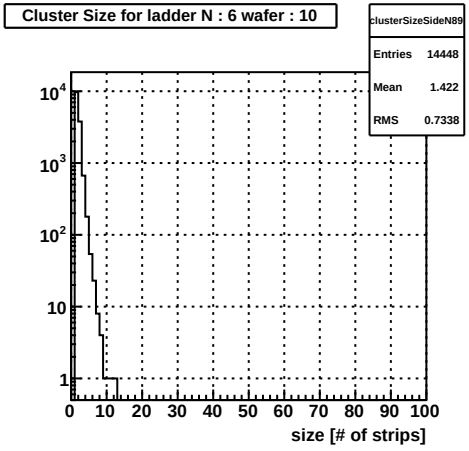

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 11845
Mean 1.436
RMS 0.7563
size [# of strips]

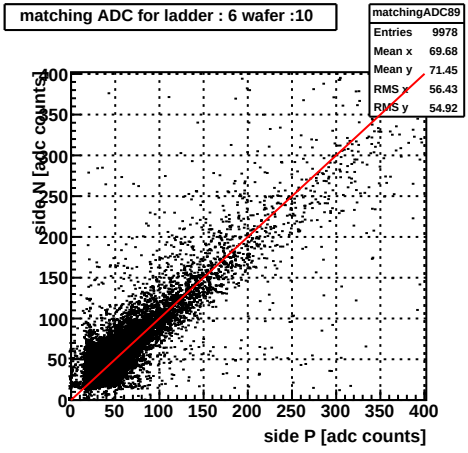

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 9473
Mean x 73.97
Mean y 60.93
RMS x 55.69
RMS y 47.4
side N [adc counts]
side P [adc counts]

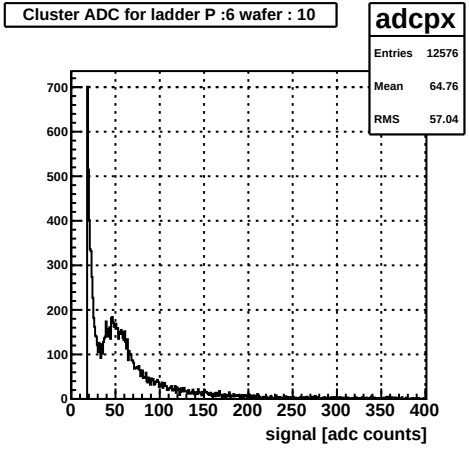

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 15565
Mean 56.22
RMS 51.82
signal [adc counts]

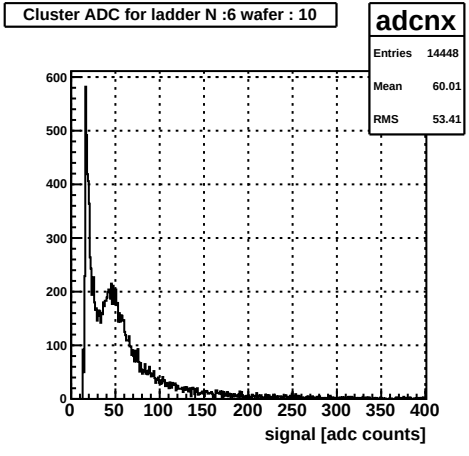

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 11845
Mean 57.64
RMS 52.3
signal [adc counts]

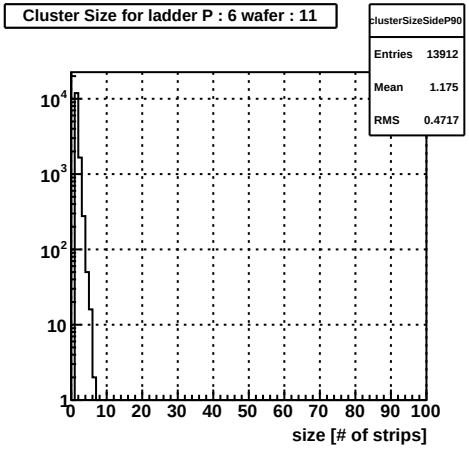

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 12576
Mean 1.29
RMS 0.6067
size [# of strips]

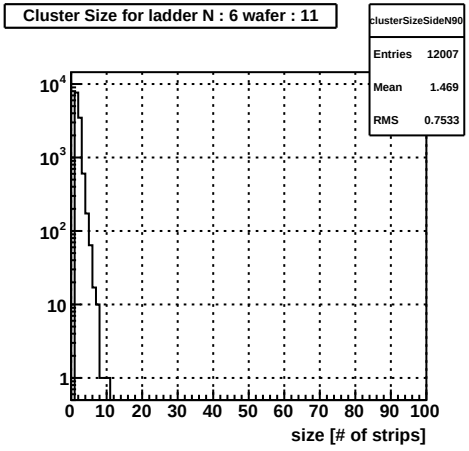

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 14448
Mean 1.422
RMS 0.7338
size [# of strips]

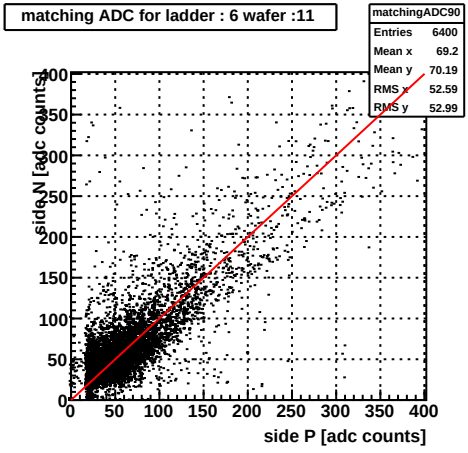

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 9978
Mean x 69.68
Mean y 71.45
RMS x 56.43
RMS y 54.92
side N [adc counts]
side P [adc counts]

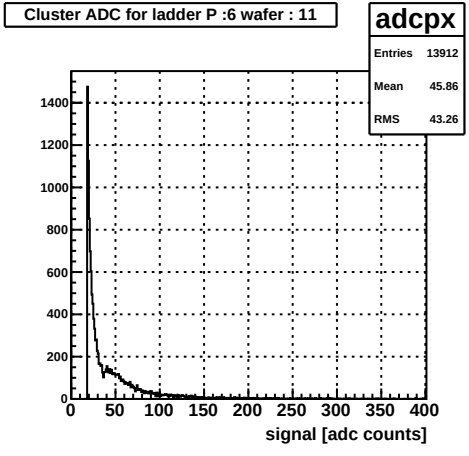

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 12576
Mean 64.76
RMS 57.04
signal [adc counts]

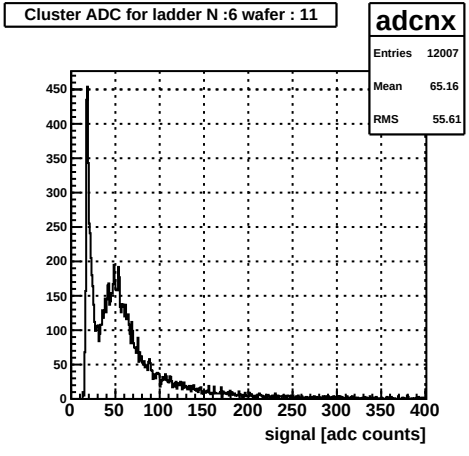

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 14448
Mean 60.01
RMS 53.41
signal [adc counts]

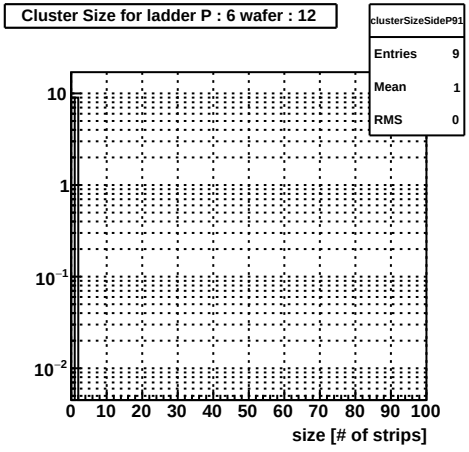

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 13912
Mean 1.175
RMS 0.4717
size [# of strips]

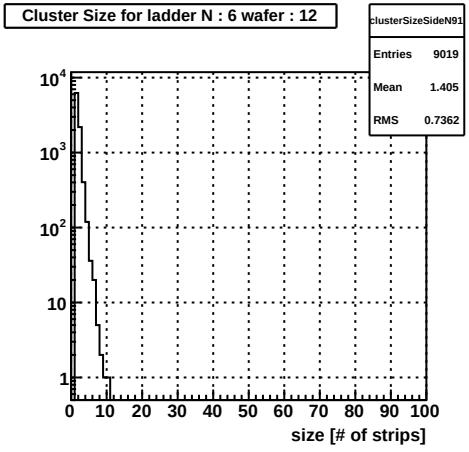

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 12007
Mean 1.469
RMS 0.7533
size [# of strips]

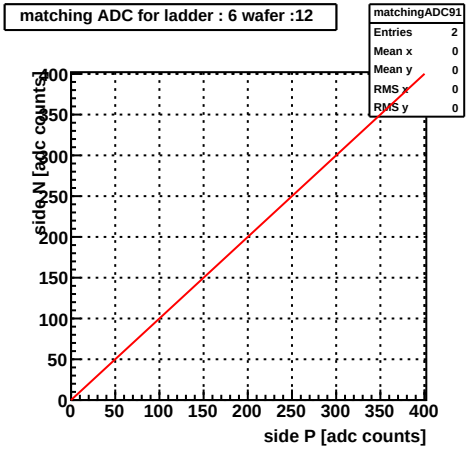

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 6400
Mean x 69.2
Mean y 70.19
RMS x 52.59
RMS y 52.99
side N [adc counts]
side P [adc counts]

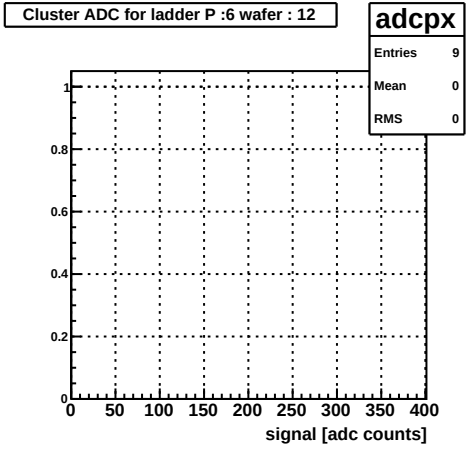

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 13912
Mean 45.86
RMS 43.26
signal [adc counts]

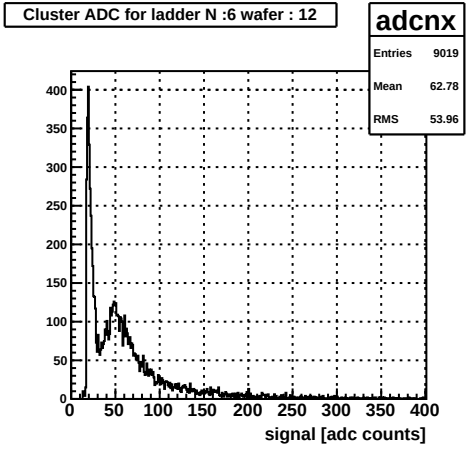

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 12007
Mean 65.16
RMS 55.61
signal [adc counts]

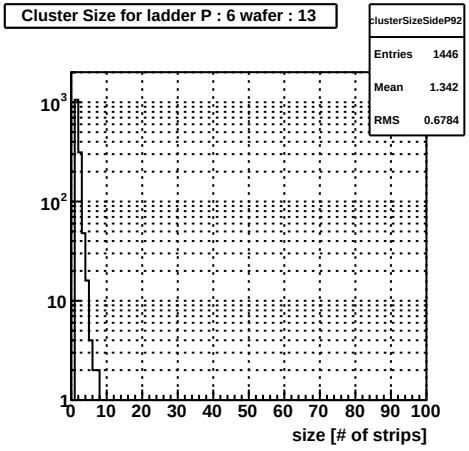

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 9
Mean 1
RMS 0
size [# of strips]

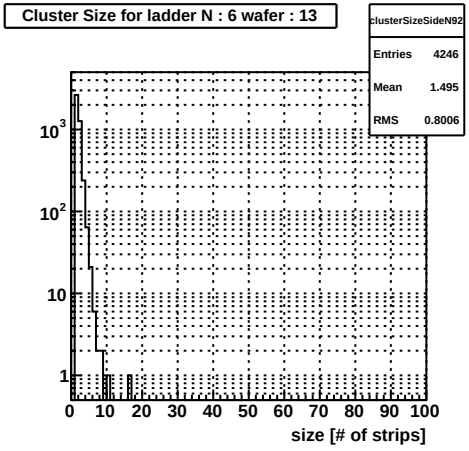

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 9019
Mean 1.405
RMS 0.7362
size [# of strips]

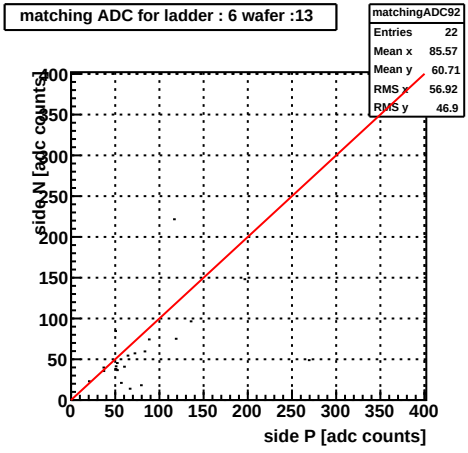

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

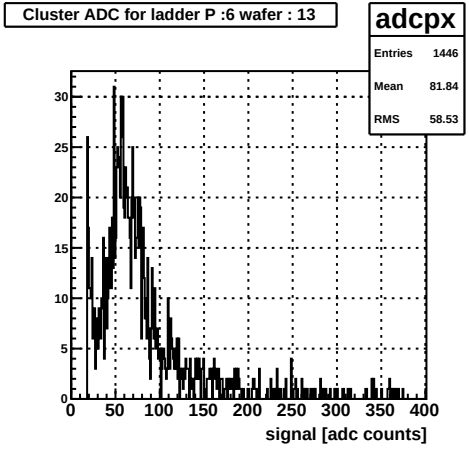

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 9
Mean 0
RMS 0
signal [adc counts]

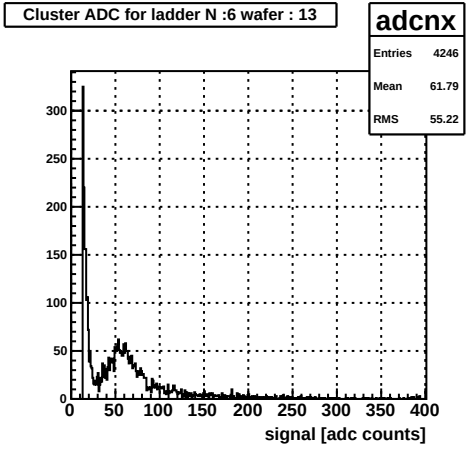

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 9019
Mean 62.78
RMS 53.96
signal [adc counts]

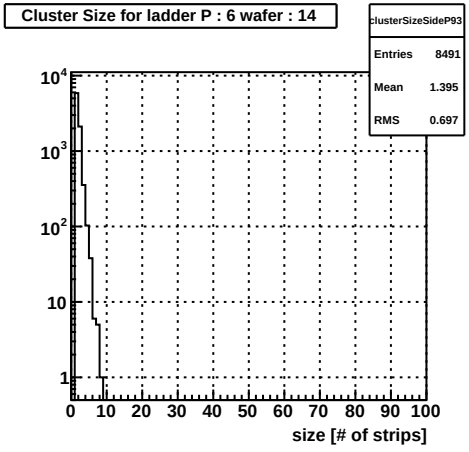

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 1446
Mean 1.342
RMS 0.6784
size [# of strips]

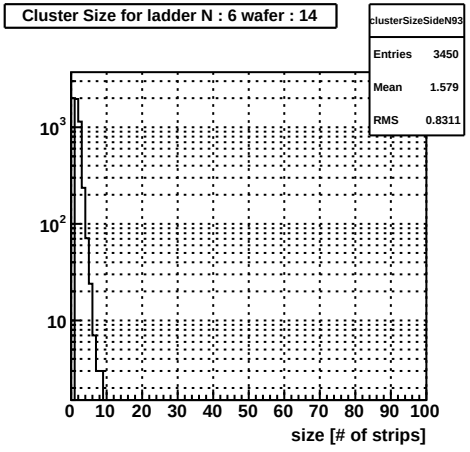

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 4246
Mean 1.495
RMS 0.8006
size [# of strips]

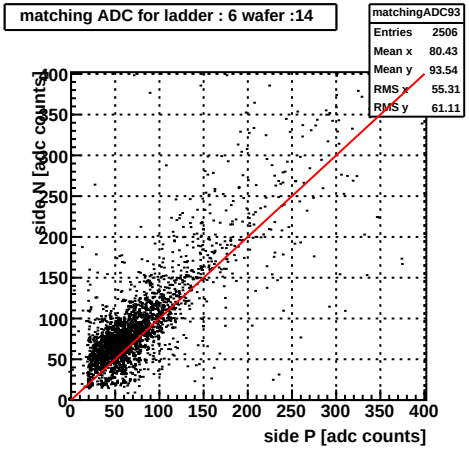

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 22
Mean x 85.57
Mean y 60.71
RMS x 56.92
RMS y 46.9
side N [adc counts]
side P [adc counts]

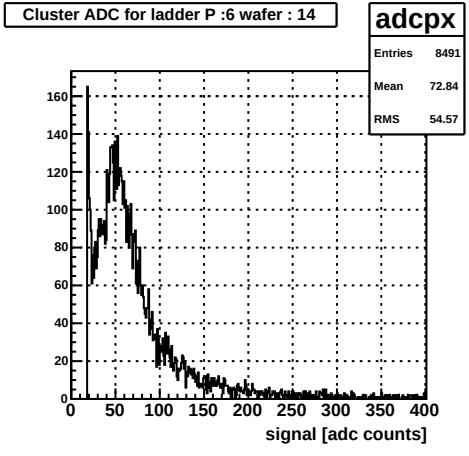

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 1446
Mean 81.84
RMS 58.53
signal [adc counts]

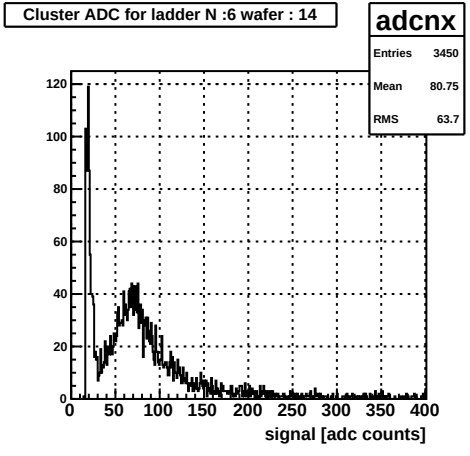

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 4246
Mean 61.79
RMS 55.22
signal [adc counts]

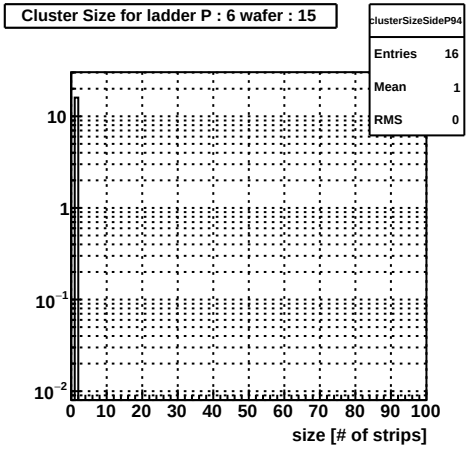

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 8491
Mean 1.395
RMS 0.697
size [# of strips]

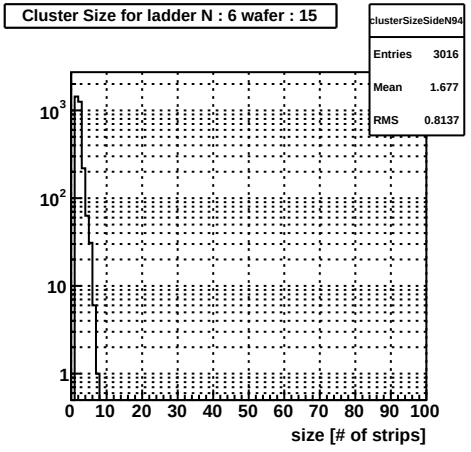

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 3450
Mean 1.579
RMS 0.8311
size [# of strips]

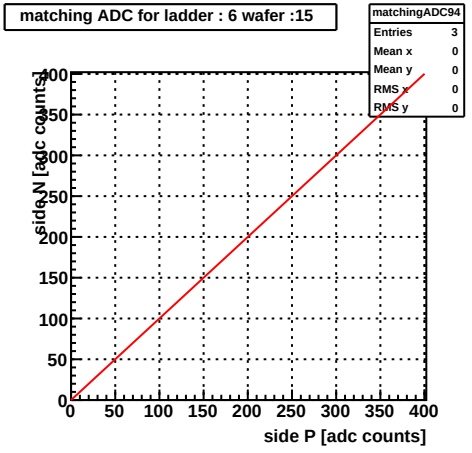

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 2506
Mean x 80.43
Mean y 93.54
RMS x 55.31
RMS y 61.11
side N [adc counts]
side P [adc counts]

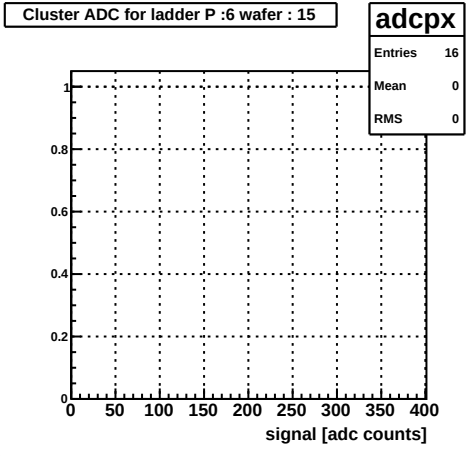

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 8491
Mean 72.84
RMS 54.57
signal [adc counts]

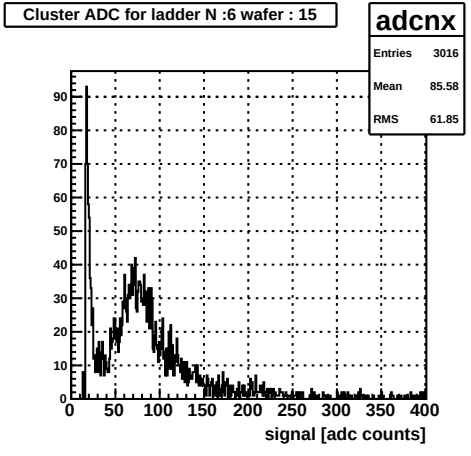

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 3450
Mean 80.75
RMS 63.7
signal [adc counts]

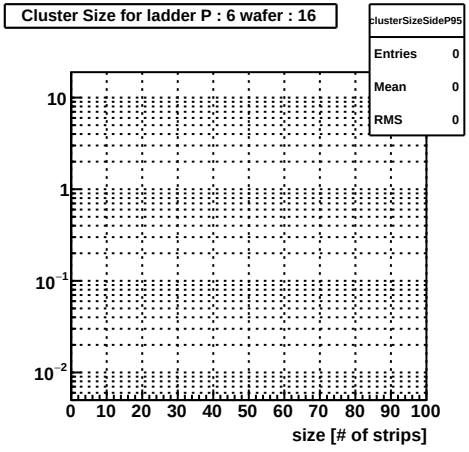

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 16
Mean 1
RMS 0
size [# of strips]

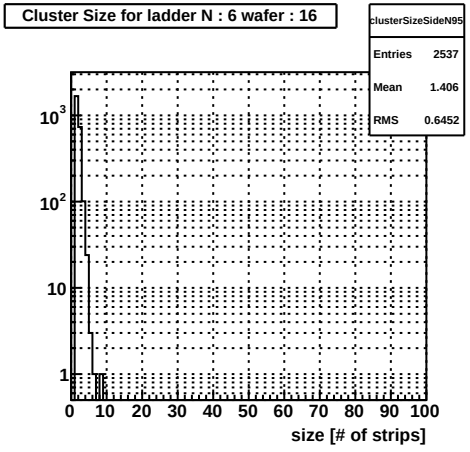

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 3016
Mean 1.677
RMS 0.8137
size [# of strips]

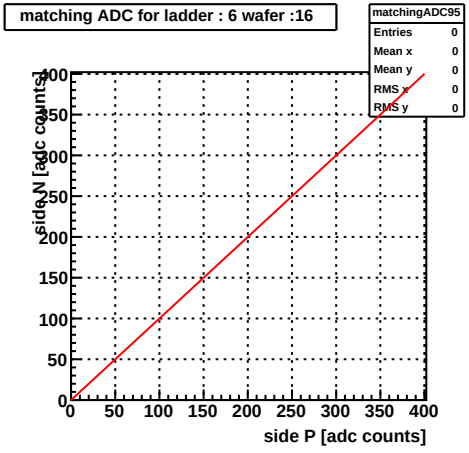

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

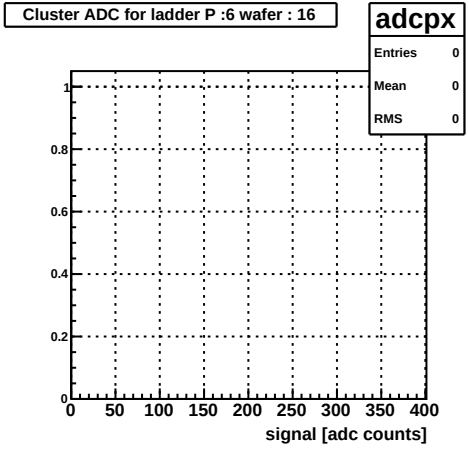

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 16
Mean 0
RMS 0
signal [adc counts]

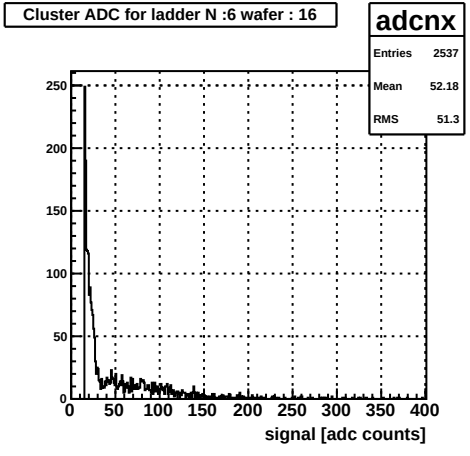

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 3016
Mean 85.58
RMS 61.85
signal [adc counts]

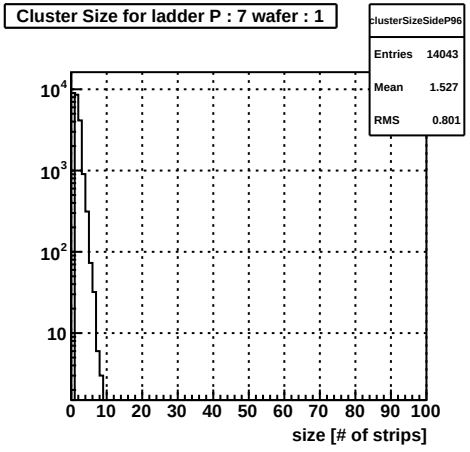

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

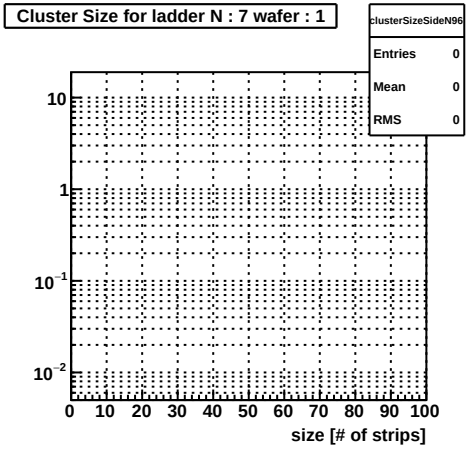

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 2537
Mean 1.406
RMS 0.6452
size [# of strips]

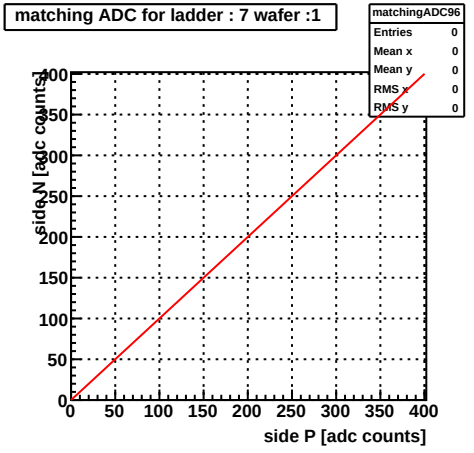

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

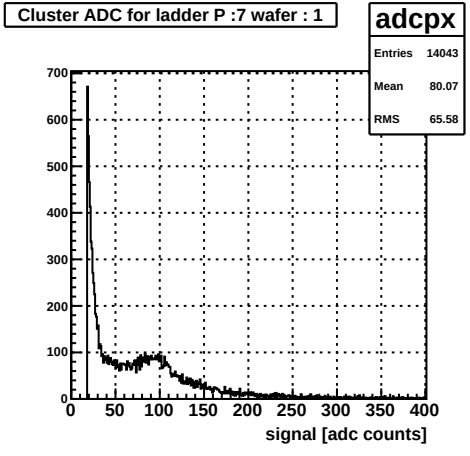

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

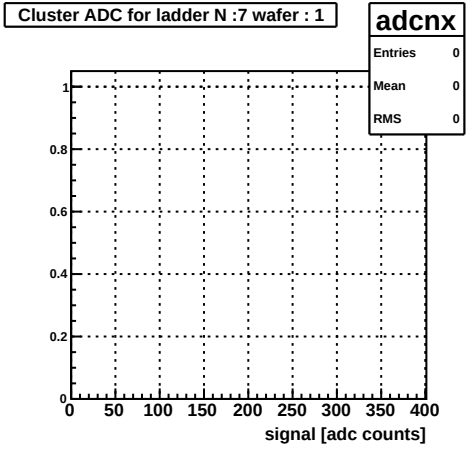

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 2537
Mean 52.18
RMS 51.3
signal [adc counts]

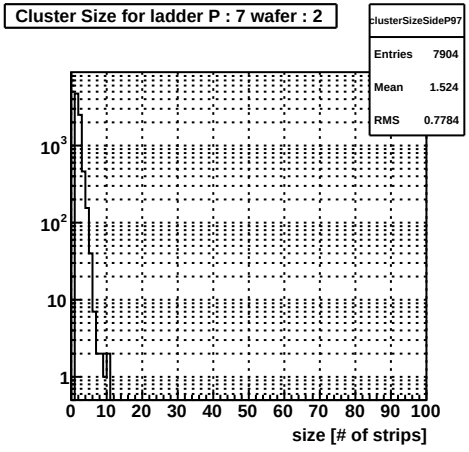

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 14043
Mean 1.527
RMS 0.801
size [# of strips]

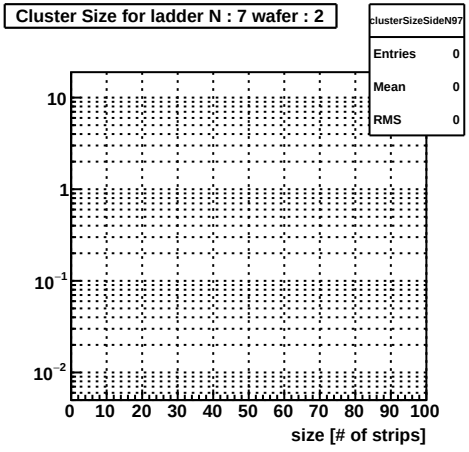

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

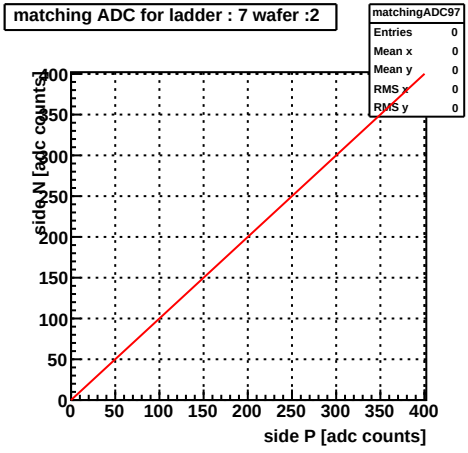

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

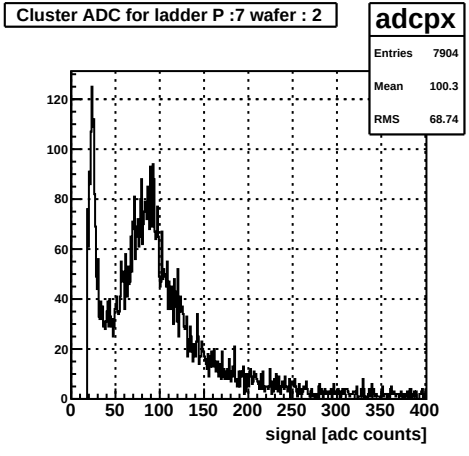

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 14043
Mean 80.07
RMS 65.58
signal [adc counts]

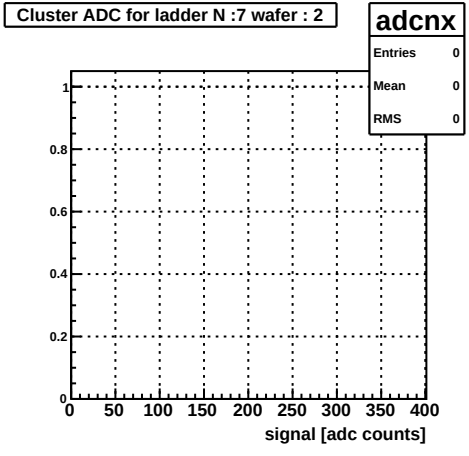

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

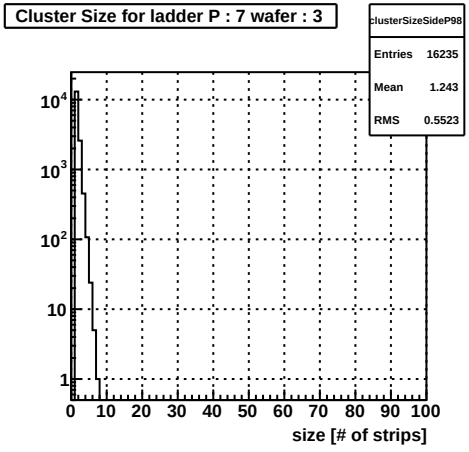

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 7904
Mean 1.524
RMS 0.7784
size [# of strips]

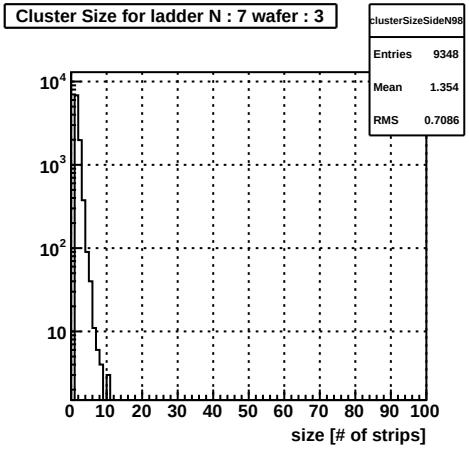

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

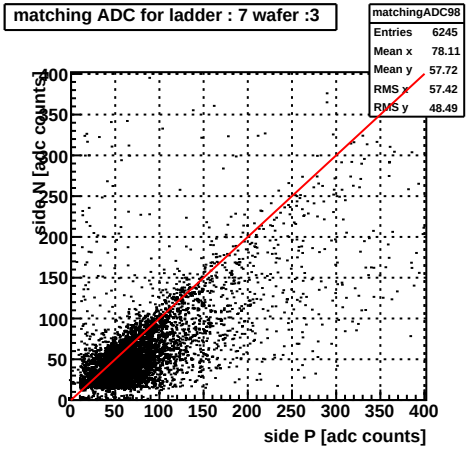

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

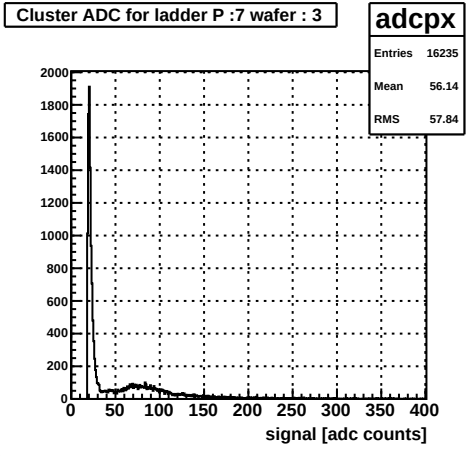

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 7904
Mean 100.3
RMS 68.74
signal [adc counts]

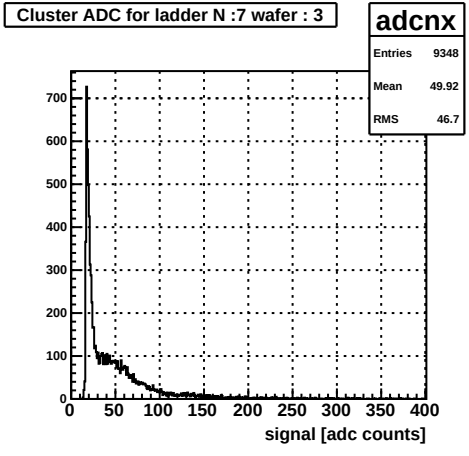

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

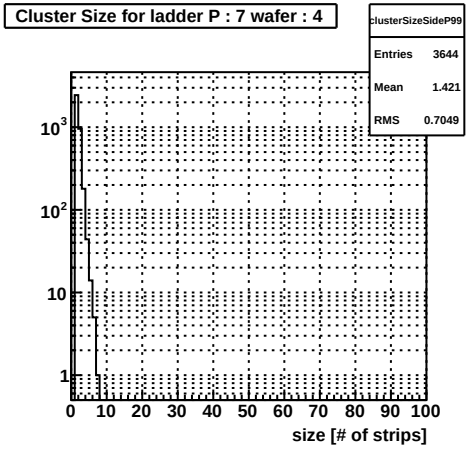

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 16235
Mean 1.243
RMS 0.5523
size [# of strips]

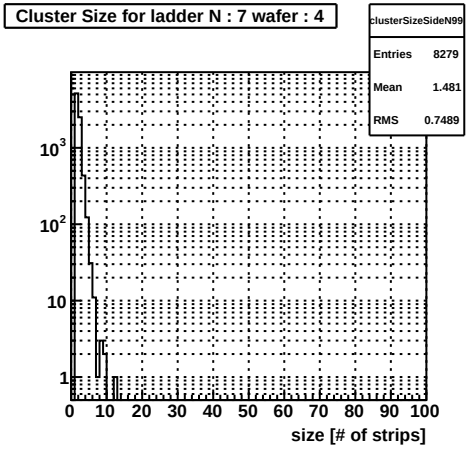

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 9348
Mean 1.354
RMS 0.7086
size [# of strips]

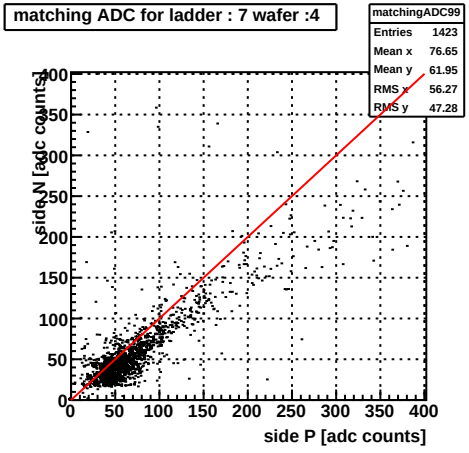

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 6245
Mean x 78.11
Mean y 57.72
RMS x 57.42
RMS y 48.49
side N [adc counts]
side P [adc counts]

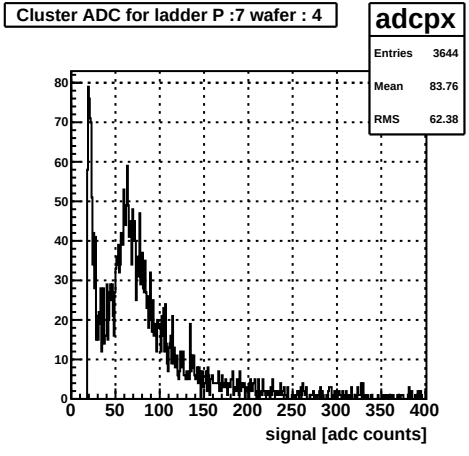

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 16235
Mean 56.14
RMS 57.84
signal [adc counts]

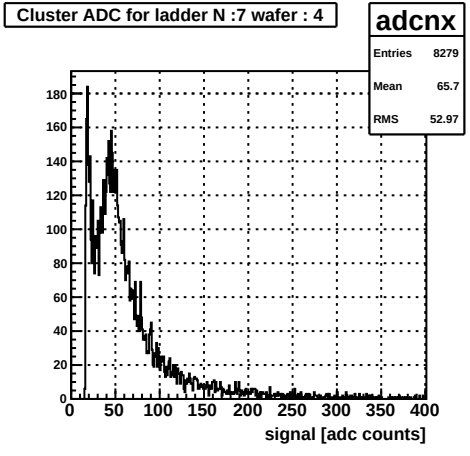

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 9348
Mean 49.92
RMS 46.7
signal [adc counts]

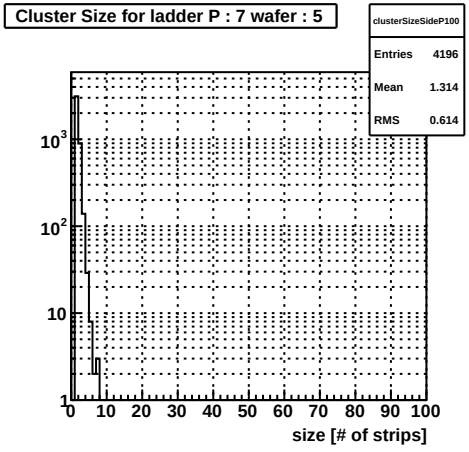

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 3644
Mean 1.421
RMS 0.7049
size [# of strips]

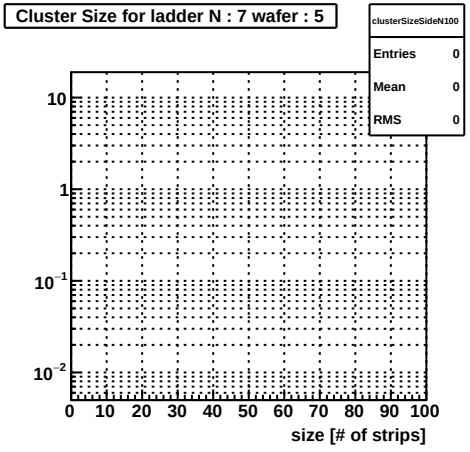

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 8279
Mean 1.481
RMS 0.7489
size [# of strips]

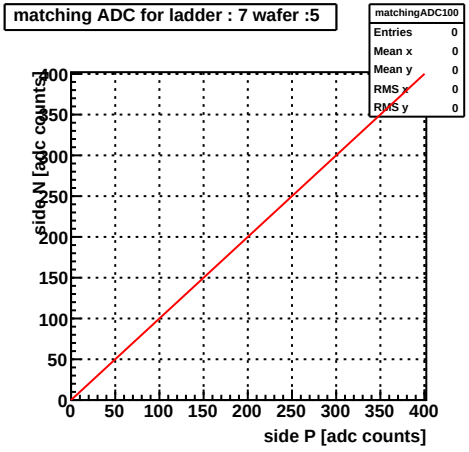

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 1423
Mean x 76.65
Mean y 61.95
RMS x 56.27
RMS y 47.28
side N [adc counts]
side P [adc counts]

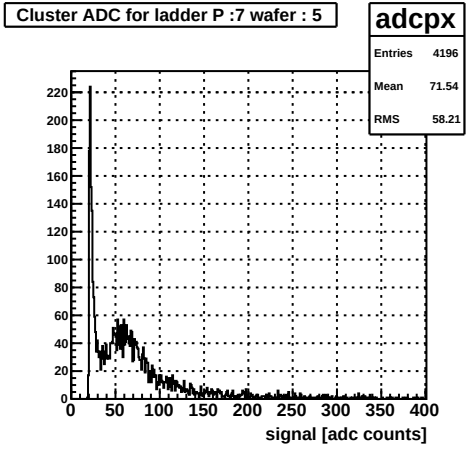

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 3644
Mean 83.76
RMS 62.38
signal [adc counts]

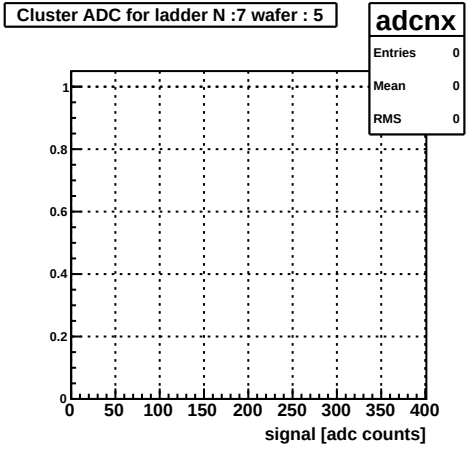

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 8279
Mean 65.7
RMS 52.97
signal [adc counts]

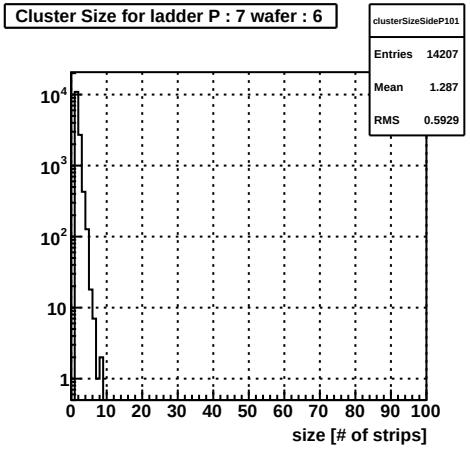

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 4196
Mean 1.314
RMS 0.614
size [# of strips]

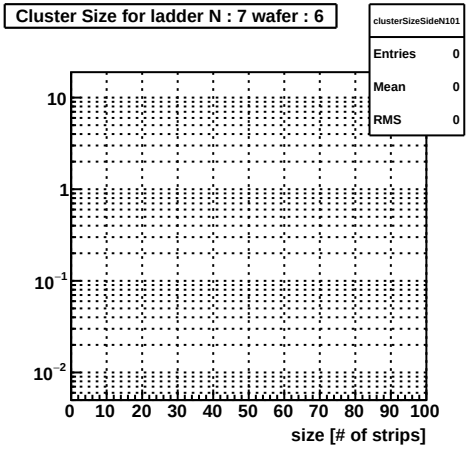

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

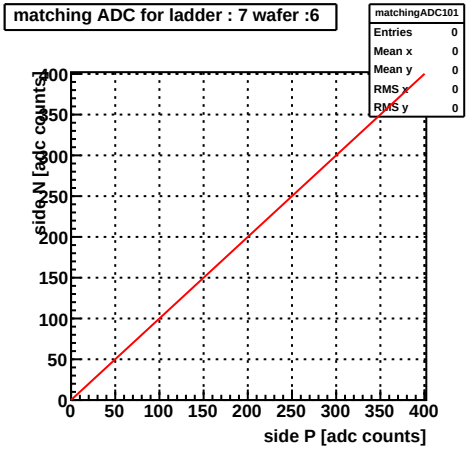

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

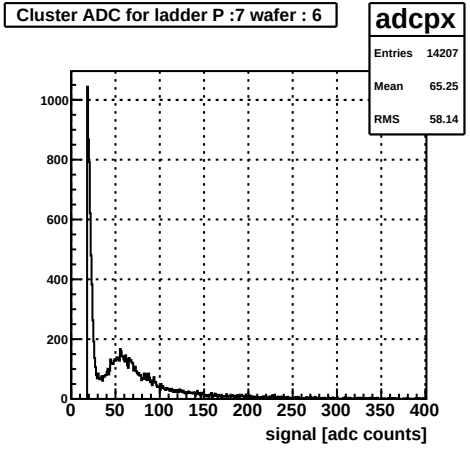

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 4196
Mean 71.54
RMS 58.21
signal [adc counts]

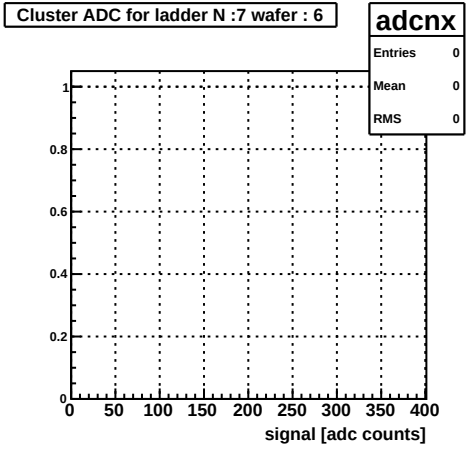

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

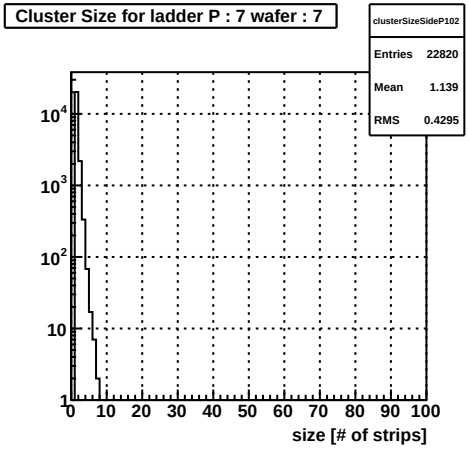

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 14207
Mean 1.287
RMS 0.5929
size [# of strips]

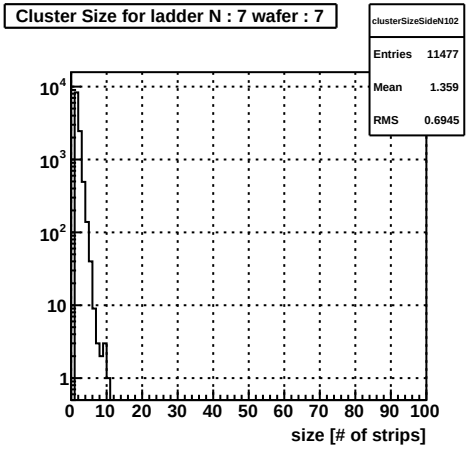

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

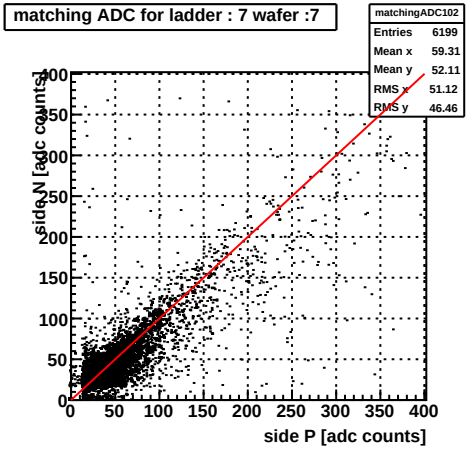

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

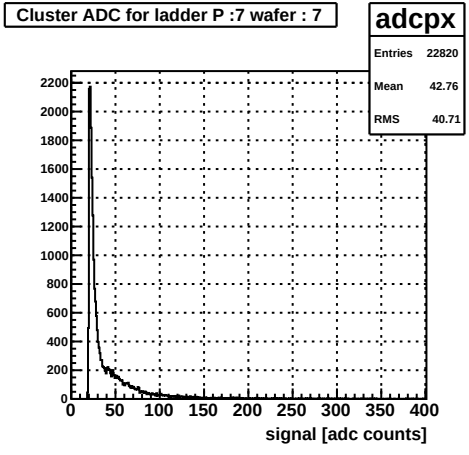

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 14207
Mean 65.25
RMS 58.14
signal [adc counts]

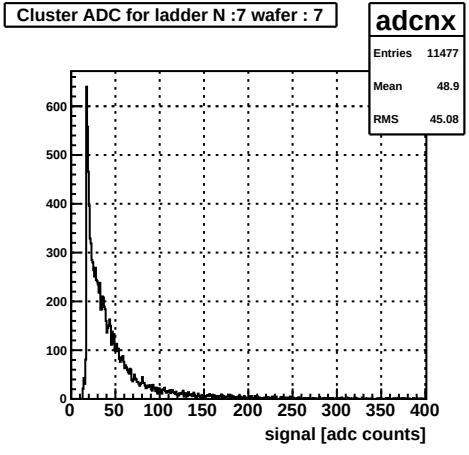

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

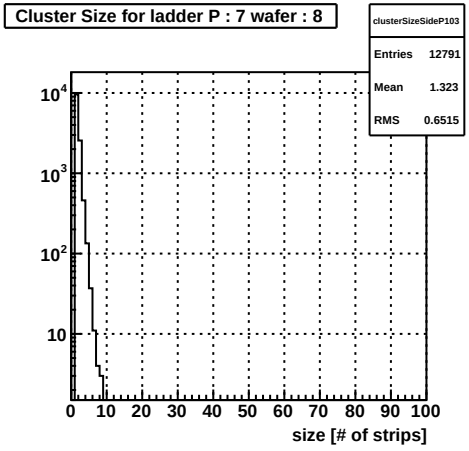

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 22820
Mean 1.139
RMS 0.4295
size [# of strips]

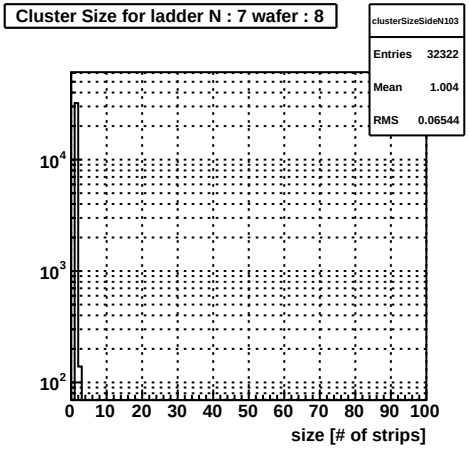

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 11477
Mean 1.359
RMS 0.6945
size [# of strips]

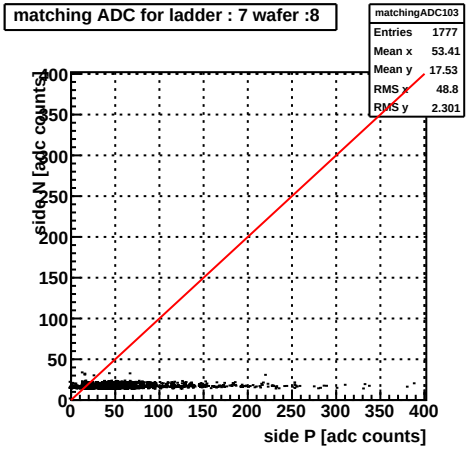

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 6199
Mean x 59.31
Mean y 52.11
RMS x 51.12
RMS y 46.46
side N [adc counts]
side P [adc counts]

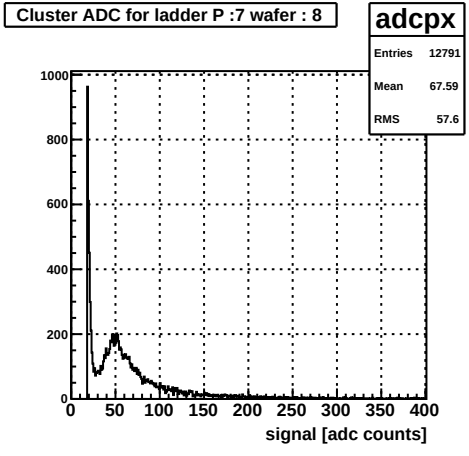

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 22820
Mean 42.76
RMS 40.71
signal [adc counts]

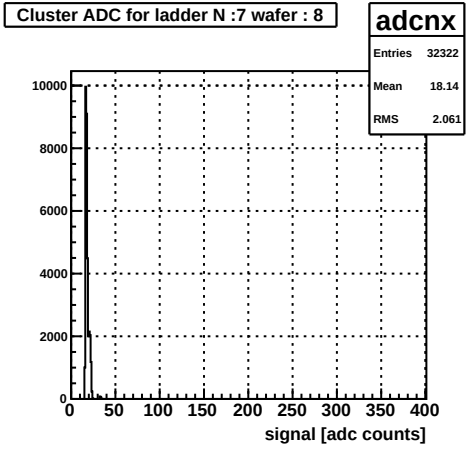

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 11477
Mean 48.9
RMS 45.08
signal [adc counts]

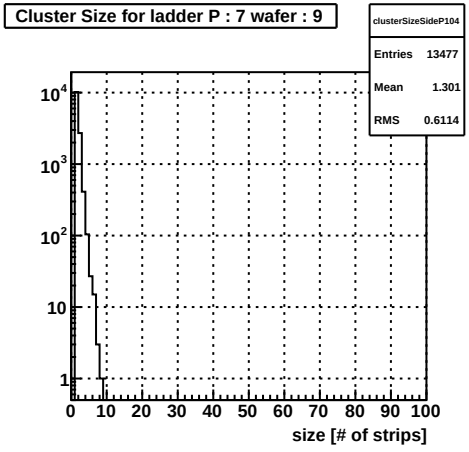

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 12791
Mean 1.323
RMS 0.6515
size [# of strips]

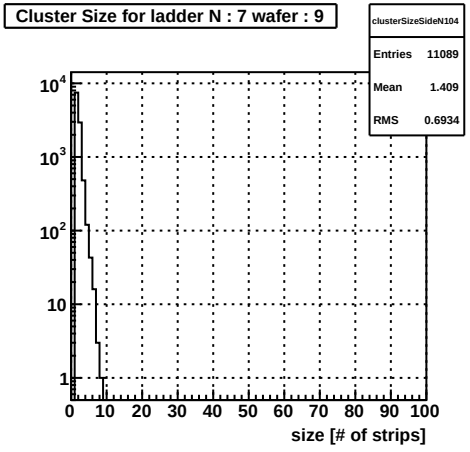

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 32322
Mean 1.004
RMS 0.06544
size [# of strips]

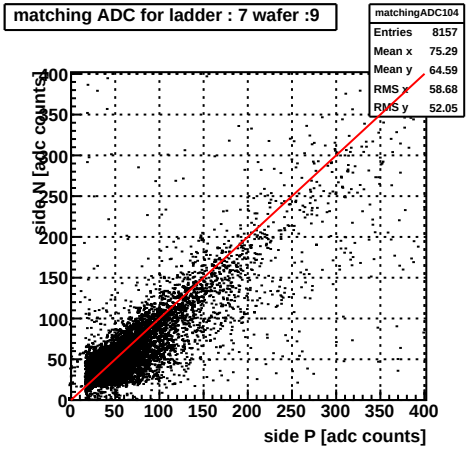

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1777
Mean x 53.41
Mean y 17.53
RMS x 48.8
RMS y 2.301
side N [adc counts]
side P [adc counts]

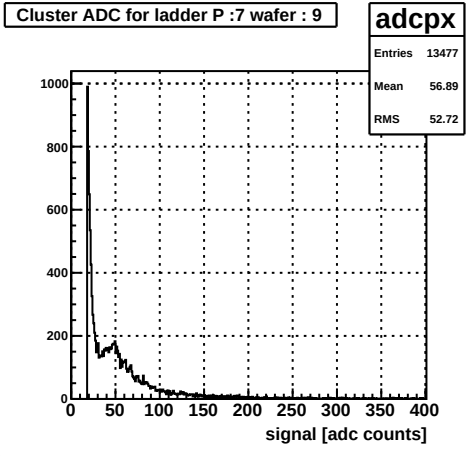

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 12791
Mean 67.59
RMS 57.6
signal [adc counts]

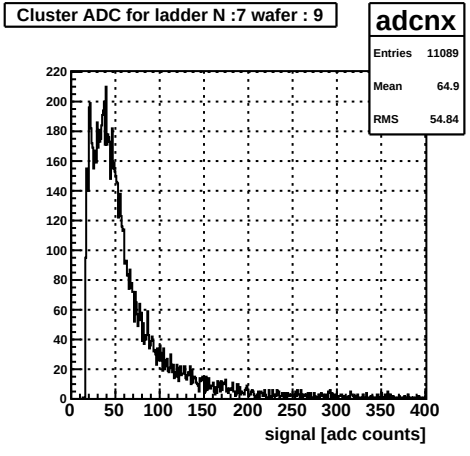

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 32322
Mean 18.14
RMS 2.061
signal [adc counts]

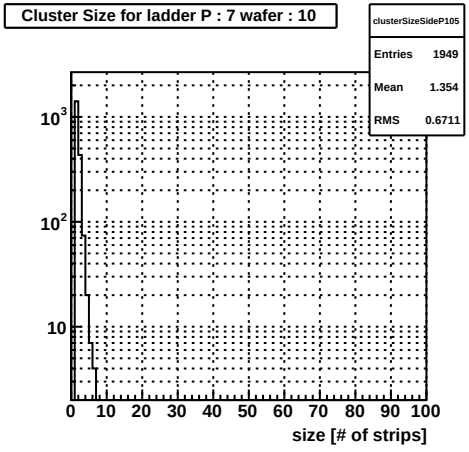

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 13477
Mean 1.301
RMS 0.6114
size [# of strips]

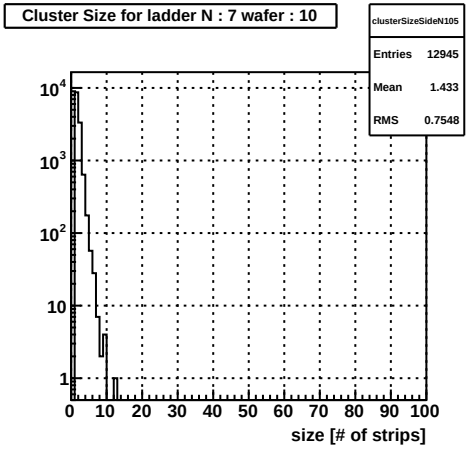

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 11089
Mean 1.409
RMS 0.6934
size [# of strips]

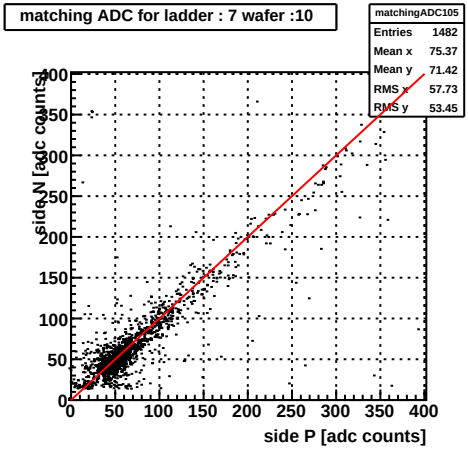

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 8157
Mean x 75.29
Mean y 64.59
RMS x 58.68
RMS y 52.05
side N [adc counts]
side P [adc counts]

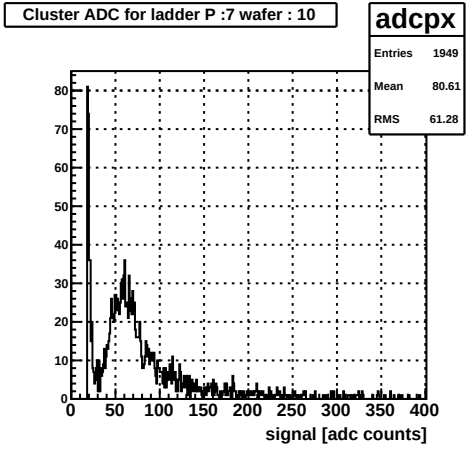

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 13477
Mean 56.89
RMS 52.72
signal [adc counts]

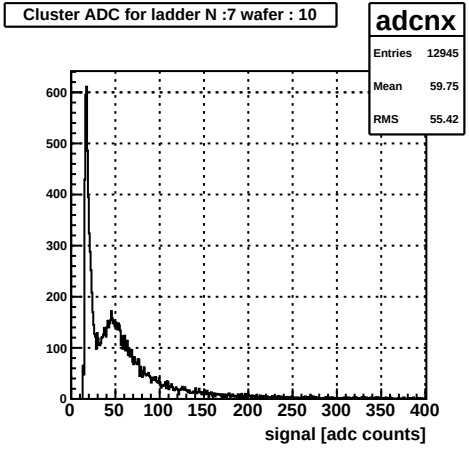

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 11089
Mean 64.9
RMS 54.84
signal [adc counts]

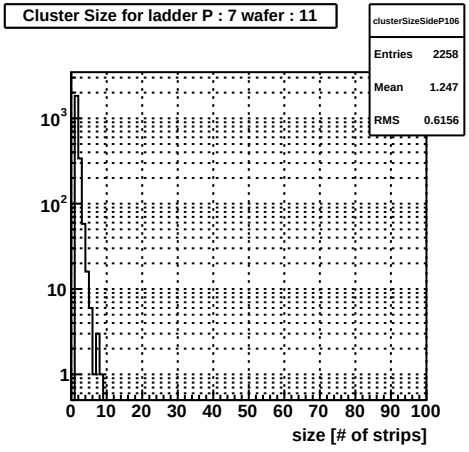

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 1949
Mean 1.354
RMS 0.6711
size [# of strips]

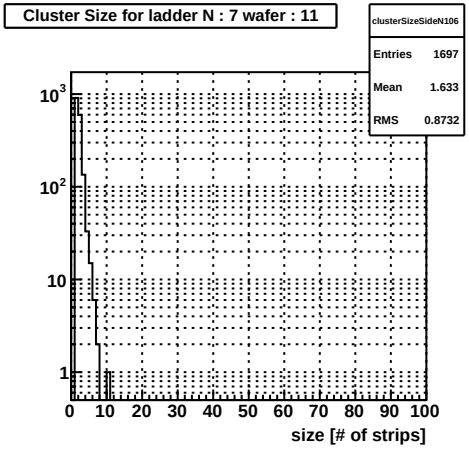

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 12945
Mean 1.433
RMS 0.7548
size [# of strips]

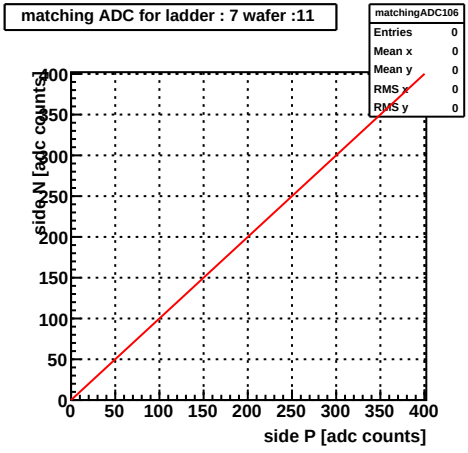

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 1482
Mean x 75.37
Mean y 71.42
RMS x 57.73
RMS y 53.45
side N [adc counts]
side P [adc counts]

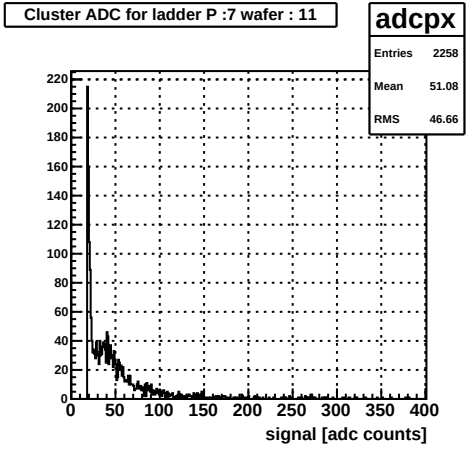

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 1949
Mean 80.61
RMS 61.28
signal [adc counts]

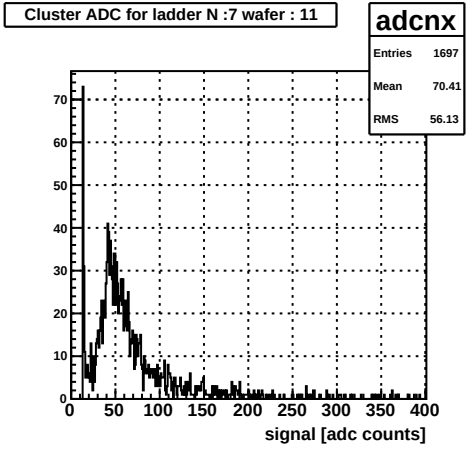

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 12945
Mean 59.75
RMS 55.42
signal [adc counts]

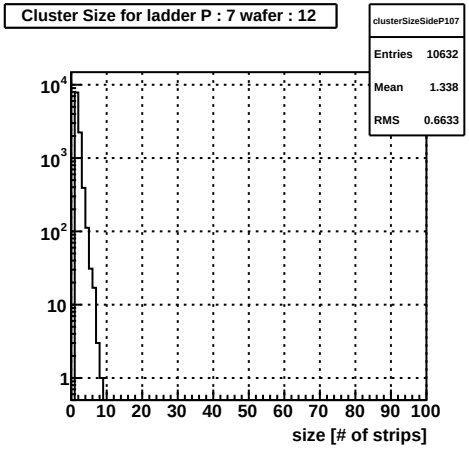

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 2258
Mean 1.247
RMS 0.6156
size [# of strips]

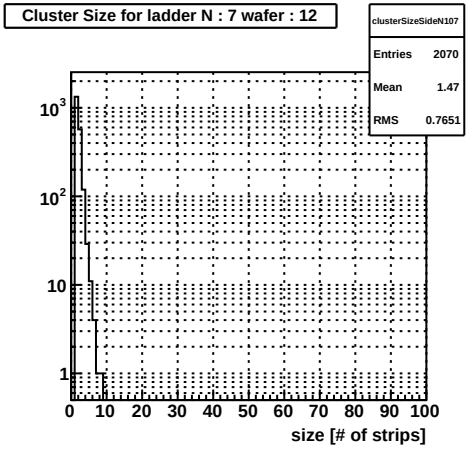

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 1697
Mean 1.633
RMS 0.8732
size [# of strips]

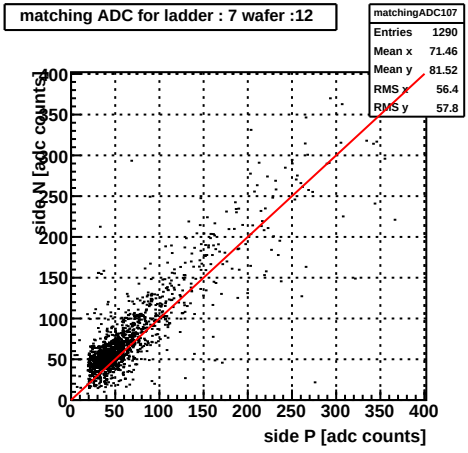

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

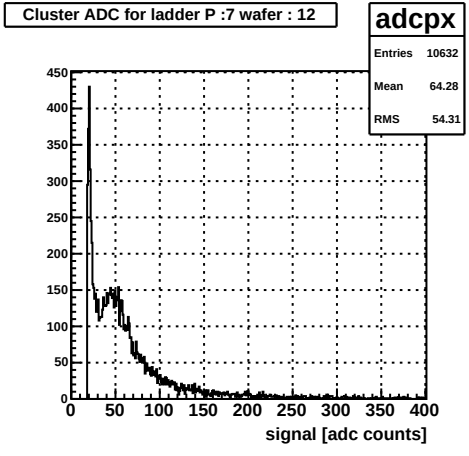

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 2258
Mean 51.08
RMS 46.66
signal [adc counts]

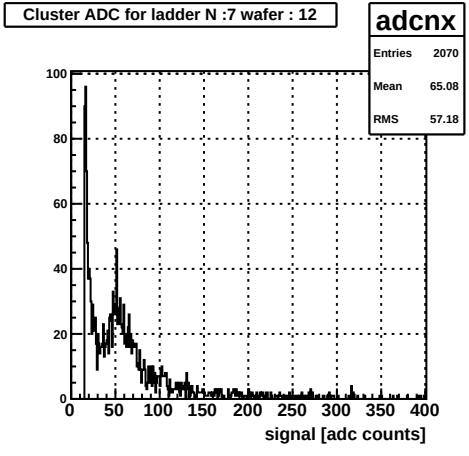

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 1697
Mean 70.41
RMS 56.13
signal [adc counts]

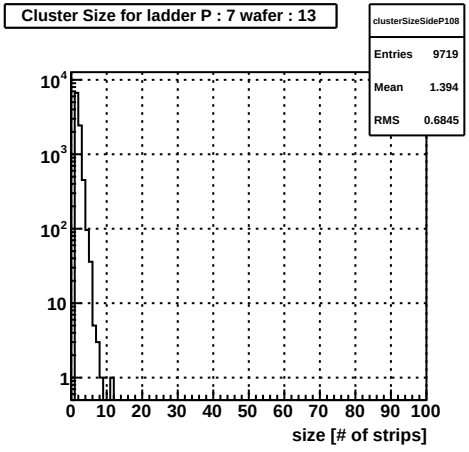

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 10632
Mean 1.338
RMS 0.6633
size [# of strips]

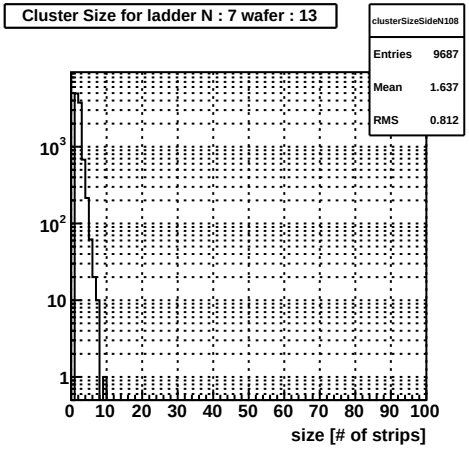

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 2070
Mean 1.47
RMS 0.7651
size [# of strips]

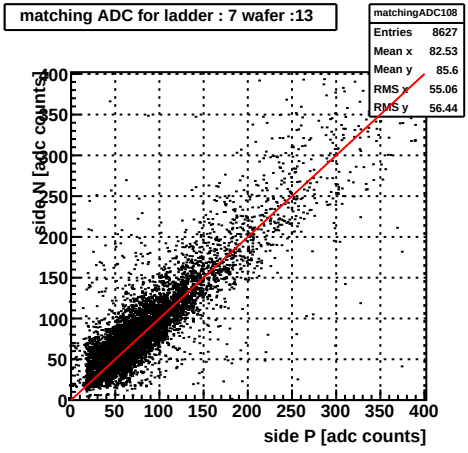

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 1290
Mean x 71.46
Mean y 81.52
RMS x 56.4
RMS y 57.8
side N [adc counts]
side P [adc counts]

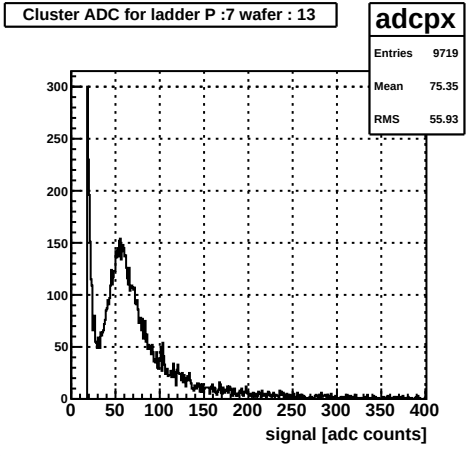

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 10632
Mean 64.28
RMS 54.31
signal [adc counts]

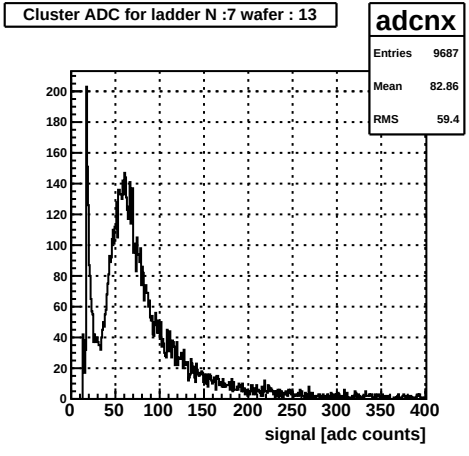

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 2070
Mean 65.08
RMS 57.18
signal [adc counts]

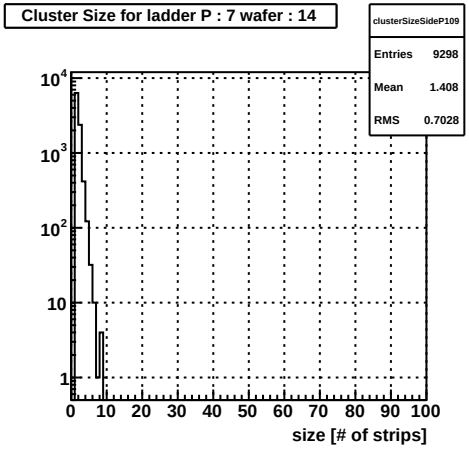

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 9719
Mean 1.394
RMS 0.6845
size [# of strips]

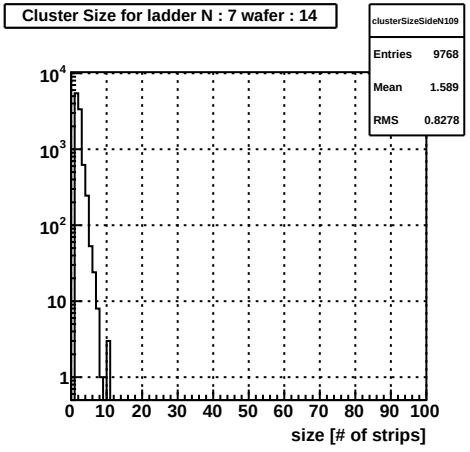

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 9687
Mean 1.637
RMS 0.812
size [# of strips]

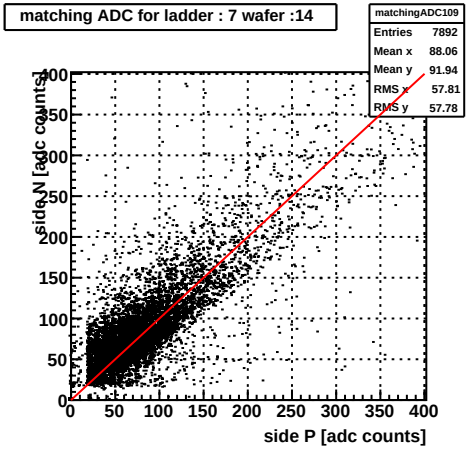

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 8627
Mean x 82.53
Mean y 85.6
RMS x 55.06
RMS y 56.44
side N [adc counts]
side P [adc counts]

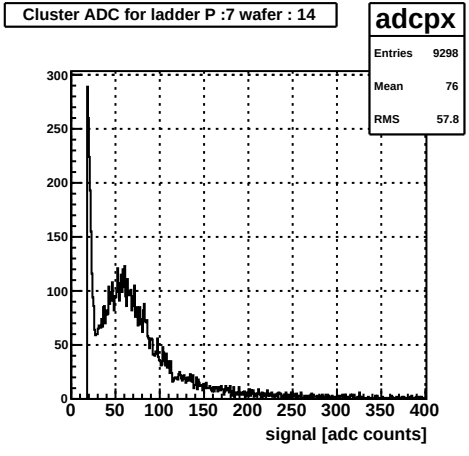

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 9719
Mean 75.35
RMS 55.93
signal [adc counts]

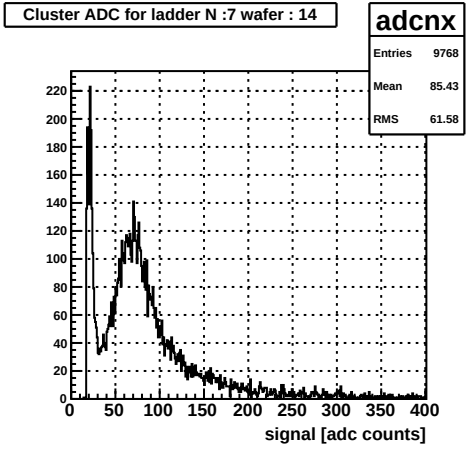

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 9687
Mean 82.86
RMS 59.4
signal [adc counts]

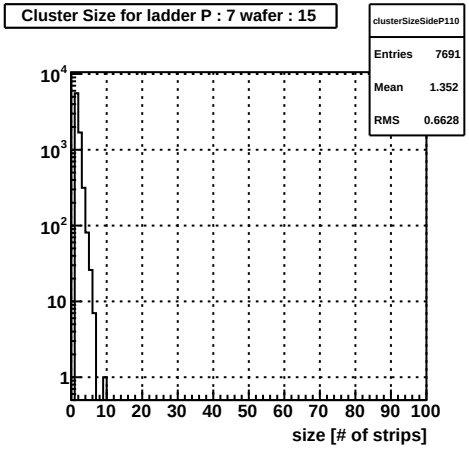

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 9298
Mean 1.408
RMS 0.7028
size [# of strips]

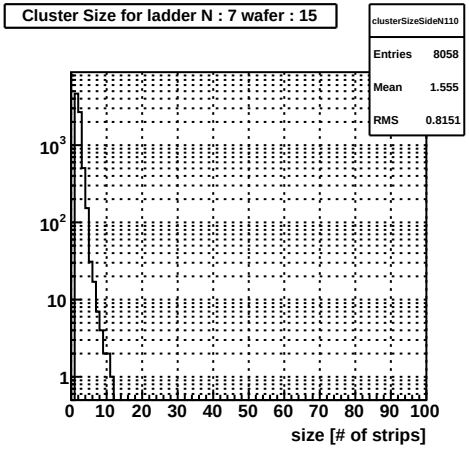

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 9768
Mean 1.589
RMS 0.8278
size [# of strips]

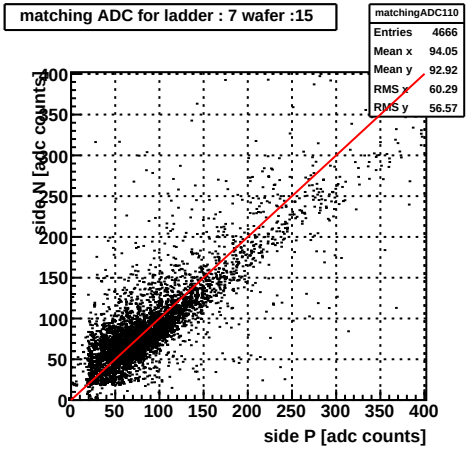

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 7892
Mean x 88.06
Mean y 91.94
RMS x 57.81
RMS y 57.78
side N [adc counts]
side P [adc counts]

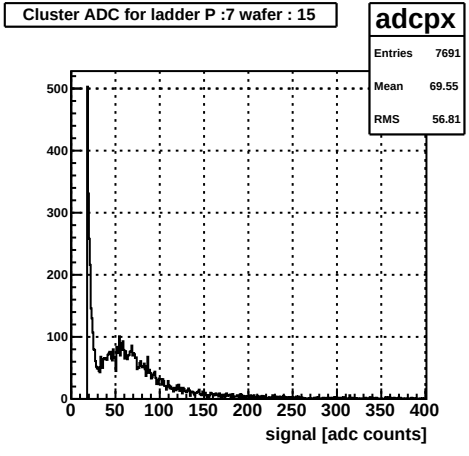

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 9298
Mean 76
RMS 57.8
signal [adc counts]

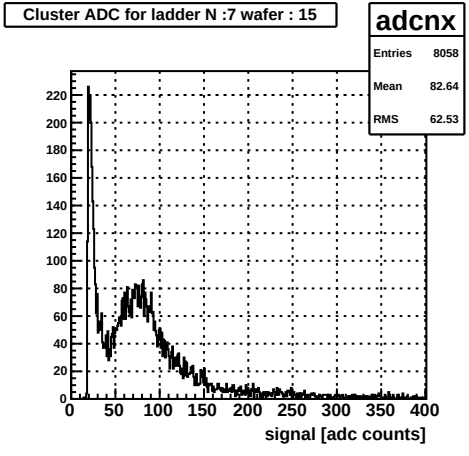

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 9768
Mean 85.43
RMS 61.58
signal [adc counts]

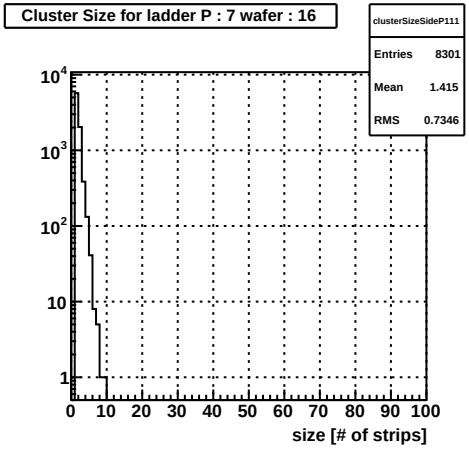

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 7691
Mean 1.352
RMS 0.6628
size [# of strips]

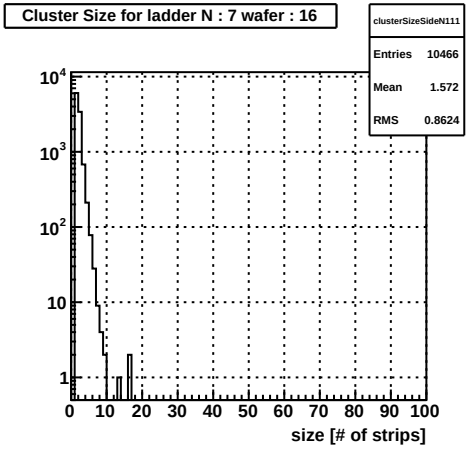

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 8058
Mean 1.555
RMS 0.8151
size [# of strips]

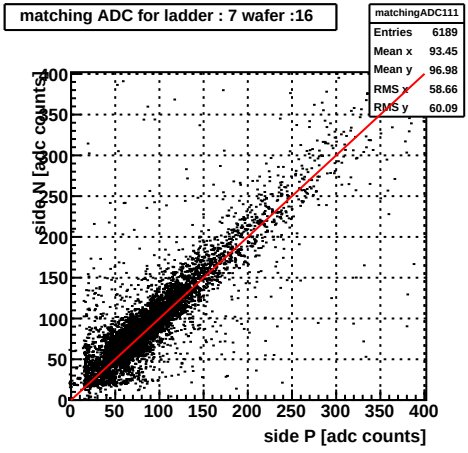

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 4666
Mean x 94.05
Mean y 92.92
RMS x 60.29
RMS y 56.57
side N [adc counts]
side P [adc counts]

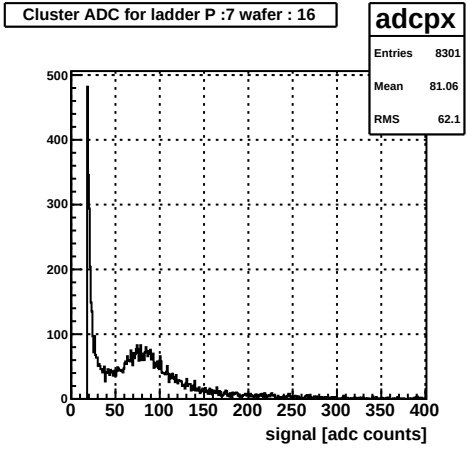

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 7691
Mean 69.55
RMS 56.81
signal [adc counts]

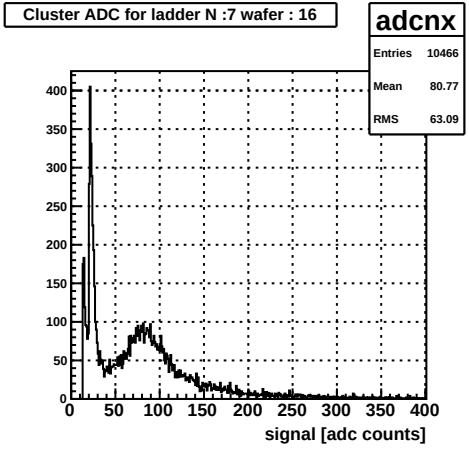

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 8058
Mean 82.64
RMS 62.53
signal [adc counts]

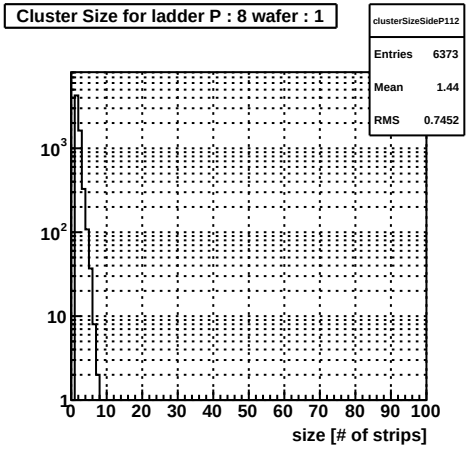

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 8301
Mean 1.415
RMS 0.7346
size [# of strips]

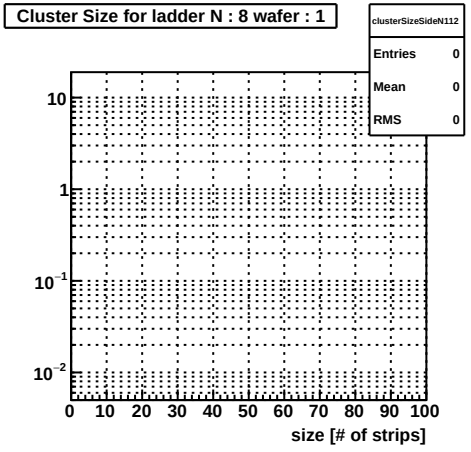

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 10466
Mean 1.572
RMS 0.8624
size [# of strips]

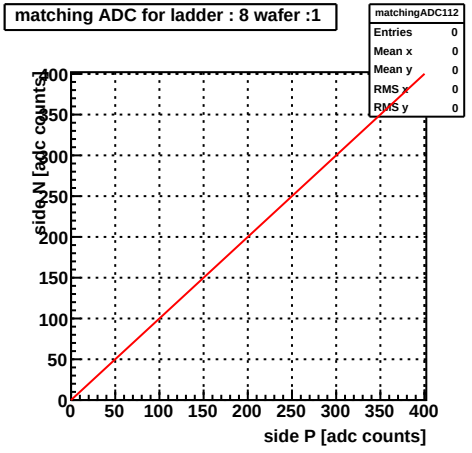

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 6189
Mean x 93.45
Mean y 96.98
RMS x 58.66
RMS y 60.09
side N [adc counts]
side P [adc counts]

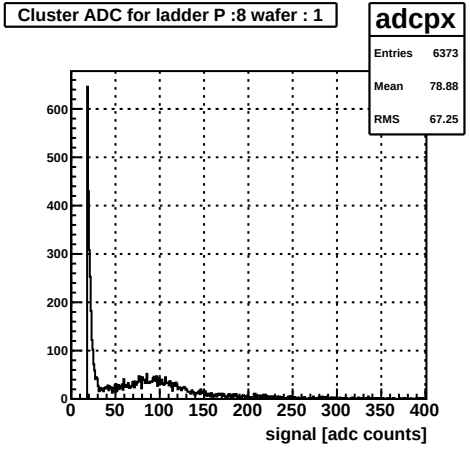

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 8301
Mean 81.06
RMS 62.1
signal [adc counts]

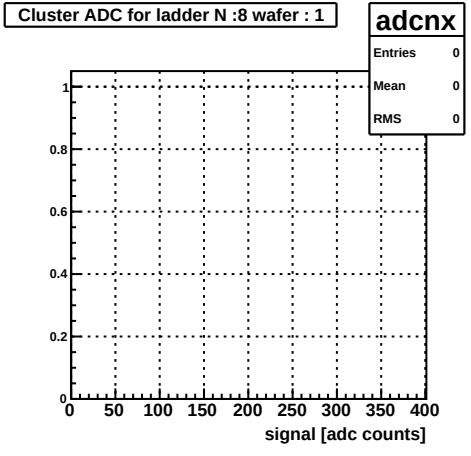

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 10466
Mean 80.77
RMS 63.09
signal [adc counts]

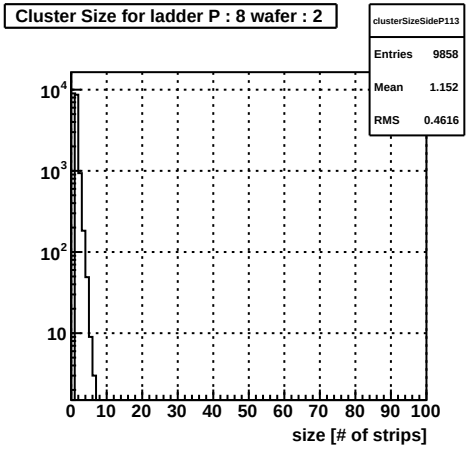

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 6373
Mean 1.44
RMS 0.7452
size [# of strips]

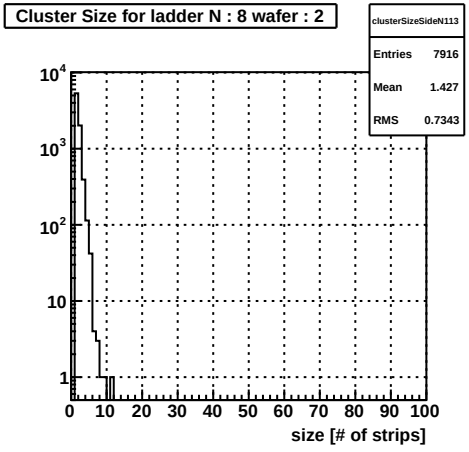

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

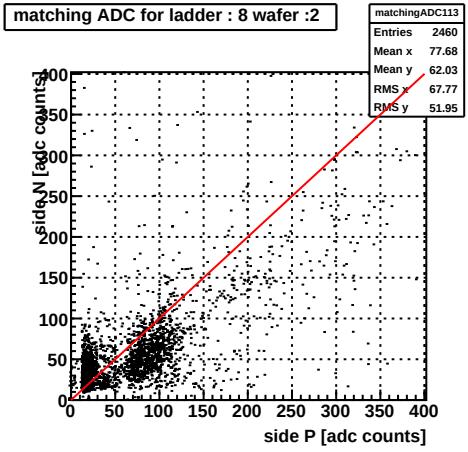

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

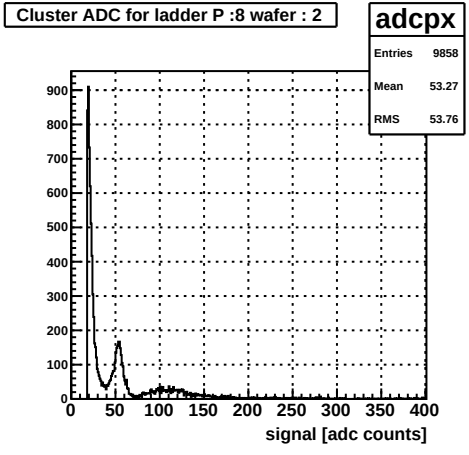

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 6373
Mean 78.88
RMS 67.25
signal [adc counts]

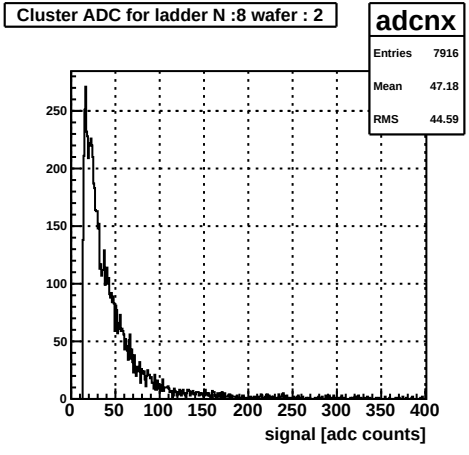

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

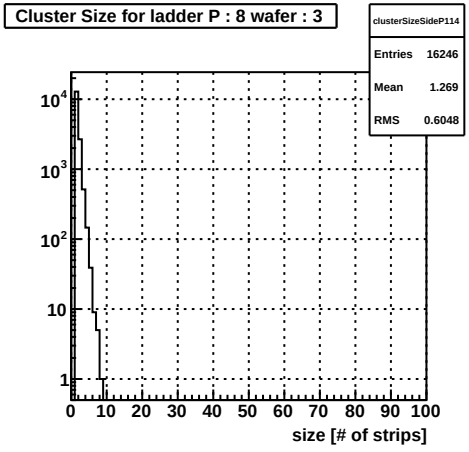

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 9858
Mean 1.152
RMS 0.4616
size [# of strips]

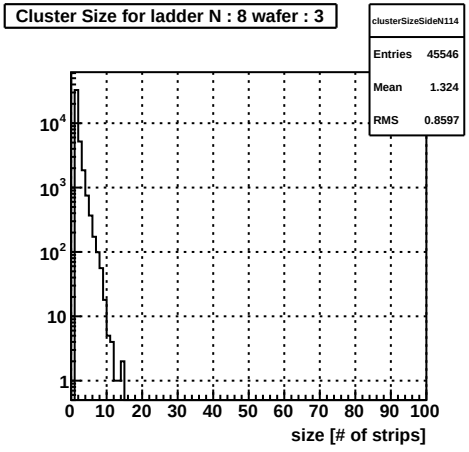

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 7916
Mean 1.427
RMS 0.7343
size [# of strips]

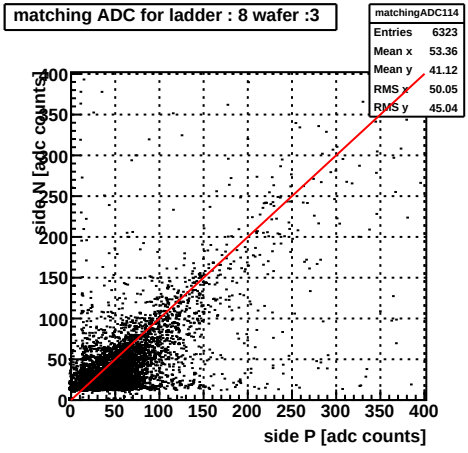

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 2460
Mean x 77.68
Mean y 62.03
RMS x 67.77
RMS y 51.95
side N [adc counts]
side P [adc counts]

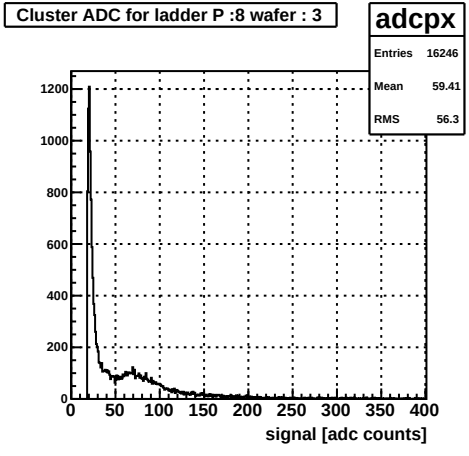

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 9858
Mean 53.27
RMS 53.76
signal [adc counts]

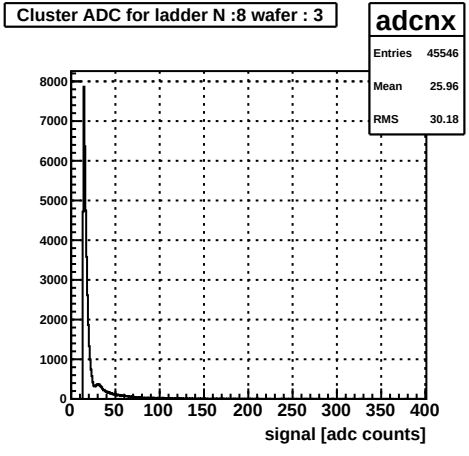

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 7916
Mean 47.18
RMS 44.59
signal [adc counts]

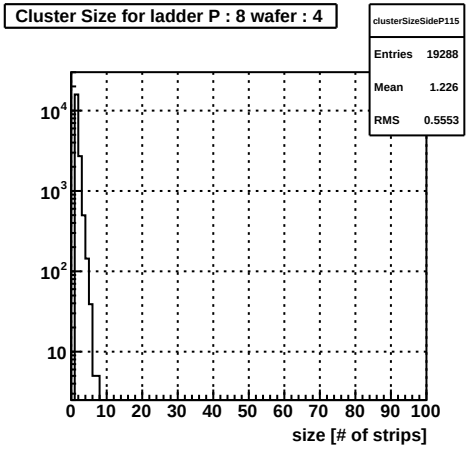

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 16246
Mean 1.269
RMS 0.6048
size [# of strips]

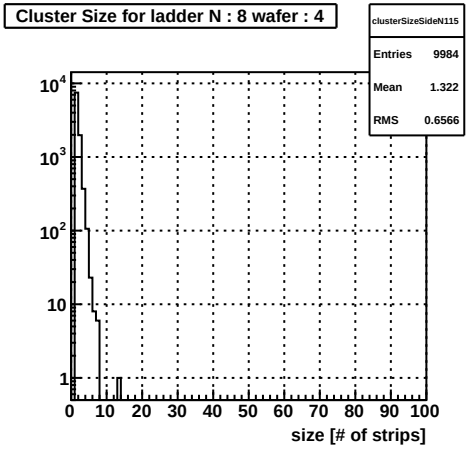

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 45546
Mean 1.324
RMS 0.8597
size [# of strips]

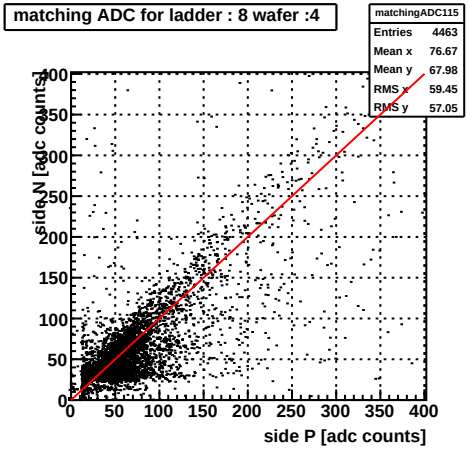

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 6323
Mean x 53.36
Mean y 41.12
RMS x 50.05
RMS y 45.04
side N [adc counts]
side P [adc counts]

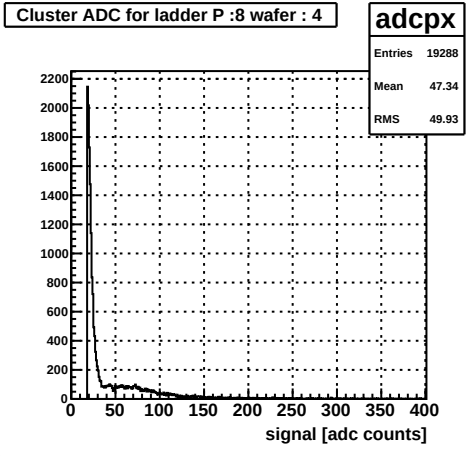

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 16246
Mean 59.41
RMS 56.3
signal [adc counts]

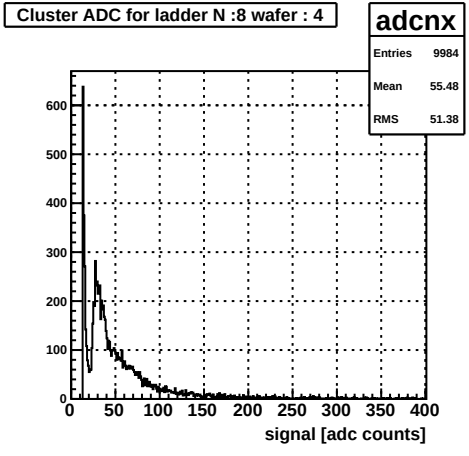

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 45546
Mean 25.96
RMS 30.18
signal [adc counts]

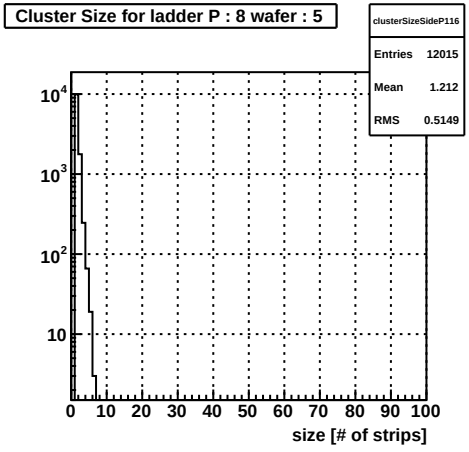

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 19288
Mean 1.226
RMS 0.5553
size [# of strips]

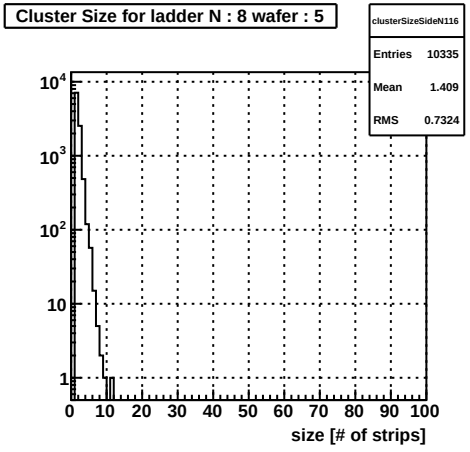

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 9984
Mean 1.322
RMS 0.6566
size [# of strips]

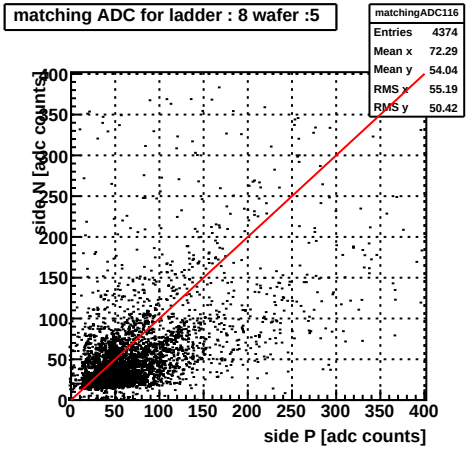

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 4463
Mean x 76.67
Mean y 67.98
RMS x 59.45
RMS y 57.05
side N [adc counts]
side P [adc counts]

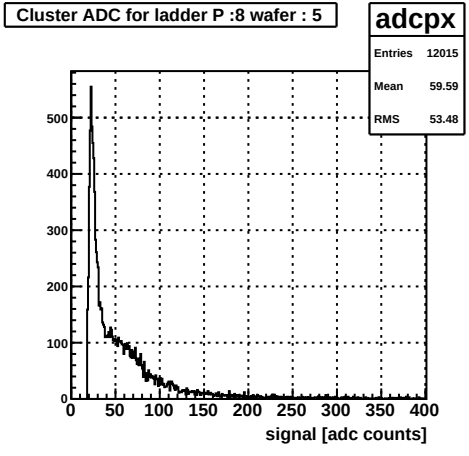

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 19288
Mean 47.34
RMS 49.93
signal [adc counts]

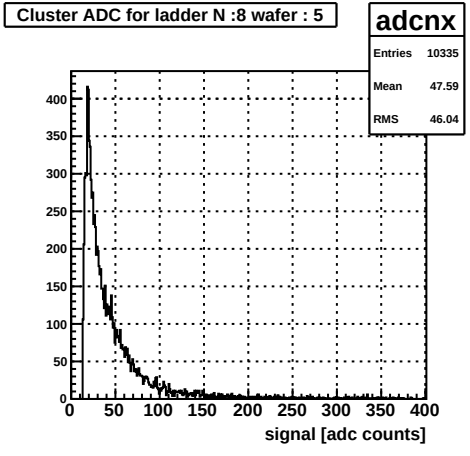

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 9984
Mean 55.48
RMS 51.38
signal [adc counts]

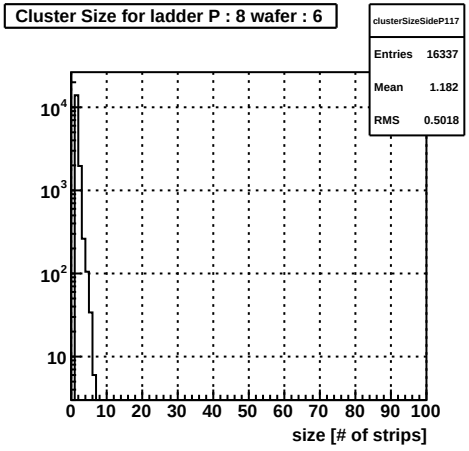

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 12015
Mean 1.212
RMS 0.5149
size [# of strips]

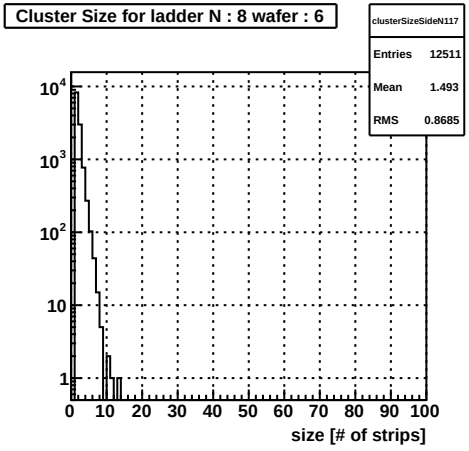

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 10335
Mean 1.409
RMS 0.7324
size [# of strips]

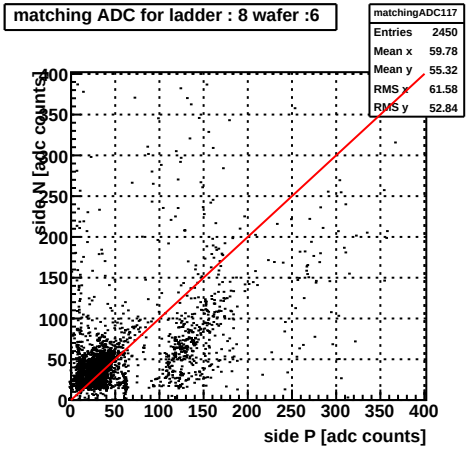

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 4374
Mean x 72.29
Mean y 54.04
RMS x 55.19
RMS y 50.42
side N [adc counts]
side P [adc counts]

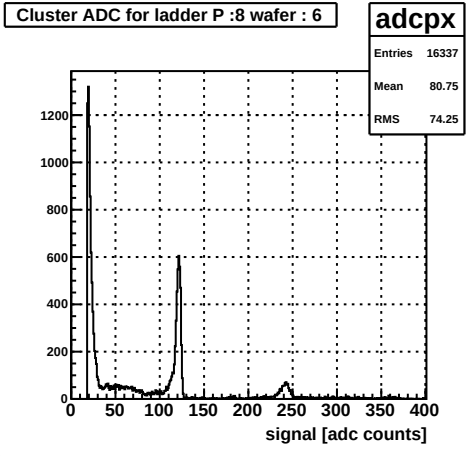

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 12015
Mean 59.59
RMS 53.48
signal [adc counts]

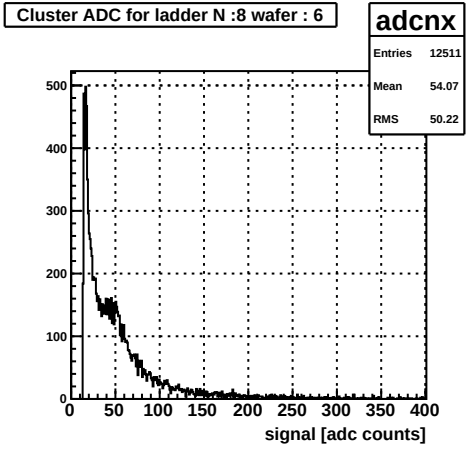

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 10335
Mean 47.59
RMS 46.04
signal [adc counts]

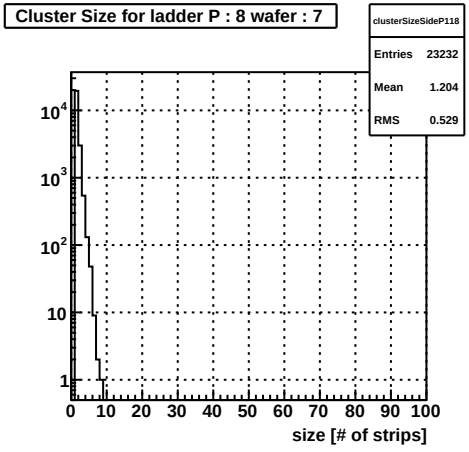

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 16337
Mean 1.182
RMS 0.5018
size [# of strips]

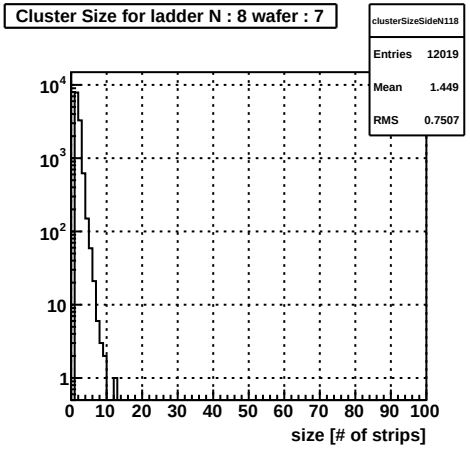

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 12511
Mean 1.493
RMS 0.8685
size [# of strips]

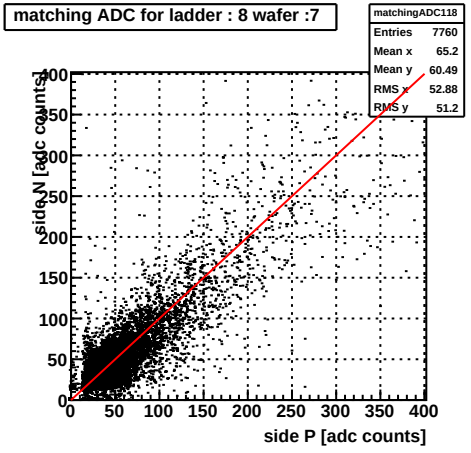

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 2450
Mean x 59.78
Mean y 55.32
RMS x 61.58
RMS y 52.84
side N [adc counts]
side P [adc counts]

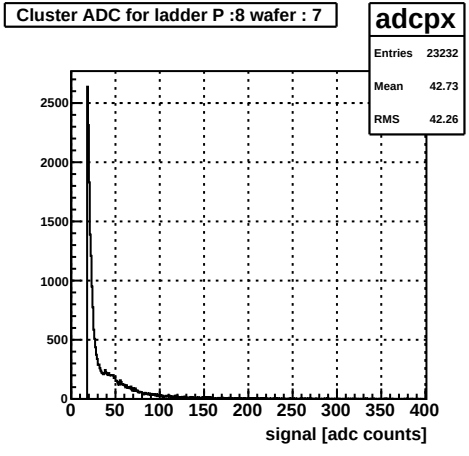

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 16337
Mean 80.75
RMS 74.25
signal [adc counts]

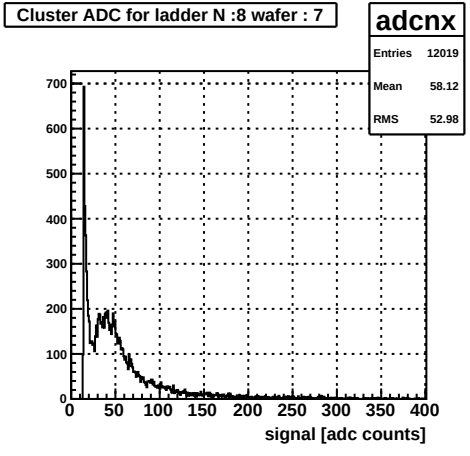

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 12511
Mean 54.07
RMS 50.22
signal [adc counts]

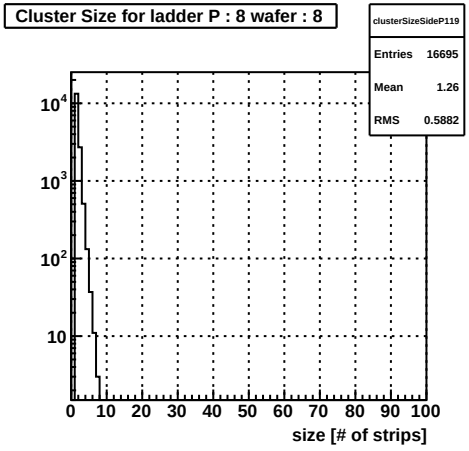

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 23232
Mean 1.204
RMS 0.529
size [# of strips]

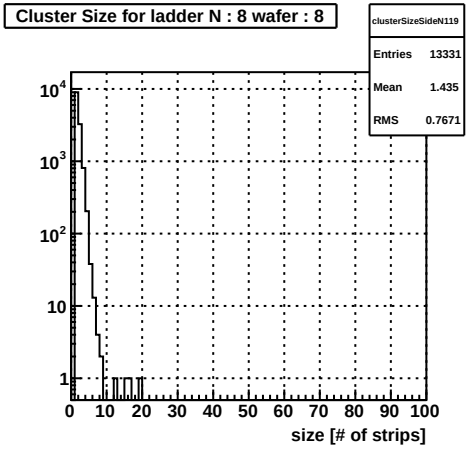

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 12019
Mean 1.449
RMS 0.7507
size [# of strips]

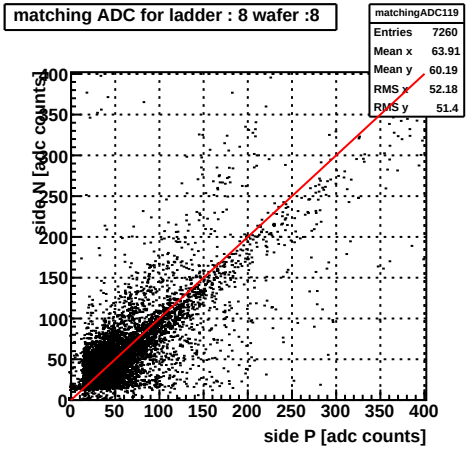

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 7760
Mean x 65.2
Mean y 60.49
RMS x 52.88
RMS y 51.2
side N [adc counts]
side P [adc counts]

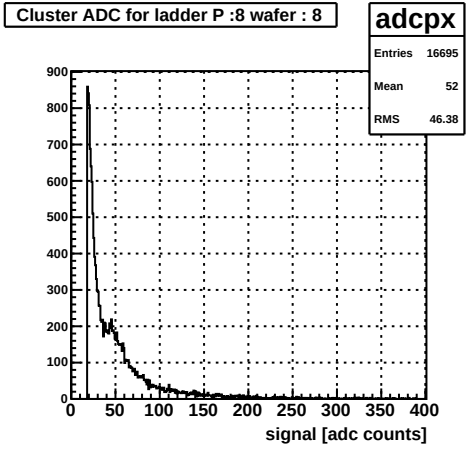

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 23232
Mean 42.73
RMS 42.26
signal [adc counts]

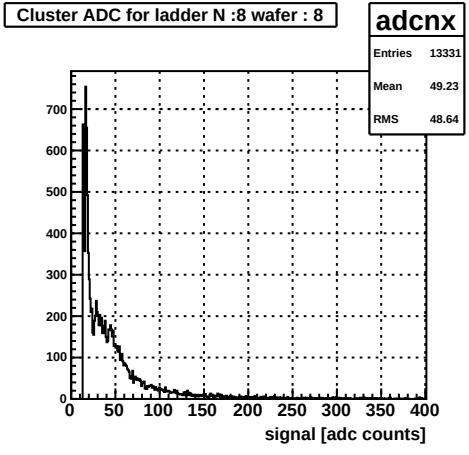

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 12019
Mean 58.12
RMS 52.98
signal [adc counts]

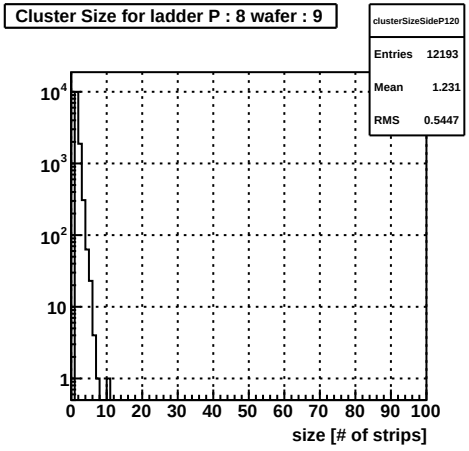

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 16695
Mean 1.26
RMS 0.5882
size [# of strips]

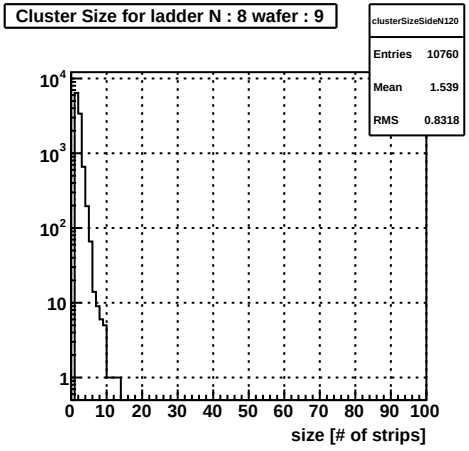

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 13331
Mean 1.435
RMS 0.7671
size [# of strips]

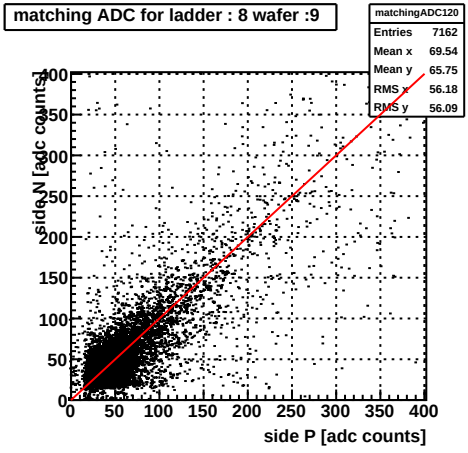

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 7260
Mean x 63.91
Mean y 60.19
RMS x 52.18
RMS y 51.4
side N [adc counts]
side P [adc counts]

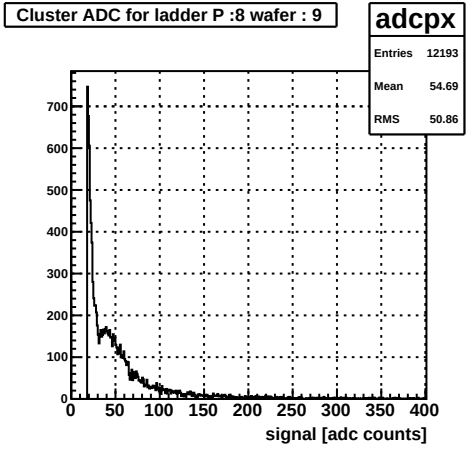

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 16695
Mean 52
RMS 46.38
signal [adc counts]

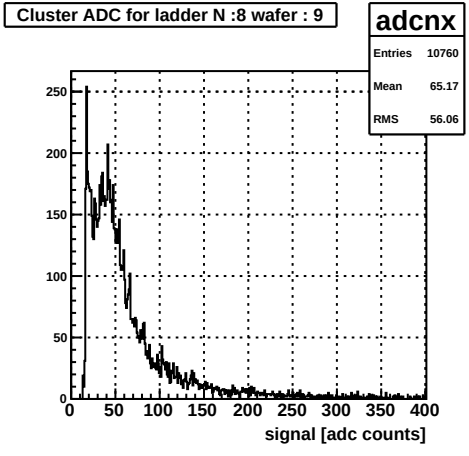

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 13331
Mean 49.23
RMS 48.64
signal [adc counts]

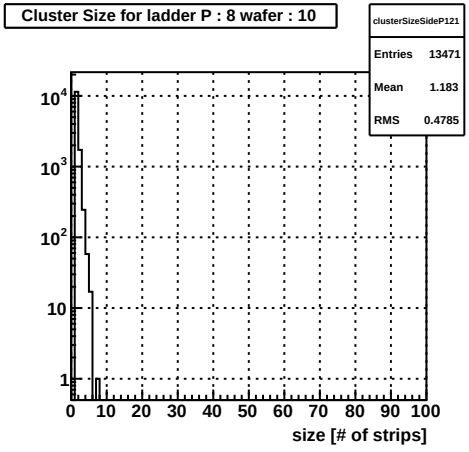

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 12193
Mean 1.231
RMS 0.5447
size [# of strips]

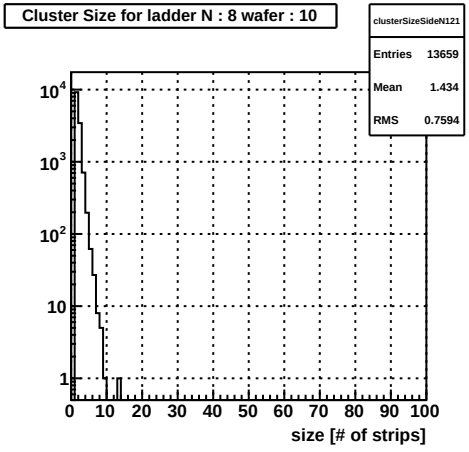

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 10760
Mean 1.539
RMS 0.8318
size [# of strips]

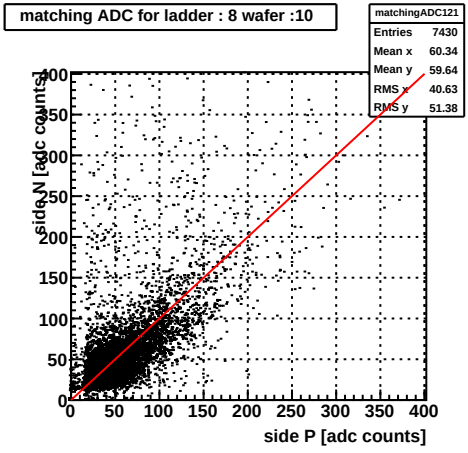

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 7162
Mean x 69.54
Mean y 65.75
RMS x 56.18
RMS y 56.09
side N [adc counts]
side P [adc counts]

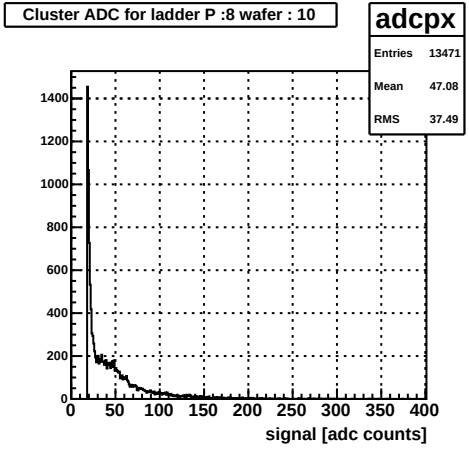

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 12193
Mean 54.69
RMS 50.86
signal [adc counts]

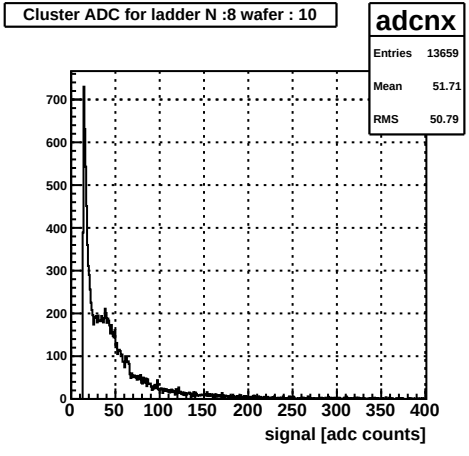

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 10760
Mean 65.17
RMS 56.06
signal [adc counts]

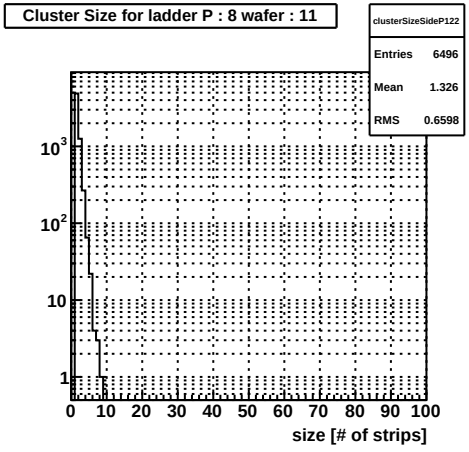

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 13471
Mean 1.183
RMS 0.4785
size [# of strips]

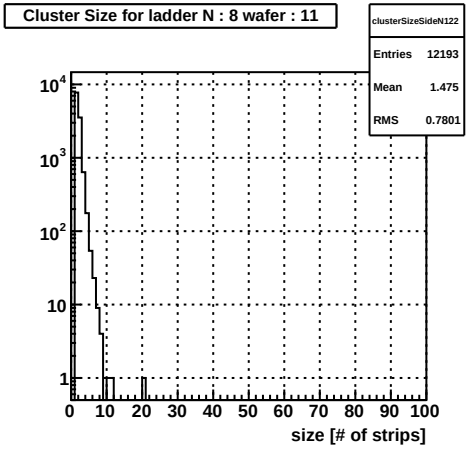

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 13659
Mean 1.434
RMS 0.7594
size [# of strips]

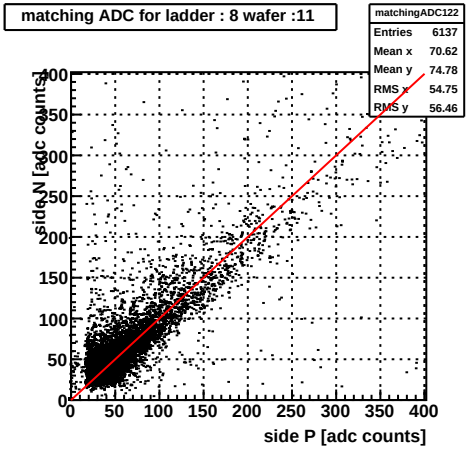

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 7430
Mean x 60.34
Mean y 59.64
RMS x 40.63
RMS y 51.38
side N [adc counts]
side P [adc counts]

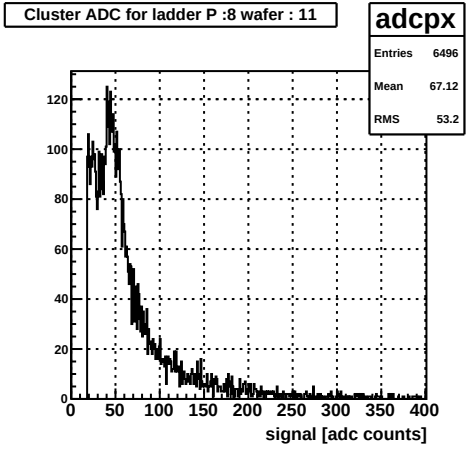

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 13471
Mean 47.08
RMS 37.49
signal [adc counts]

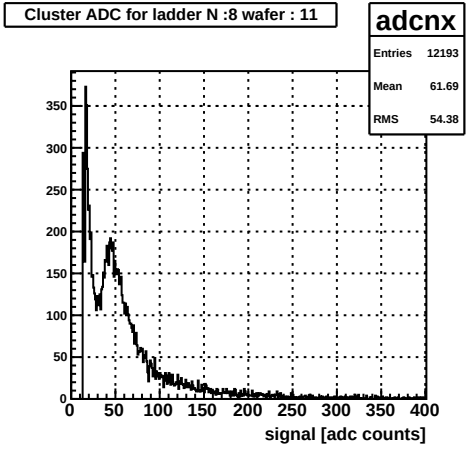

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 13659
Mean 51.71
RMS 50.79
signal [adc counts]

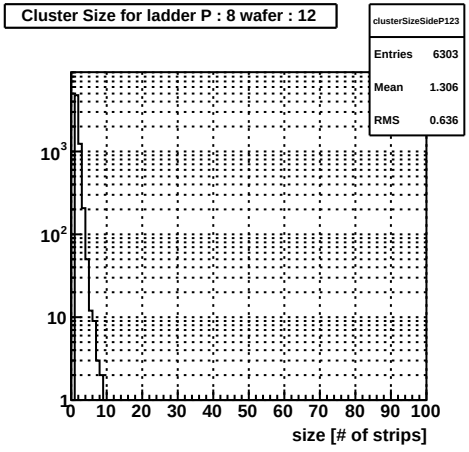

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 6496
Mean 1.326
RMS 0.6598
size [# of strips]

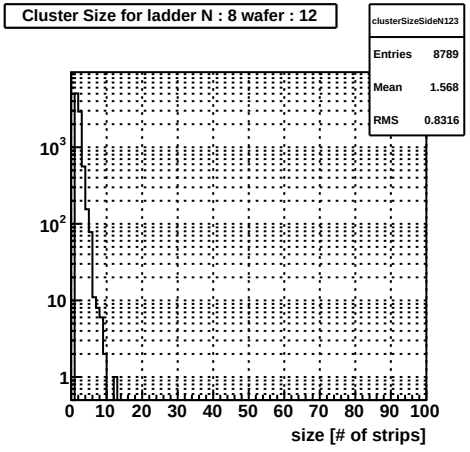

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 12193
Mean 1.475
RMS 0.7801
size [# of strips]

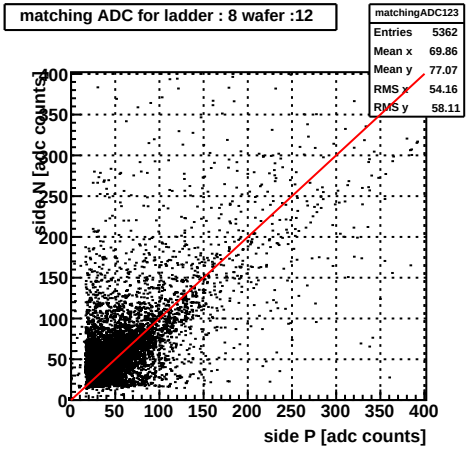

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 6137
Mean x 70.62
Mean y 74.78
RMS x 54.75
RMS y 56.46
side N [adc counts]
side P [adc counts]

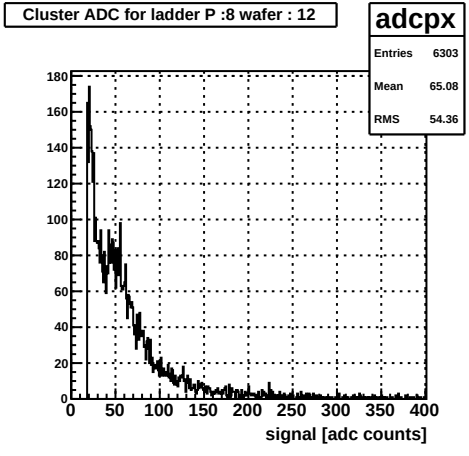

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 6496
Mean 67.12
RMS 53.2
signal [adc counts]

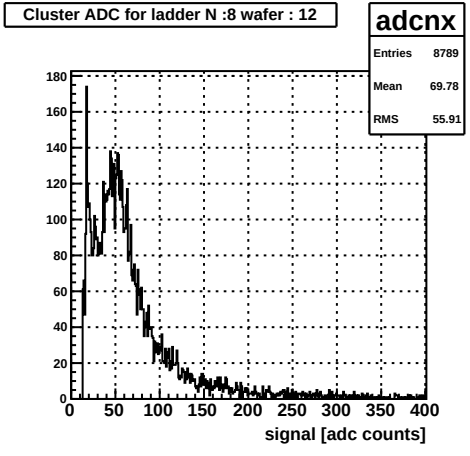

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 12193
Mean 61.69
RMS 54.38
signal [adc counts]

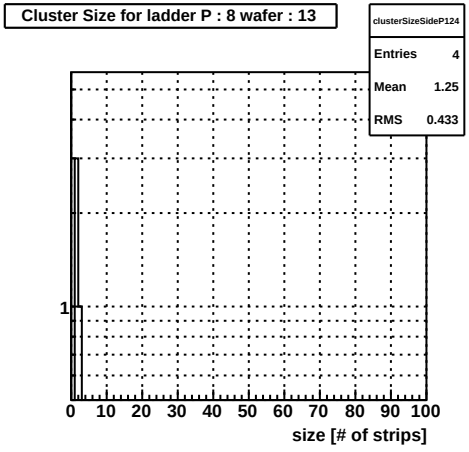

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 6303
Mean 1.306
RMS 0.636
size [# of strips]

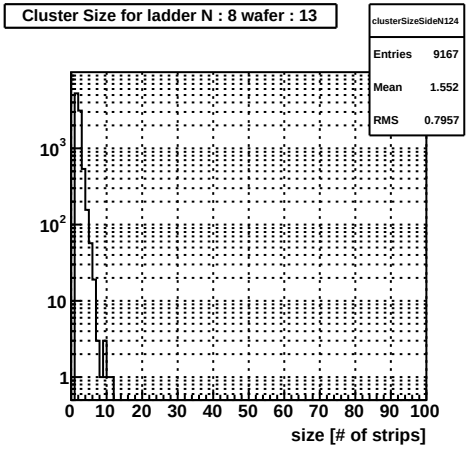

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 8789
Mean 1.568
RMS 0.8316
size [# of strips]

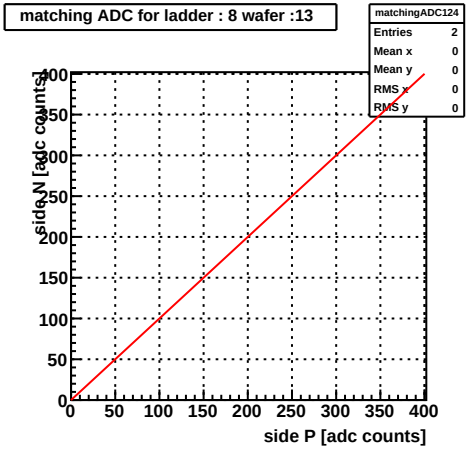

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 5362
Mean x 69.86
Mean y 77.07
RMS x 54.16
RMS y 58.11
side N [adc counts]
side P [adc counts]

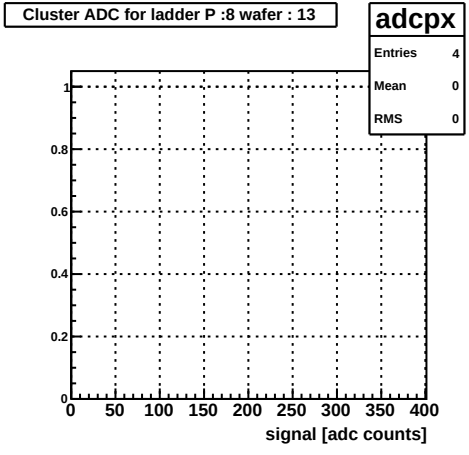

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 6303
Mean 65.08
RMS 54.36
signal [adc counts]

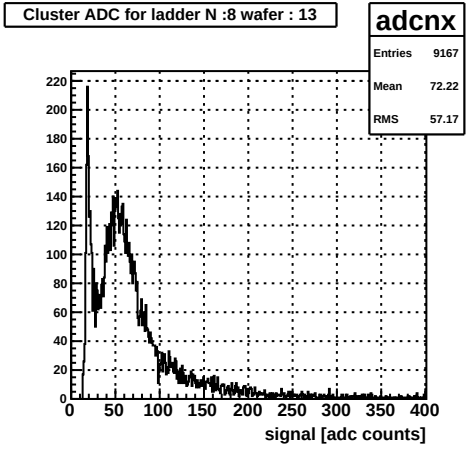

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 8789
Mean 69.78
RMS 55.91
signal [adc counts]

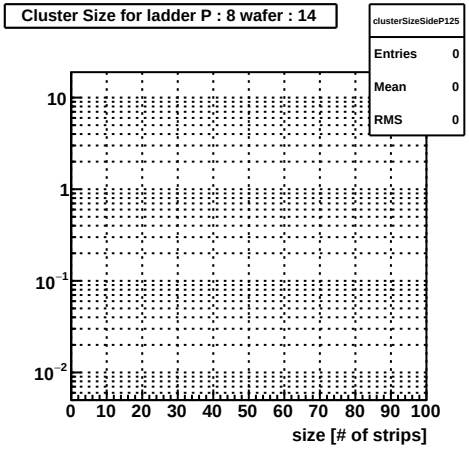

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 4
Mean 1.25
RMS 0.433
size [# of strips]

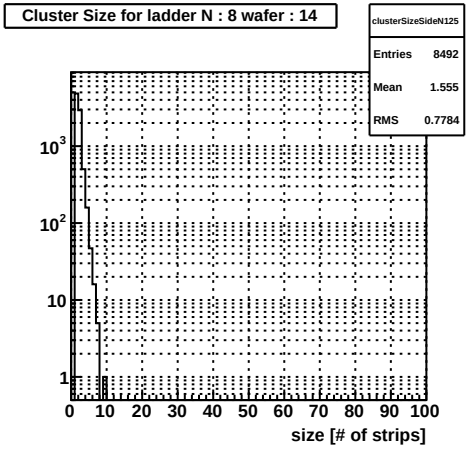

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 9167
Mean 1.552
RMS 0.7957
size [# of strips]

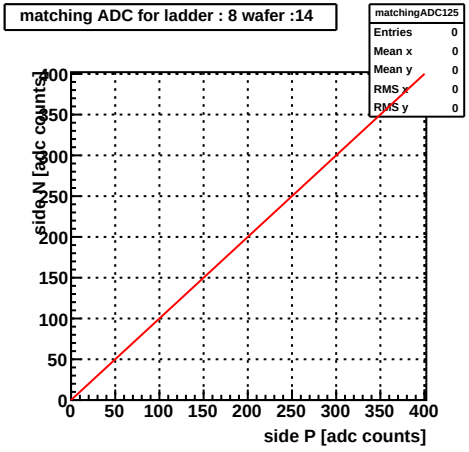

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

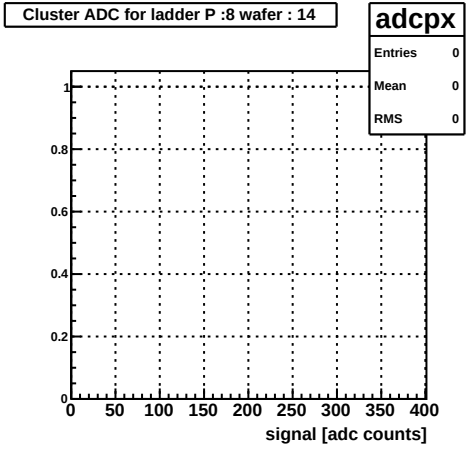

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

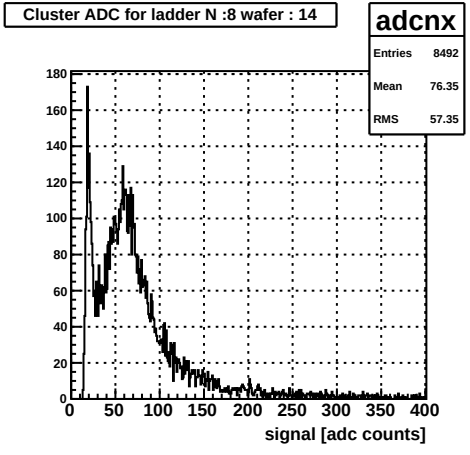

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 9167
Mean 72.22
RMS 57.17
signal [adc counts]

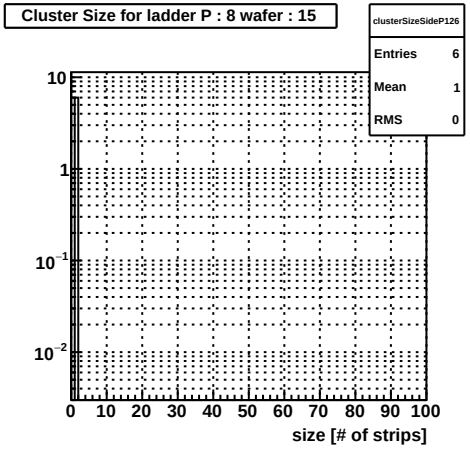

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

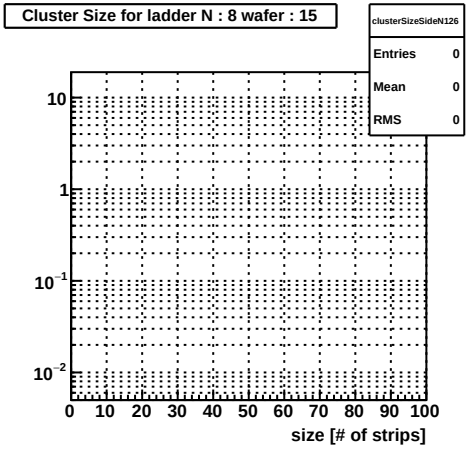

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 8492
Mean 1.555
RMS 0.7784
size [# of strips]

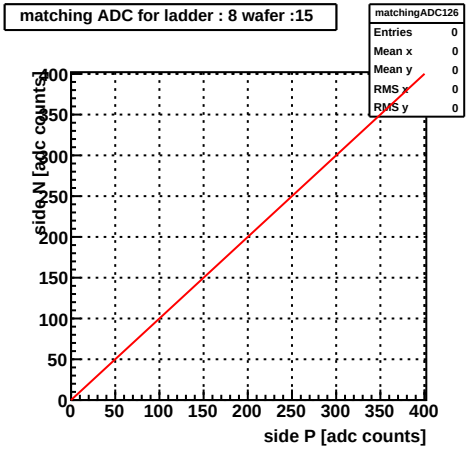

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

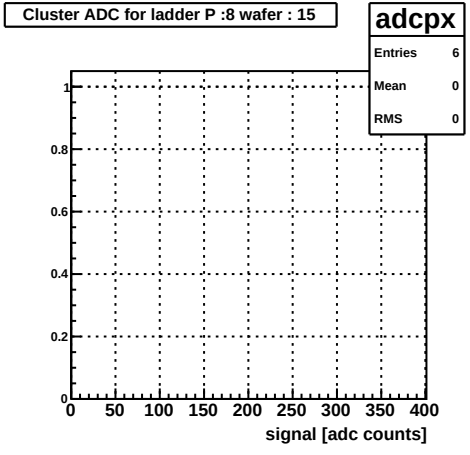

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

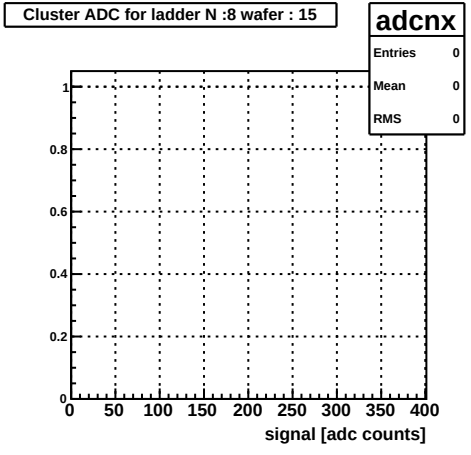

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 8492
Mean 76.35
RMS 57.35
signal [adc counts]

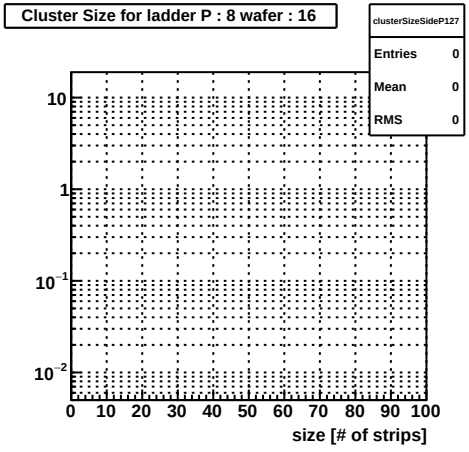

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 6
Mean 1
RMS 0
size [# of strips]

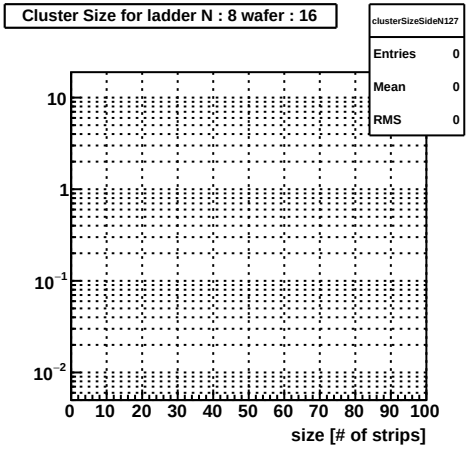

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

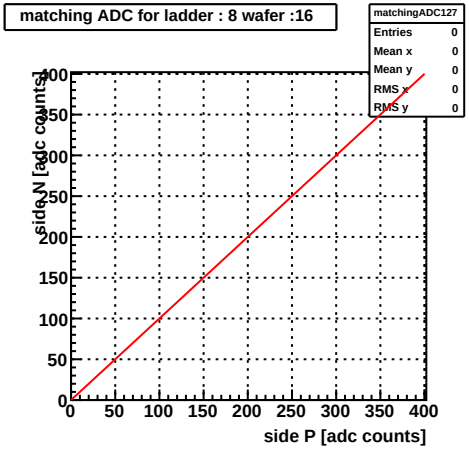

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

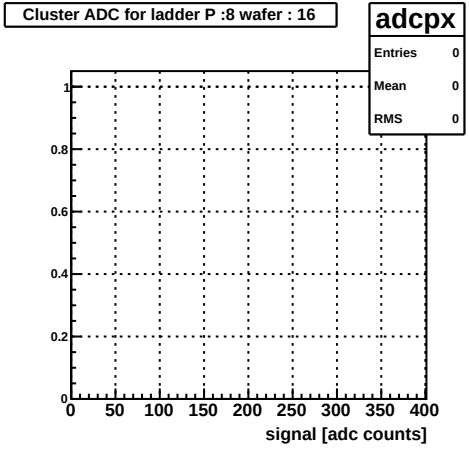

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 6
Mean 0
RMS 0
signal [adc counts]

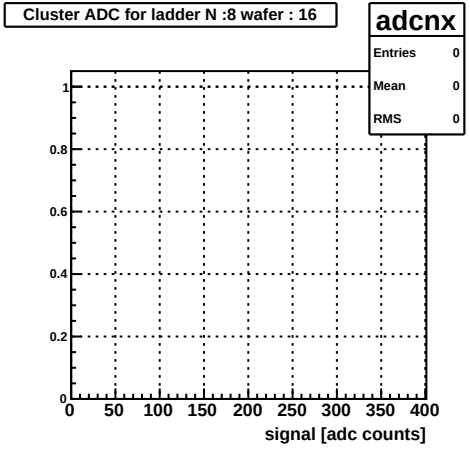

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

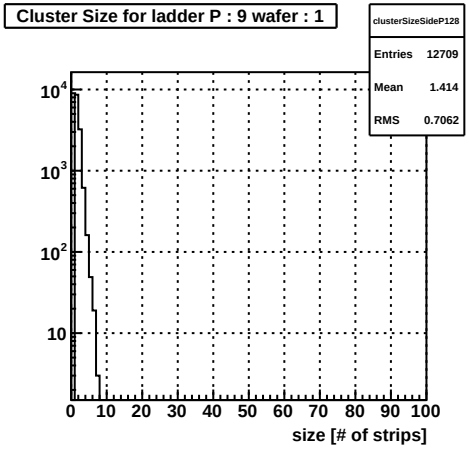

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

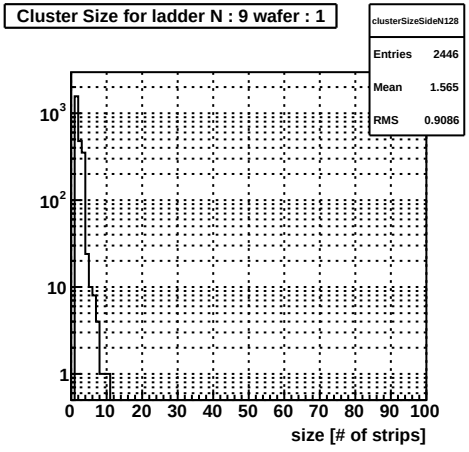

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

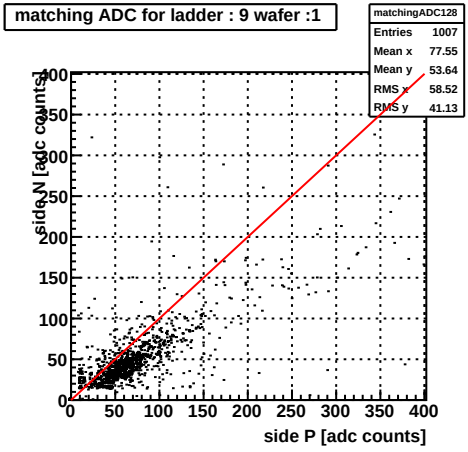

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

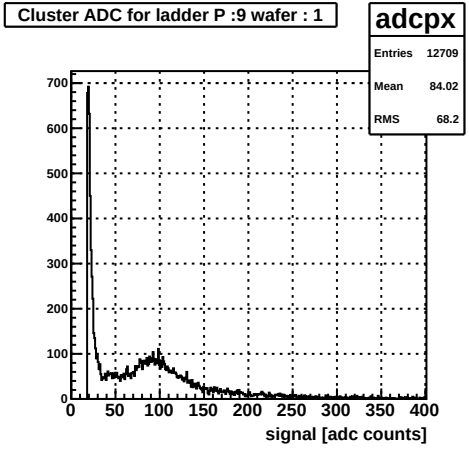

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

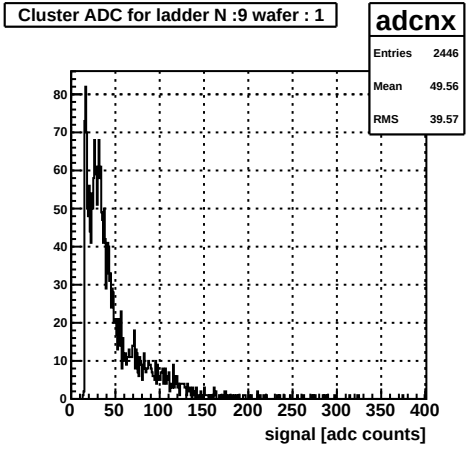

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

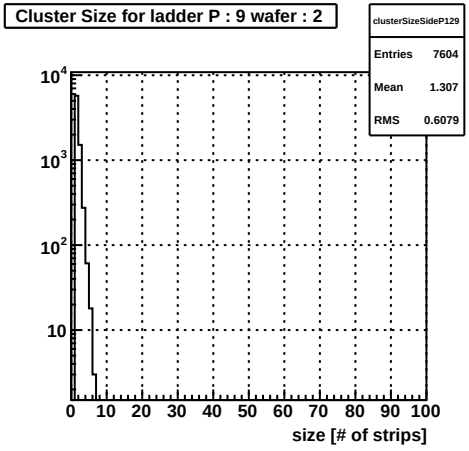

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 12709
Mean 1.414
RMS 0.7062
size [# of strips]

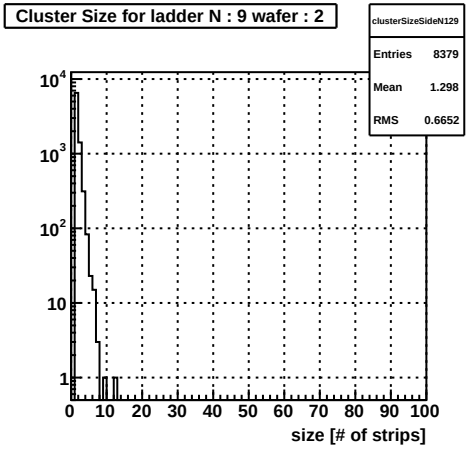

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2446
Mean 1.565
RMS 0.9086
size [# of strips]

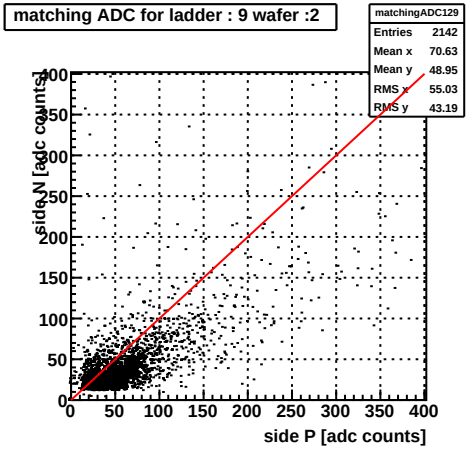

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 1007
Mean x 77.55
Mean y 53.64
RMS x 58.52
RMS y 41.13
side N [adc counts]
side P [adc counts]

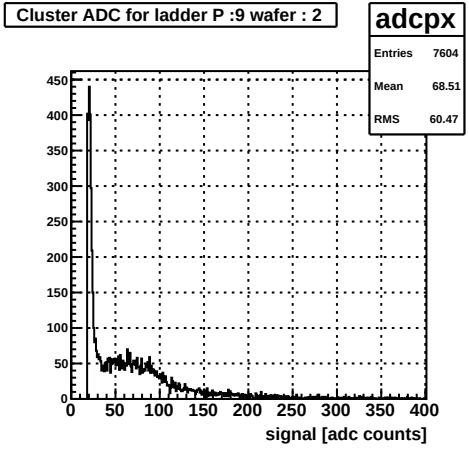

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 12709
Mean 84.02
RMS 68.2
signal [adc counts]

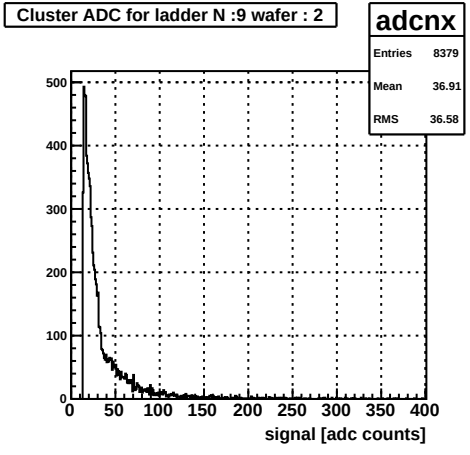

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2446
Mean 49.56
RMS 39.57
signal [adc counts]

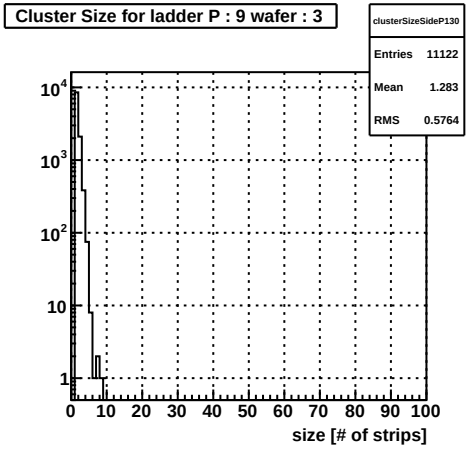

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 7604
Mean 1.307
RMS 0.6079
size [# of strips]

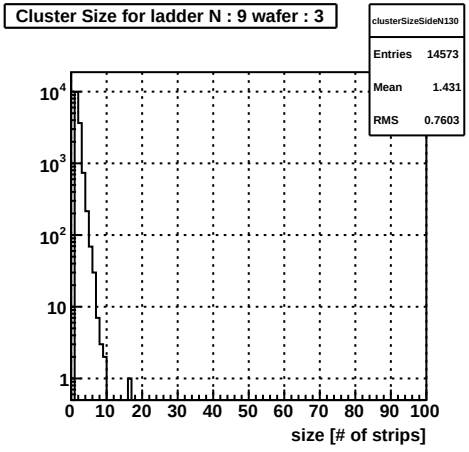

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 8379
Mean 1.298
RMS 0.6652
size [# of strips]

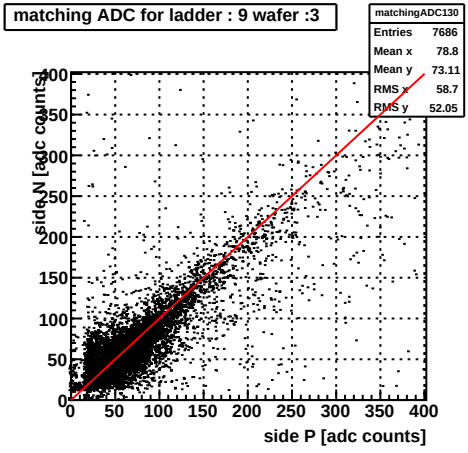

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 2142
Mean x 70.63
Mean y 48.95
RMS x 55.03
RMS y 43.19
side N [adc counts]
side P [adc counts]

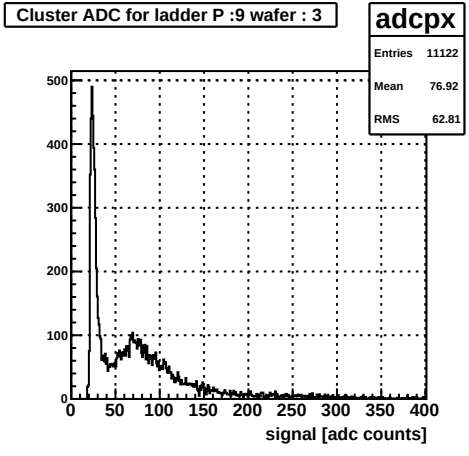

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 7604
Mean 68.51
RMS 60.47
signal [adc counts]

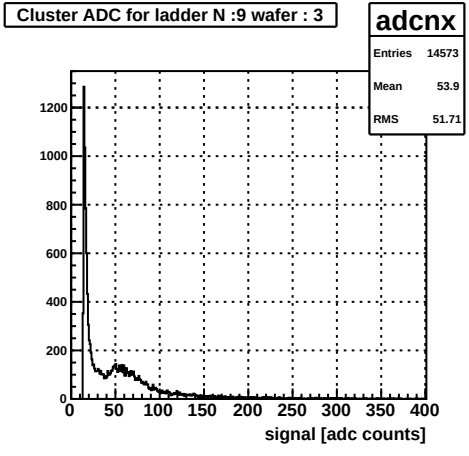

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 8379
Mean 36.91
RMS 36.58
signal [adc counts]

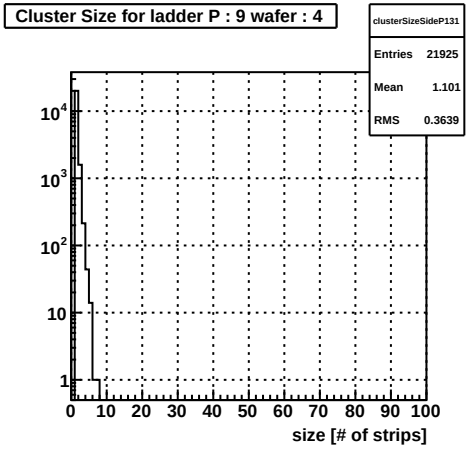

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 11122
Mean 1.283
RMS 0.5764
size [# of strips]

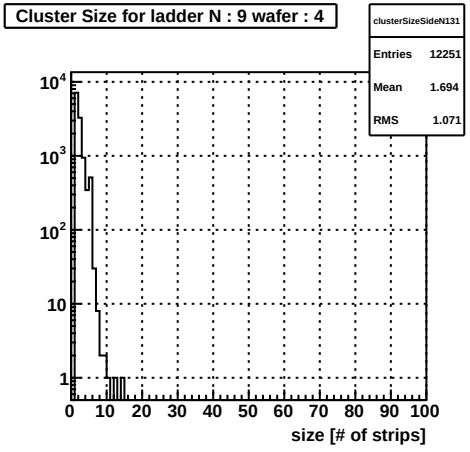

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 14573
Mean 1.431
RMS 0.7603
size [# of strips]

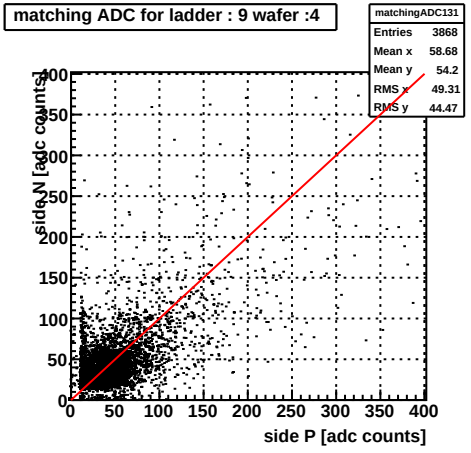

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 7686
Mean x 78.8
Mean y 73.11
RMS x 58.7
RMS y 52.05
side N [adc counts]
side P [adc counts]

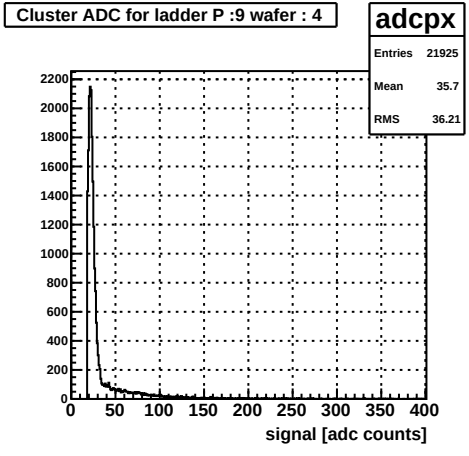

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 11122
Mean 76.92
RMS 62.81
signal [adc counts]

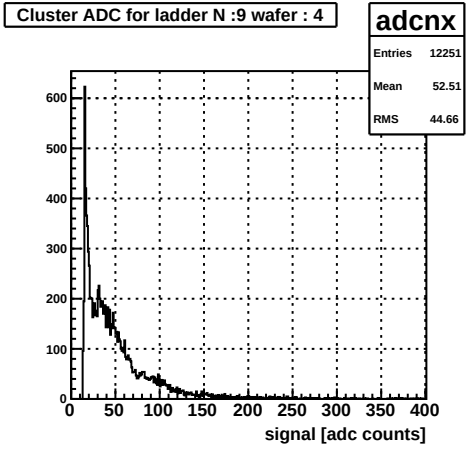

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 14573
Mean 53.9
RMS 51.71
signal [adc counts]

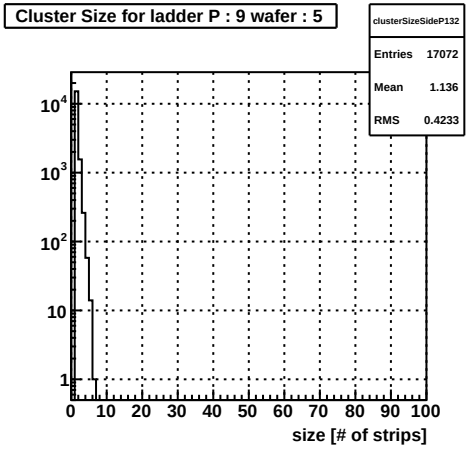

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 21925
Mean 1.101
RMS 0.3639
size [# of strips]

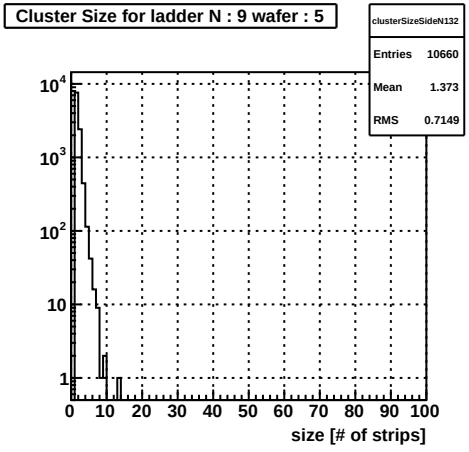

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 12251
Mean 1.694
RMS 1.071
size [# of strips]

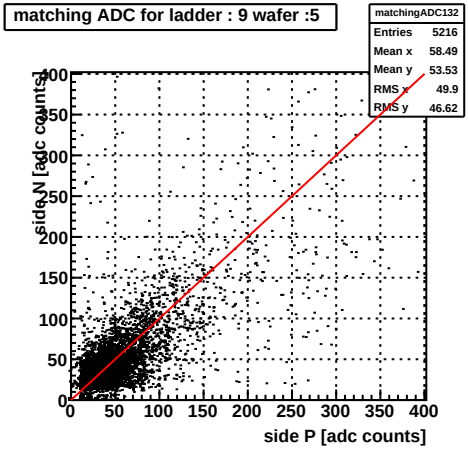

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 3868
Mean x 58.68
Mean y 54.2
RMS x 49.31
RMS y 44.47
side N [adc counts]
side P [adc counts]

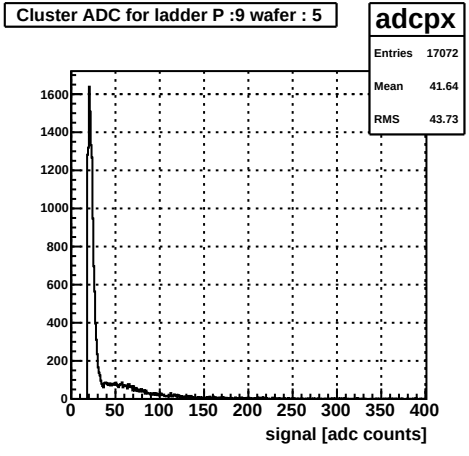

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 21925
Mean 35.7
RMS 36.21
signal [adc counts]

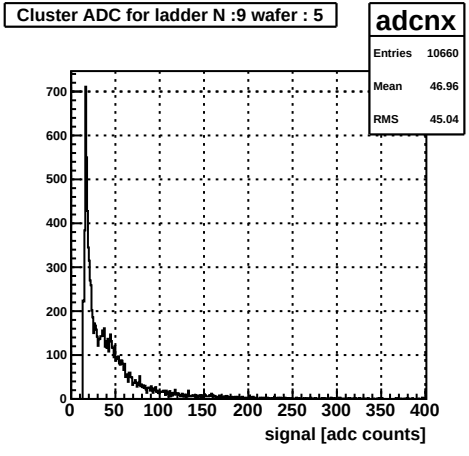

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 12251
Mean 52.51
RMS 44.66
signal [adc counts]

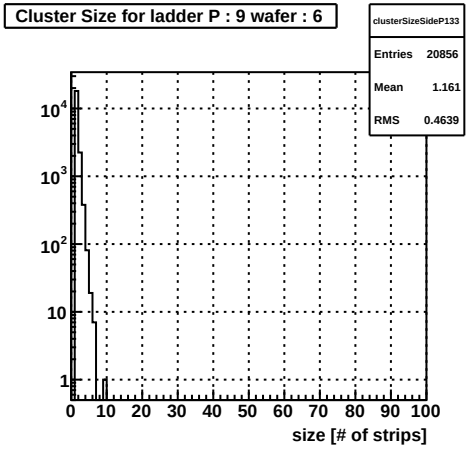

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 17072
Mean 1.136
RMS 0.4233
size [# of strips]

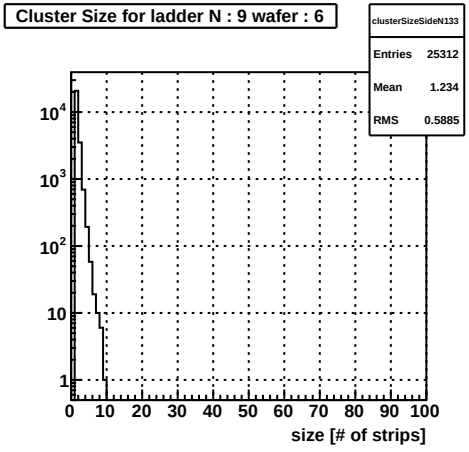

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 10660
Mean 1.373
RMS 0.7149
size [# of strips]

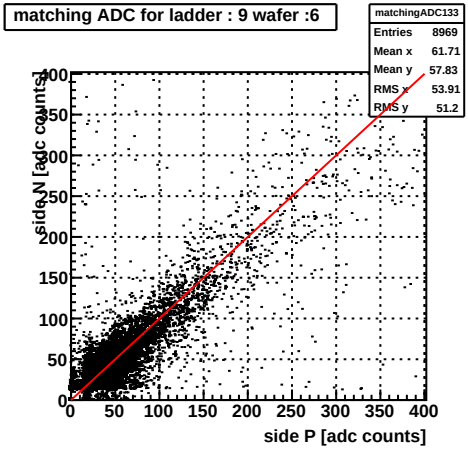

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 5216
Mean x 58.49
Mean y 53.53
RMS x 49.9
RMS y 46.62
side N [adc counts]
side P [adc counts]

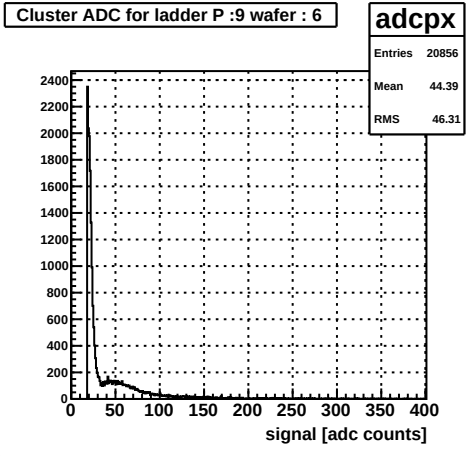

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 17072
Mean 41.64
RMS 43.73
signal [adc counts]

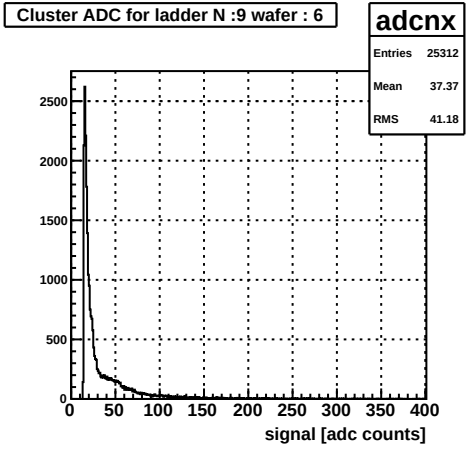

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 10660
Mean 46.96
RMS 45.04
signal [adc counts]

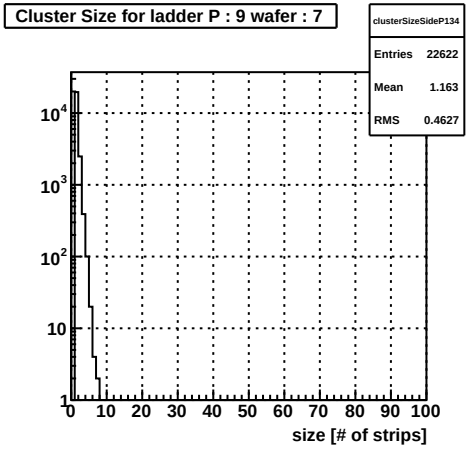

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 20856
Mean 1.161
RMS 0.4639
size [# of strips]

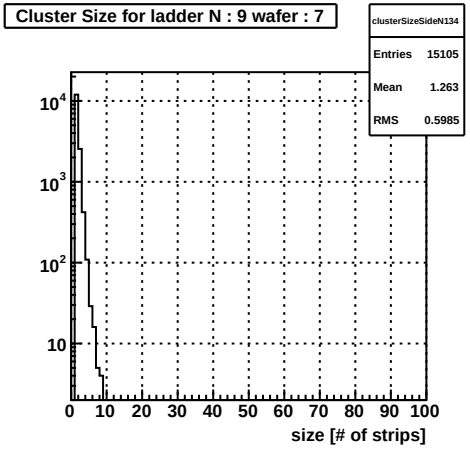

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 25312
Mean 1.234
RMS 0.5885
size [# of strips]

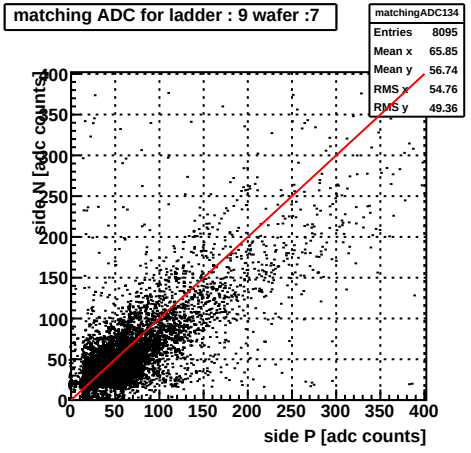

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 8969
Mean x 61.71
Mean y 57.83
RMS x 53.91
RMS y 51.2
side N [adc counts]
side P [adc counts]

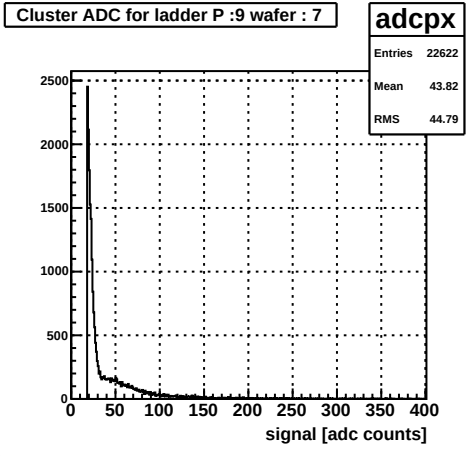

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 20856
Mean 44.39
RMS 46.31
signal [adc counts]

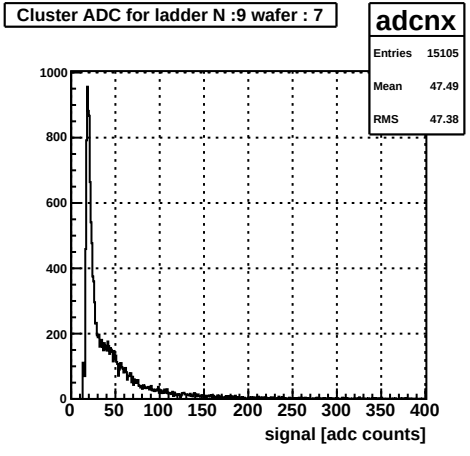

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 25312
Mean 37.37
RMS 41.18
signal [adc counts]

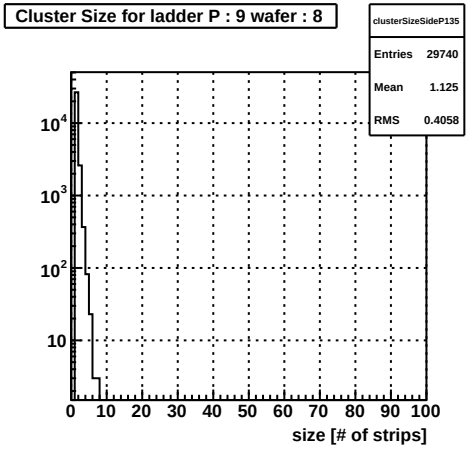

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 22622
Mean 1.163
RMS 0.4627
size [# of strips]

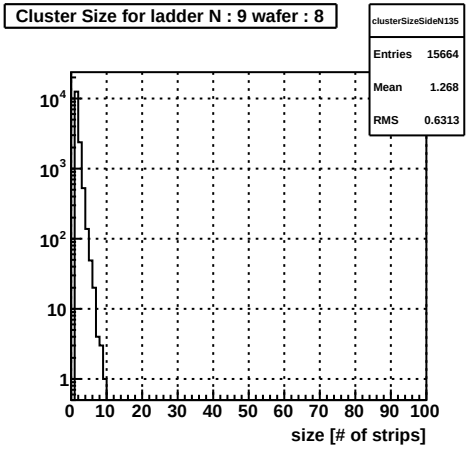

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 15105
Mean 1.263
RMS 0.5985
size [# of strips]

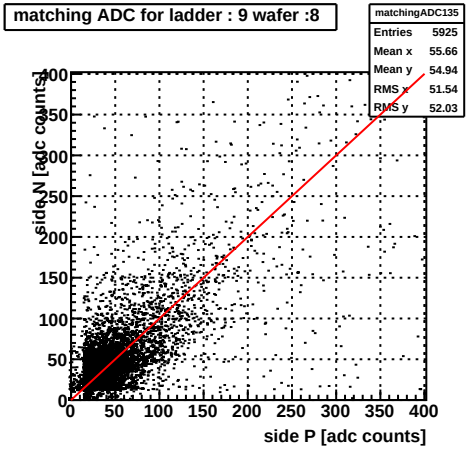

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 8095
Mean x 65.85
Mean y 56.74
RMS x 54.76
RMS y 49.36
side N [adc counts]
side P [adc counts]

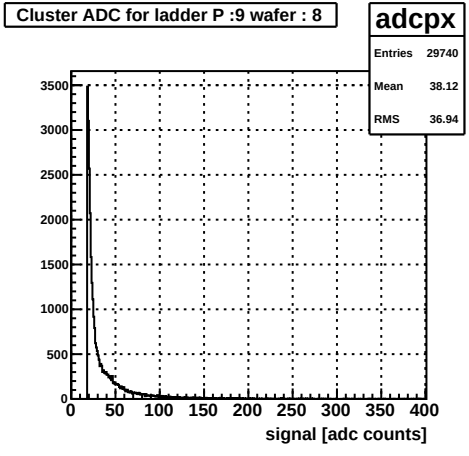

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 22622
Mean 43.82
RMS 44.79
signal [adc counts]

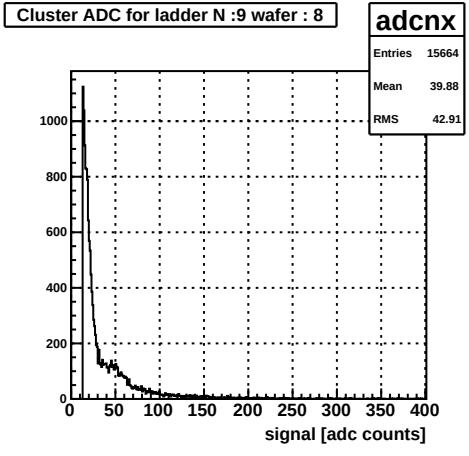

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 15105
Mean 47.49
RMS 47.38
signal [adc counts]

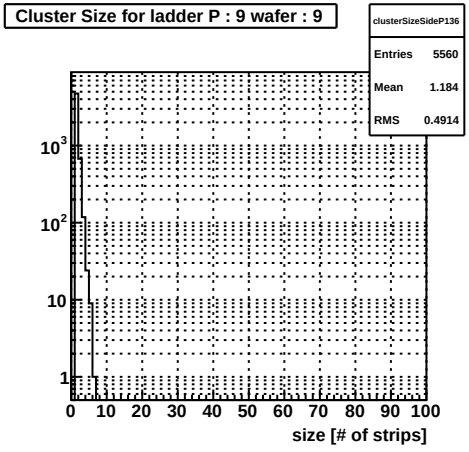

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 29740
Mean 1.125
RMS 0.4058
size [# of strips]

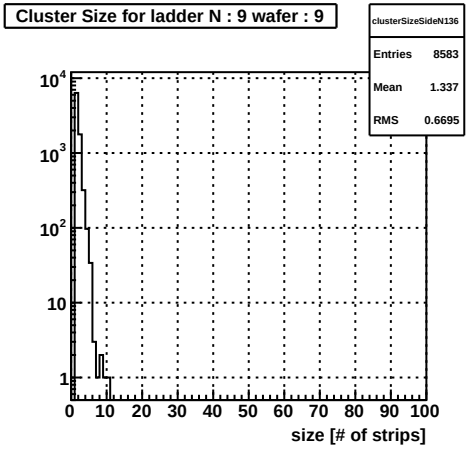

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 15664
Mean 1.268
RMS 0.6313
size [# of strips]

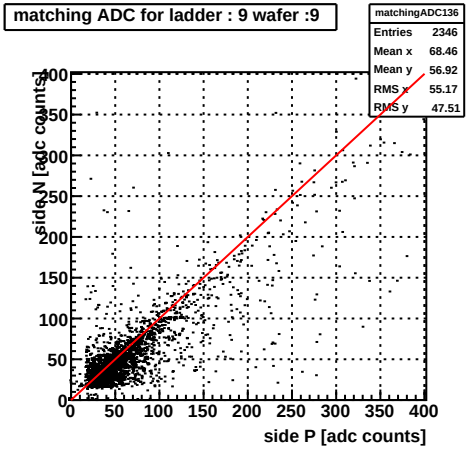

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 5925
Mean x 55.66
Mean y 54.94
RMS x 51.54
RMS y 52.03
side N [adc counts]
side P [adc counts]

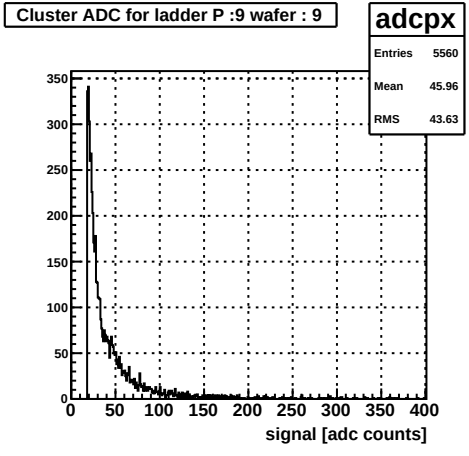

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 29740
Mean 38.12
RMS 36.94
signal [adc counts]

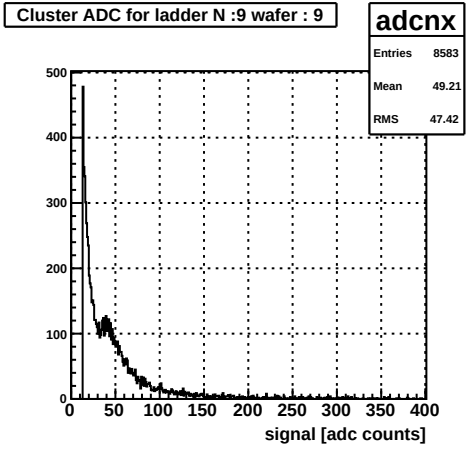

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 15664
Mean 39.88
RMS 42.91
signal [adc counts]

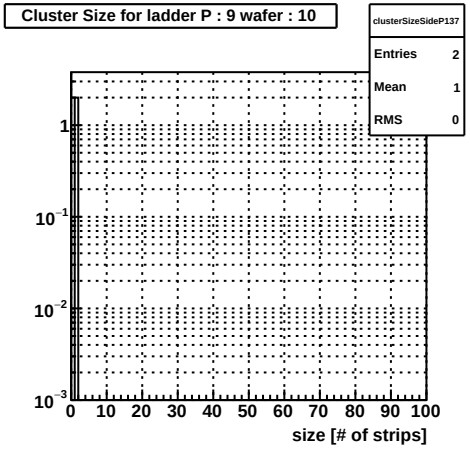

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 5560
Mean 1.184
RMS 0.4914
size [# of strips]

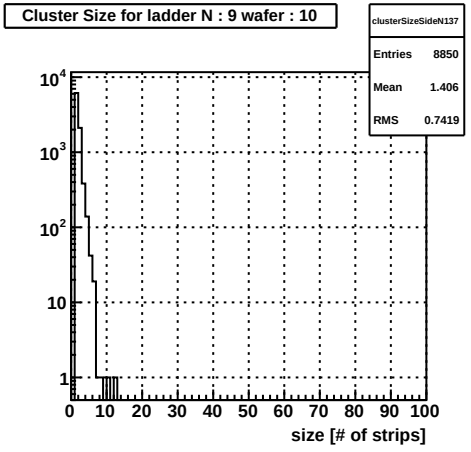

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 8583
Mean 1.337
RMS 0.6695
size [# of strips]

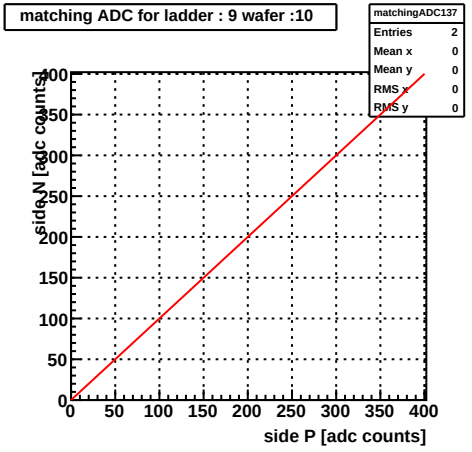

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 2346
Mean x 68.46
Mean y 56.92
RMS x 55.17
RMS y 47.51
side N [adc counts]
side P [adc counts]

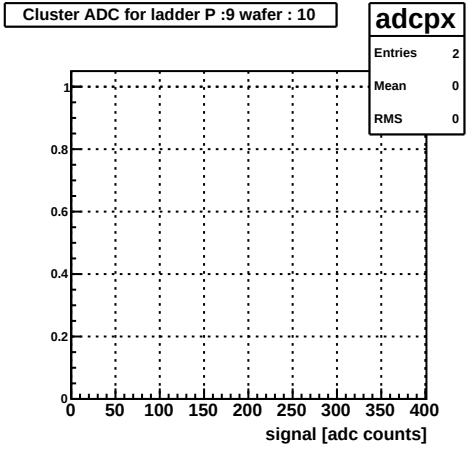

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 5560
Mean 45.96
RMS 43.63
signal [adc counts]

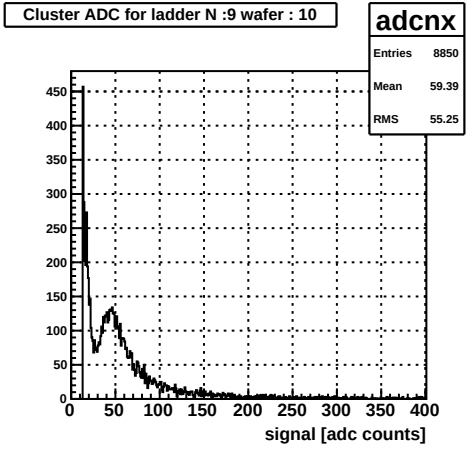

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 8583
Mean 49.21
RMS 47.42
signal [adc counts]

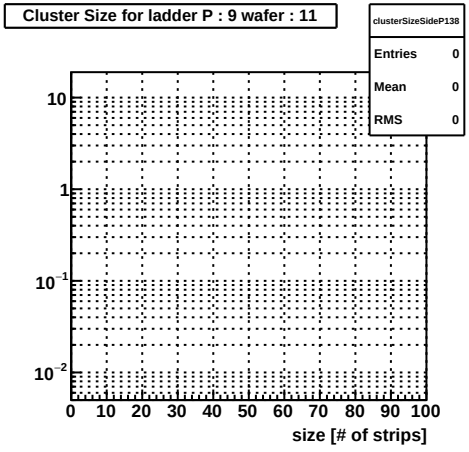

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 2
Mean 1
RMS 0
size [# of strips]

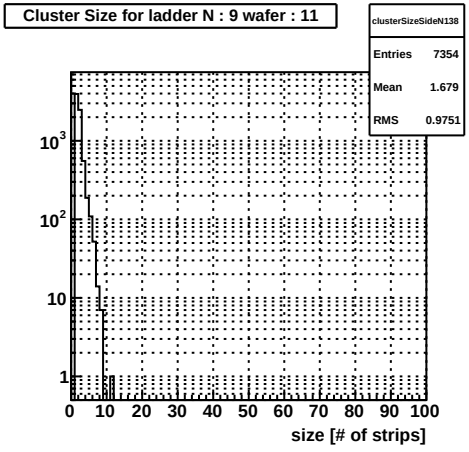

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 8850
Mean 1.406
RMS 0.7419
size [# of strips]

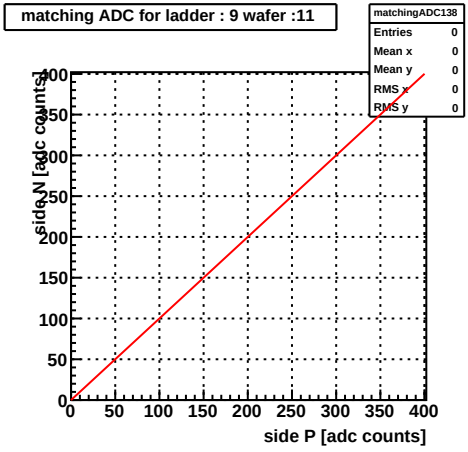

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

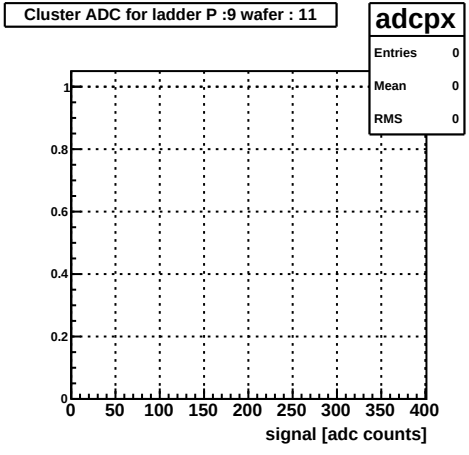

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

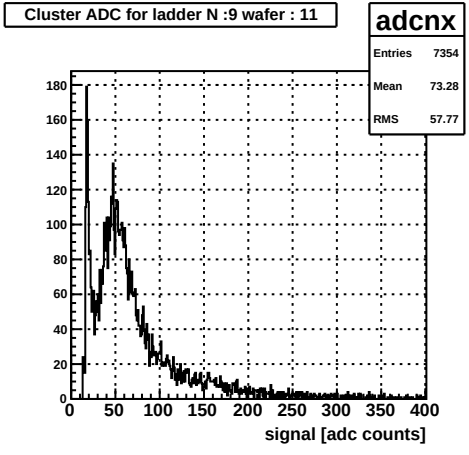

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 8850
Mean 59.39
RMS 55.25
signal [adc counts]

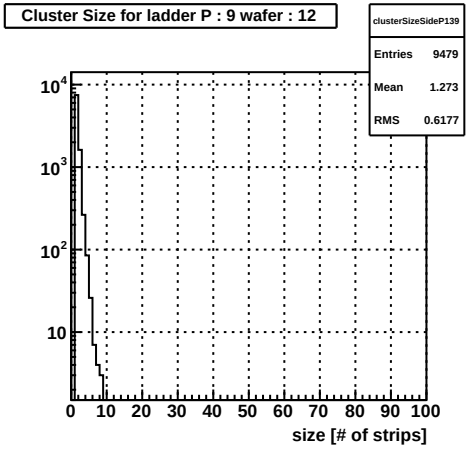

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

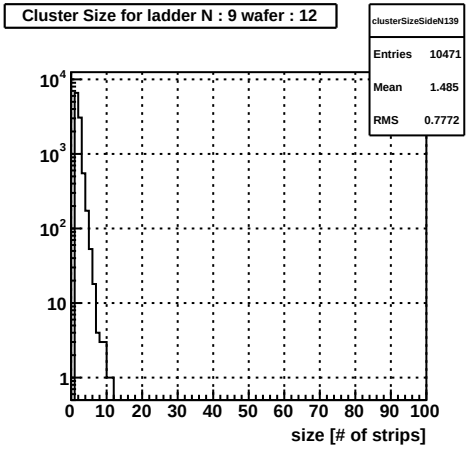

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 7354
Mean 1.679
RMS 0.9751
size [# of strips]

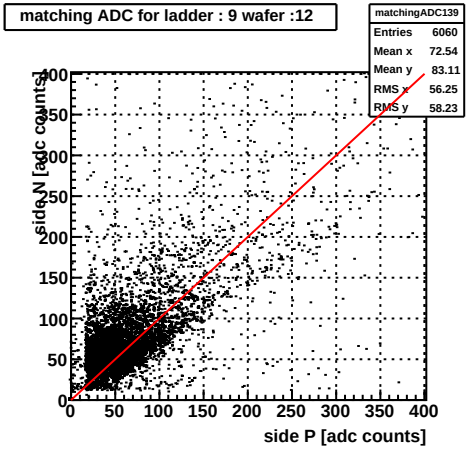

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

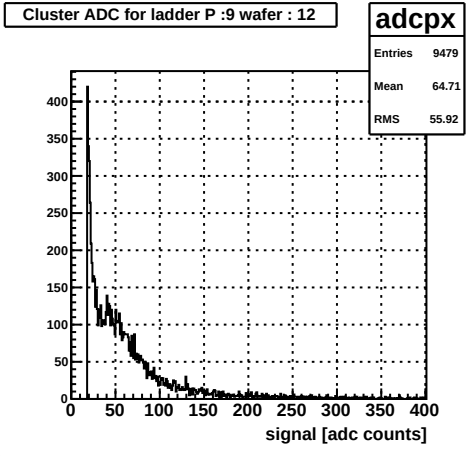

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

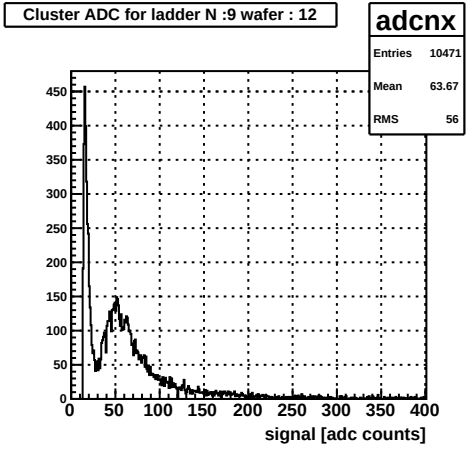

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 7354
Mean 73.28
RMS 57.77
signal [adc counts]

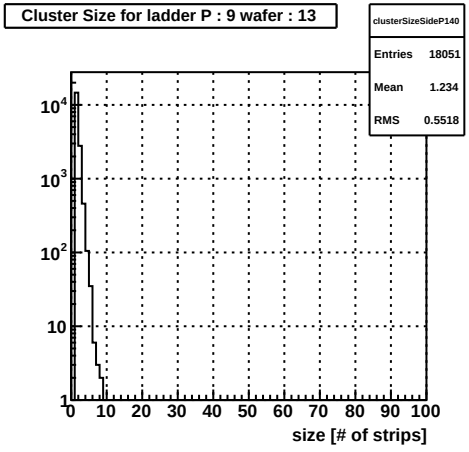

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 9479
Mean 1.273
RMS 0.6177
size [# of strips]

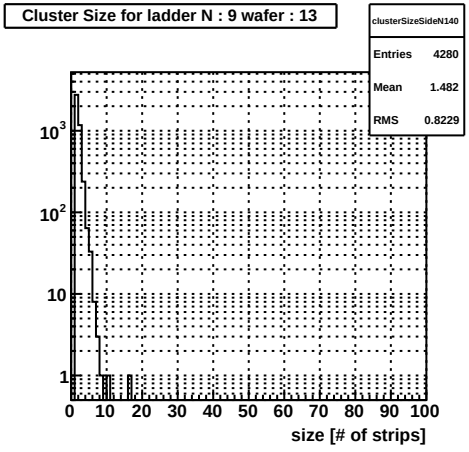

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 10471
Mean 1.485
RMS 0.7772
size [# of strips]

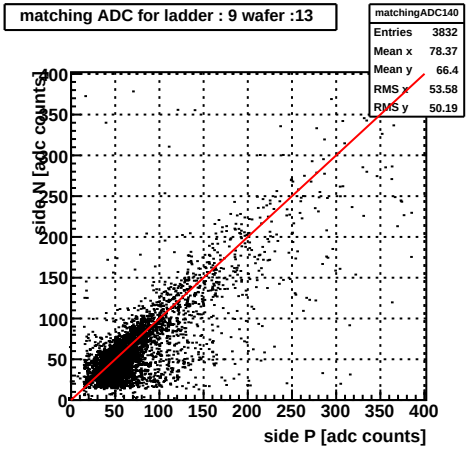

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 6060
Mean x 72.54
Mean y 83.11
RMS x 56.25
RMS y 58.23
side N [adc counts]
side P [adc counts]

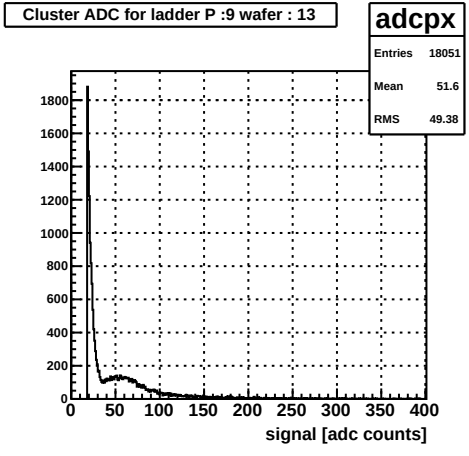

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 9479
Mean 64.71
RMS 55.92
signal [adc counts]

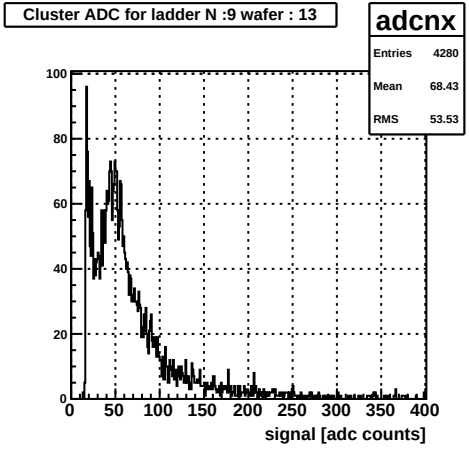

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 10471
Mean 63.67
RMS 56
signal [adc counts]

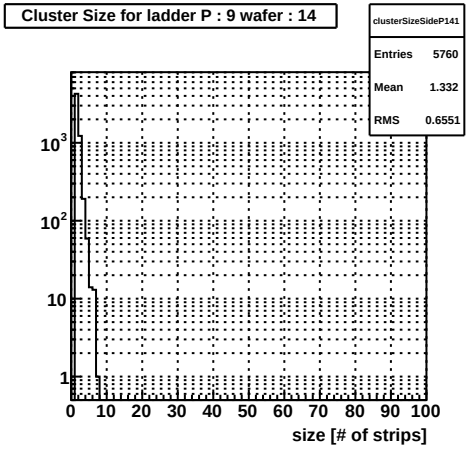

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 18051
Mean 1.234
RMS 0.5518
size [# of strips]

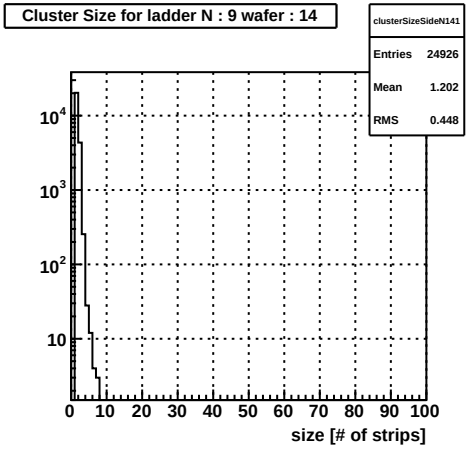

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 4280
Mean 1.482
RMS 0.8229
size [# of strips]

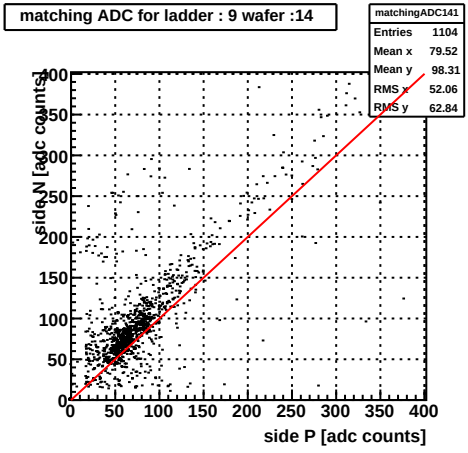

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 3832
Mean x 78.37
Mean y 66.4
RMS x 53.58
RMS y 50.19
side N [adc counts]
side P [adc counts]

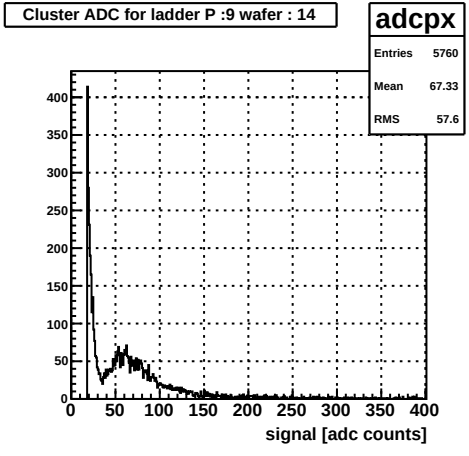

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 18051
Mean 51.6
RMS 49.38
signal [adc counts]

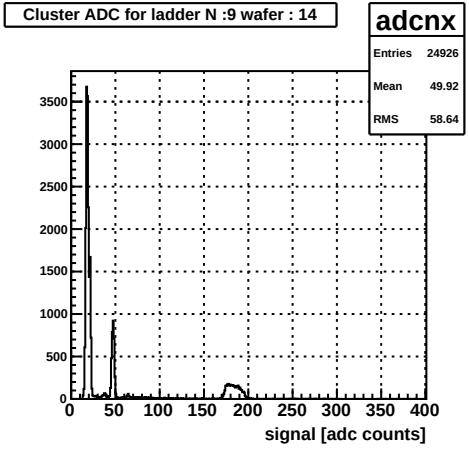

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 4280
Mean 68.43
RMS 53.53
signal [adc counts]

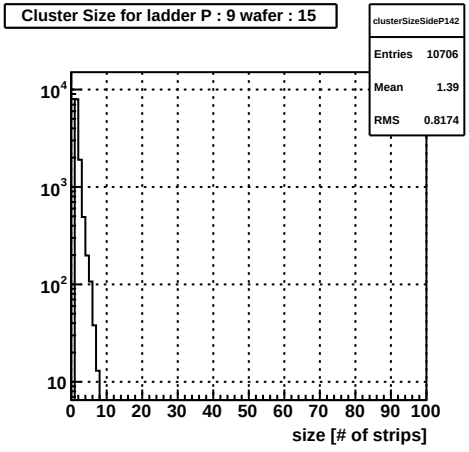

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 5760
Mean 1.332
RMS 0.6551
size [# of strips]

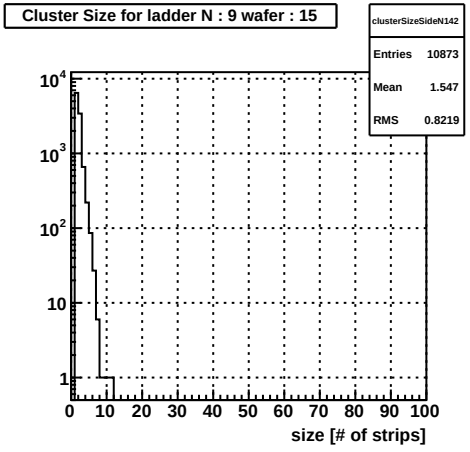

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 24926
Mean 1.202
RMS 0.448
size [# of strips]

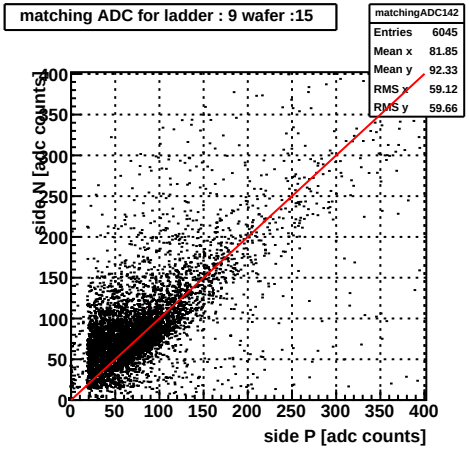

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 1104
Mean x 79.52
Mean y 98.31
RMS x 52.06
RMS y 62.84
side N [adc counts]
side P [adc counts]

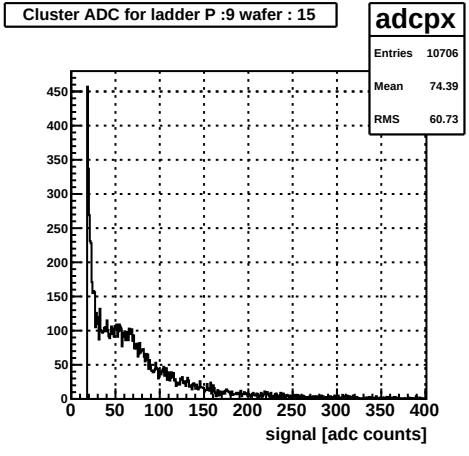

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 5760
Mean 67.33
RMS 57.6
signal [adc counts]

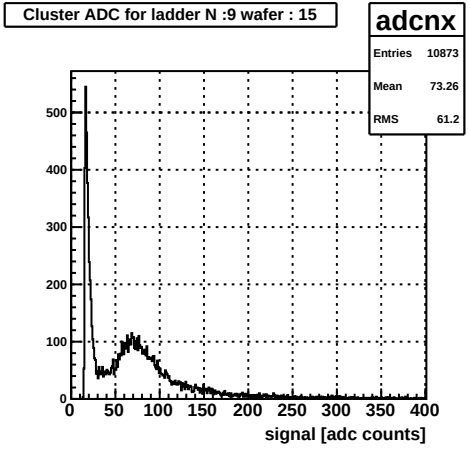

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 24926
Mean 49.92
RMS 58.64
signal [adc counts]

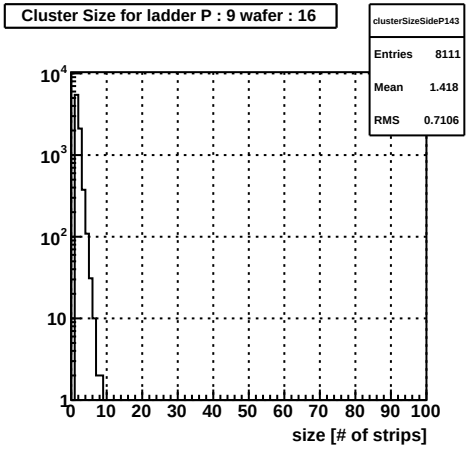

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 10706
Mean 1.39
RMS 0.8174
size [# of strips]

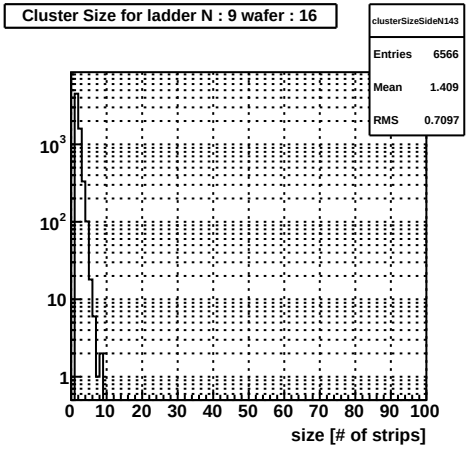

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 10873
Mean 1.547
RMS 0.8219
size [# of strips]

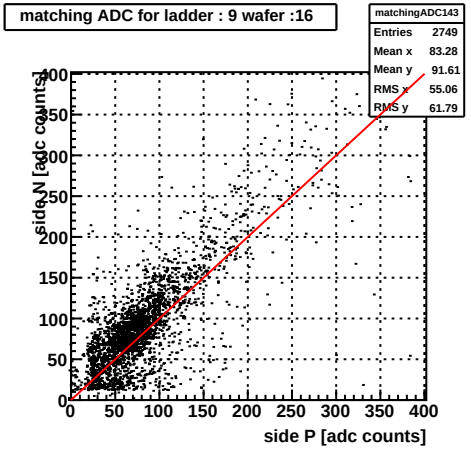

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 6045
Mean x 81.85
Mean y 92.33
RMS x 59.12
RMS y 59.66
side N [adc counts]
side P [adc counts]

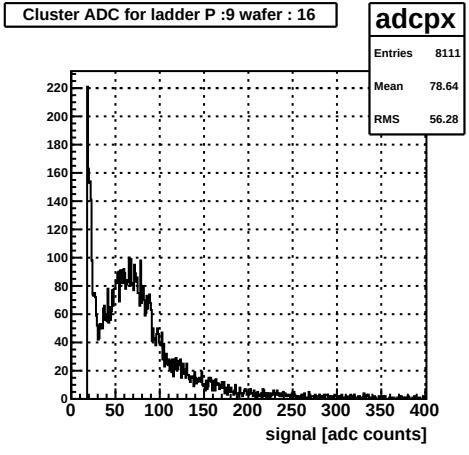

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 10706
Mean 74.39
RMS 60.73
signal [adc counts]

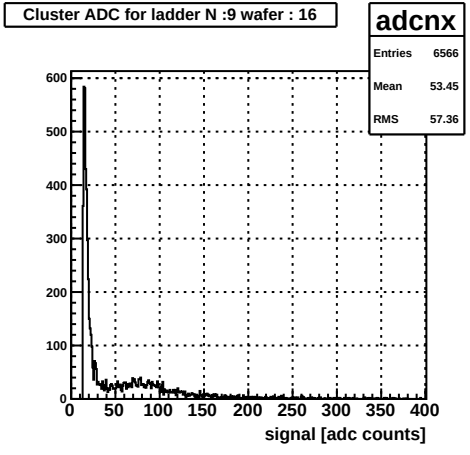

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 10873
Mean 73.26
RMS 61.2
signal [adc counts]

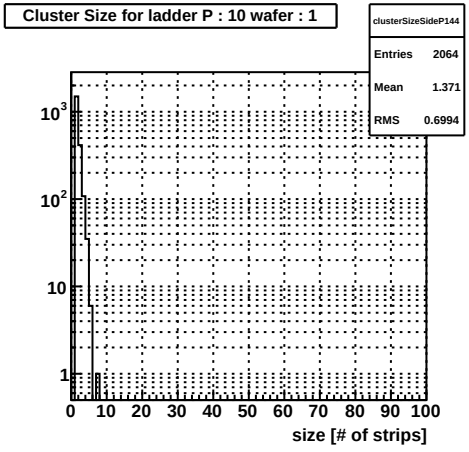

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 8111
Mean 1.418
RMS 0.7106
size [# of strips]

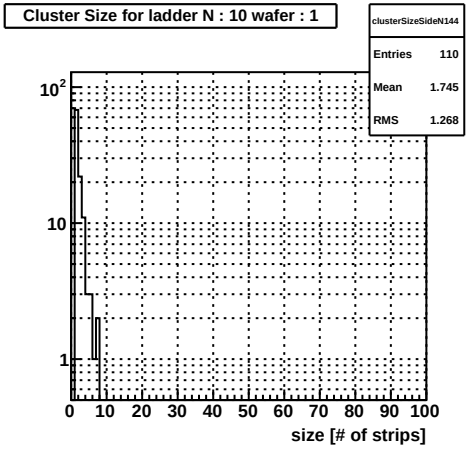

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 6566
Mean 1.409
RMS 0.7097
size [# of strips]

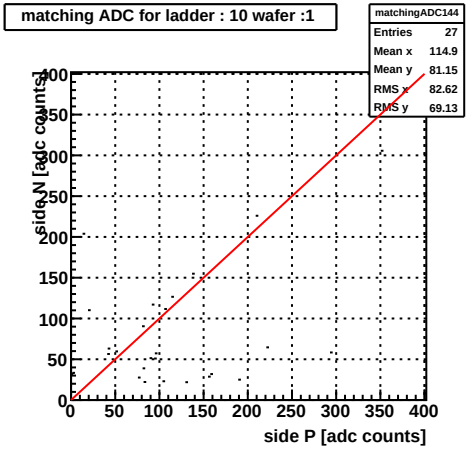

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 2749
Mean x 83.28
Mean y 91.61
RMS x 55.06
RMS y 61.79
side N [adc counts]
side P [adc counts]

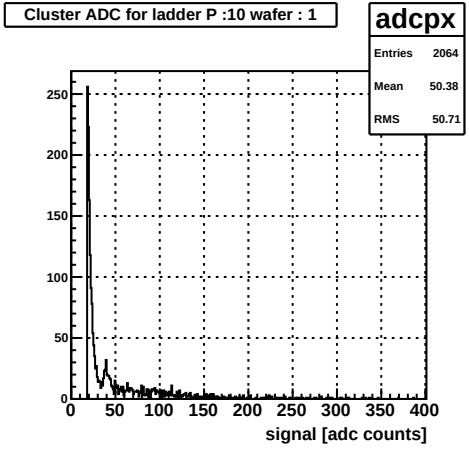

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 8111
Mean 78.64
RMS 56.28
signal [adc counts]

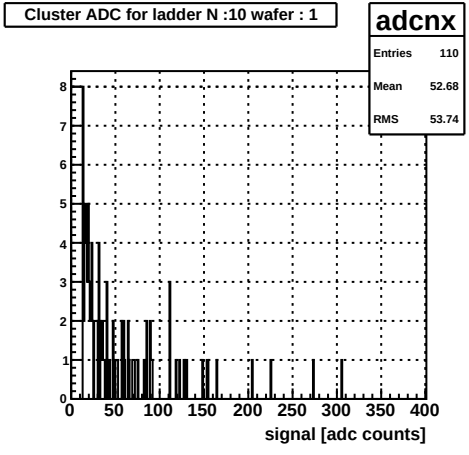

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 6566
Mean 53.45
RMS 57.36
signal [adc counts]

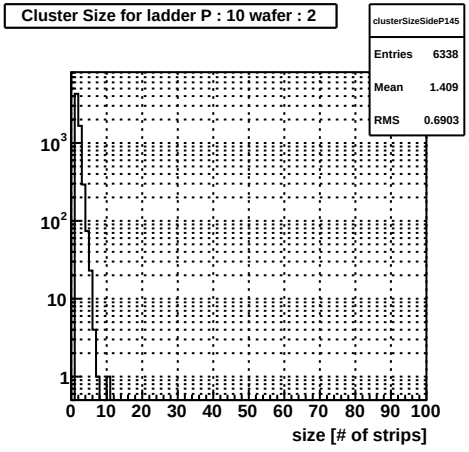

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 2064
Mean 1.371
RMS 0.6994
size [# of strips]

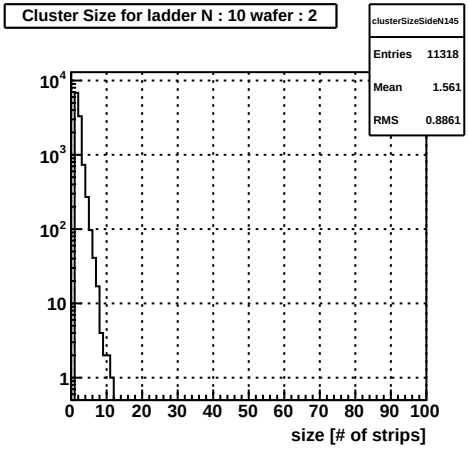

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 110
Mean 1.745
RMS 1.268
size [# of strips]

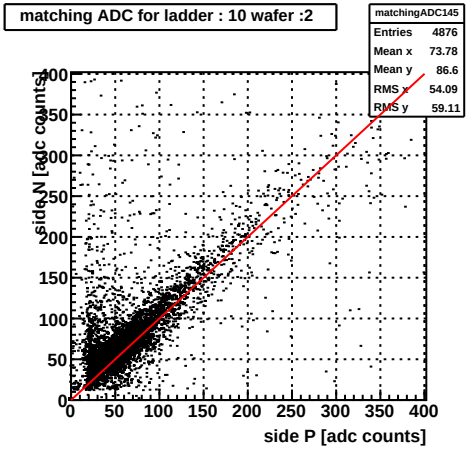

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 27
Mean x 114.9
Mean y 81.15
RMS x 82.62
RMS y 69.13
side N [adc counts]
side P [adc counts]

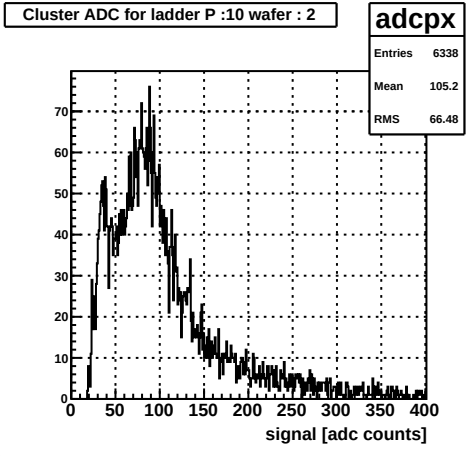

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 2064
Mean 50.38
RMS 50.71
signal [adc counts]

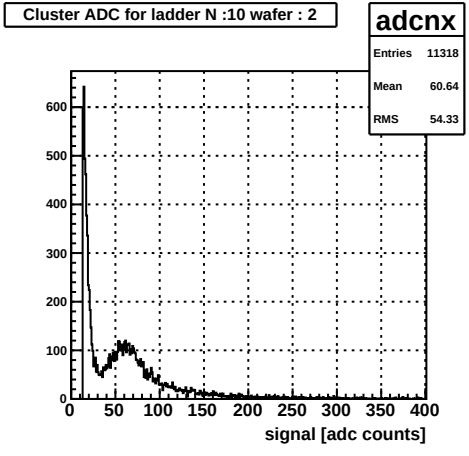

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 110
Mean 52.68
RMS 53.74
signal [adc counts]

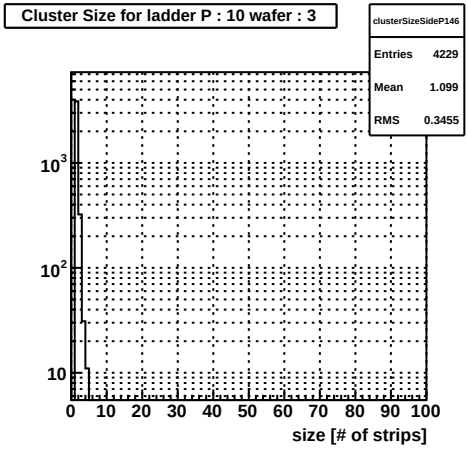

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 6338
Mean 1.409
RMS 0.6903
size [# of strips]

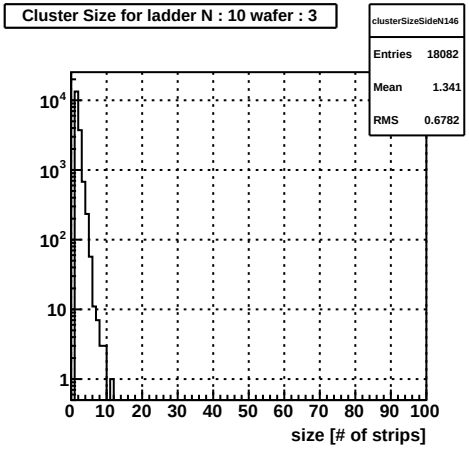

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 11318
Mean 1.561
RMS 0.8861
size [# of strips]

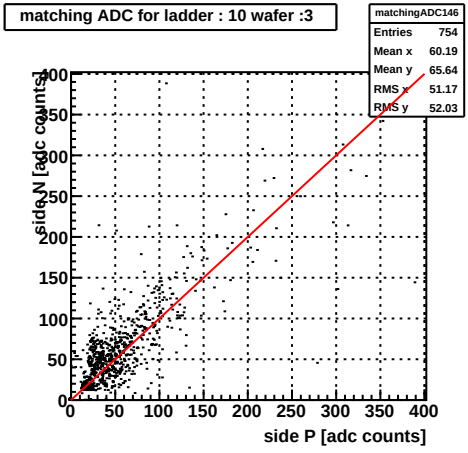

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 4876
Mean x 73.78
Mean y 86.6
RMS x 54.09
RMS y 59.11
side N [adc counts]
side P [adc counts]

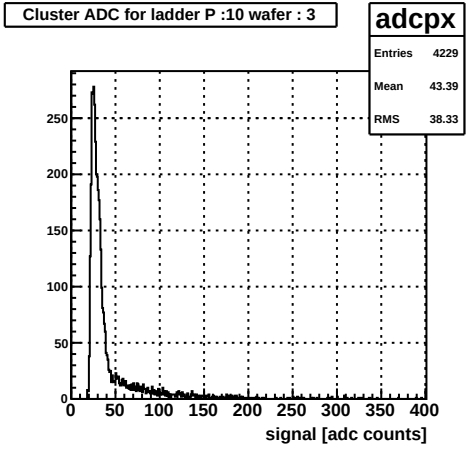

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 6338
Mean 105.2
RMS 66.48
signal [adc counts]

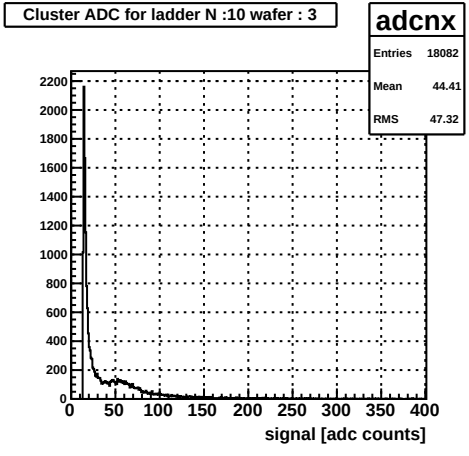

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 11318
Mean 60.64
RMS 54.33
signal [adc counts]

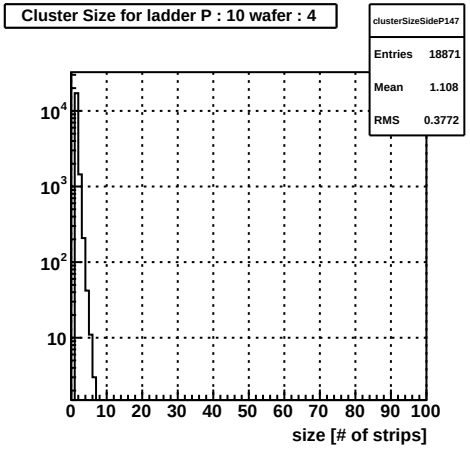

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 4229
Mean 1.099
RMS 0.3455
size [# of strips]

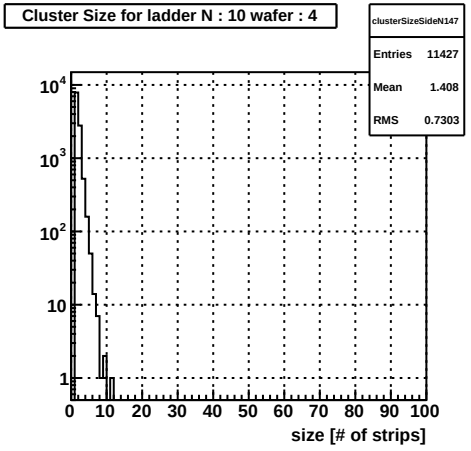

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 18082
Mean 1.341
RMS 0.6782
size [# of strips]

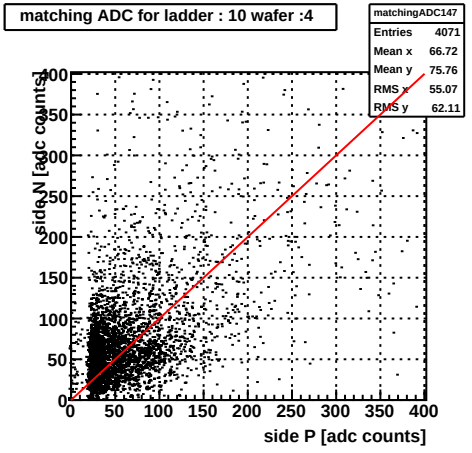

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 754
Mean x 60.19
Mean y 65.64
RMS x 51.17
RMS y 52.03
side N [adc counts]
side P [adc counts]

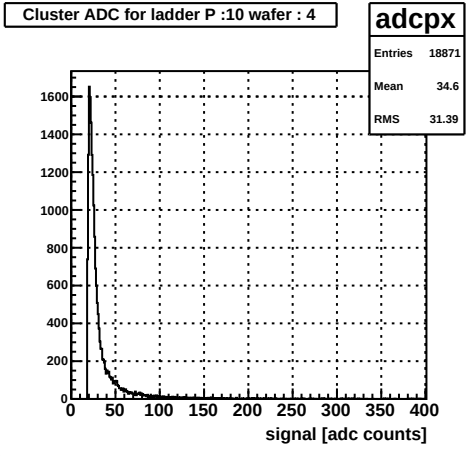

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 4229
Mean 43.39
RMS 38.33
signal [adc counts]

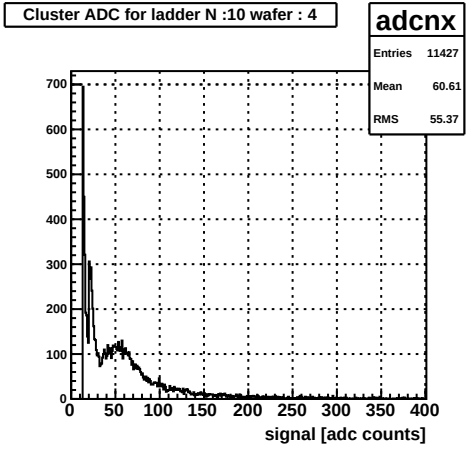

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 18082
Mean 44.41
RMS 47.32
signal [adc counts]

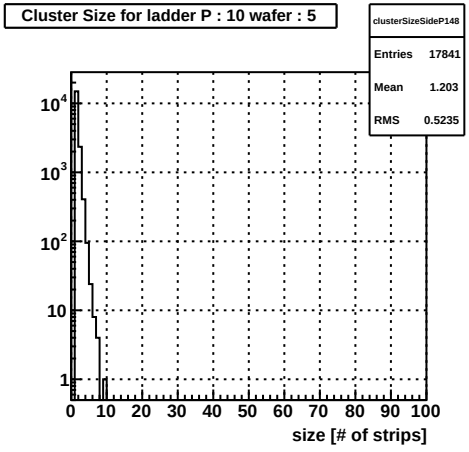

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 18871
Mean 1.108
RMS 0.3772
size [# of strips]

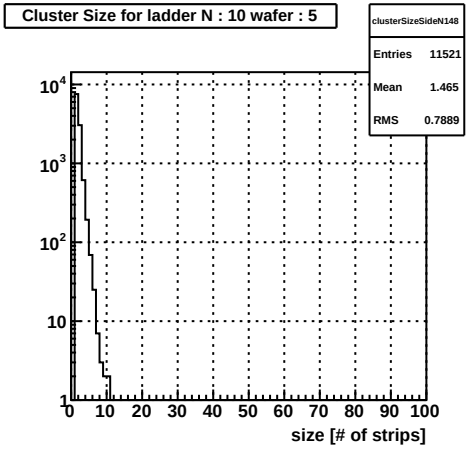

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 11427
Mean 1.408
RMS 0.7303
size [# of strips]

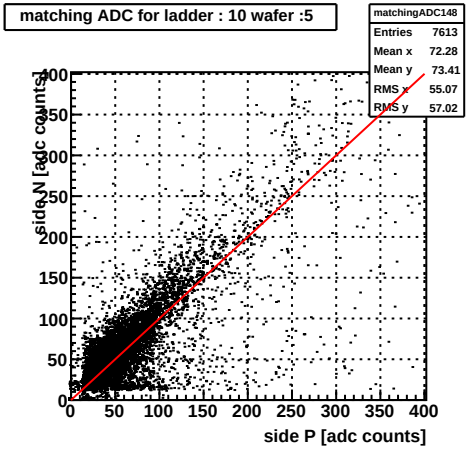

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 4071
Mean x 66.72
Mean y 75.76
RMS x 55.07
RMS y 62.11
side N [adc counts]
side P [adc counts]

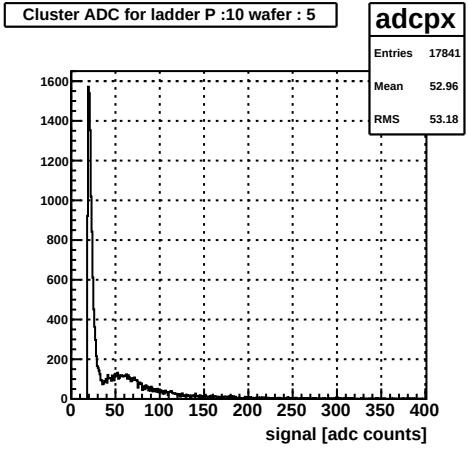

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 18871
Mean 34.6
RMS 31.39
signal [adc counts]

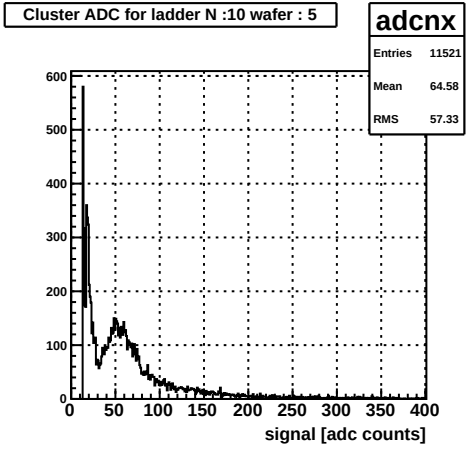

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 11427
Mean 60.61
RMS 55.37
signal [adc counts]

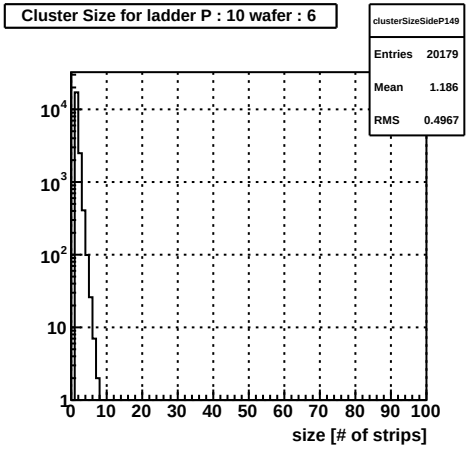

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 17841
Mean 1.203
RMS 0.5235
size [# of strips]

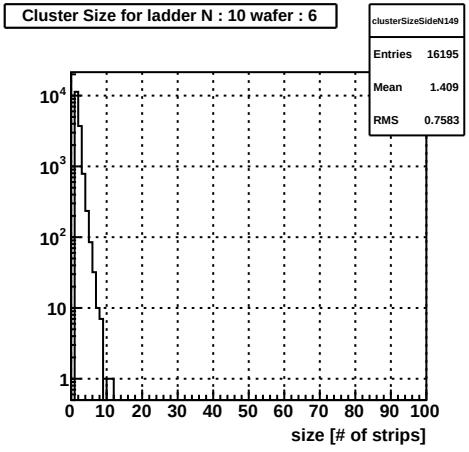

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 11521
Mean 1.465
RMS 0.7889
size [# of strips]

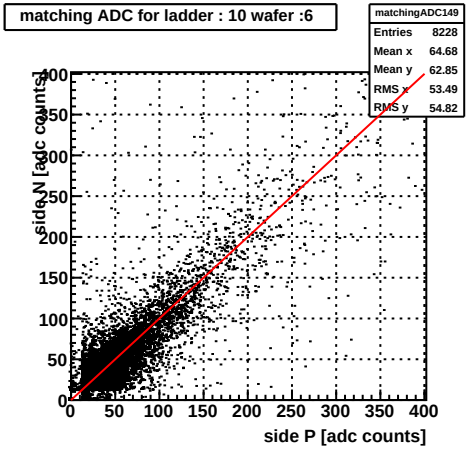

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 7613
Mean x 72.28
Mean y 73.41
RMS x 55.07
RMS y 57.02
side N [adc counts]
side P [adc counts]

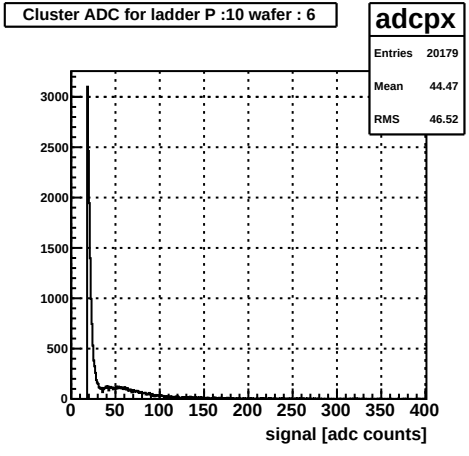

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 17841
Mean 52.96
RMS 53.18
signal [adc counts]

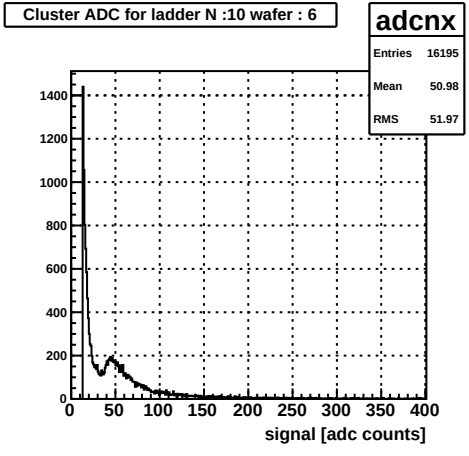

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 11521
Mean 64.58
RMS 57.33
signal [adc counts]

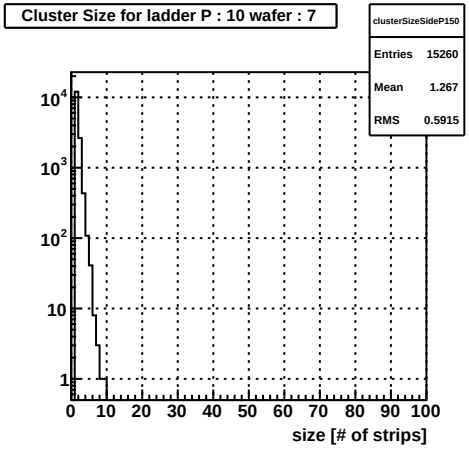

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 20179
Mean 1.186
RMS 0.4967
size [# of strips]

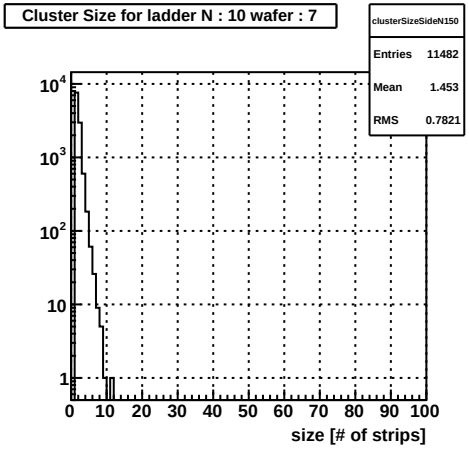

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 16195
Mean 1.409
RMS 0.7583
size [# of strips]

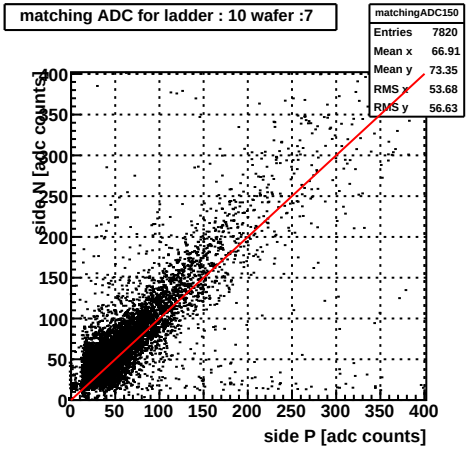

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 8228
Mean x 64.68
Mean y 62.85
RMS x 53.49
RMS y 54.82
side N [adc counts]
side P [adc counts]

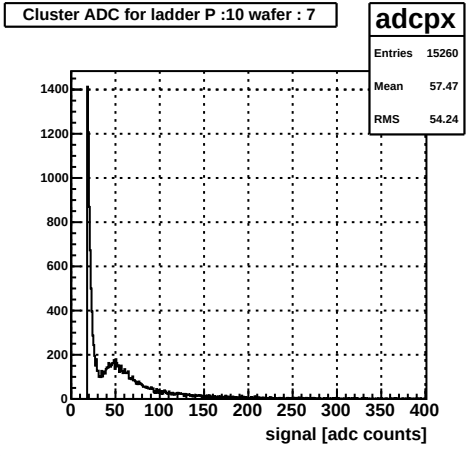

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 20179
Mean 44.47
RMS 46.52
signal [adc counts]

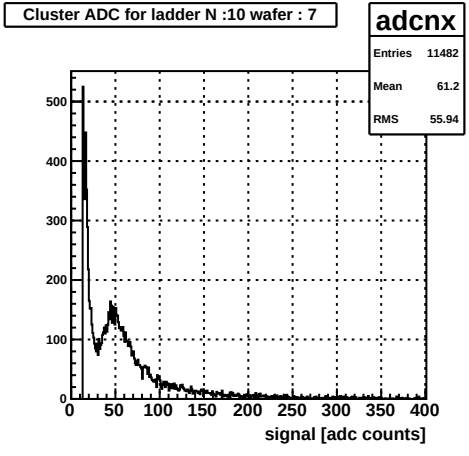

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 16195
Mean 50.98
RMS 51.97
signal [adc counts]

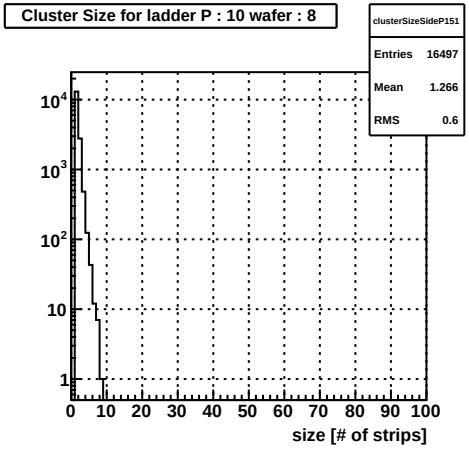

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 15260
Mean 1.267
RMS 0.5915
size [# of strips]

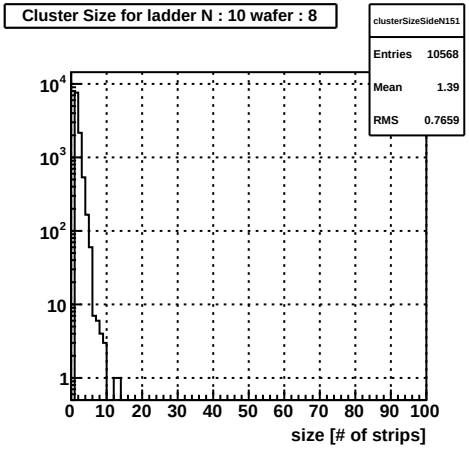

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 11482
Mean 1.453
RMS 0.7821
size [# of strips]

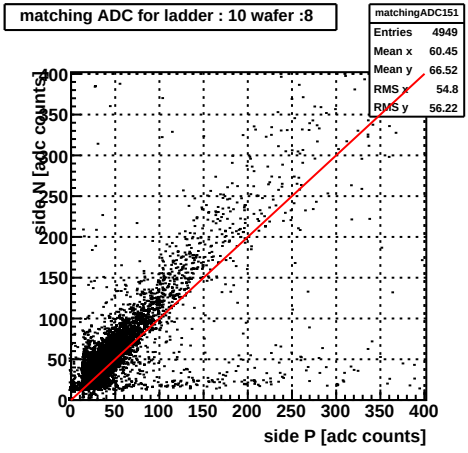

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 7820
Mean x 66.91
Mean y 73.35
RMS x 53.68
RMS y 56.63
side N [adc counts]
side P [adc counts]

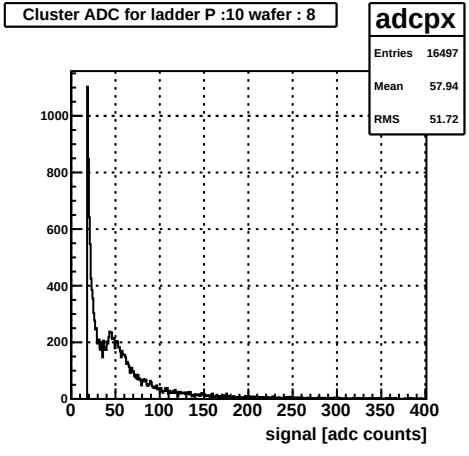

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 15260
Mean 57.47
RMS 54.24
signal [adc counts]

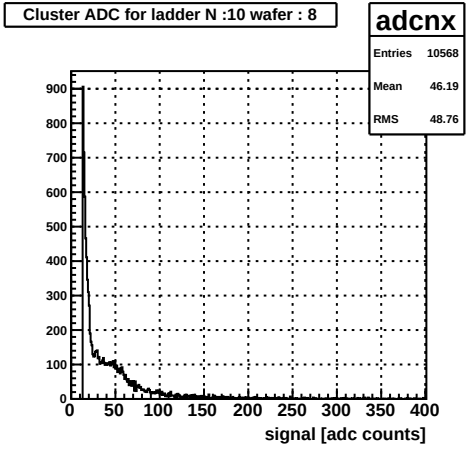

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 11482
Mean 61.2
RMS 55.94
signal [adc counts]

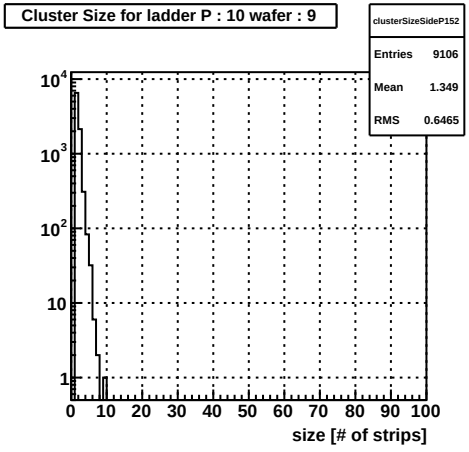

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 16497
Mean 1.266
RMS 0.6
size [# of strips]

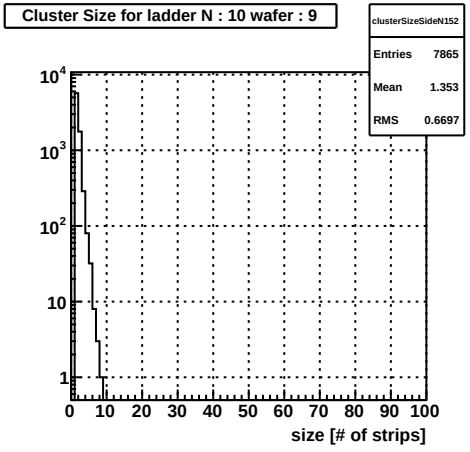

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 10568
Mean 1.39
RMS 0.7659
size [# of strips]

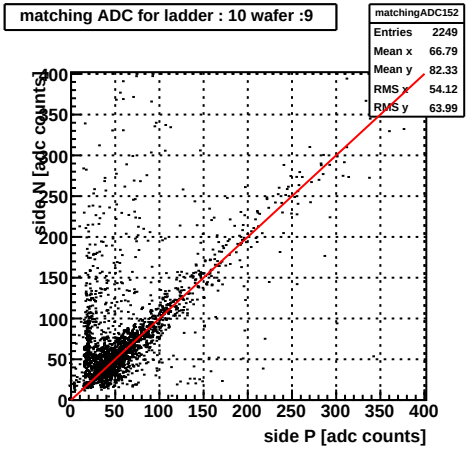

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 4949
Mean x 60.45
Mean y 66.52
RMS x 54.8
RMS y 56.22
side N [adc counts]
side P [adc counts]

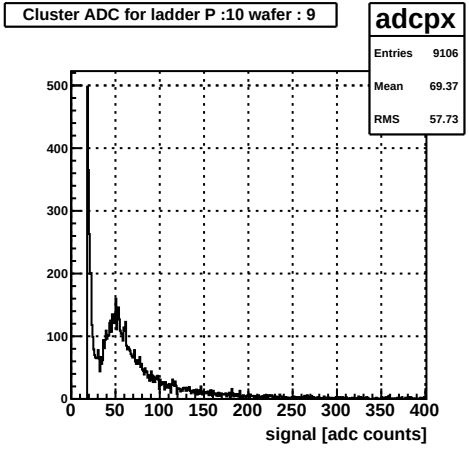

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 16497
Mean 57.94
RMS 51.72
signal [adc counts]

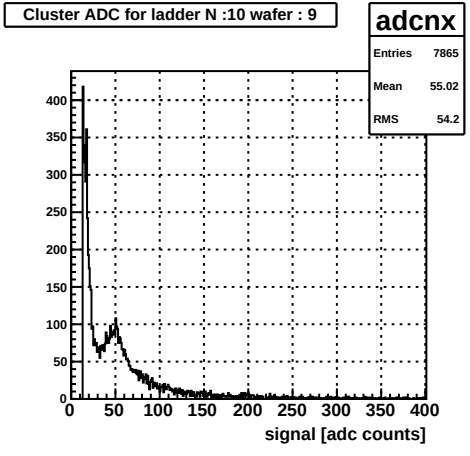

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 10568
Mean 46.19
RMS 48.76
signal [adc counts]

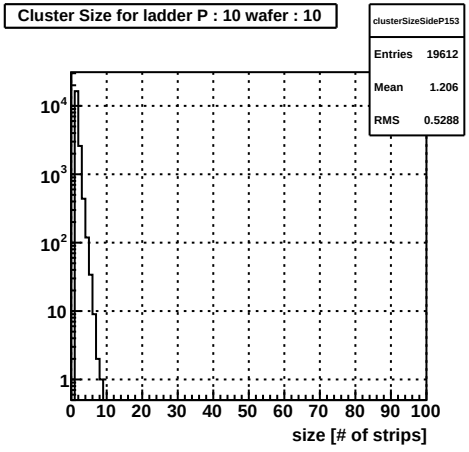

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 9106
Mean 1.349
RMS 0.6465
size [# of strips]

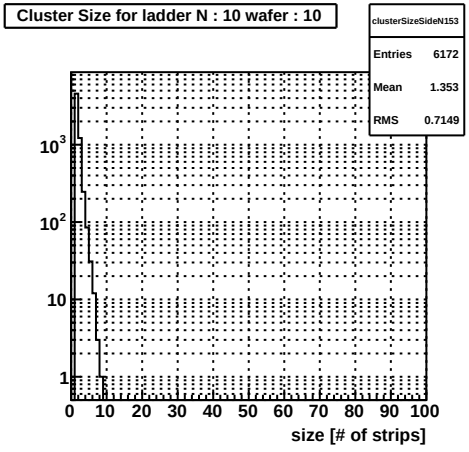

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 7865
Mean 1.353
RMS 0.6697
size [# of strips]

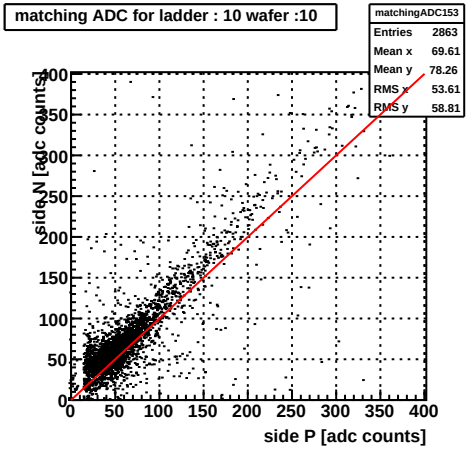

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 2249
Mean x 66.79
Mean y 82.33
RMS x 54.12
RMS y 63.99
side N [adc counts]
side P [adc counts]

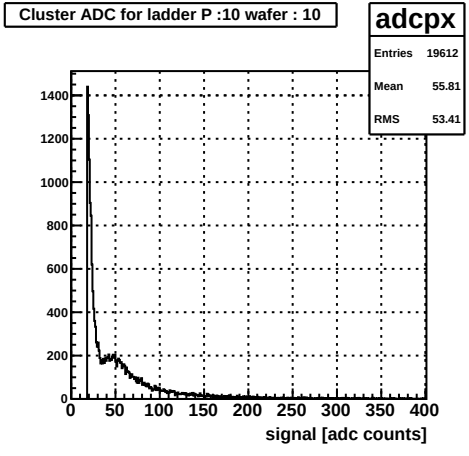

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 9106
Mean 69.37
RMS 57.73
signal [adc counts]

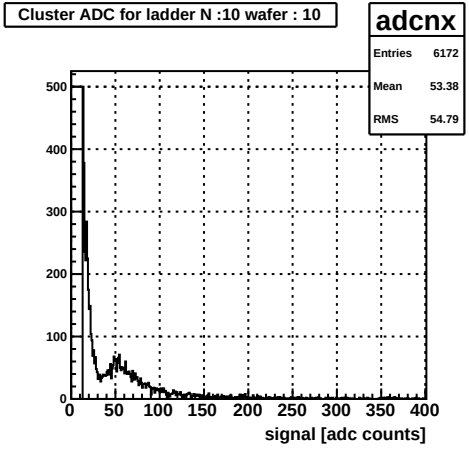

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 7865
Mean 55.02
RMS 54.2
signal [adc counts]

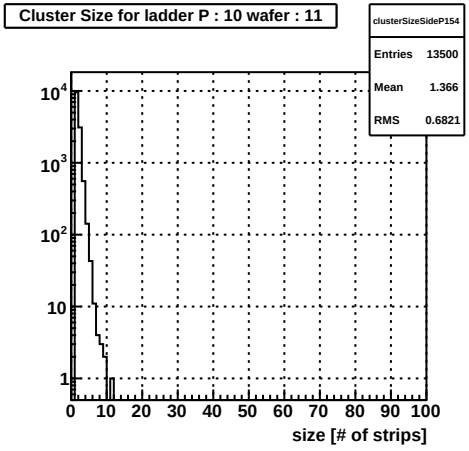

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 19612
Mean 1.206
RMS 0.5288
size [# of strips]

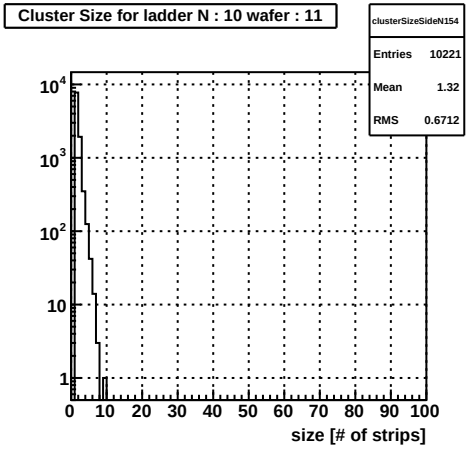

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 6172
Mean 1.353
RMS 0.7149
size [# of strips]

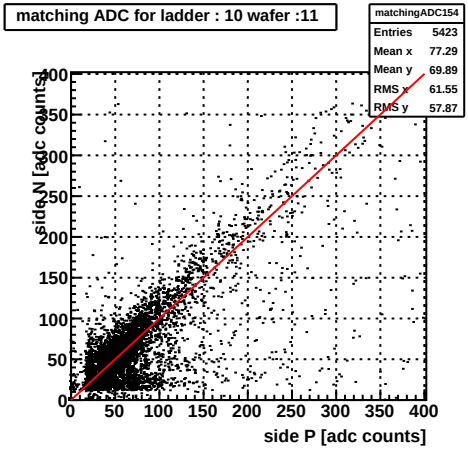

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 2863
Mean x 69.61
Mean y 78.26
RMS x 53.61
RMS y 58.81
side N [adc counts]
side P [adc counts]

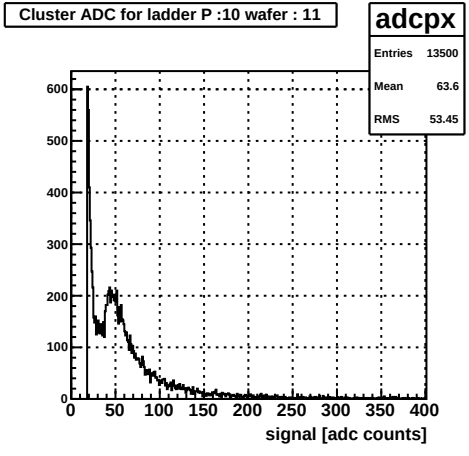

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 19612
Mean 55.81
RMS 53.41
signal [adc counts]

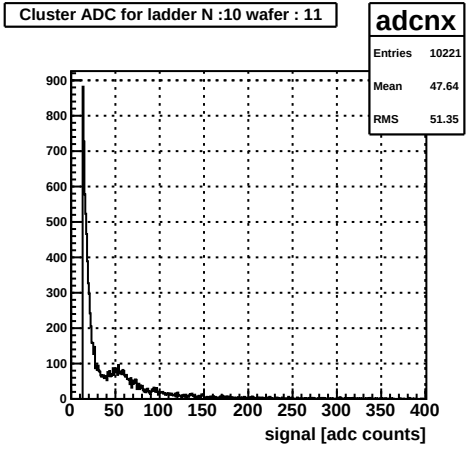

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 6172
Mean 53.38
RMS 54.79
signal [adc counts]

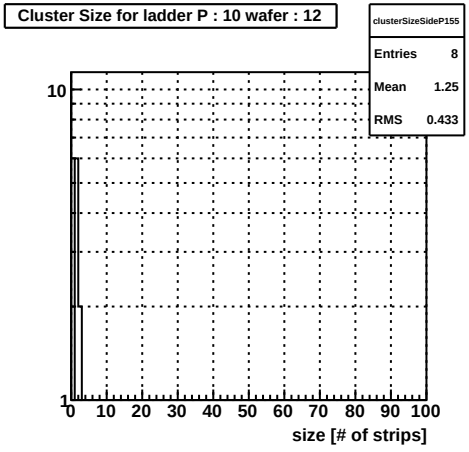

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 13500
Mean 1.366
RMS 0.6821
size [# of strips]

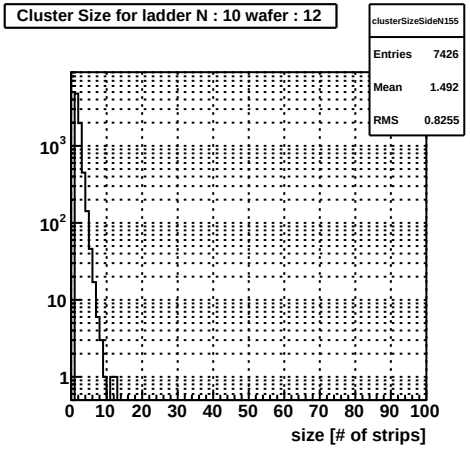

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 10221
Mean 1.32
RMS 0.6712
size [# of strips]

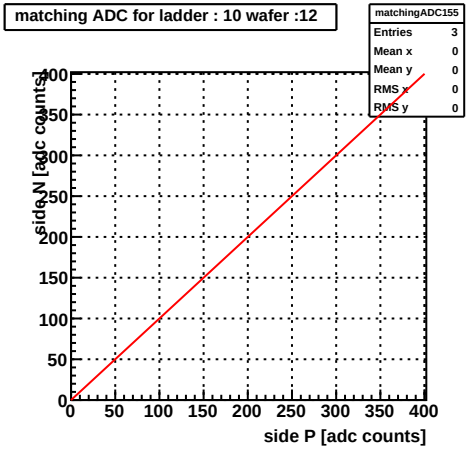

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 5423
Mean x 77.29
Mean y 69.89
RMS x 61.55
RMS y 57.87
side N [adc counts]
side P [adc counts]

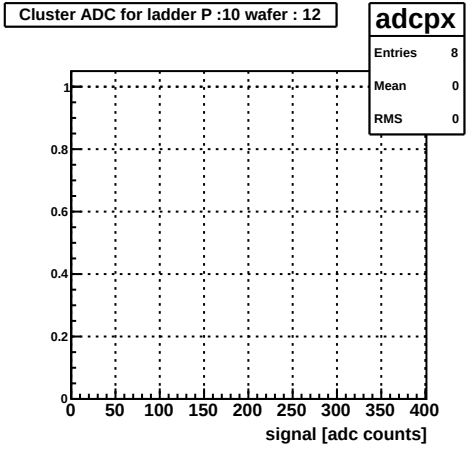

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 13500
Mean 63.6
RMS 53.45
signal [adc counts]

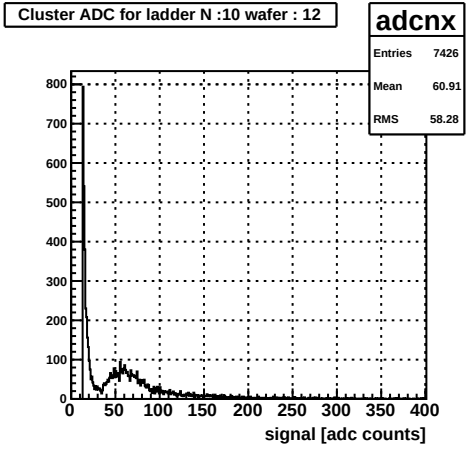

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 10221
Mean 47.64
RMS 51.35
signal [adc counts]

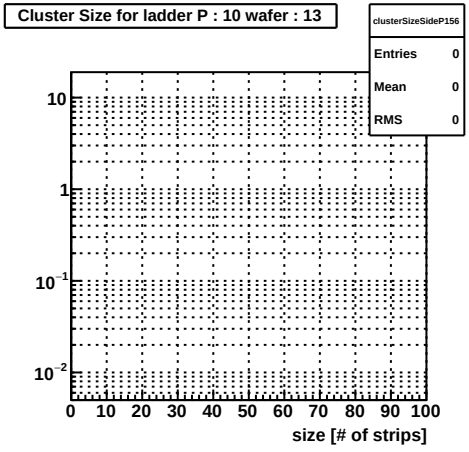

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 8
Mean 1.25
RMS 0.433
size [# of strips]

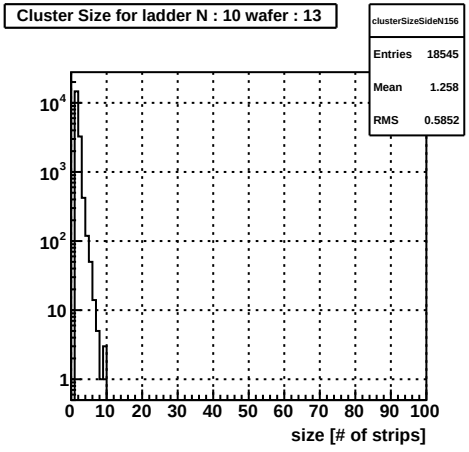

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 7426
Mean 1.492
RMS 0.8255
size [# of strips]

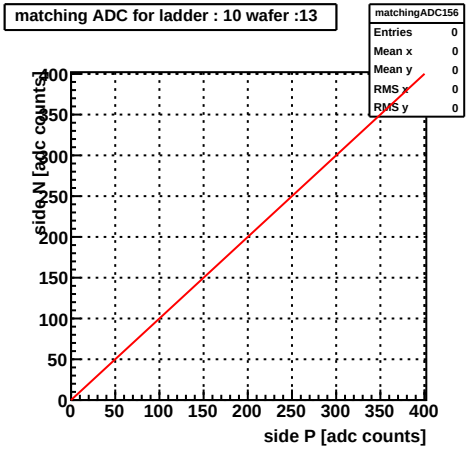

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

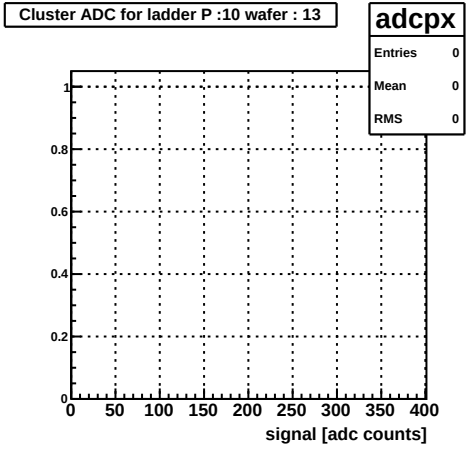

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 8
Mean 0
RMS 0
signal [adc counts]

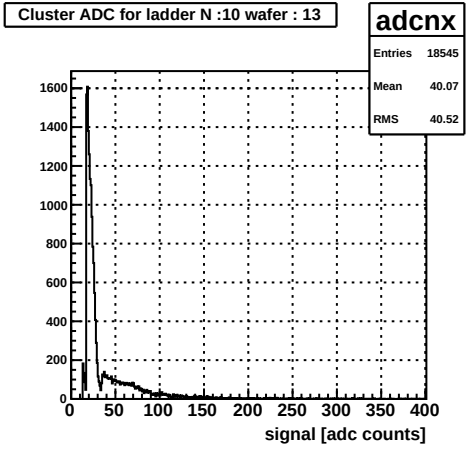

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 7426
Mean 60.91
RMS 58.28
signal [adc counts]

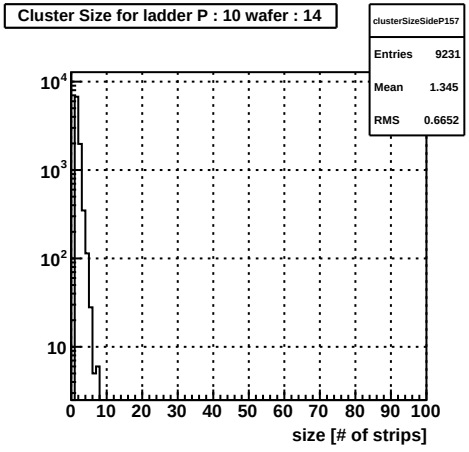

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

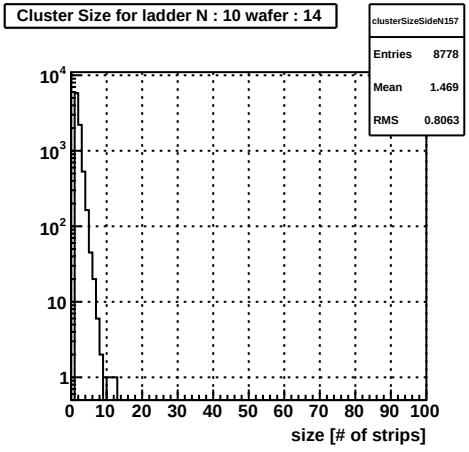

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 18545
Mean 1.258
RMS 0.5852
size [# of strips]

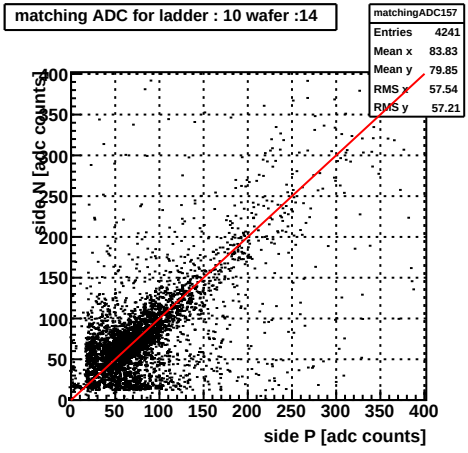

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

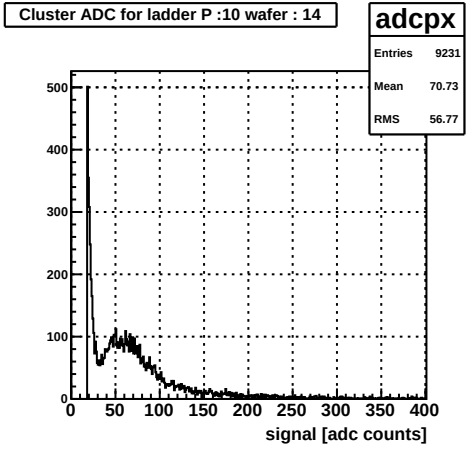

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

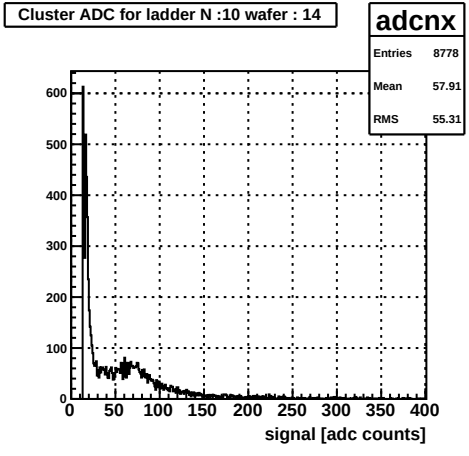

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 18545
Mean 40.07
RMS 40.52
signal [adc counts]

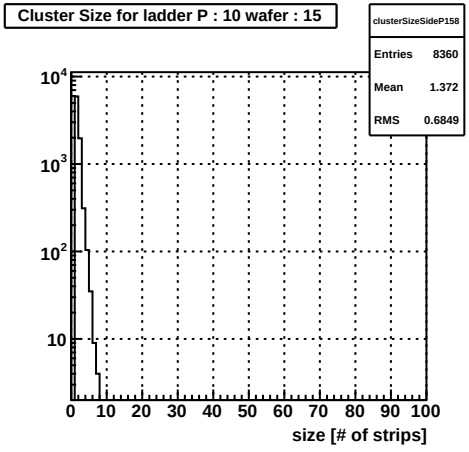

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 9231
Mean 1.345
RMS 0.6652
size [# of strips]

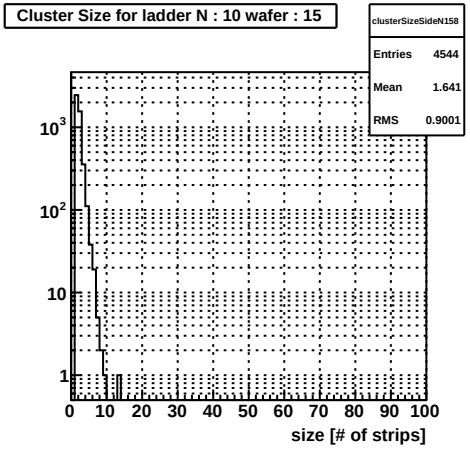

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 8778
Mean 1.469
RMS 0.8063
size [# of strips]

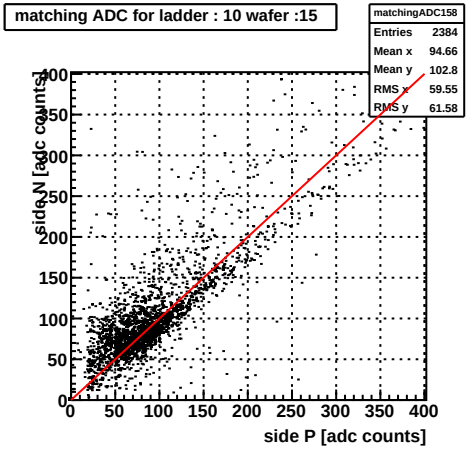

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 4241
Mean x 83.83
Mean y 79.85
RMS x 57.54
RMS y 57.21
side N [adc counts]
side P [adc counts]

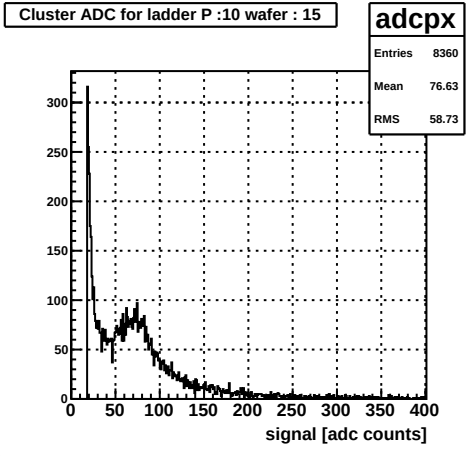

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 9231
Mean 70.73
RMS 56.77
signal [adc counts]

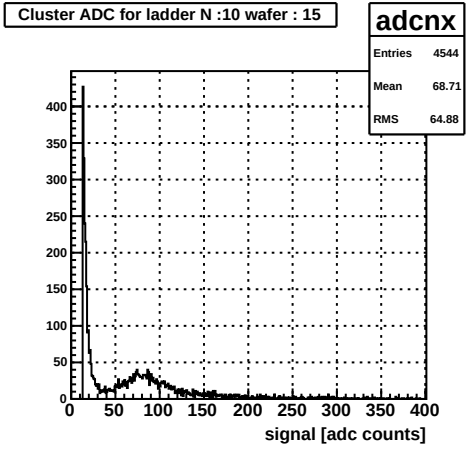

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 8778
Mean 57.91
RMS 55.31
signal [adc counts]

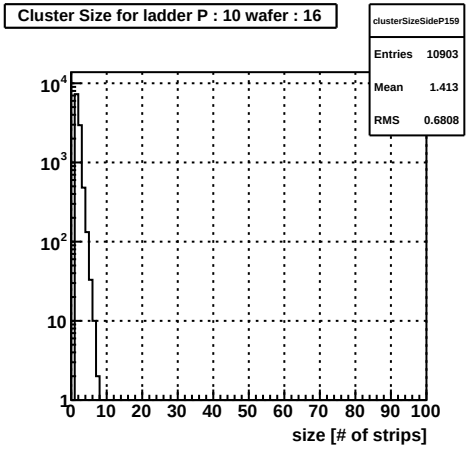

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 8360
Mean 1.372
RMS 0.6849
size [# of strips]

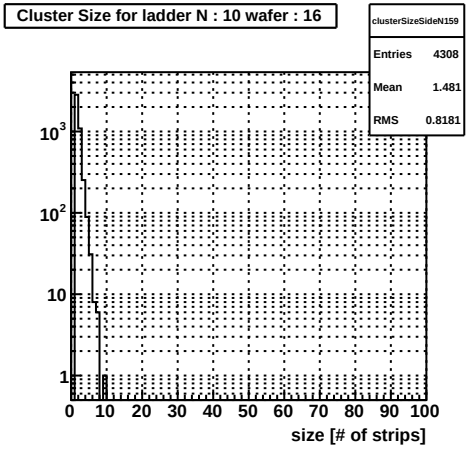

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 4544
Mean 1.641
RMS 0.9001
size [# of strips]

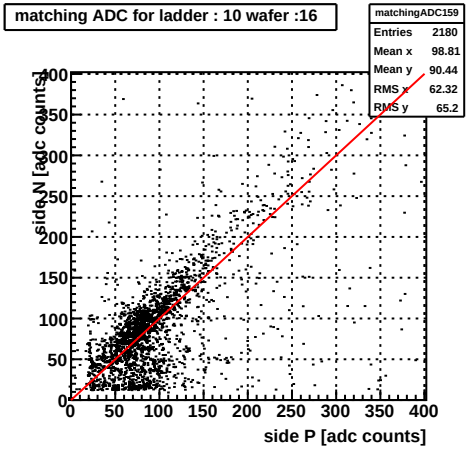

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 2384
Mean x 94.66
Mean y 102.8
RMS x 59.55
RMS y 61.58
side N [adc counts]
side P [adc counts]

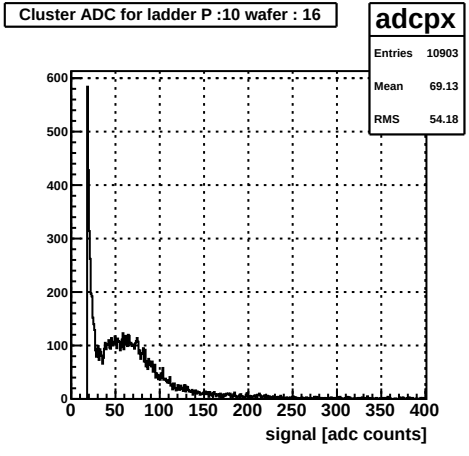

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 8360
Mean 76.63
RMS 58.73
signal [adc counts]

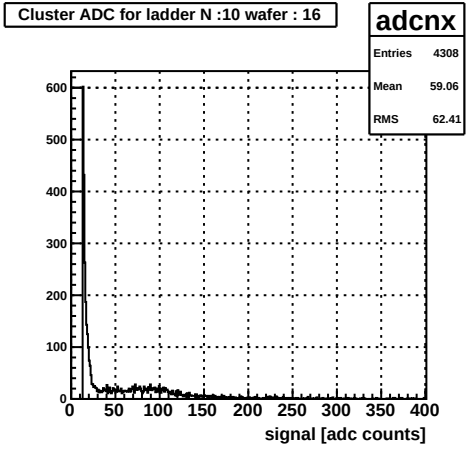

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 4544
Mean 68.71
RMS 64.88
signal [adc counts]

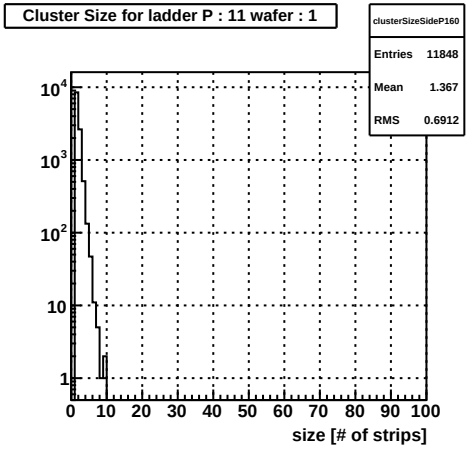

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 10903
Mean 1.413
RMS 0.6808
size [# of strips]

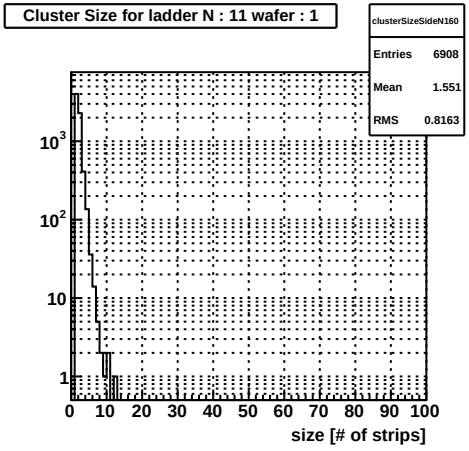

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 4308
Mean 1.481
RMS 0.8181
size [# of strips]

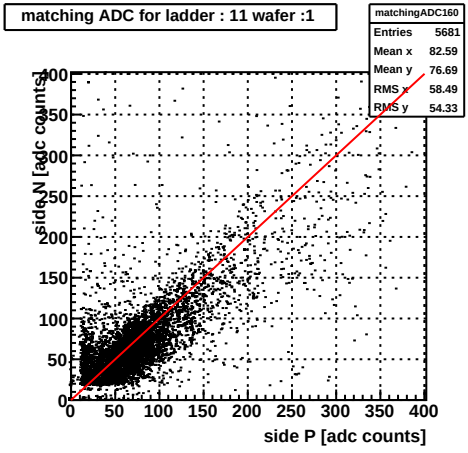

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 2180
Mean x 98.81
Mean y 90.44
RMS x 62.32
RMS y 65.2
side N [adc counts]
side P [adc counts]

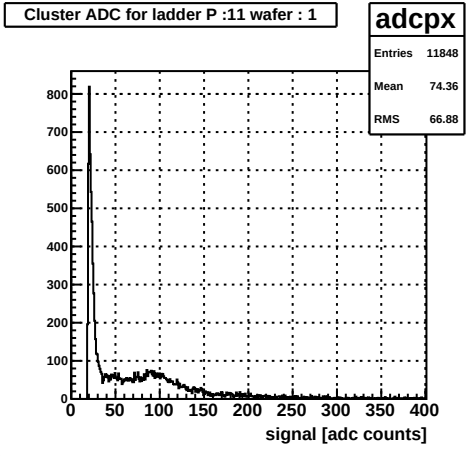

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 10903
Mean 69.13
RMS 54.18
signal [adc counts]

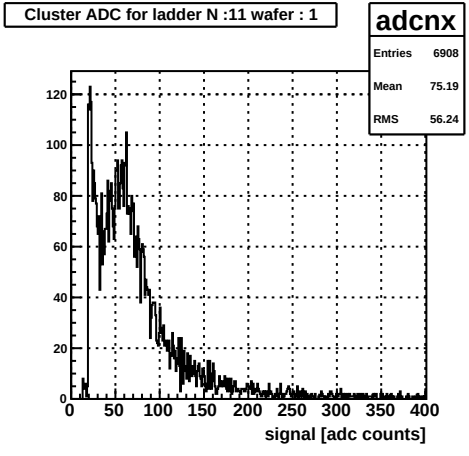

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 4308
Mean 59.06
RMS 62.41
signal [adc counts]

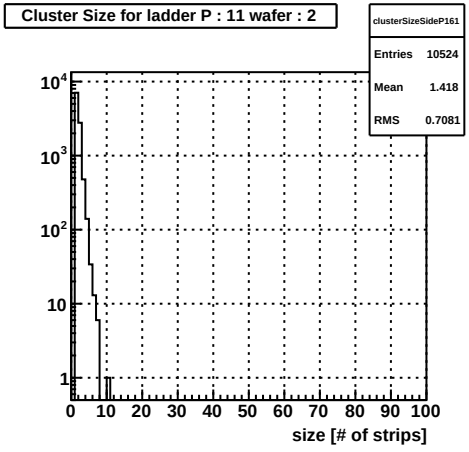

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 11848
Mean 1.367
RMS 0.6912
size [# of strips]

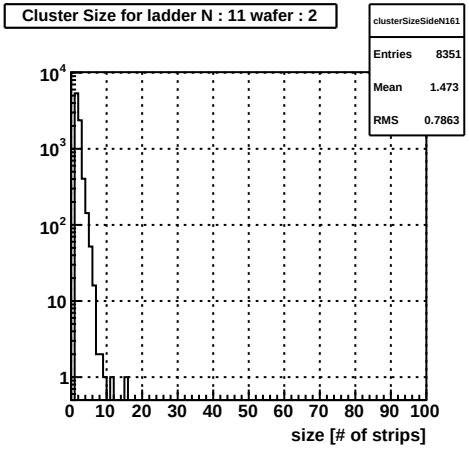

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 6908
Mean 1.551
RMS 0.8163
size [# of strips]

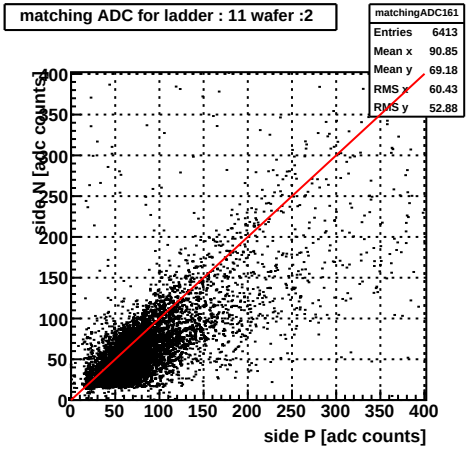

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 5681
Mean x 82.59
Mean y 76.69
RMS x 58.49
RMS y 54.33
side N [adc counts]
side P [adc counts]

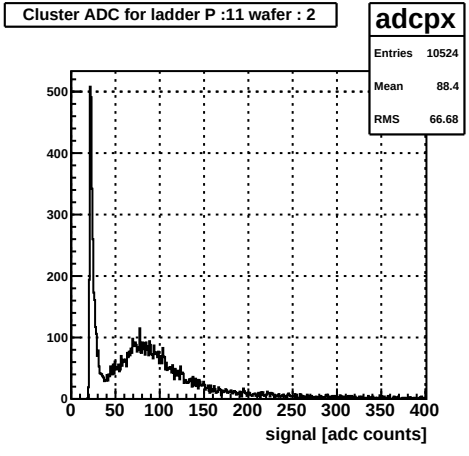

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 11848
Mean 74.36
RMS 66.88
signal [adc counts]

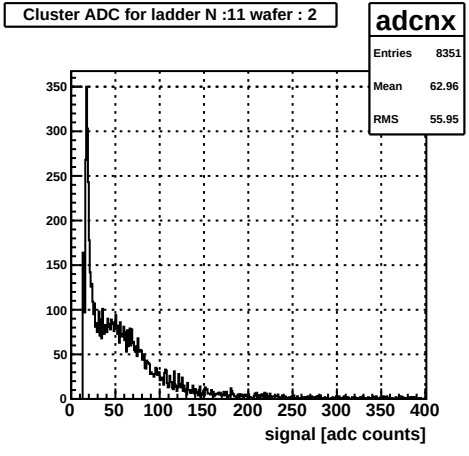

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 6908
Mean 75.19
RMS 56.24
signal [adc counts]

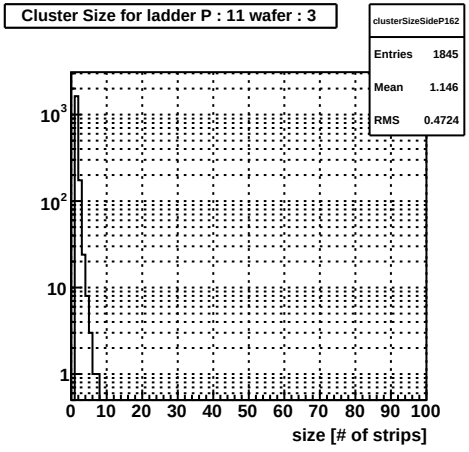

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 10524
Mean 1.418
RMS 0.7081
size [# of strips]

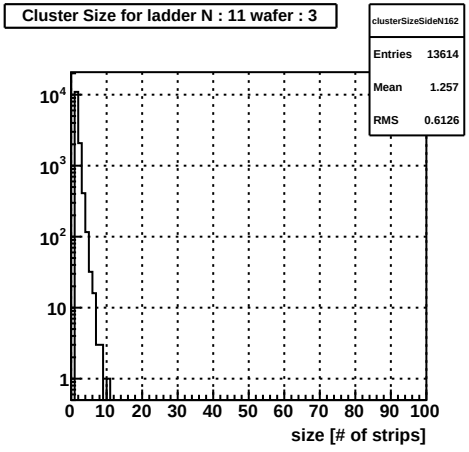

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 8351
Mean 1.473
RMS 0.7863
size [# of strips]

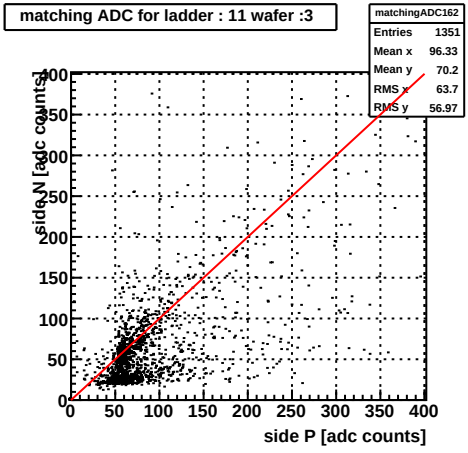

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 6413
Mean x 90.85
Mean y 69.18
RMS x 60.43
RMS y 52.88
side N [adc counts]
side P [adc counts]

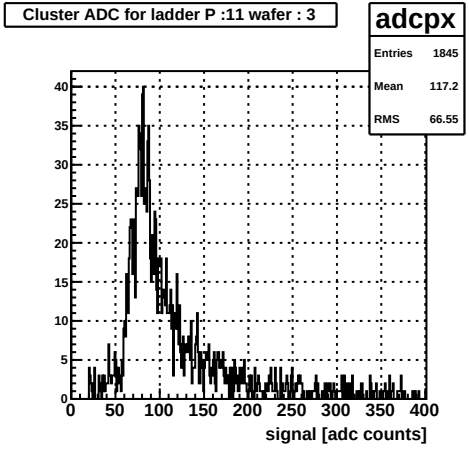

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 10524
Mean 88.4
RMS 66.68
signal [adc counts]

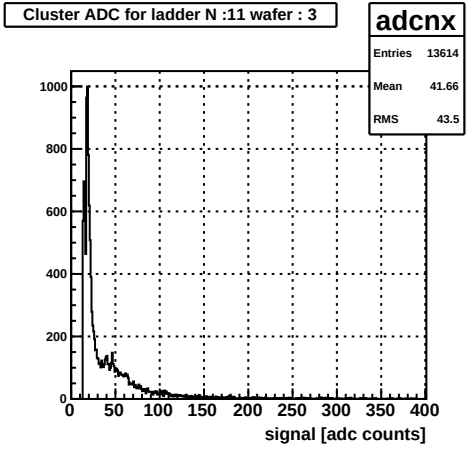

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 8351
Mean 62.96
RMS 55.95
signal [adc counts]

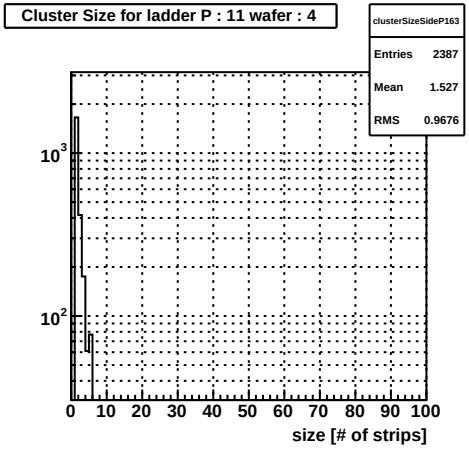

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1845
Mean 1.146
RMS 0.4724
size [# of strips]

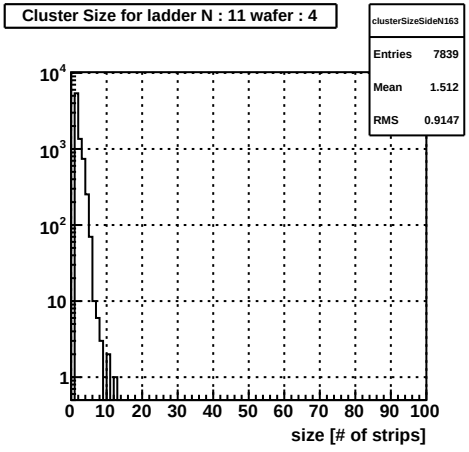

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 13614
Mean 1.257
RMS 0.6126
size [# of strips]

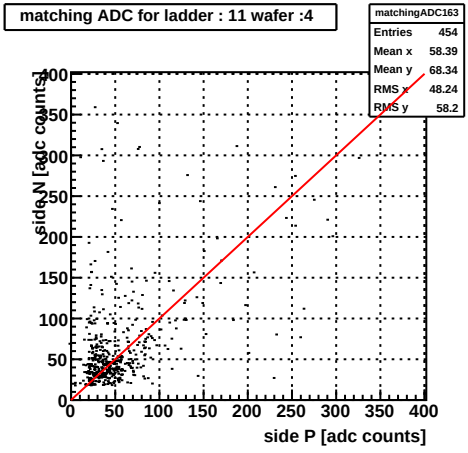

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1351
Mean x 96.33
Mean y 70.2
RMS x 63.7
RMS y 56.97
side N [adc counts]
side P [adc counts]

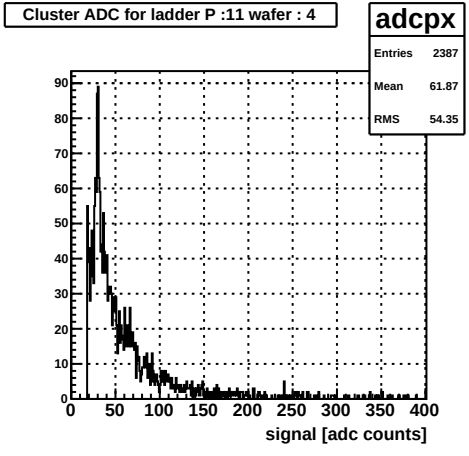

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1845
Mean 117.2
RMS 66.55
signal [adc counts]

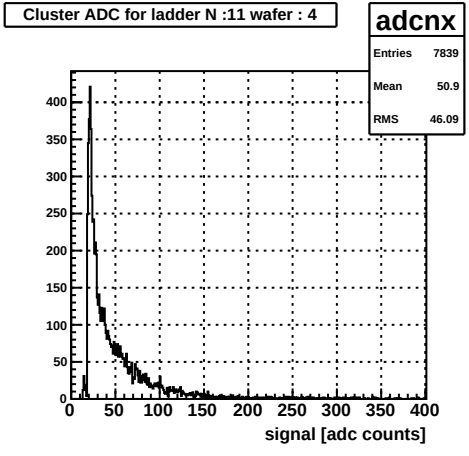

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 13614
Mean 41.66
RMS 43.5
signal [adc counts]

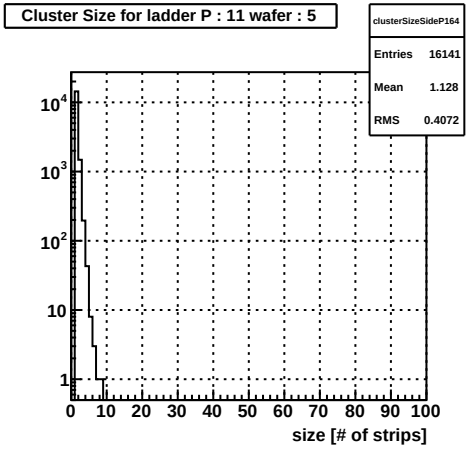

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 2387
Mean 1.527
RMS 0.9676
size [# of strips]

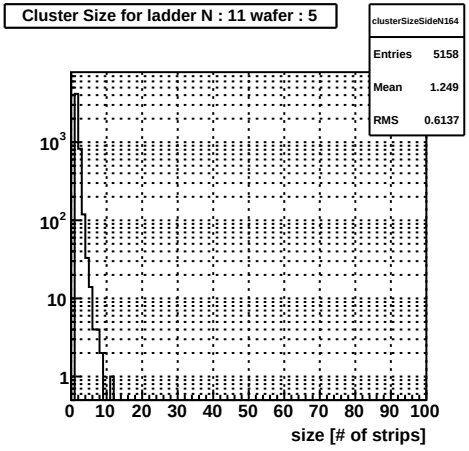

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 7839
Mean 1.512
RMS 0.9147
size [# of strips]

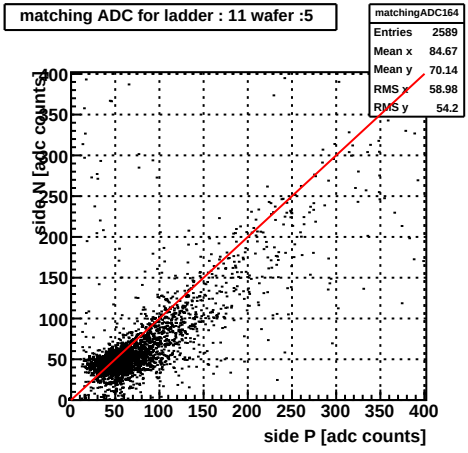

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 454
Mean x 58.39
Mean y 68.34
RMS x 48.24
RMS y 58.2
side N [adc counts]
side P [adc counts]

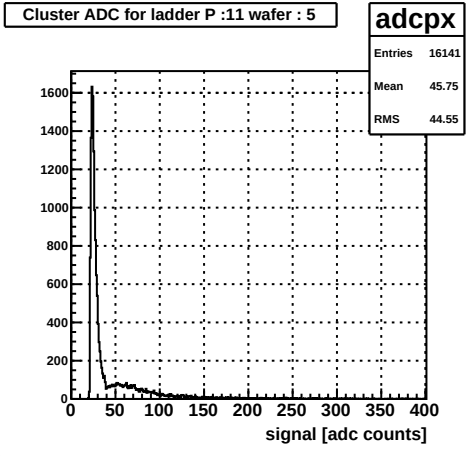

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 2387
Mean 61.87
RMS 54.35
signal [adc counts]

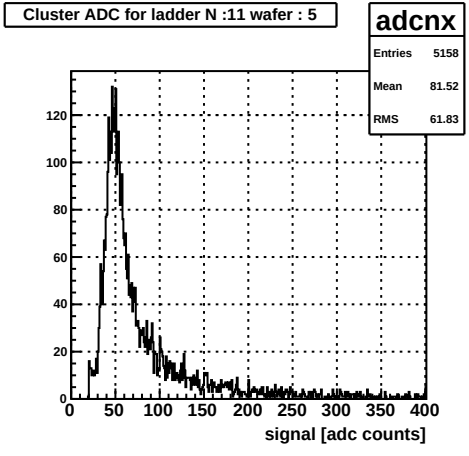

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 7839
Mean 50.9
RMS 46.09
signal [adc counts]

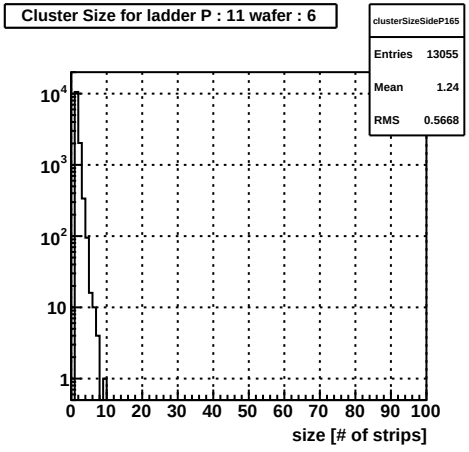

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 16141
Mean 1.128
RMS 0.4072
size [# of strips]

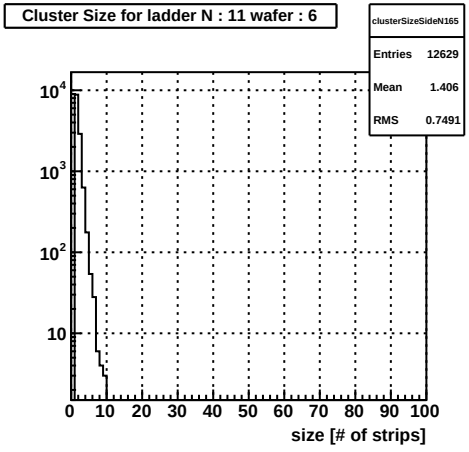

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 5158
Mean 1.249
RMS 0.6137
size [# of strips]

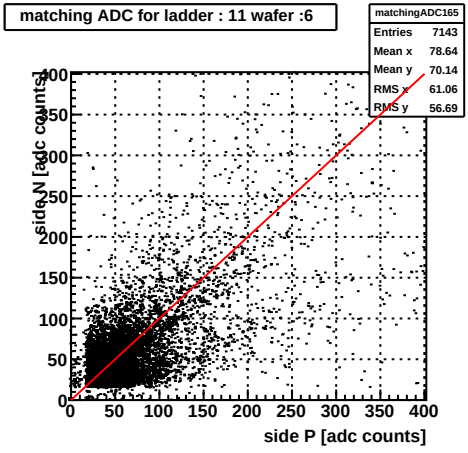

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 2589
Mean x 84.67
Mean y 70.14
RMS x 58.98
RMS y 54.2
side N [adc counts]
side P [adc counts]

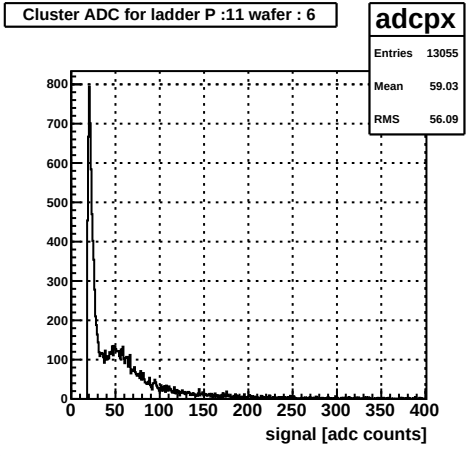

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 16141
Mean 45.75
RMS 44.55
signal [adc counts]

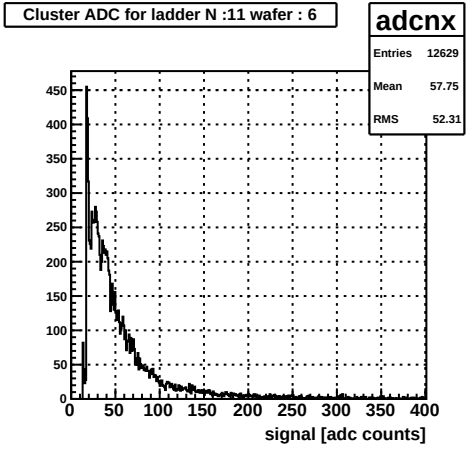

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 5158
Mean 81.52
RMS 61.83
signal [adc counts]

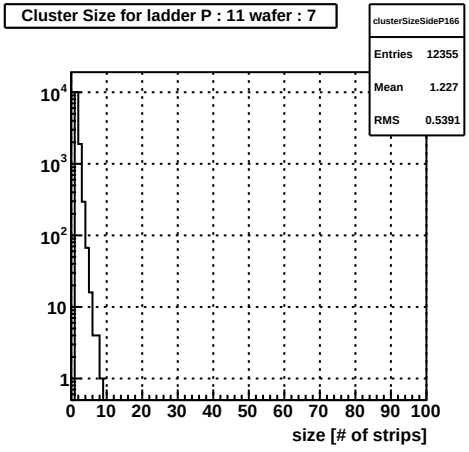

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 13055
Mean 1.24
RMS 0.5668
size [# of strips]

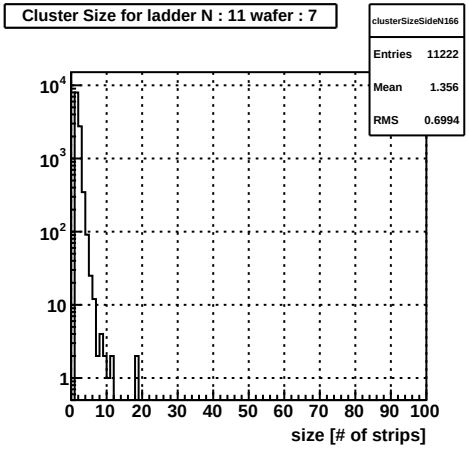

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 12629
Mean 1.406
RMS 0.7491
size [# of strips]

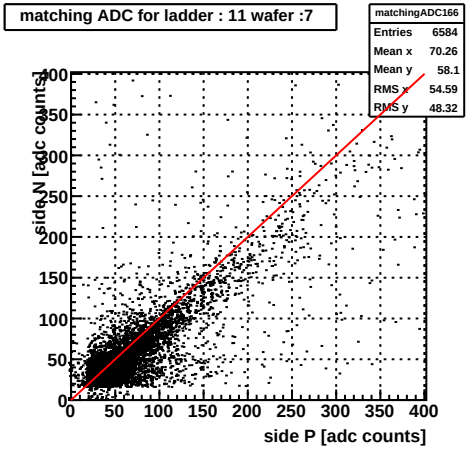

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 7143
Mean x 78.64
Mean y 70.14
RMS x 61.06
RMS y 56.69
side N [adc counts]
side P [adc counts]

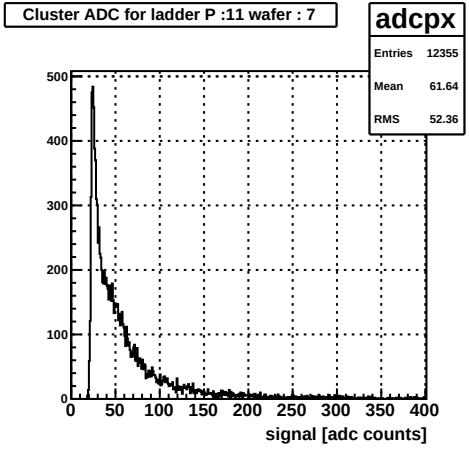

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 13055
Mean 59.03
RMS 56.09
signal [adc counts]

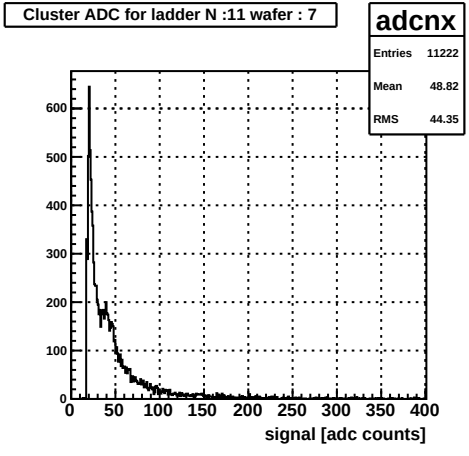

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 12629
Mean 57.75
RMS 52.31
signal [adc counts]

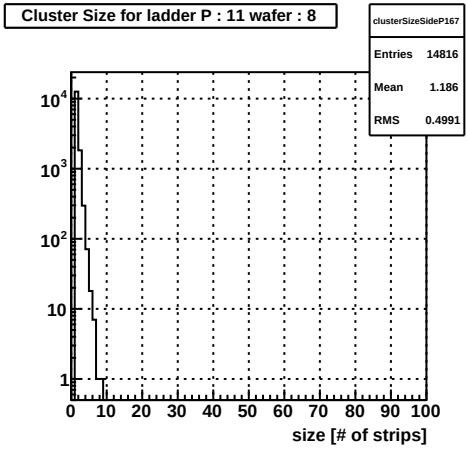

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 12355
Mean 1.227
RMS 0.5391
size [# of strips]

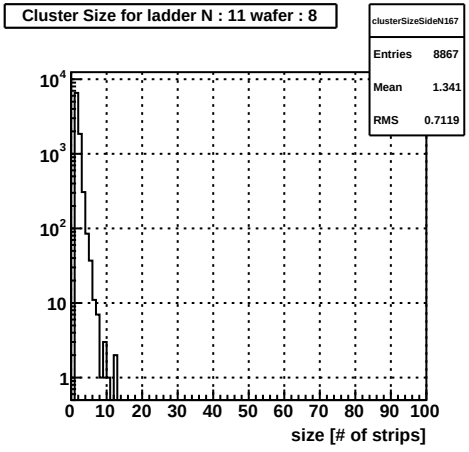

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 11222
Mean 1.356
RMS 0.6994
size [# of strips]

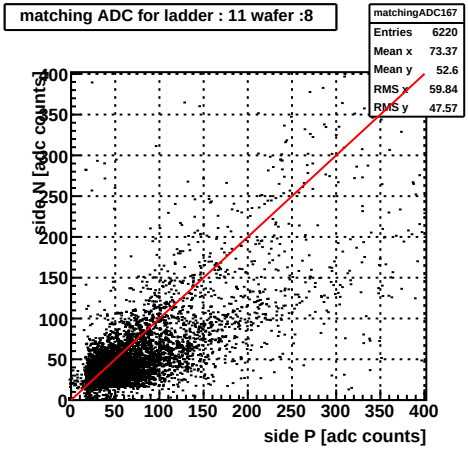

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 6584
Mean x 70.26
Mean y 58.1
RMS x 54.59
RMS y 48.32
side N [adc counts]
side P [adc counts]

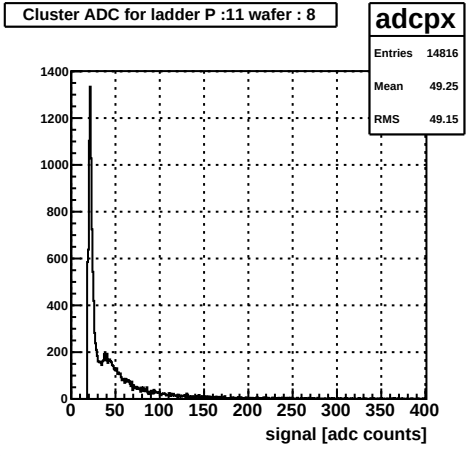

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 12355
Mean 61.64
RMS 52.36
signal [adc counts]

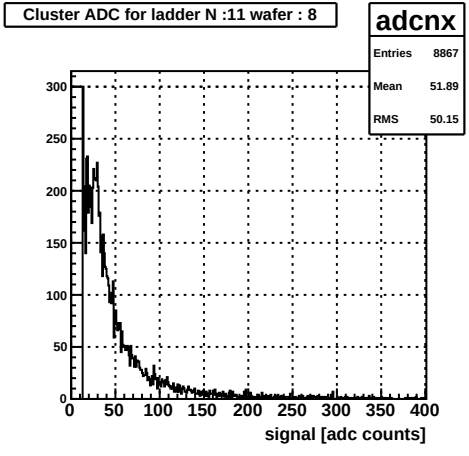

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 11222
Mean 48.82
RMS 44.35
signal [adc counts]

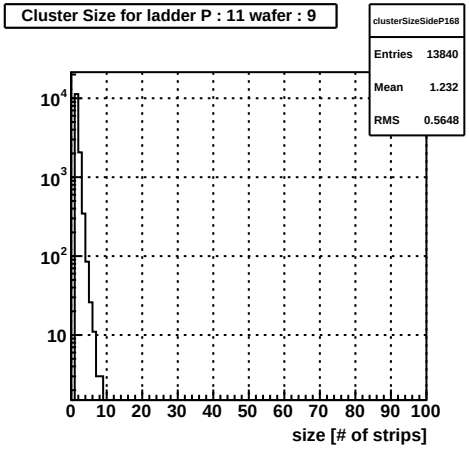

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 14816
Mean 1.186
RMS 0.4991
size [# of strips]

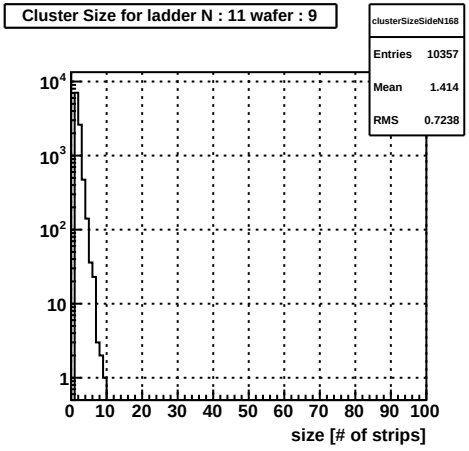

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 8867
Mean 1.341
RMS 0.7119
size [# of strips]

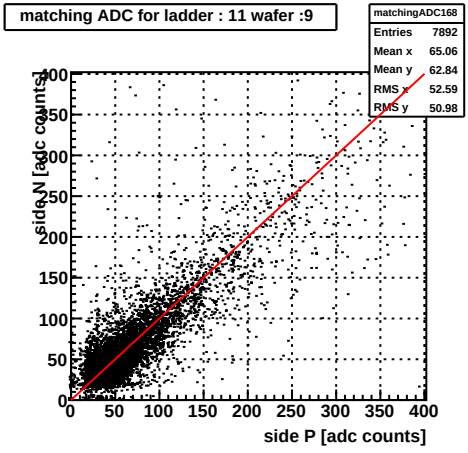

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 6220
Mean x 73.37
Mean y 52.6
RMS x 59.84
RMS y 47.57
side N [adc counts]
side P [adc counts]

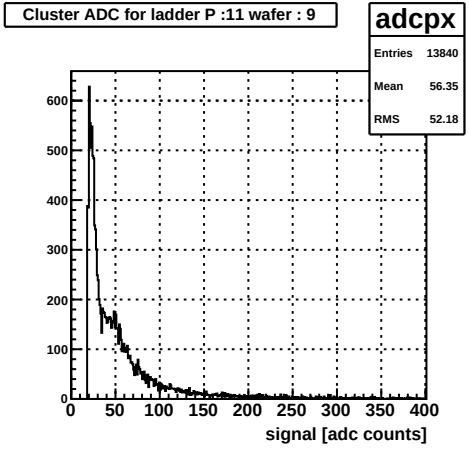

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 14816
Mean 49.25
RMS 49.15
signal [adc counts]

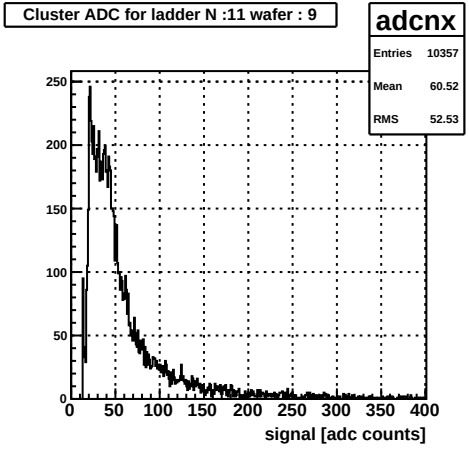

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 8867
Mean 51.89
RMS 50.15
signal [adc counts]

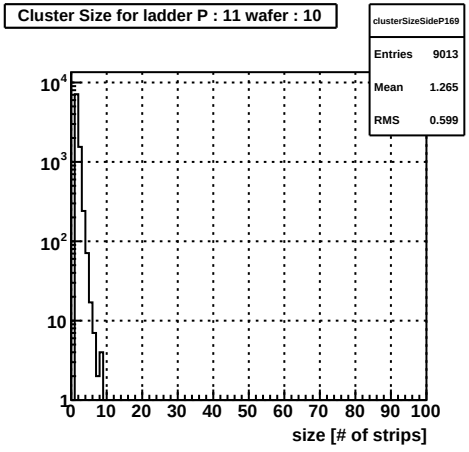

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 13840
Mean 1.232
RMS 0.5648
size [# of strips]

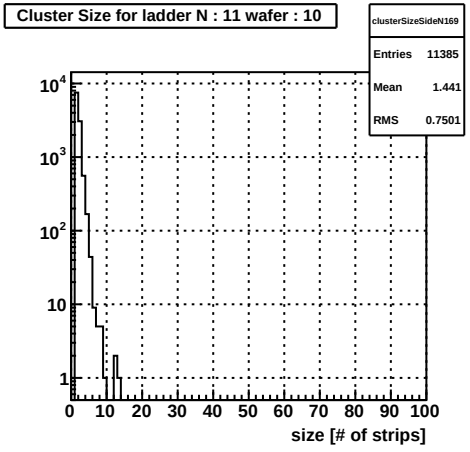

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 10357
Mean 1.414
RMS 0.7238
size [# of strips]

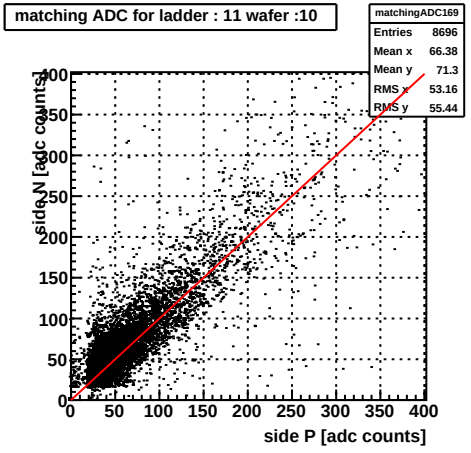

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 7892
Mean x 65.06
Mean y 62.84
RMS x 52.59
RMS y 50.98
side N [adc counts]
side P [adc counts]

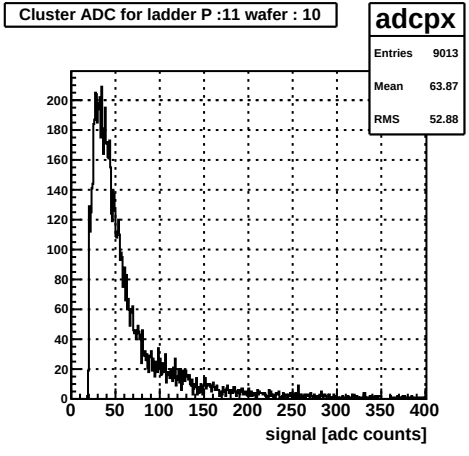

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 13840
Mean 56.35
RMS 52.18
signal [adc counts]

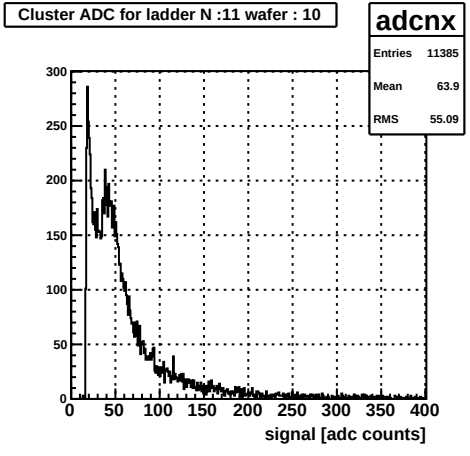

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 10357
Mean 60.52
RMS 52.53
signal [adc counts]

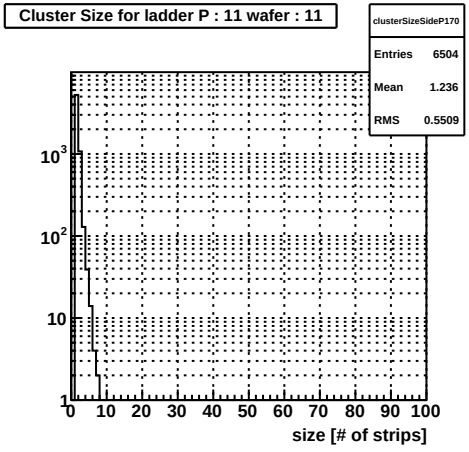

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 9013
Mean 1.265
RMS 0.599
size [# of strips]

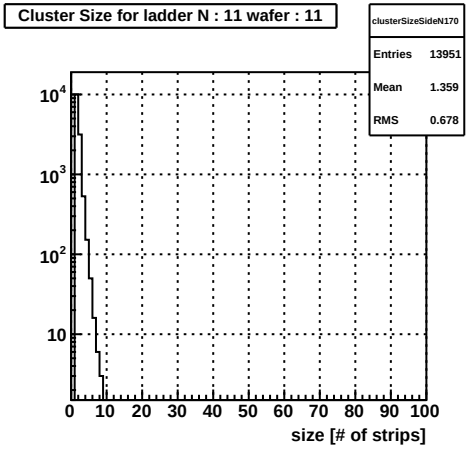

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 11385
Mean 1.441
RMS 0.7501
size [# of strips]

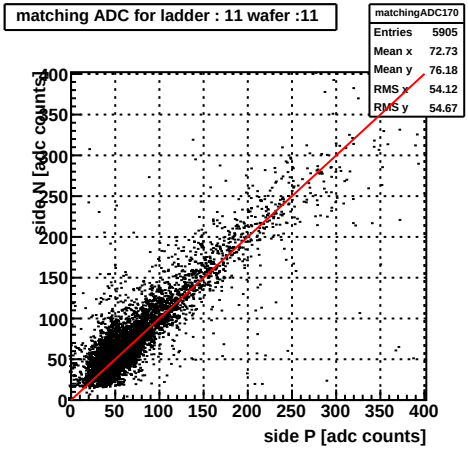

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 8696
Mean x 66.38
Mean y 71.3
RMS x 53.16
RMS y 55.44
side N [adc counts]
side P [adc counts]

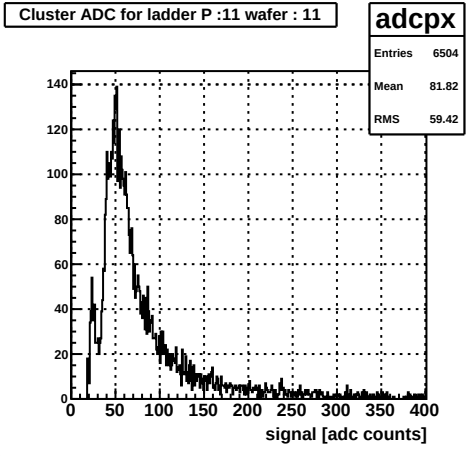

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 9013
Mean 63.87
RMS 52.88
signal [adc counts]

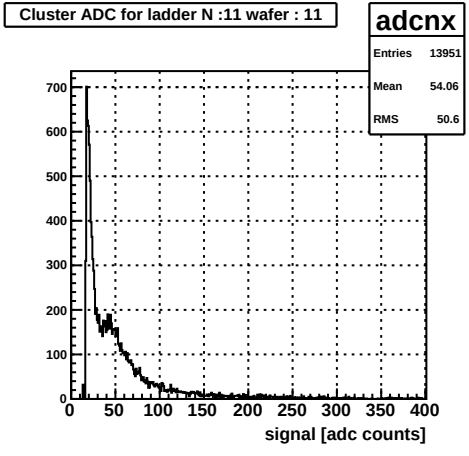

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 11385
Mean 63.9
RMS 55.09
signal [adc counts]

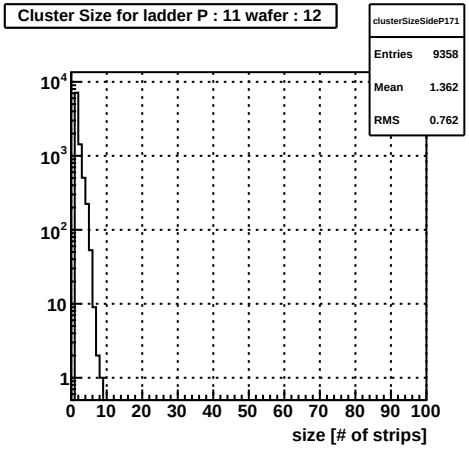

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 6504
Mean 1.236
RMS 0.5509
size [# of strips]

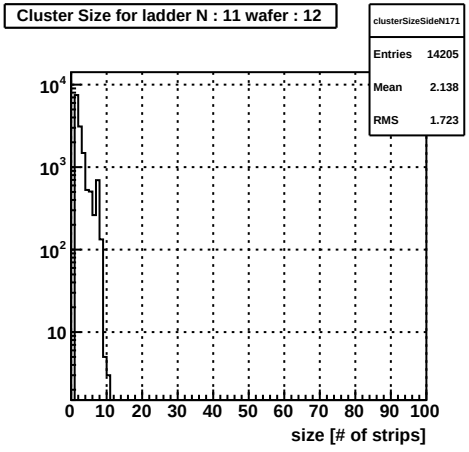

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 13951
Mean 1.359
RMS 0.678
size [# of strips]

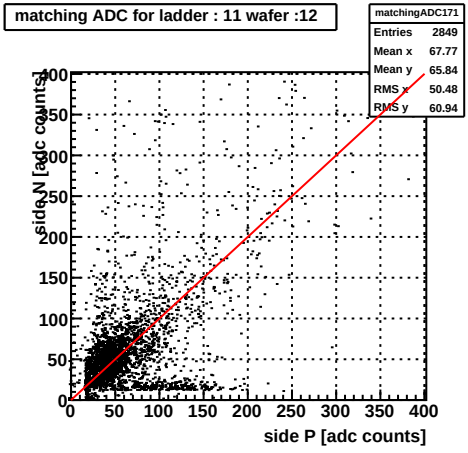

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 5905
Mean x 72.73
Mean y 76.18
RMS x 54.12
RMS y 54.67
side N [adc counts]
side P [adc counts]

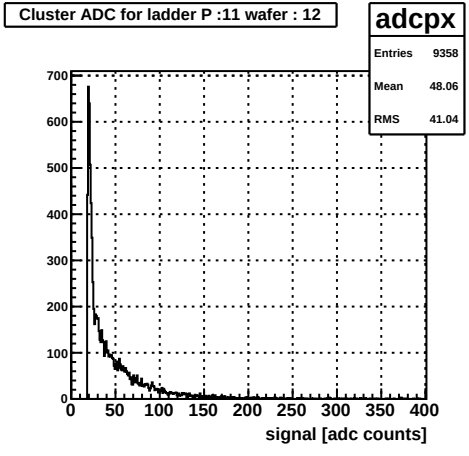

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 6504
Mean 81.82
RMS 59.42
signal [adc counts]

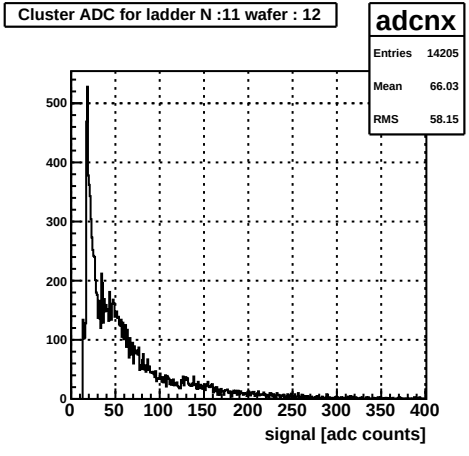

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 13951
Mean 54.06
RMS 50.6
signal [adc counts]

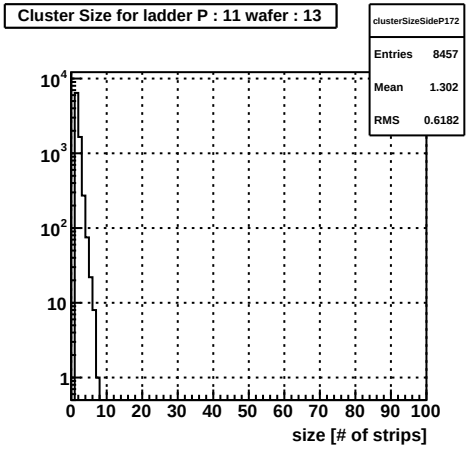

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 9358
Mean 1.362
RMS 0.762
size [# of strips]

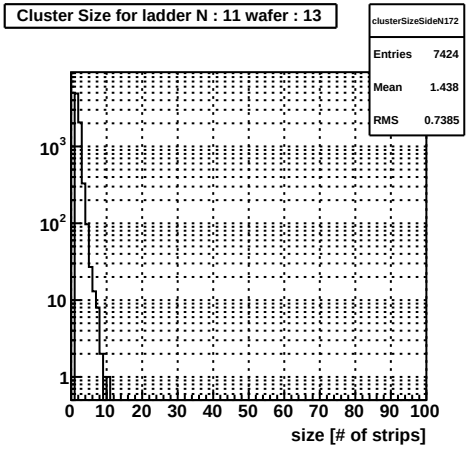

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 14205
Mean 2.138
RMS 1.723
size [# of strips]

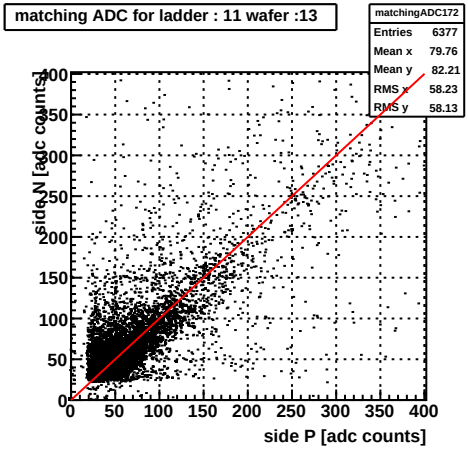

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 2849
Mean x 67.77
Mean y 65.84
RMS x 50.48
RMS y 60.94
side N [adc counts]
side P [adc counts]

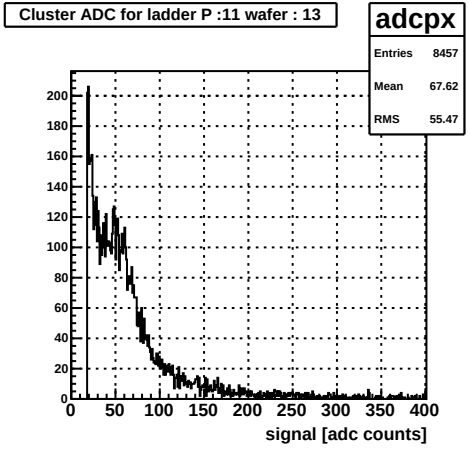

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 9358
Mean 48.06
RMS 41.04
signal [adc counts]

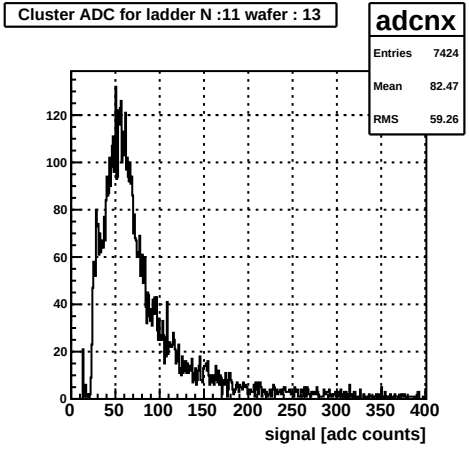

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 14205
Mean 66.03
RMS 58.15
signal [adc counts]

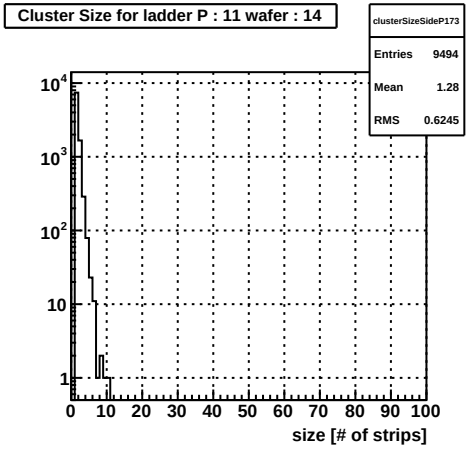

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 8457
Mean 1.302
RMS 0.6182
size [# of strips]

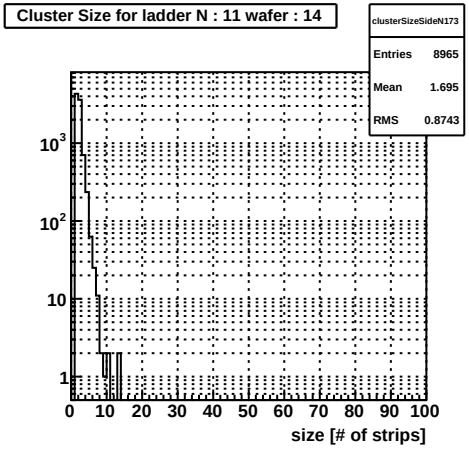

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 7424
Mean 1.438
RMS 0.7385
size [# of strips]

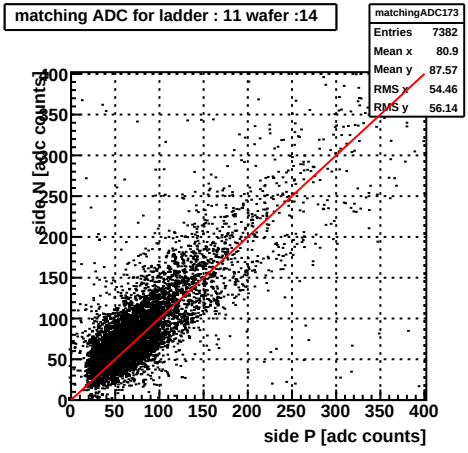

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 6377
Mean x 79.76
Mean y 82.21
RMS x 58.23
RMS y 58.13
side N [adc counts]
side P [adc counts]

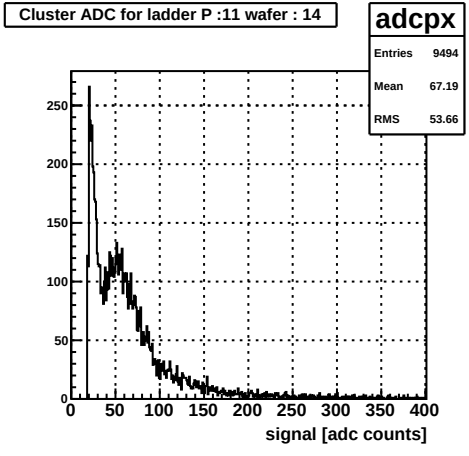

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 8457
Mean 67.62
RMS 55.47
signal [adc counts]

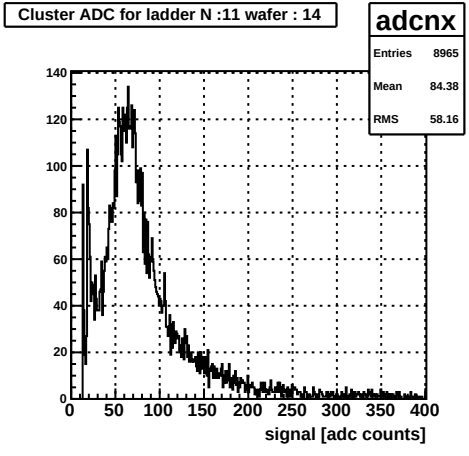

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 7424
Mean 82.47
RMS 59.26
signal [adc counts]

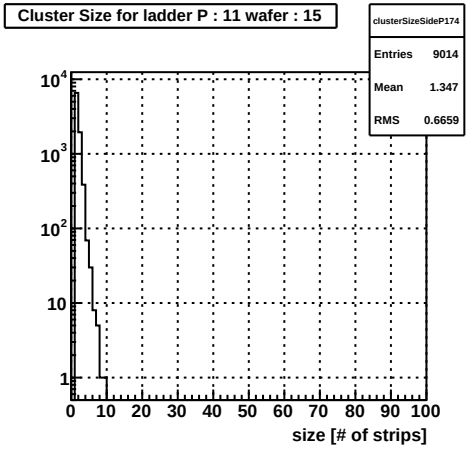

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 9494
Mean 1.28
RMS 0.6245
size [# of strips]

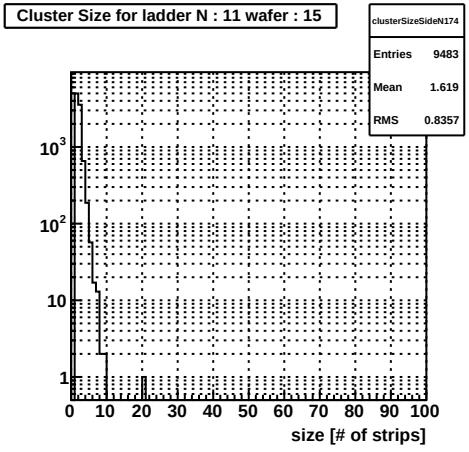

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 8965
Mean 1.695
RMS 0.8743
size [# of strips]

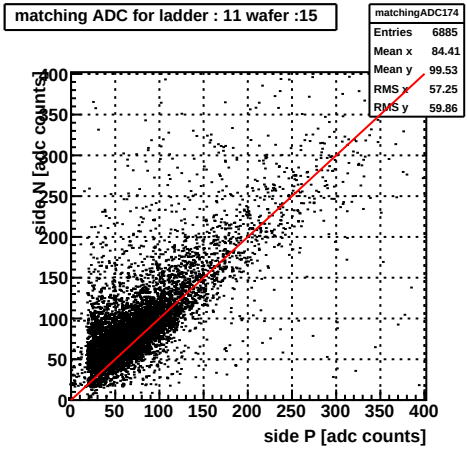

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 7382
Mean x 80.9
Mean y 87.57
RMS x 54.46
RMS y 56.14
side N [adc counts]
side P [adc counts]

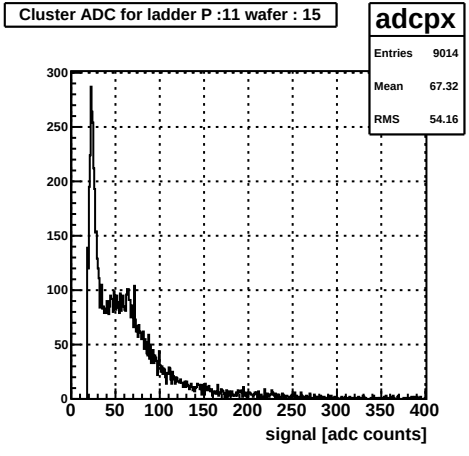

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 9494
Mean 67.19
RMS 53.66
signal [adc counts]

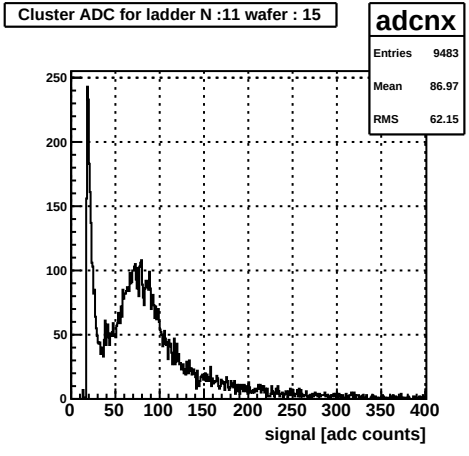

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 8965
Mean 84.38
RMS 58.16
signal [adc counts]

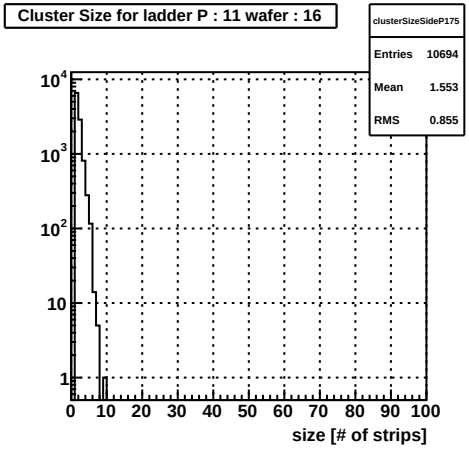

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 9014
Mean 1.347
RMS 0.6659
size [# of strips]

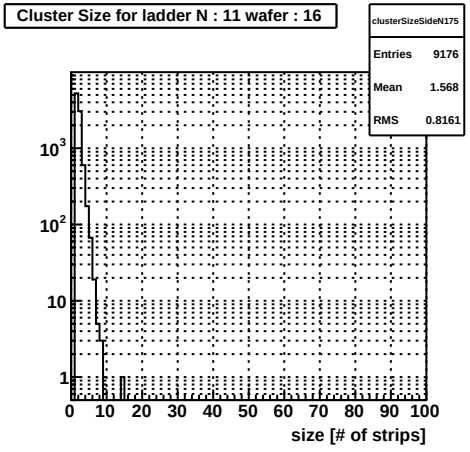

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 9483
Mean 1.619
RMS 0.8357
size [# of strips]

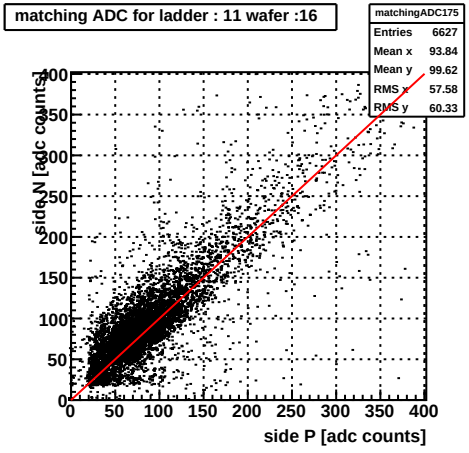

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 6885
Mean x 84.41
Mean y 99.53
RMS x 57.25
RMS y 59.86
side N [adc counts]
side P [adc counts]

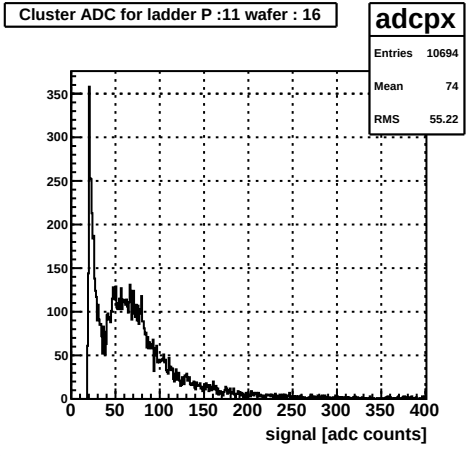

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 9014
Mean 67.32
RMS 54.16
signal [adc counts]

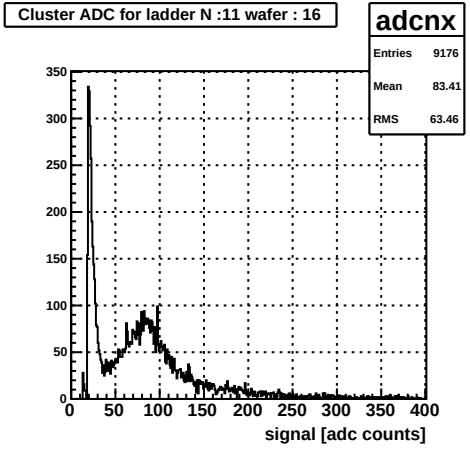

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 9483
Mean 86.97
RMS 62.15
signal [adc counts]

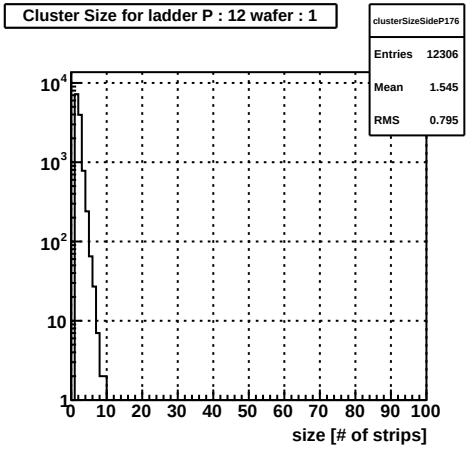

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 10694
Mean 1.553
RMS 0.855
size [# of strips]

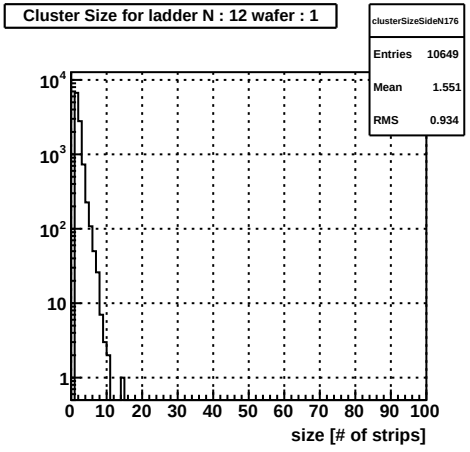

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 9176
Mean 1.568
RMS 0.8161
size [# of strips]

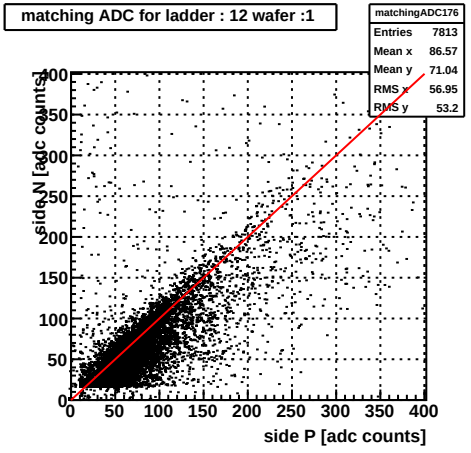

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 6627
Mean x 93.84
Mean y 99.62
RMS x 57.58
RMS y 60.33
side N [adc counts]
side P [adc counts]

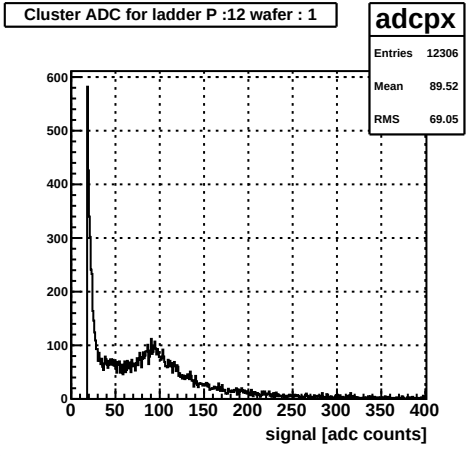

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 10694
Mean 74
RMS 55.22
signal [adc counts]

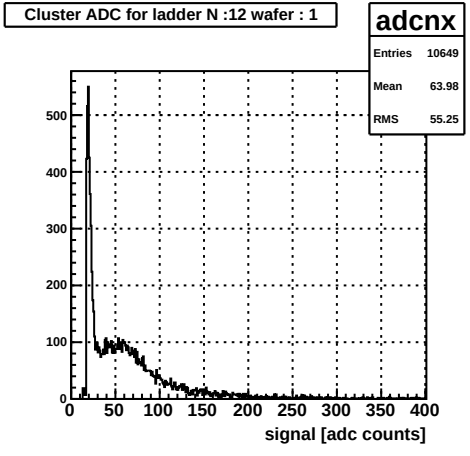

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 9176
Mean 83.41
RMS 63.46
signal [adc counts]

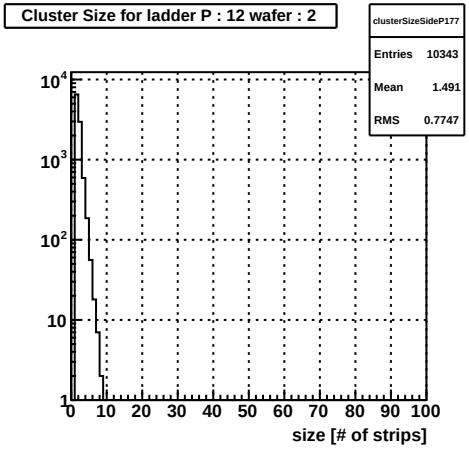

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 12306
Mean 1.545
RMS 0.795
size [# of strips]

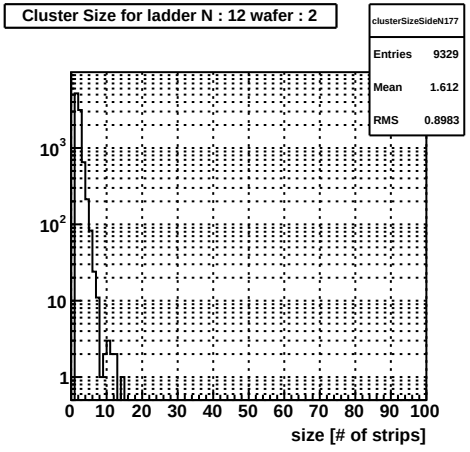

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 10649
Mean 1.551
RMS 0.934
size [# of strips]

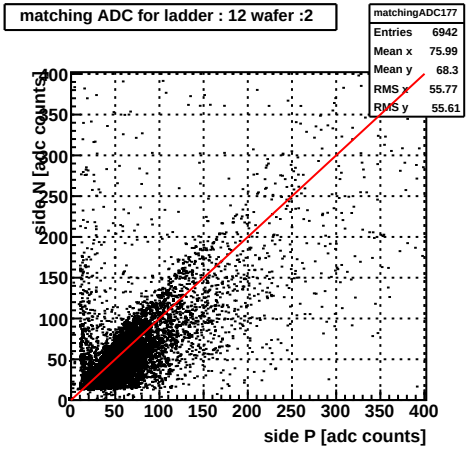

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 7813
Mean x 86.57
Mean y 71.04
RMS x 56.95
RMS y 53.2
side N [adc counts]
side P [adc counts]

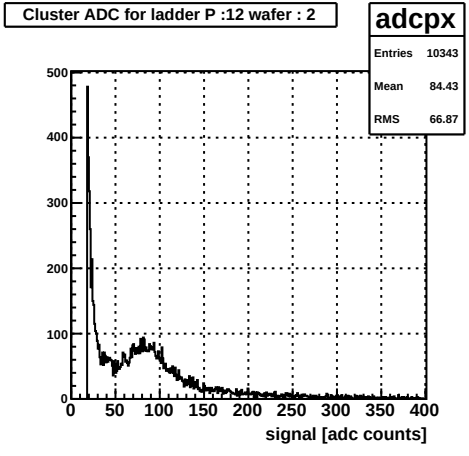

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 12306
Mean 89.52
RMS 69.05
signal [adc counts]

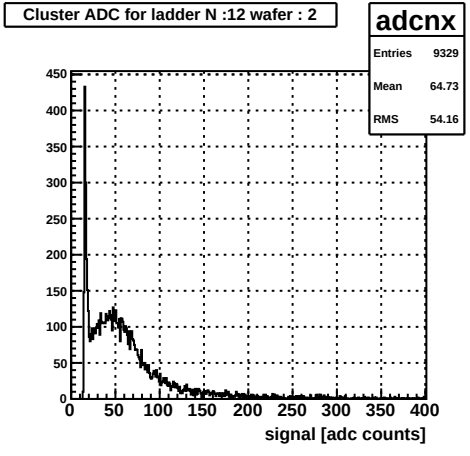

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 10649
Mean 63.98
RMS 55.25
signal [adc counts]

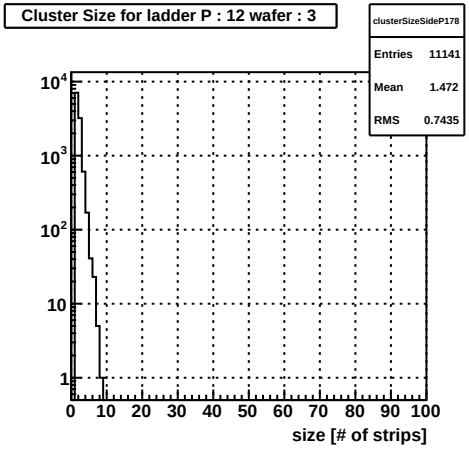

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 10343
Mean 1.491
RMS 0.7747
size [# of strips]

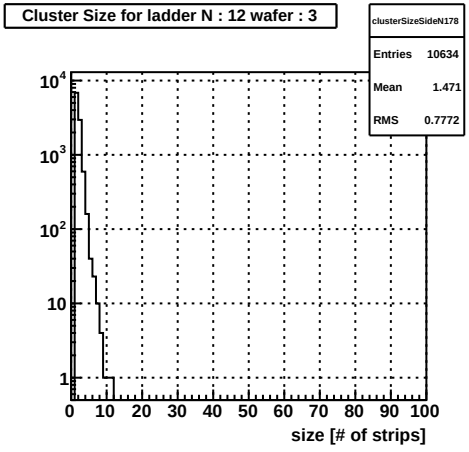

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 9329
Mean 1.612
RMS 0.8983
size [# of strips]

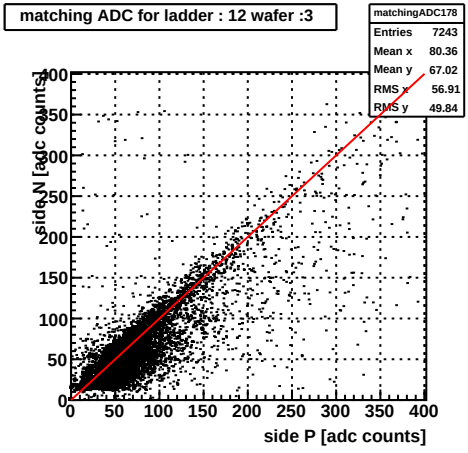

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 6942
Mean x 75.99
Mean y 68.3
RMS x 55.77
RMS y 55.61
side N [adc counts]
side P [adc counts]

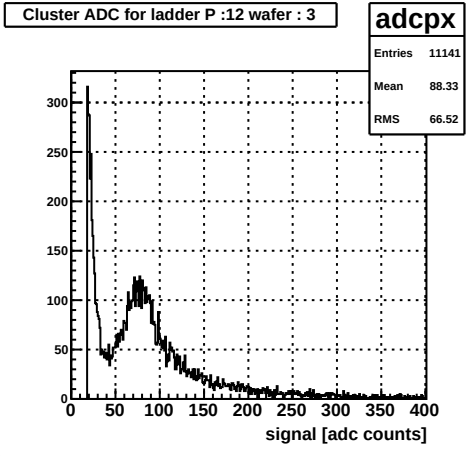

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 10343
Mean 84.43
RMS 66.87
signal [adc counts]

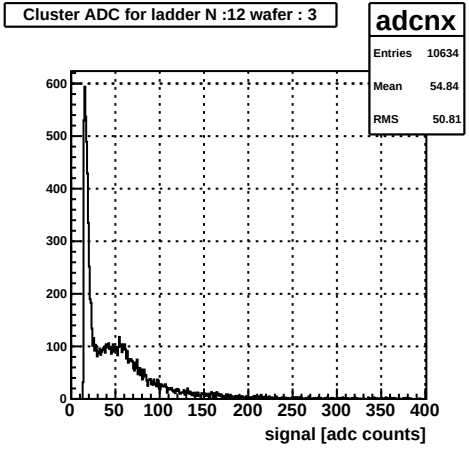

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 9329
Mean 64.73
RMS 54.16
signal [adc counts]

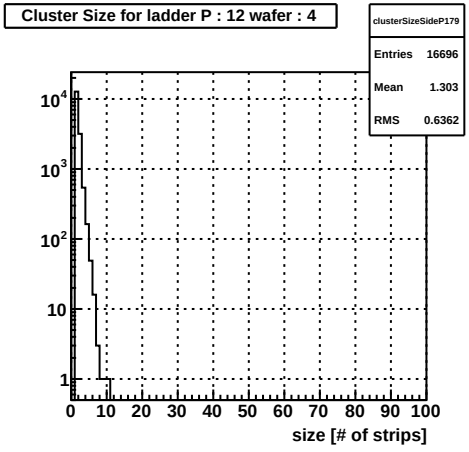

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 11141
Mean 1.472
RMS 0.7435
size [# of strips]

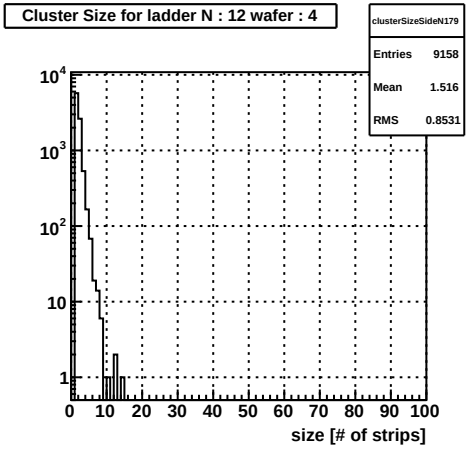

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 10634
Mean 1.471
RMS 0.7772
size [# of strips]

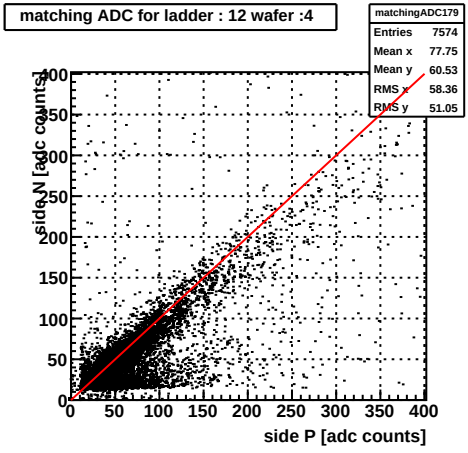

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 7243
Mean x 80.36
Mean y 67.02
RMS x 56.91
RMS y 49.84
side N [adc counts]
side P [adc counts]

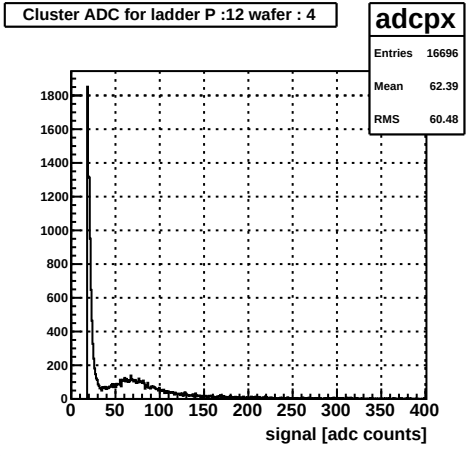

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 11141
Mean 88.33
RMS 66.52
signal [adc counts]

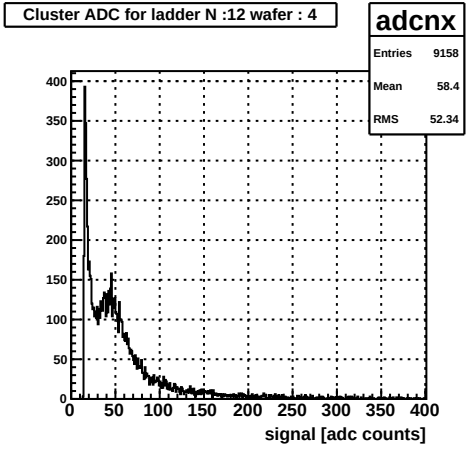

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 10634
Mean 54.84
RMS 50.81
signal [adc counts]

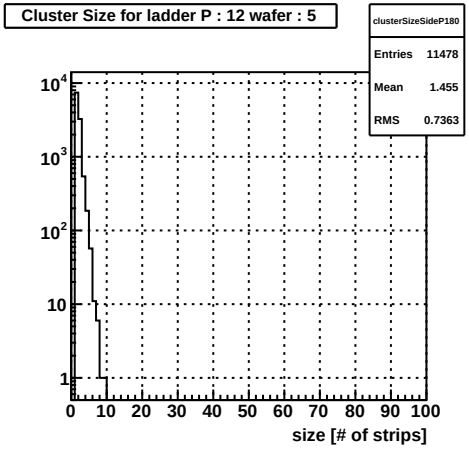

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 16696
Mean 1.303
RMS 0.6362
size [# of strips]

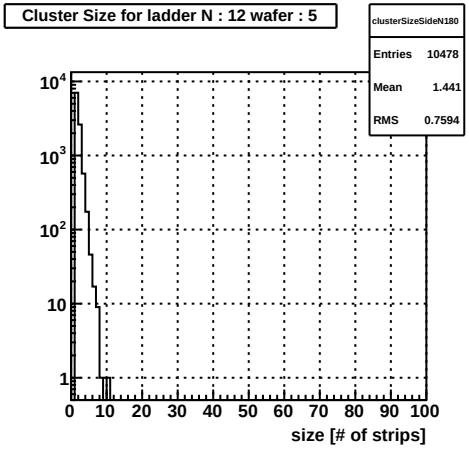

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 9158
Mean 1.516
RMS 0.8531
size [# of strips]

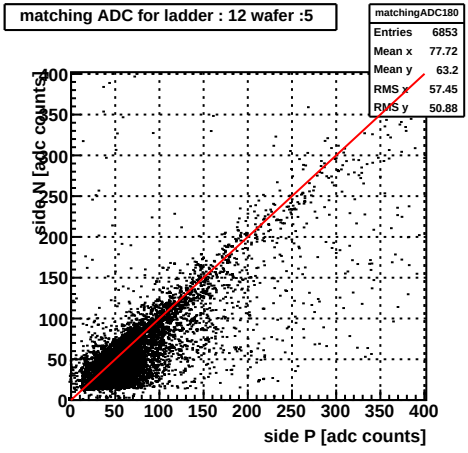

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 7574
Mean x 77.75
Mean y 60.53
RMS x 58.36
RMS y 51.05
side N [adc counts]
side P [adc counts]

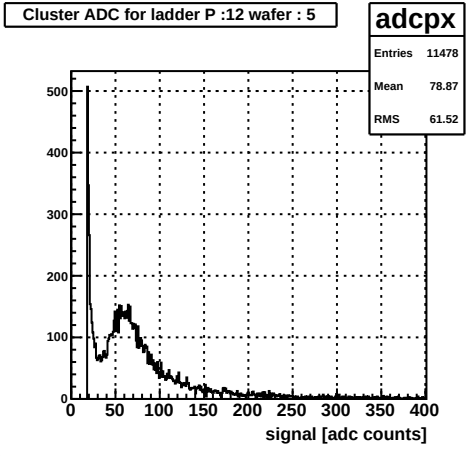

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 16696
Mean 62.39
RMS 60.48
signal [adc counts]

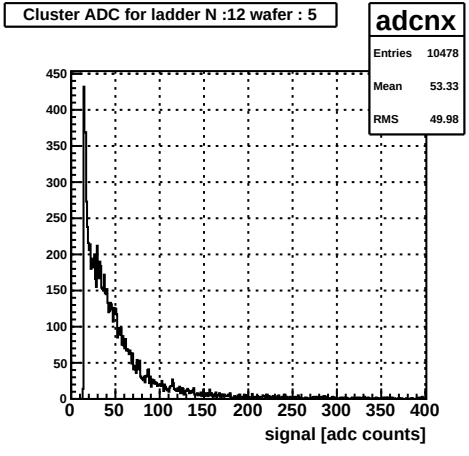

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 9158
Mean 58.4
RMS 52.34
signal [adc counts]

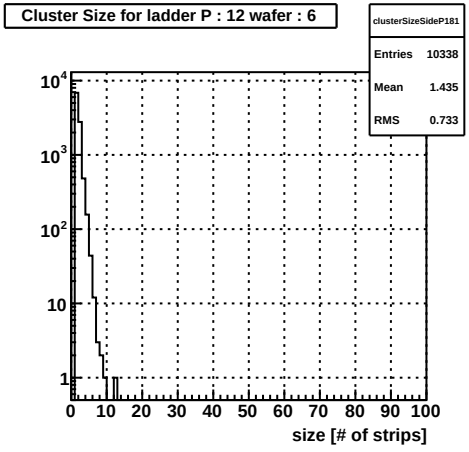

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 11478
Mean 1.455
RMS 0.7363
size [# of strips]

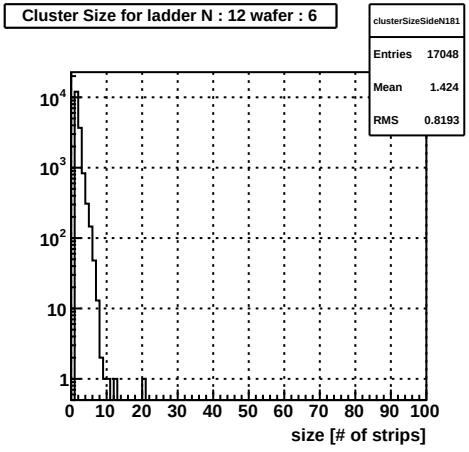

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 10478
Mean 1.441
RMS 0.7594
size [# of strips]

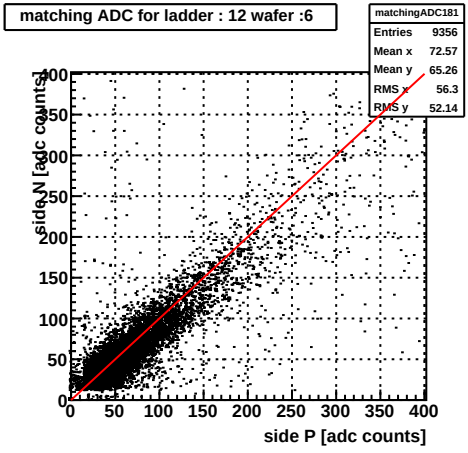

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 6853
Mean x 77.72
Mean y 63.2
RMS x 57.45
RMS y 50.88
side N [adc counts]
side P [adc counts]

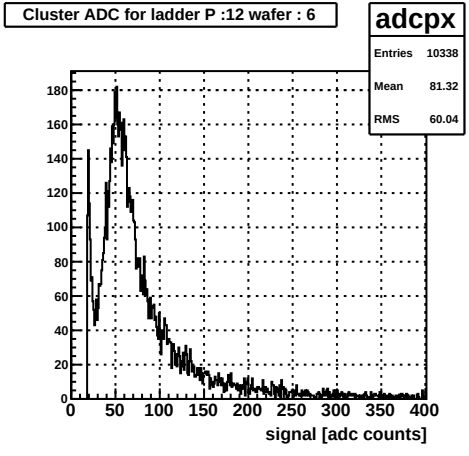

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 11478
Mean 78.87
RMS 61.52
signal [adc counts]

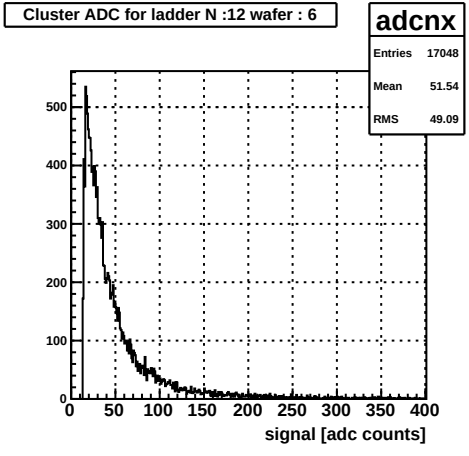

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 10478
Mean 53.33
RMS 49.98
signal [adc counts]

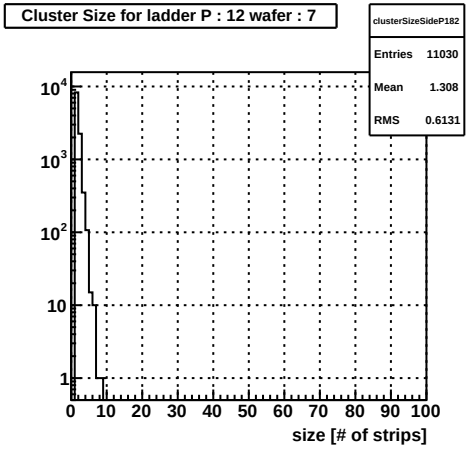

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 10338
Mean 1.435
RMS 0.733
size [# of strips]

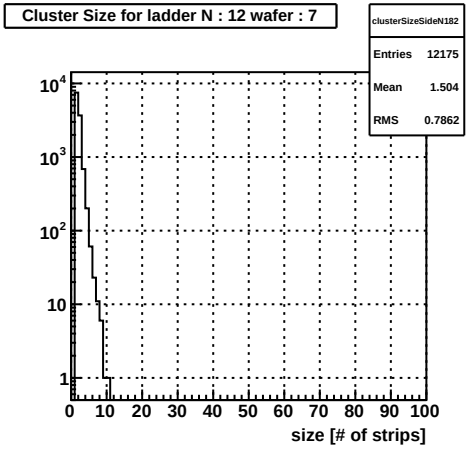

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 17048
Mean 1.424
RMS 0.8193
size [# of strips]

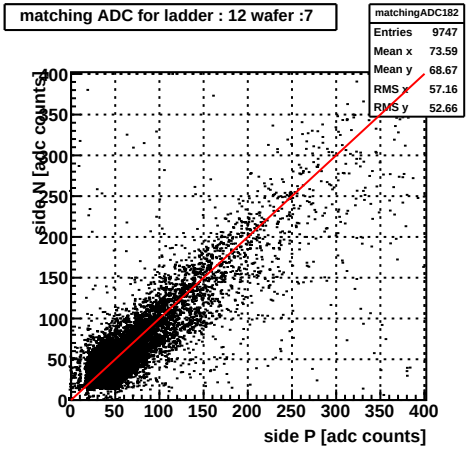

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 9356
Mean x 72.57
Mean y 65.26
RMS x 56.3
RMS y 52.14
side N [adc counts]
side P [adc counts]

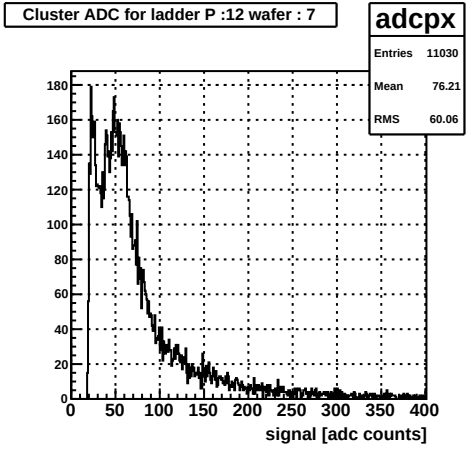

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 10338
Mean 81.32
RMS 60.04
signal [adc counts]

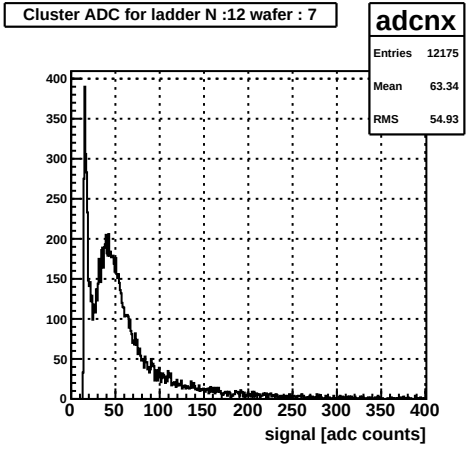

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 17048
Mean 51.54
RMS 49.09
signal [adc counts]

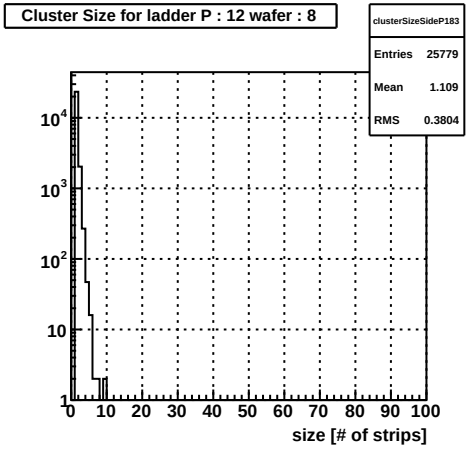

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 11030
Mean 1.308
RMS 0.6131
size [# of strips]

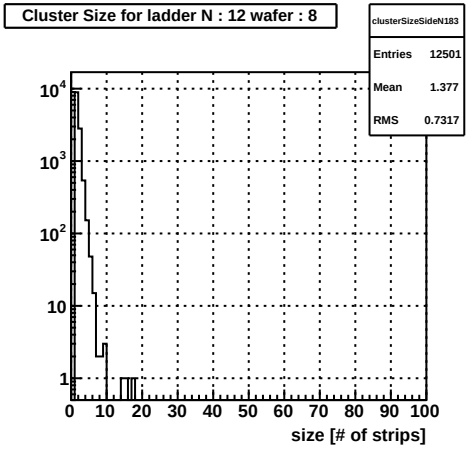

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 12175
Mean 1.504
RMS 0.7862
size [# of strips]

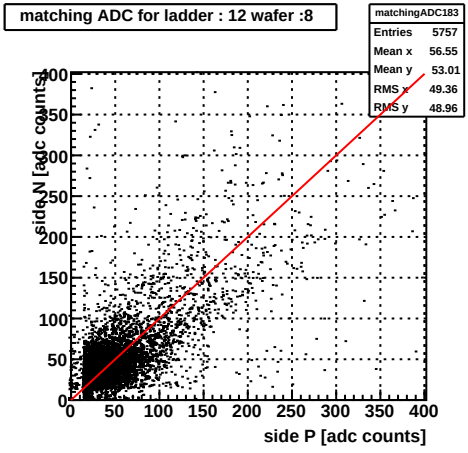

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 9747
Mean x 73.59
Mean y 68.67
RMS x 57.16
RMS y 52.66
side N [adc counts]
side P [adc counts]

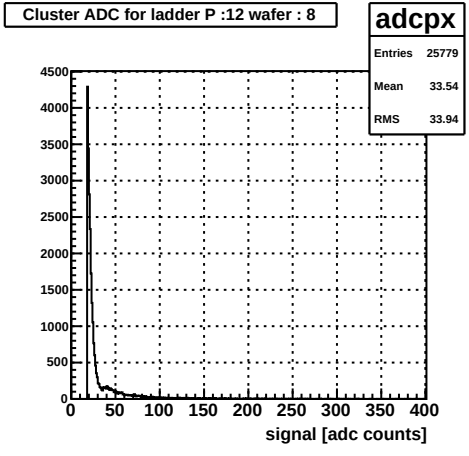

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 11030
Mean 76.21
RMS 60.06
signal [adc counts]

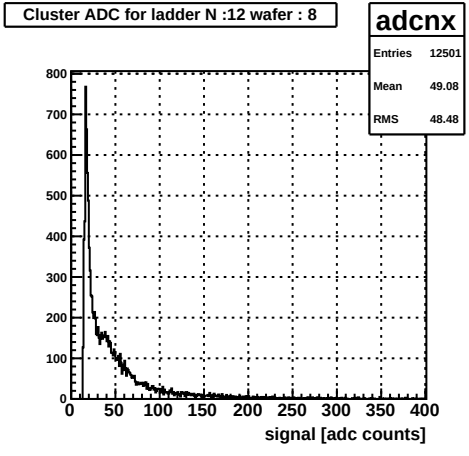

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 12175
Mean 63.34
RMS 54.93
signal [adc counts]

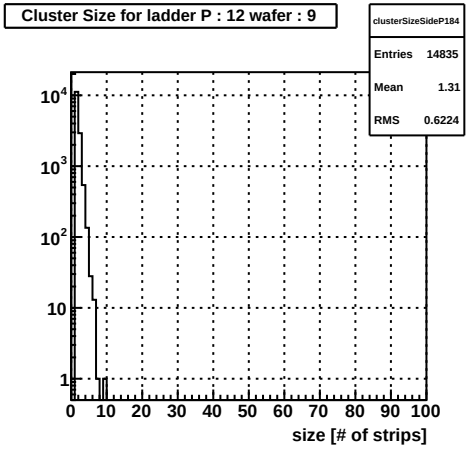

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 25779
Mean 1.109
RMS 0.3804
size [# of strips]

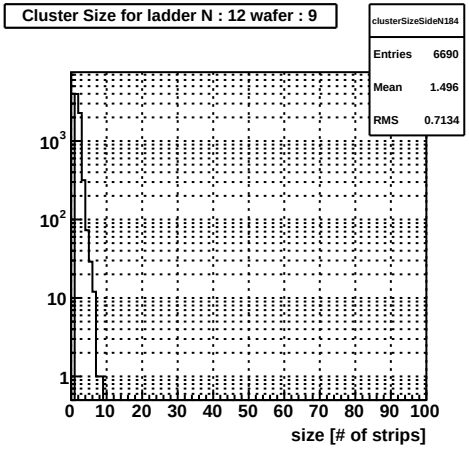

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 12501
Mean 1.377
RMS 0.7317
size [# of strips]

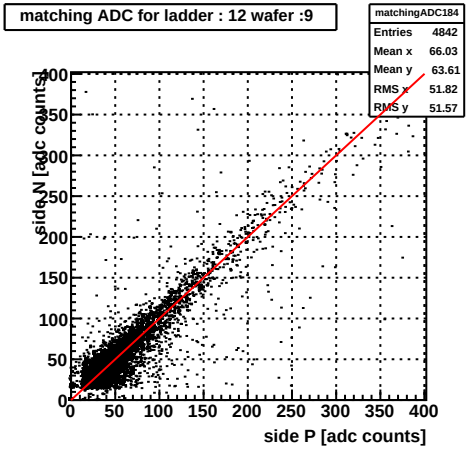

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 5757
Mean x 56.55
Mean y 53.01
RMS x 49.36
RMS y 48.96
side N [adc counts]
side P [adc counts]

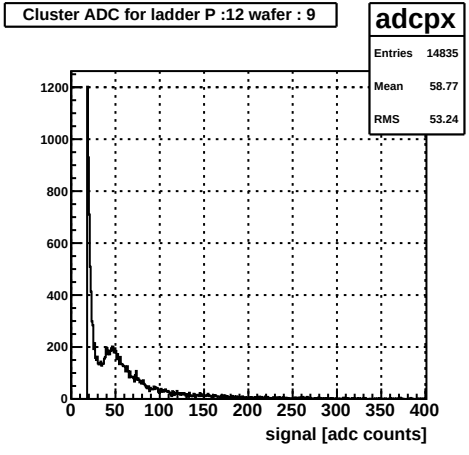

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 25779
Mean 33.54
RMS 33.94
signal [adc counts]

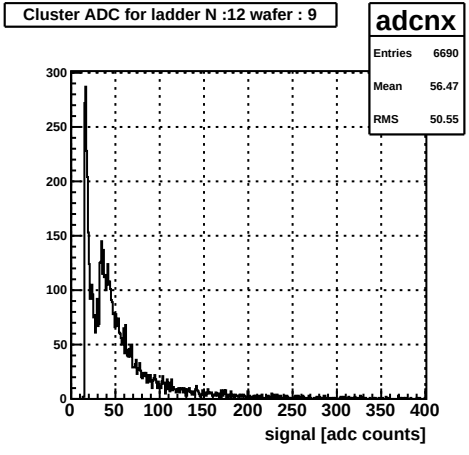

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 12501
Mean 49.08
RMS 48.48
signal [adc counts]

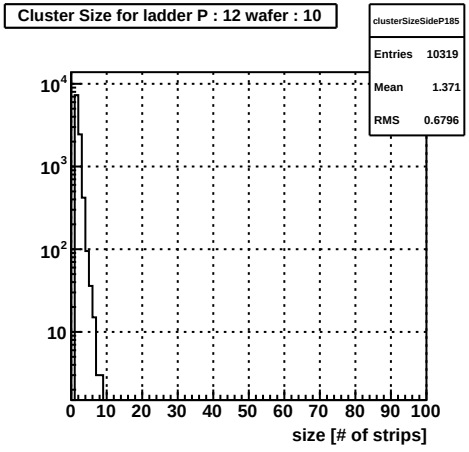

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 14835
Mean 1.31
RMS 0.6224
size [# of strips]

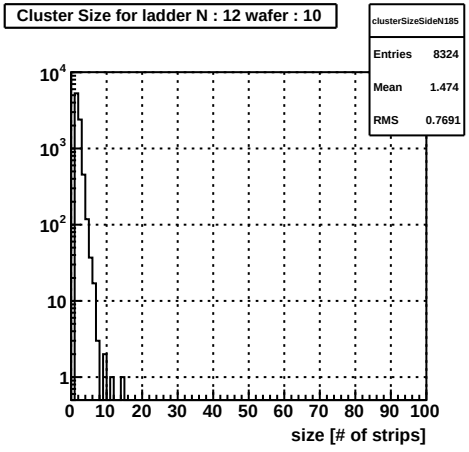

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 6690
Mean 1.496
RMS 0.7134
size [# of strips]

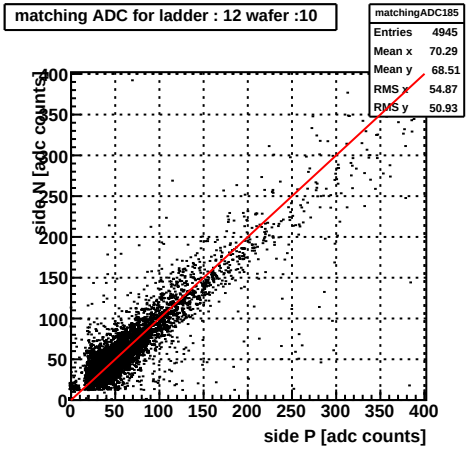

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 4842
Mean x 66.03
Mean y 63.61
RMS x 51.82
RMS y 51.57
side N [adc counts]
side P [adc counts]

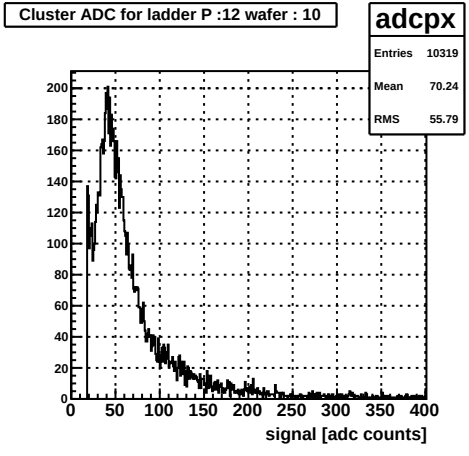

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 14835
Mean 58.77
RMS 53.24
signal [adc counts]

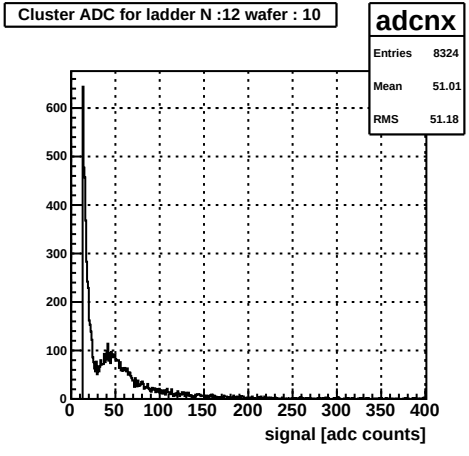

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 6690
Mean 56.47
RMS 50.55
signal [adc counts]

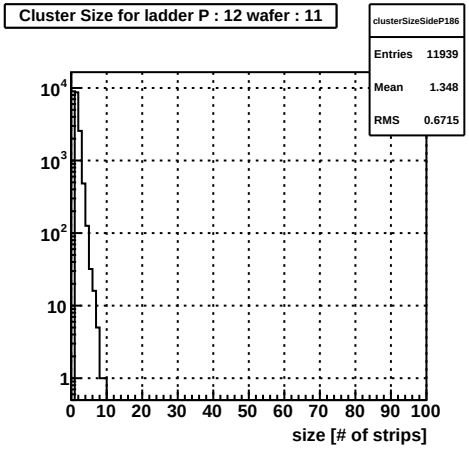

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 10319
Mean 1.371
RMS 0.6796
size [# of strips]

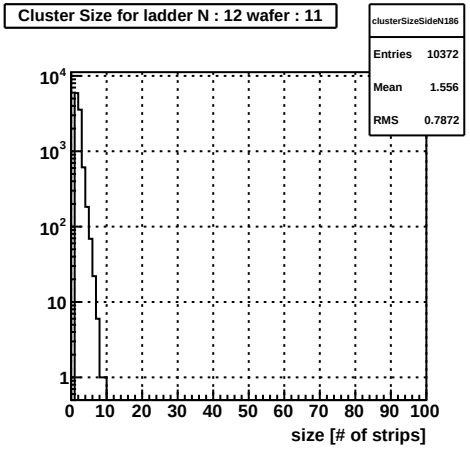

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 8324
Mean 1.474
RMS 0.7691
size [# of strips]

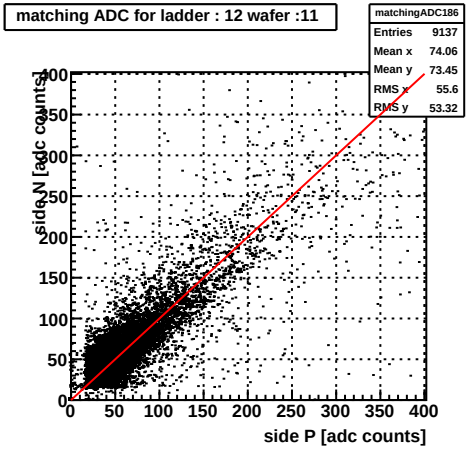

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 4945
Mean x 70.29
Mean y 68.51
RMS x 54.87
RMS y 50.93
side N [adc counts]
side P [adc counts]

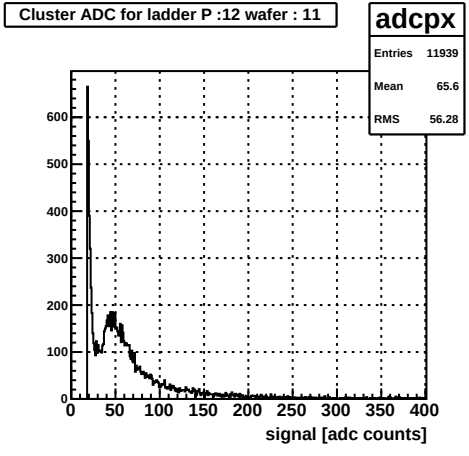

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 10319
Mean 70.24
RMS 55.79
signal [adc counts]

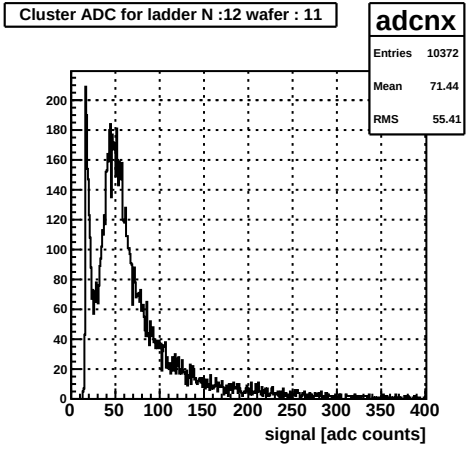

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 8324
Mean 51.01
RMS 51.18
signal [adc counts]

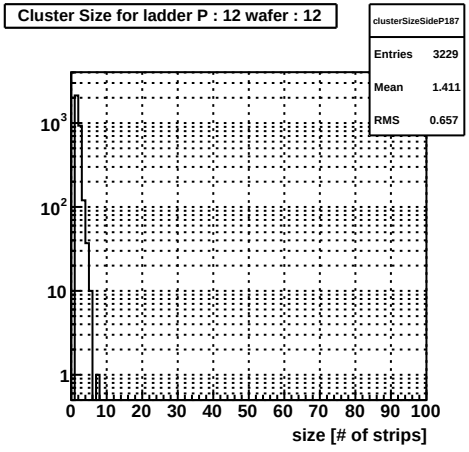

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 11939
Mean 1.348
RMS 0.6715
size [# of strips]

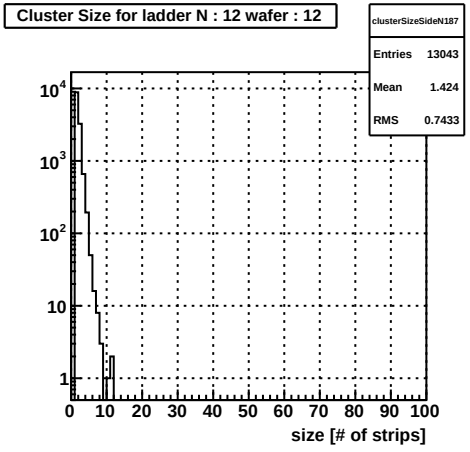

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 10372
Mean 1.556
RMS 0.7872
size [# of strips]

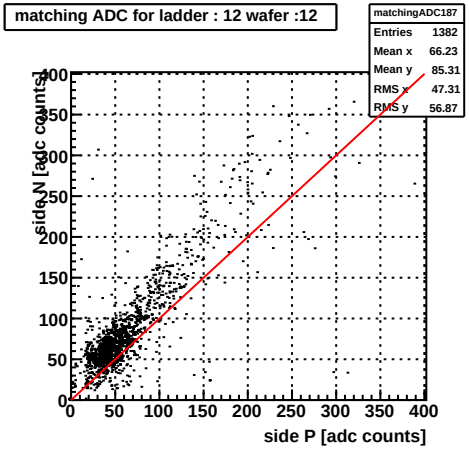

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 9137
Mean x 74.06
Mean y 73.45
RMS x 55.6
RMS y 53.32
side N [adc counts]
side P [adc counts]

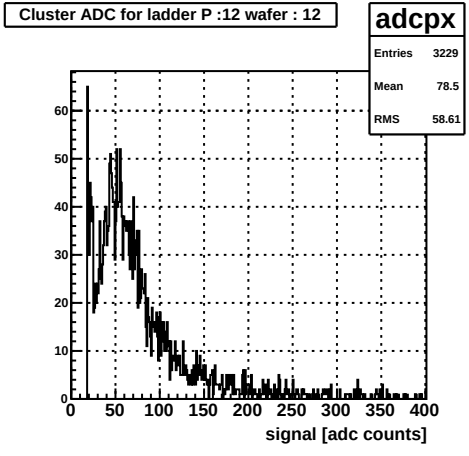

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 11939
Mean 65.6
RMS 56.28
signal [adc counts]

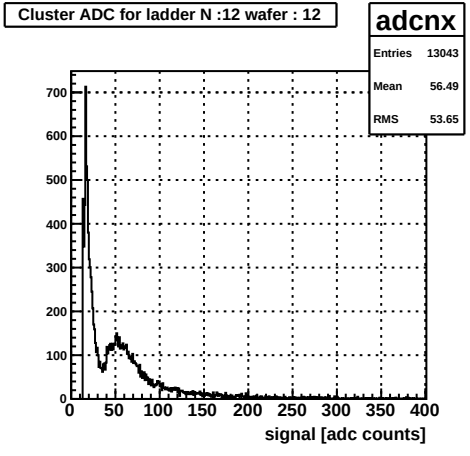

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 10372
Mean 71.44
RMS 55.41
signal [adc counts]

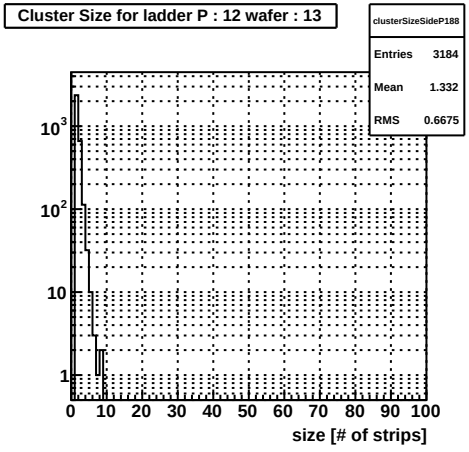

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 3229
Mean 1.411
RMS 0.657
size [# of strips]

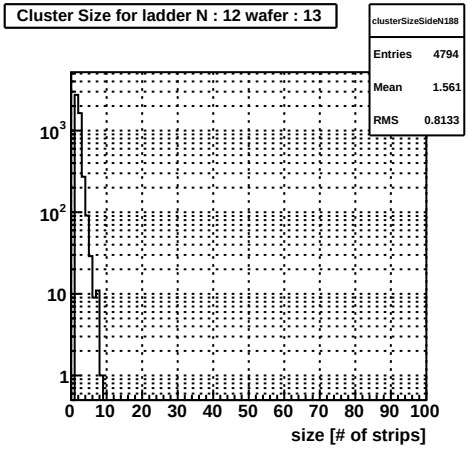

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 13043
Mean 1.424
RMS 0.7433
size [# of strips]

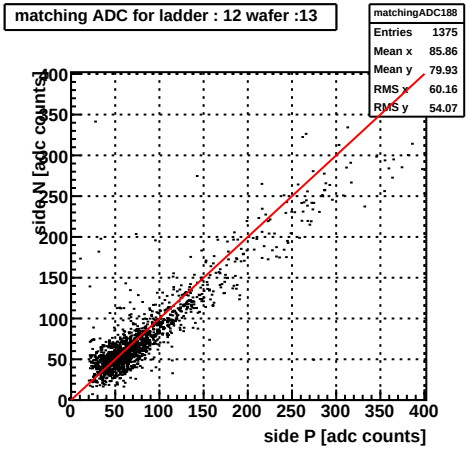

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 1382
Mean x 66.23
Mean y 85.31
RMS x 47.31
RMS y 56.87
side N [adc counts]
side P [adc counts]

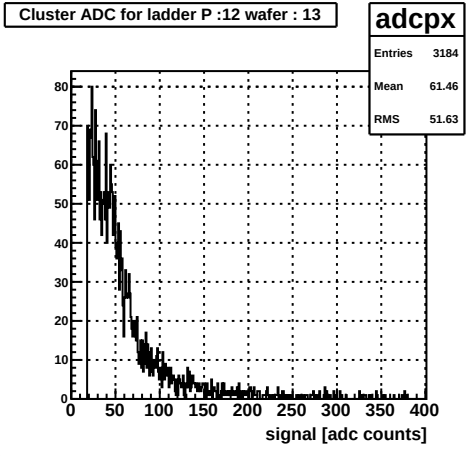

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 3229
Mean 78.5
RMS 58.61
signal [adc counts]

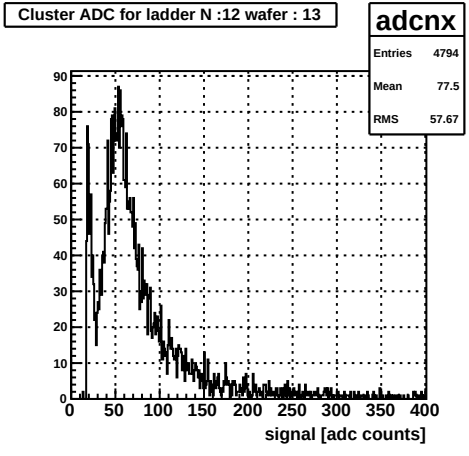

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 13043
Mean 56.49
RMS 53.65
signal [adc counts]

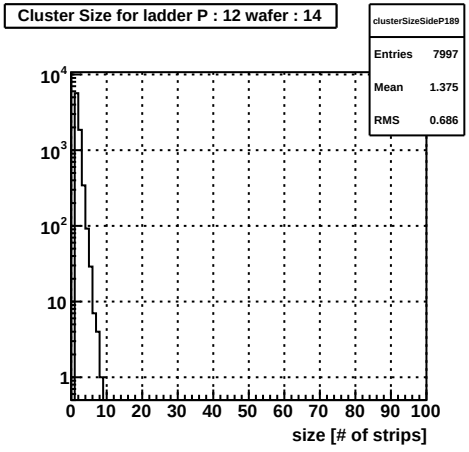

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 3184
Mean 1.332
RMS 0.6675
size [# of strips]

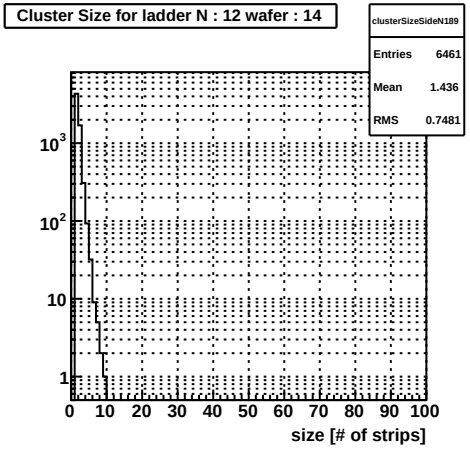

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 4794
Mean 1.561
RMS 0.8133
size [# of strips]

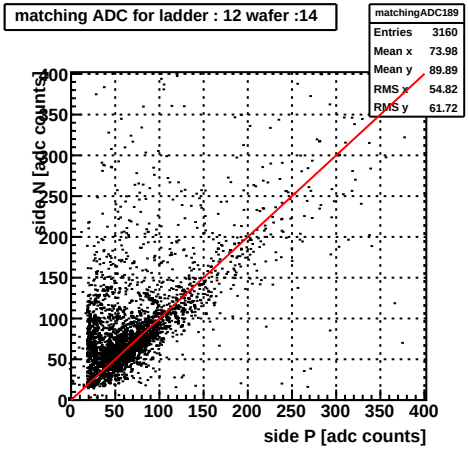

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1375
Mean x 85.86
Mean y 79.93
RMS x 60.16
RMS y 54.07
side N [adc counts]
side P [adc counts]

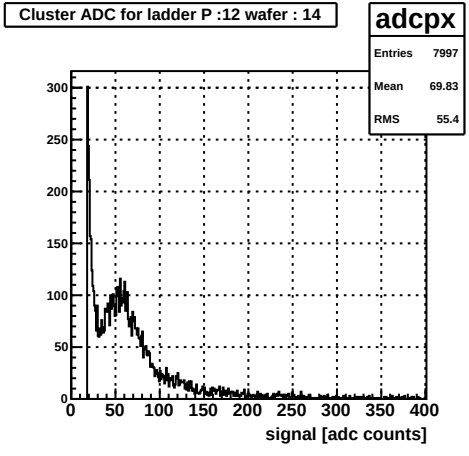

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 3184
Mean 61.46
RMS 51.63
signal [adc counts]

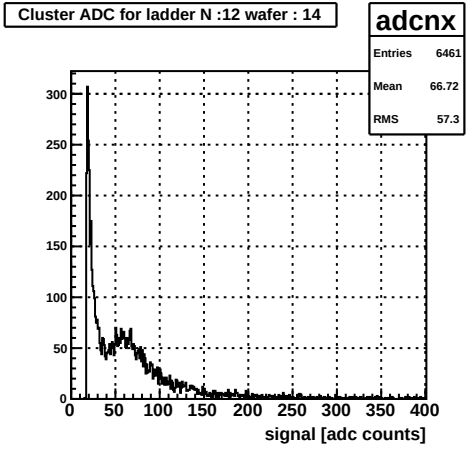

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 4794
Mean 77.5
RMS 57.67
signal [adc counts]

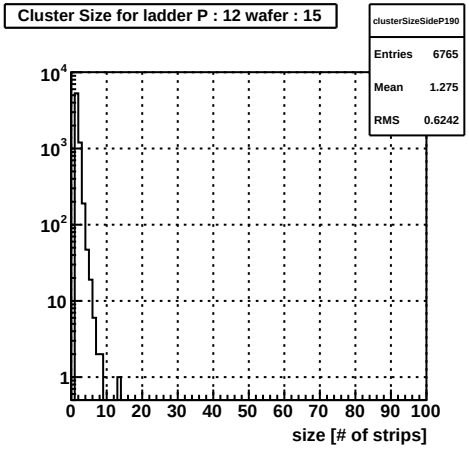

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 7997
Mean 1.375
RMS 0.686
size [# of strips]

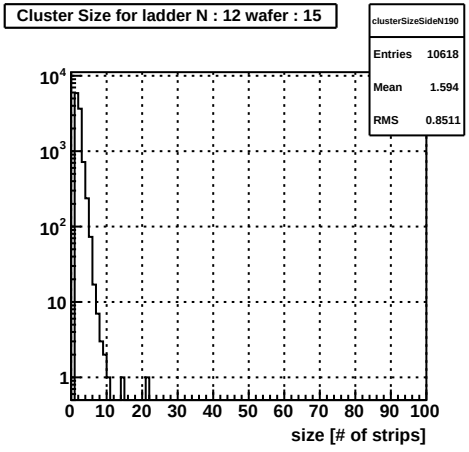

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 6461
Mean 1.436
RMS 0.7481
size [# of strips]

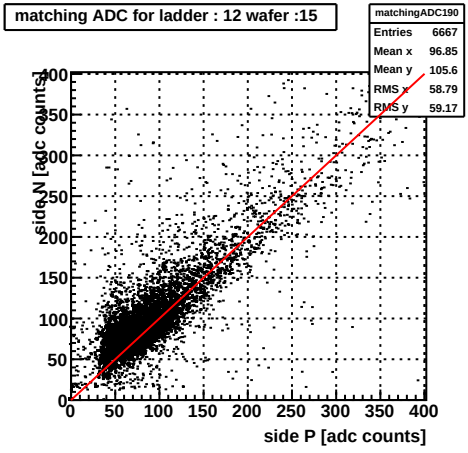

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 3160
Mean x 73.98
Mean y 89.89
RMS x 54.82
RMS y 61.72
side N [adc counts]
side P [adc counts]

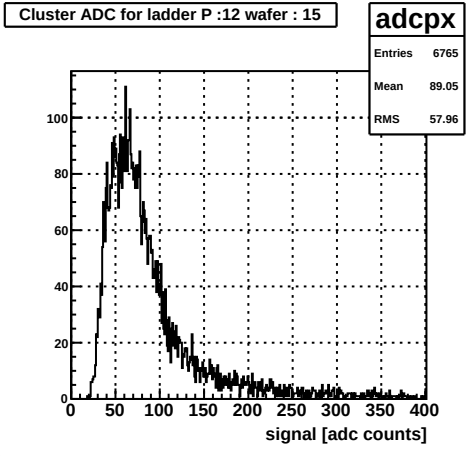

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 7997
Mean 69.83
RMS 55.4
signal [adc counts]

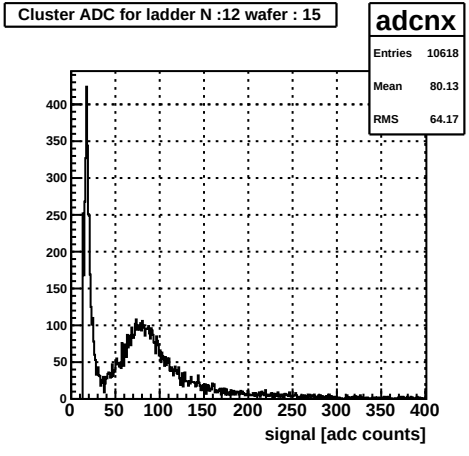

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 6461
Mean 66.72
RMS 57.3
signal [adc counts]

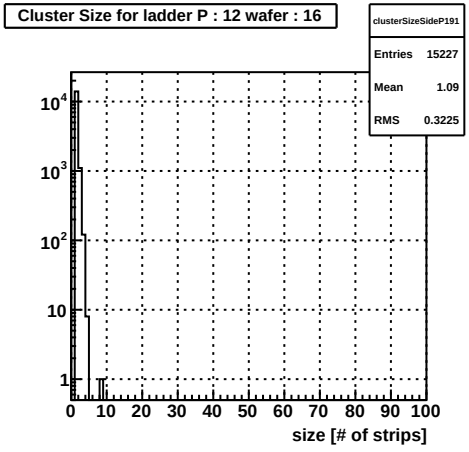

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 6765
Mean 1.275
RMS 0.6242
size [# of strips]

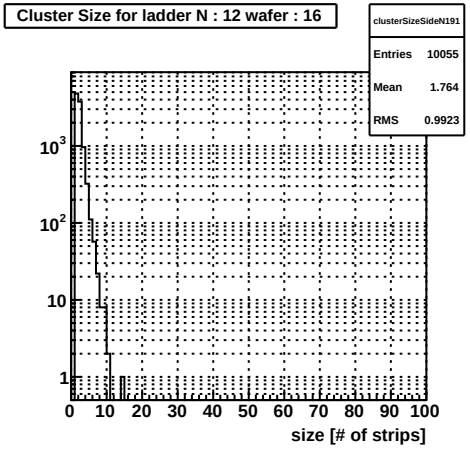

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 10618
Mean 1.594
RMS 0.8511
size [# of strips]

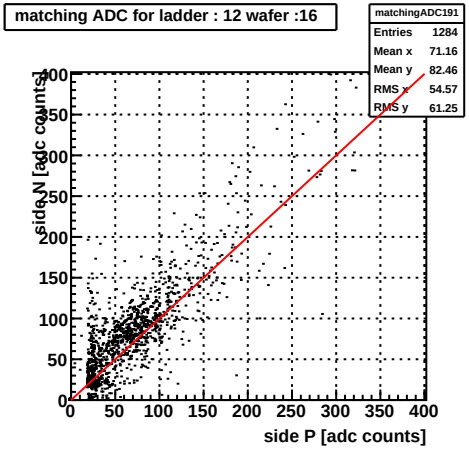

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 6667
Mean x 96.85
Mean y 105.6
RMS x 58.79
RMS y 59.17
side N [adc counts]
side P [adc counts]

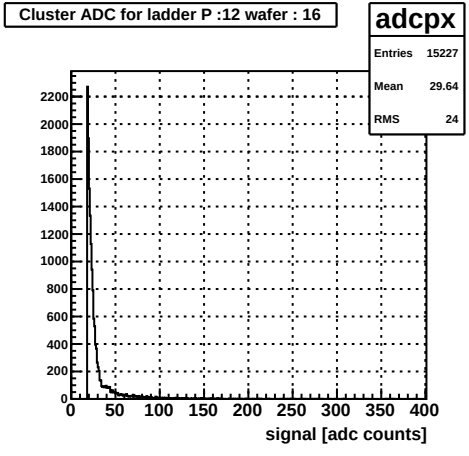

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 6765
Mean 89.05
RMS 57.96
signal [adc counts]

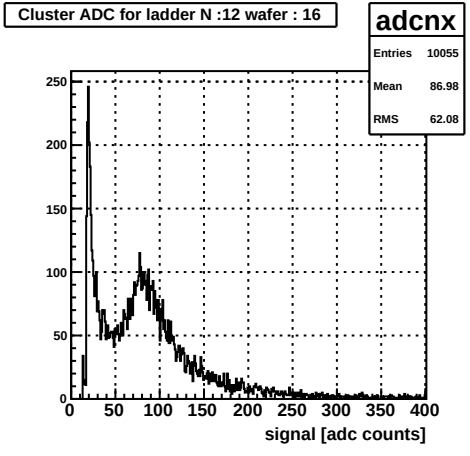

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 10618
Mean 80.13
RMS 64.17
signal [adc counts]

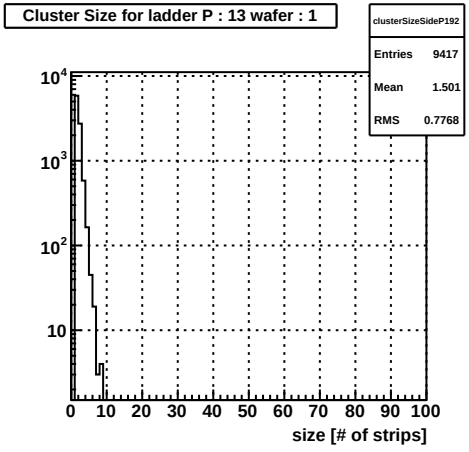

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 15227
Mean 1.09
RMS 0.3225
size [# of strips]

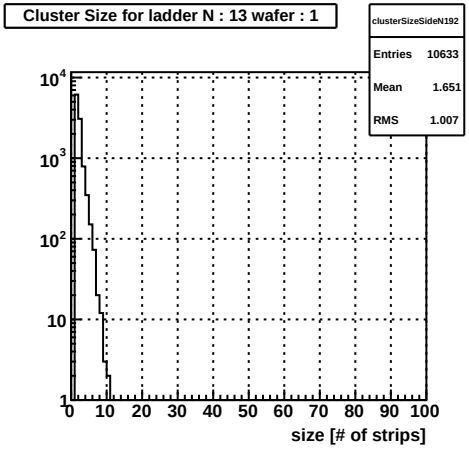

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 10055
Mean 1.764
RMS 0.9923
size [# of strips]

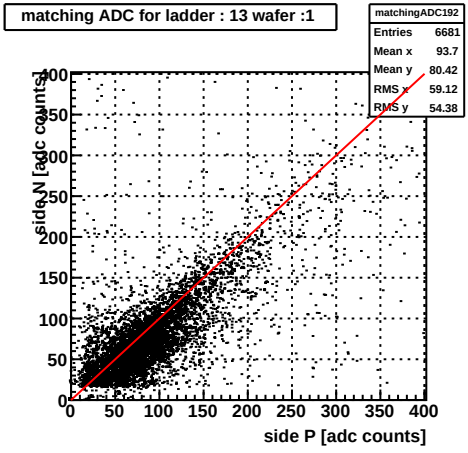

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1284
Mean x 71.16
Mean y 82.46
RMS x 54.57
RMS y 61.25
side N [adc counts]
side P [adc counts]

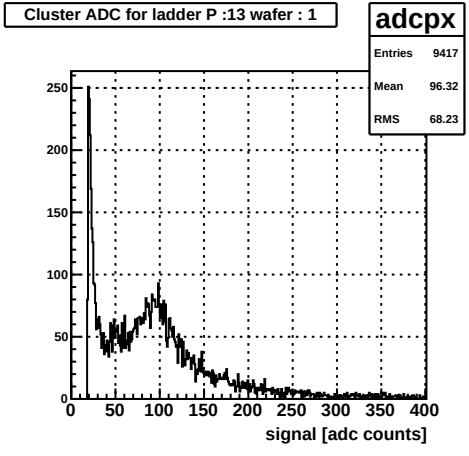

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 15227
Mean 29.64
RMS 24
signal [adc counts]

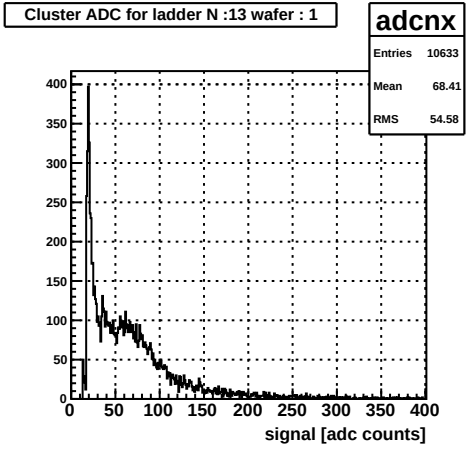

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 10055
Mean 86.98
RMS 62.08
signal [adc counts]

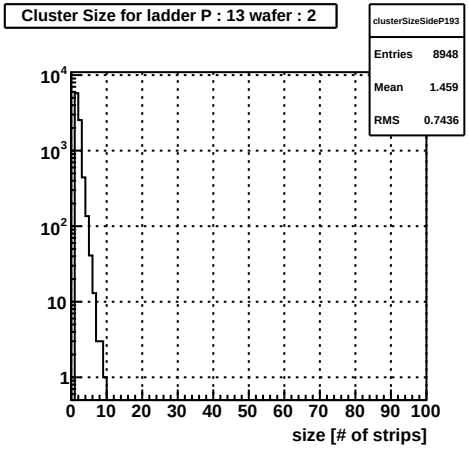

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 9417
Mean 1.501
RMS 0.7768
size [# of strips]

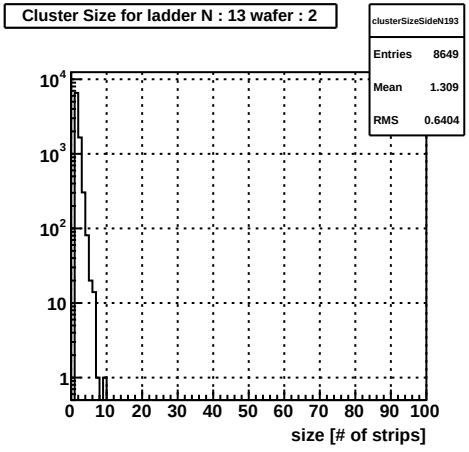

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 10633
Mean 1.651
RMS 1.007
size [# of strips]

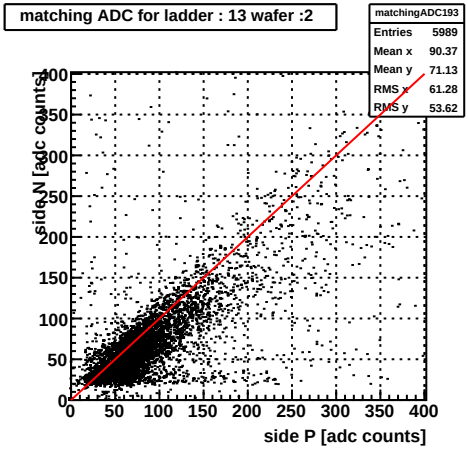

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 6681
Mean x 93.7
Mean y 80.42
RMS x 59.12
RMS y 54.38
side N [adc counts]
side P [adc counts]

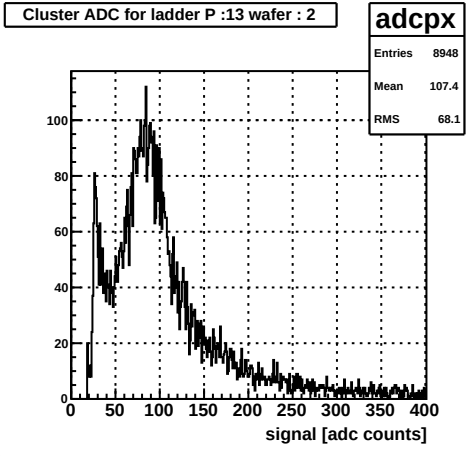

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 9417
Mean 96.32
RMS 68.23
signal [adc counts]

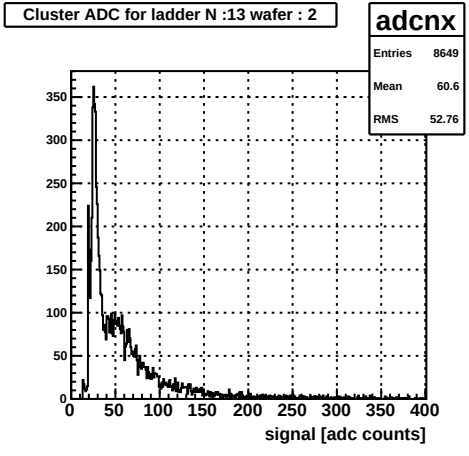

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 10633
Mean 68.41
RMS 54.58
signal [adc counts]

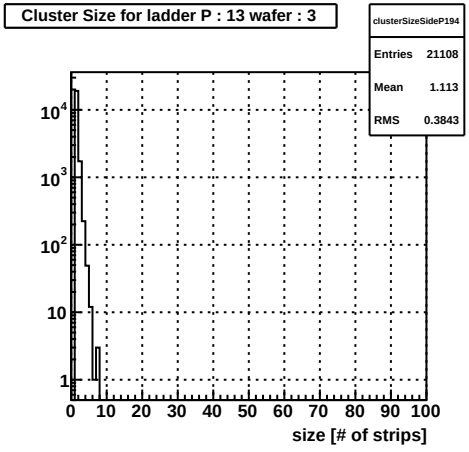

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 8948
Mean 1.459
RMS 0.7436
size [# of strips]

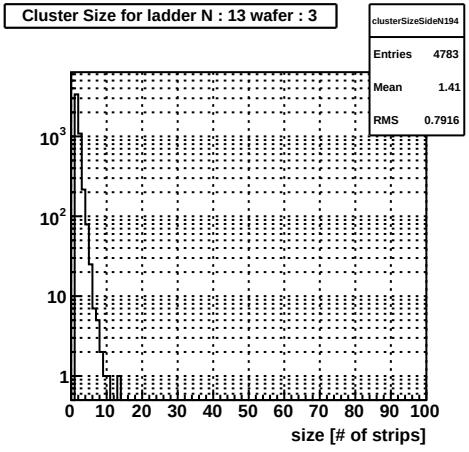

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 8649
Mean 1.309
RMS 0.6404
size [# of strips]

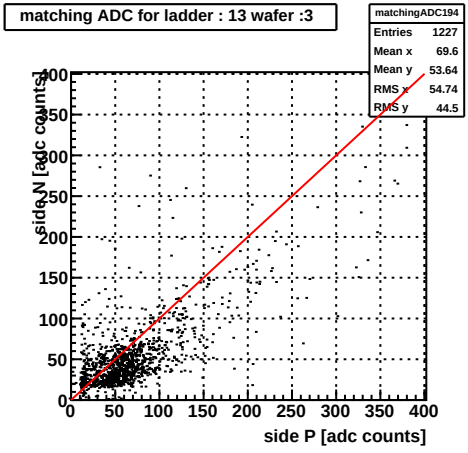

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 5989
Mean x 90.37
Mean y 71.13
RMS x 61.28
RMS y 53.62
side N [adc counts]
side P [adc counts]

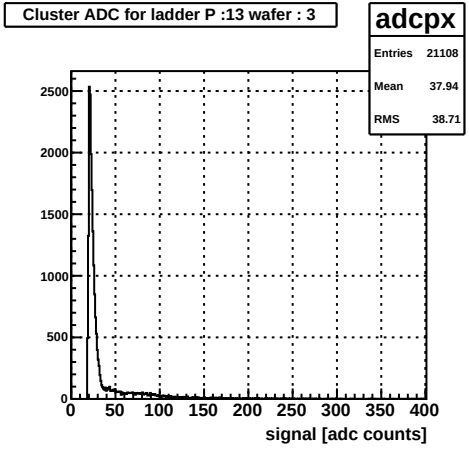

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 8948
Mean 107.4
RMS 68.1
signal [adc counts]

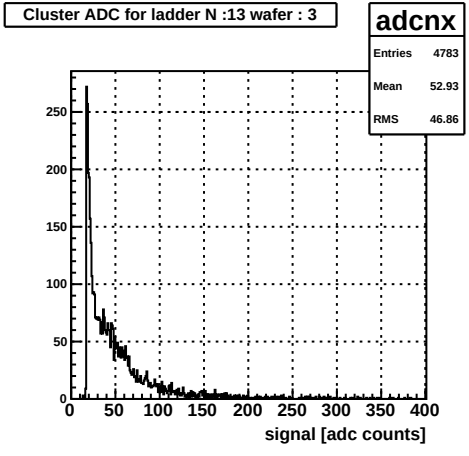

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 8649
Mean 60.6
RMS 52.76
signal [adc counts]

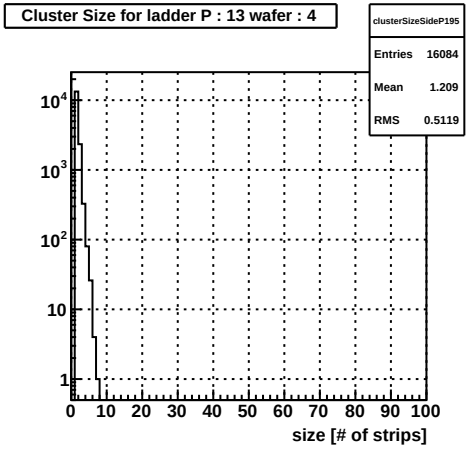

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 21108
Mean 1.113
RMS 0.3843
size [# of strips]

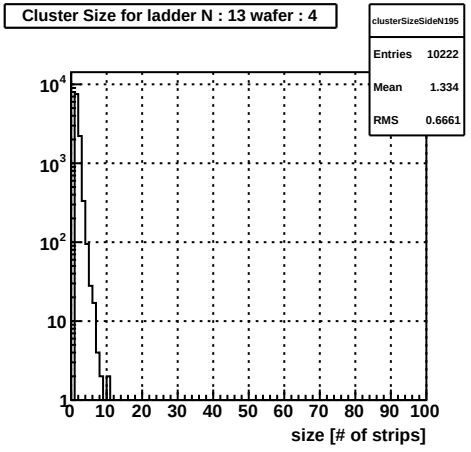

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 4783
Mean 1.41
RMS 0.7916
size [# of strips]

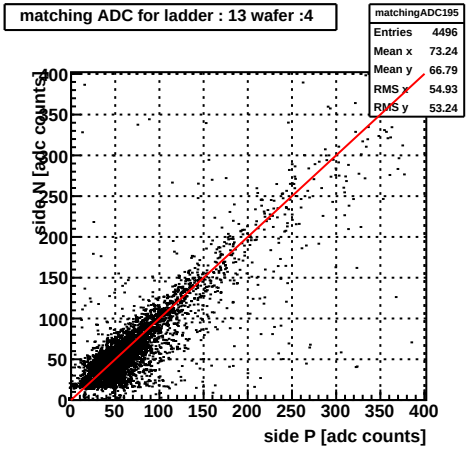

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 1227
Mean x 69.6
Mean y 53.64
RMS x 54.74
RMS y 44.5
side N [adc counts]
side P [adc counts]

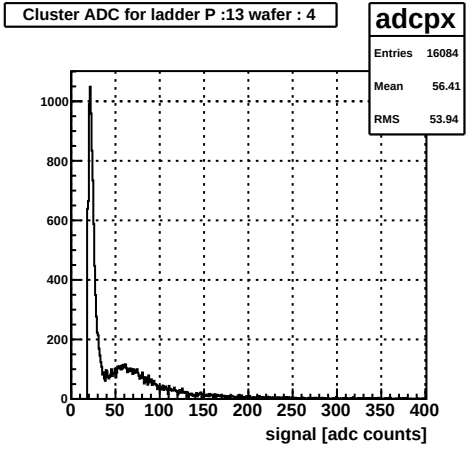

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 21108
Mean 37.94
RMS 38.71
signal [adc counts]

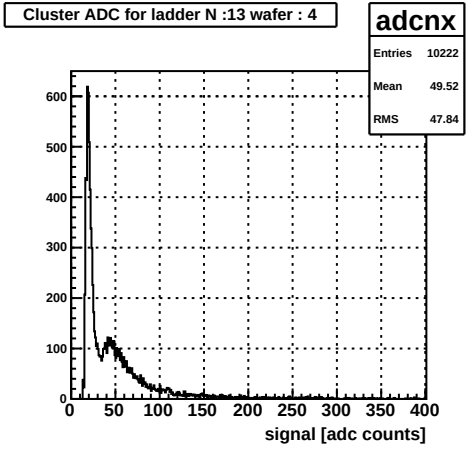

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 4783
Mean 52.93
RMS 46.86
signal [adc counts]

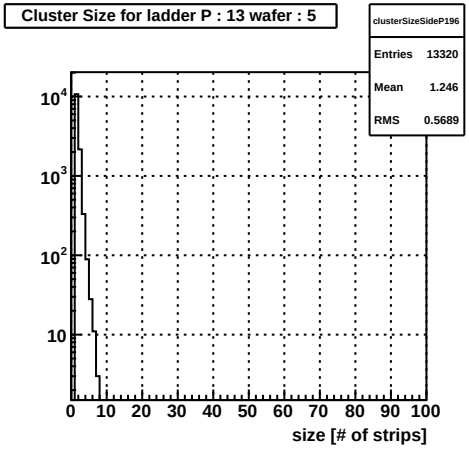

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 16084
Mean 1.209
RMS 0.5119
size [# of strips]

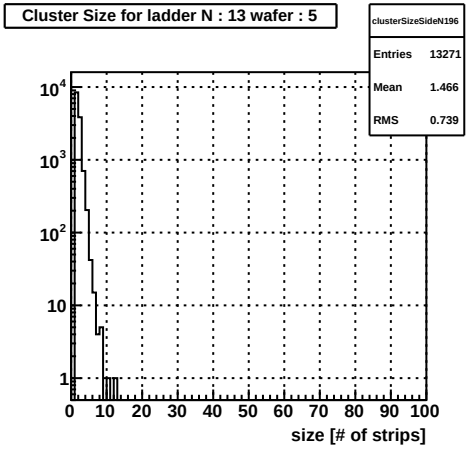

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 10222
Mean 1.334
RMS 0.6661
size [# of strips]

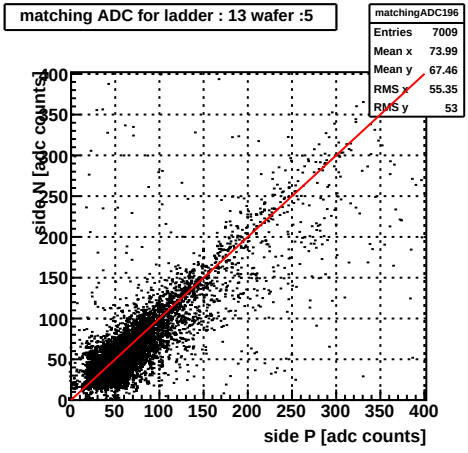

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 4496
Mean x 73.24
Mean y 66.79
RMS x 54.93
RMS y 53.24
side N [adc counts]
side P [adc counts]

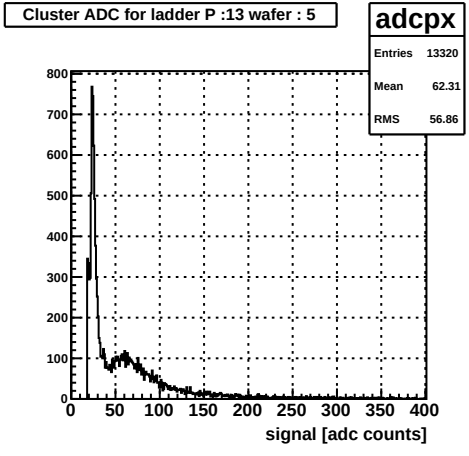

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 16084
Mean 56.41
RMS 53.94
signal [adc counts]

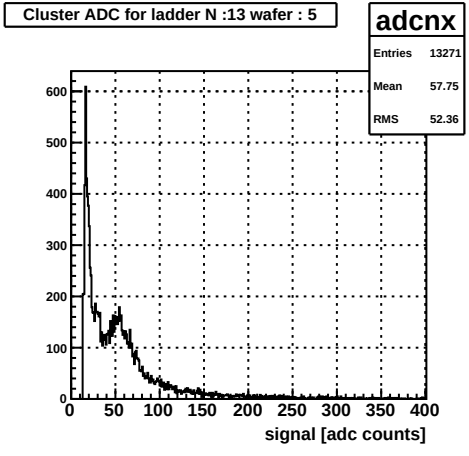

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 10222
Mean 49.52
RMS 47.84
signal [adc counts]

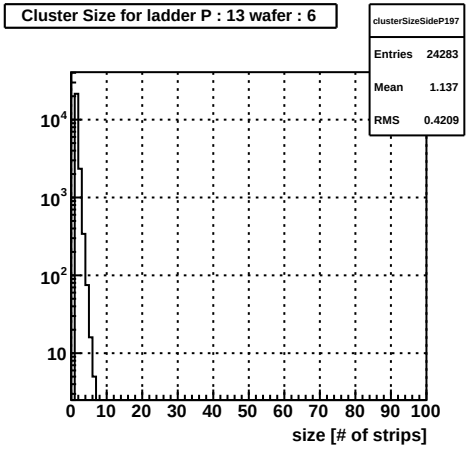

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 13320
Mean 1.246
RMS 0.5689
size [# of strips]

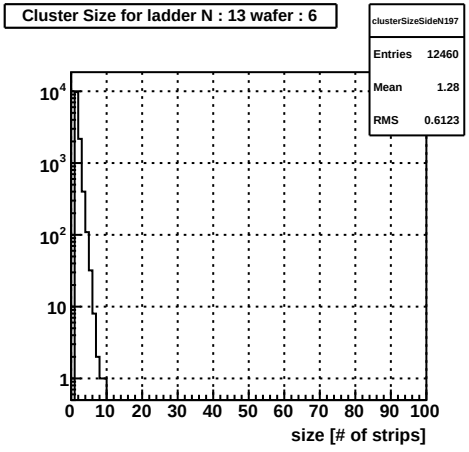

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 13271
Mean 1.466
RMS 0.739
size [# of strips]

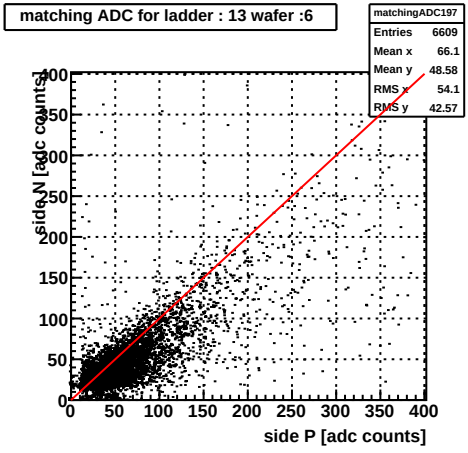

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 7009
Mean x 73.99
Mean y 67.46
RMS x 55.35
RMS y 53
side N [adc counts]
side P [adc counts]

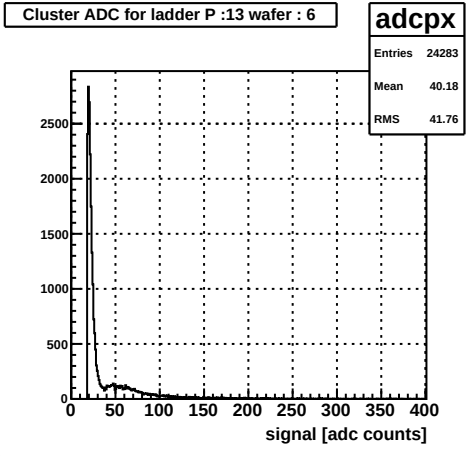

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 13320
Mean 62.31
RMS 56.86
signal [adc counts]

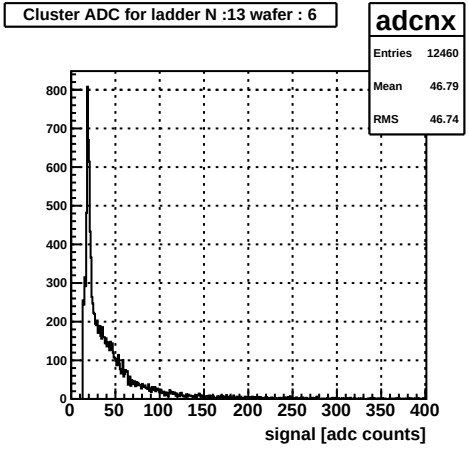

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 13271
Mean 57.75
RMS 52.36
signal [adc counts]

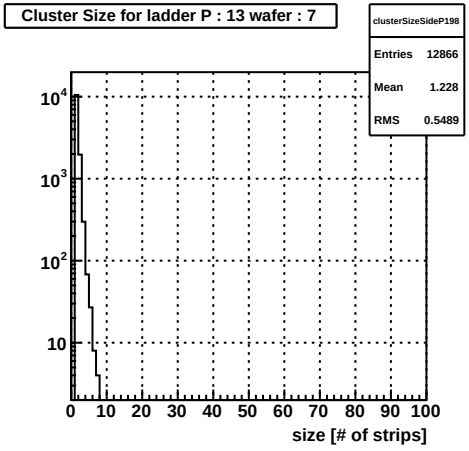

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 24283
Mean 1.137
RMS 0.4209
size [# of strips]

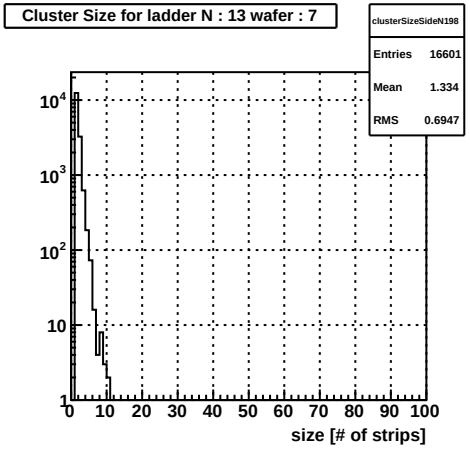

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 12460
Mean 1.28
RMS 0.6123
size [# of strips]

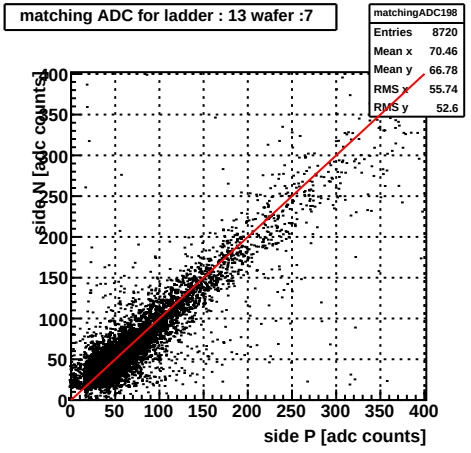

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 6609
Mean x 66.1
Mean y 48.58
RMS x 54.1
RMS y 42.57
side N [adc counts]
side P [adc counts]

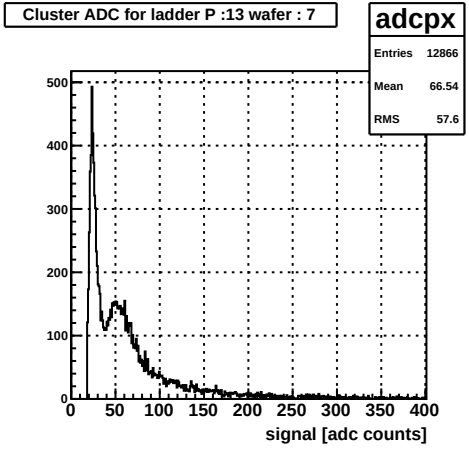

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 24283
Mean 40.18
RMS 41.76
signal [adc counts]

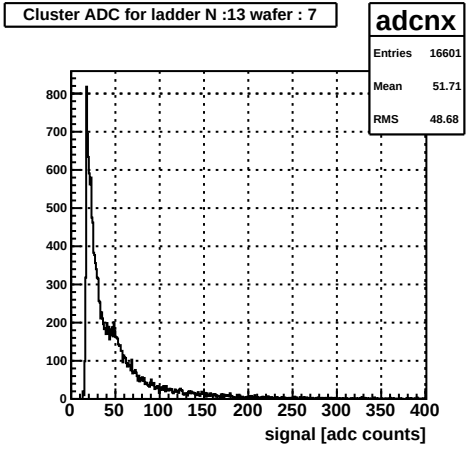

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 12460
Mean 46.79
RMS 46.74
signal [adc counts]

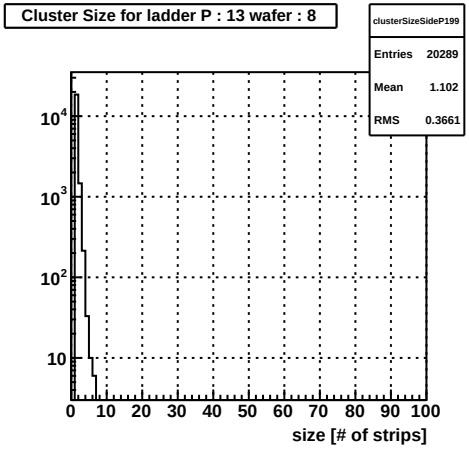

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 12866
Mean 1.228
RMS 0.5489
size [# of strips]

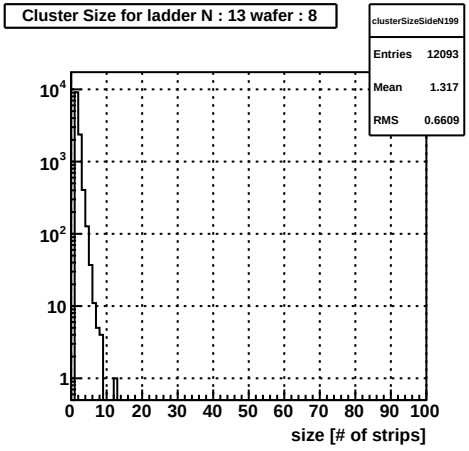

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 16601
Mean 1.334
RMS 0.6947
size [# of strips]

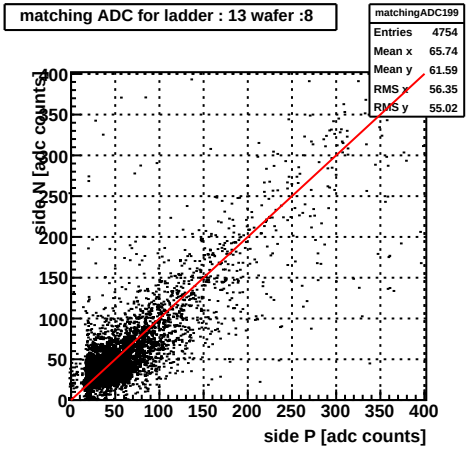

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 8720
Mean x 70.46
Mean y 66.78
RMS x 55.74
RMS y 52.6
side N [adc counts]
side P [adc counts]

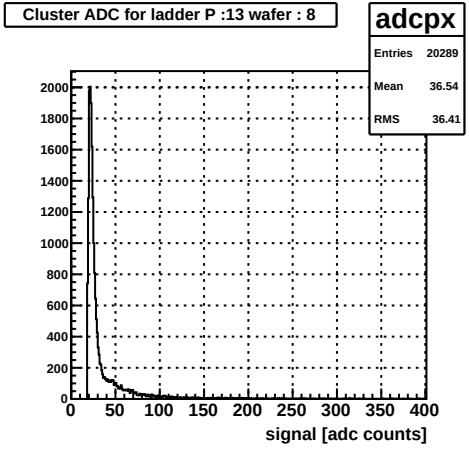

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 12866
Mean 66.54
RMS 57.6
signal [adc counts]

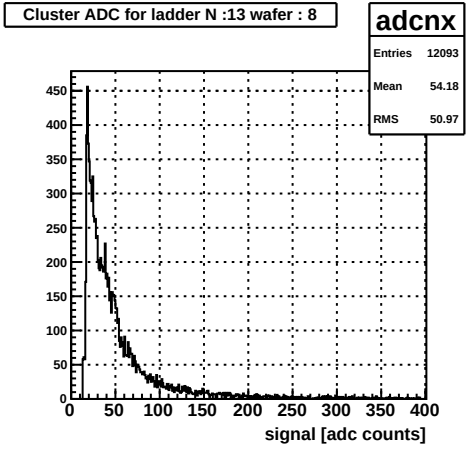

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 16601
Mean 51.71
RMS 48.68
signal [adc counts]

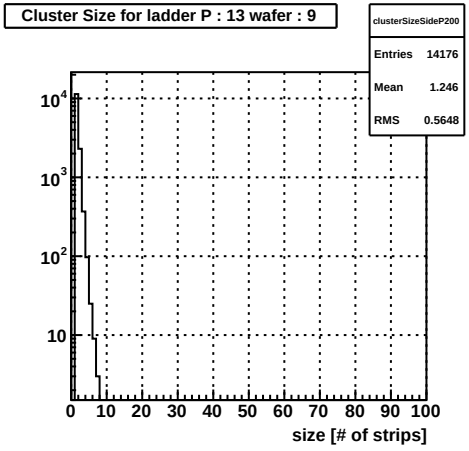

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 20289
Mean 1.102
RMS 0.3661
size [# of strips]

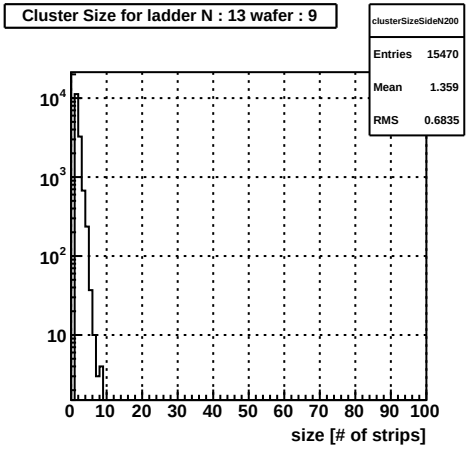

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 12093
Mean 1.317
RMS 0.6609
size [# of strips]

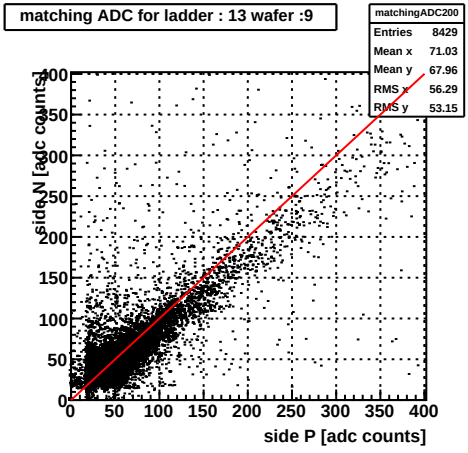

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 4754
Mean x 65.74
Mean y 61.59
RMS x 56.35
RMS y 55.02
side N [adc counts]
side P [adc counts]

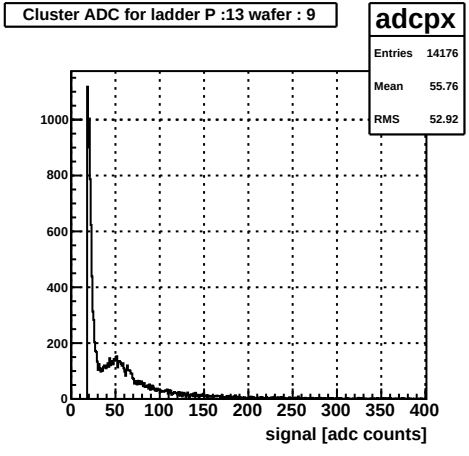

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 20289
Mean 36.54
RMS 36.41
signal [adc counts]

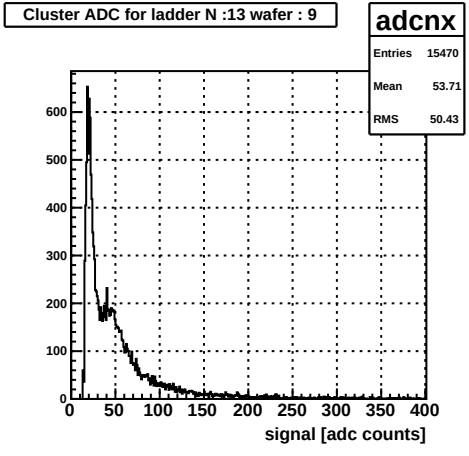

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 12093
Mean 54.18
RMS 50.97
signal [adc counts]

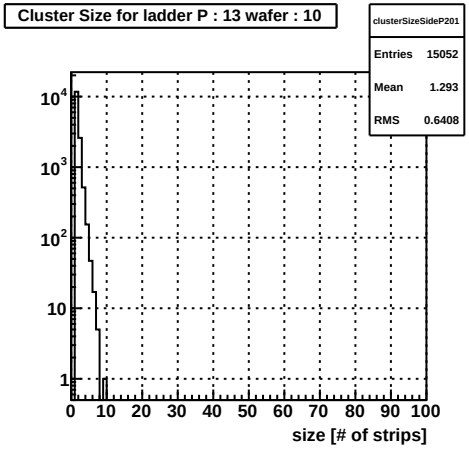

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 14176
Mean 1.246
RMS 0.5648
size [# of strips]

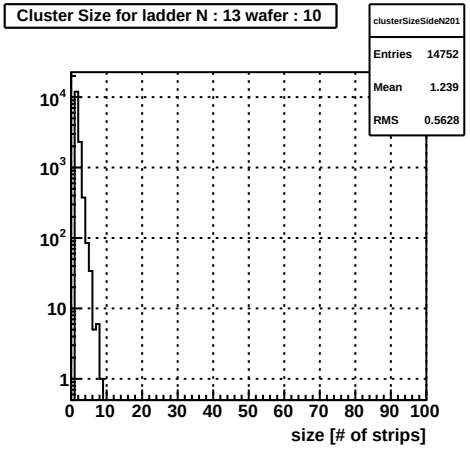

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 15470
Mean 1.359
RMS 0.6835
size [# of strips]

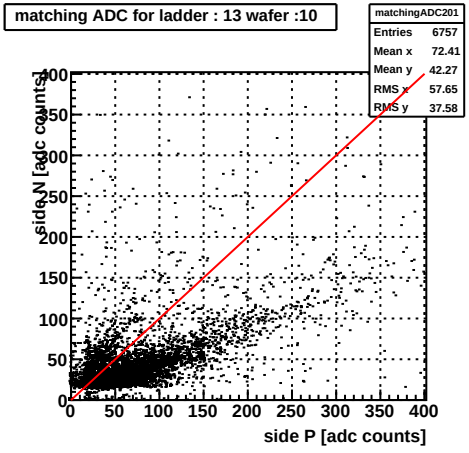

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 8429
Mean x 71.03
Mean y 67.96
RMS x 56.29
RMS y 53.15
side N [adc counts]
side P [adc counts]

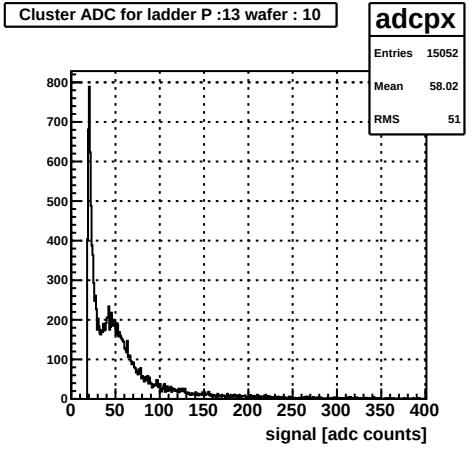

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 14176
Mean 55.76
RMS 52.92
signal [adc counts]

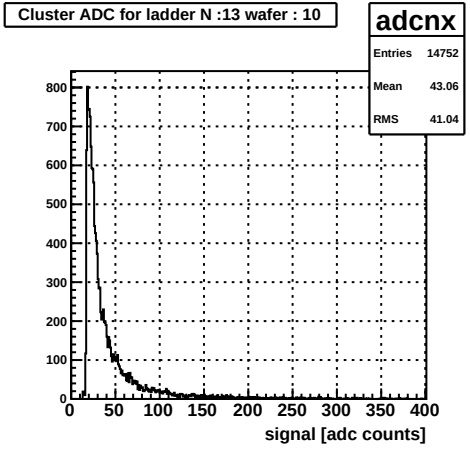

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 15470
Mean 53.71
RMS 50.43
signal [adc counts]

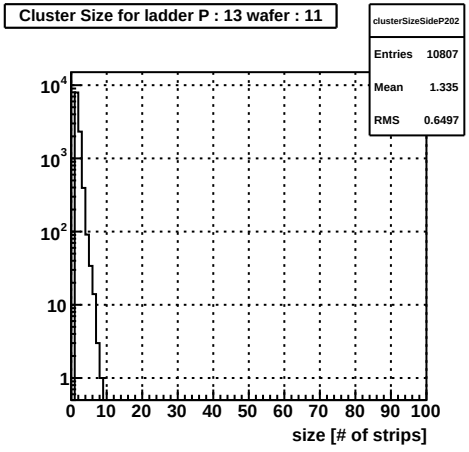

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 15052
Mean 1.293
RMS 0.6408
size [# of strips]

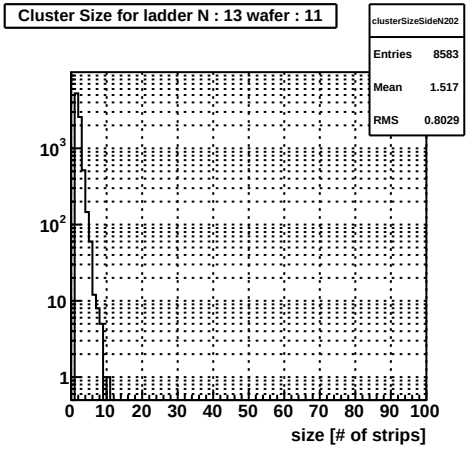

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 14752
Mean 1.239
RMS 0.5628
size [# of strips]

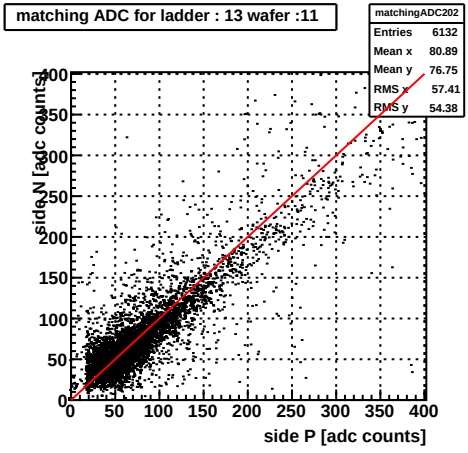

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 6757
Mean x 72.41
Mean y 42.27
RMS x 57.65
RMS y 37.58
side N [adc counts]
side P [adc counts]

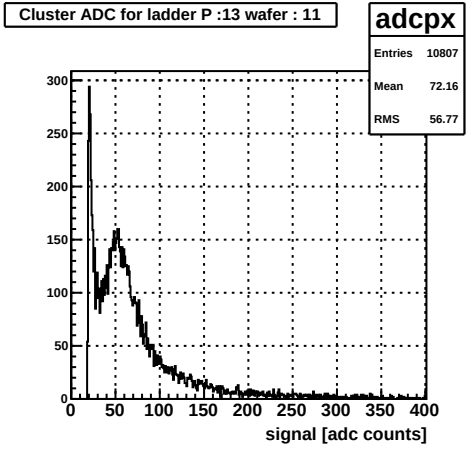

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 15052
Mean 58.02
RMS 51
signal [adc counts]

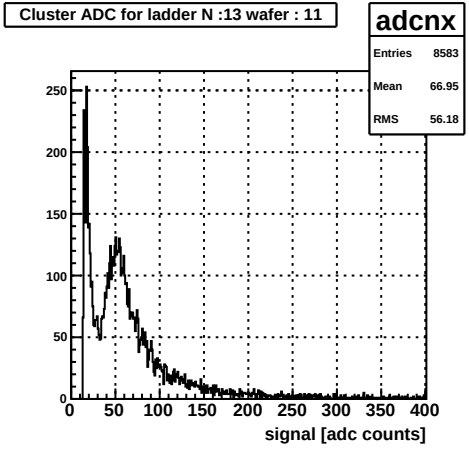

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 14752
Mean 43.06
RMS 41.04
signal [adc counts]

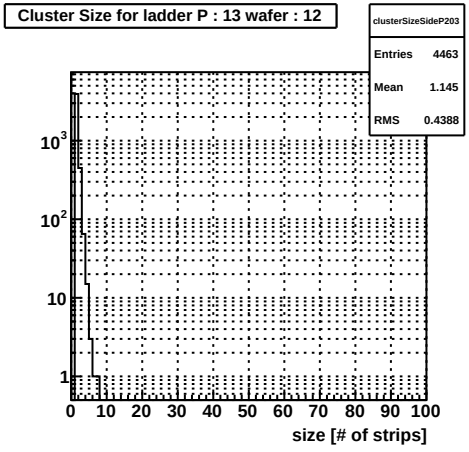

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 10807
Mean 1.335
RMS 0.6497
size [# of strips]

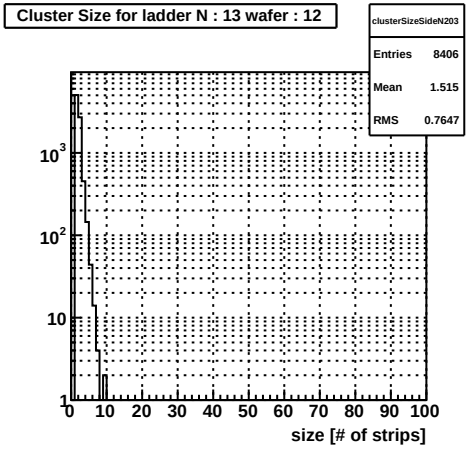

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 8583
Mean 1.517
RMS 0.8029
size [# of strips]

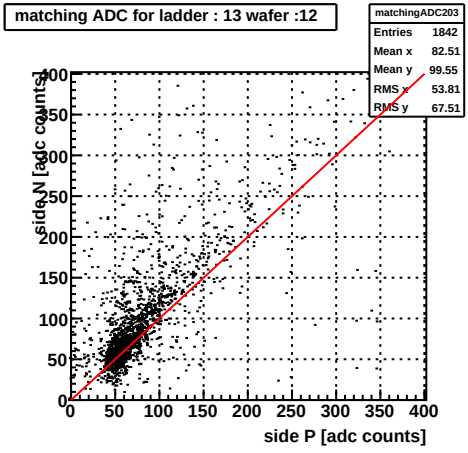

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 6132
Mean x 80.89
Mean y 76.75
RMS x 57.41
RMS y 54.38
side N [adc counts]
side P [adc counts]

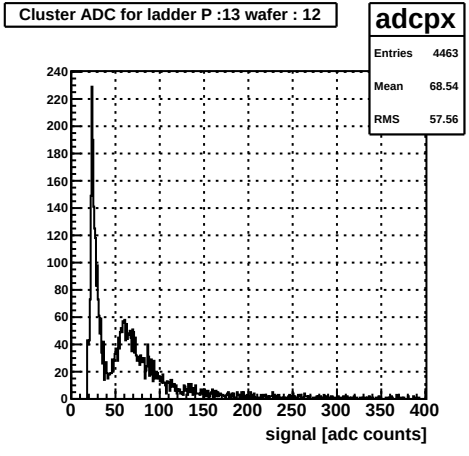

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 10807
Mean 72.16
RMS 56.77
signal [adc counts]

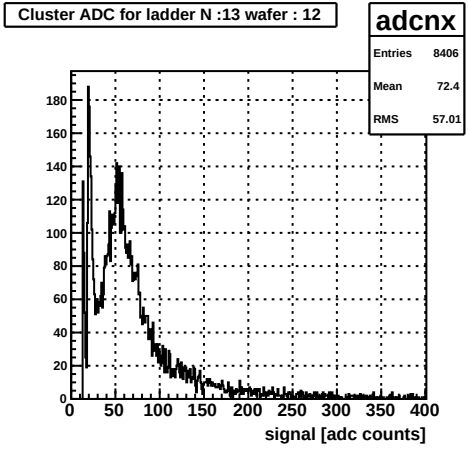

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 8583
Mean 66.95
RMS 56.18
signal [adc counts]

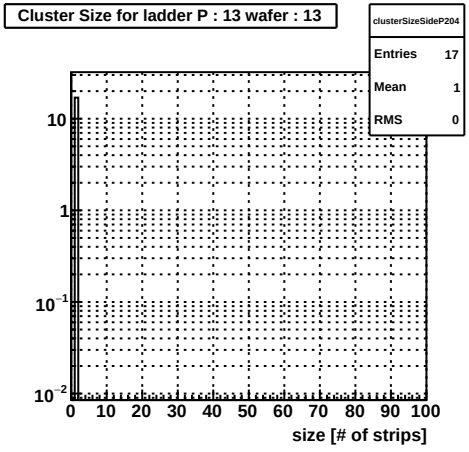

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 4463
Mean 1.145
RMS 0.4388
size [# of strips]

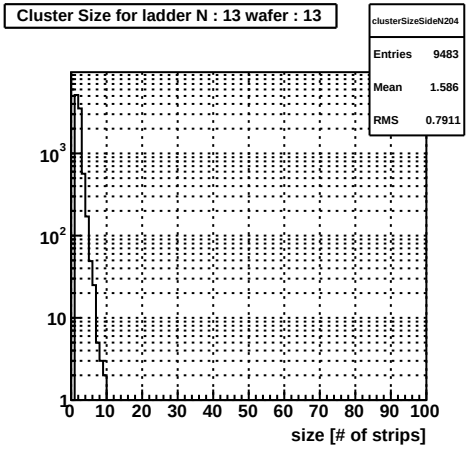

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 8406
Mean 1.515
RMS 0.7647
size [# of strips]

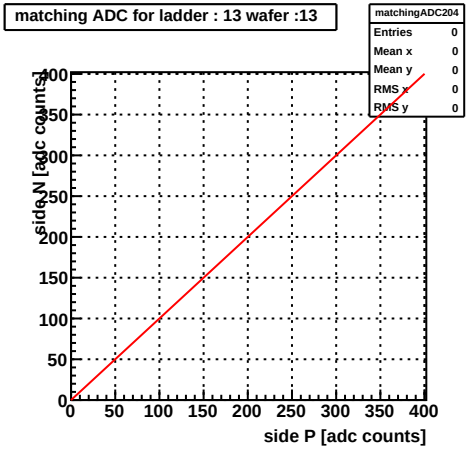

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 1842
Mean x 82.51
Mean y 99.55
RMS x 53.81
RMS y 67.51
side N [adc counts]
side P [adc counts]

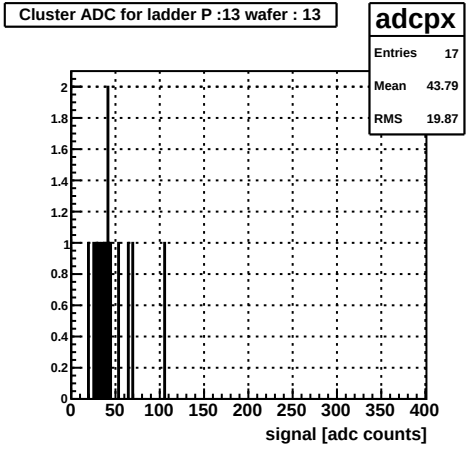

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 4463
Mean 68.54
RMS 57.56
signal [adc counts]

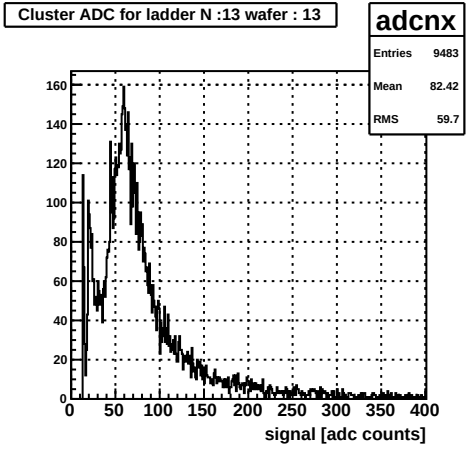

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 8406
Mean 72.4
RMS 57.01
signal [adc counts]

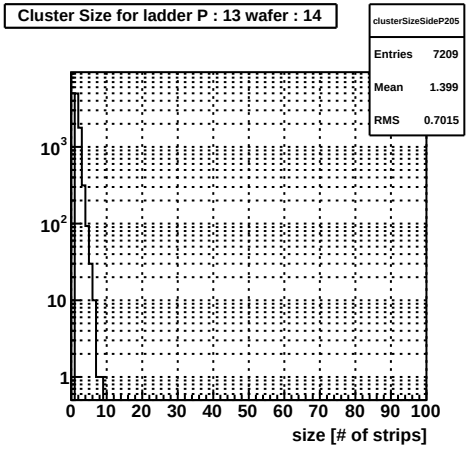

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 17
Mean 1
RMS 0
size [# of strips]

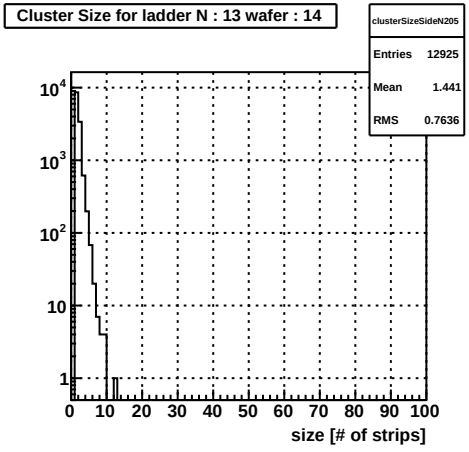

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 9483
Mean 1.586
RMS 0.7911
size [# of strips]

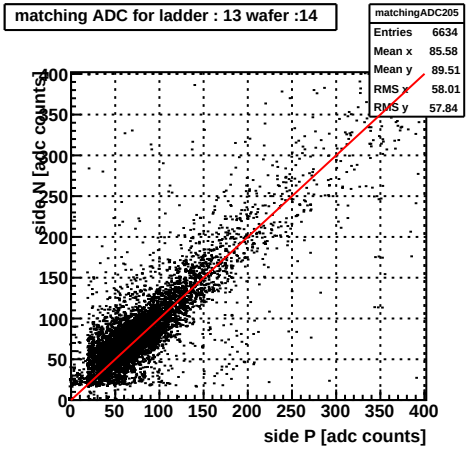

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

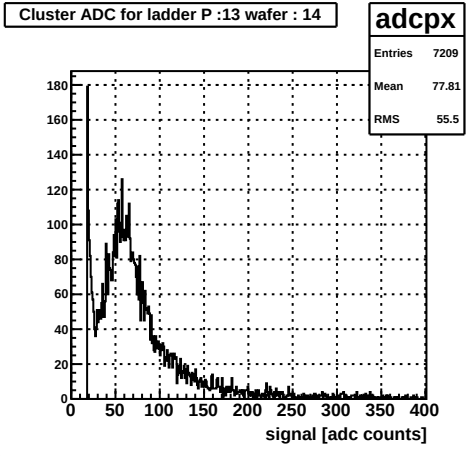

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 17
Mean 43.79
RMS 19.87
signal [adc counts]

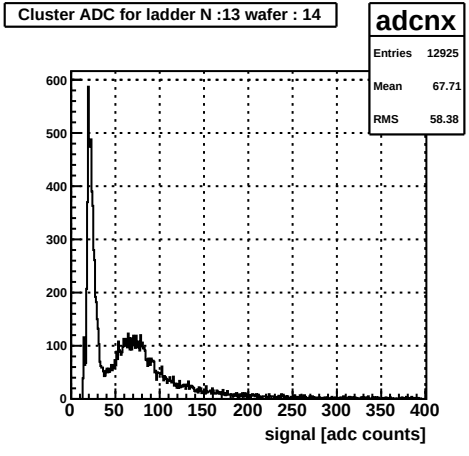

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 9483
Mean 82.42
RMS 59.7
signal [adc counts]

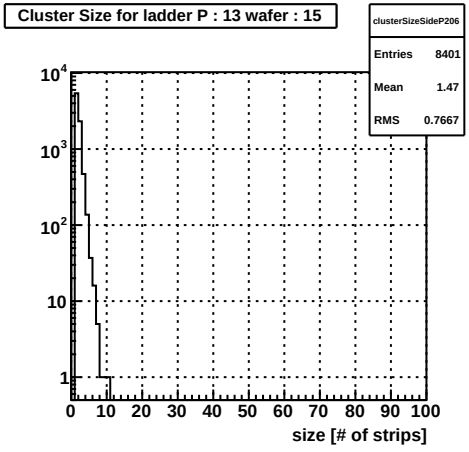

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 7209
Mean 1.399
RMS 0.7015
size [# of strips]

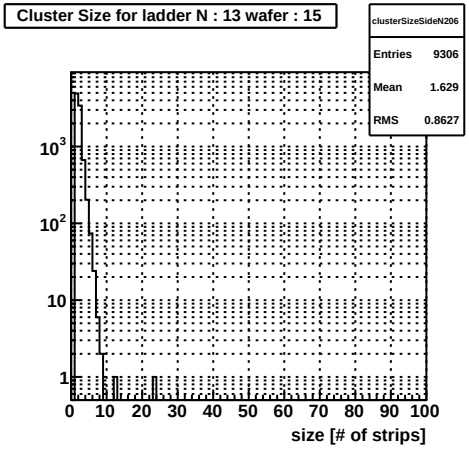

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 12925
Mean 1.441
RMS 0.7636
size [# of strips]

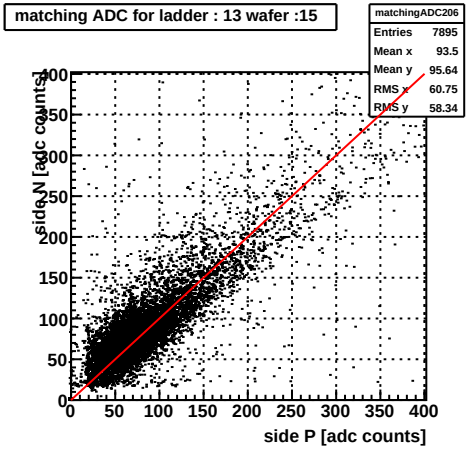

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 6634
Mean x 85.58
Mean y 89.51
RMS x 58.01
RMS y 57.84
side N [adc counts]
side P [adc counts]

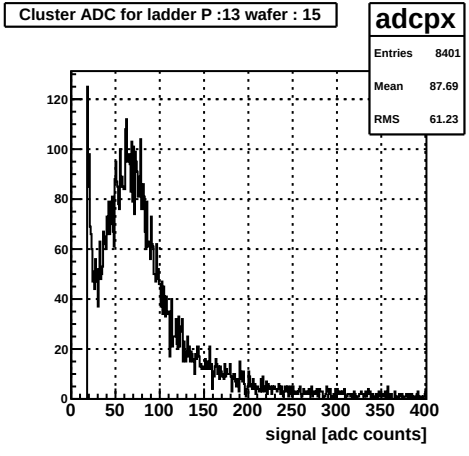

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 7209
Mean 77.81
RMS 55.5
signal [adc counts]

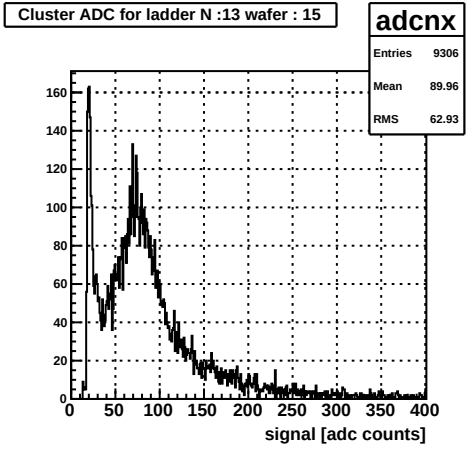

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 12925
Mean 67.71
RMS 58.38
signal [adc counts]

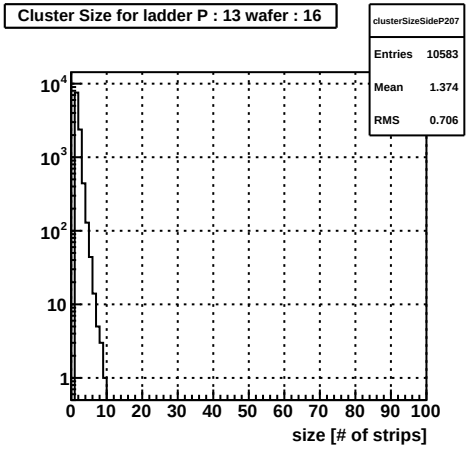

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 8401
Mean 1.47
RMS 0.7667
size [# of strips]

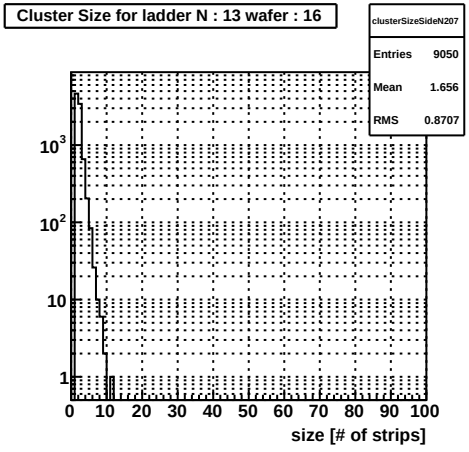

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 9306
Mean 1.629
RMS 0.8627
size [# of strips]

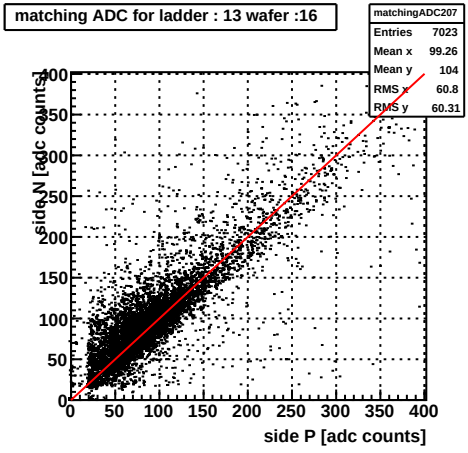

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 7895
Mean x 93.5
Mean y 95.64
RMS x 60.75
RMS y 58.34
side N [adc counts]
side P [adc counts]

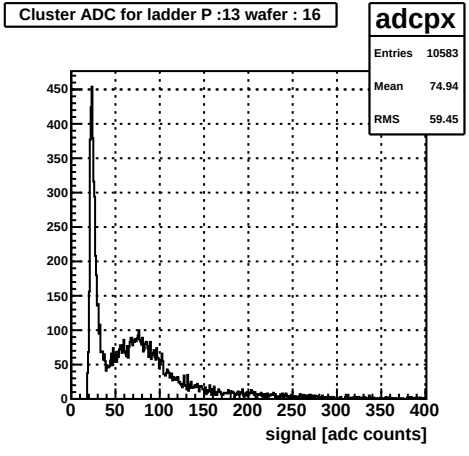

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 8401
Mean 87.69
RMS 61.23
signal [adc counts]

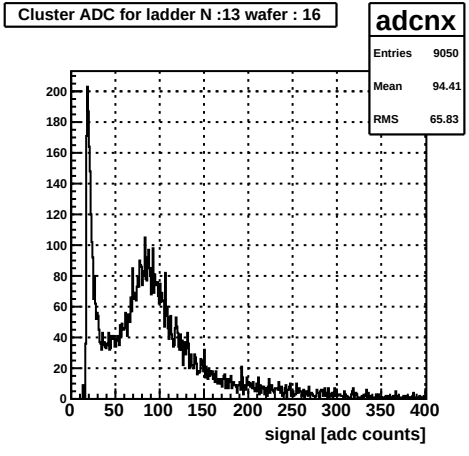

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 9306
Mean 89.96
RMS 62.93
signal [adc counts]

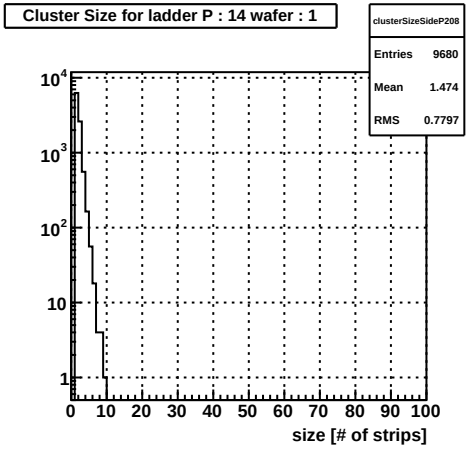

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 10583
Mean 1.374
RMS 0.706
size [# of strips]

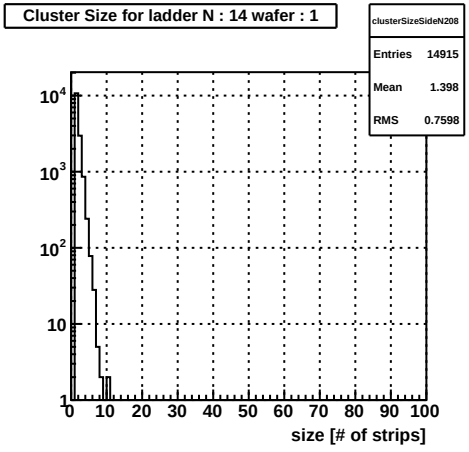

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 9050
Mean 1.656
RMS 0.8707
size [# of strips]

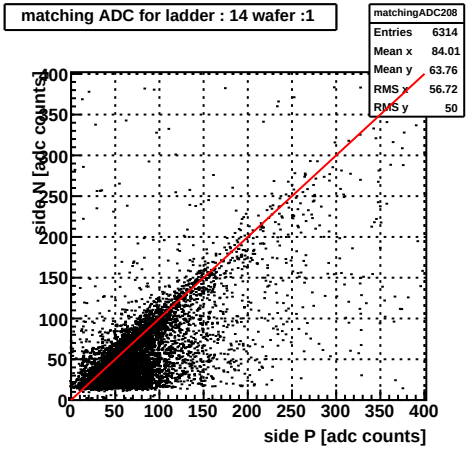

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 7023
Mean x 99.26
Mean y 104
RMS x 60.8
RMS y 60.31
side N [adc counts]
side P [adc counts]

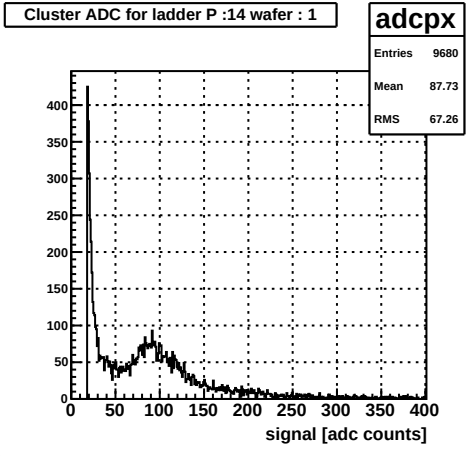

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 10583
Mean 74.94
RMS 59.45
signal [adc counts]

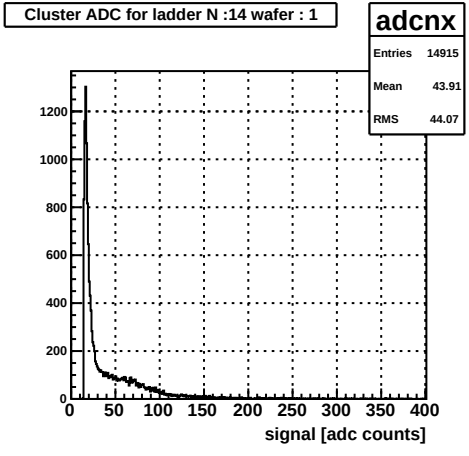

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 9050
Mean 94.41
RMS 65.83
signal [adc counts]

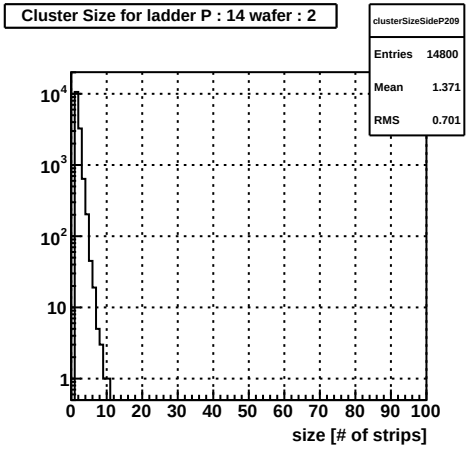

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 9680
Mean 1.474
RMS 0.7797
size [# of strips]

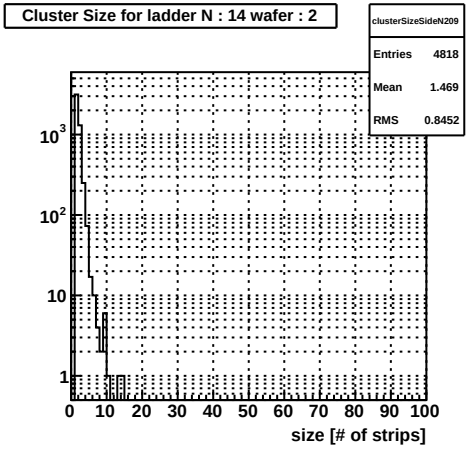

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 14915
Mean 1.398
RMS 0.7598
size [# of strips]

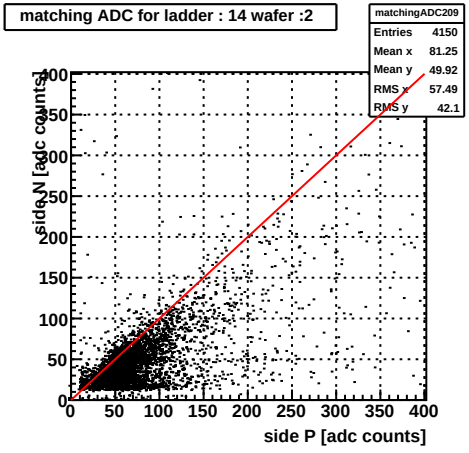

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 6314
Mean x 84.01
Mean y 63.76
RMS x 56.72
RMS y 50
side N [adc counts]
side P [adc counts]

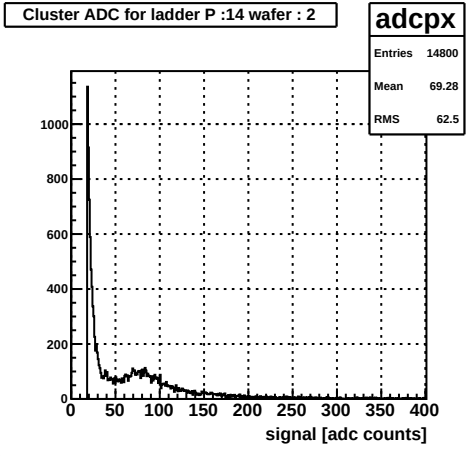

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 9680
Mean 87.73
RMS 67.26
signal [adc counts]

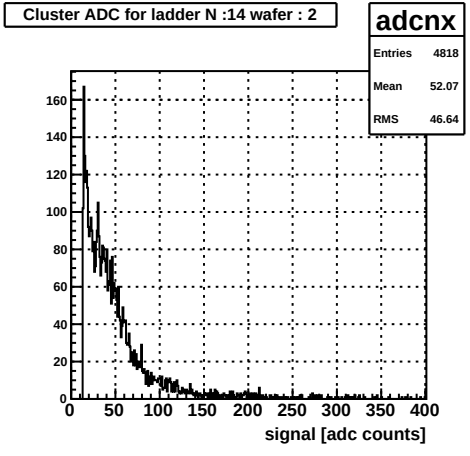

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 14915
Mean 43.91
RMS 44.07
signal [adc counts]

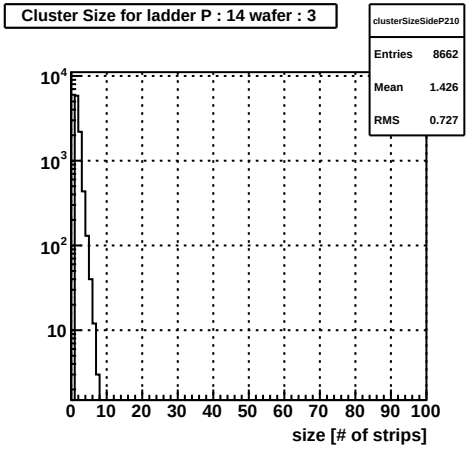

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 14800
Mean 1.371
RMS 0.701
size [# of strips]

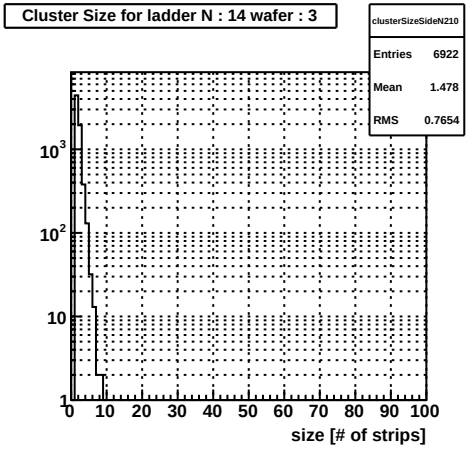

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 4818
Mean 1.469
RMS 0.8452
size [# of strips]

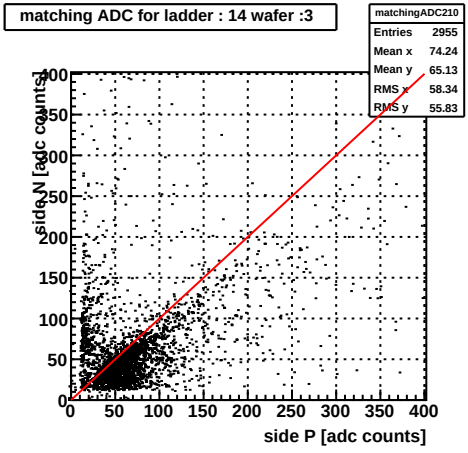

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 4150
Mean x 81.25
Mean y 49.92
RMS x 57.49
RMS y 42.1
side N [adc counts]
side P [adc counts]

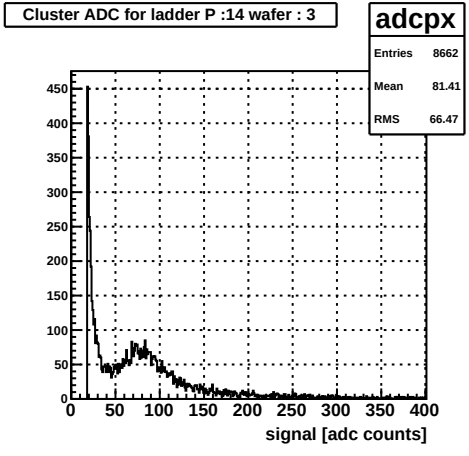

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 14800
Mean 69.28
RMS 62.5
signal [adc counts]

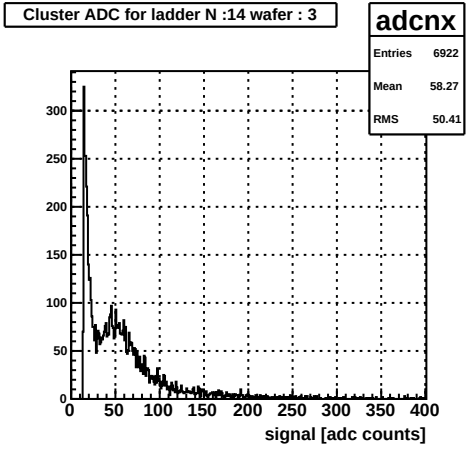

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 4818
Mean 52.07
RMS 46.64
signal [adc counts]

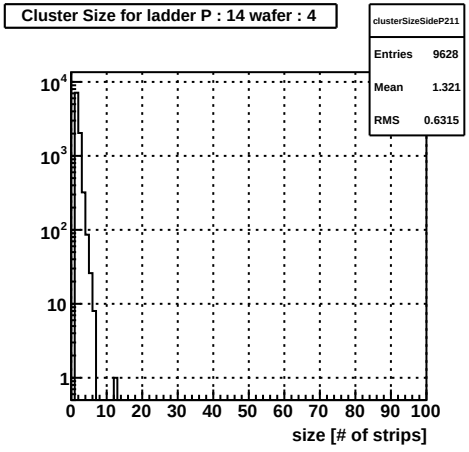

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 8662
Mean 1.426
RMS 0.727
size [# of strips]

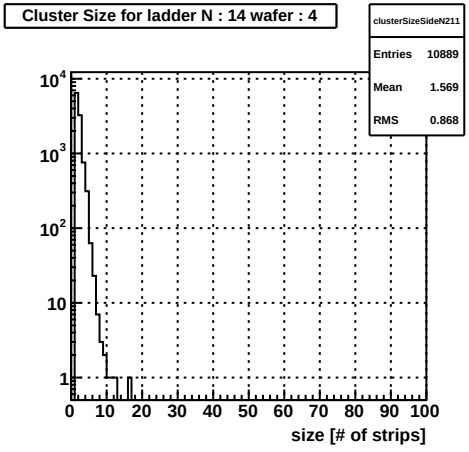

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 6922
Mean 1.478
RMS 0.7654
size [# of strips]

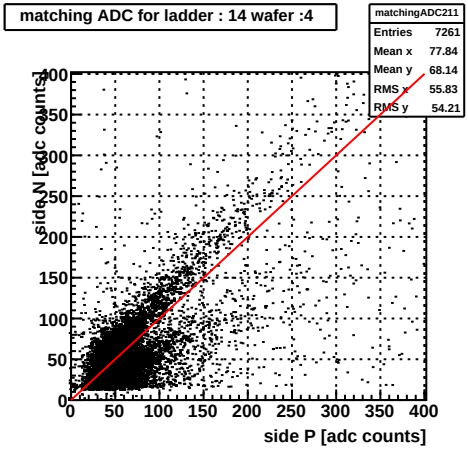

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 2955
Mean x 74.24
Mean y 65.13
RMS x 58.34
RMS y 55.83
side N [adc counts]
side P [adc counts]

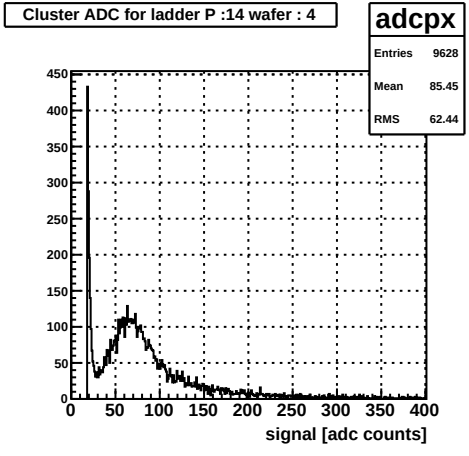

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 8662
Mean 81.41
RMS 66.47
signal [adc counts]

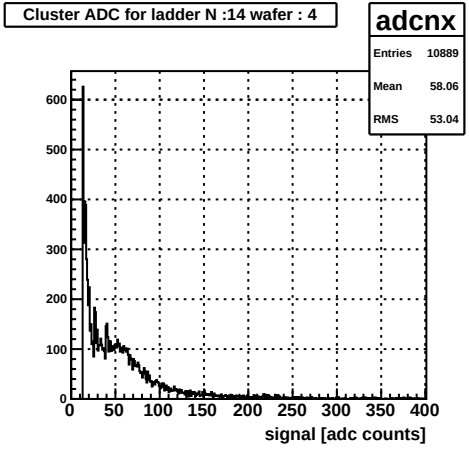

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 6922
Mean 58.27
RMS 50.41
signal [adc counts]

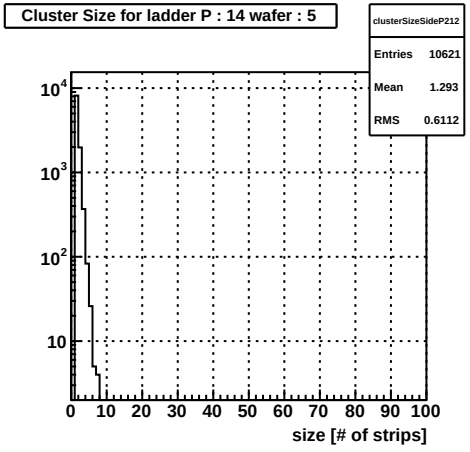

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 9628
Mean 1.321
RMS 0.6315
size [# of strips]

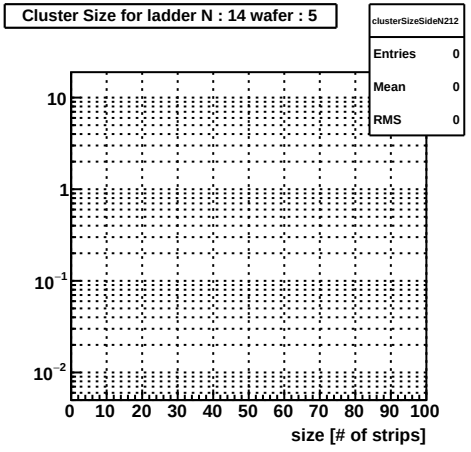

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 10889
Mean 1.569
RMS 0.868
size [# of strips]

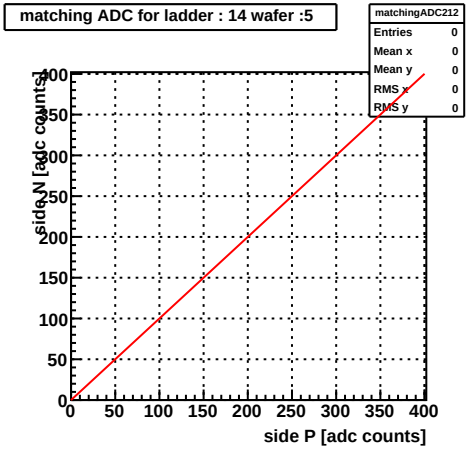

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 7261
Mean x 77.84
Mean y 68.14
RMS x 55.83
RMS y 54.21
side N [adc counts]
side P [adc counts]

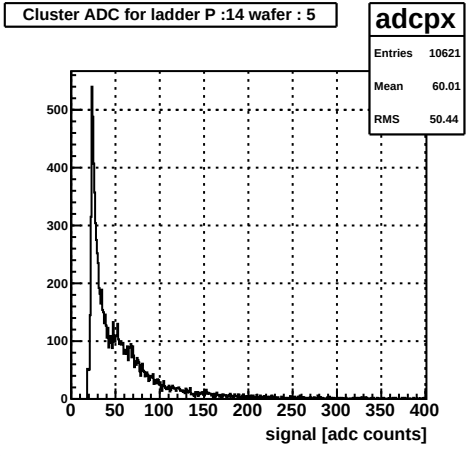

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 9628
Mean 85.45
RMS 62.44
signal [adc counts]

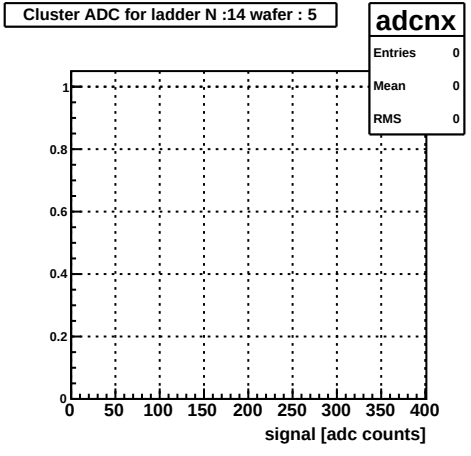

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 10889
Mean 58.06
RMS 53.04
signal [adc counts]

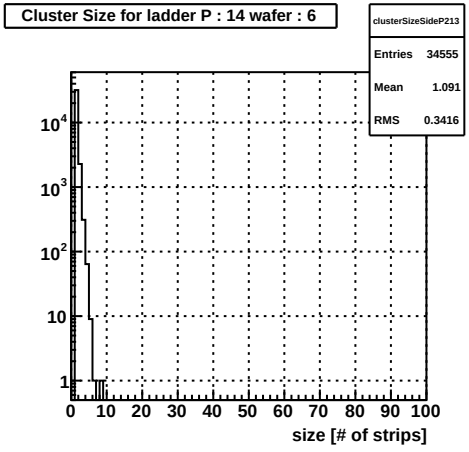

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 10621
Mean 1.293
RMS 0.6112
size [# of strips]

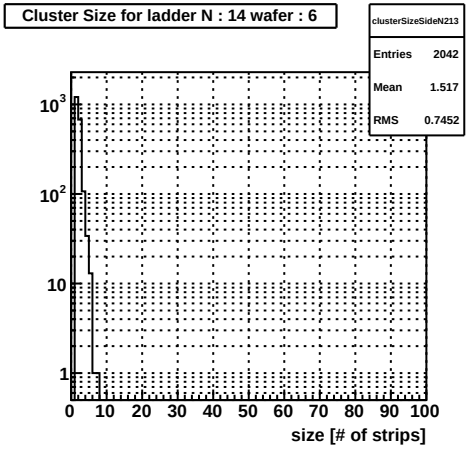

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

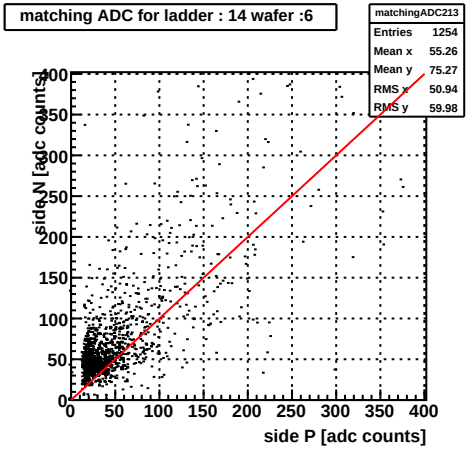

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

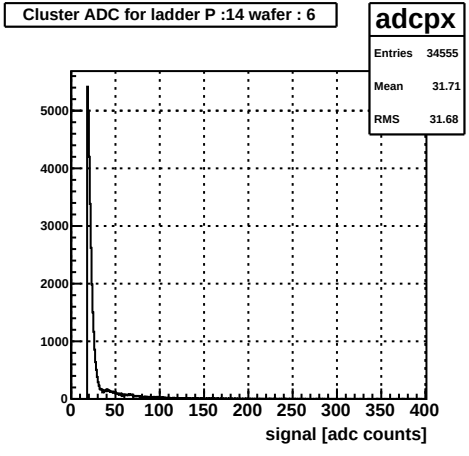

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 10621
Mean 60.01
RMS 50.44
signal [adc counts]

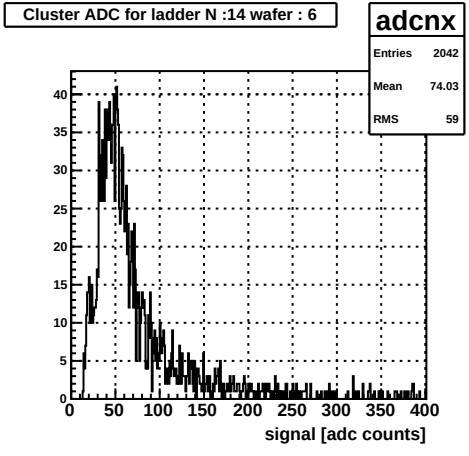

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

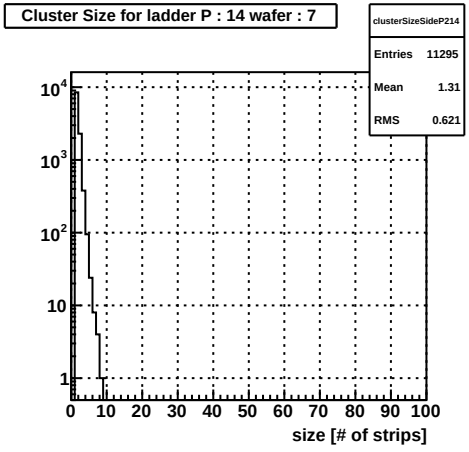

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 34555
Mean 1.091
RMS 0.3416
size [# of strips]

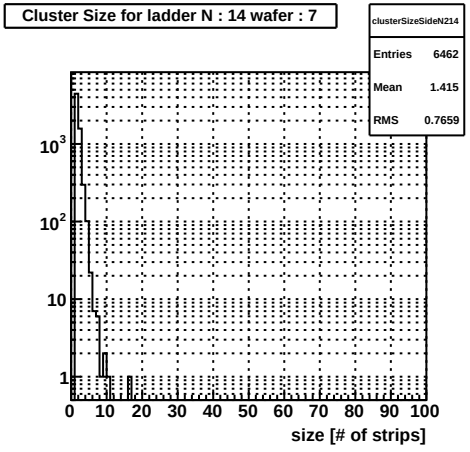

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 2042
Mean 1.517
RMS 0.7452
size [# of strips]

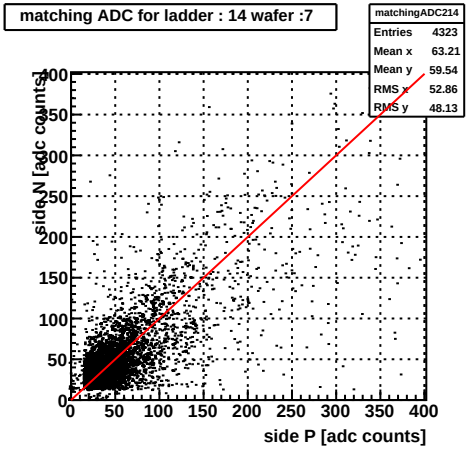

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1254
Mean x 55.26
Mean y 75.27
RMS x 50.94
RMS y 59.98
side N [adc counts]
side P [adc counts]

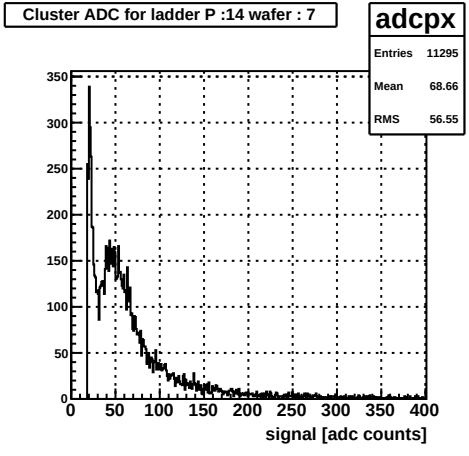

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 34555
Mean 31.71
RMS 31.68
signal [adc counts]

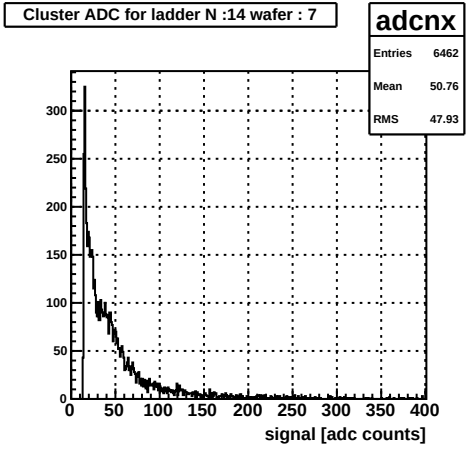

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 2042
Mean 74.03
RMS 59
signal [adc counts]

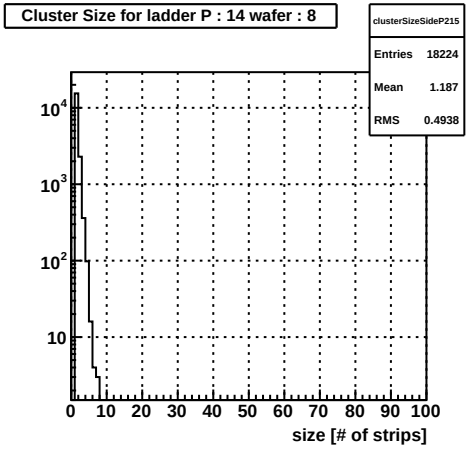

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 11295
Mean 1.31
RMS 0.621
size [# of strips]

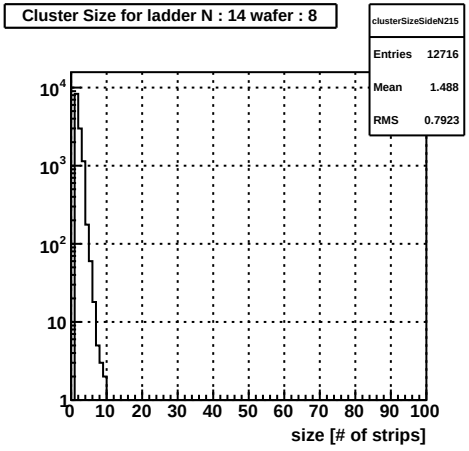

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 6462
Mean 1.415
RMS 0.7659
size [# of strips]

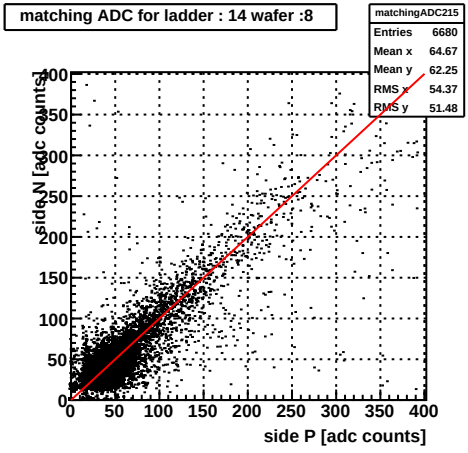

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 4323
Mean x 63.21
Mean y 59.54
RMS x 52.86
RMS y 48.13
side N [adc counts]
side P [adc counts]

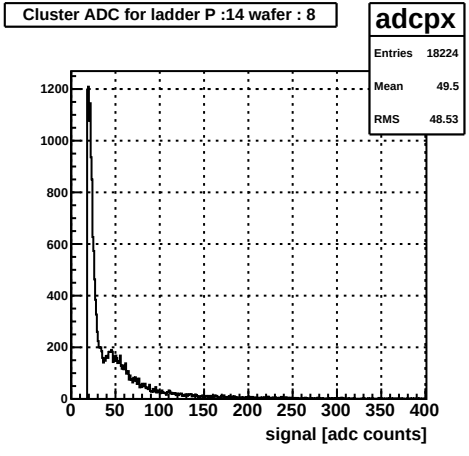

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 11295
Mean 68.66
RMS 56.55
signal [adc counts]

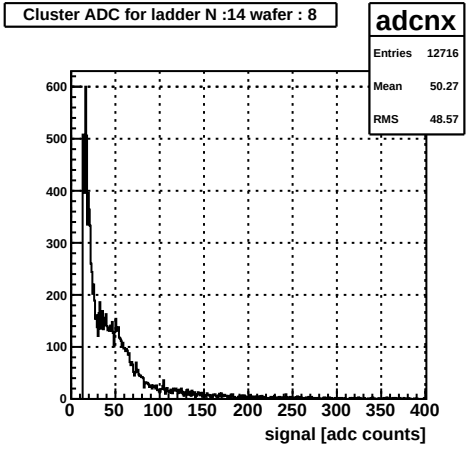

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 6462
Mean 50.76
RMS 47.93
signal [adc counts]

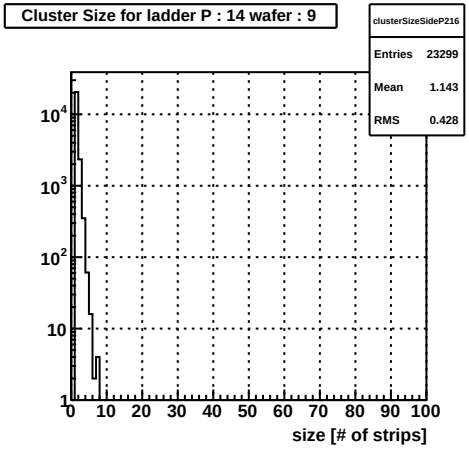

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 18224
Mean 1.187
RMS 0.4938
size [# of strips]

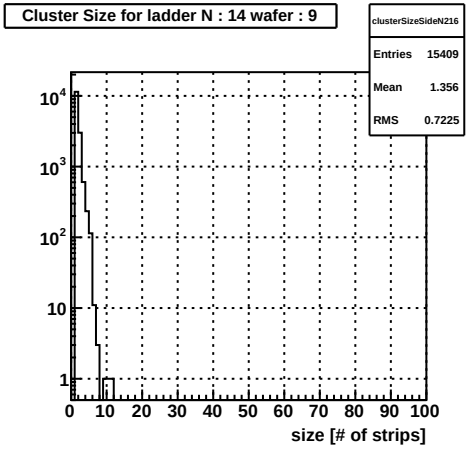

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 12716
Mean 1.488
RMS 0.7923
size [# of strips]

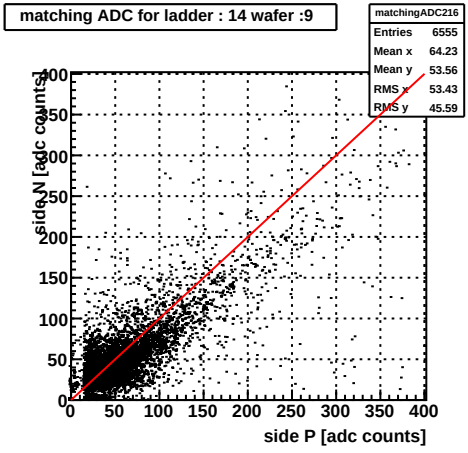

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 6680
Mean x 64.67
Mean y 62.25
RMS x 54.37
RMS y 51.48
side N [adc counts]
side P [adc counts]

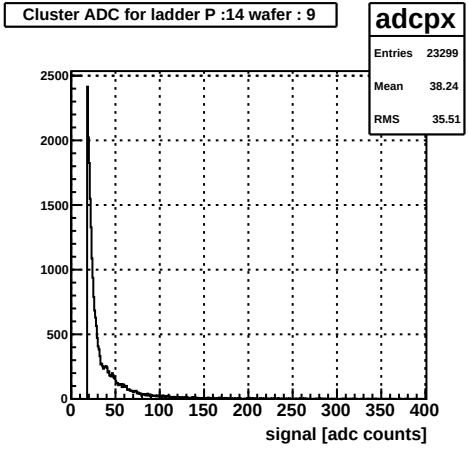

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 18224
Mean 49.5
RMS 48.53
signal [adc counts]

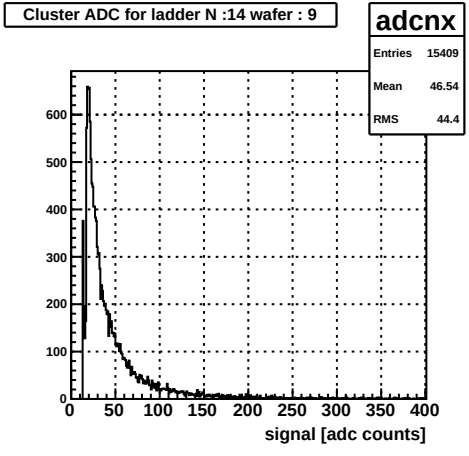

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 12716
Mean 50.27
RMS 48.57
signal [adc counts]

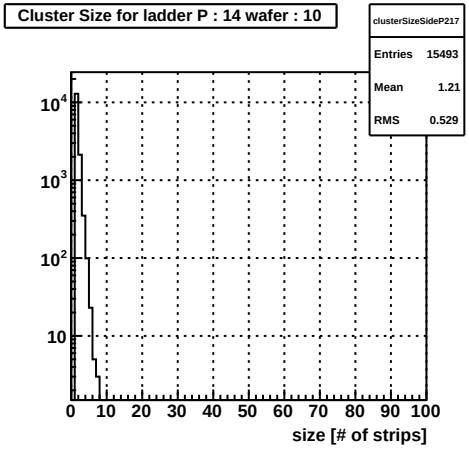

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 23299
Mean 1.143
RMS 0.428
size [# of strips]

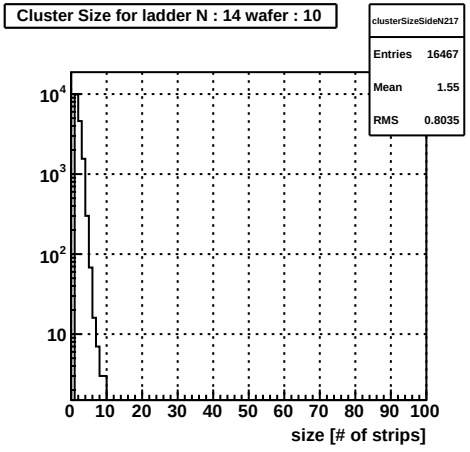

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 15409
Mean 1.356
RMS 0.7225
size [# of strips]

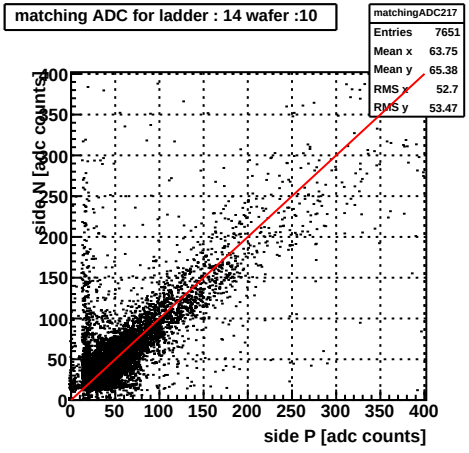

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 6555
Mean x 64.23
Mean y 53.56
RMS x 53.43
RMS y 45.59
side N [adc counts]
side P [adc counts]

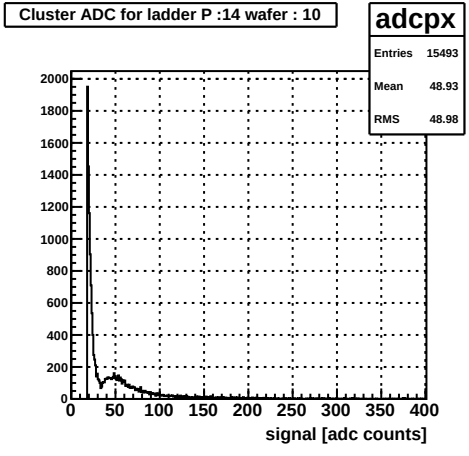

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 23299
Mean 38.24
RMS 35.51
signal [adc counts]

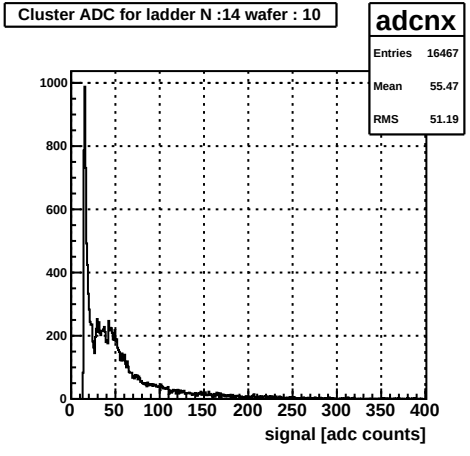

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 15409
Mean 46.54
RMS 44.4
signal [adc counts]

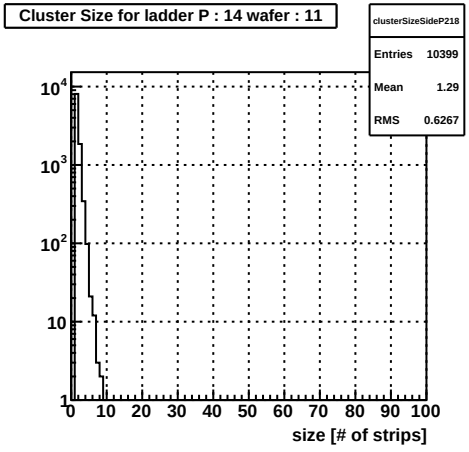

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 15493
Mean 1.21
RMS 0.529
size [# of strips]

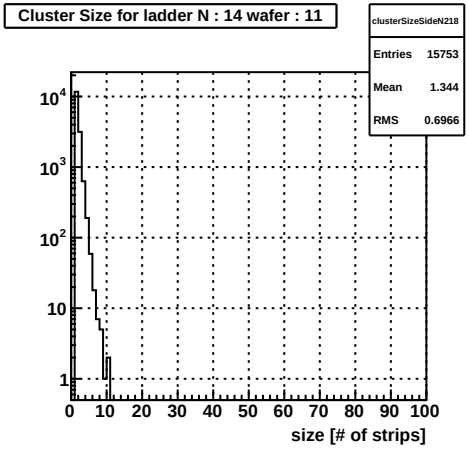

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 16467
Mean 1.55
RMS 0.8035
size [# of strips]

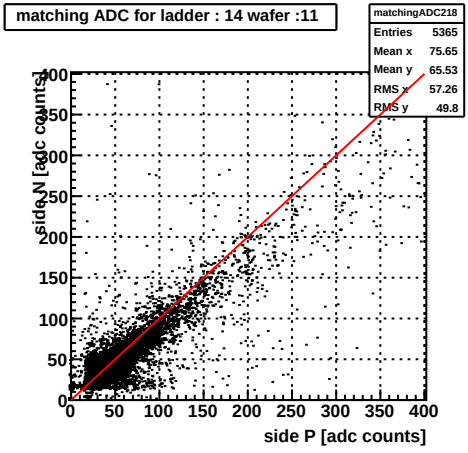

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 7651
Mean x 63.75
Mean y 65.38
RMS x 52.7
RMS y 53.47
side N [adc counts]
side P [adc counts]

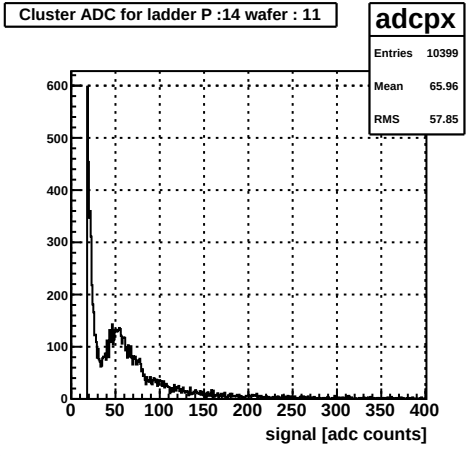

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 15493
Mean 48.93
RMS 48.98
signal [adc counts]

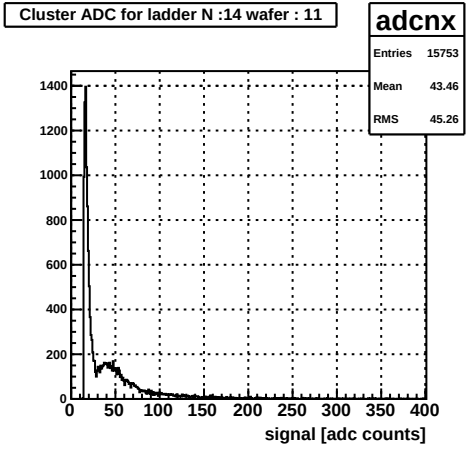

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 16467
Mean 55.47
RMS 51.19
signal [adc counts]

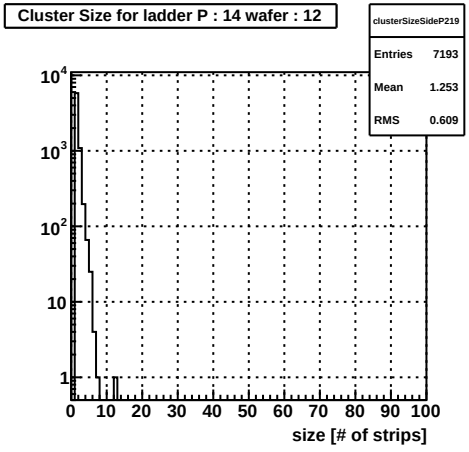

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 10399
Mean 1.29
RMS 0.6267
size [# of strips]

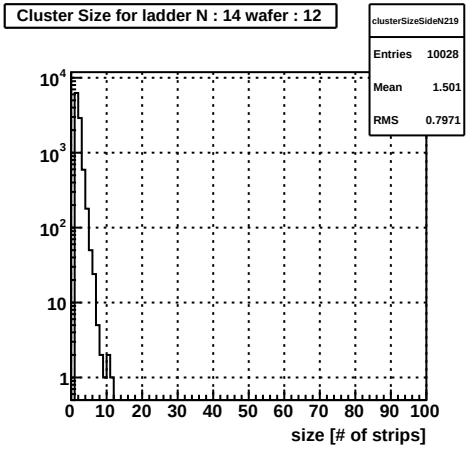

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 15753
Mean 1.344
RMS 0.6966
size [# of strips]

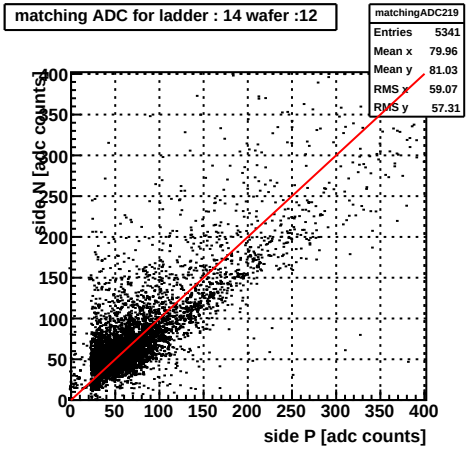

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 5365
Mean x 75.65
Mean y 65.53
RMS x 57.26
RMS y 49.8
side N [adc counts]
side P [adc counts]

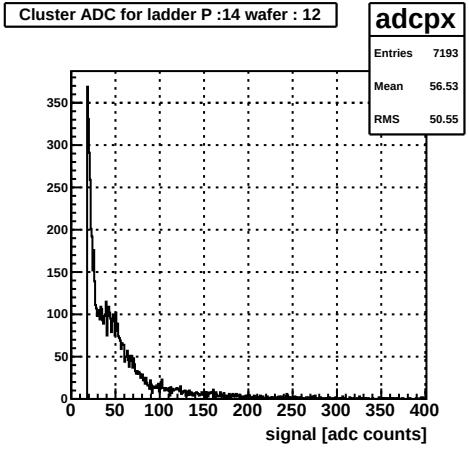

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 10399
Mean 65.96
RMS 57.85
signal [adc counts]

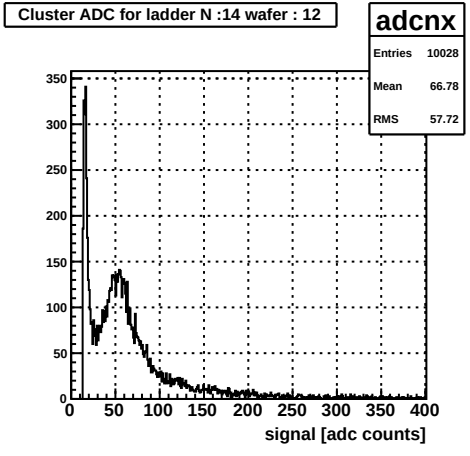

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 15753
Mean 43.46
RMS 45.26
signal [adc counts]

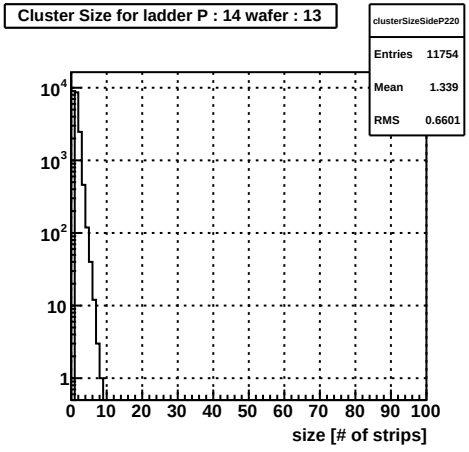

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 7193
Mean 1.253
RMS 0.609
size [# of strips]

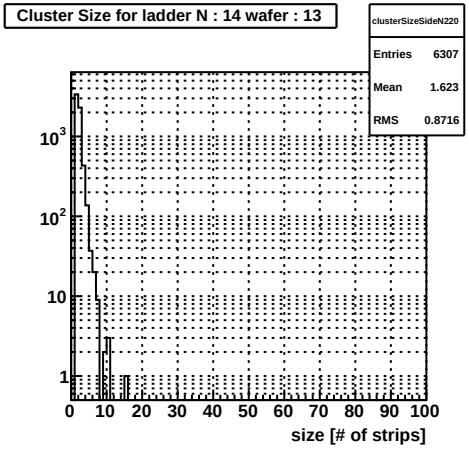

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 10028
Mean 1.501
RMS 0.7971
size [# of strips]

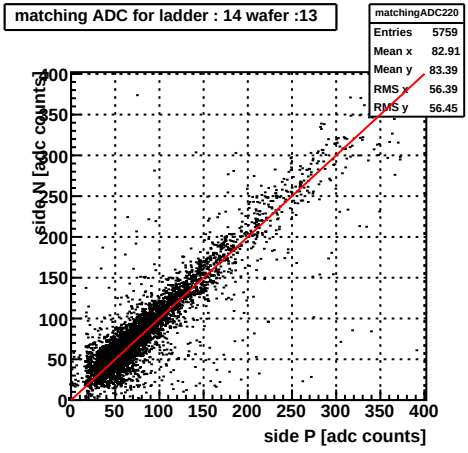

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 5341
Mean x 79.96
Mean y 81.03
RMS x 59.07
RMS y 57.31
side N [adc counts]
side P [adc counts]

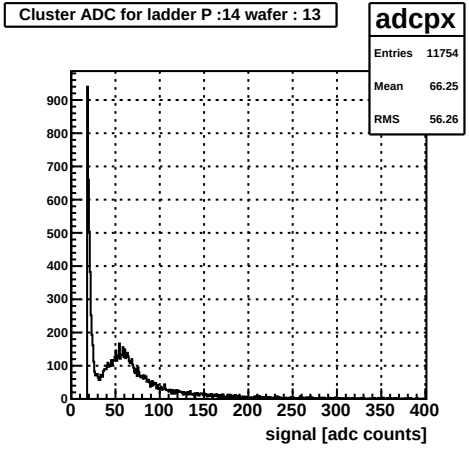

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 7193
Mean 56.53
RMS 50.55
signal [adc counts]

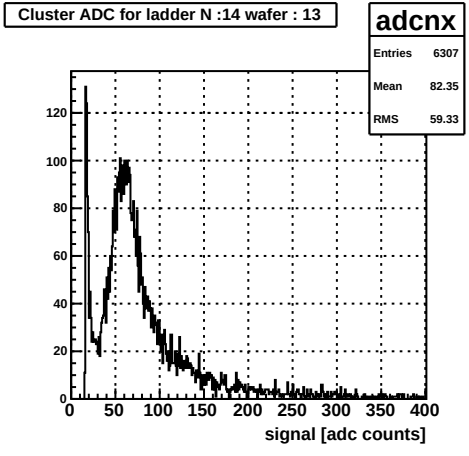

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 10028
Mean 66.78
RMS 57.72
signal [adc counts]

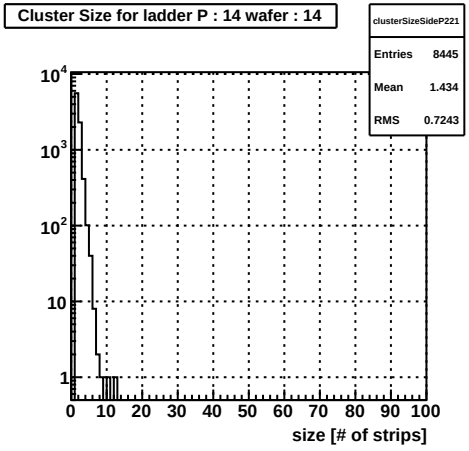

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 11754
Mean 1.339
RMS 0.6601
size [# of strips]

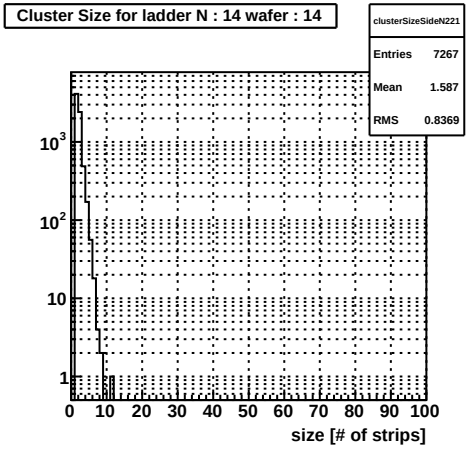

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 6307
Mean 1.623
RMS 0.8716
size [# of strips]

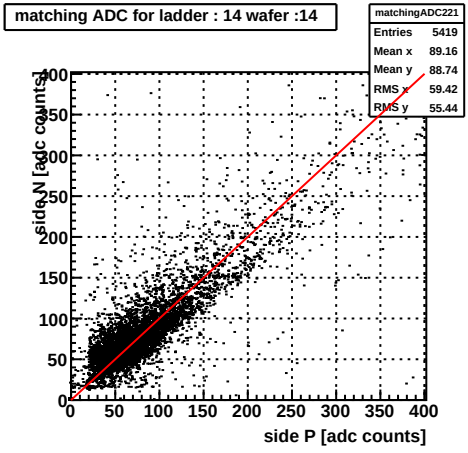

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 5759
Mean x 82.91
Mean y 83.39
RMS x 56.39
RMS y 56.45
side N [adc counts]
side P [adc counts]

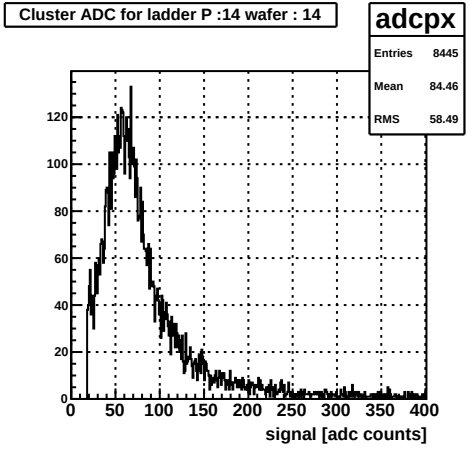

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 11754
Mean 66.25
RMS 56.26
signal [adc counts]

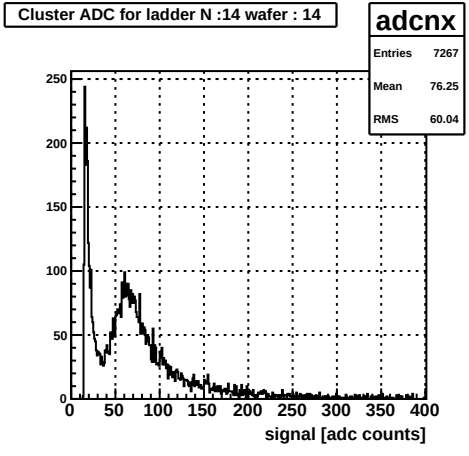

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 6307
Mean 82.35
RMS 59.33
signal [adc counts]

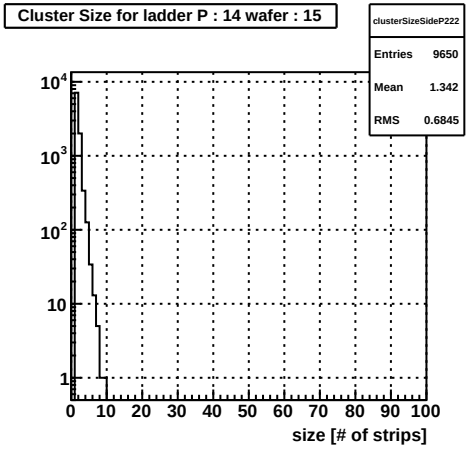

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 8445
Mean 1.434
RMS 0.7243
size [# of strips]

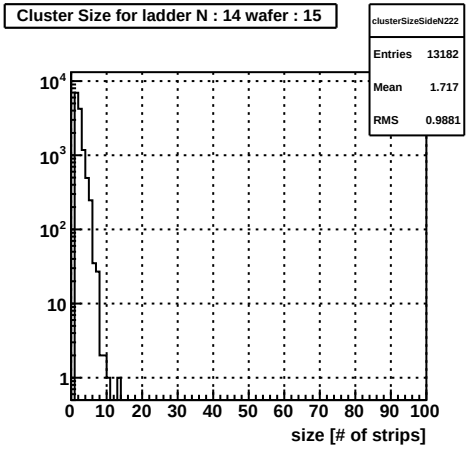

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 7267
Mean 1.587
RMS 0.8369
size [# of strips]

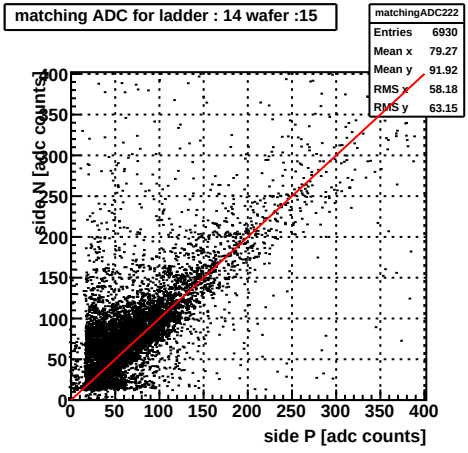

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 5419
Mean x 89.16
Mean y 88.74
RMS x 59.42
RMS y 55.44
side N [adc counts]
side P [adc counts]

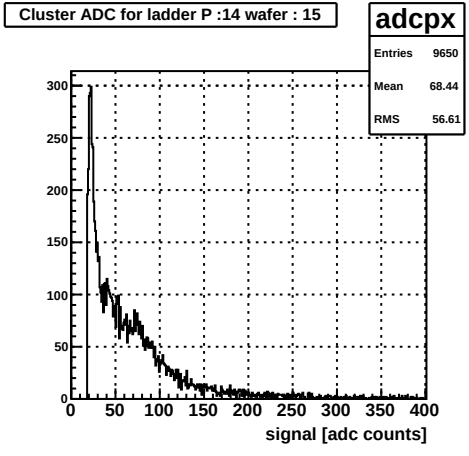

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 8445
Mean 84.46
RMS 58.49
signal [adc counts]

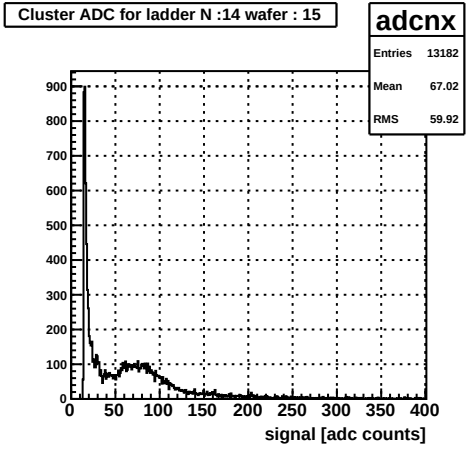

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 7267
Mean 76.25
RMS 60.04
signal [adc counts]

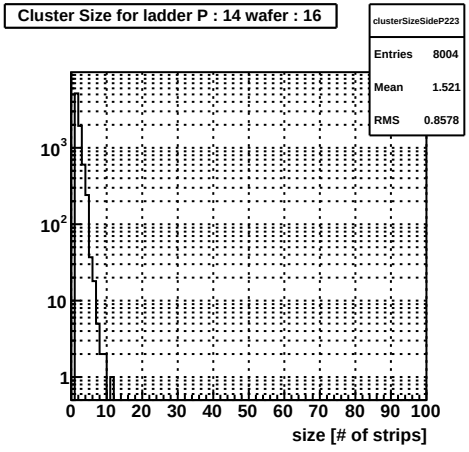

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 9650
Mean 1.342
RMS 0.6845
size [# of strips]

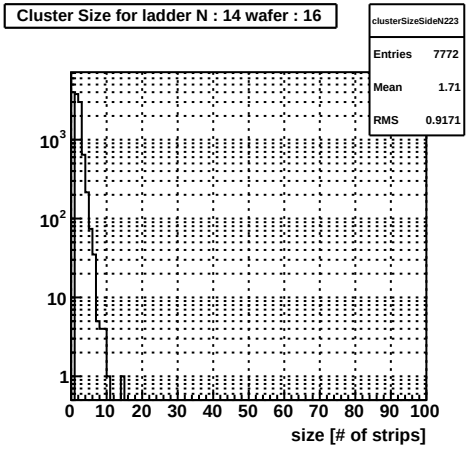

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 13182
Mean 1.717
RMS 0.9881
size [# of strips]

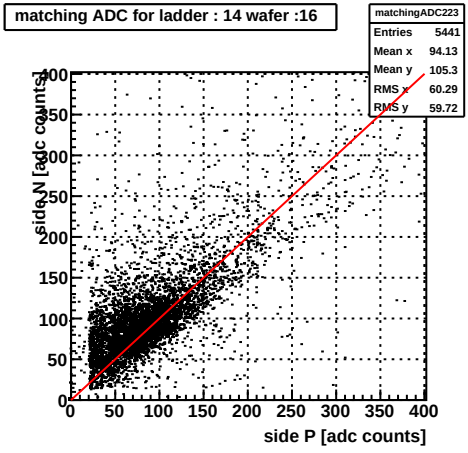

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 6930
Mean x 79.27
Mean y 91.92
RMS x 58.18
RMS y 63.15
side N [adc counts]
side P [adc counts]

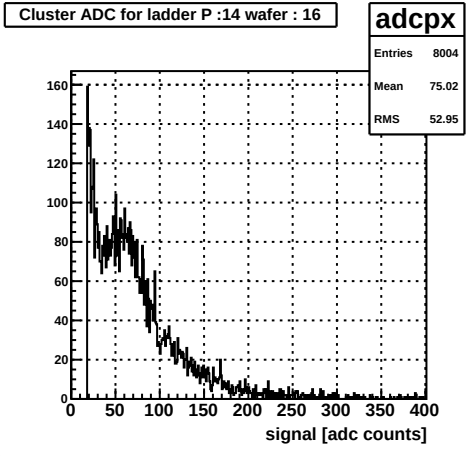

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 9650
Mean 68.44
RMS 56.61
signal [adc counts]

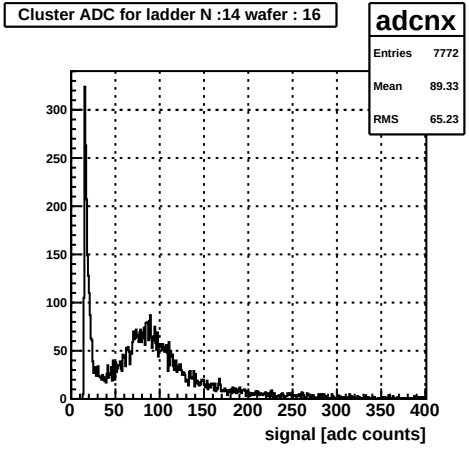

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 13182
Mean 67.02
RMS 59.92
signal [adc counts]

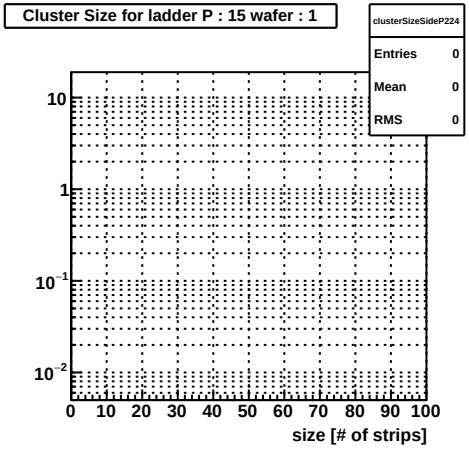

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 8004
Mean 1.521
RMS 0.8578
size [# of strips]

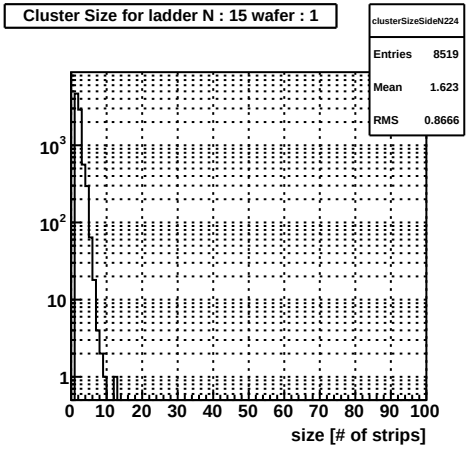

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 7772
Mean 1.71
RMS 0.9171
size [# of strips]

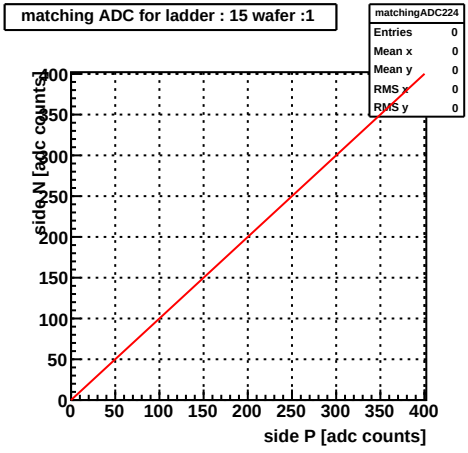

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 5441
Mean x 94.13
Mean y 105.3
RMS x 60.29
RMS y 59.72
side N [adc counts]
side P [adc counts]

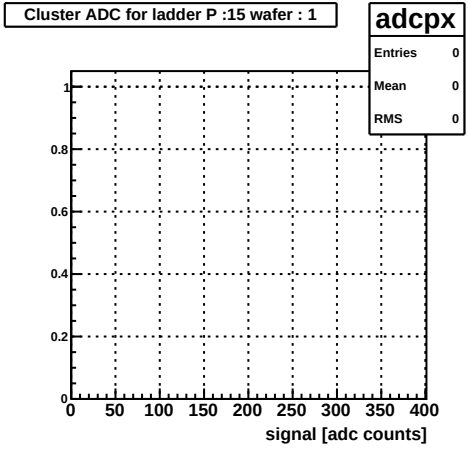

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 8004
Mean 75.02
RMS 52.95
signal [adc counts]

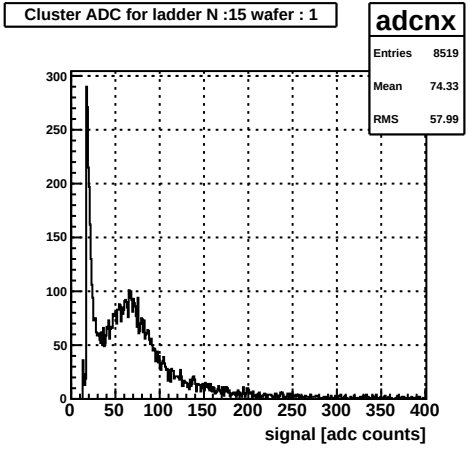

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 7772
Mean 89.33
RMS 65.23
signal [adc counts]

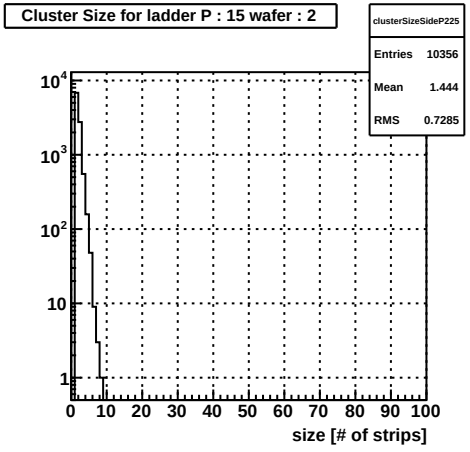

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

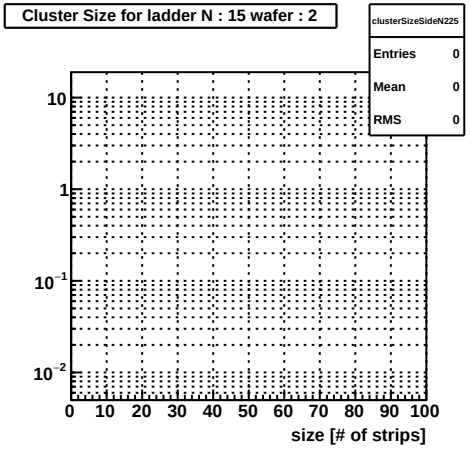

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 8519
Mean 1.623
RMS 0.8666
size [# of strips]

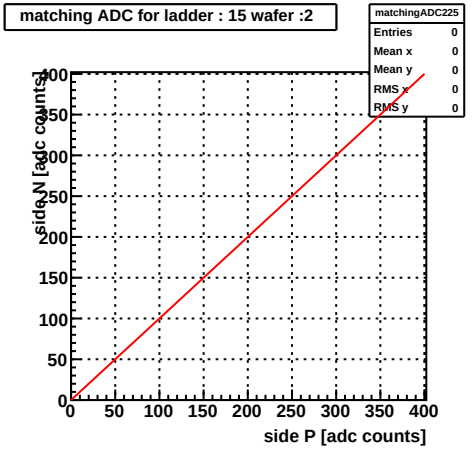

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

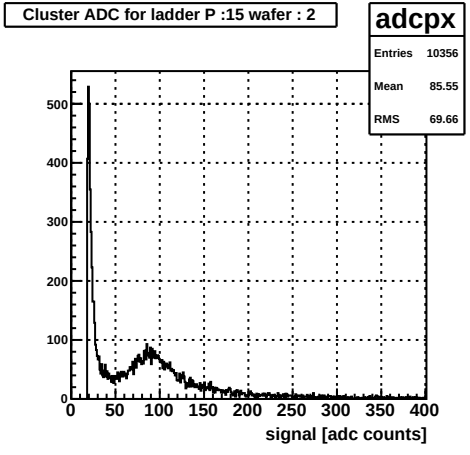

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

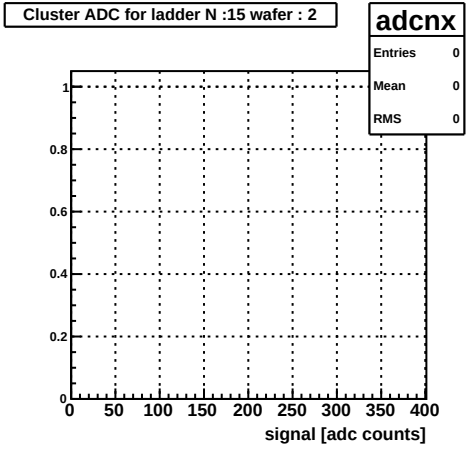

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 8519
Mean 74.33
RMS 57.99
signal [adc counts]

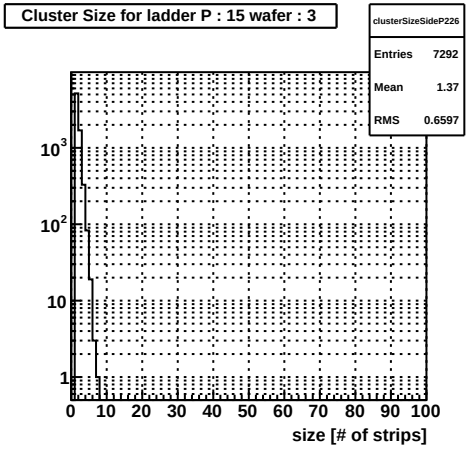

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 10356
Mean 1.444
RMS 0.7285
size [# of strips]

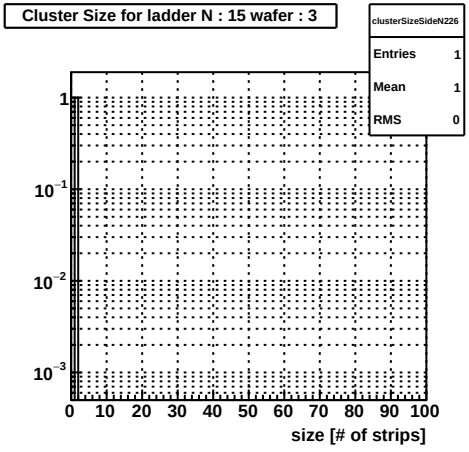

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

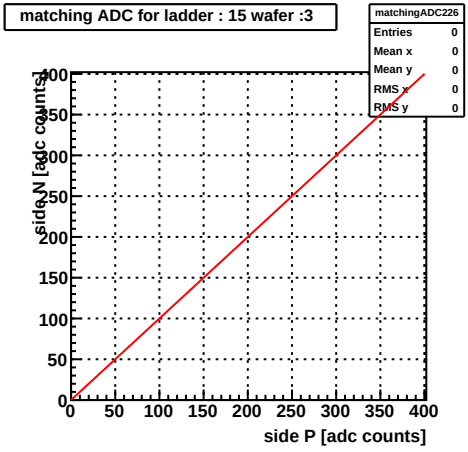

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

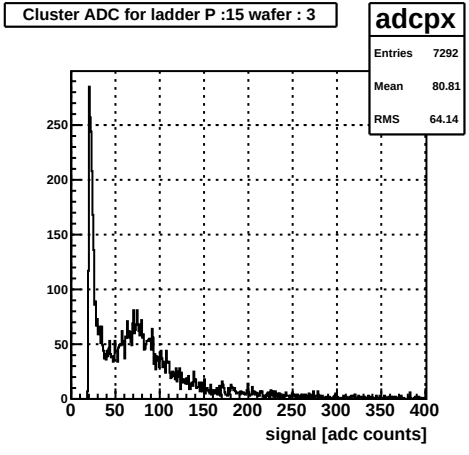

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 10356
Mean 85.55
RMS 69.66
signal [adc counts]

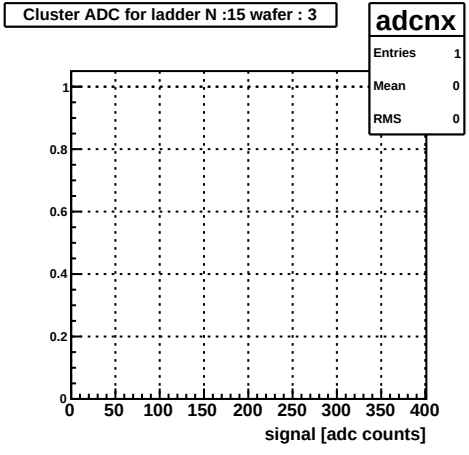

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

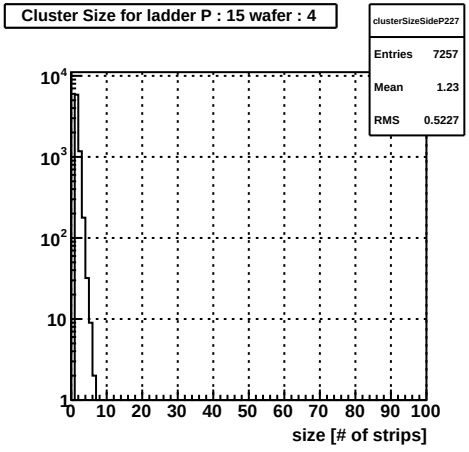

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 7292
Mean 1.37
RMS 0.6597
size [# of strips]

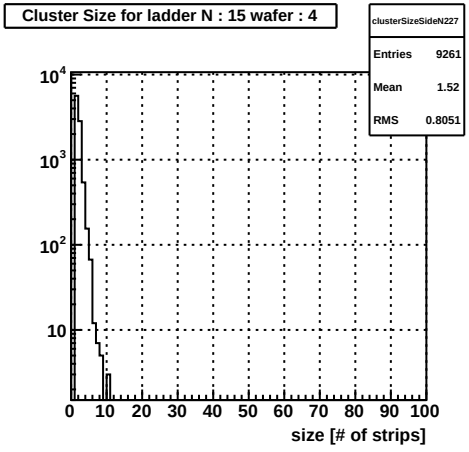

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 1
Mean 1
RMS 0
size [# of strips]

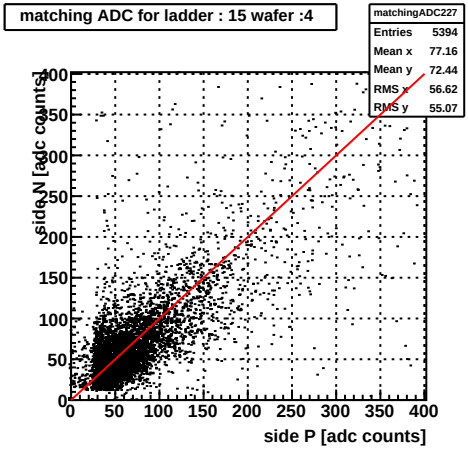

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

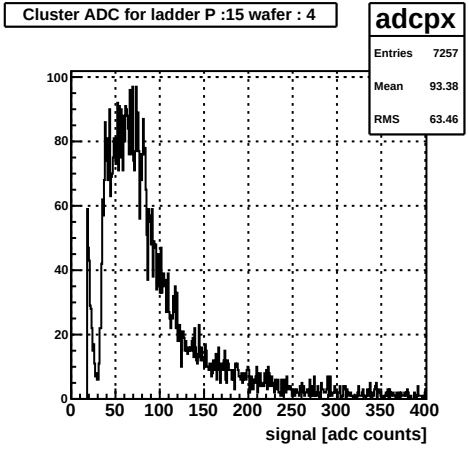

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 7292
Mean 80.81
RMS 64.14
signal [adc counts]

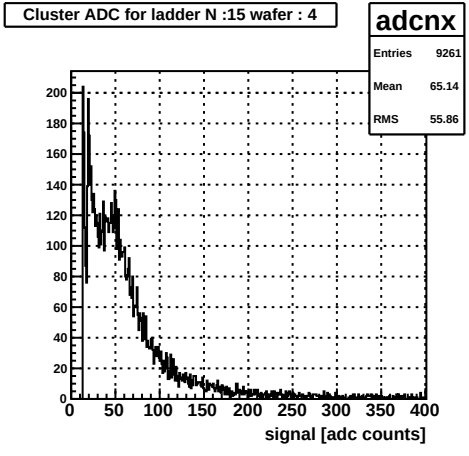

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

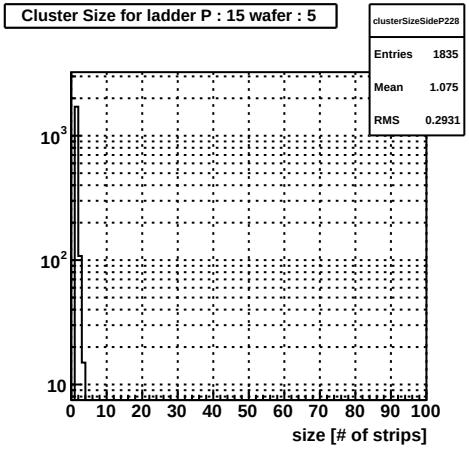

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 7257
Mean 1.23
RMS 0.5227
size [# of strips]

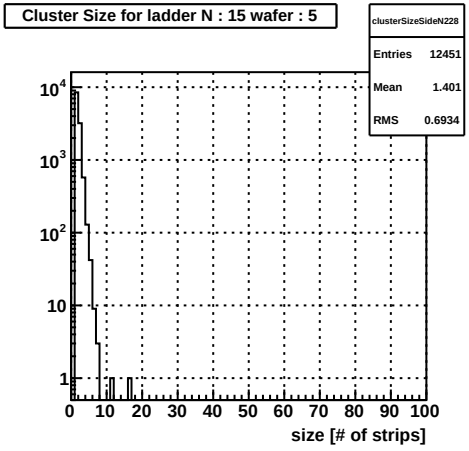

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 9261
Mean 1.52
RMS 0.8051
size [# of strips]

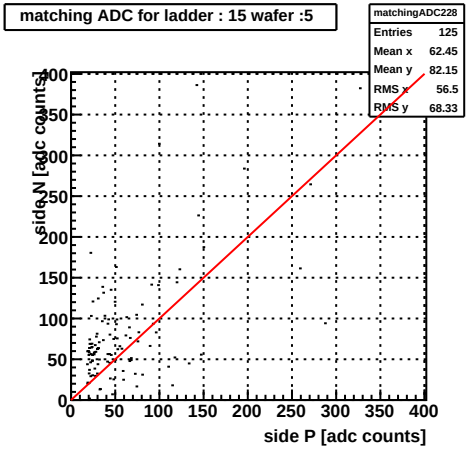

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 5394
Mean x 77.16
Mean y 72.44
RMS x 56.62
RMS y 55.07
side N [adc counts]
side P [adc counts]

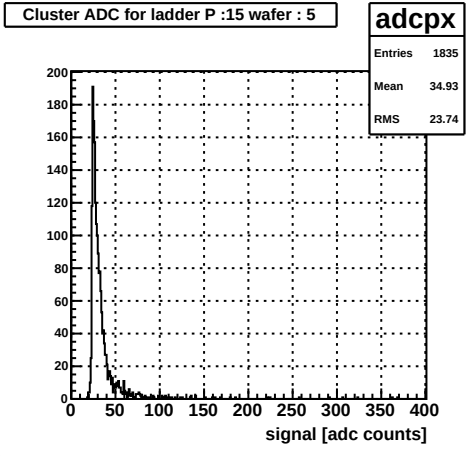

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 7257
Mean 93.38
RMS 63.46
signal [adc counts]

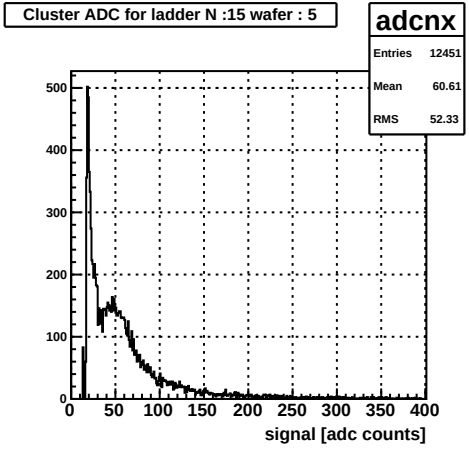

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 9261
Mean 65.14
RMS 55.86
signal [adc counts]

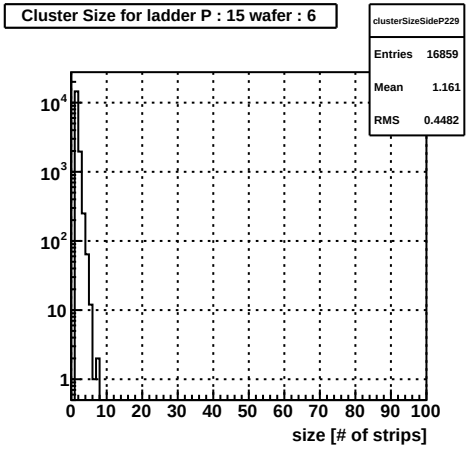

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1835
Mean 1.075
RMS 0.2931
size [# of strips]

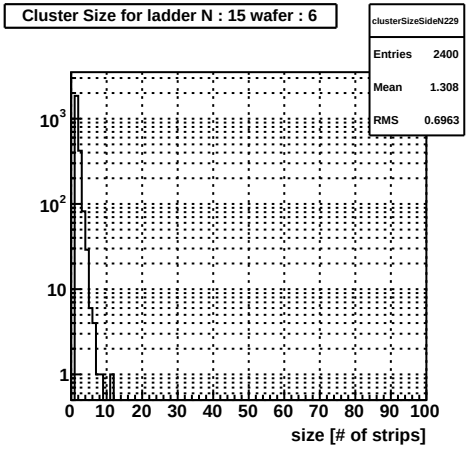

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 12451
Mean 1.401
RMS 0.6934
size [# of strips]

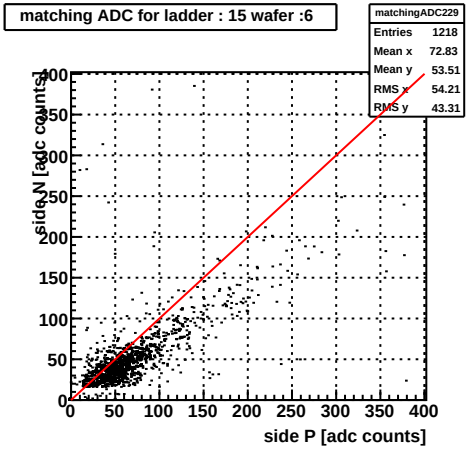

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 125
Mean x 62.45
Mean y 82.15
RMS x 56.5
RMS y 68.33
side N [adc counts]
side P [adc counts]

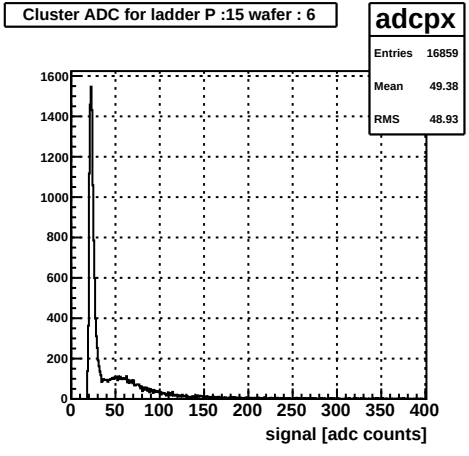

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1835
Mean 34.93
RMS 23.74
signal [adc counts]

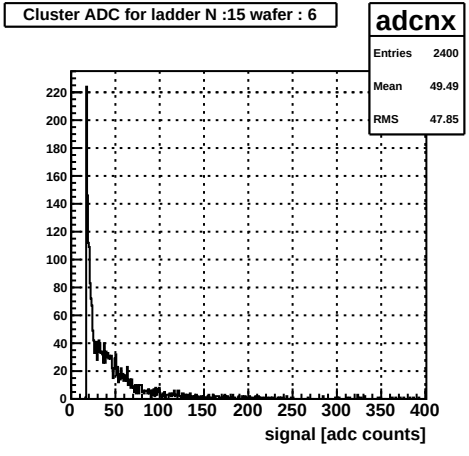

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 12451
Mean 60.61
RMS 52.33
signal [adc counts]

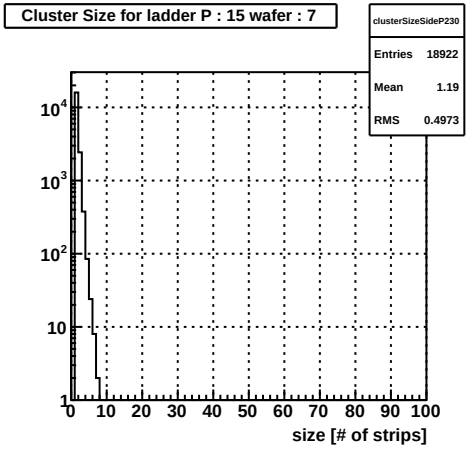

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 16859
Mean 1.161
RMS 0.4482
size [# of strips]

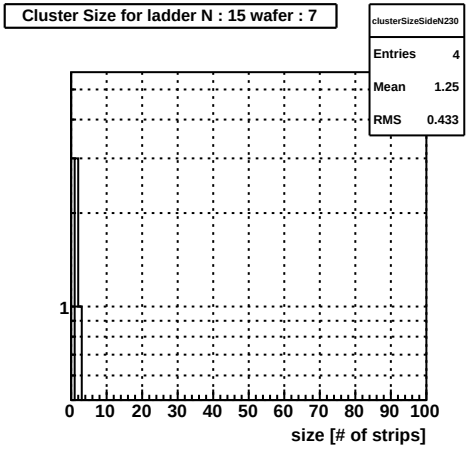

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 2400
Mean 1.308
RMS 0.6963
size [# of strips]

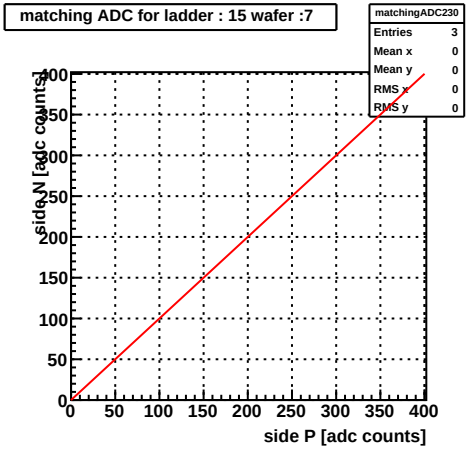

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 1218
Mean x 72.83
Mean y 53.51
RMS x 54.21
RMS y 43.31
side N [adc counts]
side P [adc counts]

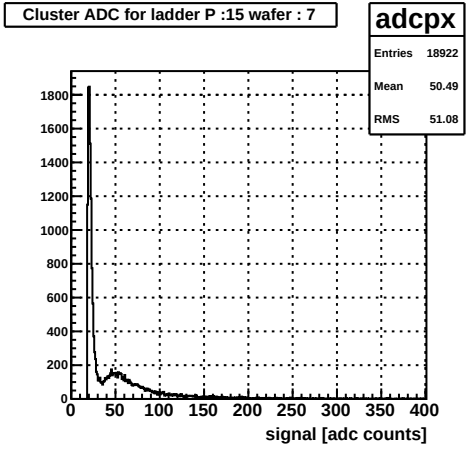

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 16859
Mean 49.38
RMS 48.93
signal [adc counts]

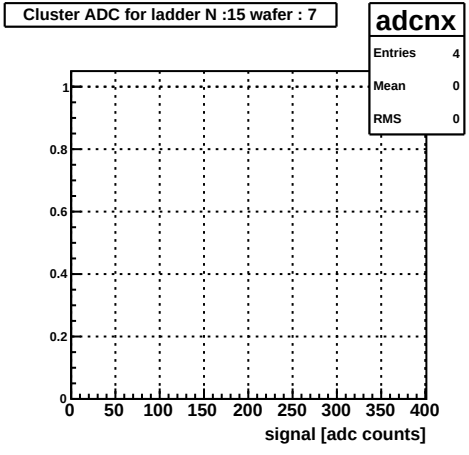

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 2400
Mean 49.49
RMS 47.85
signal [adc counts]

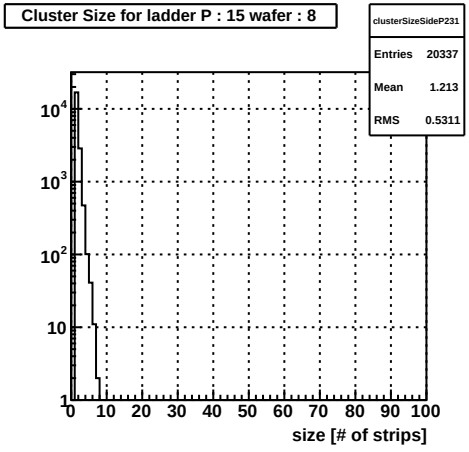

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 18922
Mean 1.19
RMS 0.4973
size [# of strips]

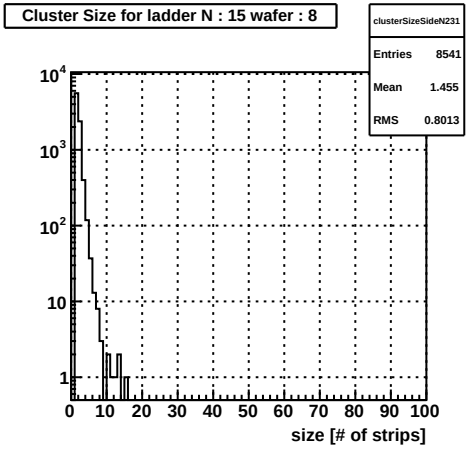

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 4
Mean 1.25
RMS 0.433
size [# of strips]

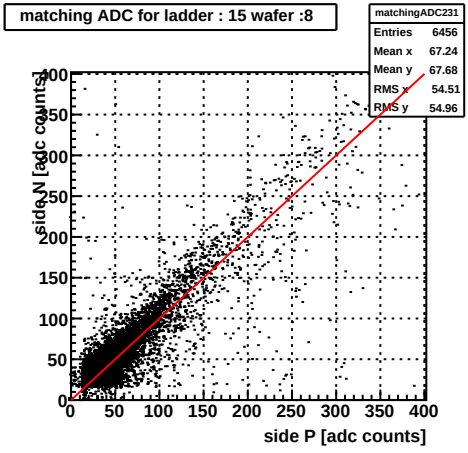

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

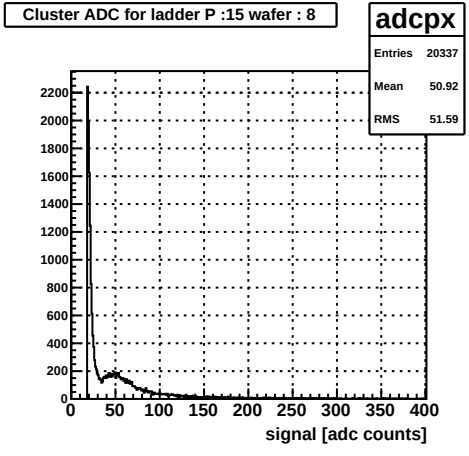

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 18922
Mean 50.49
RMS 51.08
signal [adc counts]

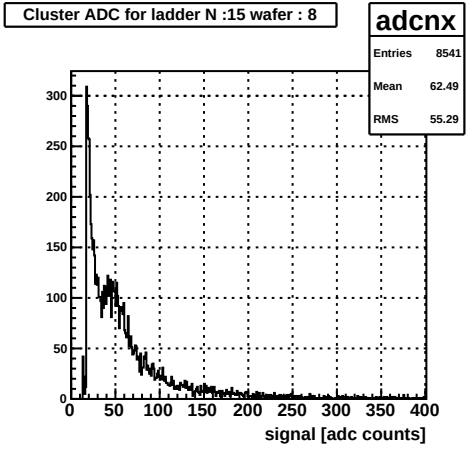

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 4
Mean 0
RMS 0
signal [adc counts]

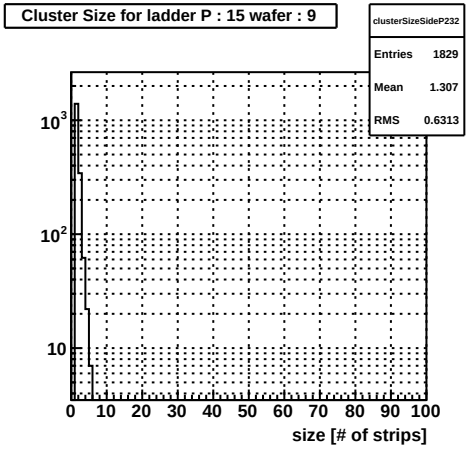

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 20337
Mean 1.213
RMS 0.5311
size [# of strips]

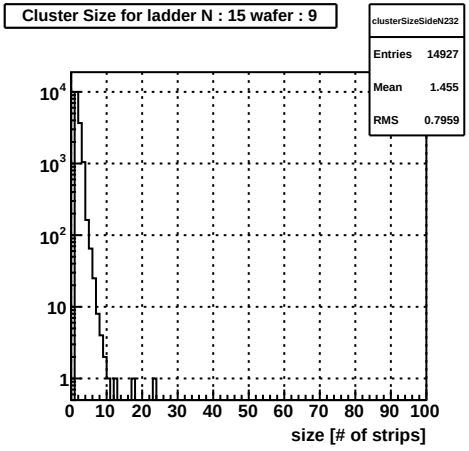

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 8541
Mean 1.455
RMS 0.8013
size [# of strips]

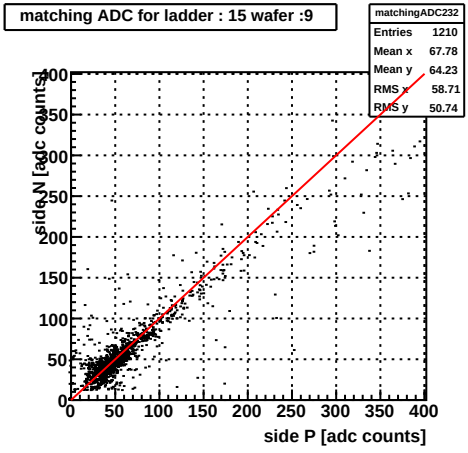

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 6456
Mean x 67.24
Mean y 67.68
RMS x 54.51
RMS y 54.96
side N [adc counts]
side P [adc counts]

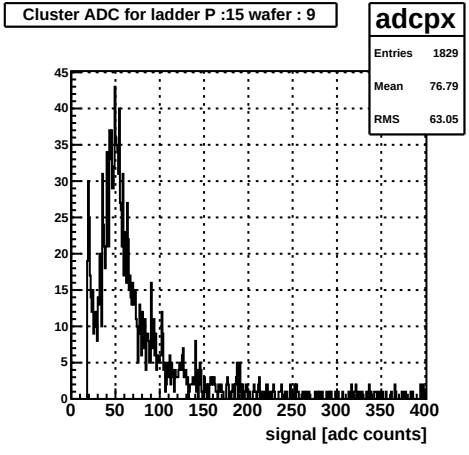

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 20337
Mean 50.92
RMS 51.59
signal [adc counts]

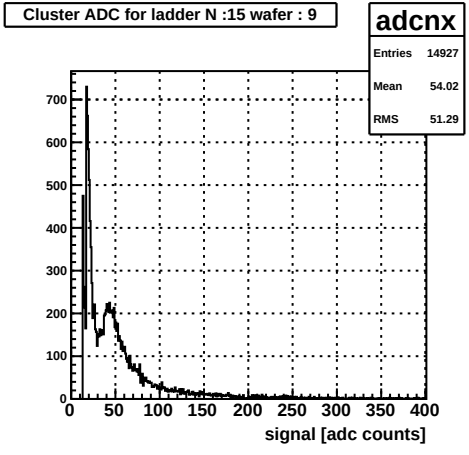

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 8541
Mean 62.49
RMS 55.29
signal [adc counts]

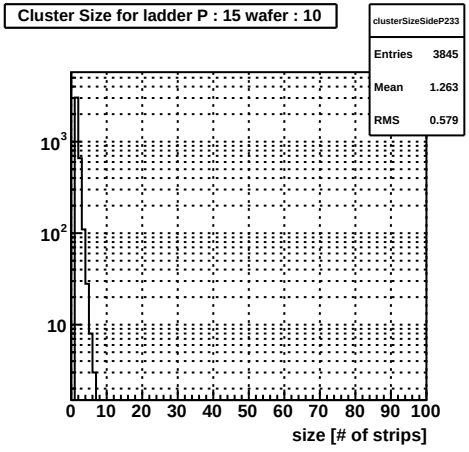

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 1829
Mean 1.307
RMS 0.6313
size [# of strips]

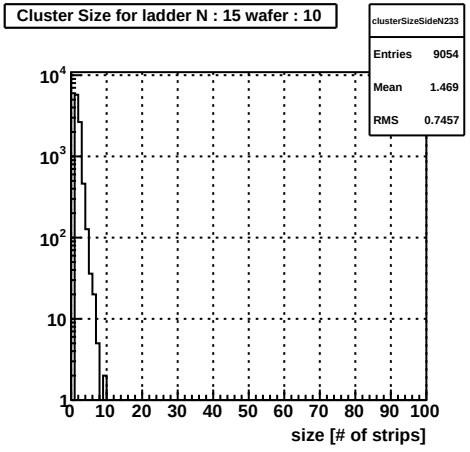

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 14927
Mean 1.455
RMS 0.7959
size [# of strips]

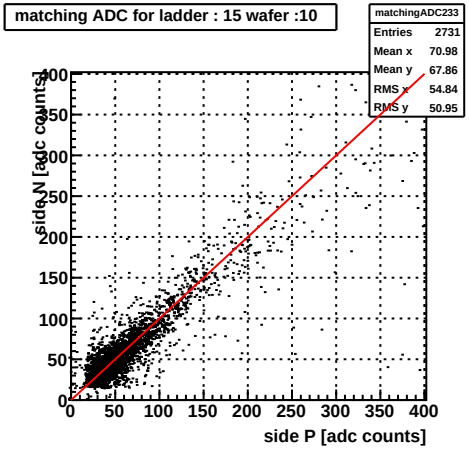

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 1210
Mean x 67.78
Mean y 64.23
RMS x 58.71
RMS y 50.74
side N [adc counts]
side P [adc counts]

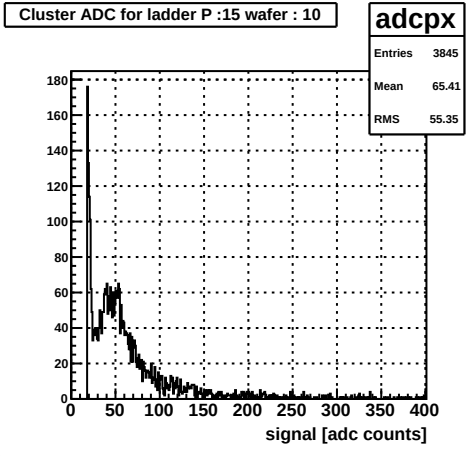

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 1829
Mean 76.79
RMS 63.05
signal [adc counts]

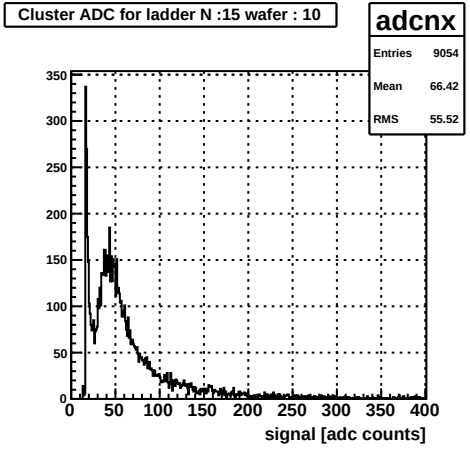

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 14927
Mean 54.02
RMS 51.29
signal [adc counts]

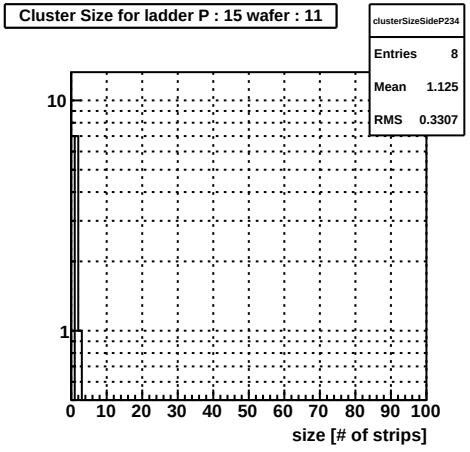

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 3845
Mean 1.263
RMS 0.579
size [# of strips]

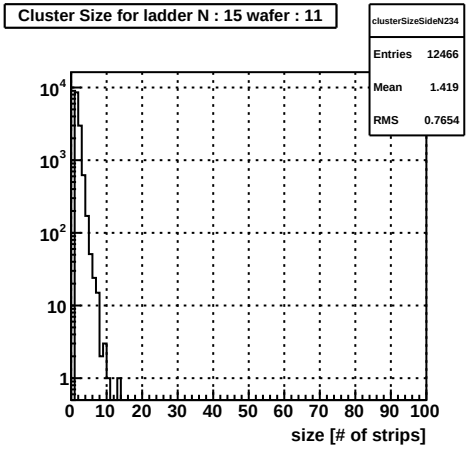

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 9054
Mean 1.469
RMS 0.7457
size [# of strips]

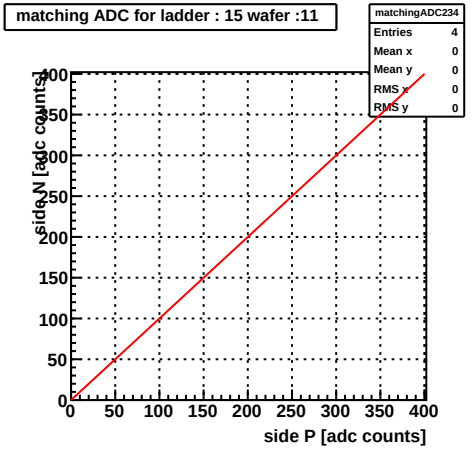

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 2731
Mean x 70.98
Mean y 67.86
RMS x 54.84
RMS y 50.95
side N [adc counts]
side P [adc counts]

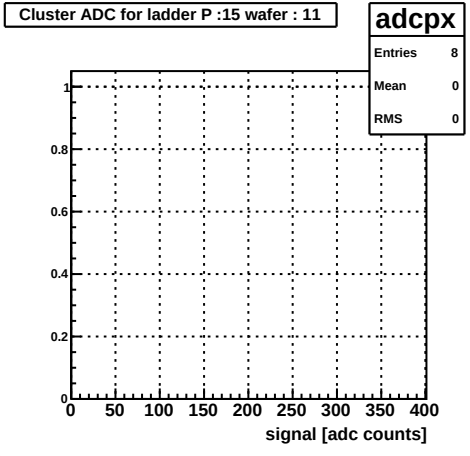

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 3845
Mean 65.41
RMS 55.35
signal [adc counts]

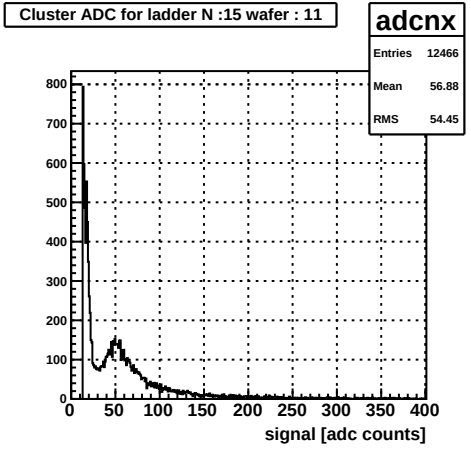

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 9054
Mean 66.42
RMS 55.52
signal [adc counts]

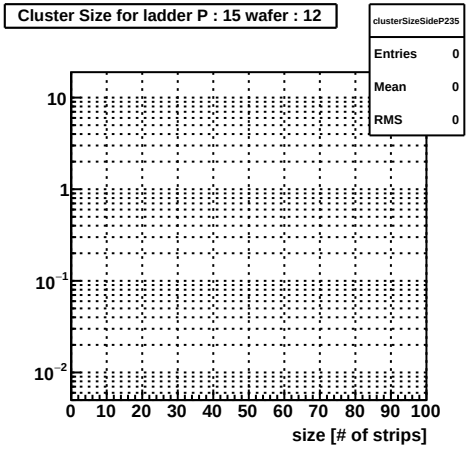

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 8
Mean 1.125
RMS 0.3307
size [# of strips]

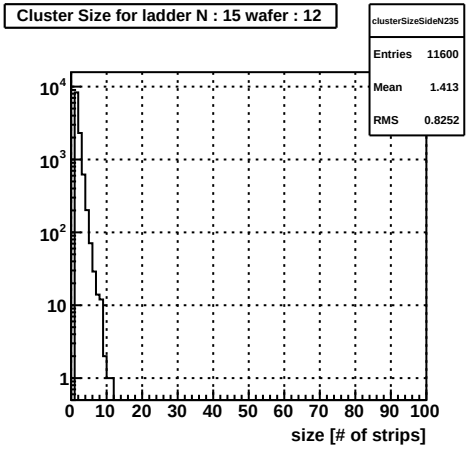

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 12466
Mean 1.419
RMS 0.7654
size [# of strips]

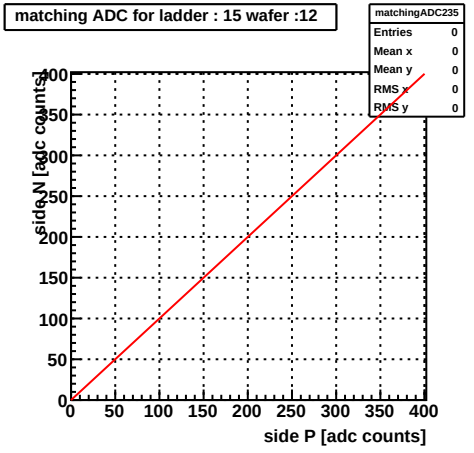

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

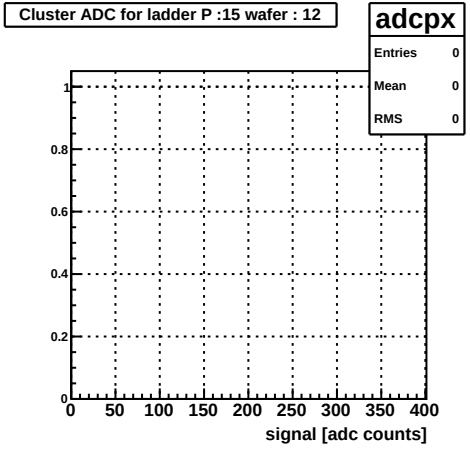

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 8
Mean 0
RMS 0
signal [adc counts]

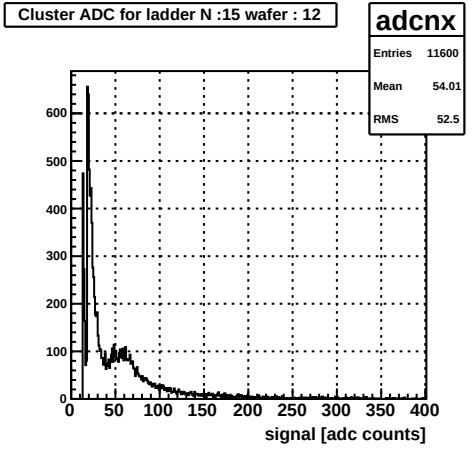

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 12466
Mean 56.88
RMS 54.45
signal [adc counts]

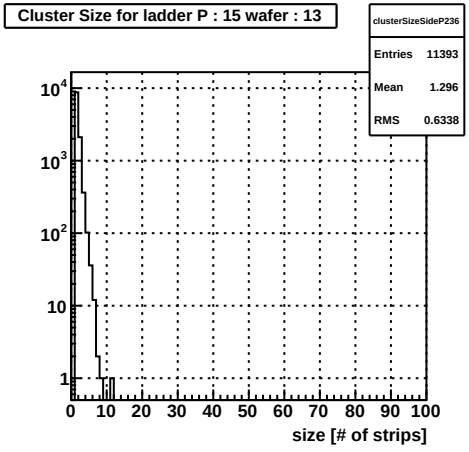

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 0
Mean 0
RMS 0
size [# of strips]

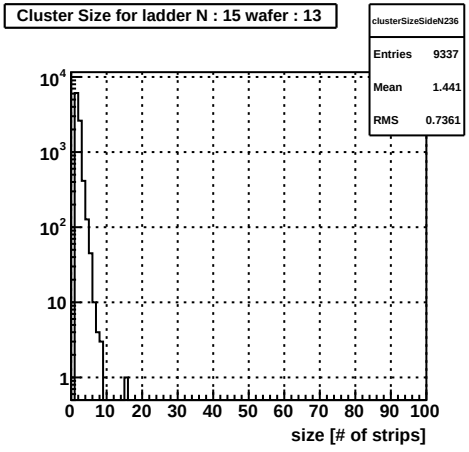

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 11600
Mean 1.413
RMS 0.8252
size [# of strips]

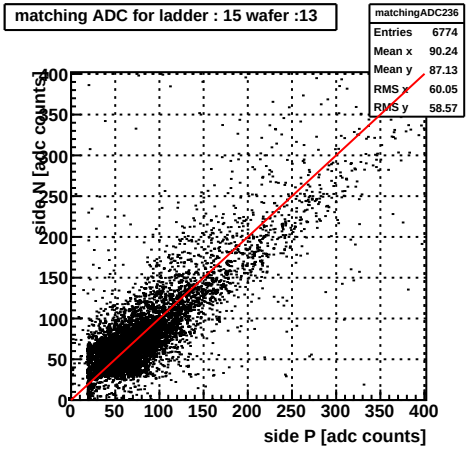

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

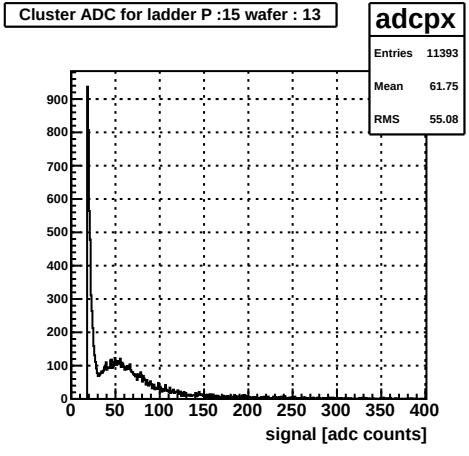

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

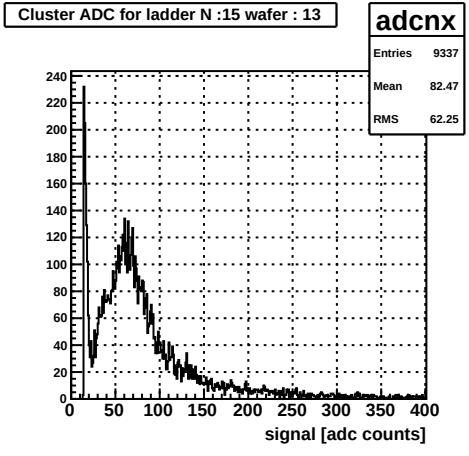

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 11600
Mean 54.01
RMS 52.5
signal [adc counts]

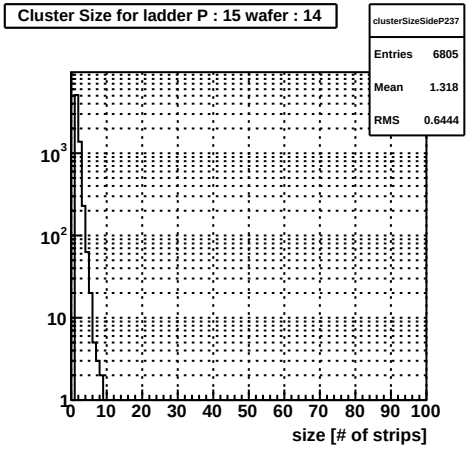

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 11393
Mean 1.296
RMS 0.6338
size [# of strips]

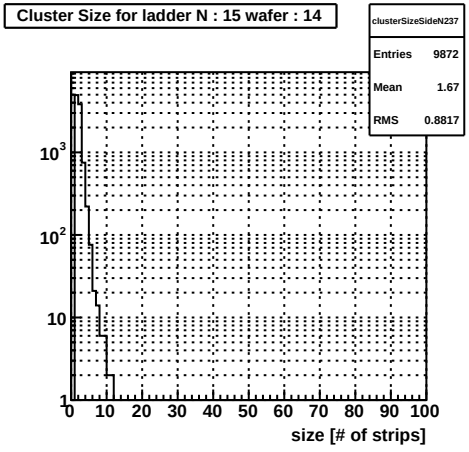

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 9337
Mean 1.441
RMS 0.7361
size [# of strips]

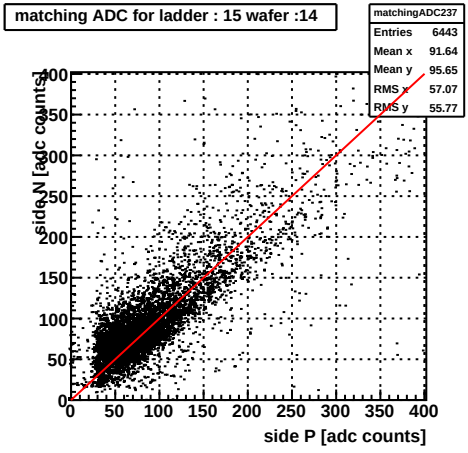

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 6774
Mean x 90.24
Mean y 87.13
RMS x 60.05
RMS y 58.57
side N [adc counts]
side P [adc counts]

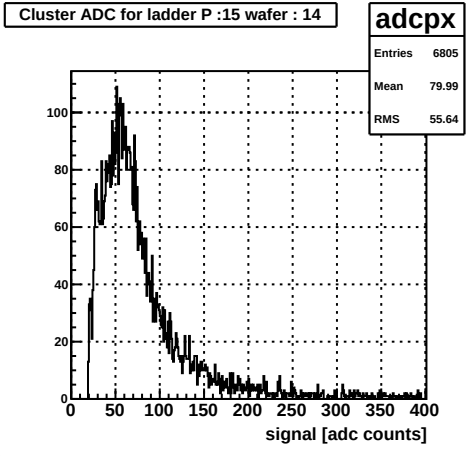

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 11393
Mean 61.75
RMS 55.08
signal [adc counts]

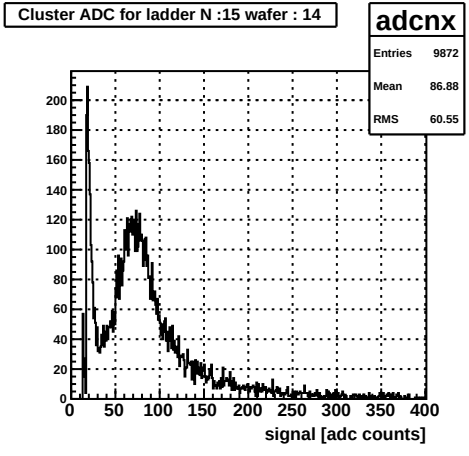

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 9337
Mean 82.47
RMS 62.25
signal [adc counts]

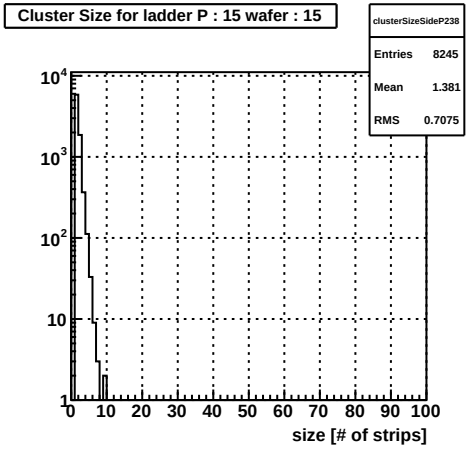

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 6805
Mean 1.318
RMS 0.6444
size [# of strips]

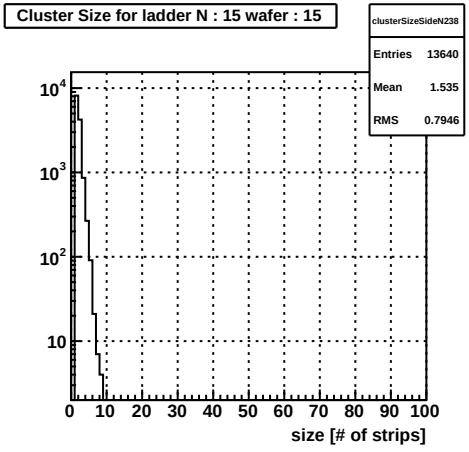

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 9872
Mean 1.67
RMS 0.8817
size [# of strips]

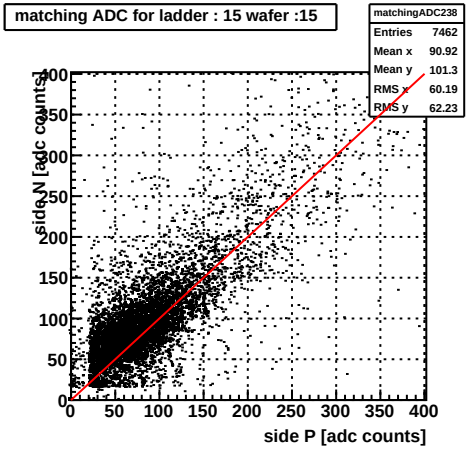

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 6443
Mean x 91.64
Mean y 95.65
RMS x 57.07
RMS y 55.77
side N [adc counts]
side P [adc counts]

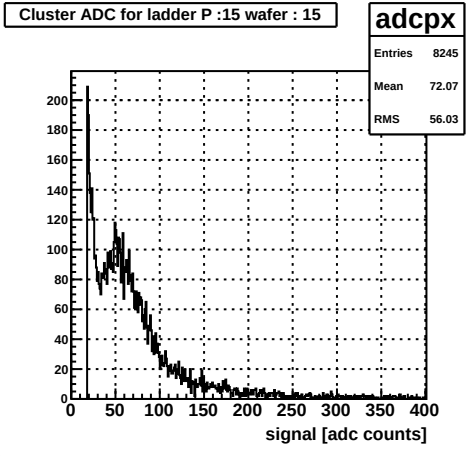

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 6805
Mean 79.99
RMS 55.64
signal [adc counts]

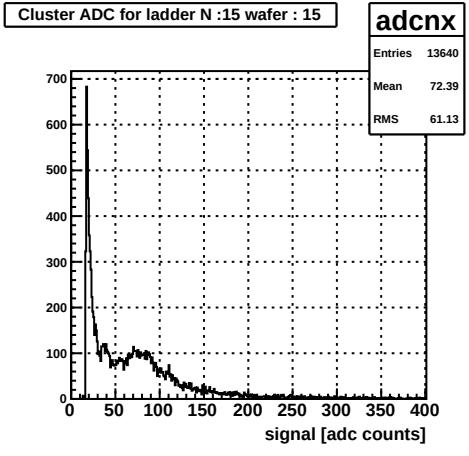

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 9872
Mean 86.88
RMS 60.55
signal [adc counts]

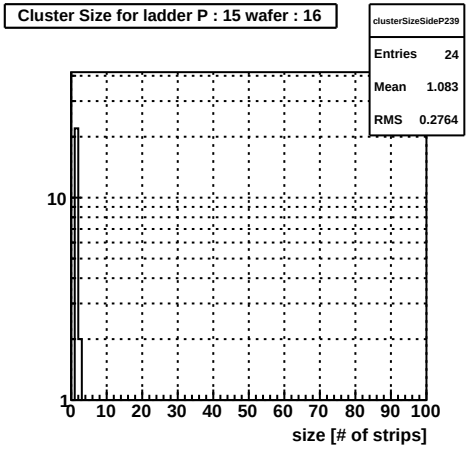

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 8245
Mean 1.381
RMS 0.7075
size [# of strips]

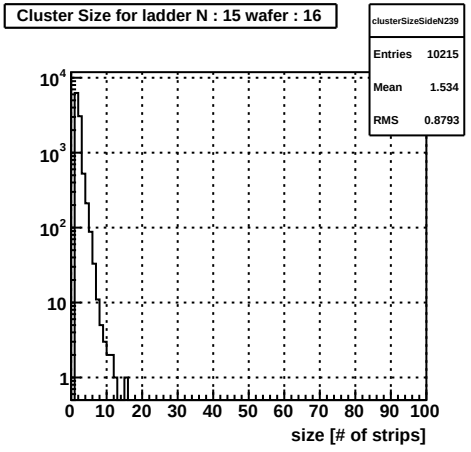

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 13640
Mean 1.535
RMS 0.7946
size [# of strips]

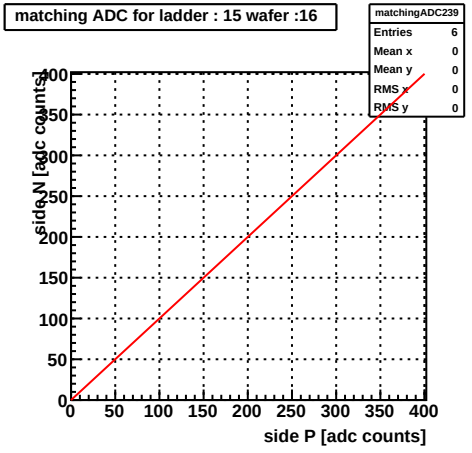

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 7462
Mean x 90.92
Mean y 101.3
RMS x 60.19
RMS y 62.23
side N [adc counts]
side P [adc counts]

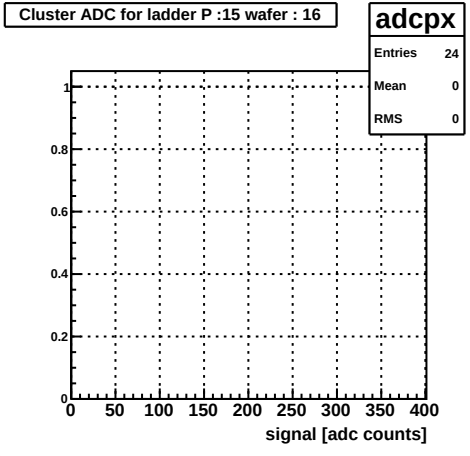

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 8245
Mean 72.07
RMS 56.03
signal [adc counts]

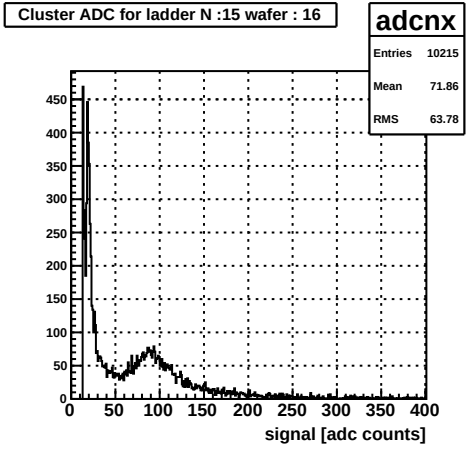

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 13640
Mean 72.39
RMS 61.13
signal [adc counts]

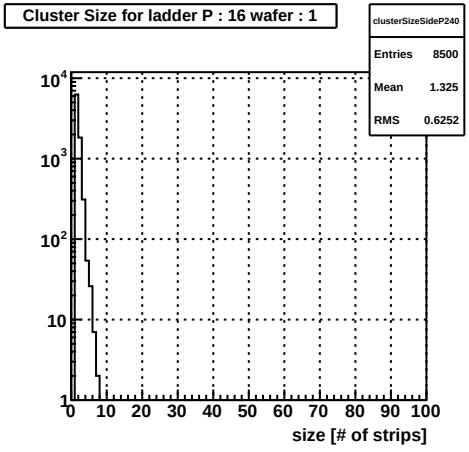

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 24
Mean 1.083
RMS 0.2764
size [# of strips]

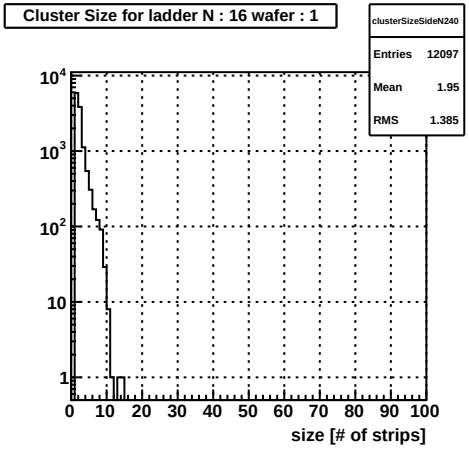

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 10215
Mean 1.534
RMS 0.8793
size [# of strips]

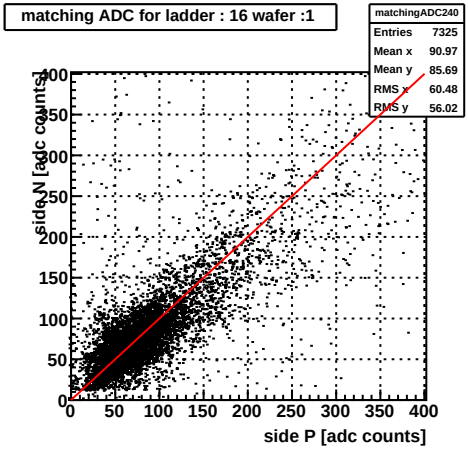

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 6
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

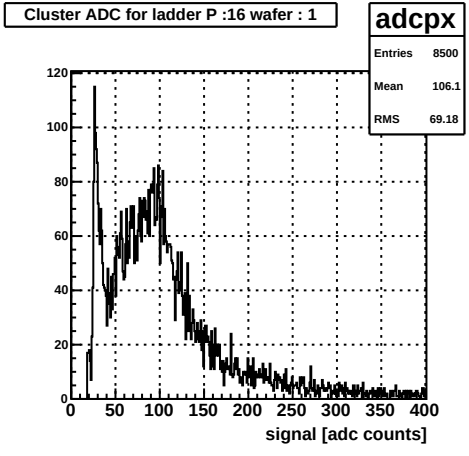

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 24
Mean 0
RMS 0
signal [adc counts]

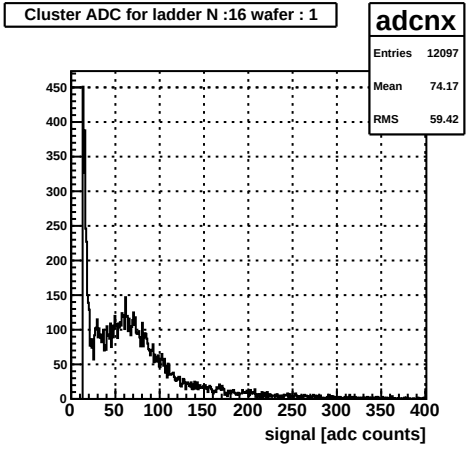

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 10215
Mean 71.86
RMS 63.78
signal [adc counts]

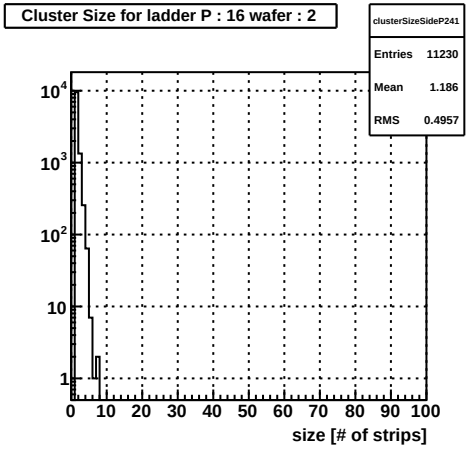

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 8500
Mean 1.325
RMS 0.6252
size [# of strips]

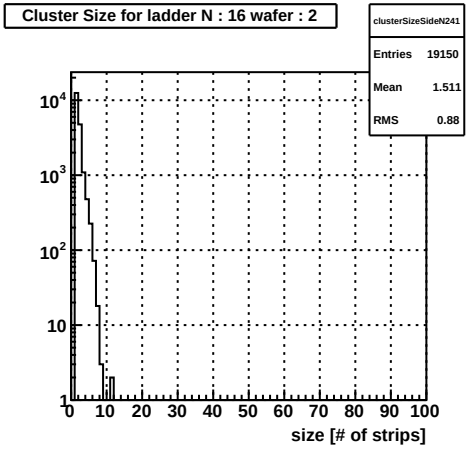

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 12097
Mean 1.95
RMS 1.385
size [# of strips]

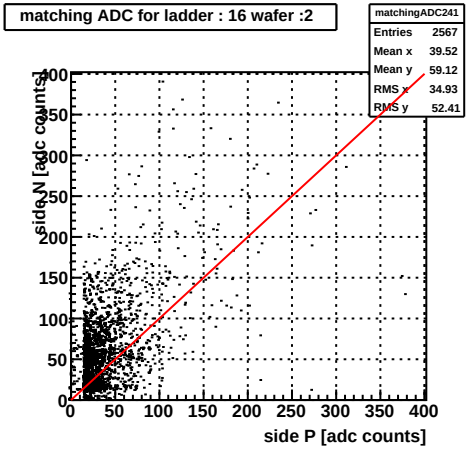

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 7325
Mean x 90.97
Mean y 85.69
RMS x 60.48
RMS y 56.02
side N [adc counts]
side P [adc counts]

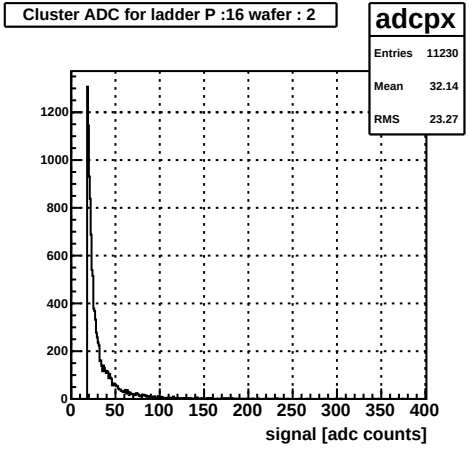

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 8500
Mean 106.1
RMS 69.18
signal [adc counts]

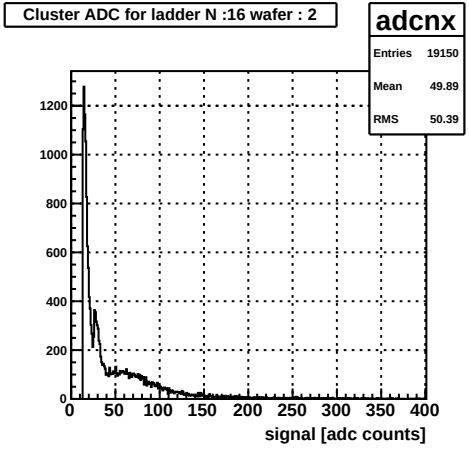

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 12097
Mean 74.17
RMS 59.42
signal [adc counts]

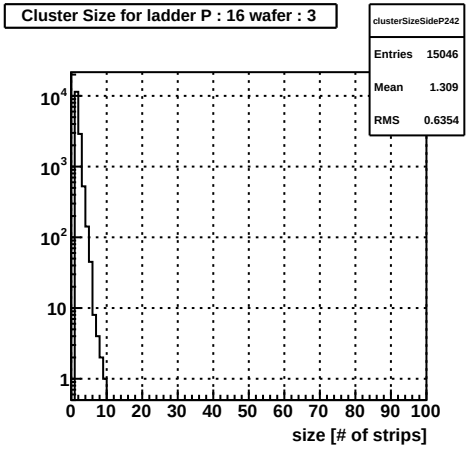

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 11230
Mean 1.186
RMS 0.4957
size [# of strips]

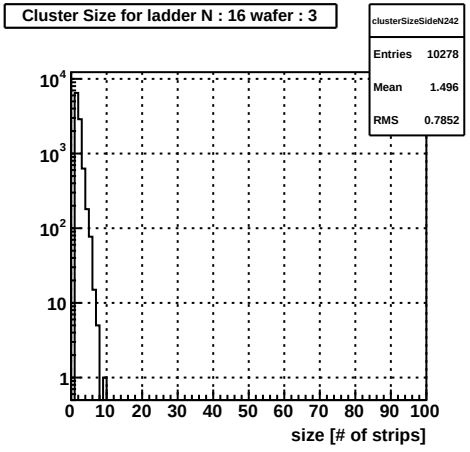

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 19150
Mean 1.511
RMS 0.88
size [# of strips]

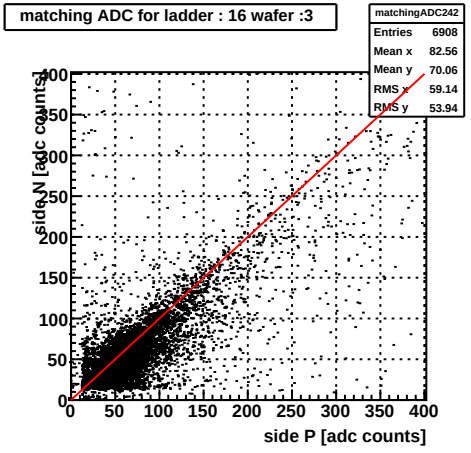

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 2567
Mean x 39.52
Mean y 59.12
RMS x 34.93
RMS y 52.41
side N [adc counts]
side P [adc counts]

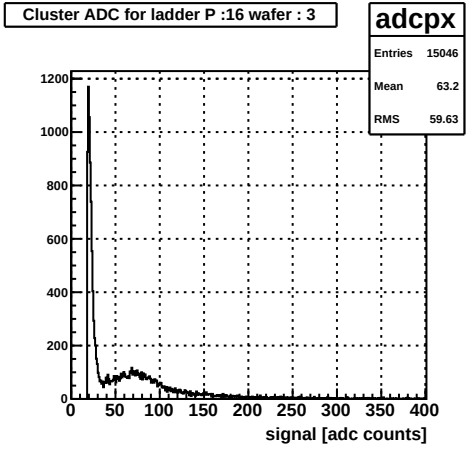

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 11230
Mean 32.14
RMS 23.27
signal [adc counts]

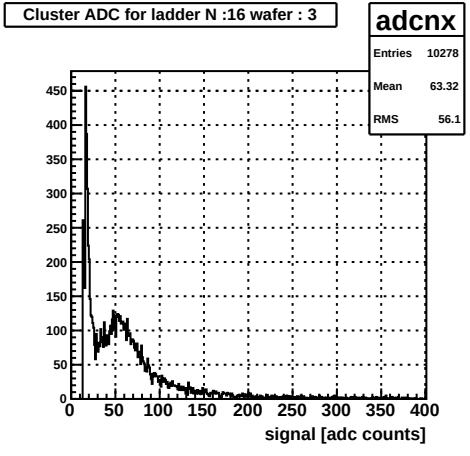

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 19150
Mean 49.89
RMS 50.39
signal [adc counts]

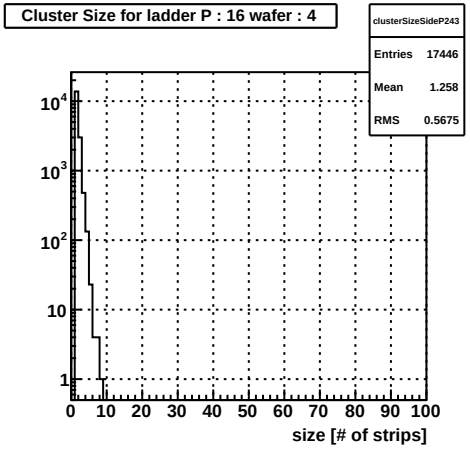

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 15046
Mean 1.309
RMS 0.6354
size [# of strips]

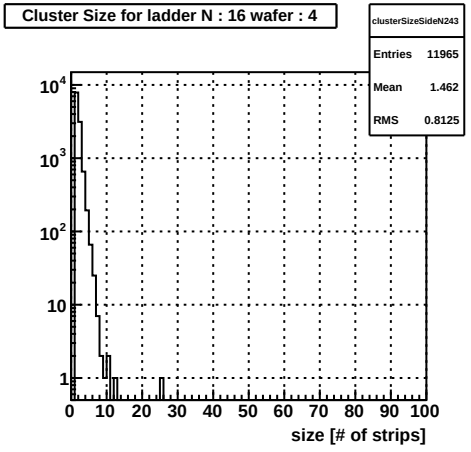

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 10278
Mean 1.496
RMS 0.7852
size [# of strips]

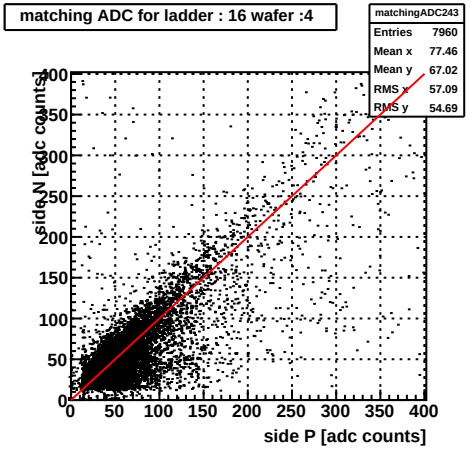

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 6908
Mean x 82.56
Mean y 70.06
RMS x 59.14
RMS y 53.94
side N [adc counts]
side P [adc counts]

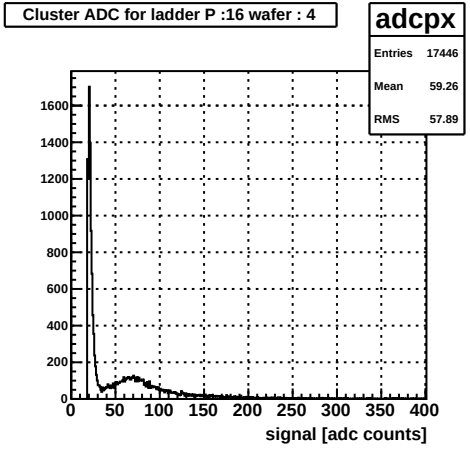

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 15046
Mean 63.2
RMS 59.63
signal [adc counts]

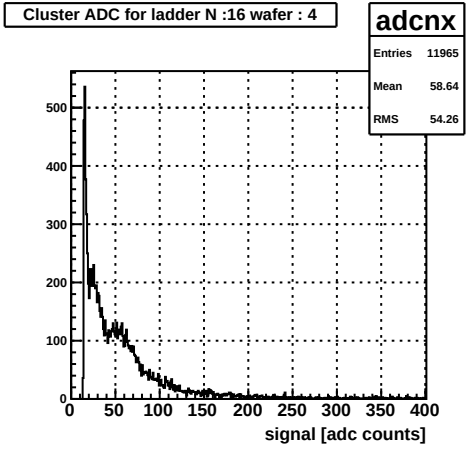

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 10278
Mean 63.32
RMS 56.1
signal [adc counts]

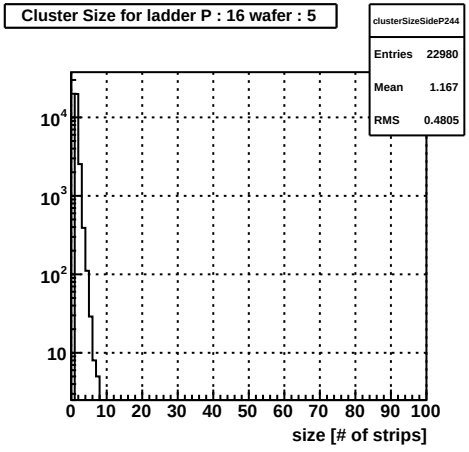

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 17446
Mean 1.258
RMS 0.5675
size [# of strips]

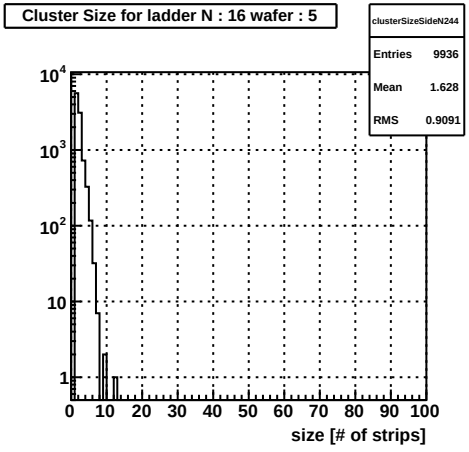

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 11965
Mean 1.462
RMS 0.8125
size [# of strips]

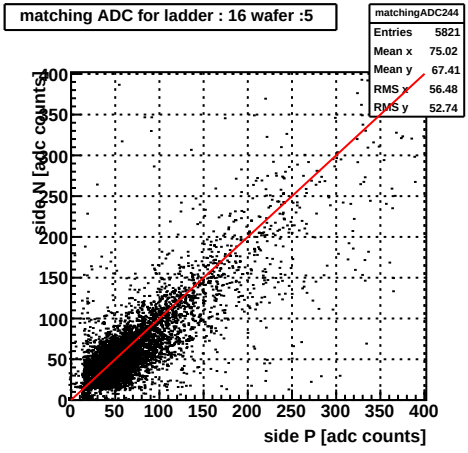

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 7960
Mean x 77.46
Mean y 67.02
RMS x 57.09
RMS y 54.69
side N [adc counts]
side P [adc counts]

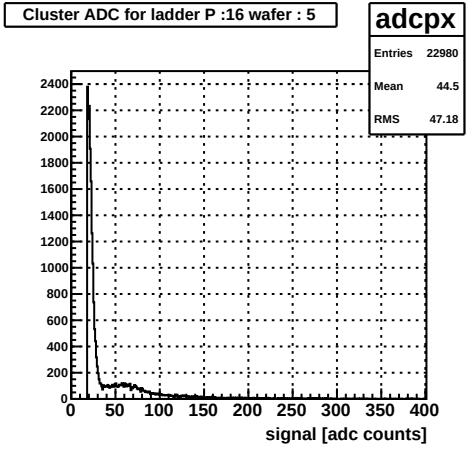

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 17446
Mean 59.26
RMS 57.89
signal [adc counts]

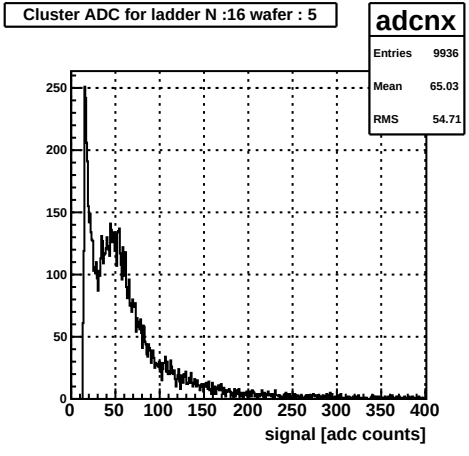

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 11965
Mean 58.64
RMS 54.26
signal [adc counts]

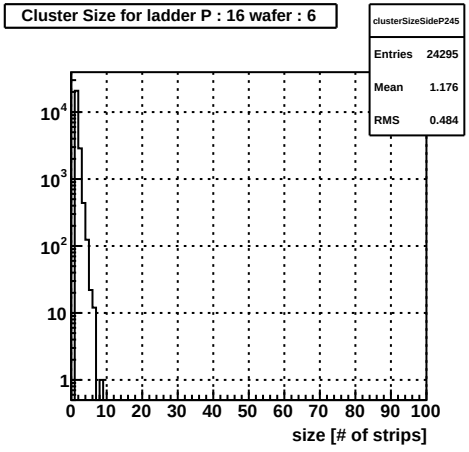

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 22980
Mean 1.167
RMS 0.4805
size [# of strips]

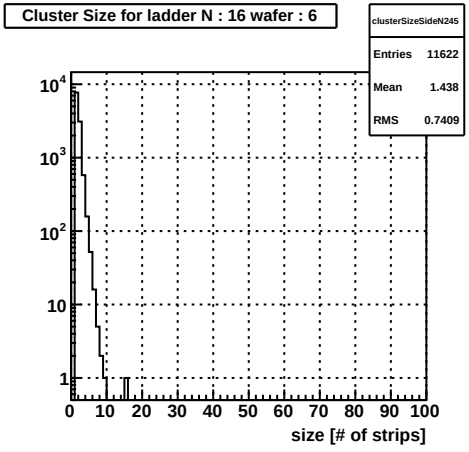

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 9936
Mean 1.628
RMS 0.9091
size [# of strips]

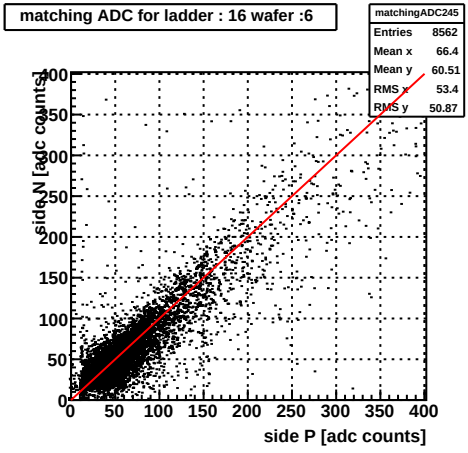

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 5821
Mean x 75.02
Mean y 67.41
RMS x 56.48
RMS y 52.74
side N [adc counts]
side P [adc counts]

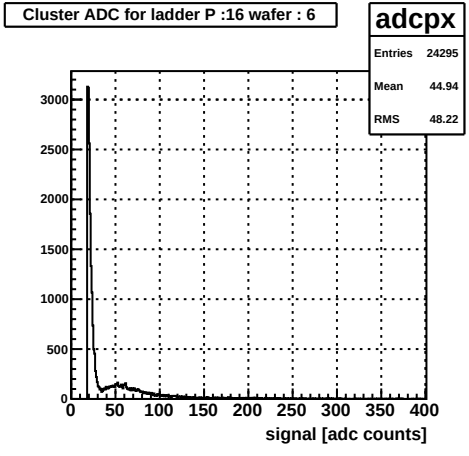

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 22980
Mean 44.5
RMS 47.18
signal [adc counts]

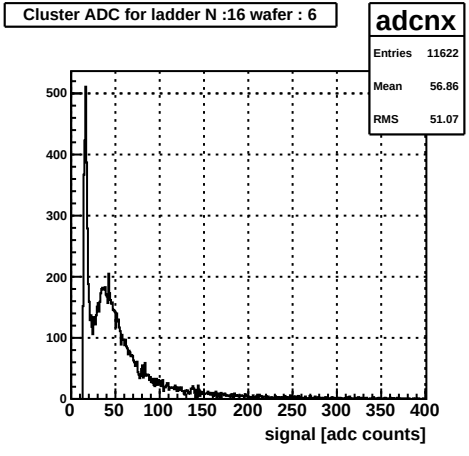

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 9936
Mean 65.03
RMS 54.71
signal [adc counts]

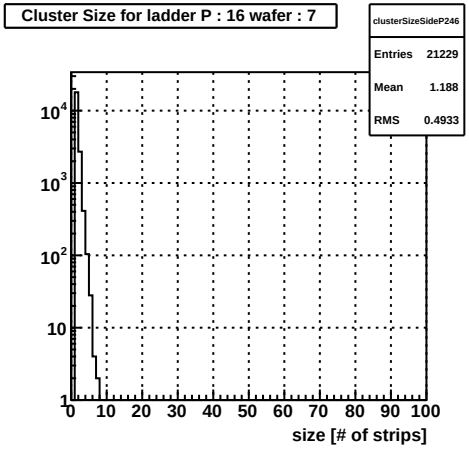

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 24295
Mean 1.176
RMS 0.484
size [# of strips]

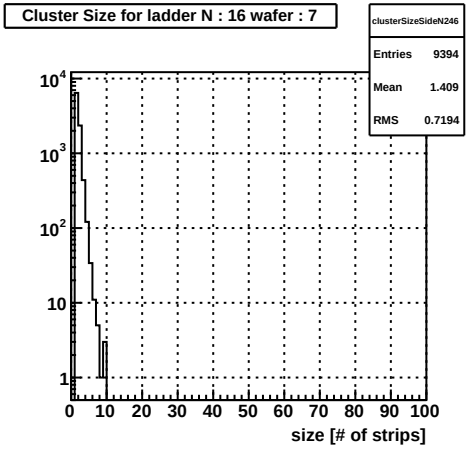

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 11622
Mean 1.438
RMS 0.7409
size [# of strips]

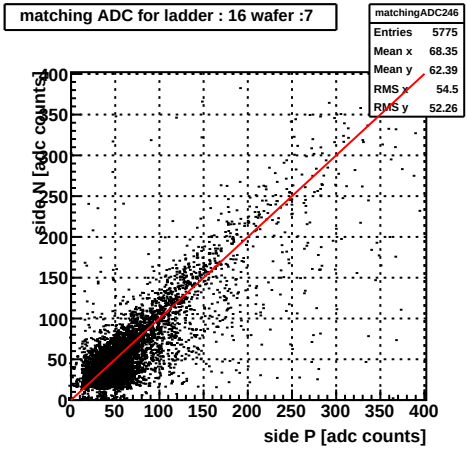

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 8562
Mean x 66.4
Mean y 60.51
RMS x 53.4
RMS y 50.87
side N [adc counts]
side P [adc counts]

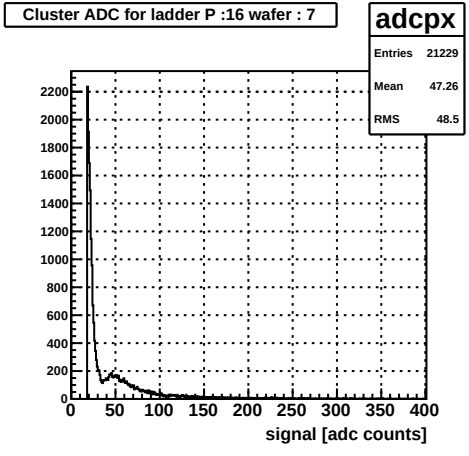

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 24295
Mean 44.94
RMS 48.22
signal [adc counts]

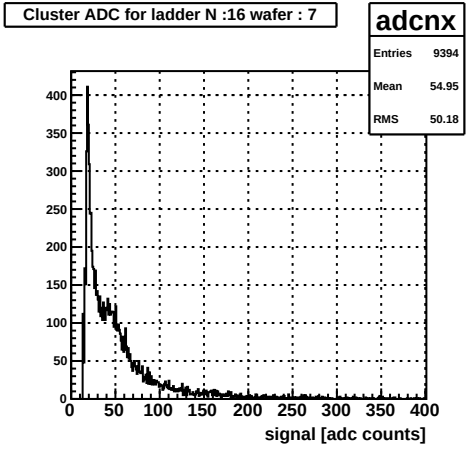

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 11622
Mean 56.86
RMS 51.07
signal [adc counts]

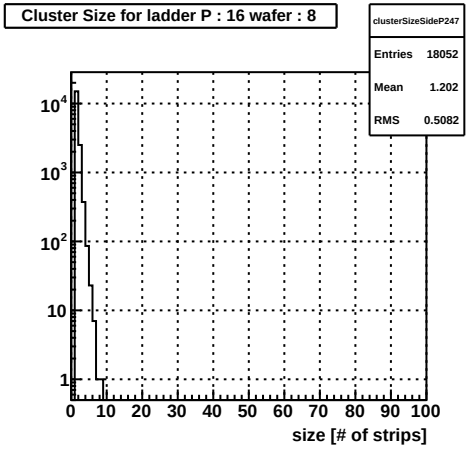

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 21229
Mean 1.188
RMS 0.4933
size [# of strips]

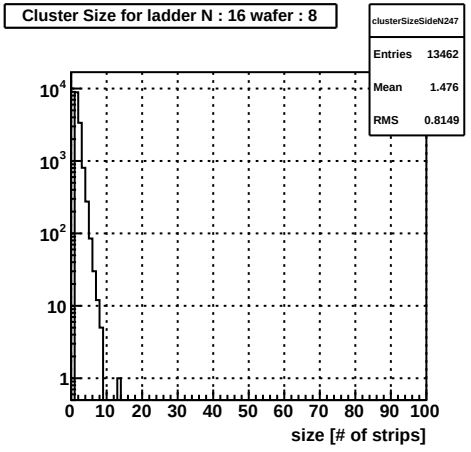

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 9394
Mean 1.409
RMS 0.7194
size [# of strips]

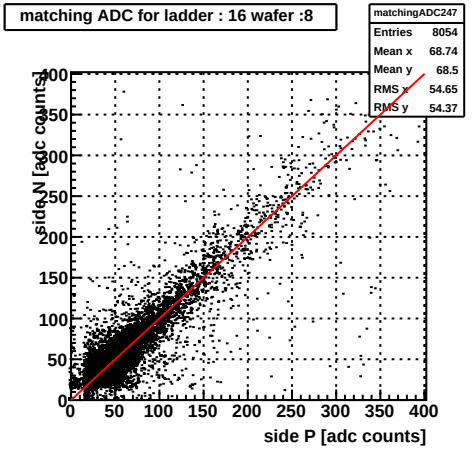

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 5775
Mean x 68.35
Mean y 62.39
RMS x 54.5
RMS y 52.26
side N [adc counts]
side P [adc counts]

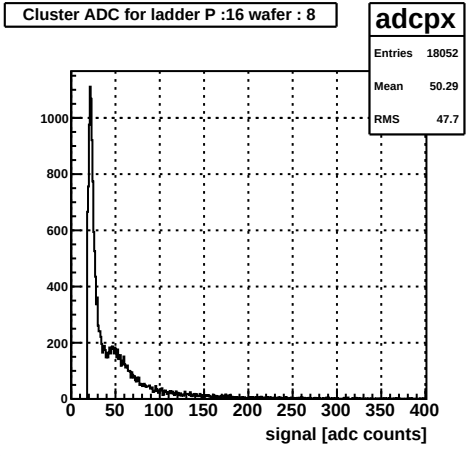

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 21229
Mean 47.26
RMS 48.5
signal [adc counts]

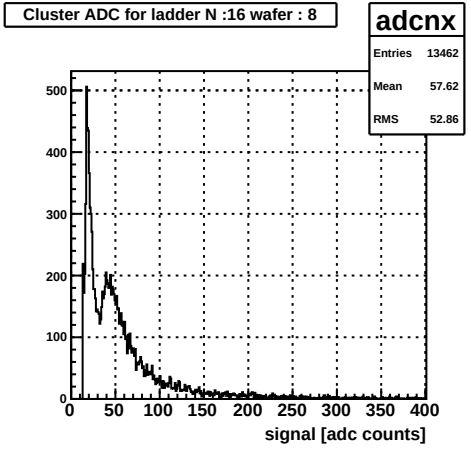

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 9394
Mean 54.95
RMS 50.18
signal [adc counts]

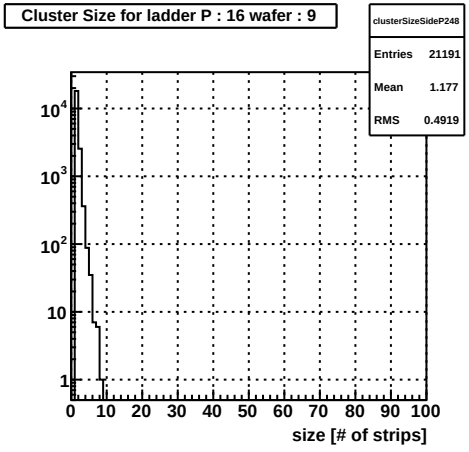

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 18052
Mean 1.202
RMS 0.5082
size [# of strips]

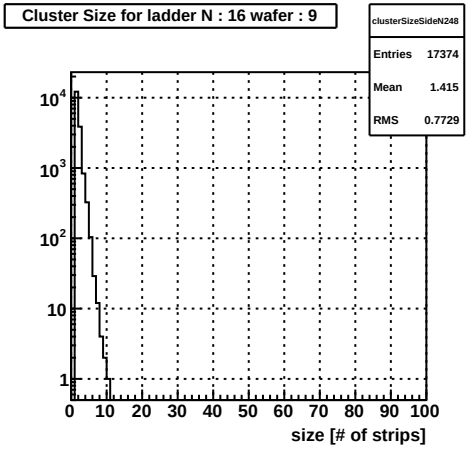

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 13462
Mean 1.476
RMS 0.8149
size [# of strips]

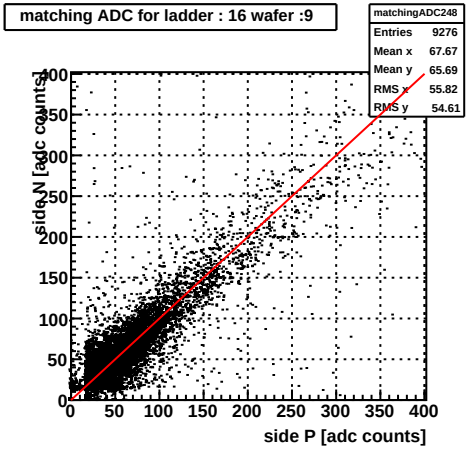

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 8054
Mean x 68.74
Mean y 68.5
RMS x 54.65
RMS y 54.37
side N [adc counts]
side P [adc counts]

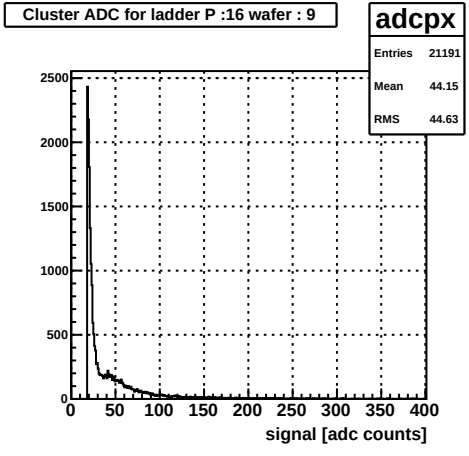

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 18052
Mean 50.29
RMS 47.7
signal [adc counts]

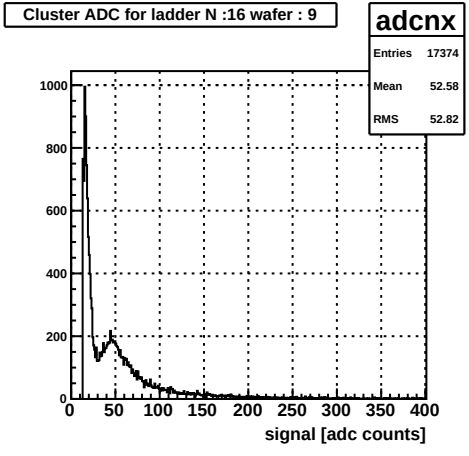

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 13462
Mean 57.62
RMS 52.86
signal [adc counts]

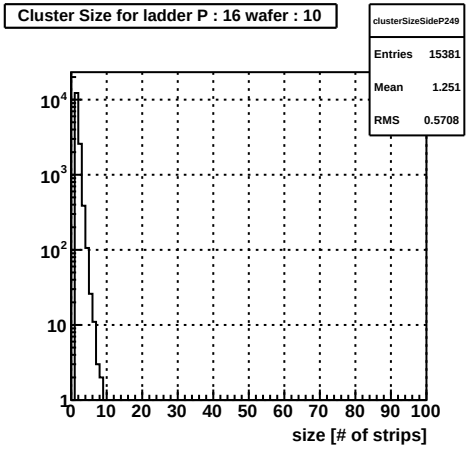

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 21191
Mean 1.177
RMS 0.4919
size [# of strips]

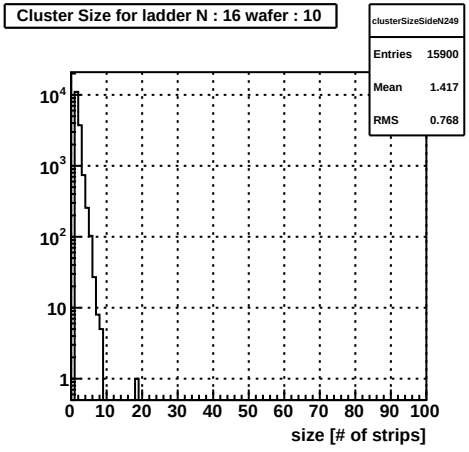

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 17374
Mean 1.415
RMS 0.7729
size [# of strips]

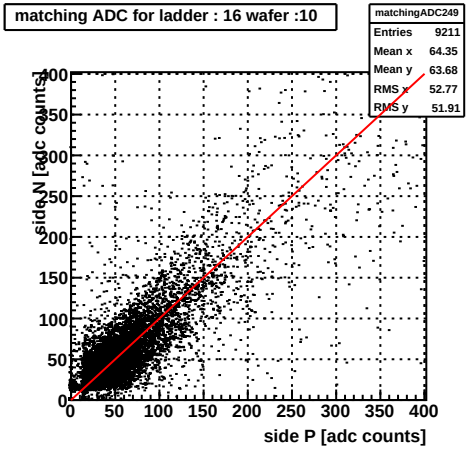

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 9276
Mean x 67.67
Mean y 65.69
RMS x 55.82
RMS y 54.61
side N [adc counts]
side P [adc counts]

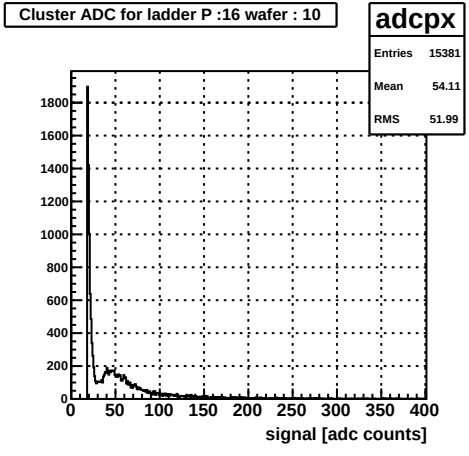

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 21191
Mean 44.15
RMS 44.63
signal [adc counts]

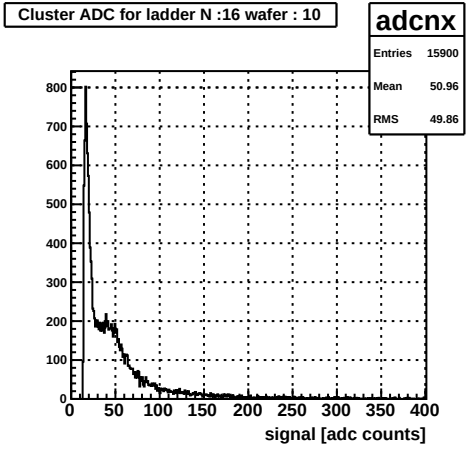

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 17374
Mean 52.58
RMS 52.82
signal [adc counts]

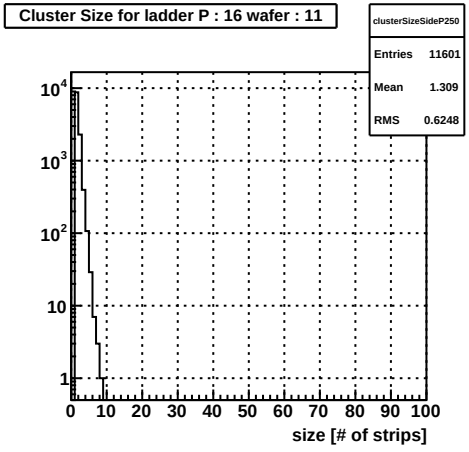

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 15381
Mean 1.251
RMS 0.5708
size [# of strips]

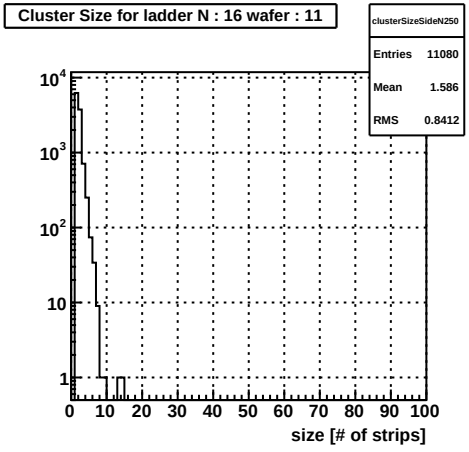

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 15900
Mean 1.417
RMS 0.768
size [# of strips]

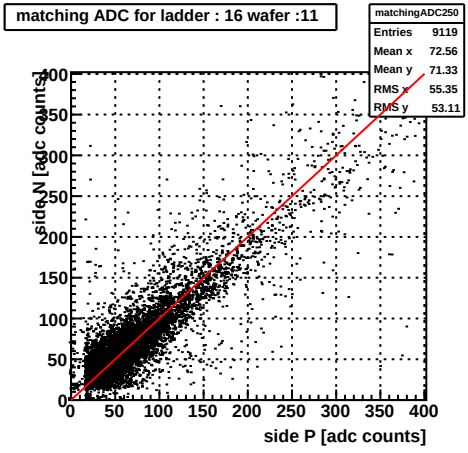

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 9211
Mean x 64.35
Mean y 63.68
RMS x 52.77
RMS y 51.91
side N [adc counts]
side P [adc counts]

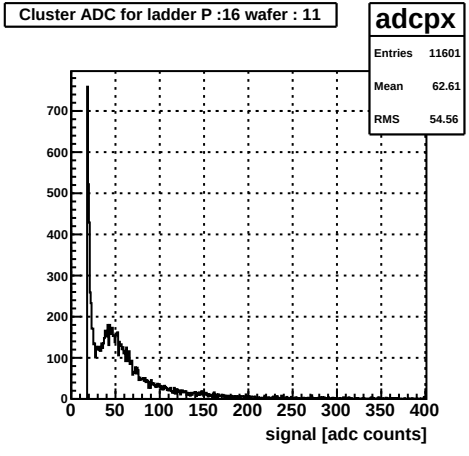

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 15381
Mean 54.11
RMS 51.99
signal [adc counts]

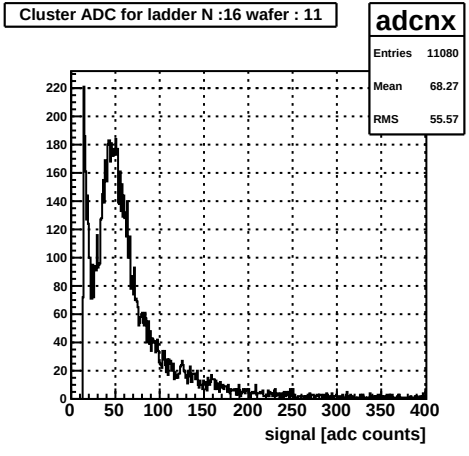

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 15900
Mean 50.96
RMS 49.86
signal [adc counts]

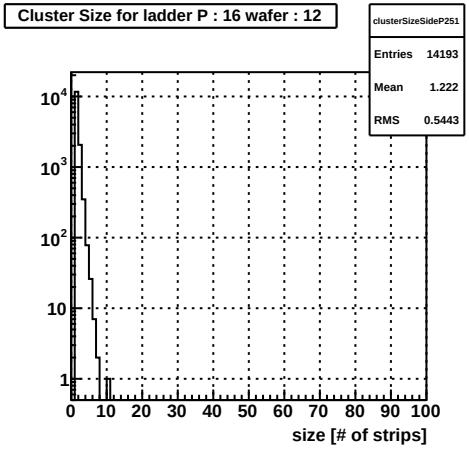

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 11601
Mean 1.309
RMS 0.6248
size [# of strips]

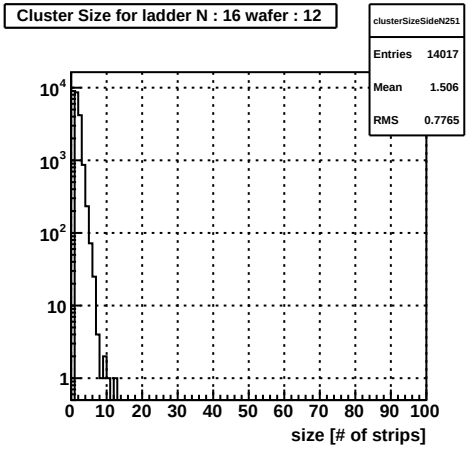

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 11080
Mean 1.586
RMS 0.8412
size [# of strips]

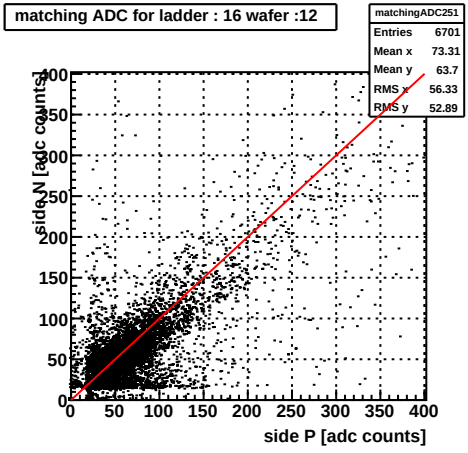

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 9119
Mean x 72.56
Mean y 71.33
RMS x 55.35
RMS y 53.11
side N [adc counts]
side P [adc counts]

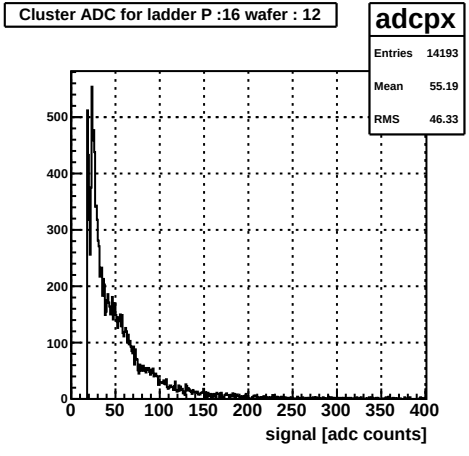

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 11601
Mean 62.61
RMS 54.56
signal [adc counts]

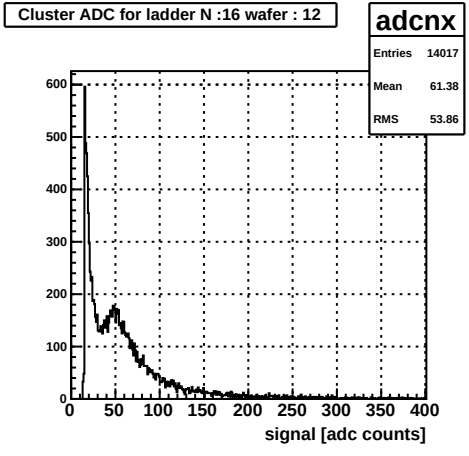

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 11080
Mean 68.27
RMS 55.57
signal [adc counts]

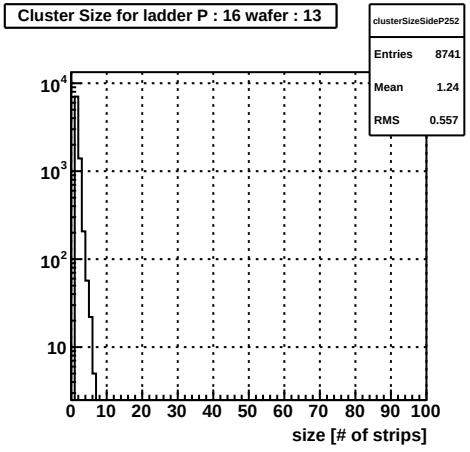

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 14193
Mean 1.222
RMS 0.5443
size [# of strips]

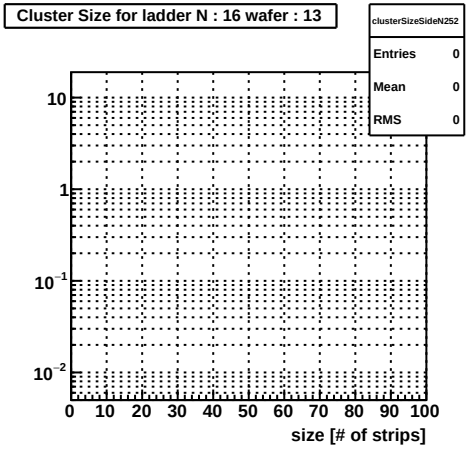

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 14017
Mean 1.506
RMS 0.7765
size [# of strips]

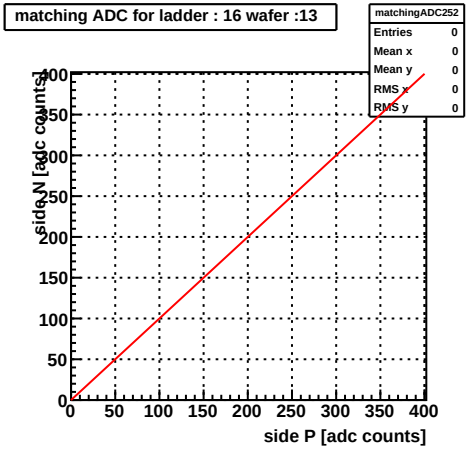

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 6701
Mean x 73.31
Mean y 63.7
RMS x 56.33
RMS y 52.89
side N [adc counts]
side P [adc counts]

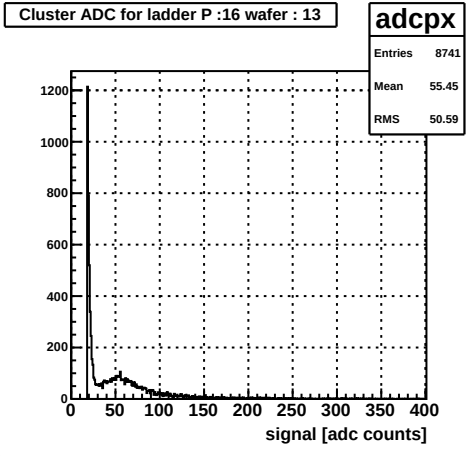

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 14193
Mean 55.19
RMS 46.33
signal [adc counts]

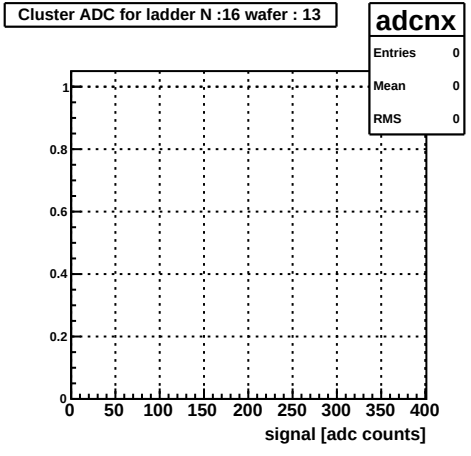

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 14017
Mean 61.38
RMS 53.86
signal [adc counts]

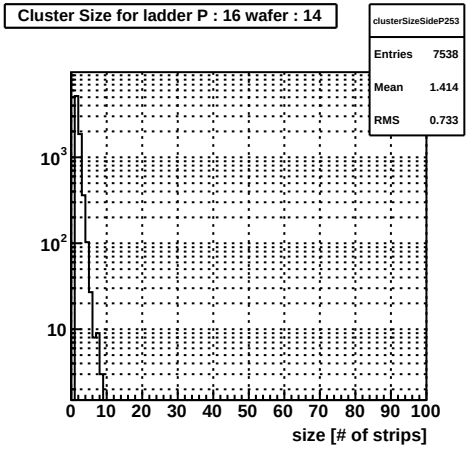

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 8741
Mean 1.24
RMS 0.557
size [# of strips]

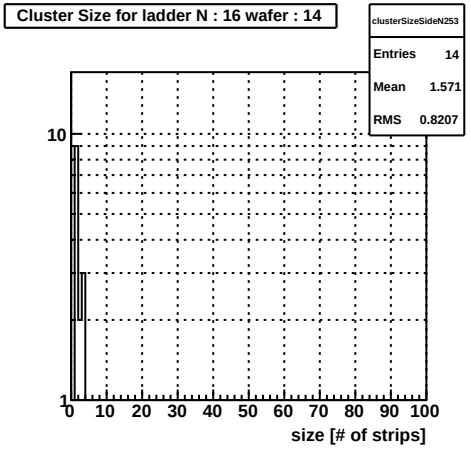

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

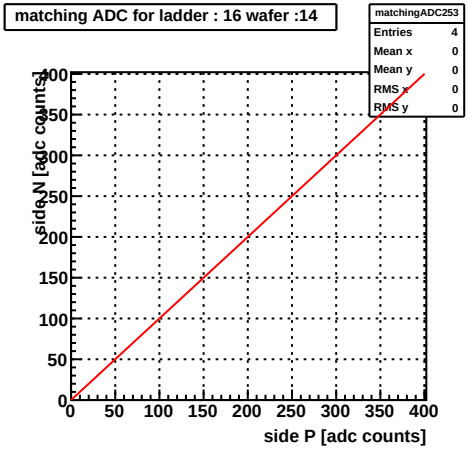

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

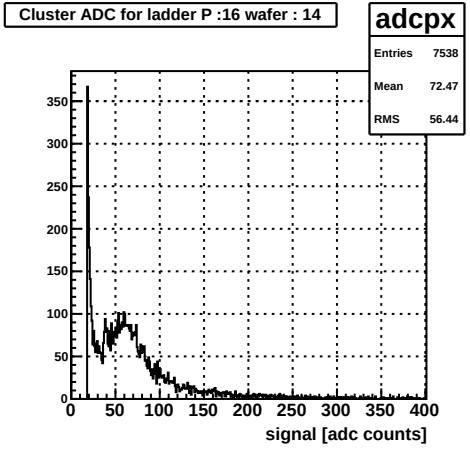

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 8741
Mean 55.45
RMS 50.59
signal [adc counts]

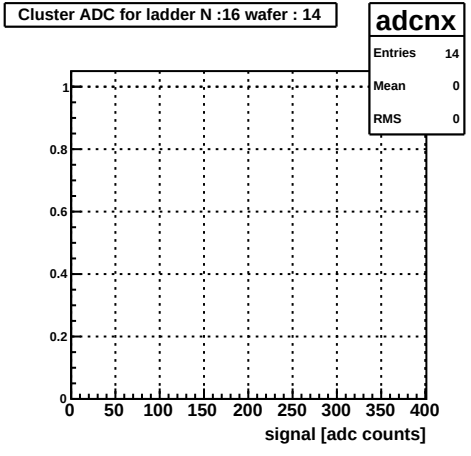

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

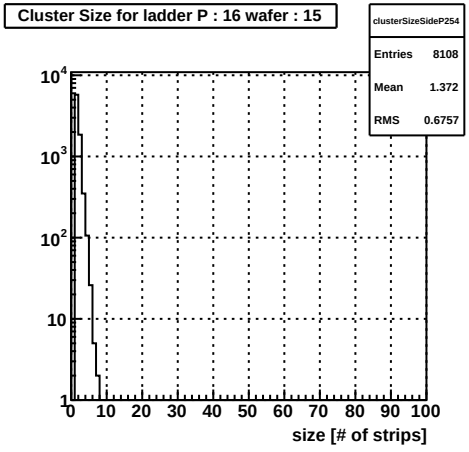

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 7538
Mean 1.414
RMS 0.733
size [# of strips]

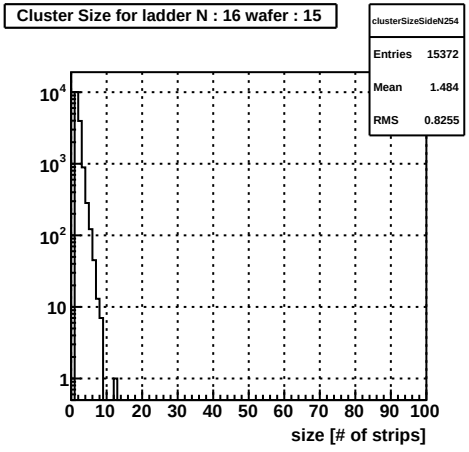

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 14
Mean 1.571
RMS 0.8207
size [# of strips]

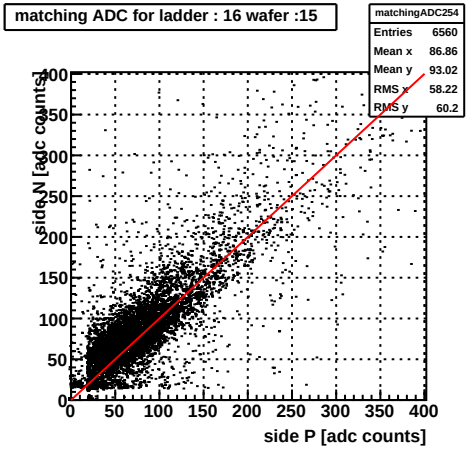

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

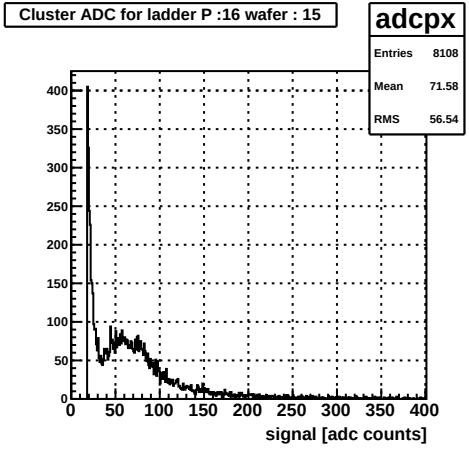

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 7538
Mean 72.47
RMS 56.44
signal [adc counts]

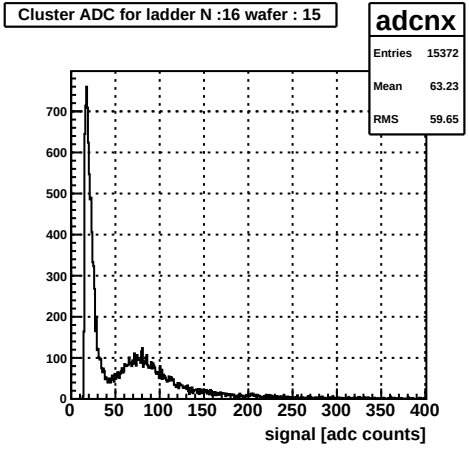

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 14
Mean 0
RMS 0
signal [adc counts]

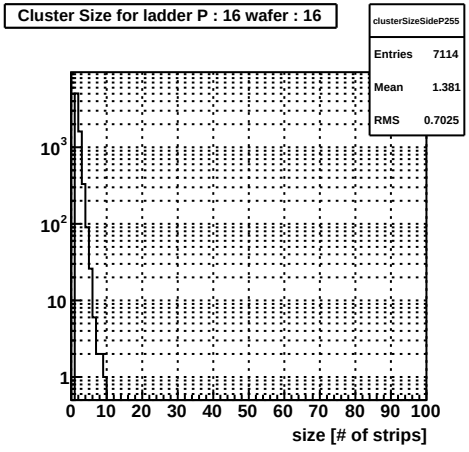

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 8108
Mean 1.372
RMS 0.6757
size [# of strips]

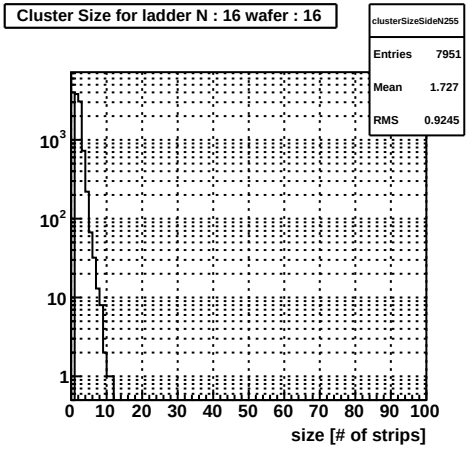

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 15372
Mean 1.484
RMS 0.8255
size [# of strips]

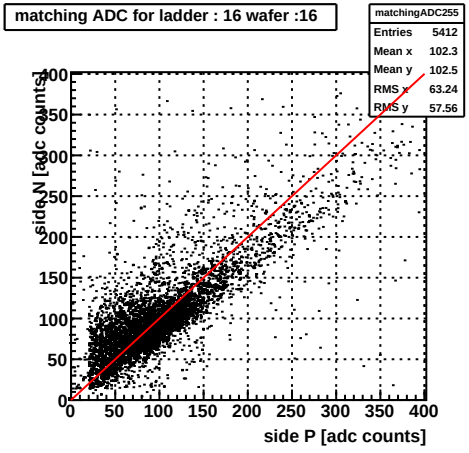

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 6560
Mean x 86.86
Mean y 93.02
RMS x 58.22
RMS y 60.2
side N [adc counts]
side P [adc counts]

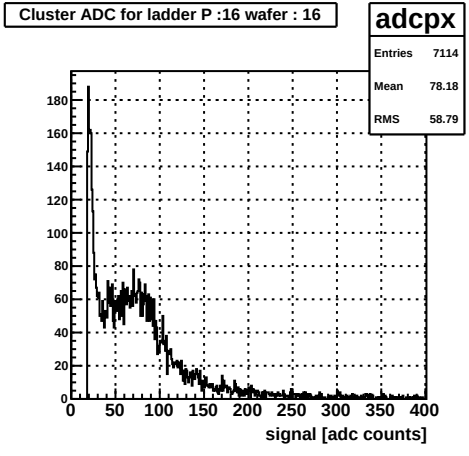

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 8108
Mean 71.58
RMS 56.54
signal [adc counts]

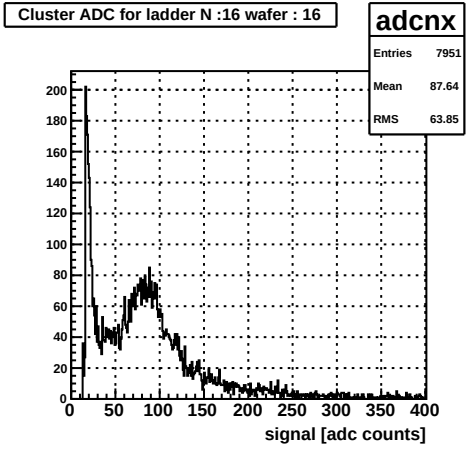

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 15372
Mean 63.23
RMS 59.65
signal [adc counts]

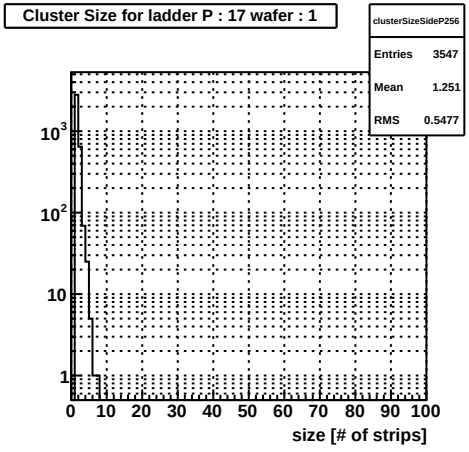

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 7114
Mean 1.381
RMS 0.7025
size [# of strips]

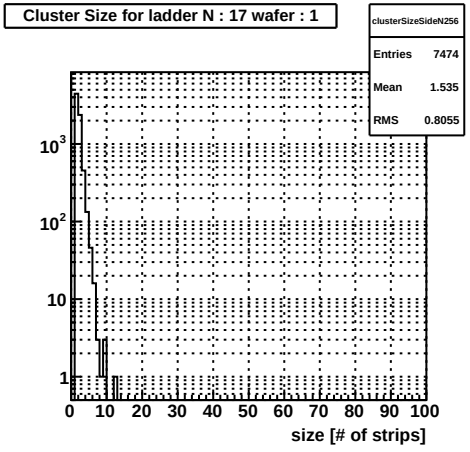

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 7951
Mean 1.727
RMS 0.9245
size [# of strips]

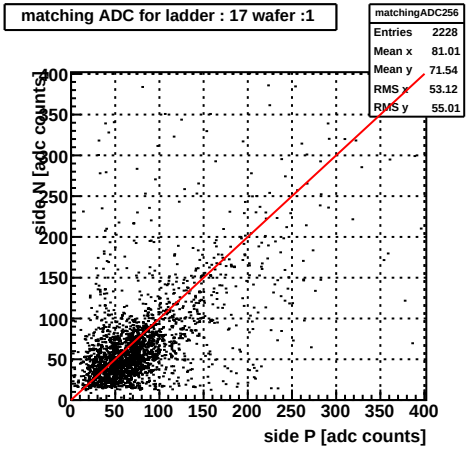

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 5412
Mean x 102.3
Mean y 102.5
RMS x 63.24
RMS y 57.56
side N [adc counts]
side P [adc counts]

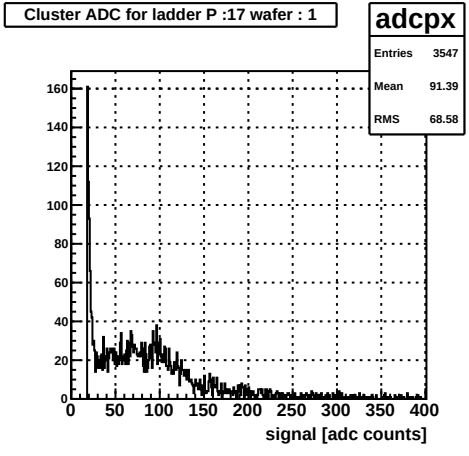

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 7114
Mean 78.18
RMS 58.79
signal [adc counts]

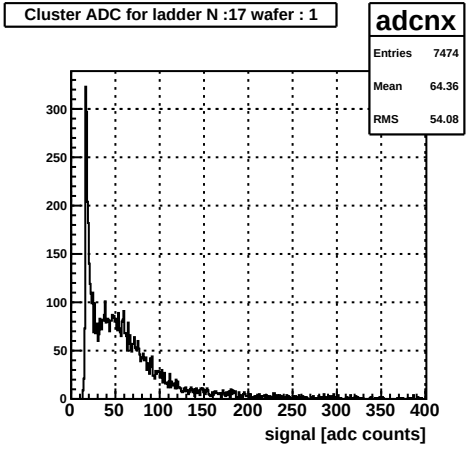

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 7951
Mean 87.64
RMS 63.85
signal [adc counts]

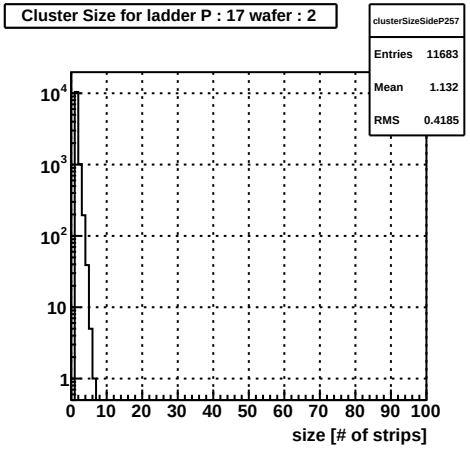

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 3547
Mean 1.251
RMS 0.5477
size [# of strips]

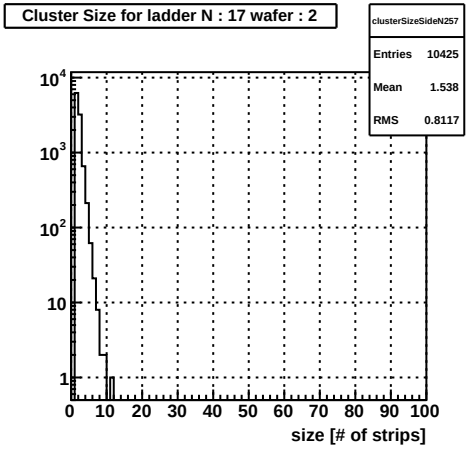

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 7474
Mean 1.535
RMS 0.8055
size [# of strips]

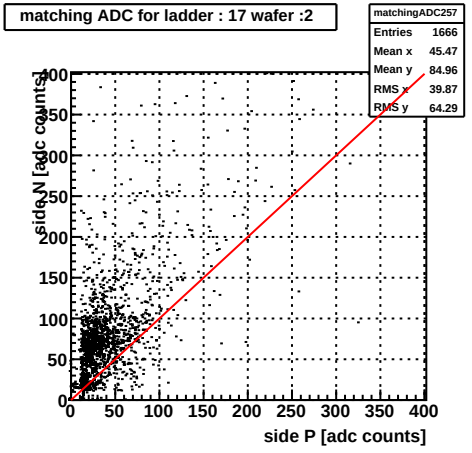

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 2228
Mean x 81.01
Mean y 71.54
RMS x 53.12
RMS y 55.01
side N [adc counts]
side P [adc counts]

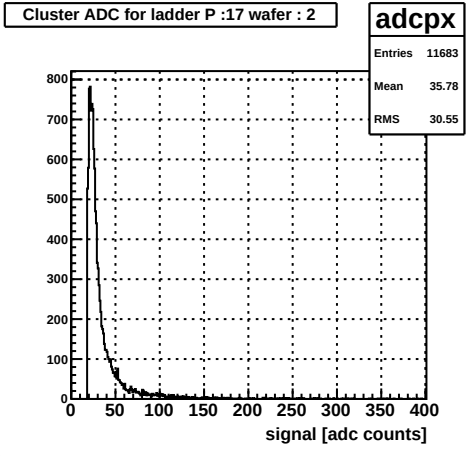

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 3547
Mean 91.39
RMS 68.58
signal [adc counts]

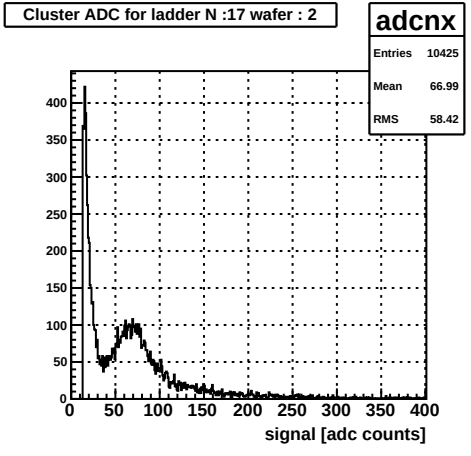

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 7474
Mean 64.36
RMS 54.08
signal [adc counts]

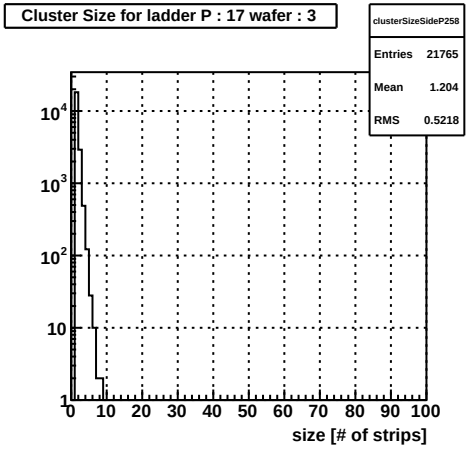

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 11683
Mean 1.132
RMS 0.4185
size [# of strips]

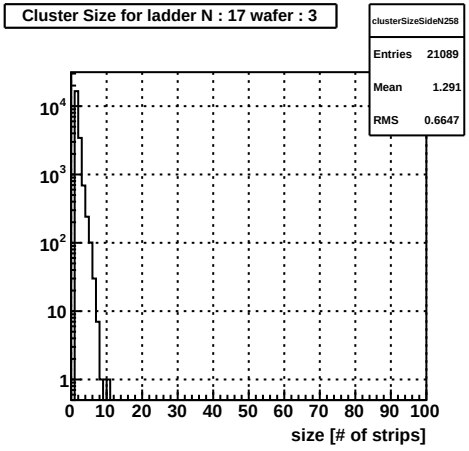

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 10425
Mean 1.538
RMS 0.8117
size [# of strips]

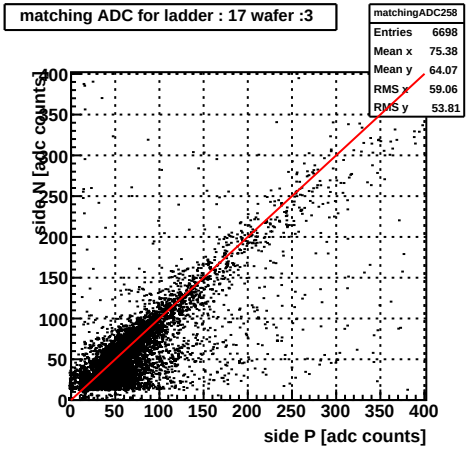

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 1666
Mean x 45.47
Mean y 84.96
RMS x 39.87
RMS y 64.29
side N [adc counts]
side P [adc counts]

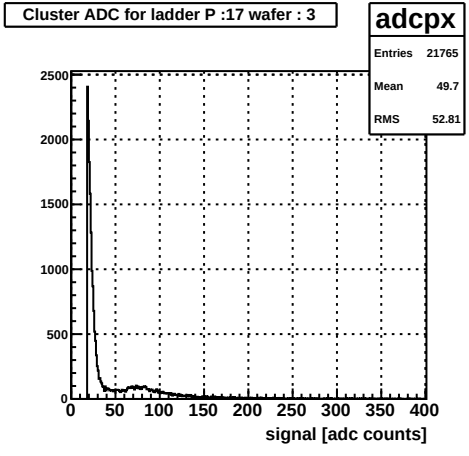

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 11683
Mean 35.78
RMS 30.55
signal [adc counts]

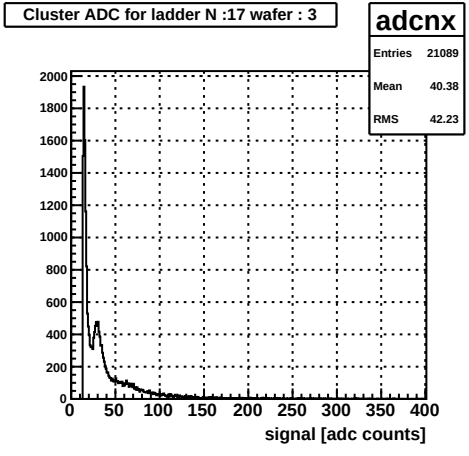

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 10425
Mean 66.99
RMS 58.42
signal [adc counts]

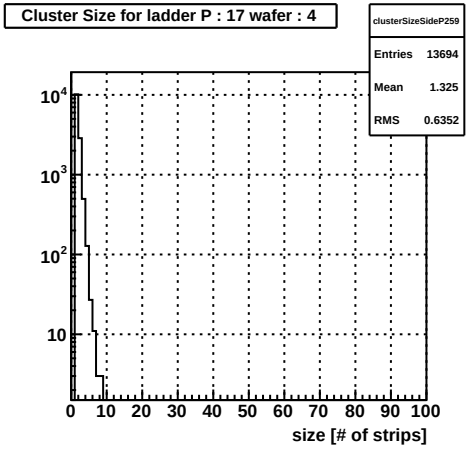

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 21765
Mean 1.204
RMS 0.5218
size [# of strips]

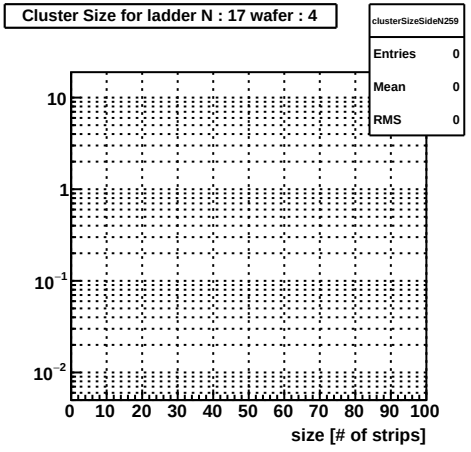

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 21089
Mean 1.291
RMS 0.6647
size [# of strips]

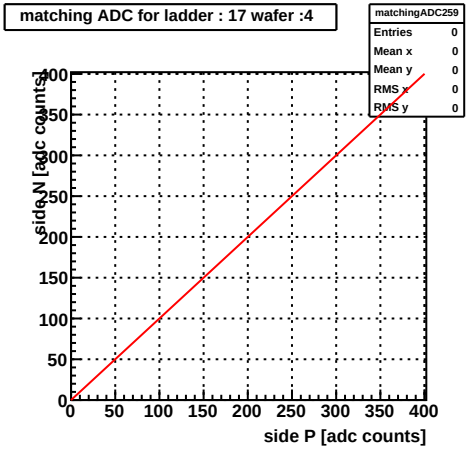

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 6698
Mean x 75.38
Mean y 64.07
RMS x 59.06
RMS y 53.81
side N [adc counts]
side P [adc counts]

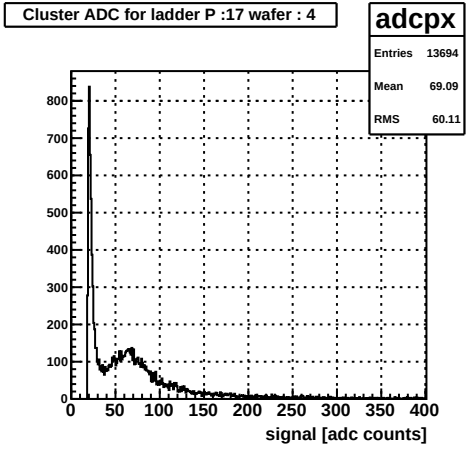

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 21765
Mean 49.7
RMS 52.81
signal [adc counts]

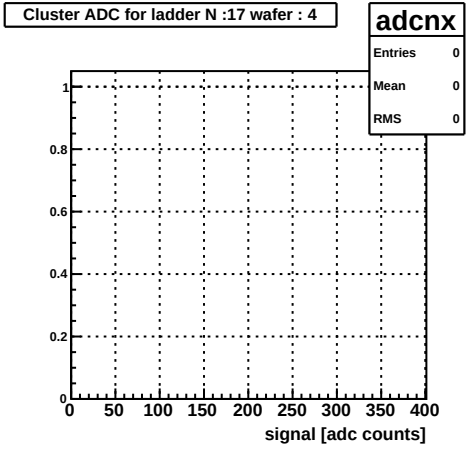

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 21089
Mean 40.38
RMS 42.23
signal [adc counts]

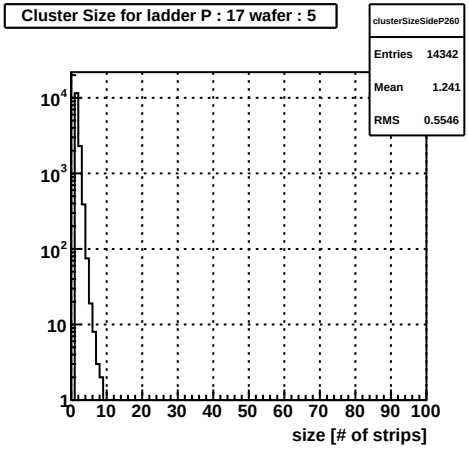

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 13694
Mean 1.325
RMS 0.6352
size [# of strips]

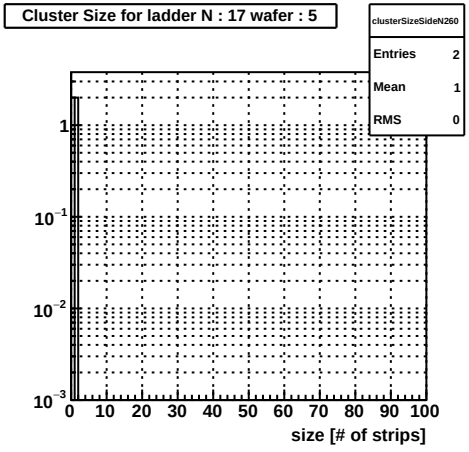

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

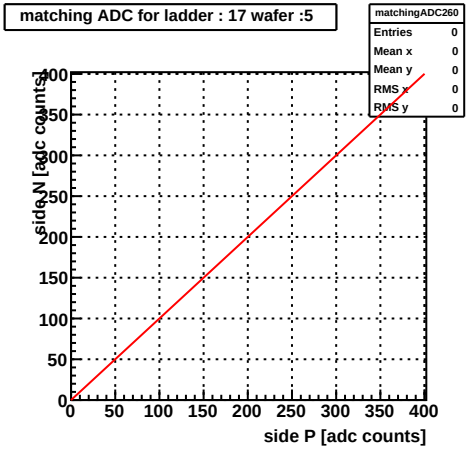

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

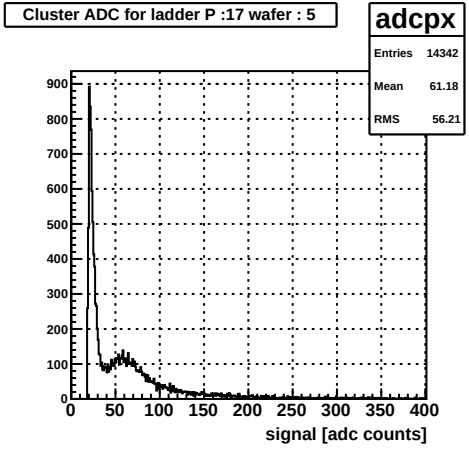

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 13694
Mean 69.09
RMS 60.11
signal [adc counts]

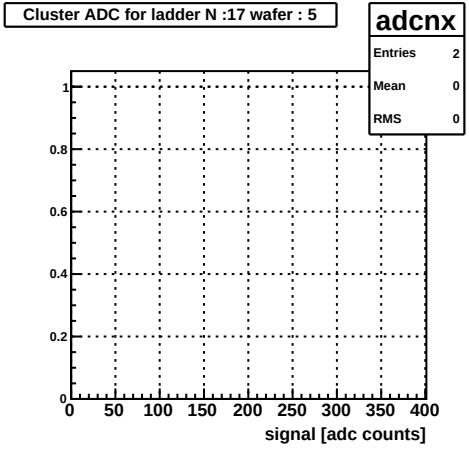

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

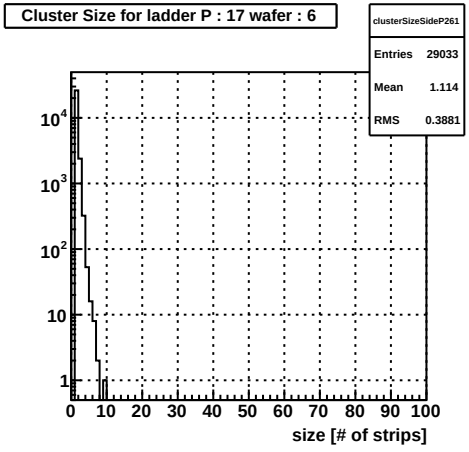

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 14342
Mean 1.241
RMS 0.5546
size [# of strips]

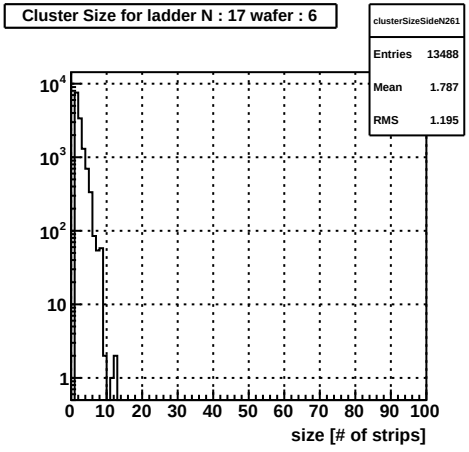

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 2
Mean 1
RMS 0
size [# of strips]

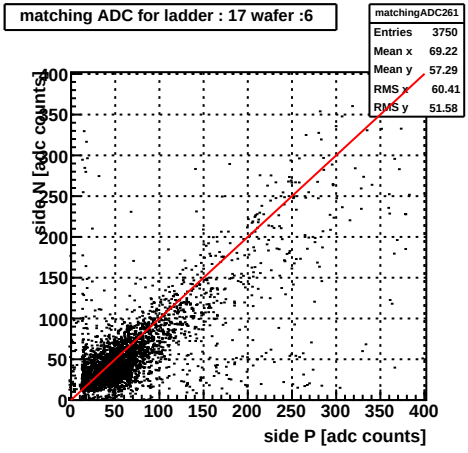

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

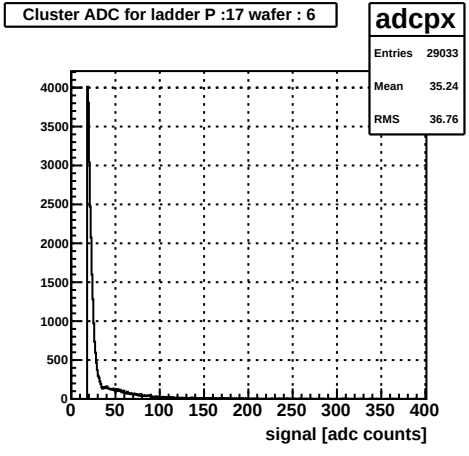

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 14342
Mean 61.18
RMS 56.21
signal [adc counts]

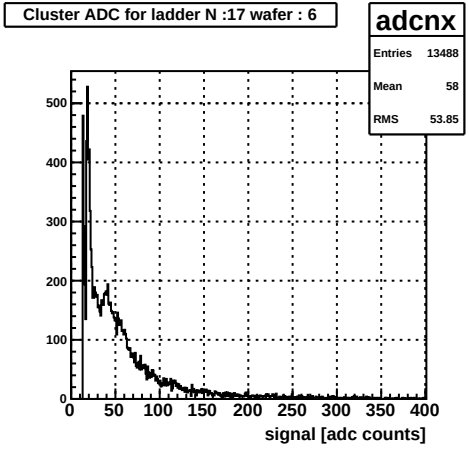

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

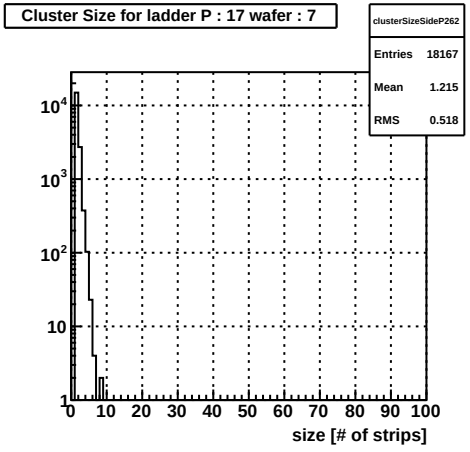

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 29033
Mean 1.114
RMS 0.3881
size [# of strips]

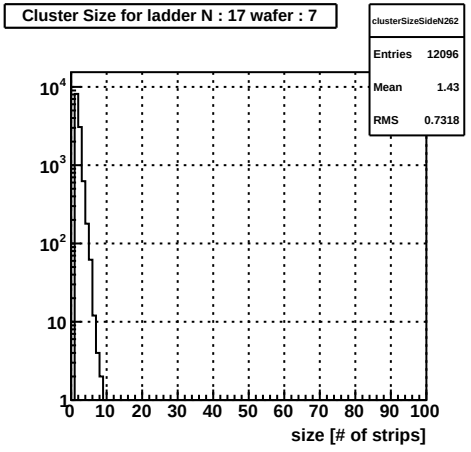

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 13488
Mean 1.787
RMS 1.195
size [# of strips]

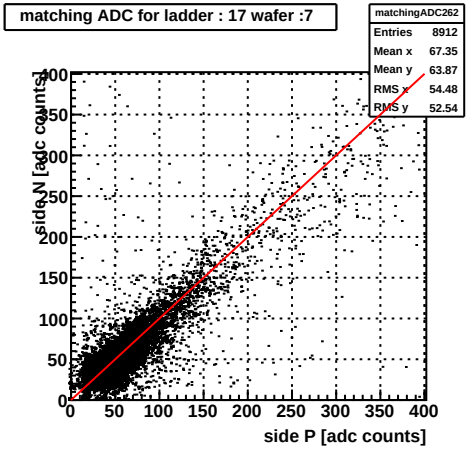

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 3750
Mean x 69.22
Mean y 57.29
RMS x 60.41
RMS y 51.58
side N [adc counts]
side P [adc counts]

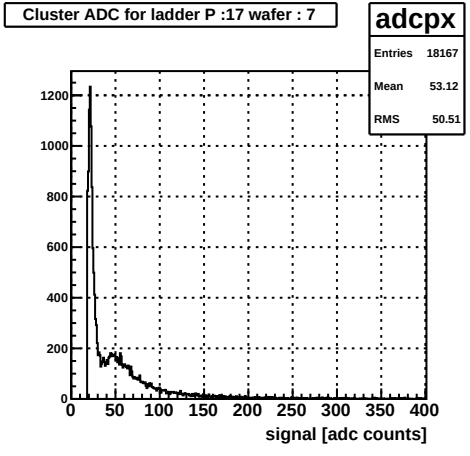

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 29033
Mean 35.24
RMS 36.76
signal [adc counts]

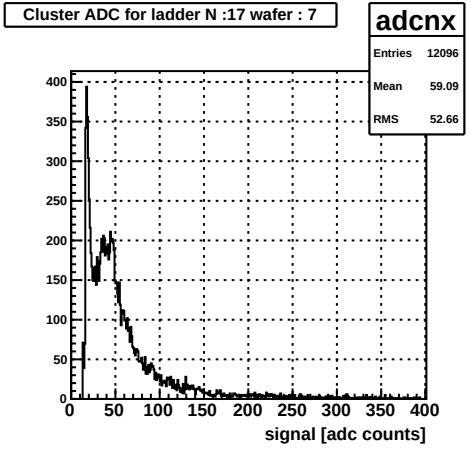

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 13488
Mean 58
RMS 53.85
signal [adc counts]

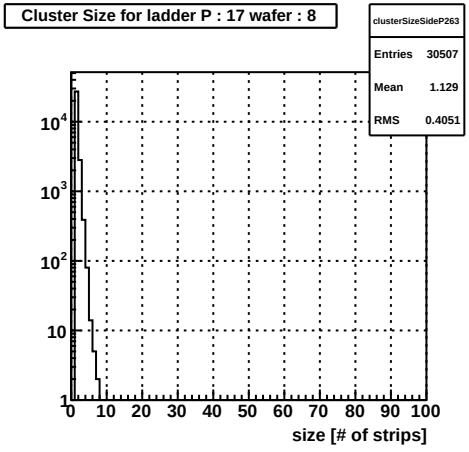

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 18167
Mean 1.215
RMS 0.518
size [# of strips]

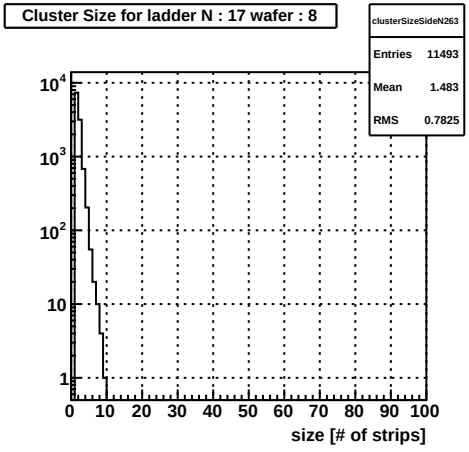

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 12096
Mean 1.43
RMS 0.7318
size [# of strips]

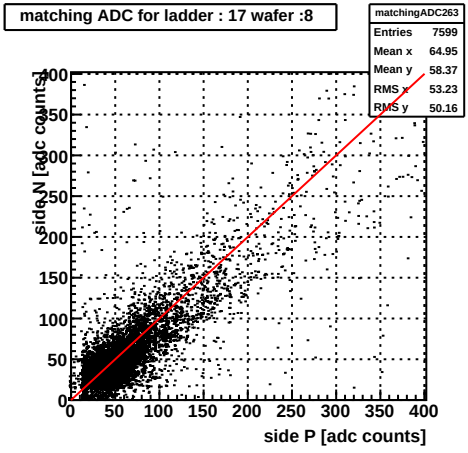

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 8912
Mean x 67.35
Mean y 63.87
RMS x 54.48
RMS y 52.54
side N [adc counts]
side P [adc counts]

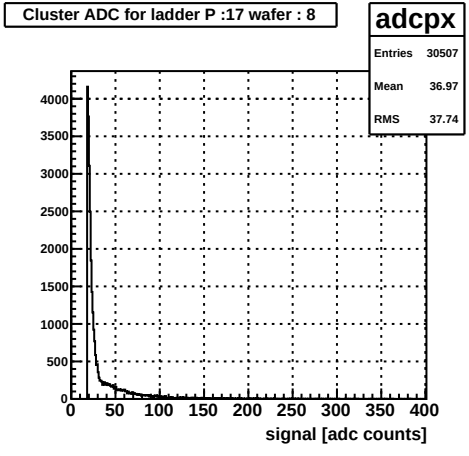

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 18167
Mean 53.12
RMS 50.51
signal [adc counts]

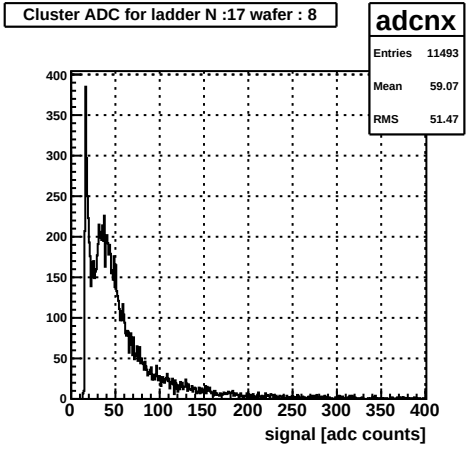

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 12096
Mean 59.09
RMS 52.66
signal [adc counts]

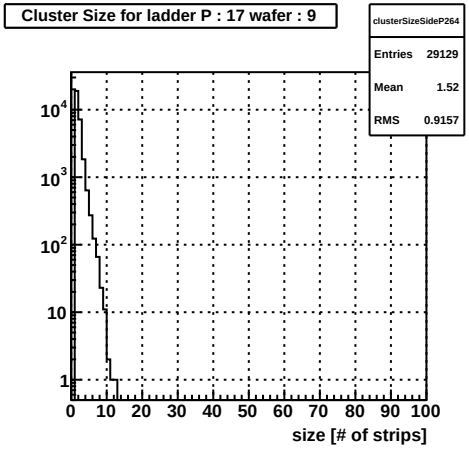

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 30507
Mean 1.129
RMS 0.4051
size [# of strips]

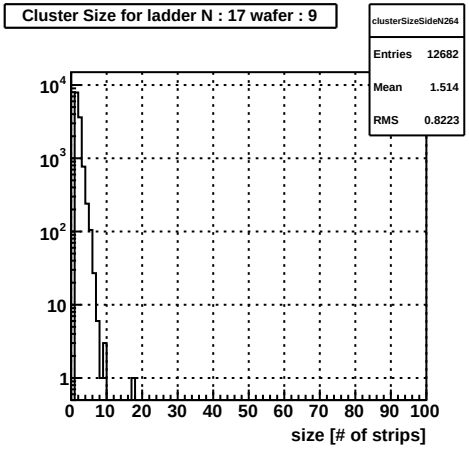

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 11493
Mean 1.483
RMS 0.7825
size [# of strips]

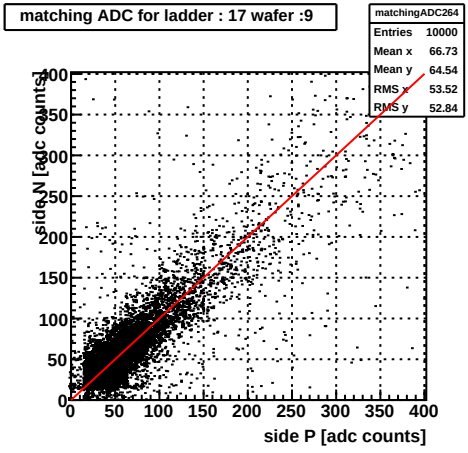

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 7599
Mean x 64.95
Mean y 58.37
RMS x 53.23
RMS y 50.16
side N [adc counts]
side P [adc counts]

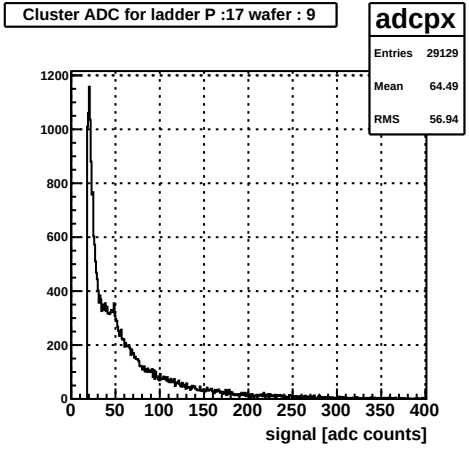

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 30507
Mean 36.97
RMS 37.74
signal [adc counts]

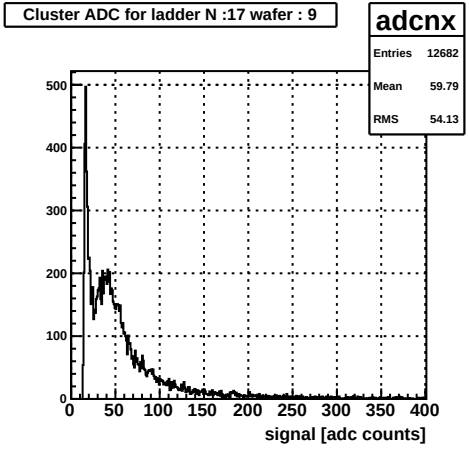

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 11493
Mean 59.07
RMS 51.47
signal [adc counts]

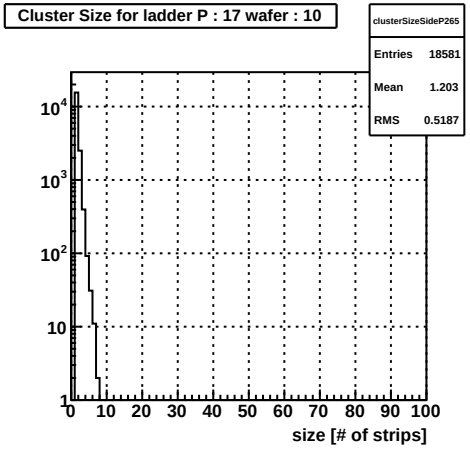

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 29129
Mean 1.52
RMS 0.9157
size [# of strips]

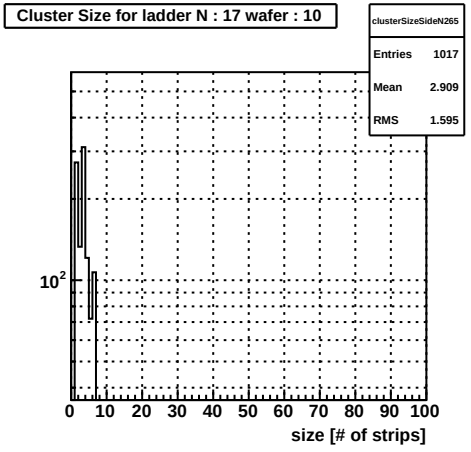

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 12682
Mean 1.514
RMS 0.8223
size [# of strips]

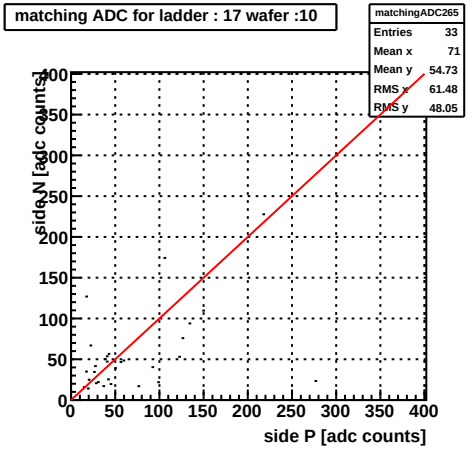

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 10000
Mean x 66.73
Mean y 64.54
RMS x 53.52
RMS y 52.84
side N [adc counts]
side P [adc counts]

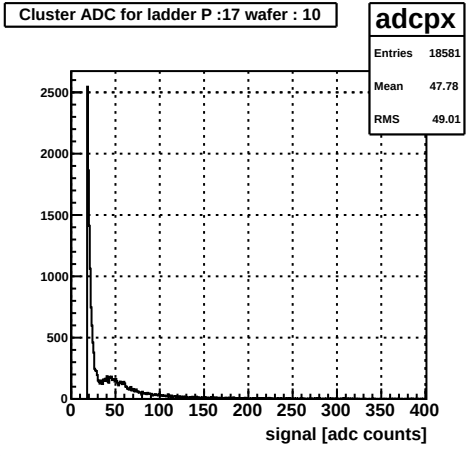

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 29129
Mean 64.49
RMS 56.94
signal [adc counts]

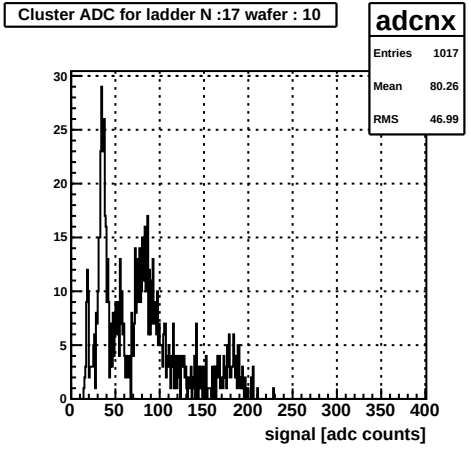

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 12682
Mean 59.79
RMS 54.13
signal [adc counts]

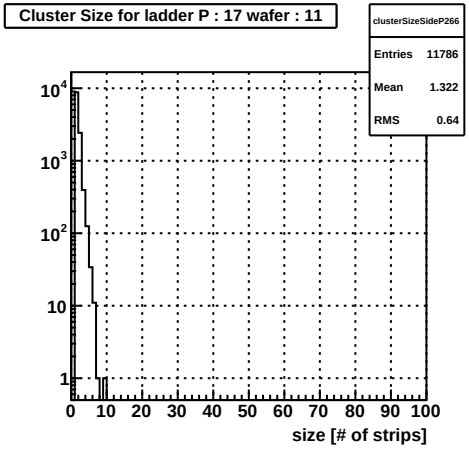

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 18581
Mean 1.203
RMS 0.5187
size [# of strips]

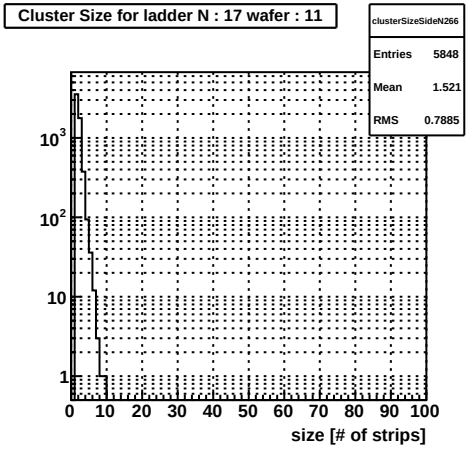

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 1017
Mean 2.909
RMS 1.595
size [# of strips]

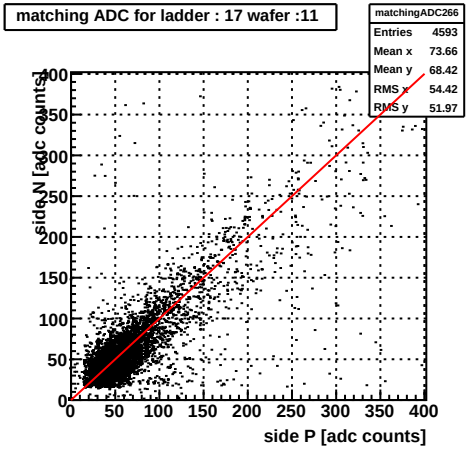

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 33
Mean x 71
Mean y 54.73
RMS x 61.48
RMS y 48.05
side N [adc counts]
side P [adc counts]

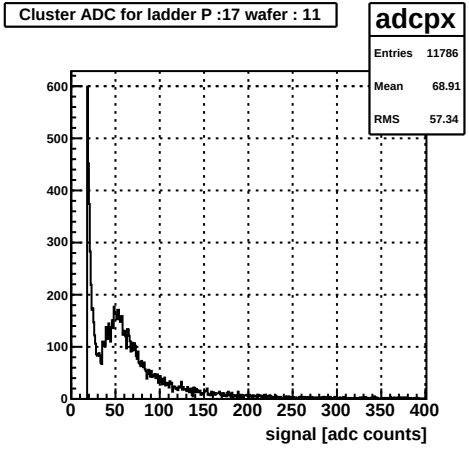

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 18581
Mean 47.78
RMS 49.01
signal [adc counts]

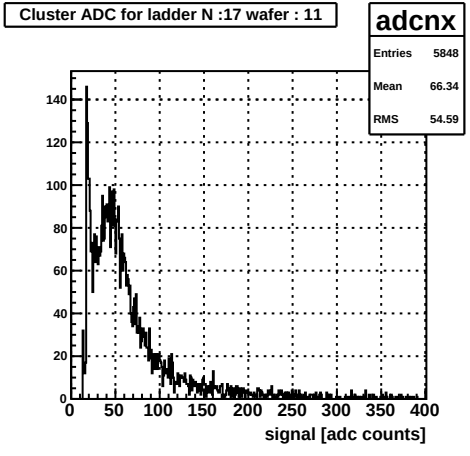

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 1017
Mean 80.26
RMS 46.99
signal [adc counts]

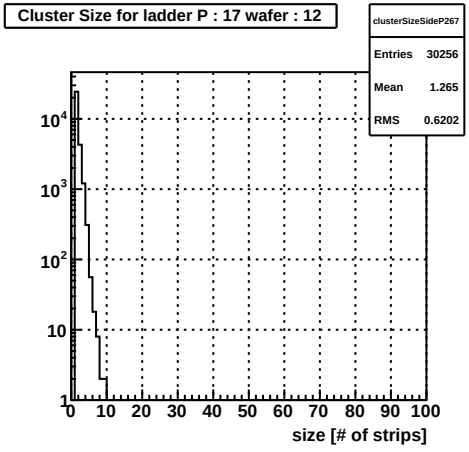

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 11786
Mean 1.322
RMS 0.64
size [# of strips]

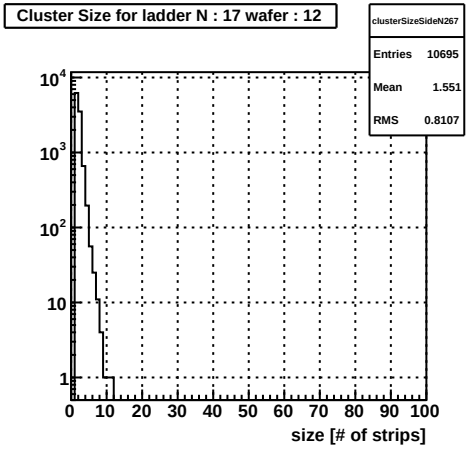

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 5848
Mean 1.521
RMS 0.7885
size [# of strips]

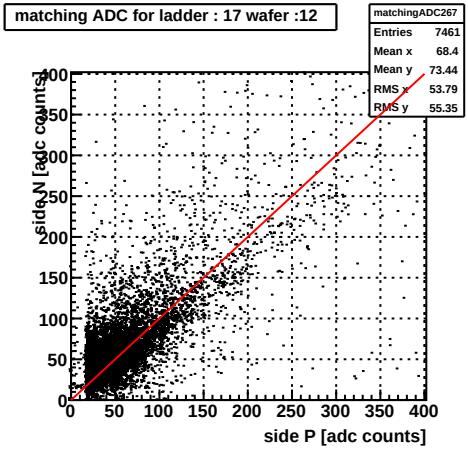

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 4593
Mean x 73.66
Mean y 68.42
RMS x 54.42
RMS y 51.97
side N [adc counts]
side P [adc counts]

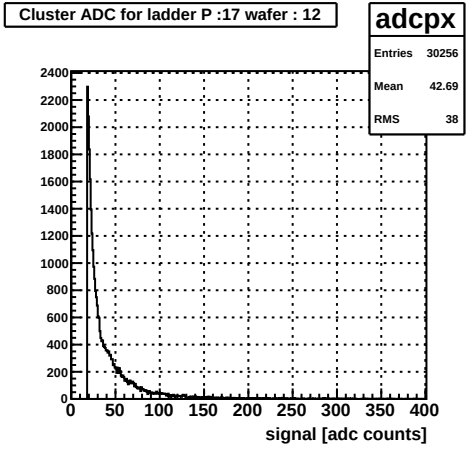

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 11786
Mean 68.91
RMS 57.34
signal [adc counts]

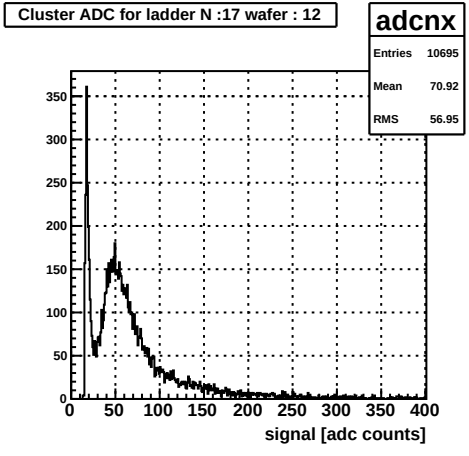

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 5848
Mean 66.34
RMS 54.59
signal [adc counts]

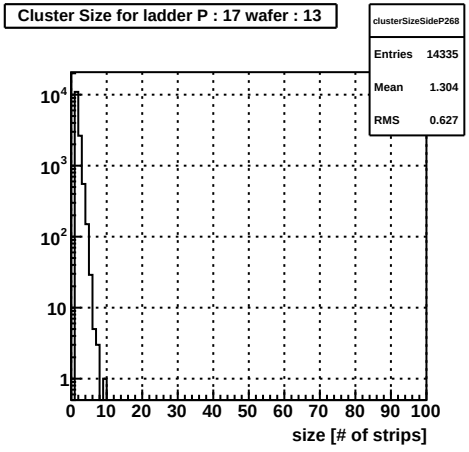

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 30256
Mean 1.265
RMS 0.6202
size [# of strips]

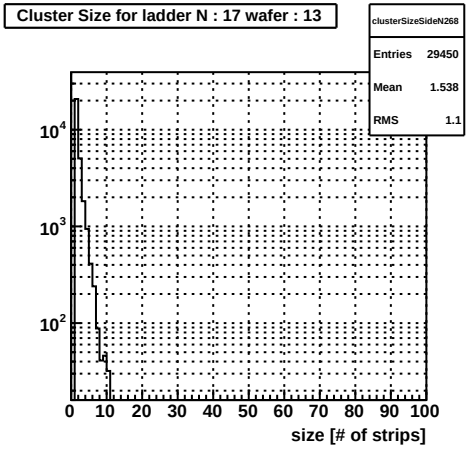

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 10695
Mean 1.551
RMS 0.8107
size [# of strips]

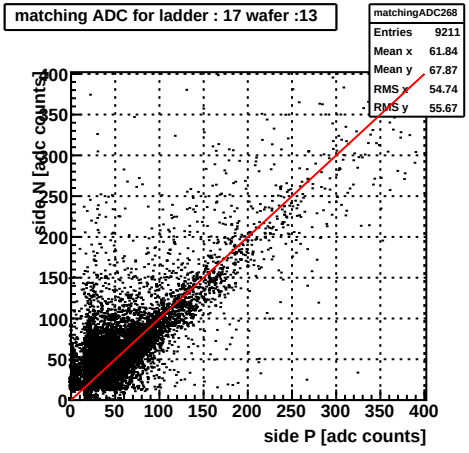

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 7461
Mean x 68.4
Mean y 73.44
RMS x 53.79
RMS y 55.35
side N [adc counts]
side P [adc counts]

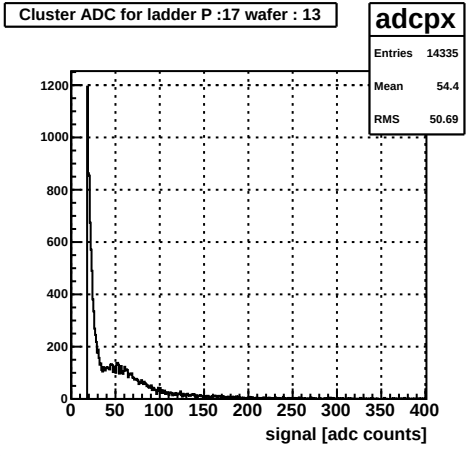

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 30256
Mean 42.69
RMS 38
signal [adc counts]

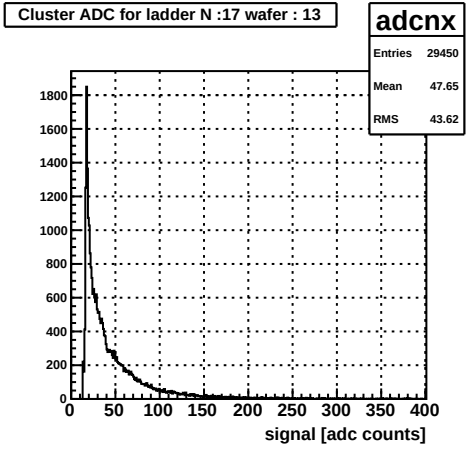

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 10695
Mean 70.92
RMS 56.95
signal [adc counts]

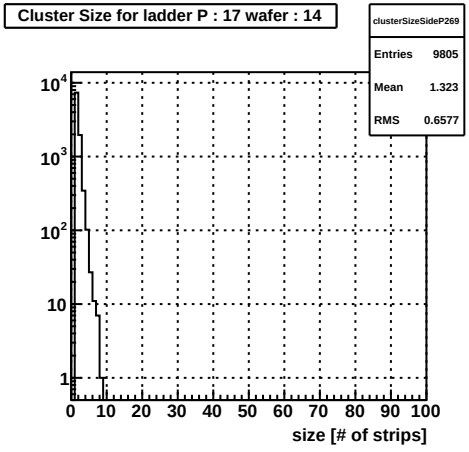

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 14335
Mean 1.304
RMS 0.627
size [# of strips]

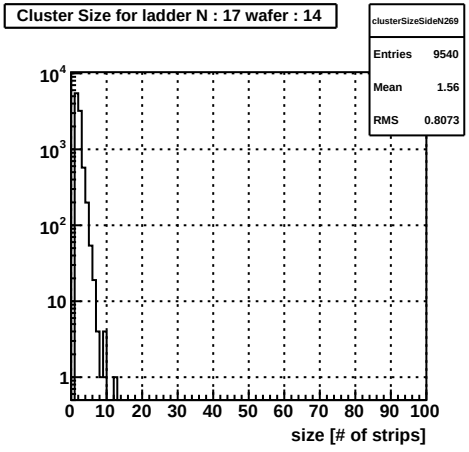

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 29450
Mean 1.538
RMS 1.1
size [# of strips]

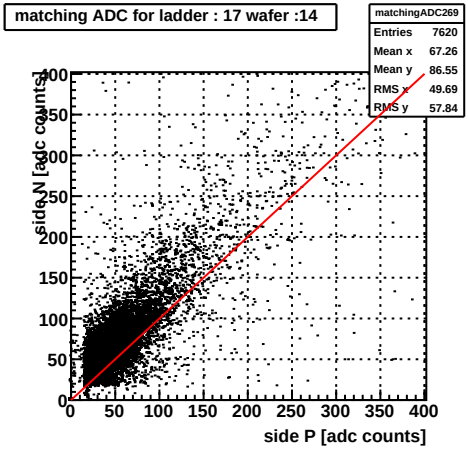

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 9211
Mean x 61.84
Mean y 67.87
RMS x 54.74
RMS y 55.67
side N [adc counts]
side P [adc counts]

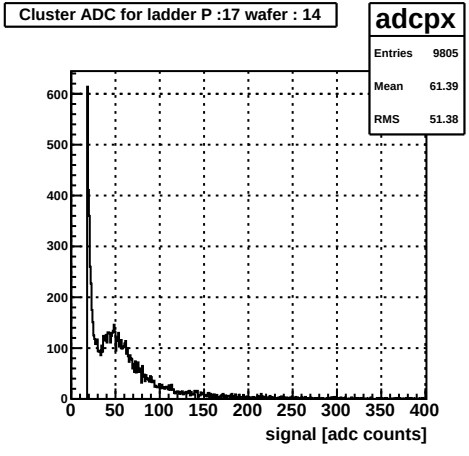

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 14335
Mean 54.4
RMS 50.69
signal [adc counts]

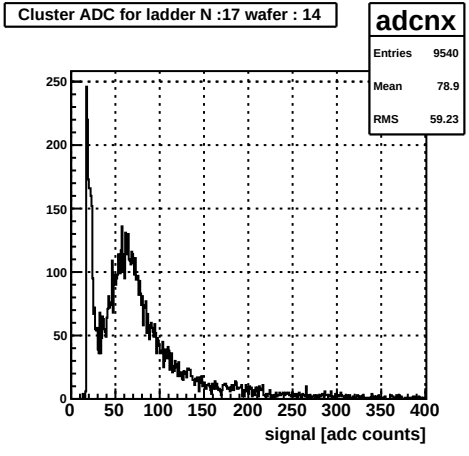

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 29450
Mean 47.65
RMS 43.62
signal [adc counts]

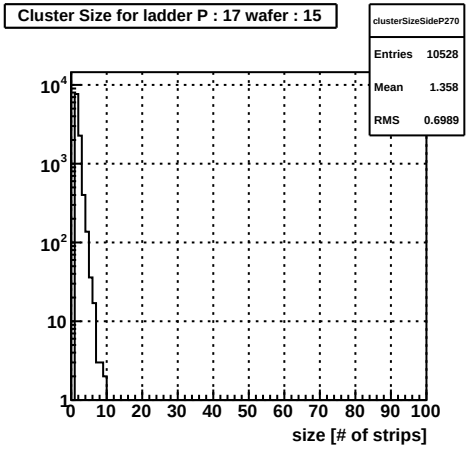

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 9805
Mean 1.323
RMS 0.6577
size [# of strips]

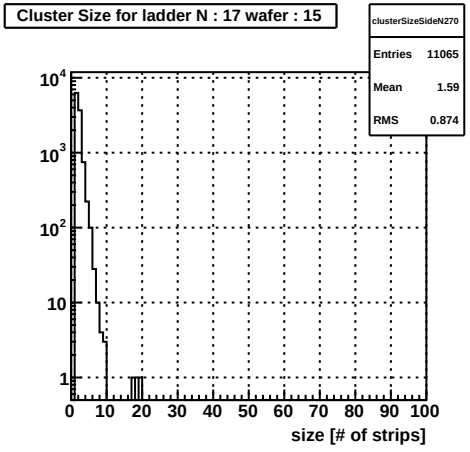

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 9540
Mean 1.56
RMS 0.8073
size [# of strips]

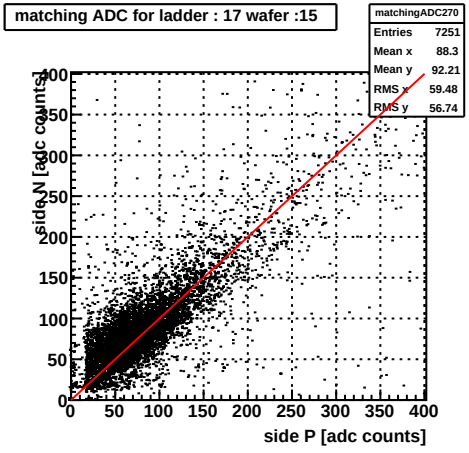

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 7620
Mean x 67.26
Mean y 86.55
RMS x 49.69
RMS y 57.84
side N [adc counts]
side P [adc counts]

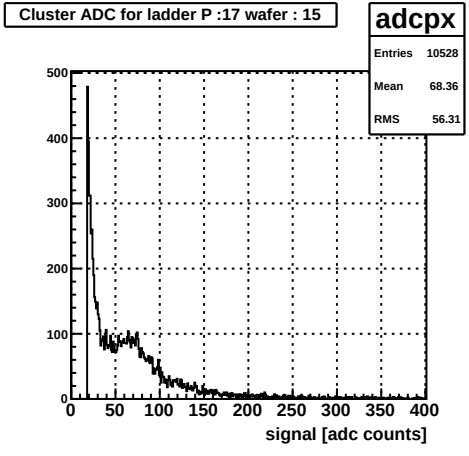

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 9805
Mean 61.39
RMS 51.38
signal [adc counts]

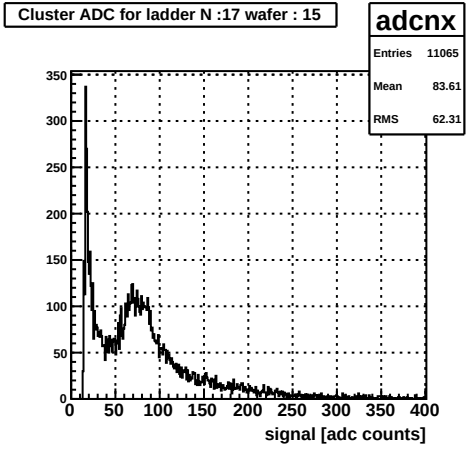

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 9540
Mean 78.9
RMS 59.23
signal [adc counts]

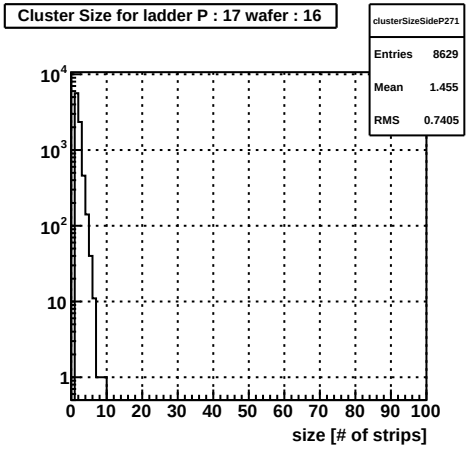

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 10528
Mean 1.358
RMS 0.6989
size [# of strips]

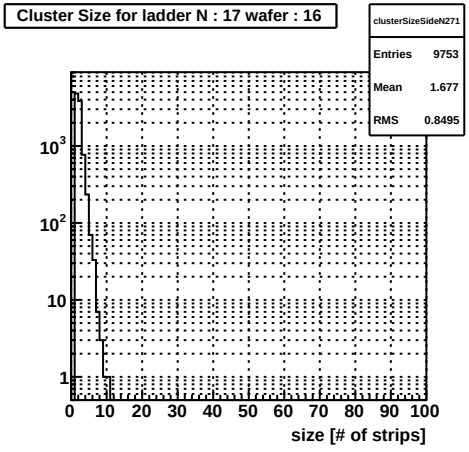

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 11065
Mean 1.59
RMS 0.874
size [# of strips]

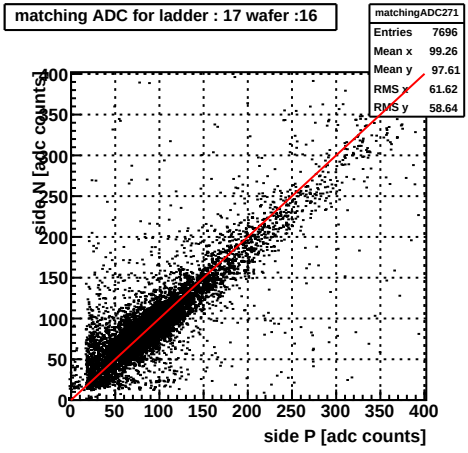

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 7251
Mean x 88.3
Mean y 92.21
RMS x 59.48
RMS y 56.74
side N [adc counts]
side P [adc counts]

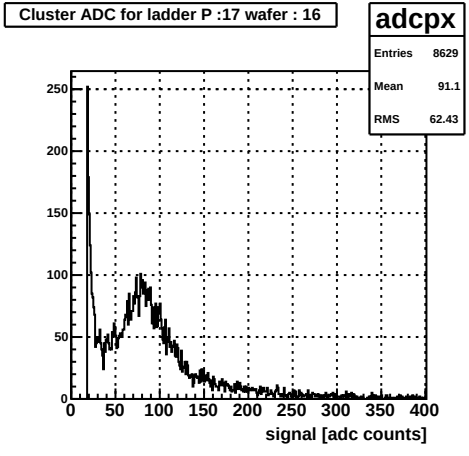

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 10528
Mean 68.36
RMS 56.31
signal [adc counts]

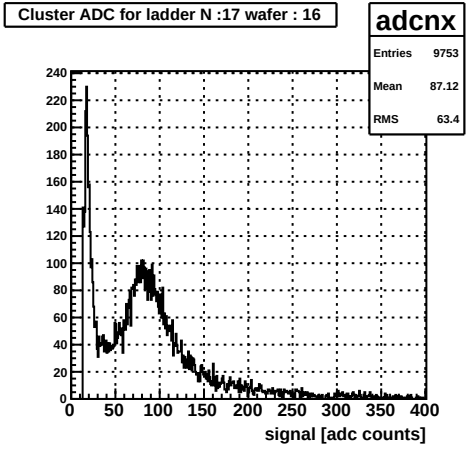

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 11065
Mean 83.61
RMS 62.31
signal [adc counts]

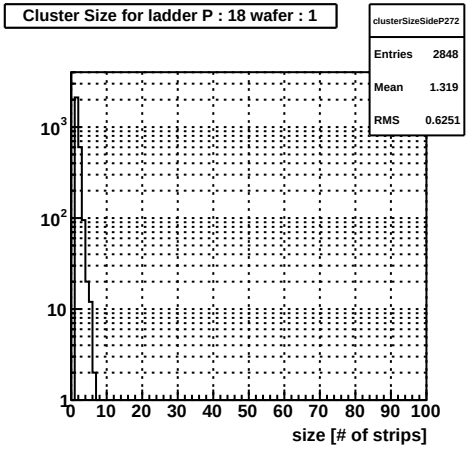

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 8629
Mean 1.455
RMS 0.7405
size [# of strips]

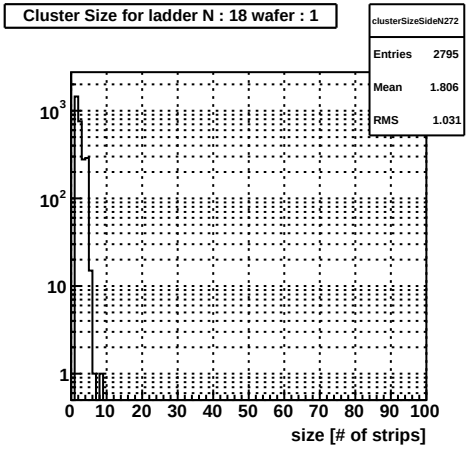

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 9753
Mean 1.677
RMS 0.8495
size [# of strips]

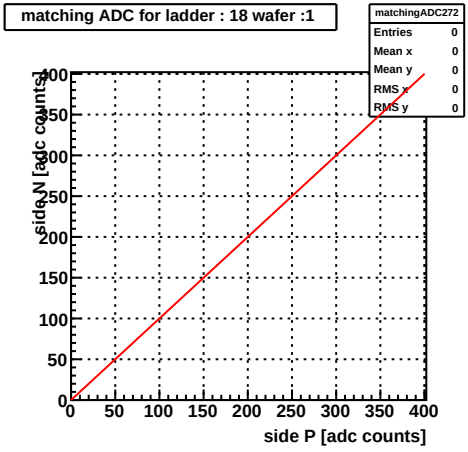

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 7696
Mean x 99.26
Mean y 97.61
RMS x 61.62
RMS y 58.64
side N [adc counts]
side P [adc counts]

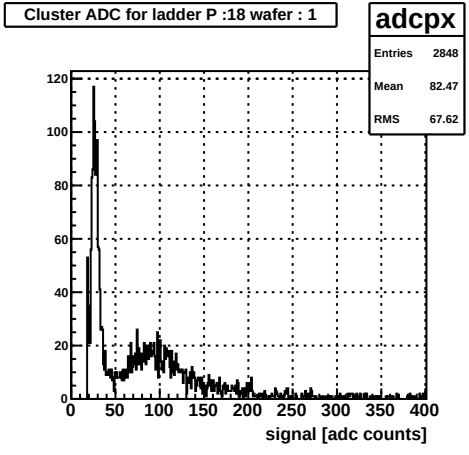

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 8629
Mean 91.1
RMS 62.43
signal [adc counts]

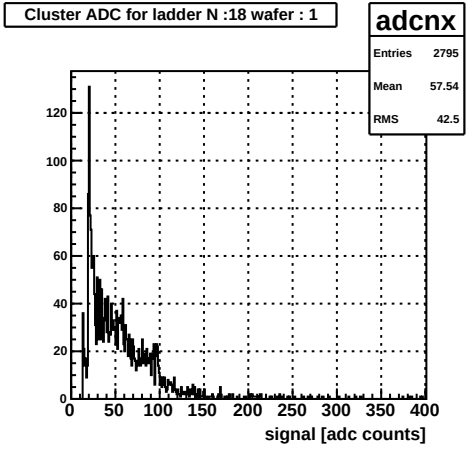

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 9753
Mean 87.12
RMS 63.4
signal [adc counts]

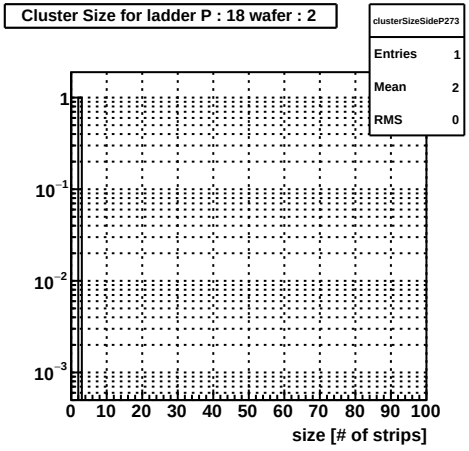

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 2848
Mean 1.319
RMS 0.6251
size [# of strips]

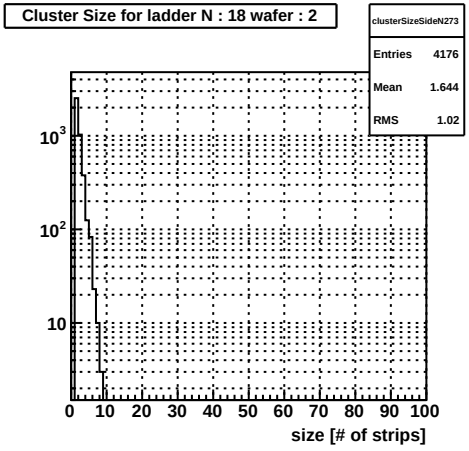

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 2795
Mean 1.806
RMS 1.031
size [# of strips]

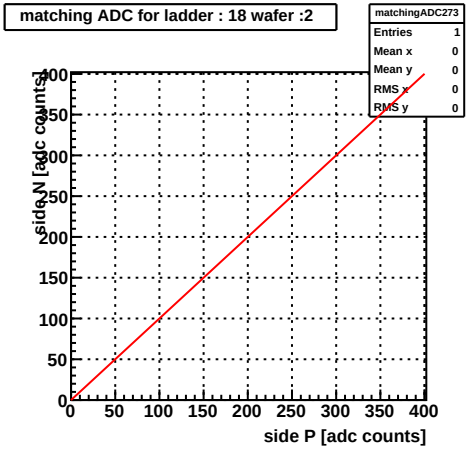

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

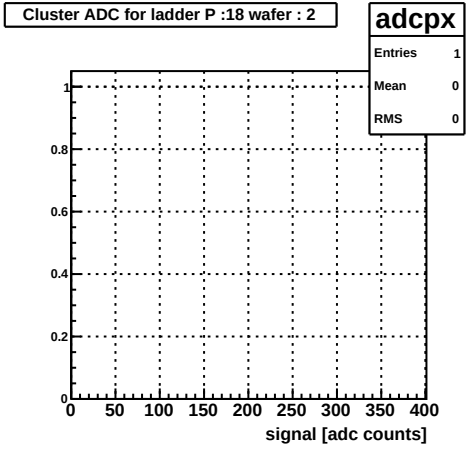

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 2848
Mean 82.47
RMS 67.62
signal [adc counts]

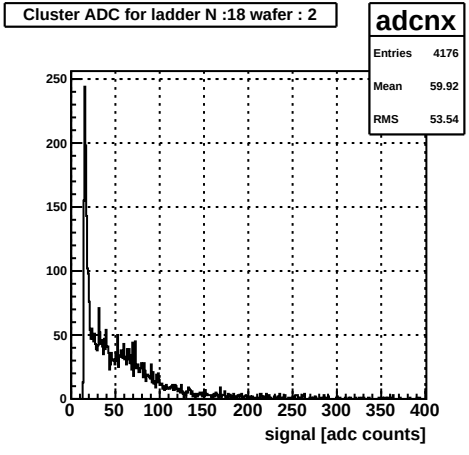

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 2795
Mean 57.54
RMS 42.5
signal [adc counts]

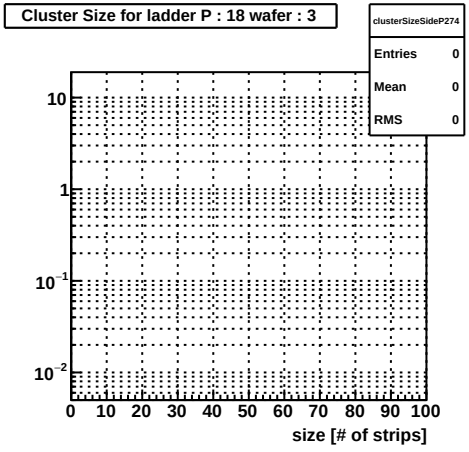

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 1
Mean 2
RMS 0
size [# of strips]

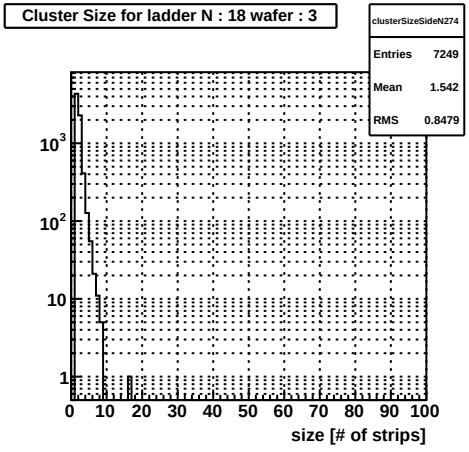

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 4176
Mean 1.644
RMS 1.02
size [# of strips]

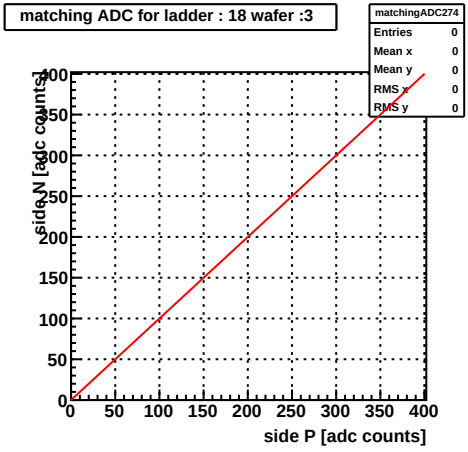

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

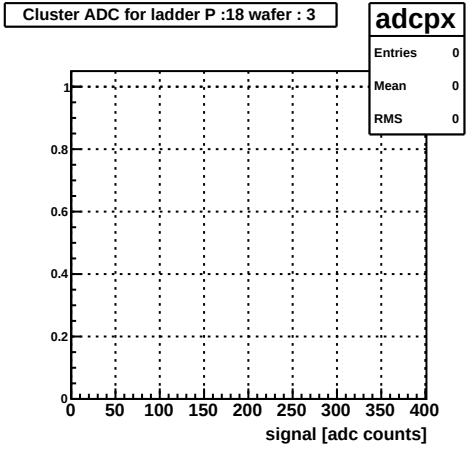

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

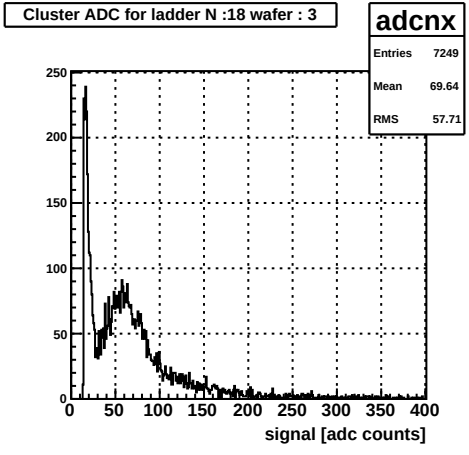

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 4176
Mean 59.92
RMS 53.54
signal [adc counts]

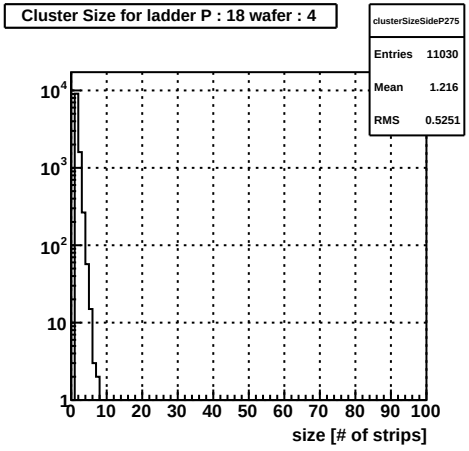

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

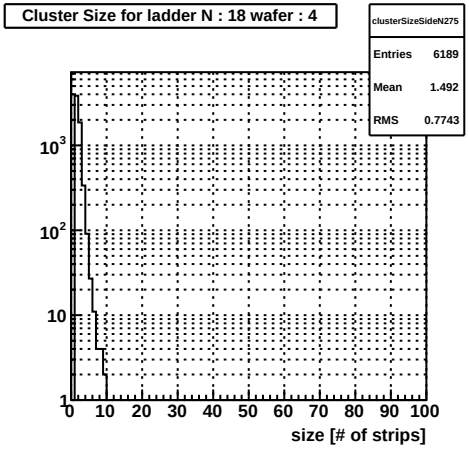

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 7249
Mean 1.542
RMS 0.8479
size [# of strips]

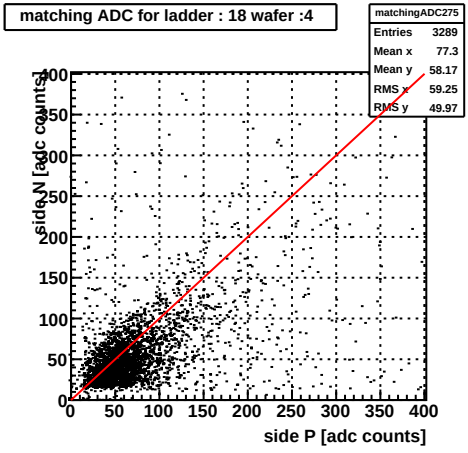

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

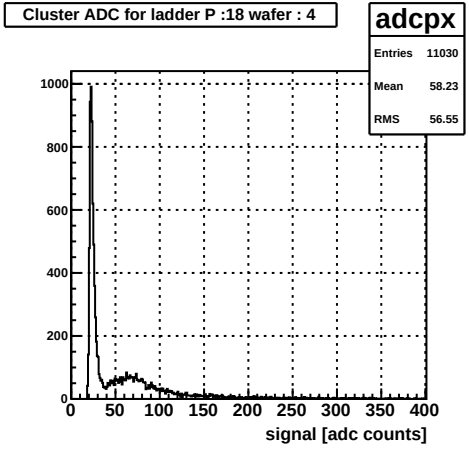

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

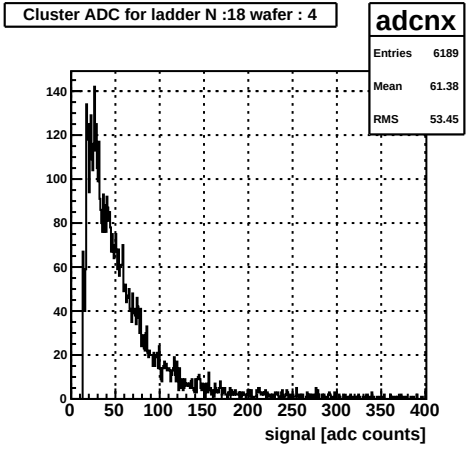

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 7249
Mean 69.64
RMS 57.71
signal [adc counts]

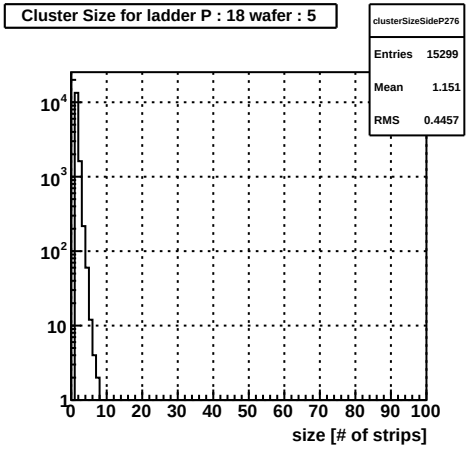

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 11030
Mean 1.216
RMS 0.5251
size [# of strips]

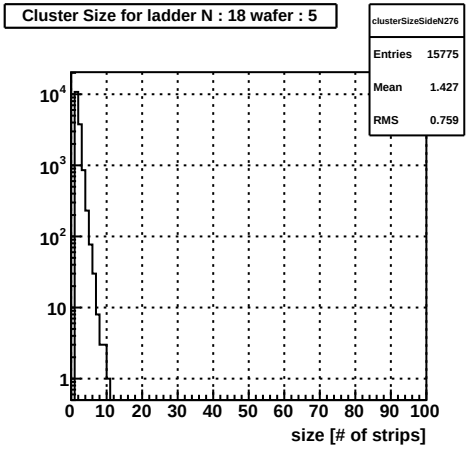

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 6189
Mean 1.492
RMS 0.7743
size [# of strips]

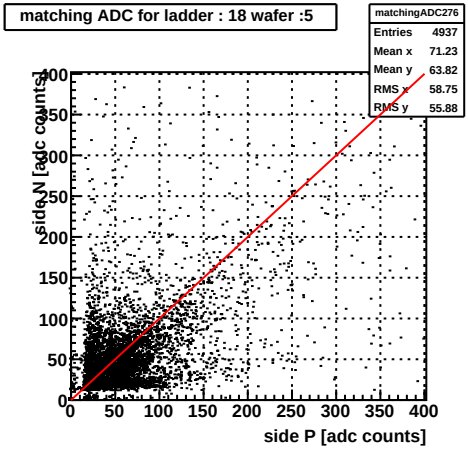

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 3289
Mean x 77.3
Mean y 58.17
RMS x 59.25
RMS y 49.97
side N [adc counts]
side P [adc counts]

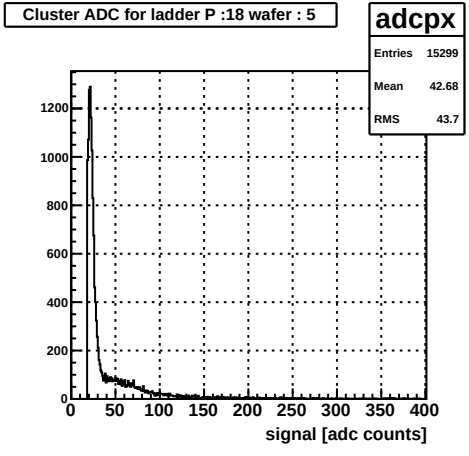

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 11030
Mean 58.23
RMS 56.55
signal [adc counts]

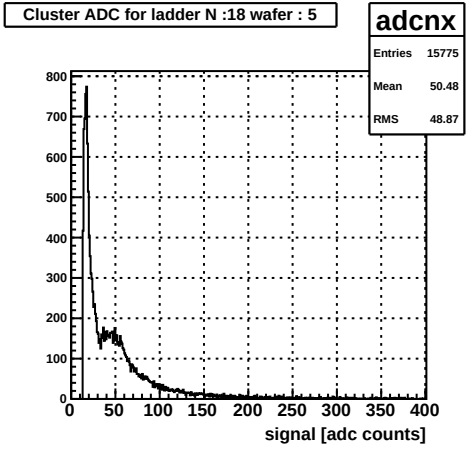

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 6189
Mean 61.38
RMS 53.45
signal [adc counts]

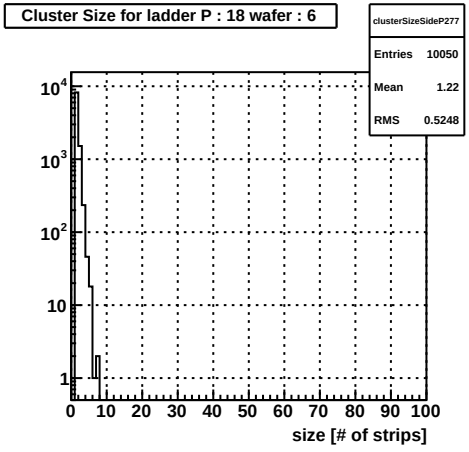

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 15299
Mean 1.151
RMS 0.4457
size [# of strips]

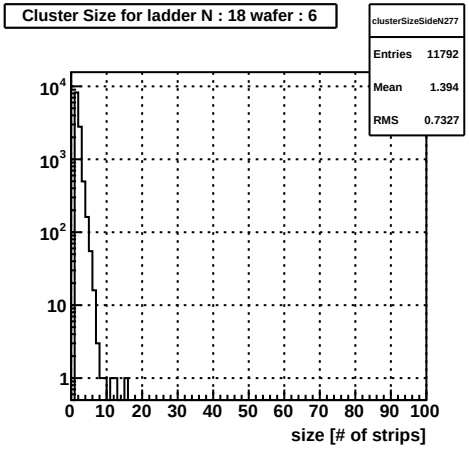

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 15775
Mean 1.427
RMS 0.759
size [# of strips]

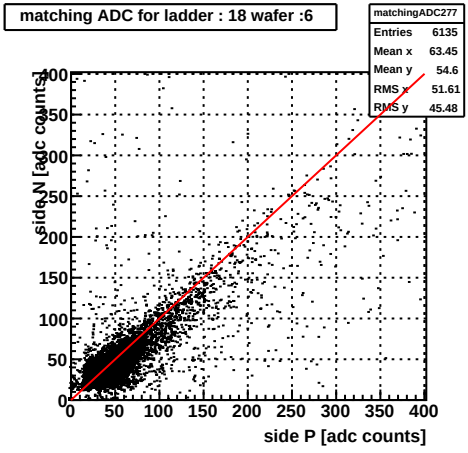

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 4937
Mean x 71.23
Mean y 63.82
RMS x 58.75
RMS y 55.88
side N [adc counts]
side P [adc counts]

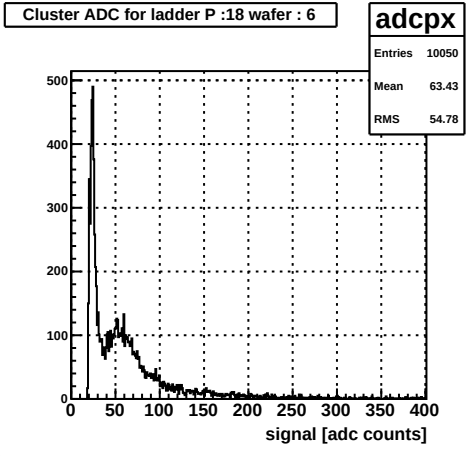

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 15299
Mean 42.68
RMS 43.7
signal [adc counts]

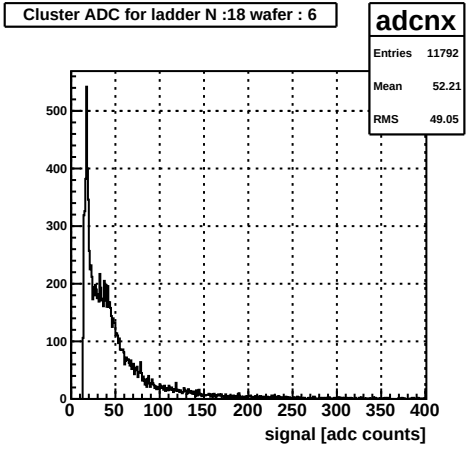

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 15775
Mean 50.48
RMS 48.87
signal [adc counts]

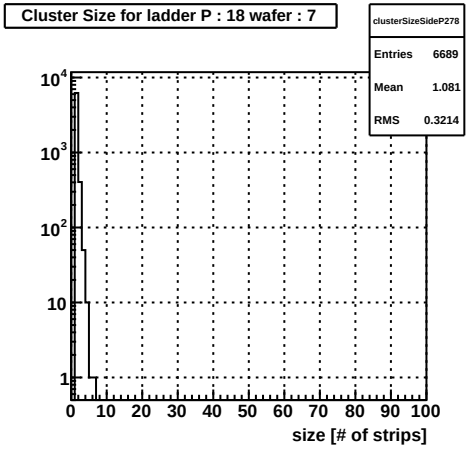

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 10050
Mean 1.22
RMS 0.5248
size [# of strips]

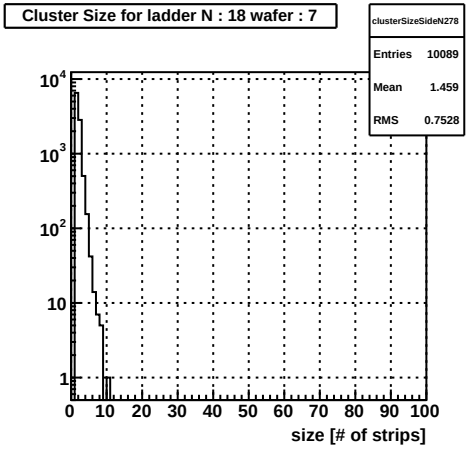

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 11792
Mean 1.394
RMS 0.7327
size [# of strips]

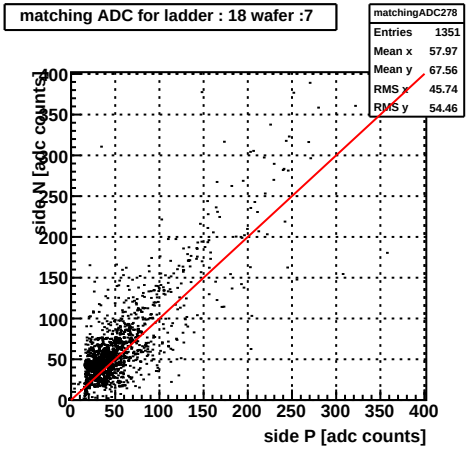

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 6135
Mean x 63.45
Mean y 54.6
RMS x 51.61
RMS y 45.48
side N [adc counts]
side P [adc counts]

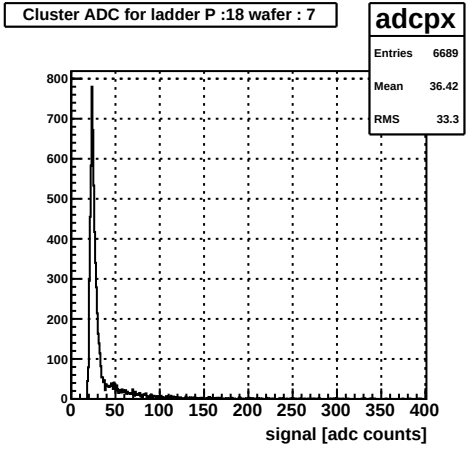

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 10050
Mean 63.43
RMS 54.78
signal [adc counts]

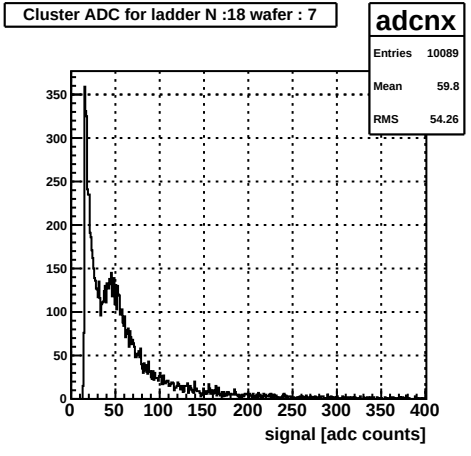

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 11792
Mean 52.21
RMS 49.05
signal [adc counts]

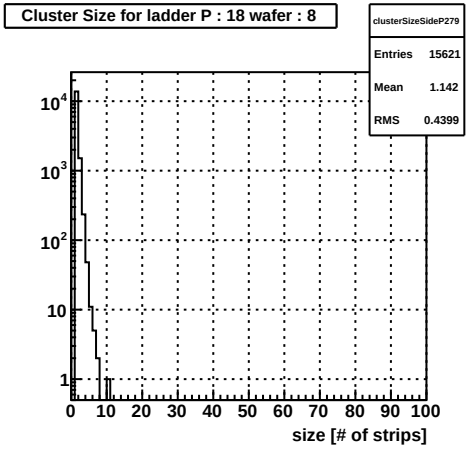

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 6689
Mean 1.081
RMS 0.3214
size [# of strips]

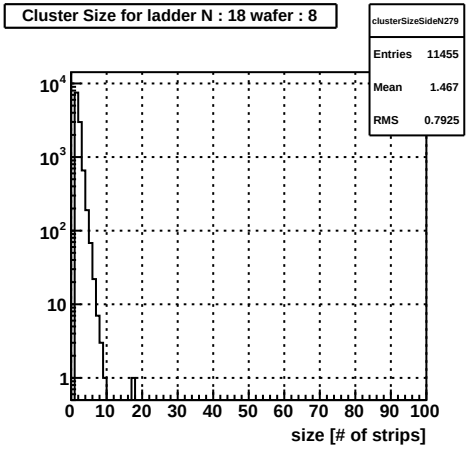

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 10089
Mean 1.459
RMS 0.7528
size [# of strips]

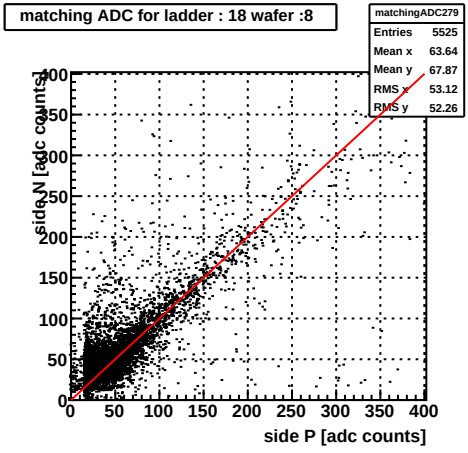

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 1351
Mean x 57.97
Mean y 67.56
RMS x 45.74
RMS y 54.46
side N [adc counts]
side P [adc counts]

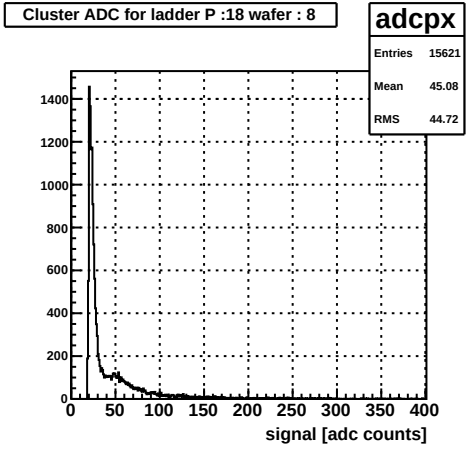

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 6689
Mean 36.42
RMS 33.3
signal [adc counts]

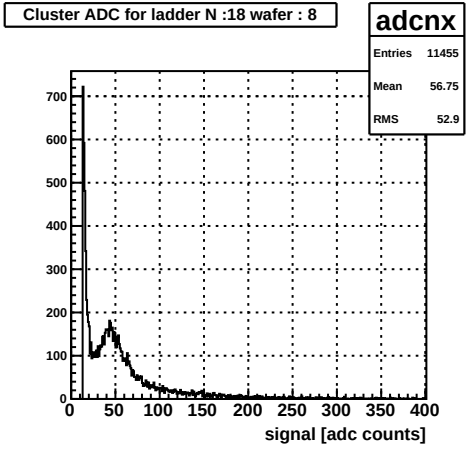

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 10089
Mean 59.8
RMS 54.26
signal [adc counts]

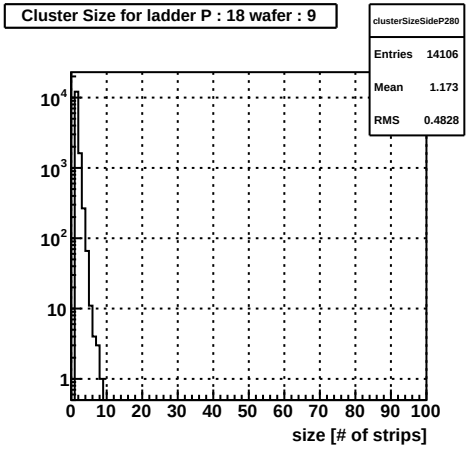

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 15621
Mean 1.142
RMS 0.4399
size [# of strips]

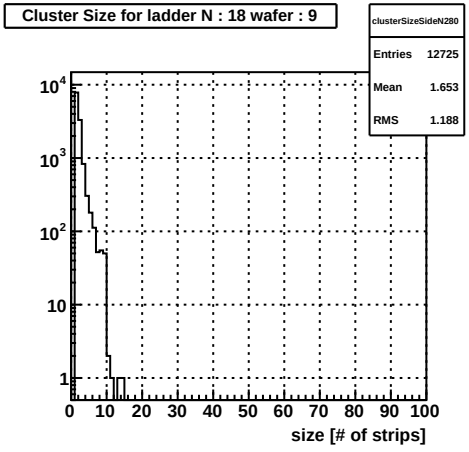

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 11455
Mean 1.467
RMS 0.7925
size [# of strips]

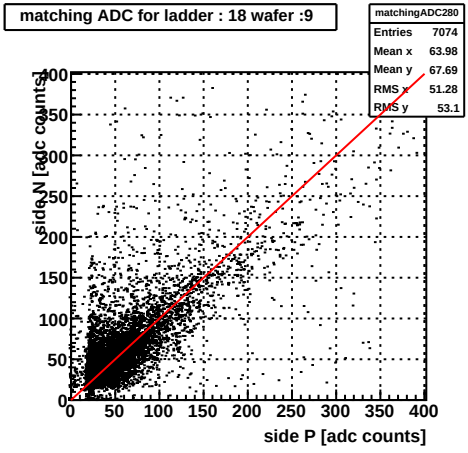

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 5525
Mean x 63.64
Mean y 67.87
RMS x 53.12
RMS y 52.26
side N [adc counts]
side P [adc counts]

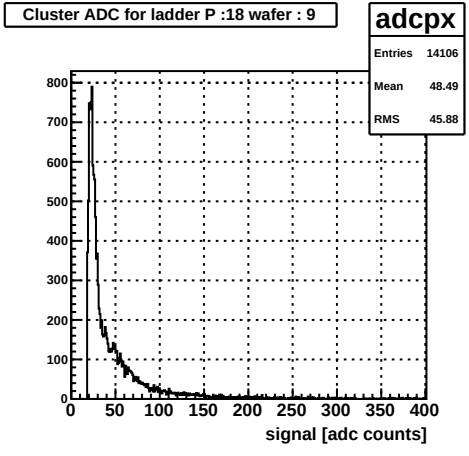

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 15621
Mean 45.08
RMS 44.72
signal [adc counts]

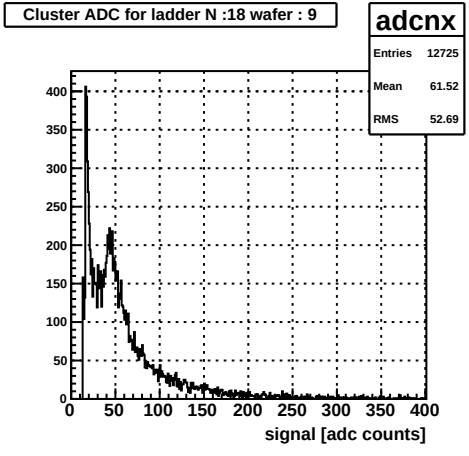

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 11455
Mean 56.75
RMS 52.9
signal [adc counts]

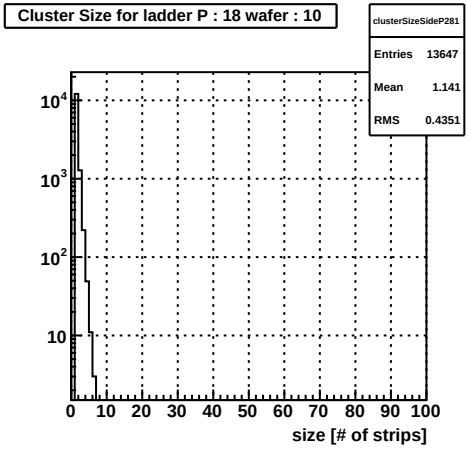

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 14106
Mean 1.173
RMS 0.4828
size [# of strips]

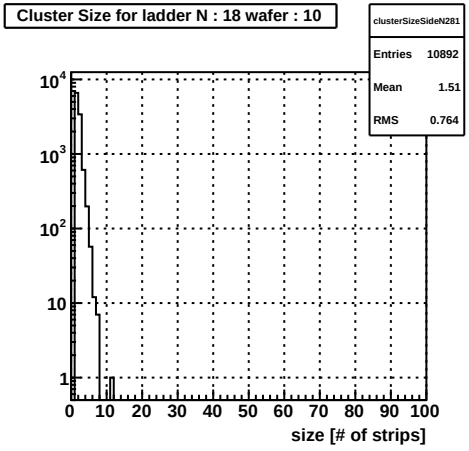

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 12725
Mean 1.653
RMS 1.188
size [# of strips]

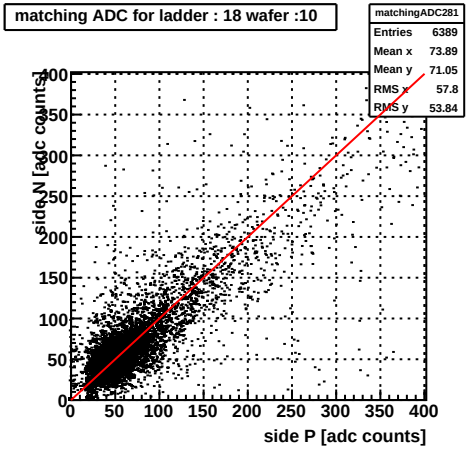

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 7074
Mean x 63.98
Mean y 67.69
RMS x 51.28
RMS y 53.1
side N [adc counts]
side P [adc counts]

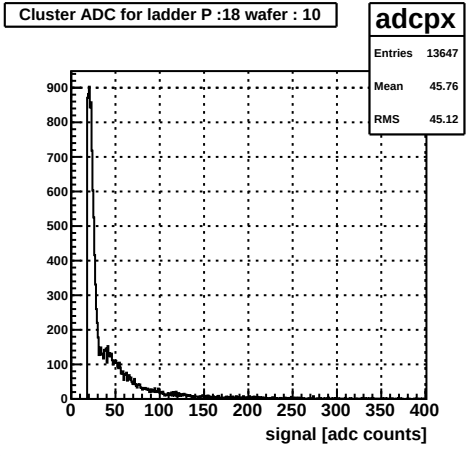

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 14106
Mean 48.49
RMS 45.88
signal [adc counts]

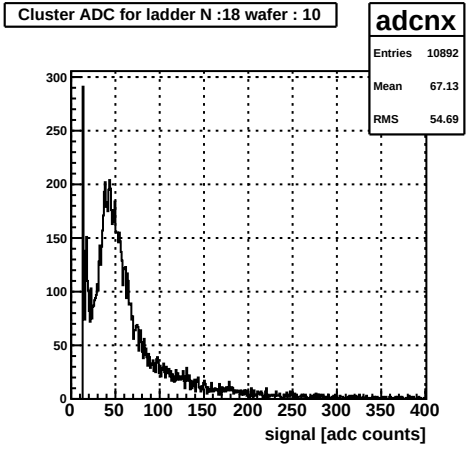

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 12725
Mean 61.52
RMS 52.69
signal [adc counts]

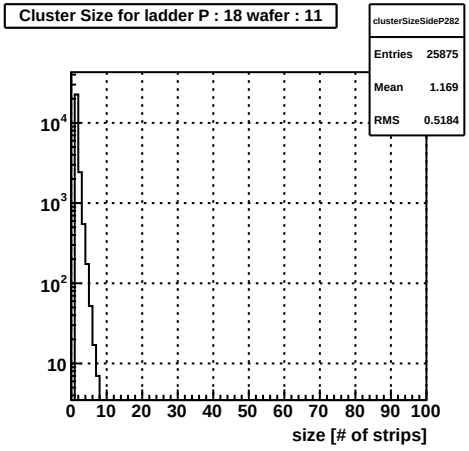

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 13647
Mean 1.141
RMS 0.4351
size [# of strips]

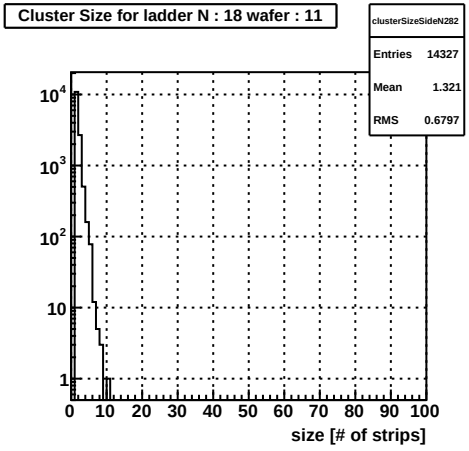

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 10892
Mean 1.51
RMS 0.764
size [# of strips]

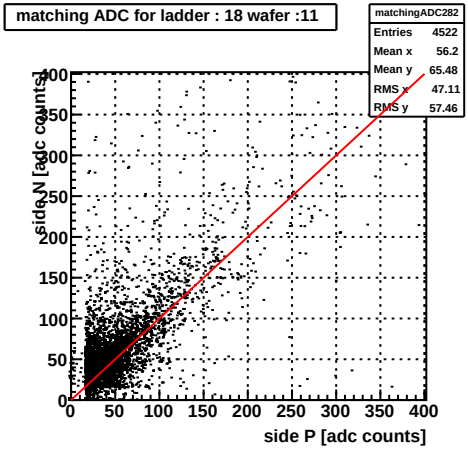

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 6389
Mean x 73.89
Mean y 71.05
RMS x 57.8
RMS y 53.84
side N [adc counts]
side P [adc counts]

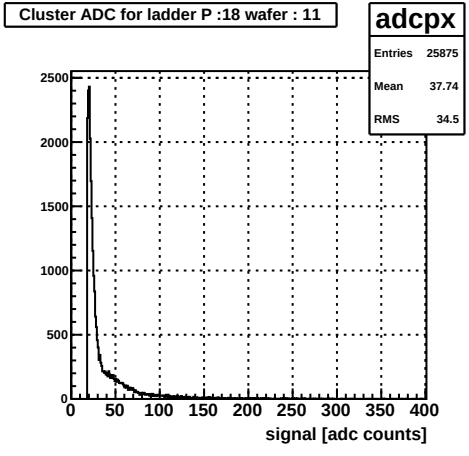

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 13647
Mean 45.76
RMS 45.12
signal [adc counts]

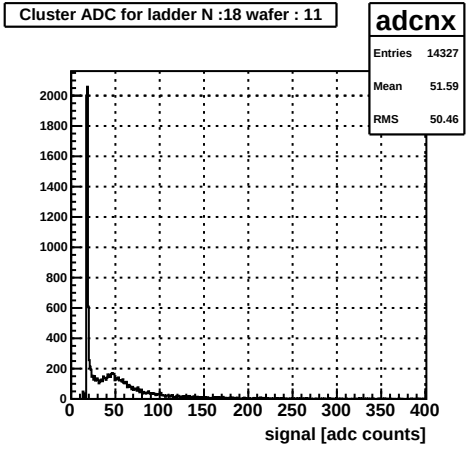

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 10892
Mean 67.13
RMS 54.69
signal [adc counts]

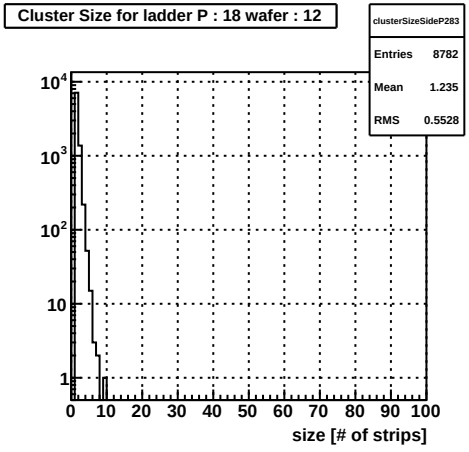

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 25875
Mean 1.169
RMS 0.5184
size [# of strips]

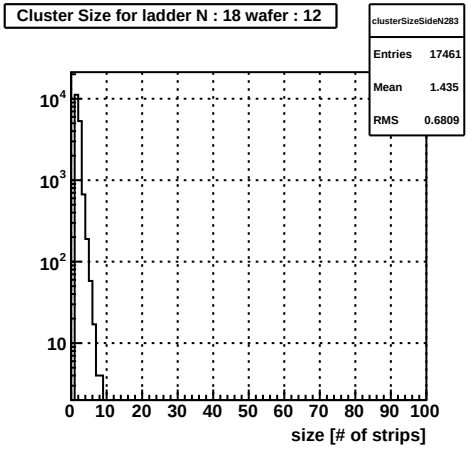

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 14327
Mean 1.321
RMS 0.6797
size [# of strips]

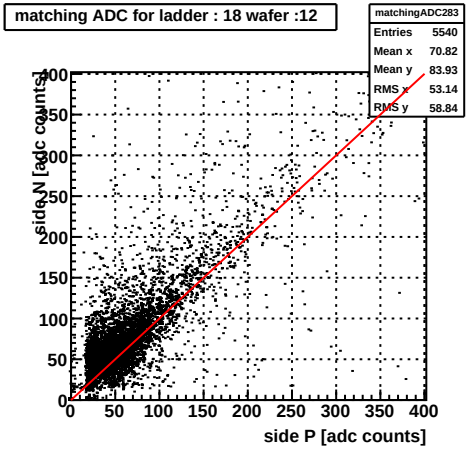

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 4522
Mean x 56.2
Mean y 65.48
RMS x 47.11
RMS y 57.46
side N [adc counts]
side P [adc counts]

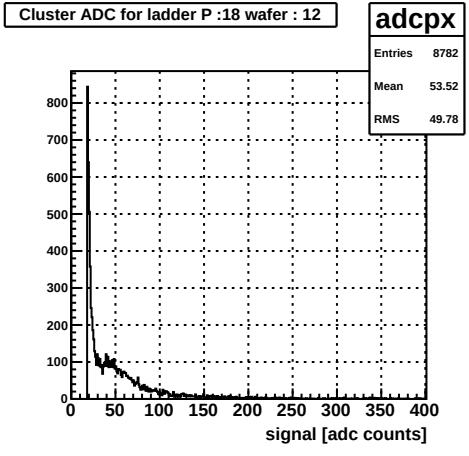

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 25875
Mean 37.74
RMS 34.5
signal [adc counts]

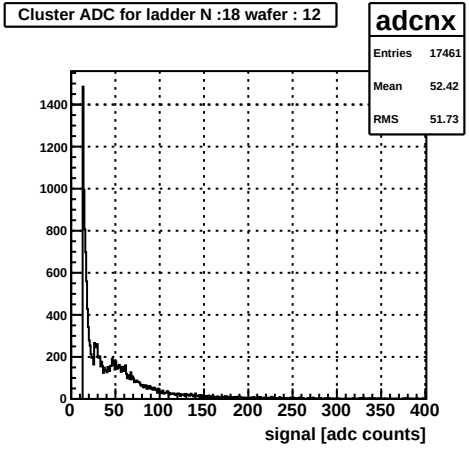

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 14327
Mean 51.59
RMS 50.46
signal [adc counts]

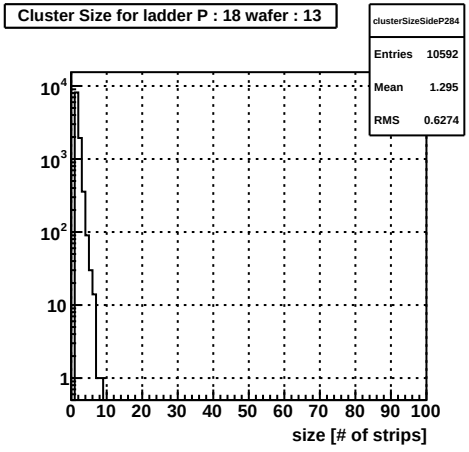

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 8782
Mean 1.235
RMS 0.5528
size [# of strips]

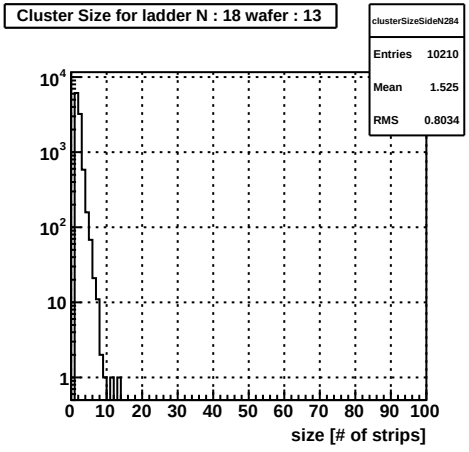

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 17461
Mean 1.435
RMS 0.6809
size [# of strips]

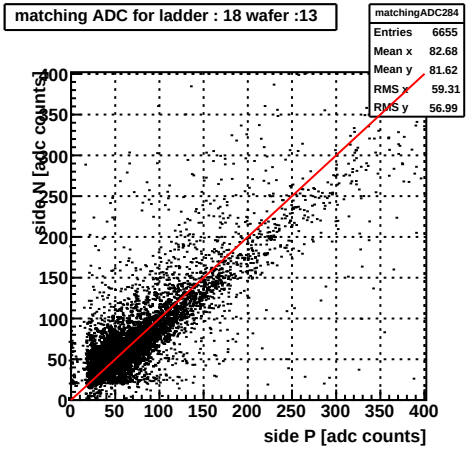

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 5540
Mean x 70.82
Mean y 83.93
RMS x 53.14
RMS y 58.84
side N [adc counts]
side P [adc counts]

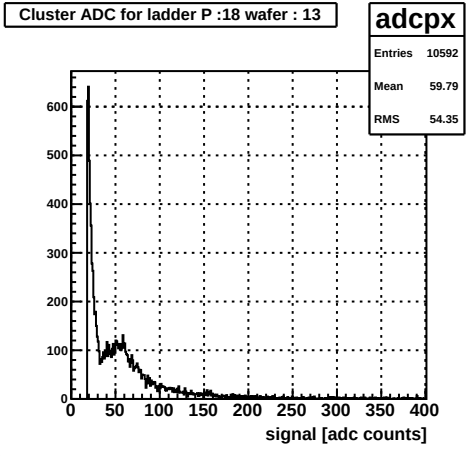

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 8782
Mean 53.52
RMS 49.78
signal [adc counts]

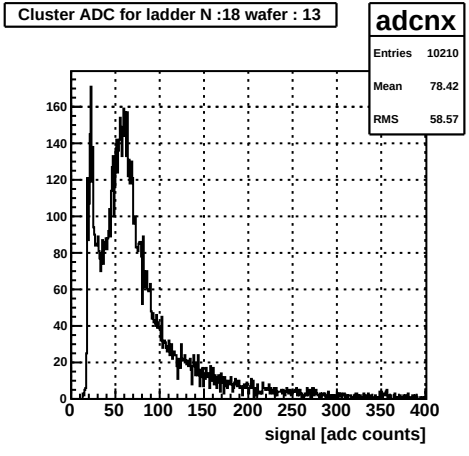

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 17461
Mean 52.42
RMS 51.73
signal [adc counts]

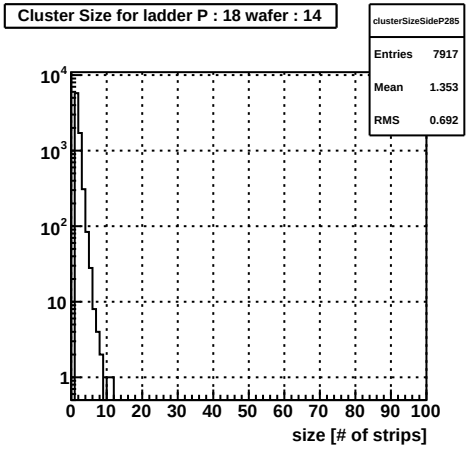

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 10592
Mean 1.295
RMS 0.6274
size [# of strips]

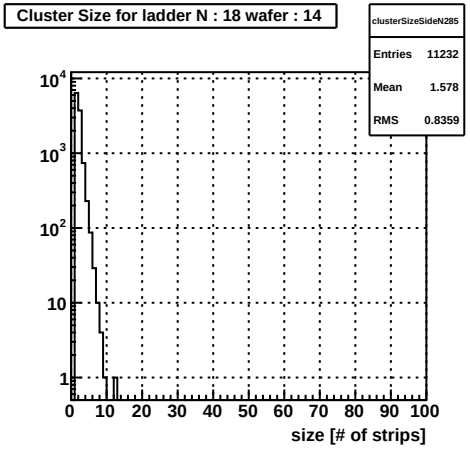

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 10210
Mean 1.525
RMS 0.8034
size [# of strips]

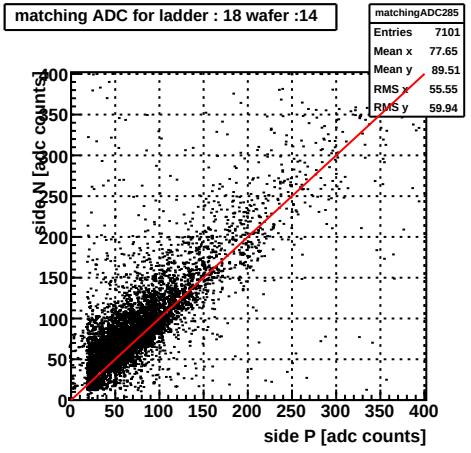

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 6655
Mean x 82.68
Mean y 81.62
RMS x 59.31
RMS y 56.99
side N [adc counts]
side P [adc counts]

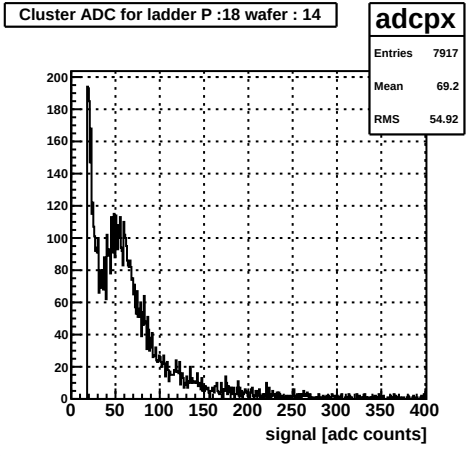

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 10592
Mean 59.79
RMS 54.35
signal [adc counts]

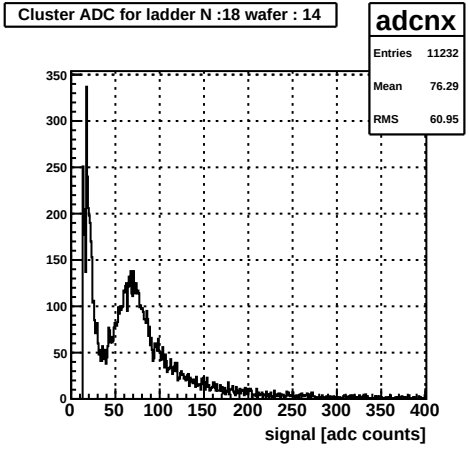

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 10210
Mean 78.42
RMS 58.57
signal [adc counts]

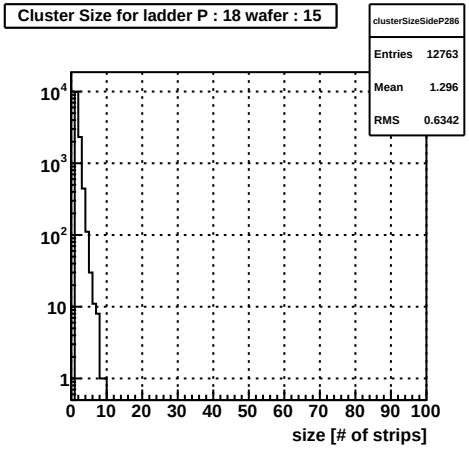

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 7917
Mean 1.353
RMS 0.692
size [# of strips]

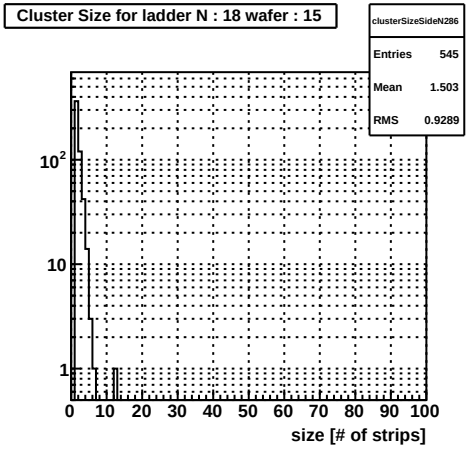

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 11232
Mean 1.578
RMS 0.8359
size [# of strips]

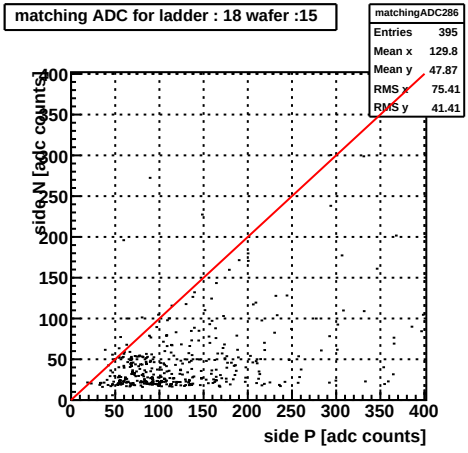

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 7101
Mean x 77.65
Mean y 89.51
RMS x 55.55
RMS y 59.94
side N [adc counts]
side P [adc counts]

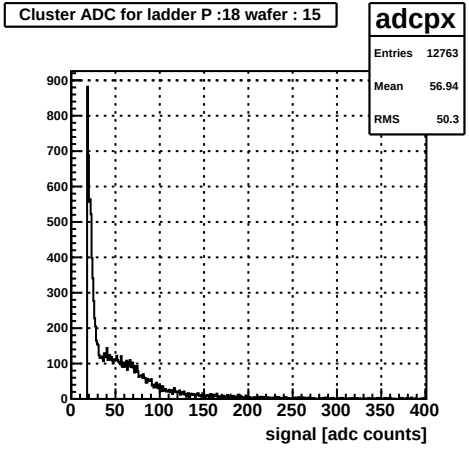

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 7917
Mean 69.2
RMS 54.92
signal [adc counts]

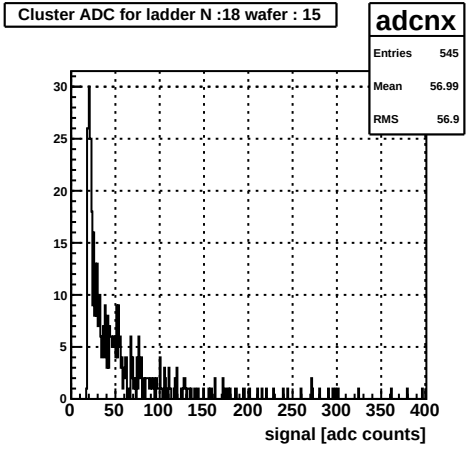

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 11232
Mean 76.29
RMS 60.95
signal [adc counts]

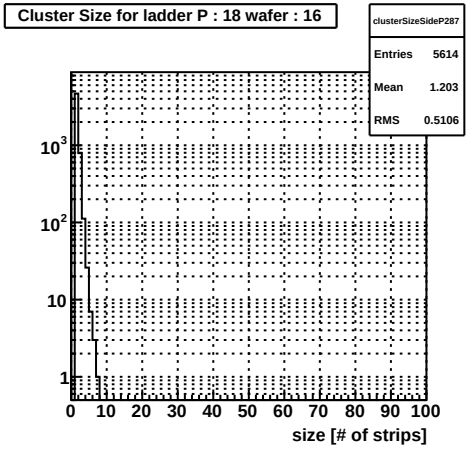

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 12763
Mean 1.296
RMS 0.6342
size [# of strips]

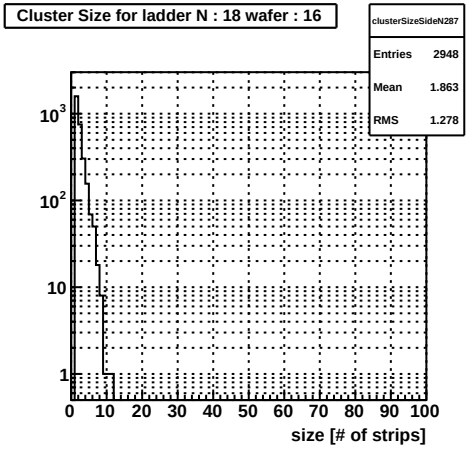

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 545
Mean 1.503
RMS 0.9289
size [# of strips]

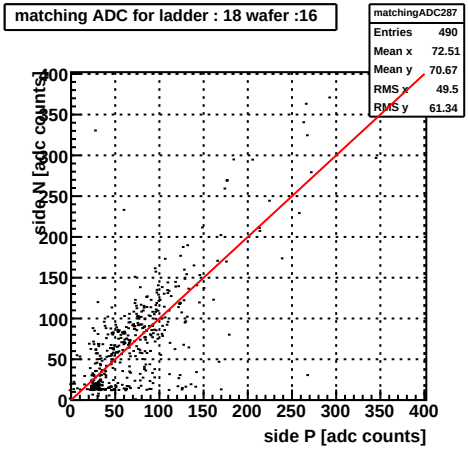

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 395
Mean x 129.8
Mean y 47.87
RMS x 75.41
RMS y 41.41
side N [adc counts]
side P [adc counts]

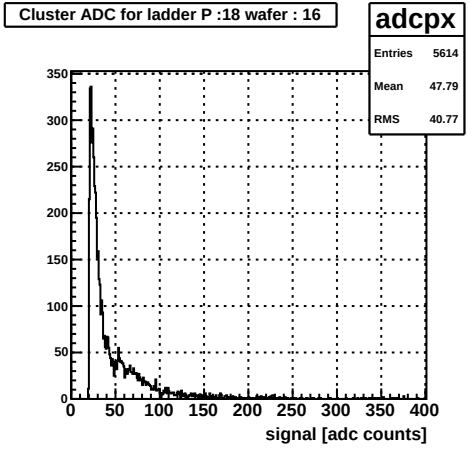

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 12763
Mean 56.94
RMS 50.3
signal [adc counts]

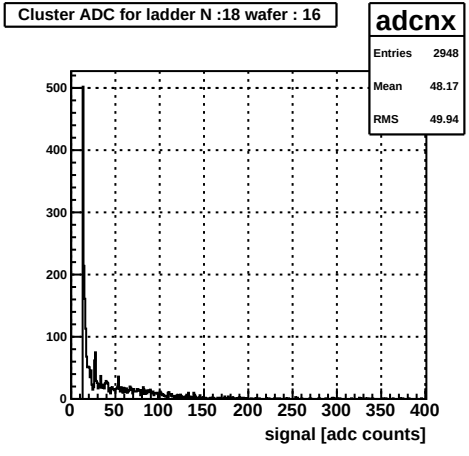

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 545
Mean 56.99
RMS 56.9
signal [adc counts]

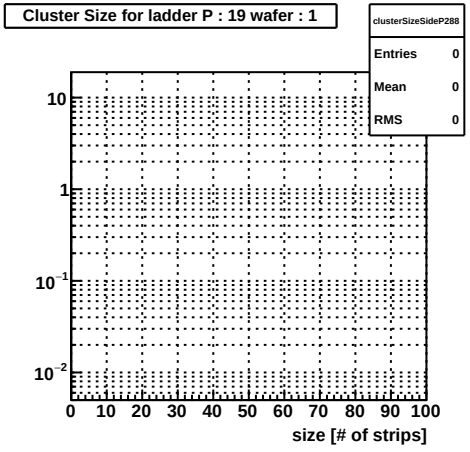

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 5614
Mean 1.203
RMS 0.5106
size [# of strips]

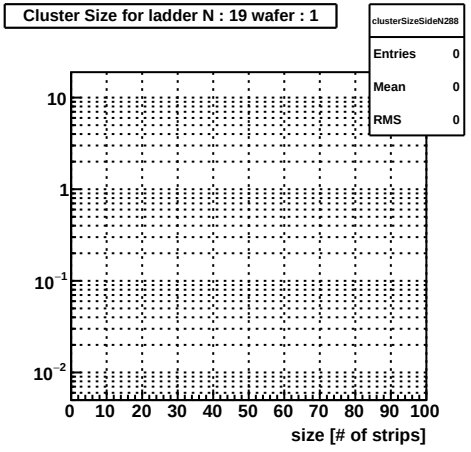

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2948
Mean 1.863
RMS 1.278
size [# of strips]

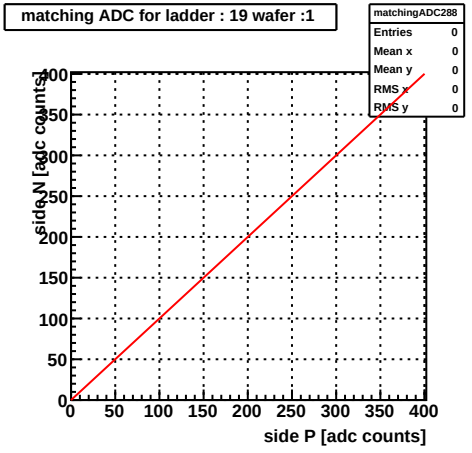

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 490
Mean x 72.51
Mean y 70.67
RMS x 49.5
RMS y 61.34
side N [adc counts]
side P [adc counts]

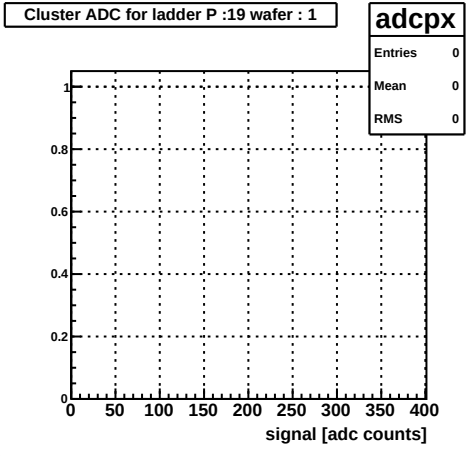

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 5614
Mean 47.79
RMS 40.77
signal [adc counts]

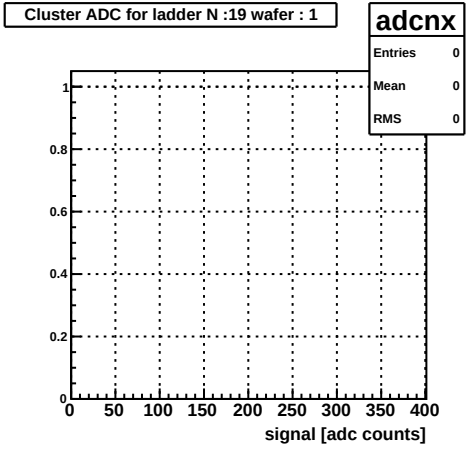

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2948
Mean 48.17
RMS 49.94
signal [adc counts]

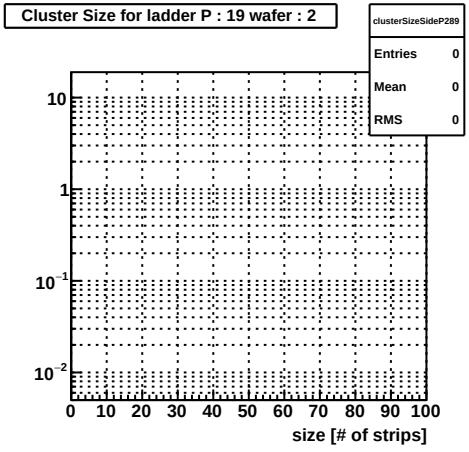

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

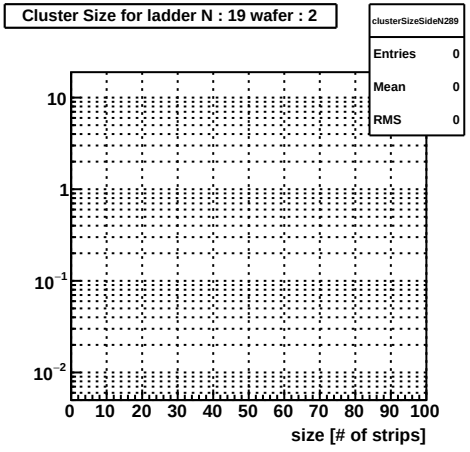

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

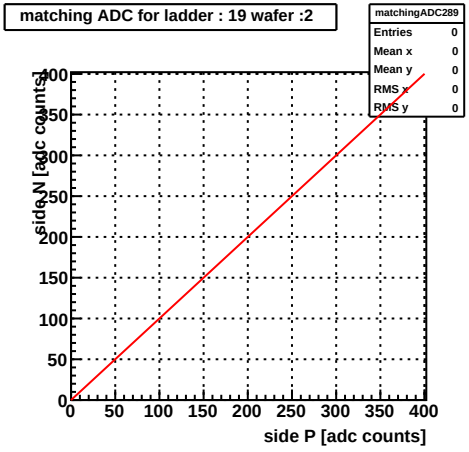

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

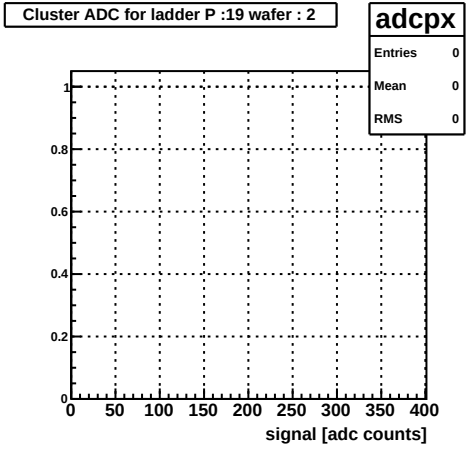

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

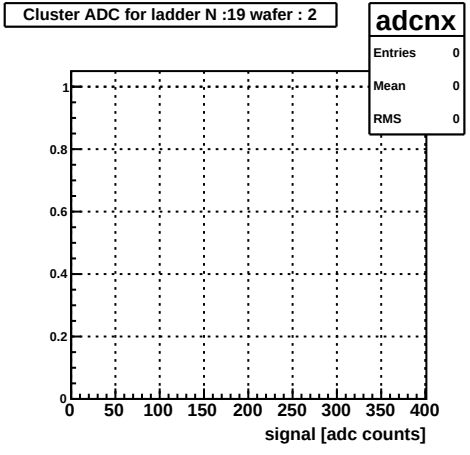

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

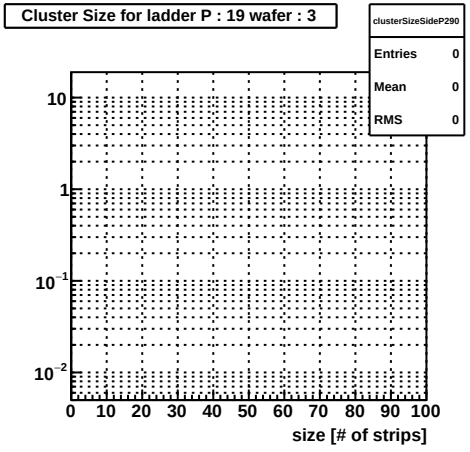

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

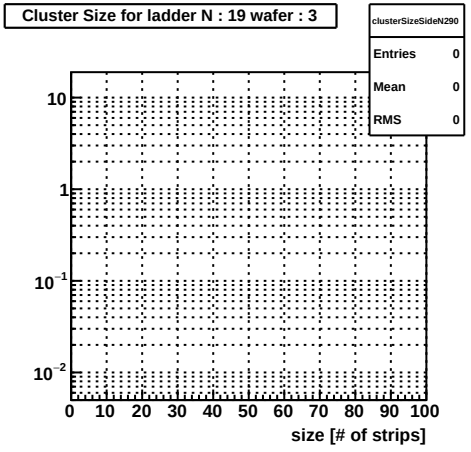

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

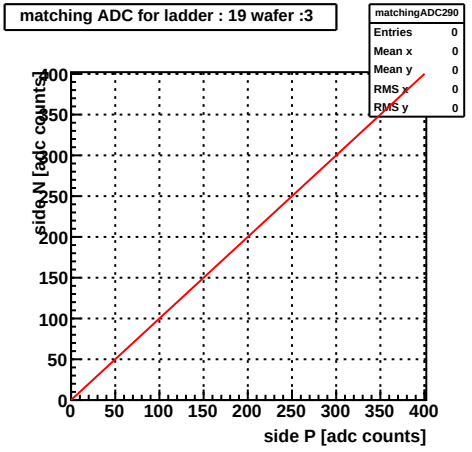

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

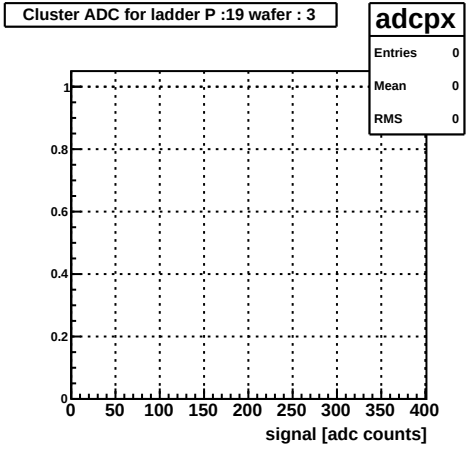

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

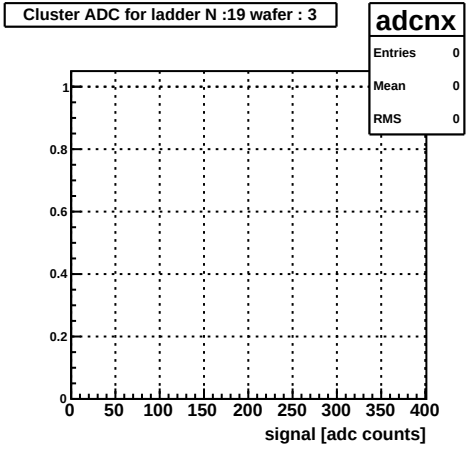

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

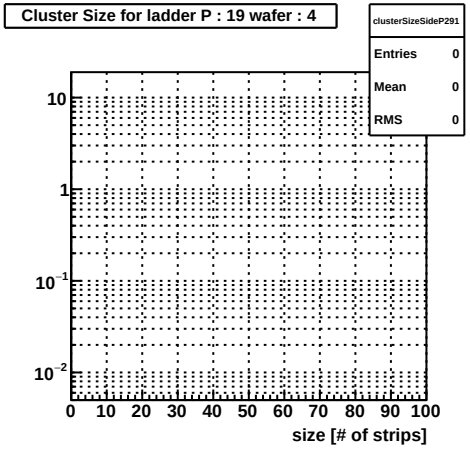

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

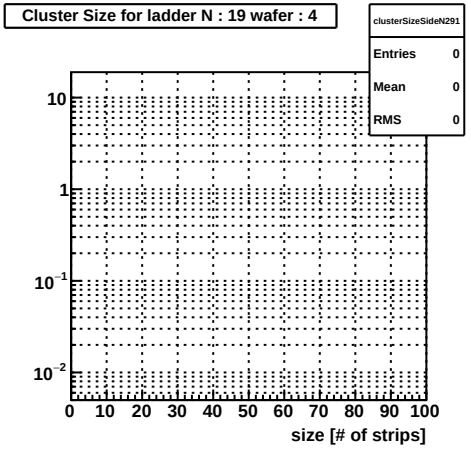

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

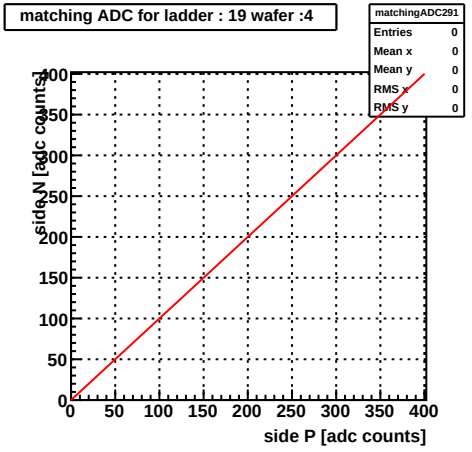

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

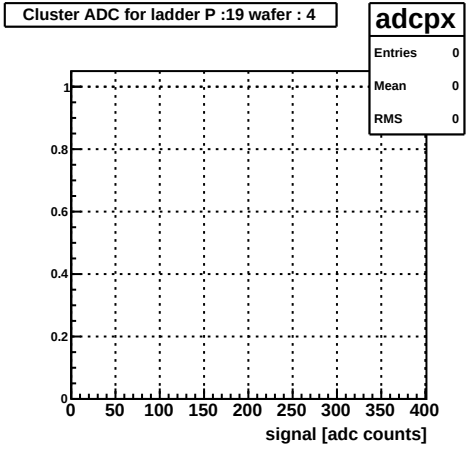

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

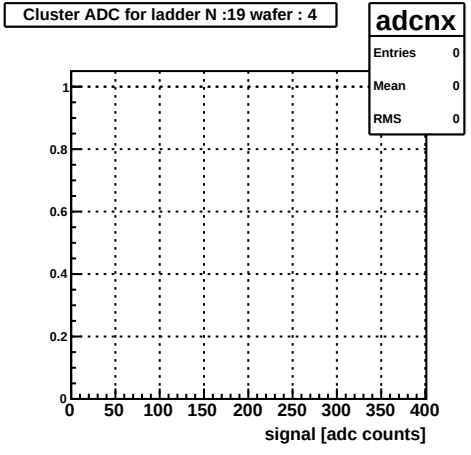

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

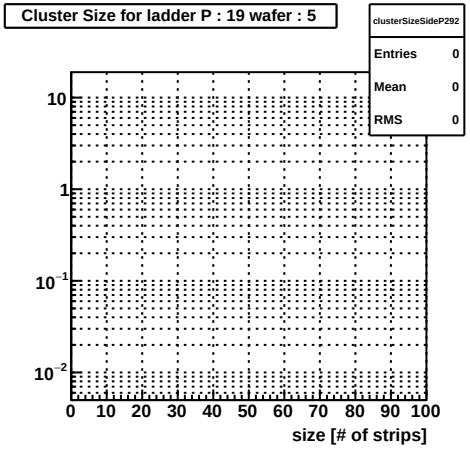

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

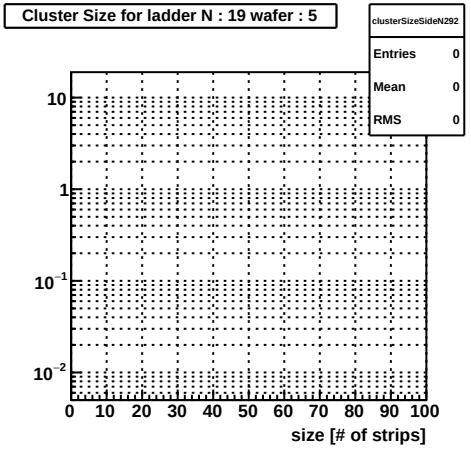

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

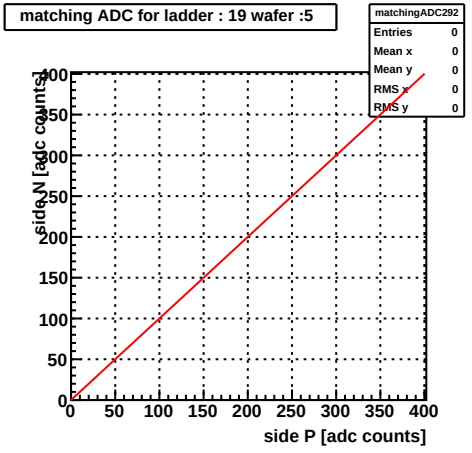

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

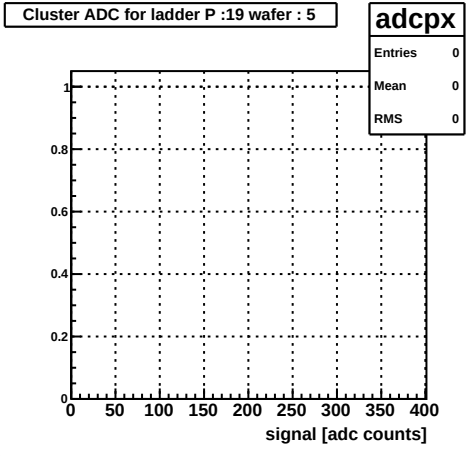

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

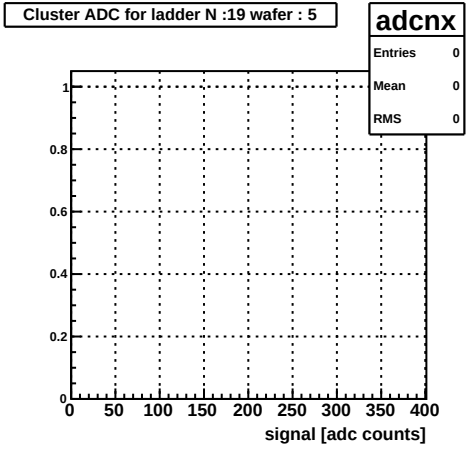

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

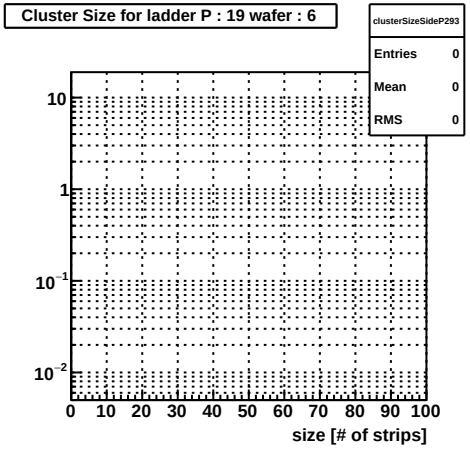

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

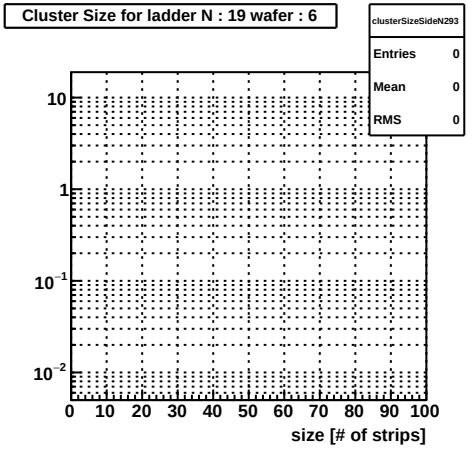

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

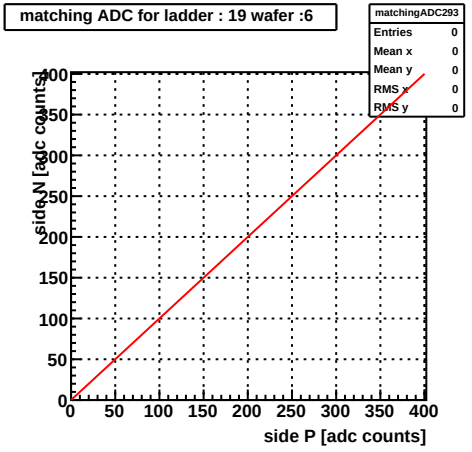

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

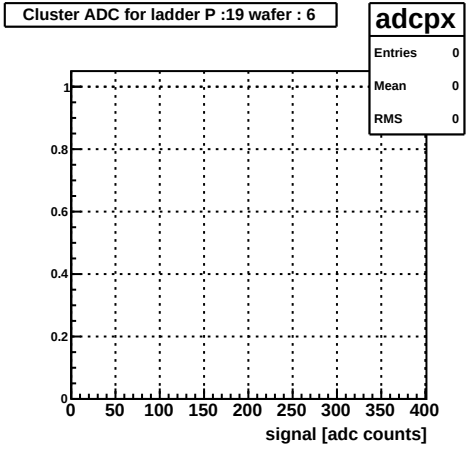

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

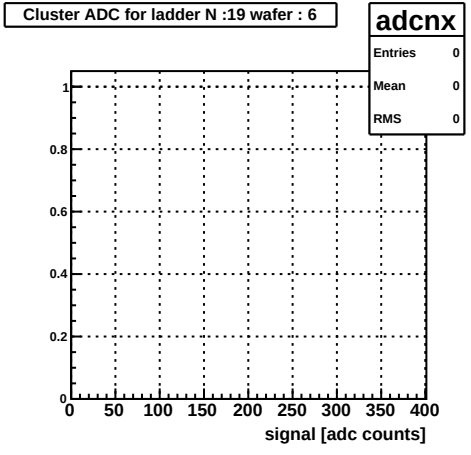

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

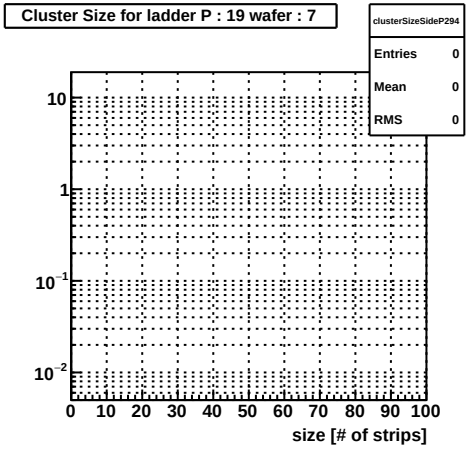

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

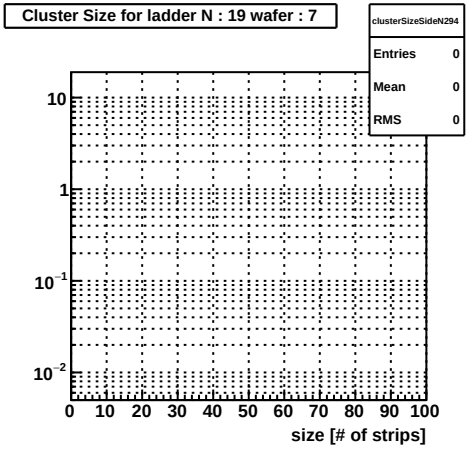

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

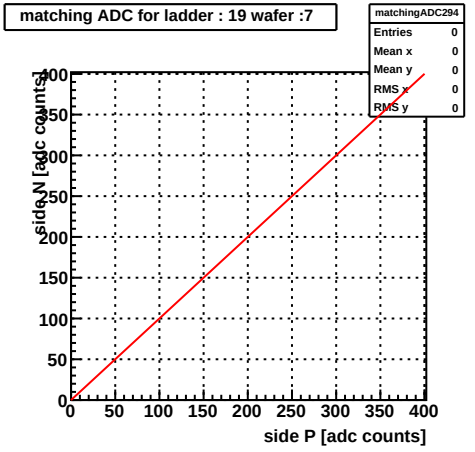

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

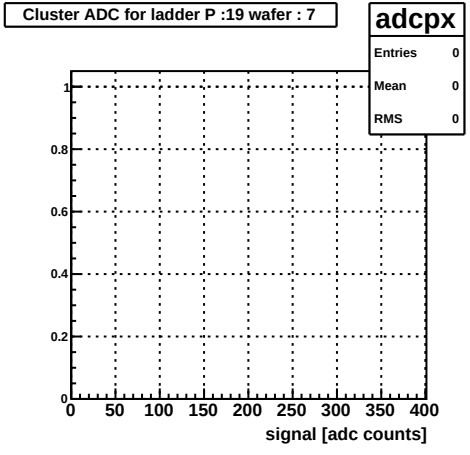

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

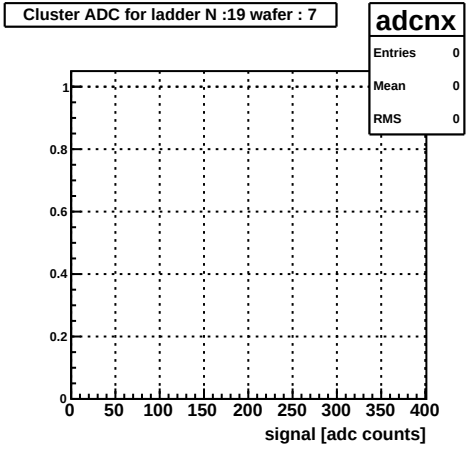

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

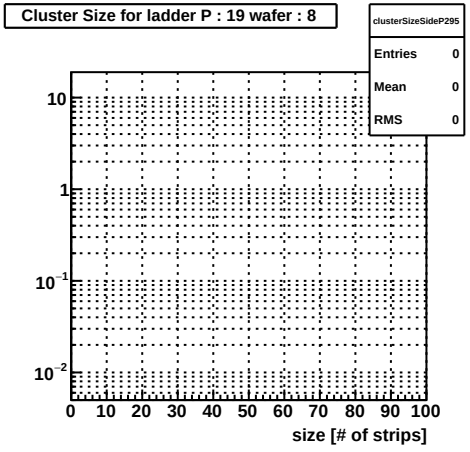

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

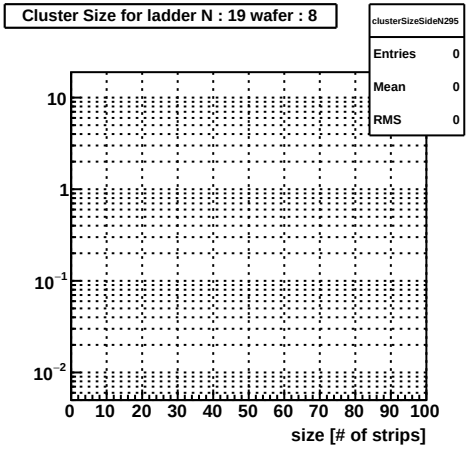

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

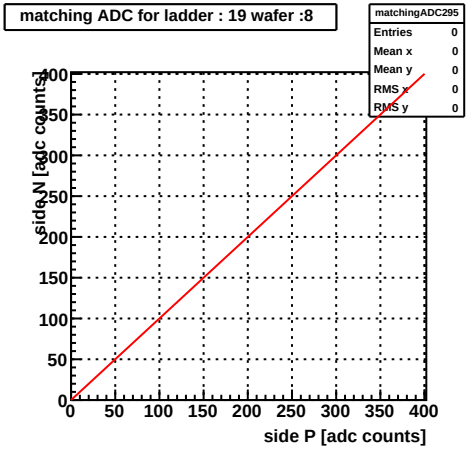

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

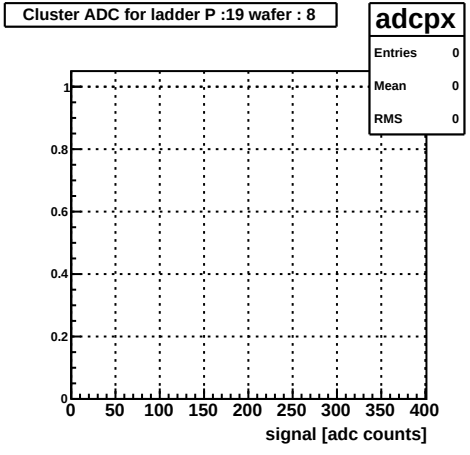

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

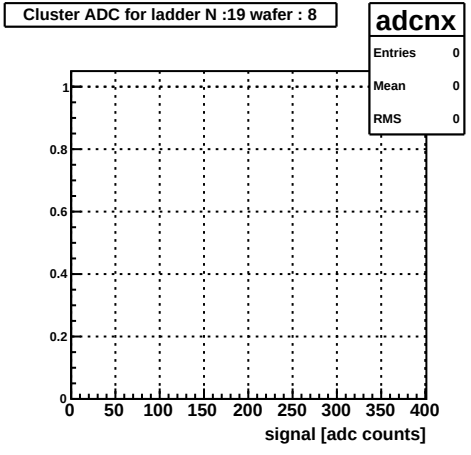

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

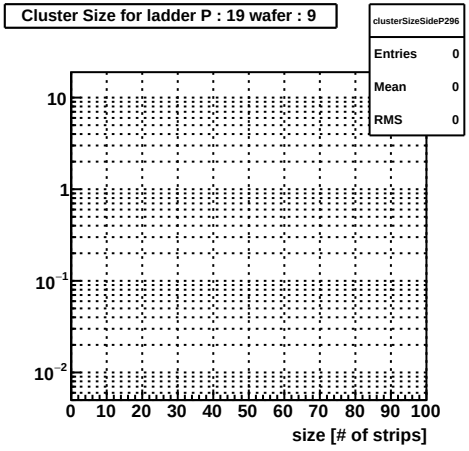

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

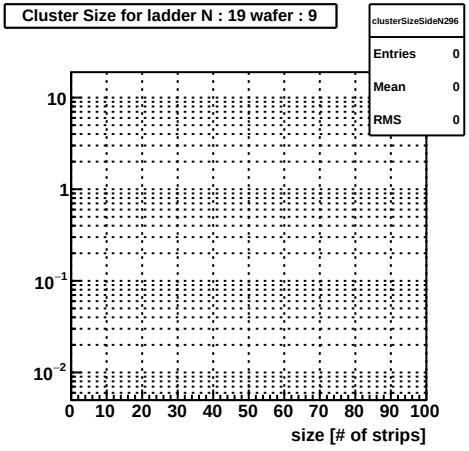

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

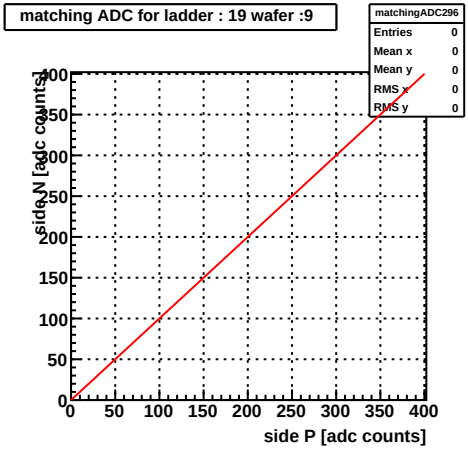

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

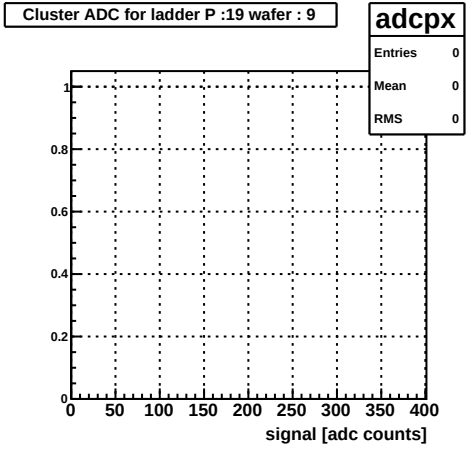

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

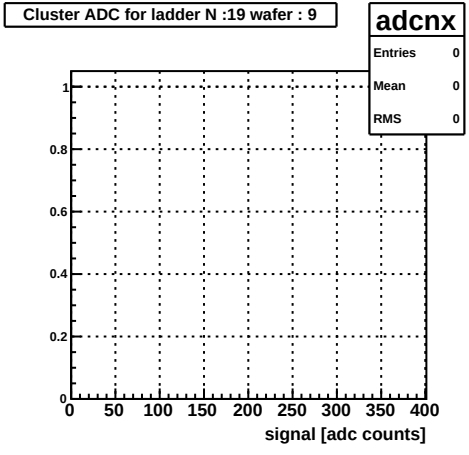

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

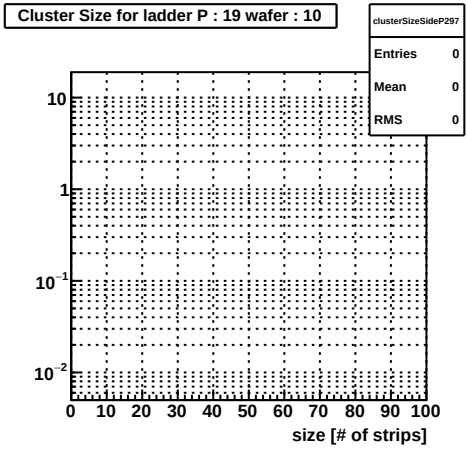

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

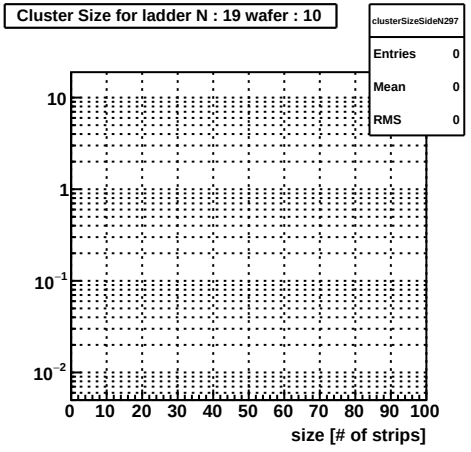

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

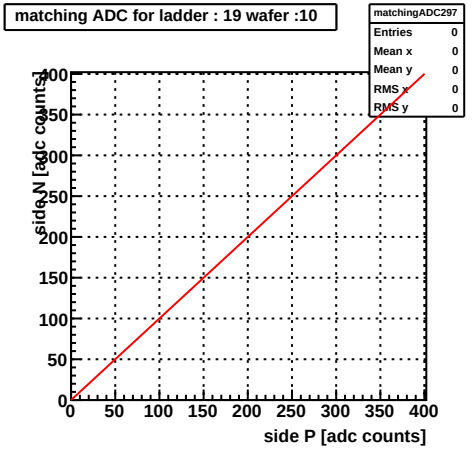

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

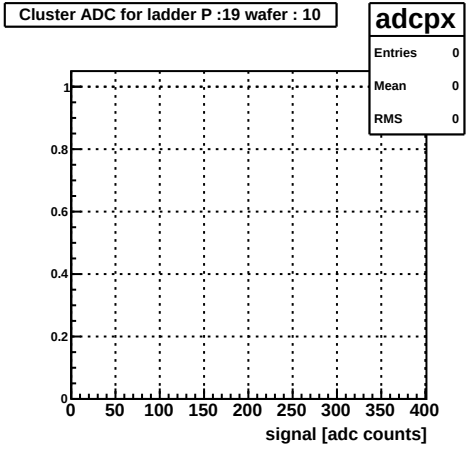

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

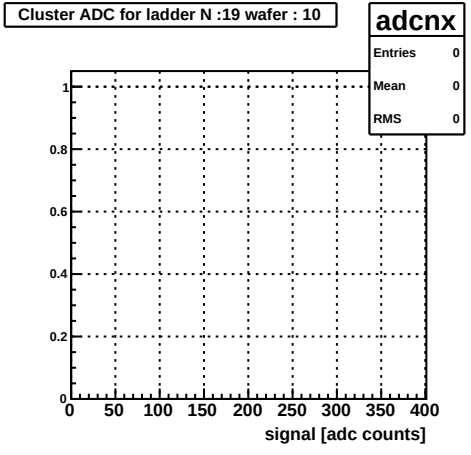

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

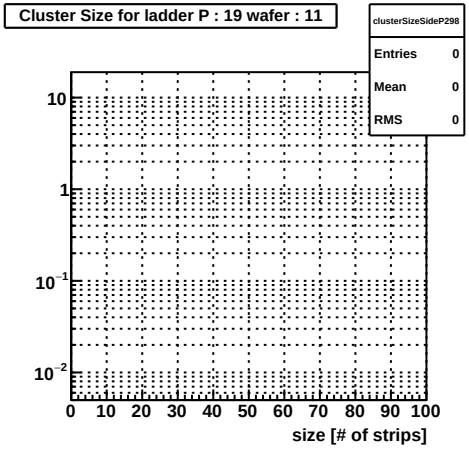

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

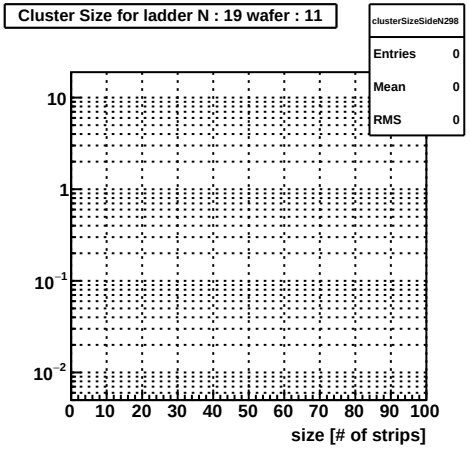

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

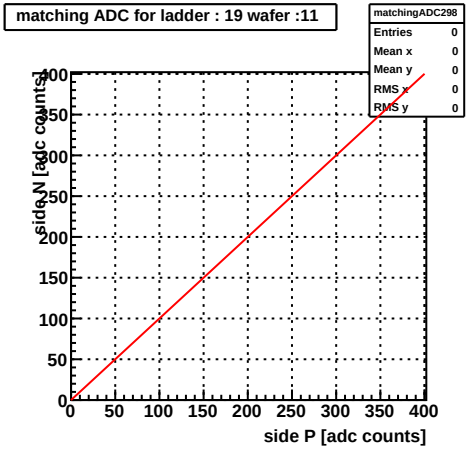

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

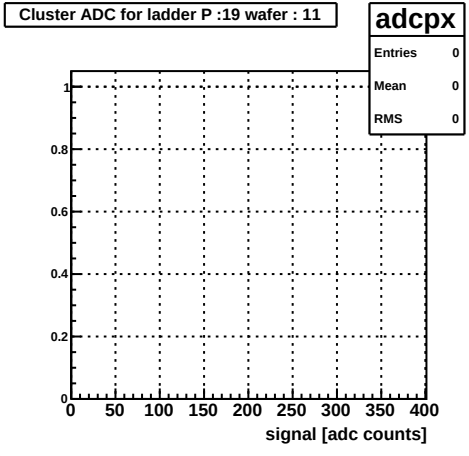

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

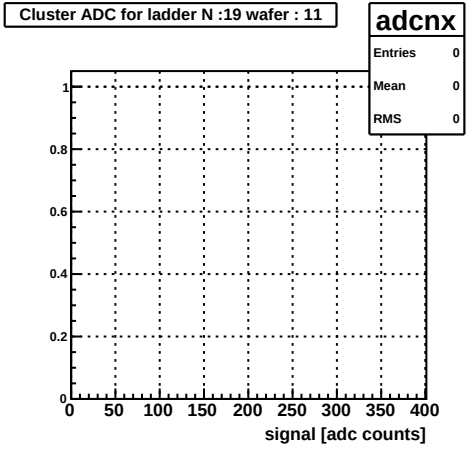

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

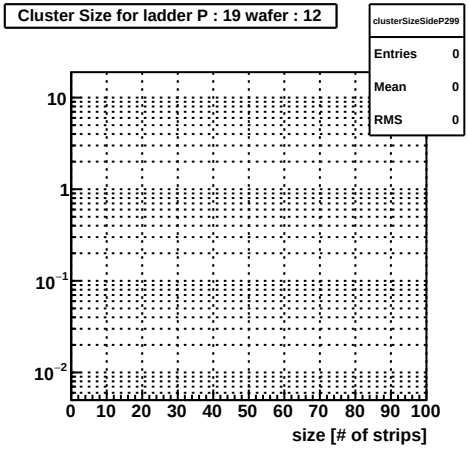

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

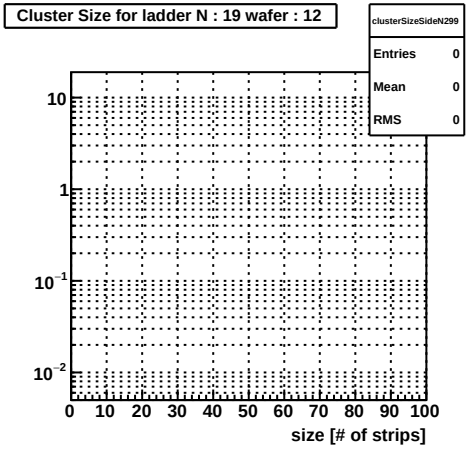

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

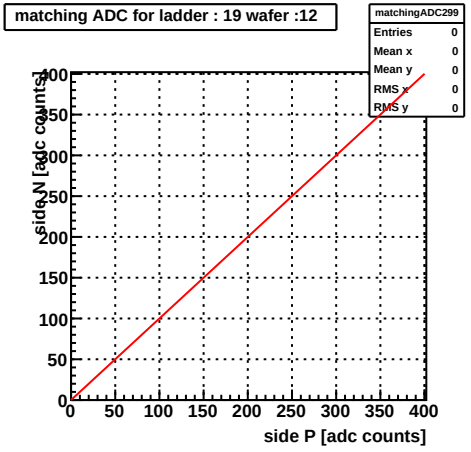

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

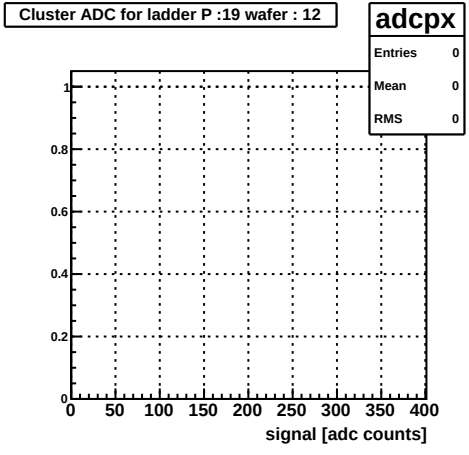

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

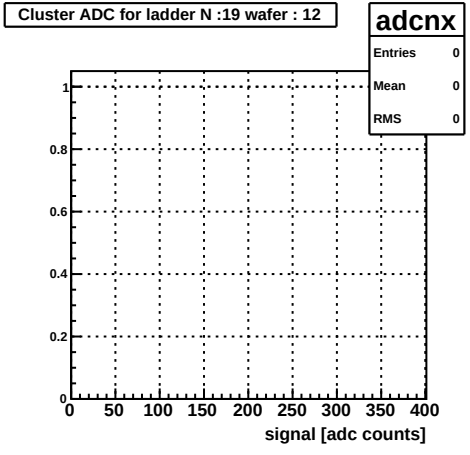

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

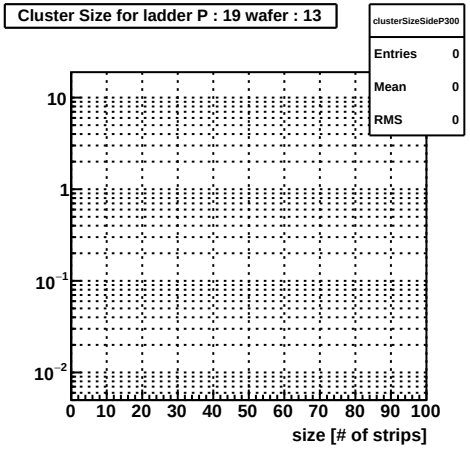

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

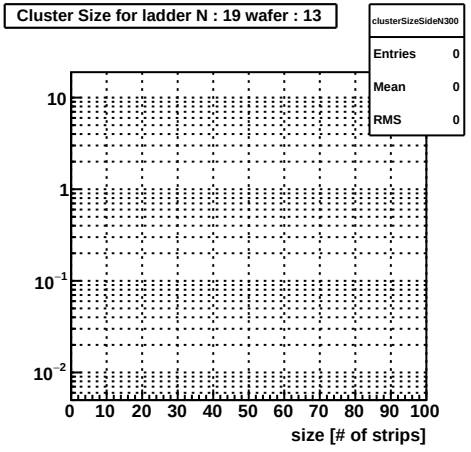

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

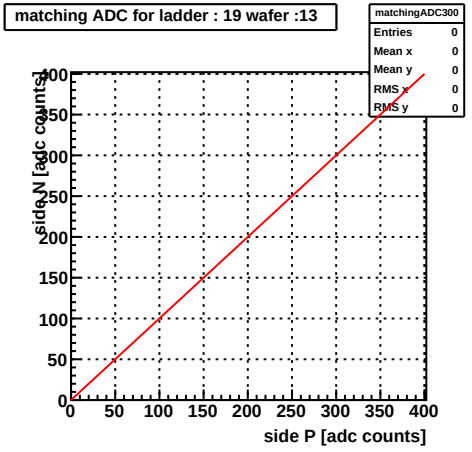

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

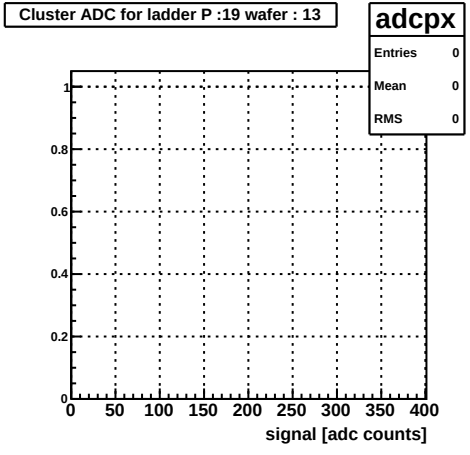

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

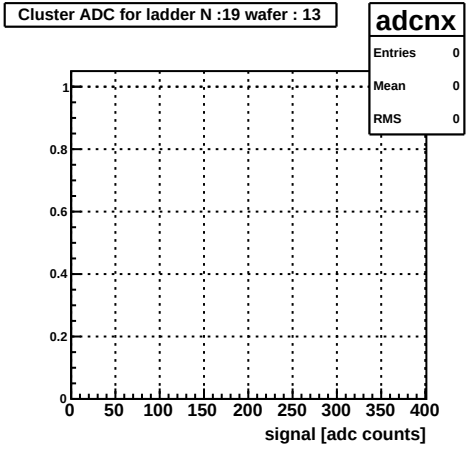

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

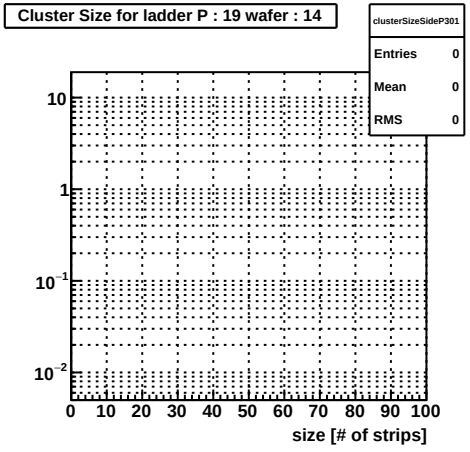

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

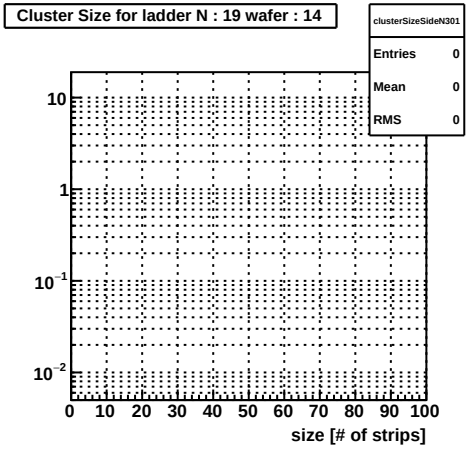

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

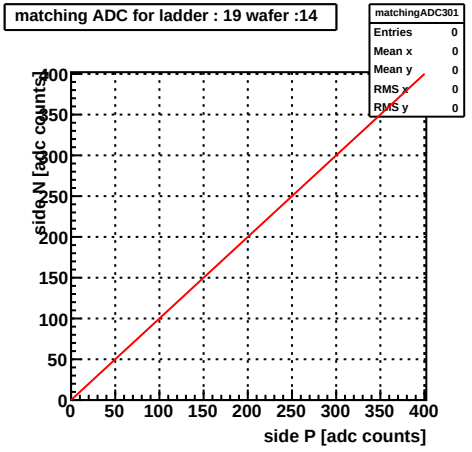

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

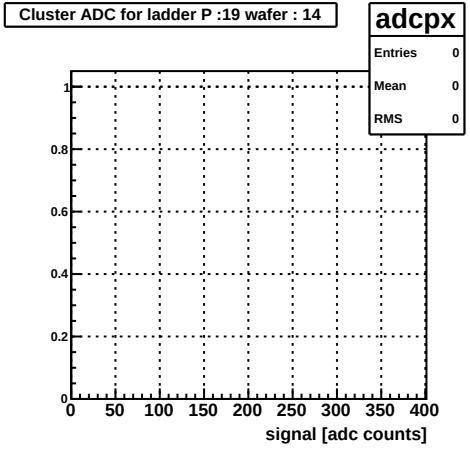

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

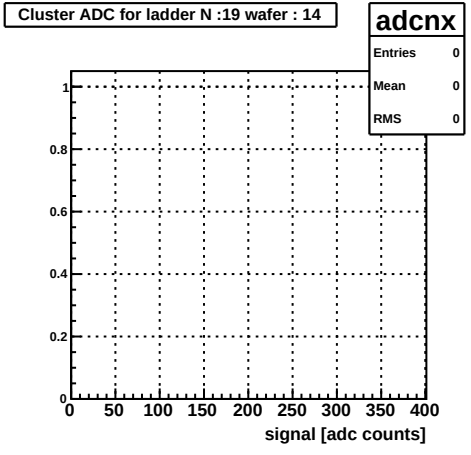

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

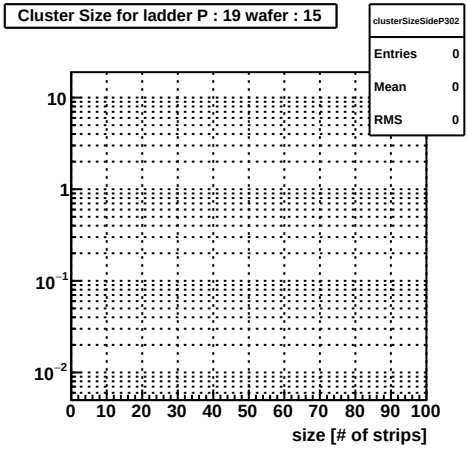

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

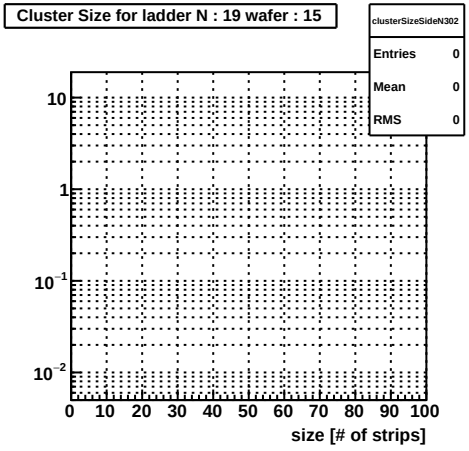

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

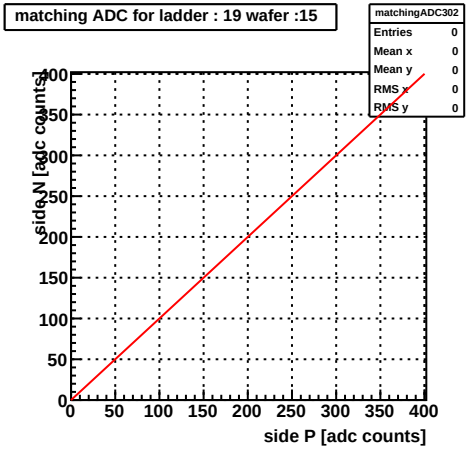

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

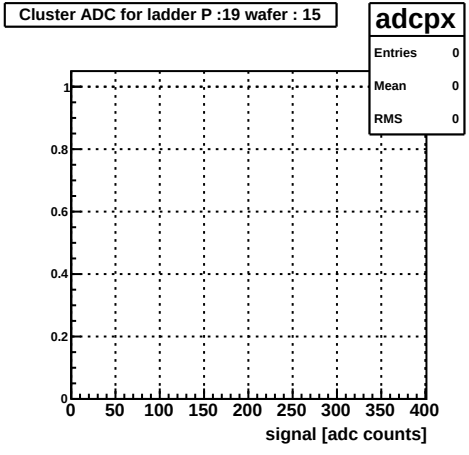

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

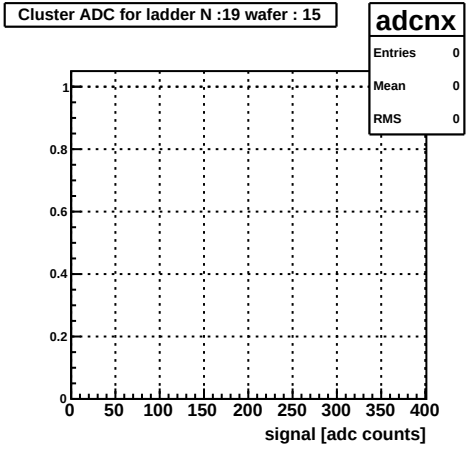

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

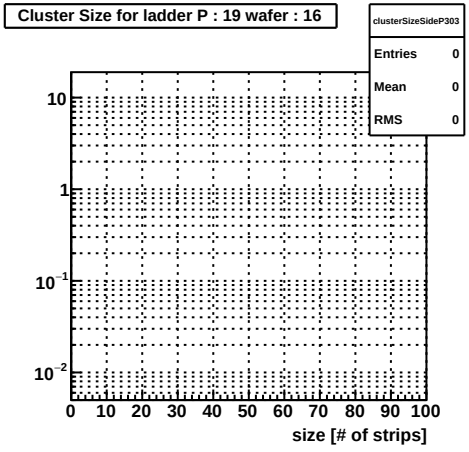

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

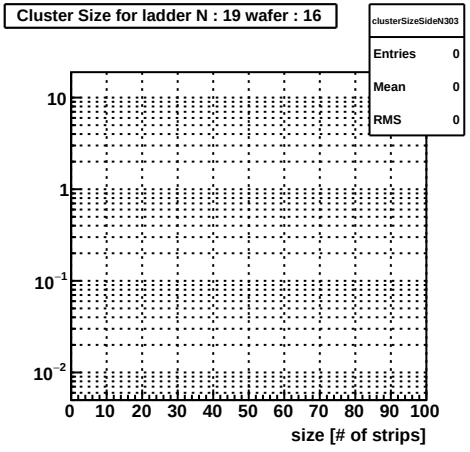

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

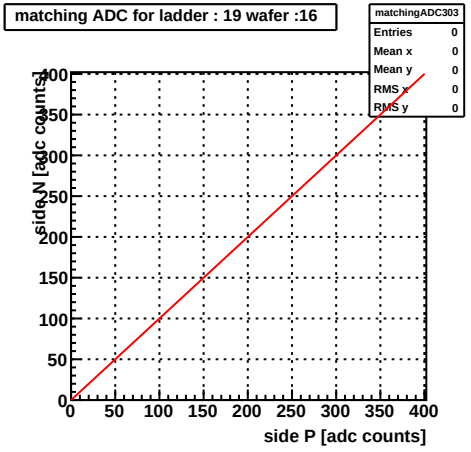

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

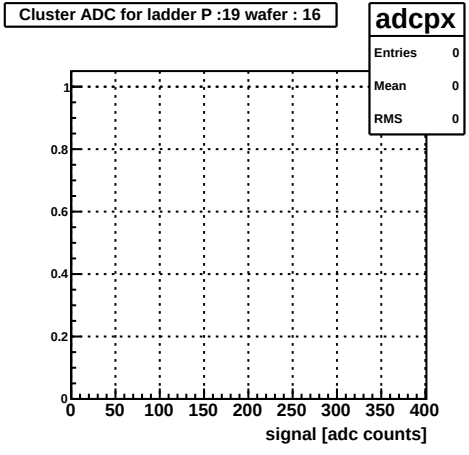

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

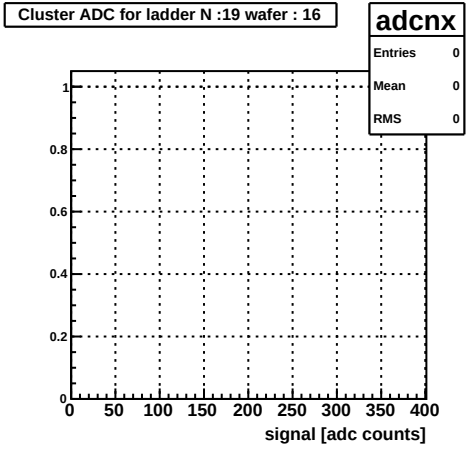

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

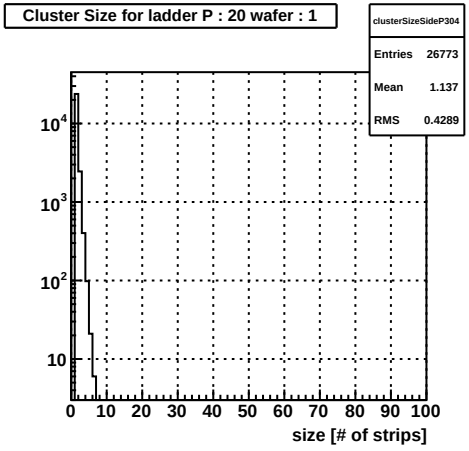

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

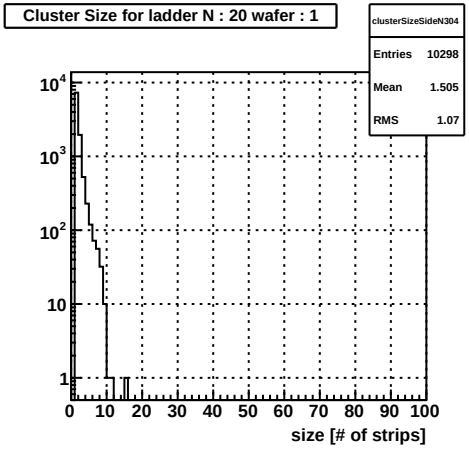

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

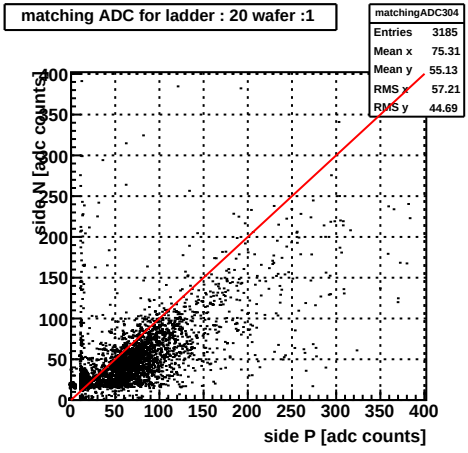

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

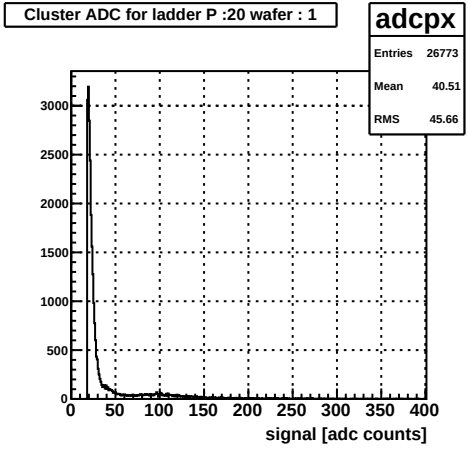

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

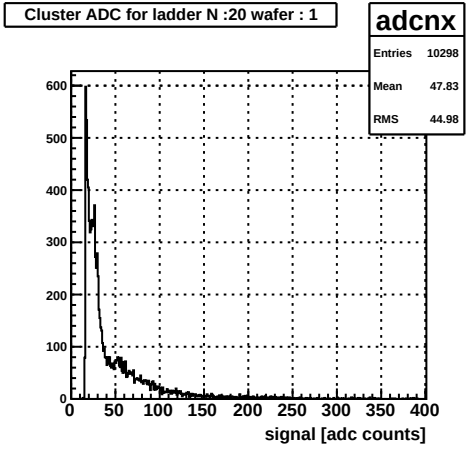

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

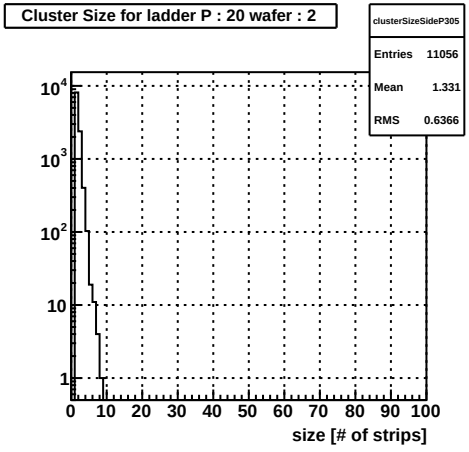

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 26773
Mean 1.137
RMS 0.4289
size [# of strips]

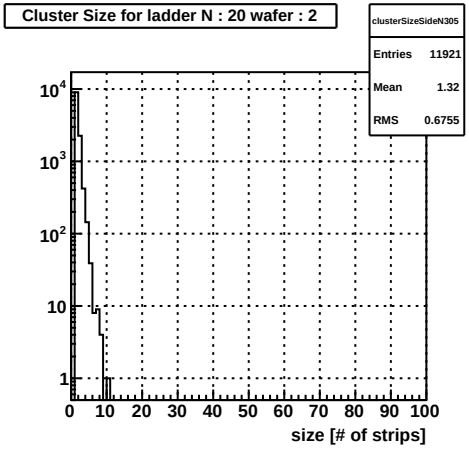

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 10298
Mean 1.505
RMS 1.07
size [# of strips]

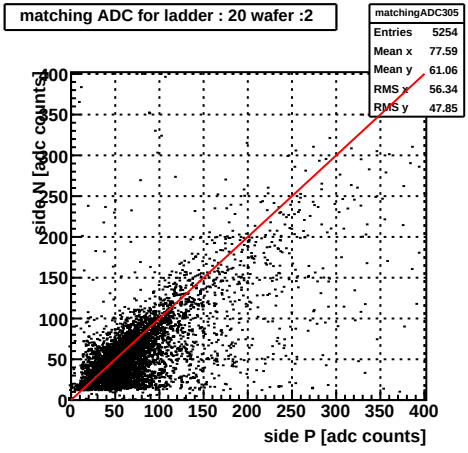

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 3185
Mean x 75.31
Mean y 55.13
RMS x 57.21
RMS y 44.69
side N [adc counts]
side P [adc counts]

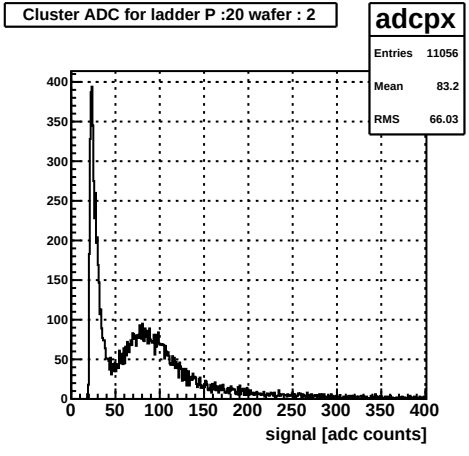

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 26773
Mean 40.51
RMS 45.66
signal [adc counts]

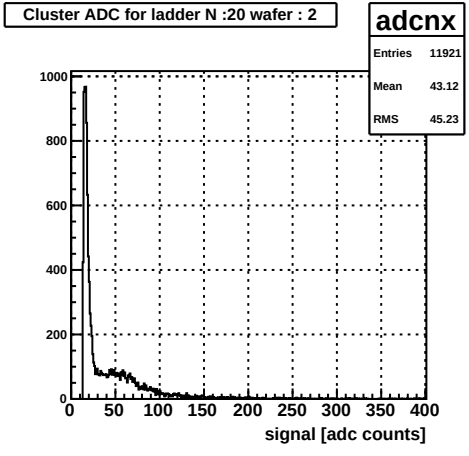

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 10298
Mean 47.83
RMS 44.98
signal [adc counts]

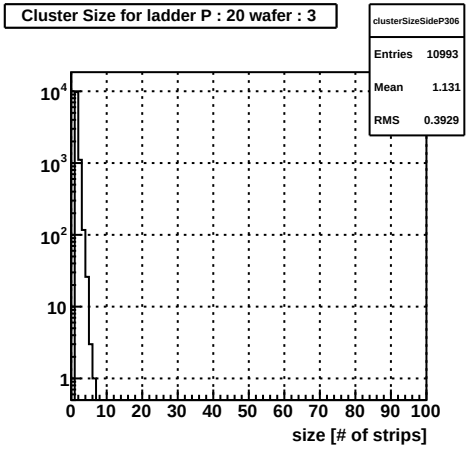

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 11056
Mean 1.331
RMS 0.6366
size [# of strips]

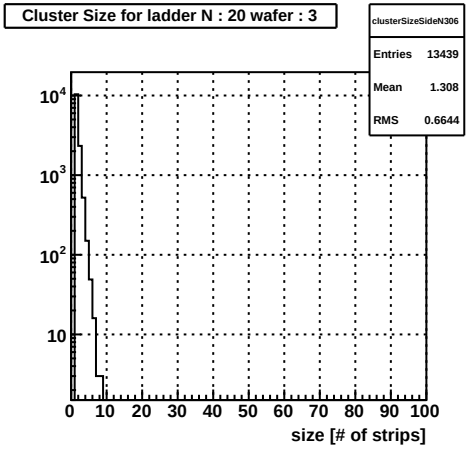

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 11921
Mean 1.32
RMS 0.6755
size [# of strips]

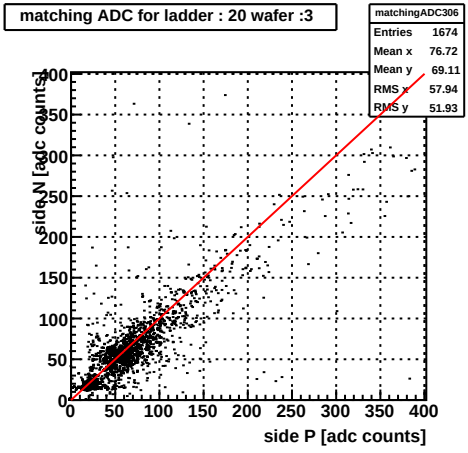

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 5254
Mean x 77.59
Mean y 61.06
RMS x 56.34
RMS y 47.85
side N [adc counts]
side P [adc counts]

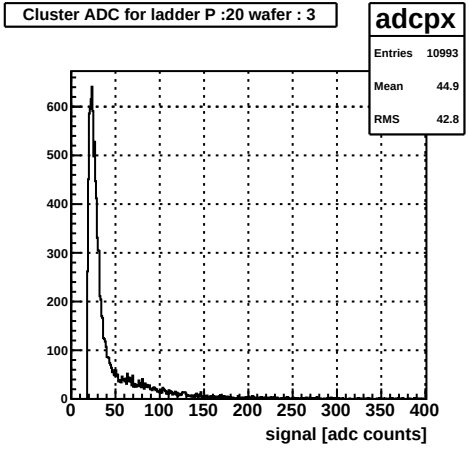

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 11056
Mean 83.2
RMS 66.03
signal [adc counts]

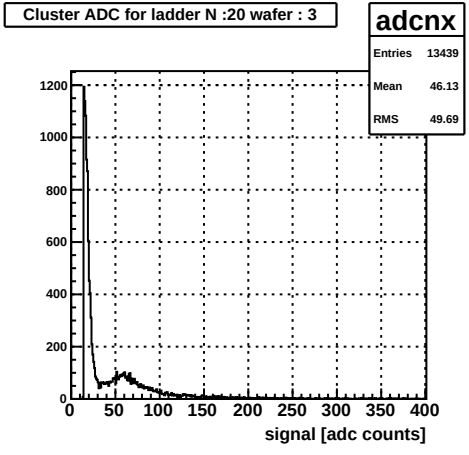

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 11921
Mean 43.12
RMS 45.23
signal [adc counts]

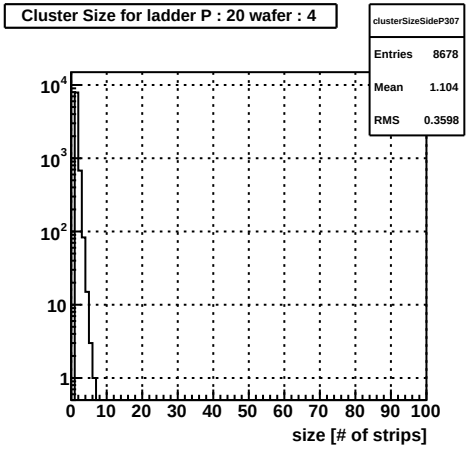

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 10993
Mean 1.131
RMS 0.3929
size [# of strips]

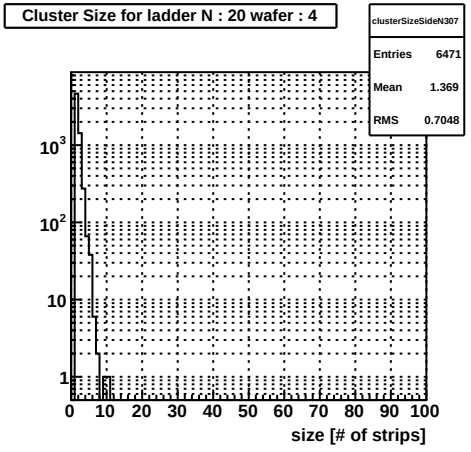

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 13439
Mean 1.308
RMS 0.6644
size [# of strips]

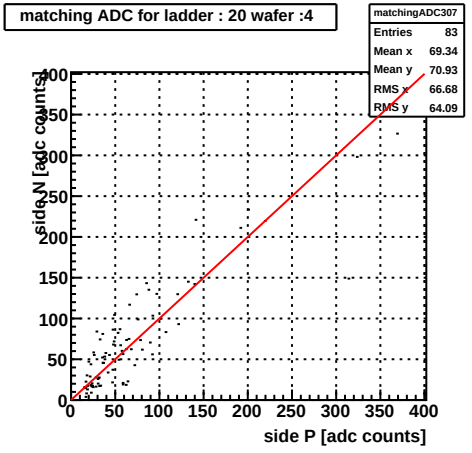

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 1674
Mean x 76.72
Mean y 69.11
RMS x 57.94
RMS y 51.93
side N [adc counts]
side P [adc counts]

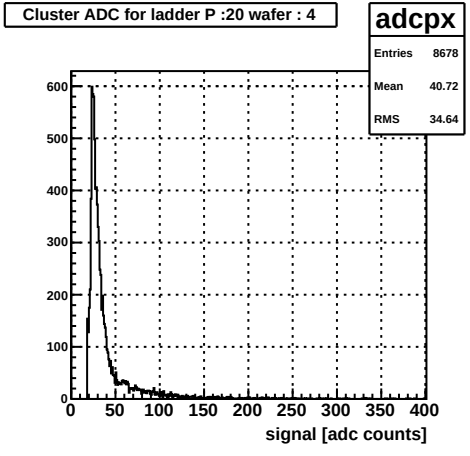

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 10993
Mean 44.9
RMS 42.8
signal [adc counts]

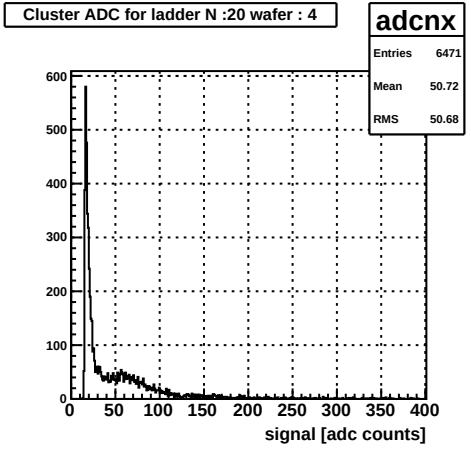

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 13439
Mean 46.13
RMS 49.69
signal [adc counts]

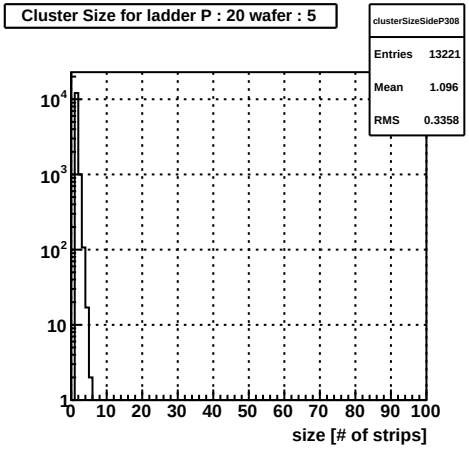

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 8678
Mean 1.104
RMS 0.3598
size [# of strips]

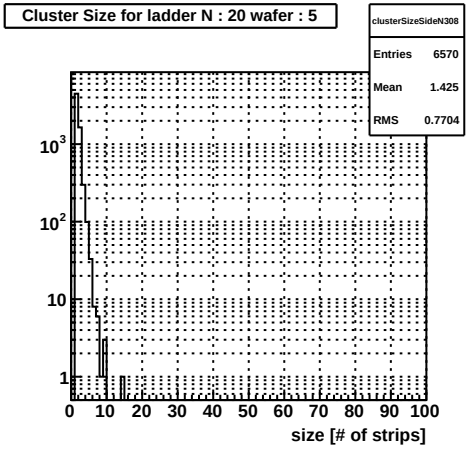

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 6471
Mean 1.369
RMS 0.7048
size [# of strips]

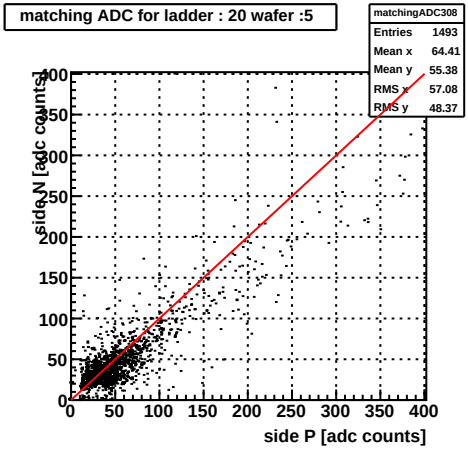

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 83
Mean x 69.34
Mean y 70.93
RMS x 66.68
RMS y 64.09
side N [adc counts]
side P [adc counts]

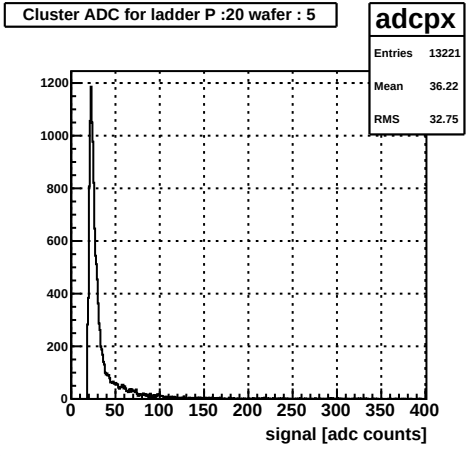

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 8678
Mean 40.72
RMS 34.64
signal [adc counts]

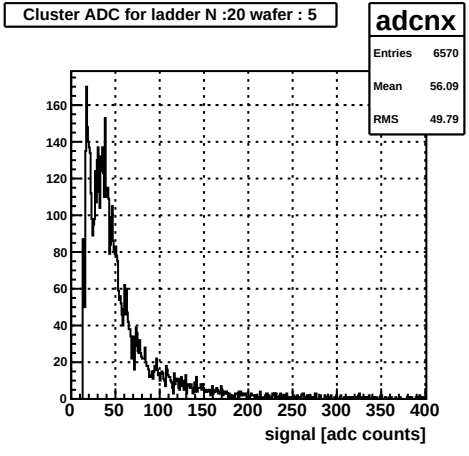

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 6471
Mean 50.72
RMS 50.68
signal [adc counts]

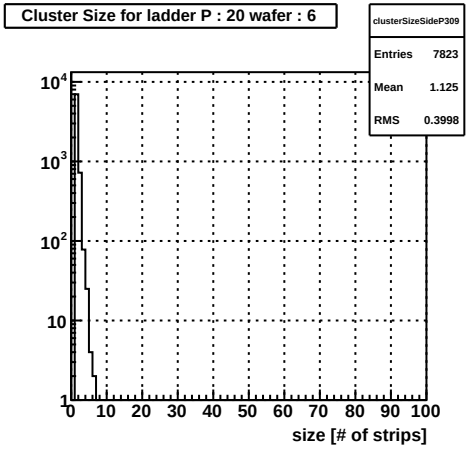

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 13221
Mean 1.096
RMS 0.3358
size [# of strips]

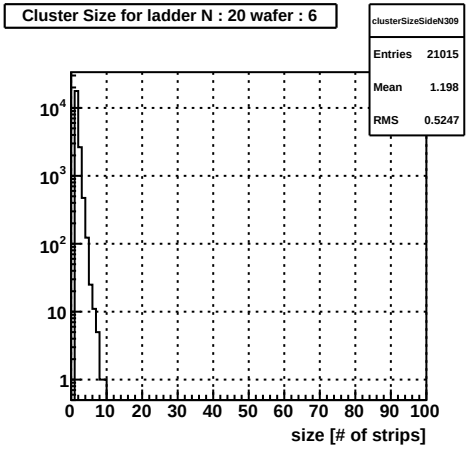

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 6570
Mean 1.425
RMS 0.7704
size [# of strips]

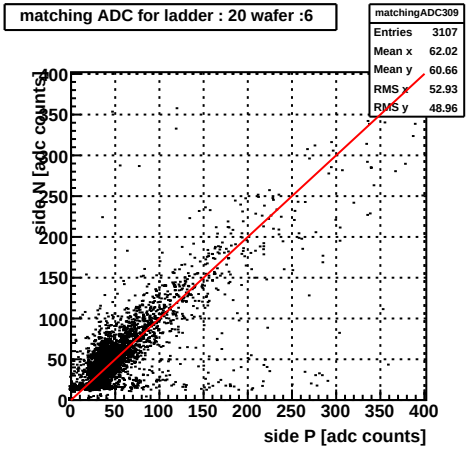

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 1493
Mean x 64.41
Mean y 55.38
RMS x 57.08
RMS y 48.37
side N [adc counts]
side P [adc counts]

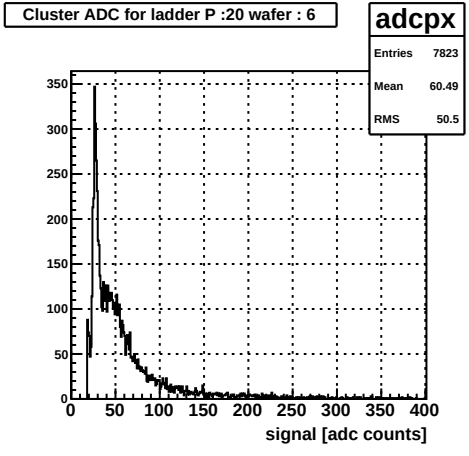

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 13221
Mean 36.22
RMS 32.75
signal [adc counts]

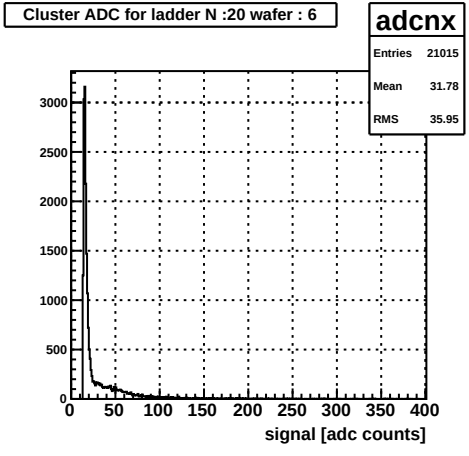

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 6570
Mean 56.09
RMS 49.79
signal [adc counts]

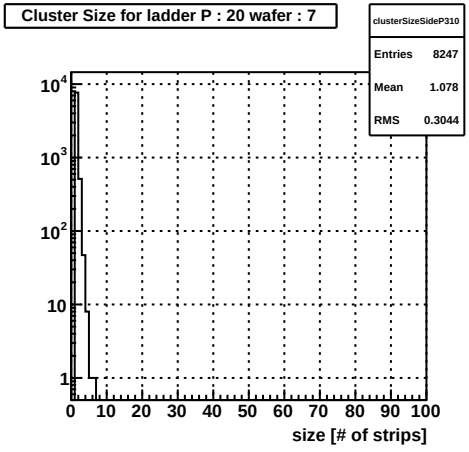

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 7823
Mean 1.125
RMS 0.3998
size [# of strips]

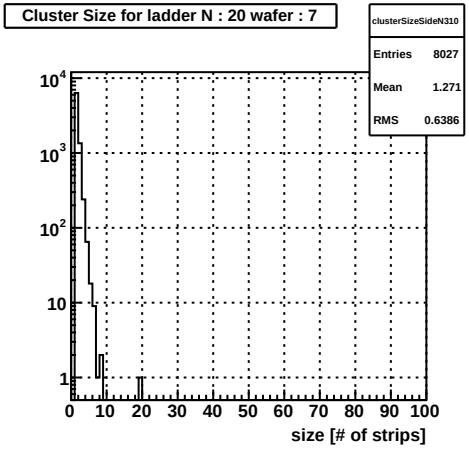

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 21015
Mean 1.198
RMS 0.5247
size [# of strips]

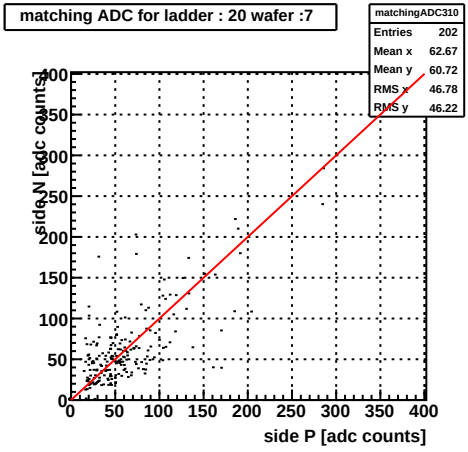

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 3107
Mean x 62.02
Mean y 60.66
RMS x 52.93
RMS y 48.96
side N [adc counts]
side P [adc counts]

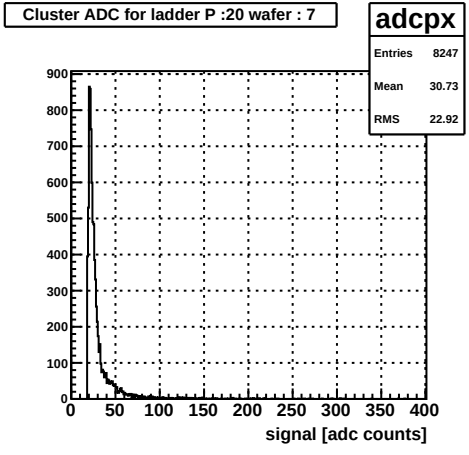

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 7823
Mean 60.49
RMS 50.5
signal [adc counts]

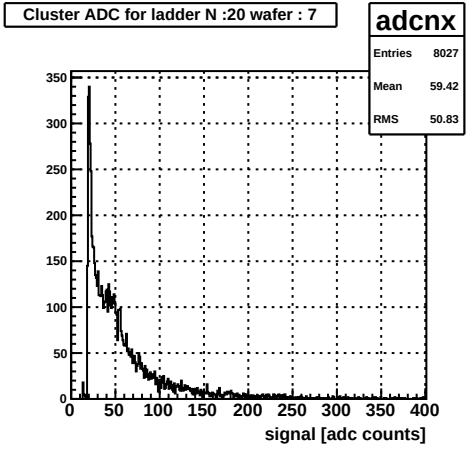

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 21015
Mean 31.78
RMS 35.95
signal [adc counts]

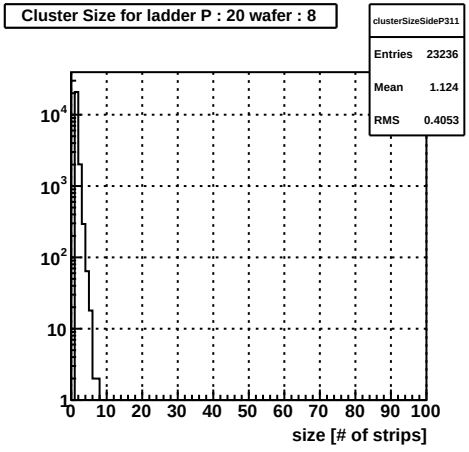

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 8247
Mean 1.078
RMS 0.3044
size [# of strips]

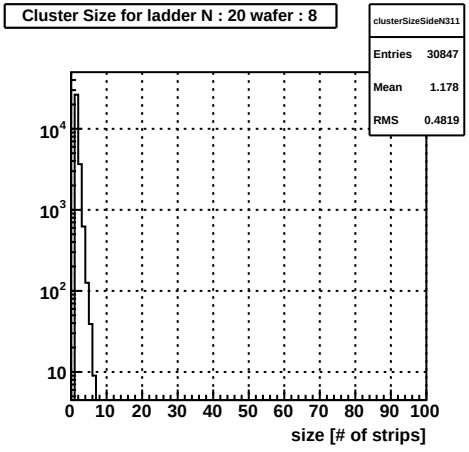

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 8027
Mean 1.271
RMS 0.6386
size [# of strips]

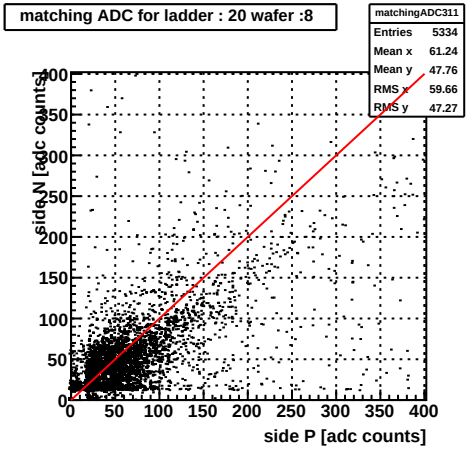

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 202
Mean x 62.67
Mean y 60.72
RMS x 46.78
RMS y 46.22
side N [adc counts]
side P [adc counts]

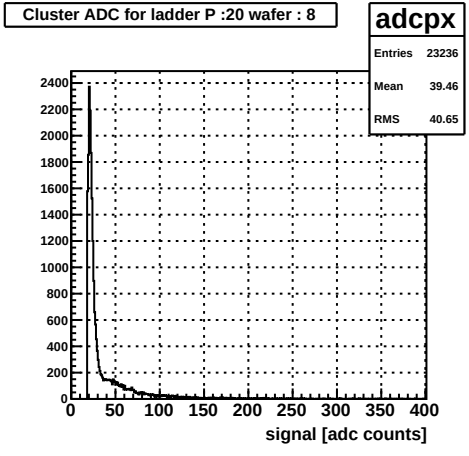

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 8247
Mean 30.73
RMS 22.92
signal [adc counts]

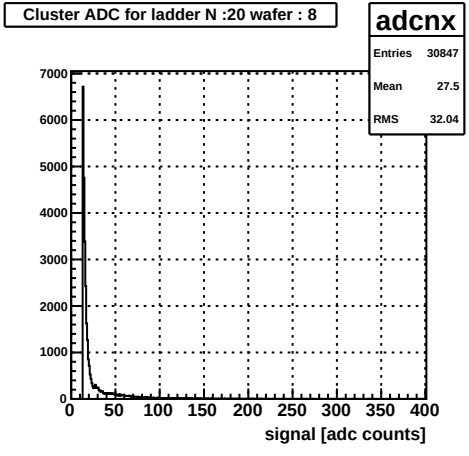

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 8027
Mean 59.42
RMS 50.83
signal [adc counts]

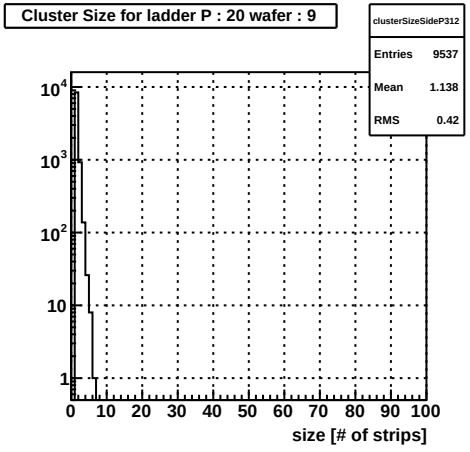

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 23236
Mean 1.124
RMS 0.4053
size [# of strips]

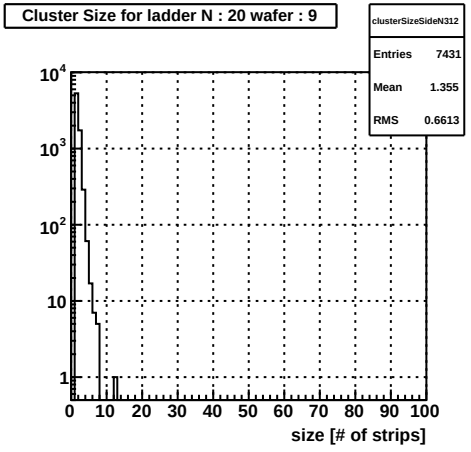

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 30847
Mean 1.178
RMS 0.4819
size [# of strips]

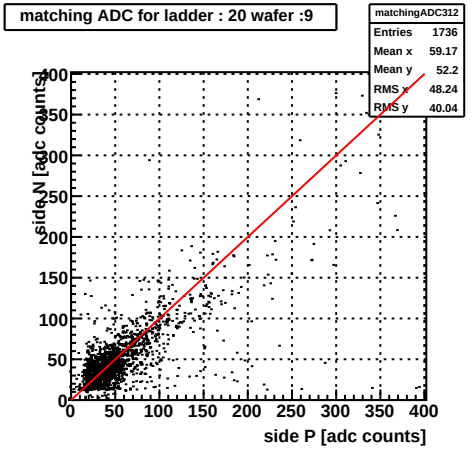

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 5334
Mean x 61.24
Mean y 47.76
RMS x 59.66
RMS y 47.27
side N [adc counts]
side P [adc counts]

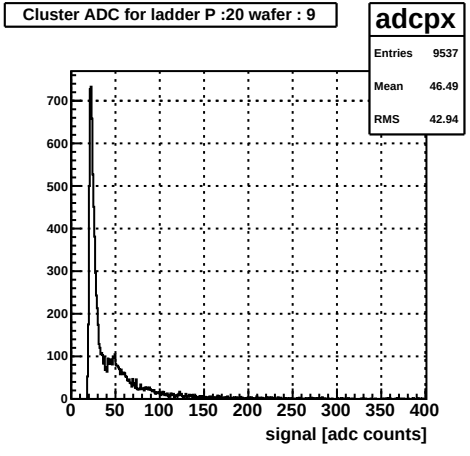

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 23236
Mean 39.46
RMS 40.65
signal [adc counts]

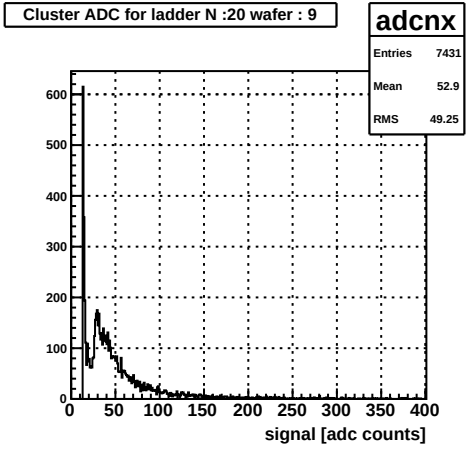

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 30847
Mean 27.5
RMS 32.04
signal [adc counts]

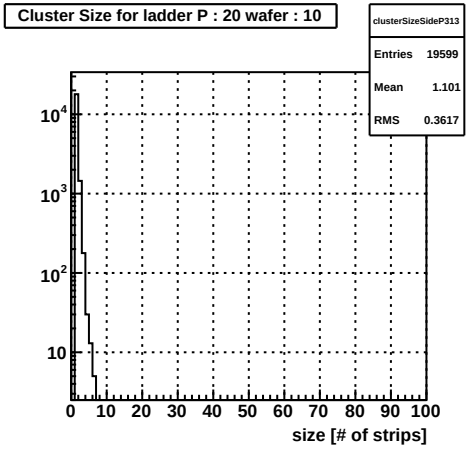

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 9537
Mean 1.138
RMS 0.42
size [# of strips]

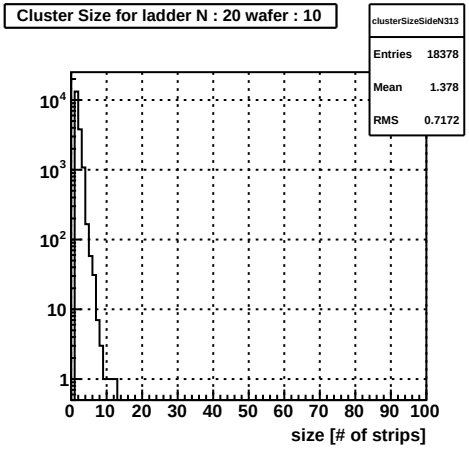

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 7431
Mean 1.355
RMS 0.6613
size [# of strips]

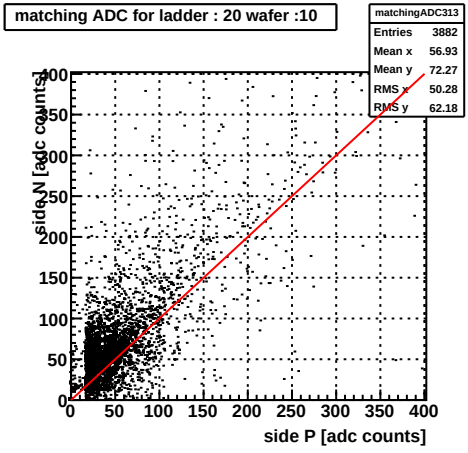

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 1736
Mean x 59.17
Mean y 52.2
RMS x 48.24
RMS y 40.04
side N [adc counts]
side P [adc counts]

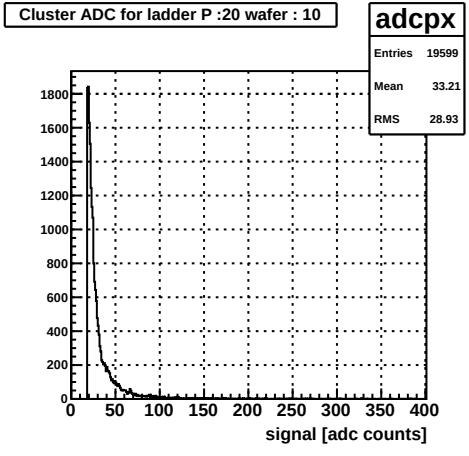

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 9537
Mean 46.49
RMS 42.94
signal [adc counts]

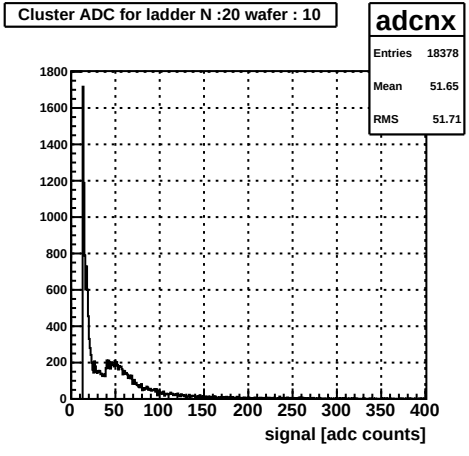

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 7431
Mean 52.9
RMS 49.25
signal [adc counts]

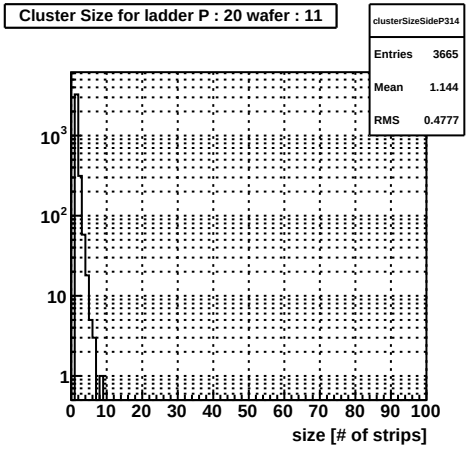

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 19599
Mean 1.101
RMS 0.3617
size [# of strips]

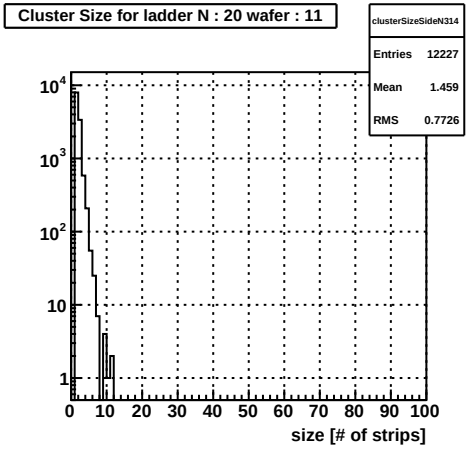

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 18378
Mean 1.378
RMS 0.7172
size [# of strips]

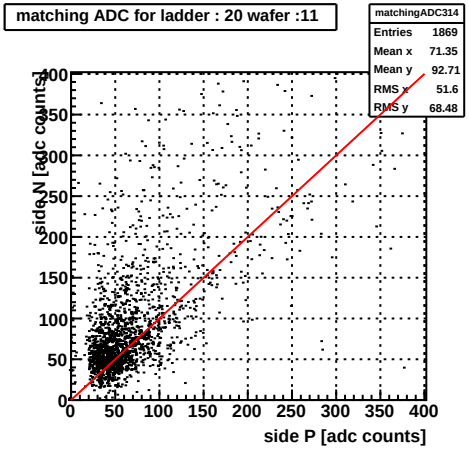

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 3882
Mean x 56.93
Mean y 72.27
RMS x 50.28
RMS y 62.18
side N [adc counts]
side P [adc counts]

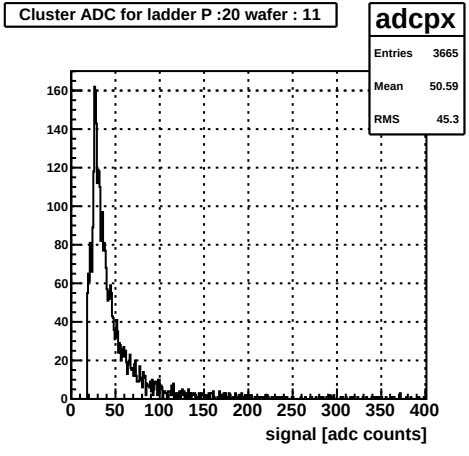

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 19599
Mean 33.21
RMS 28.93
signal [adc counts]

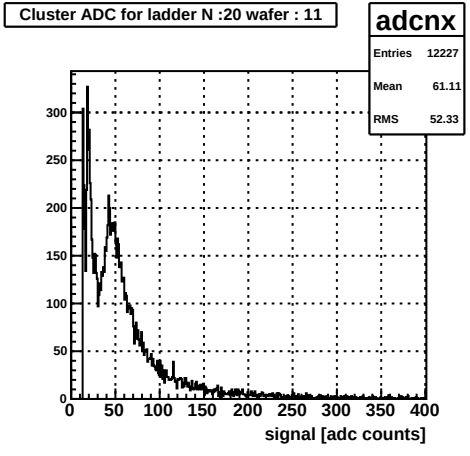

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 18378
Mean 51.65
RMS 51.71
signal [adc counts]

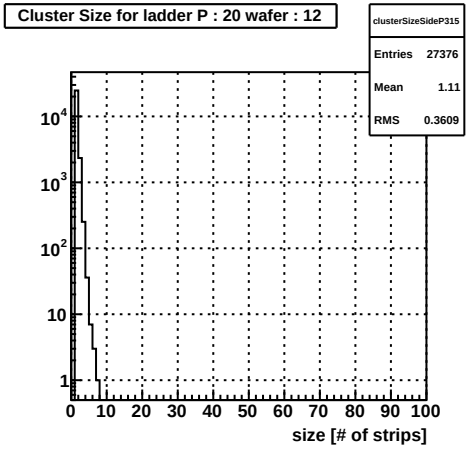

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 3665
Mean 1.144
RMS 0.4777
size [# of strips]

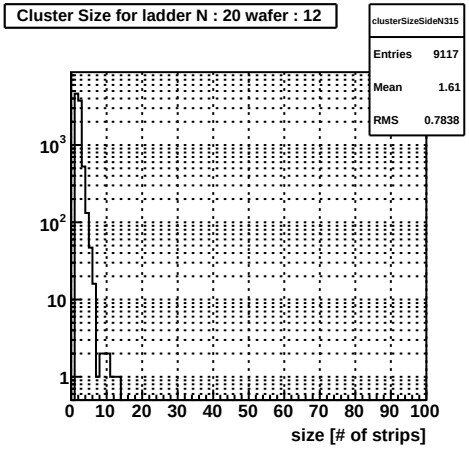

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 12227
Mean 1.459
RMS 0.7726
size [# of strips]

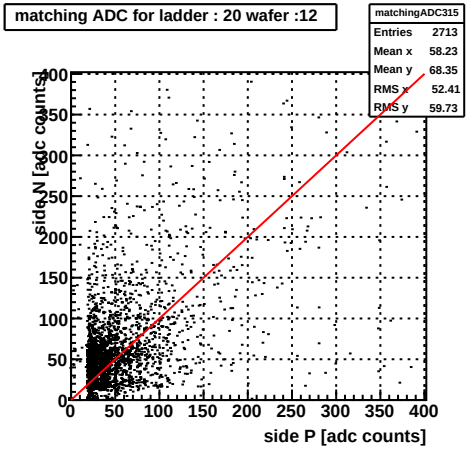

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 1869
Mean x 71.35
Mean y 92.71
RMS x 51.6
RMS y 68.48
side N [adc counts]
side P [adc counts]

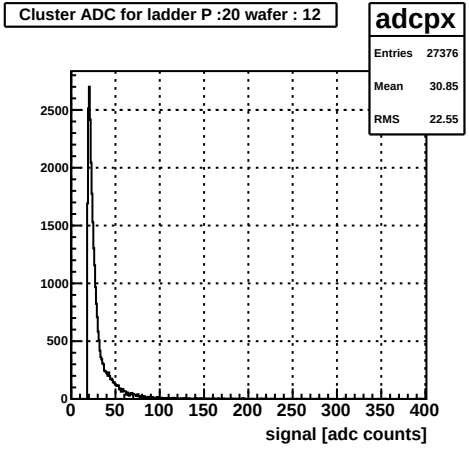

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 3665
Mean 50.59
RMS 45.3
signal [adc counts]

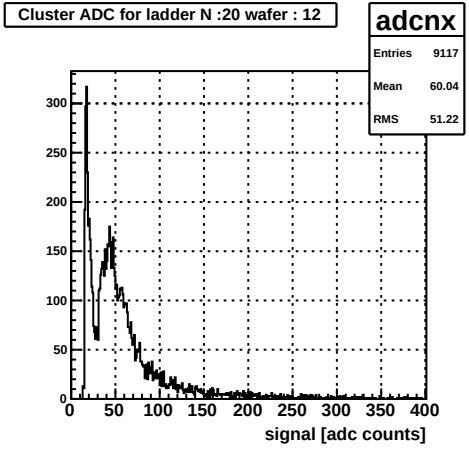

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 12227
Mean 61.11
RMS 52.33
signal [adc counts]

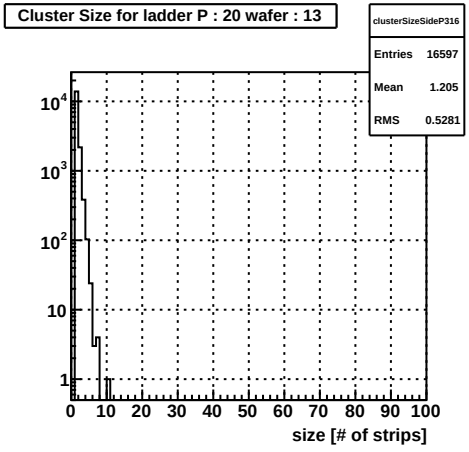

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 27376
Mean 1.11
RMS 0.3609
size [# of strips]

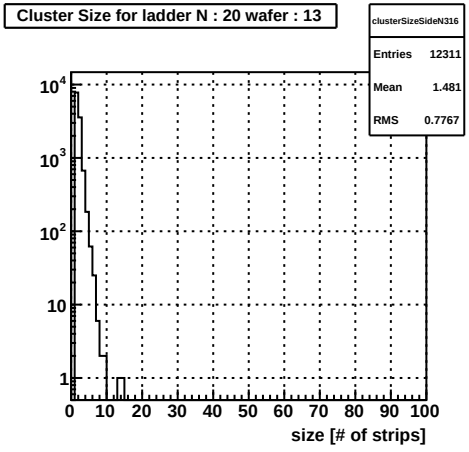

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 9117
Mean 1.61
RMS 0.7838
size [# of strips]

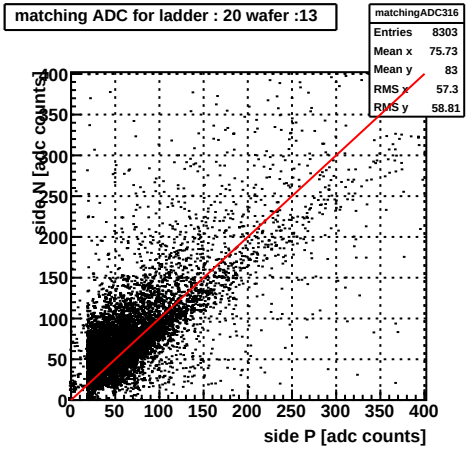

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 2713
Mean x 58.23
Mean y 68.35
RMS x 52.41
RMS y 59.73
side N [adc counts]
side P [adc counts]

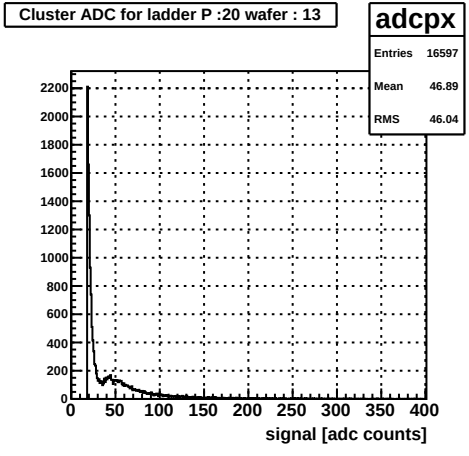

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 27376
Mean 30.85
RMS 22.55
signal [adc counts]

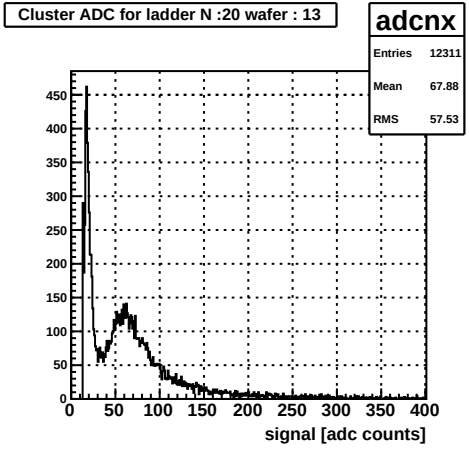

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 9117
Mean 60.04
RMS 51.22
signal [adc counts]

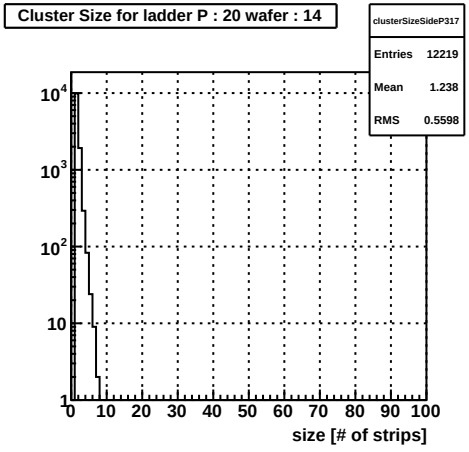

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 16597
Mean 1.205
RMS 0.5281
size [# of strips]

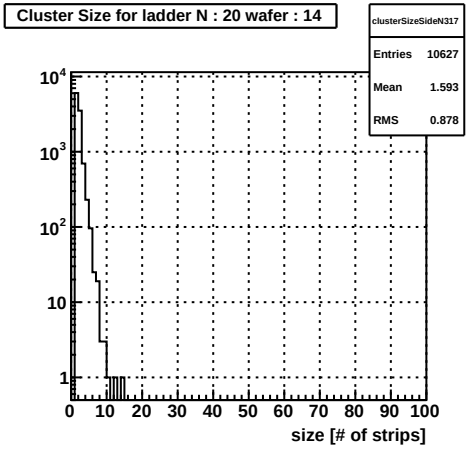

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 12311
Mean 1.481
RMS 0.7767
size [# of strips]

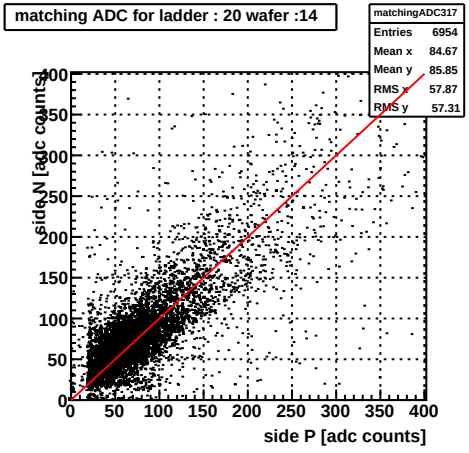

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 8303
Mean x 75.73
Mean y 83
RMS x 57.3
RMS y 58.81
side N [adc counts]
side P [adc counts]

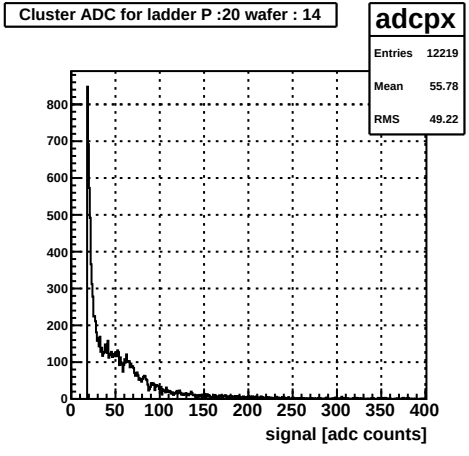

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 16597
Mean 46.89
RMS 46.04
signal [adc counts]

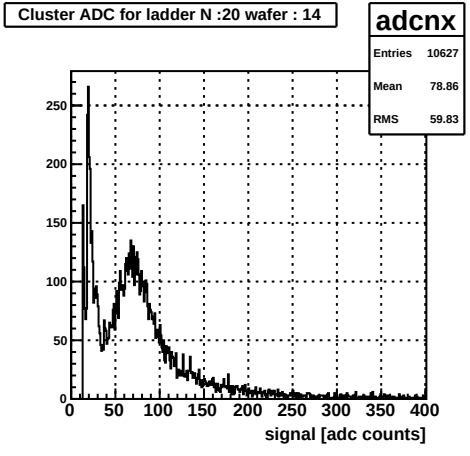

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 12311
Mean 67.88
RMS 57.53
signal [adc counts]

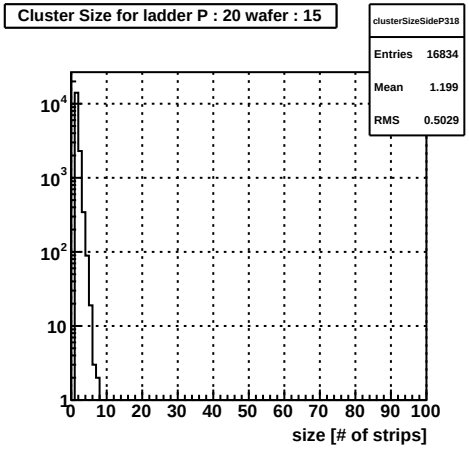

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 12219
Mean 1.238
RMS 0.5598
size [# of strips]

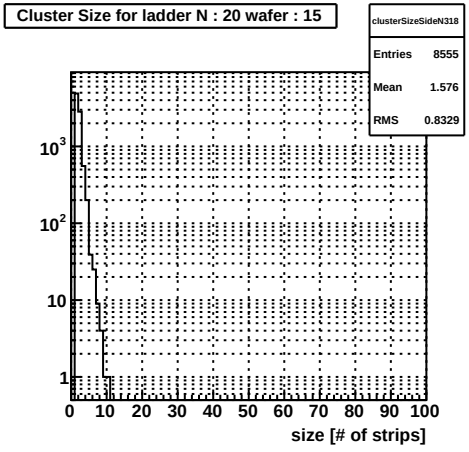

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 10627
Mean 1.593
RMS 0.878
size [# of strips]

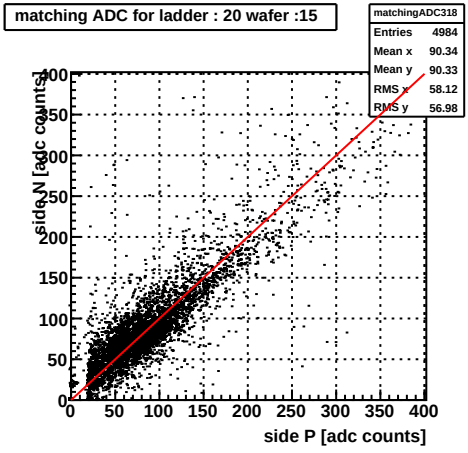

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 6954
Mean x 84.67
Mean y 85.85
RMS x 57.87
RMS y 57.31
side N [adc counts]
side P [adc counts]

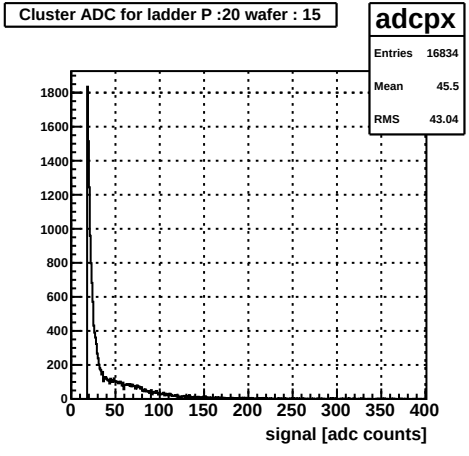

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 12219
Mean 55.78
RMS 49.22
signal [adc counts]

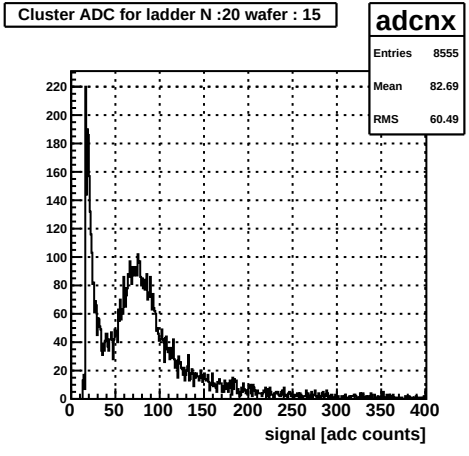

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 10627
Mean 78.86
RMS 59.83
signal [adc counts]

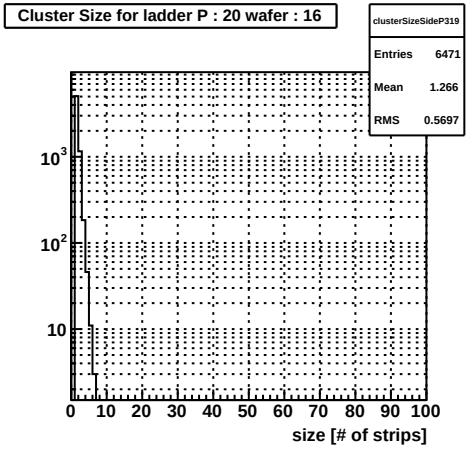

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 16834
Mean 1.199
RMS 0.5029
size [# of strips]

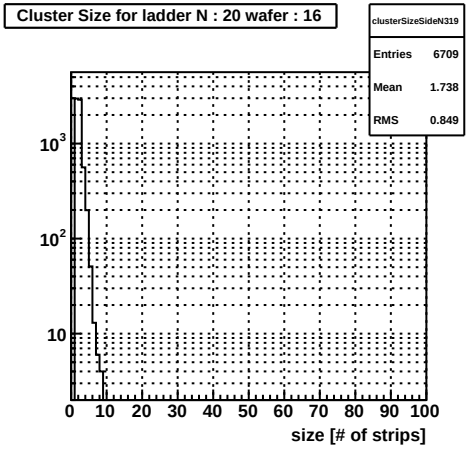

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 8555
Mean 1.576
RMS 0.8329
size [# of strips]

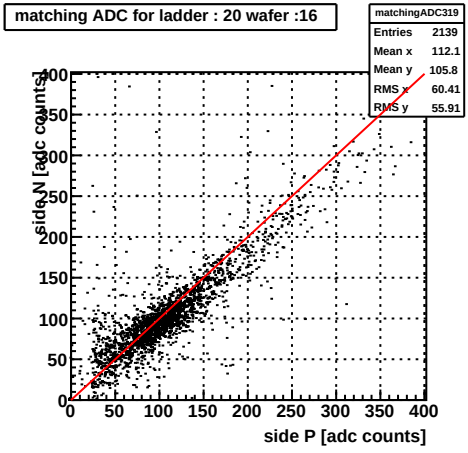

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 4984
Mean x 90.34
Mean y 90.33
RMS x 58.12
RMS y 56.98
side N [adc counts]
side P [adc counts]

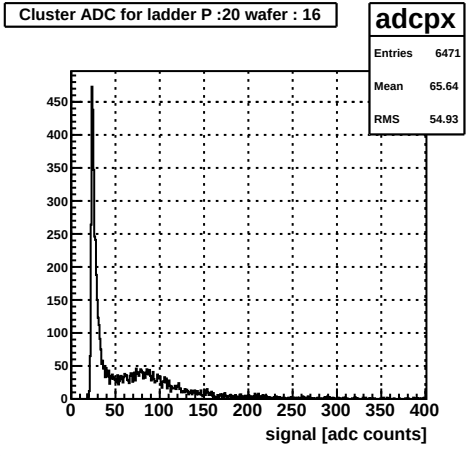

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 16834
Mean 45.5
RMS 43.04
signal [adc counts]

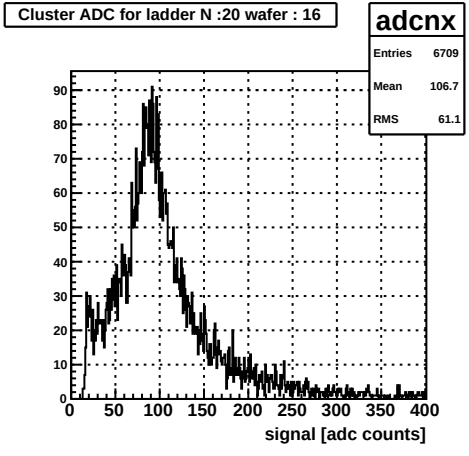

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 8555
Mean 82.69
RMS 60.49
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 6471
Mean 1.266
RMS 0.5697
size [# of strips]

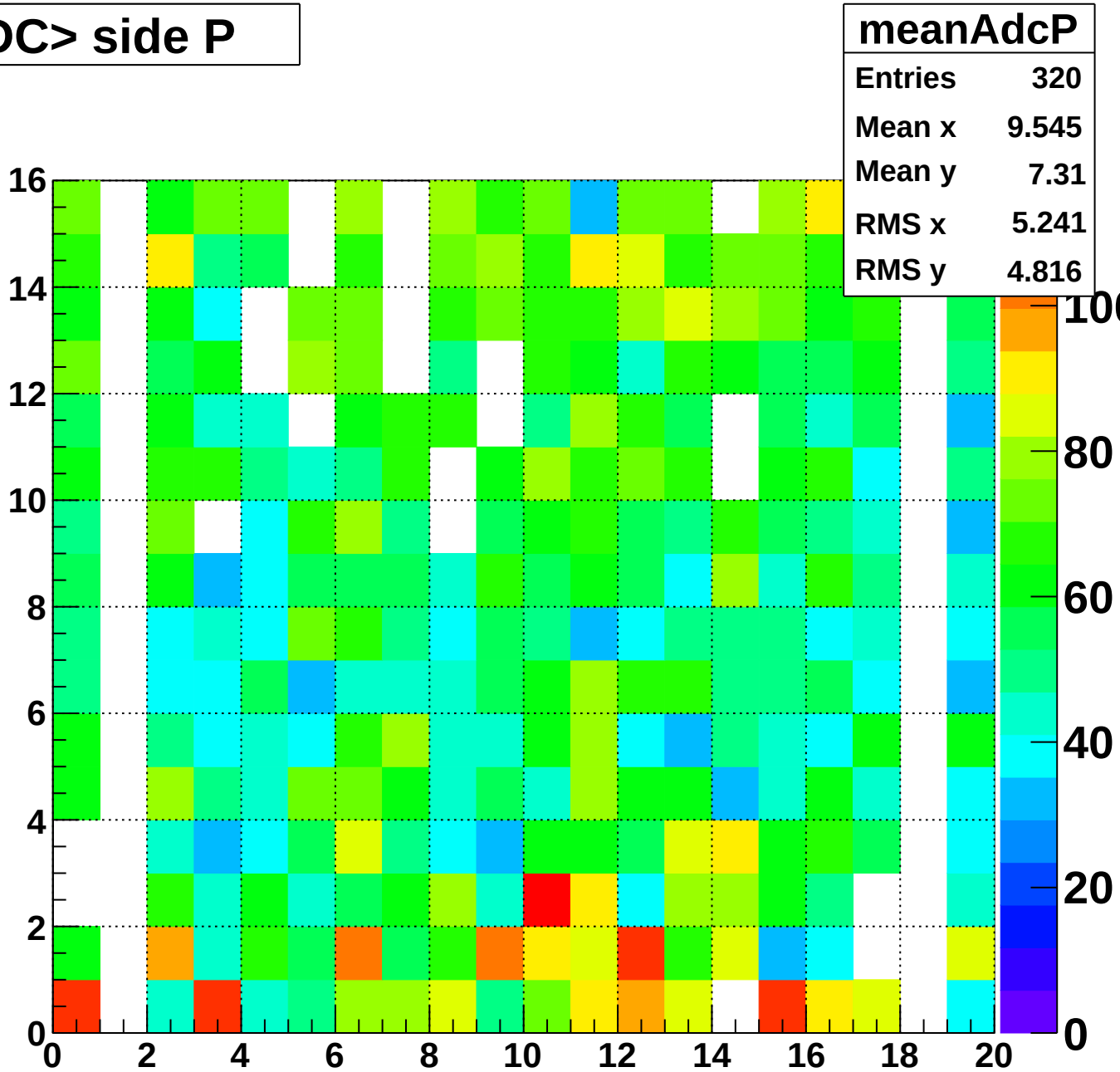

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 6709
Mean 1.738
RMS 0.849
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 2139
Mean x 112.1
Mean y 105.8
RMS x 60.41
RMS y 55.91
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 6471
Mean 65.64
RMS 54.93
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 6709
Mean 106.7
RMS 61.1
signal [adc counts]

<ADC> side P



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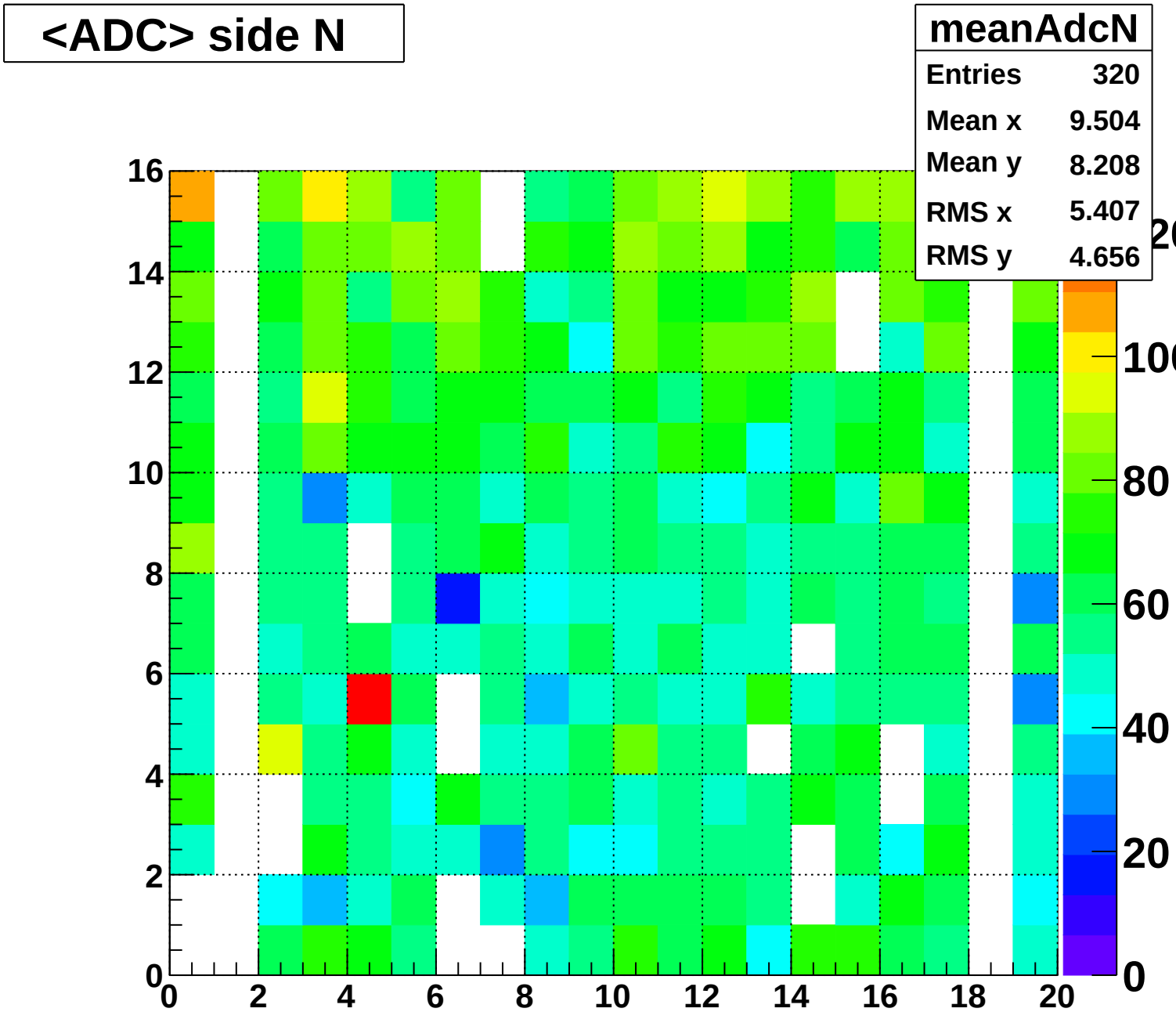

2016-06-20 23:38:18