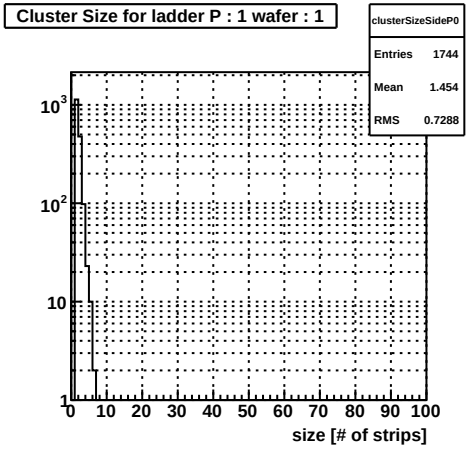
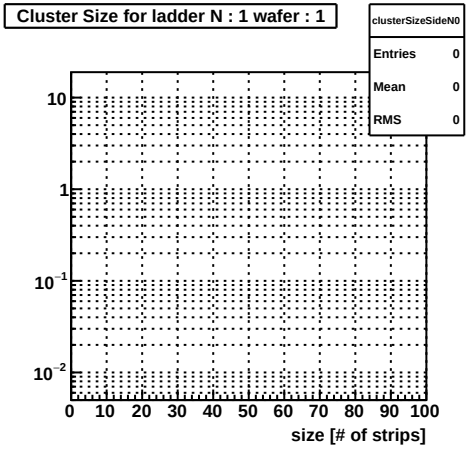
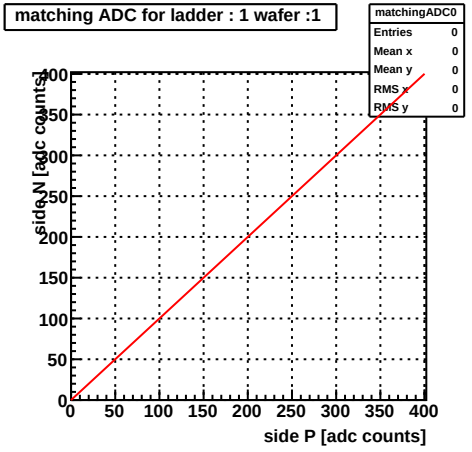
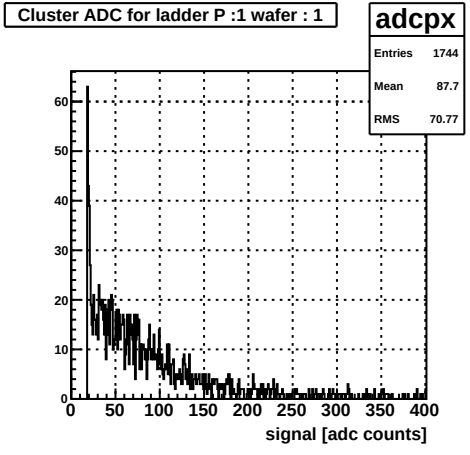
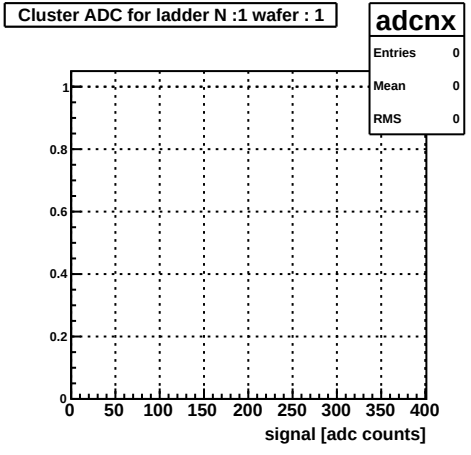
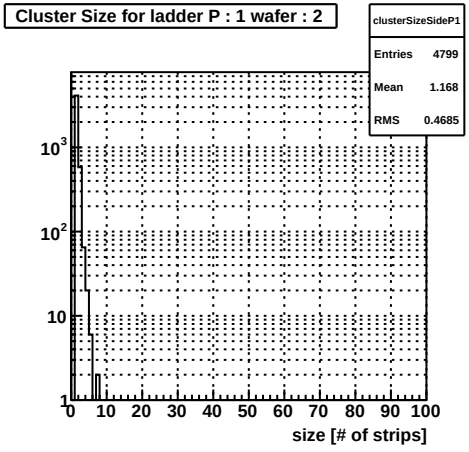

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1744
Mean 1.454
RMS 0.7288
size [# of strips]

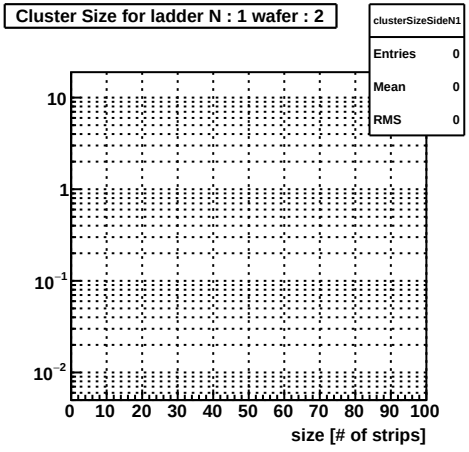

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

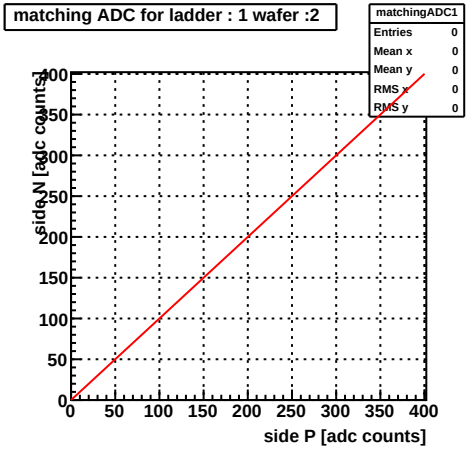

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

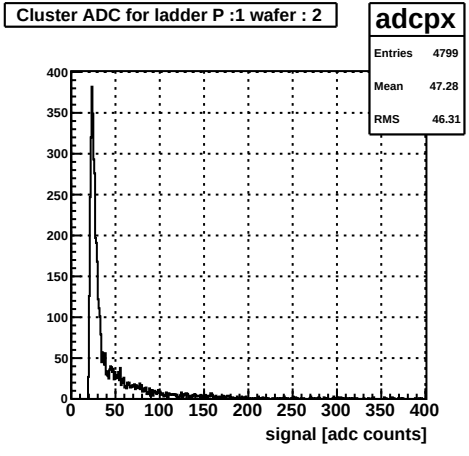

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1744
Mean 87.7
RMS 70.77
signal [adc counts]

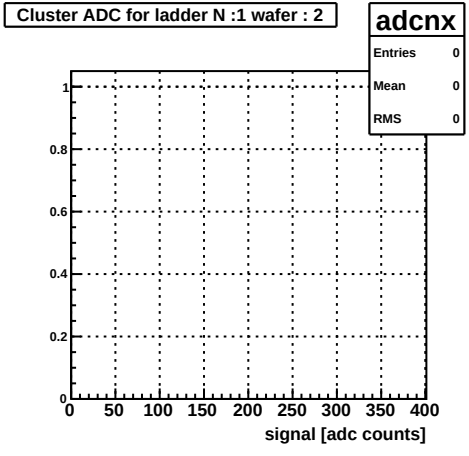

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

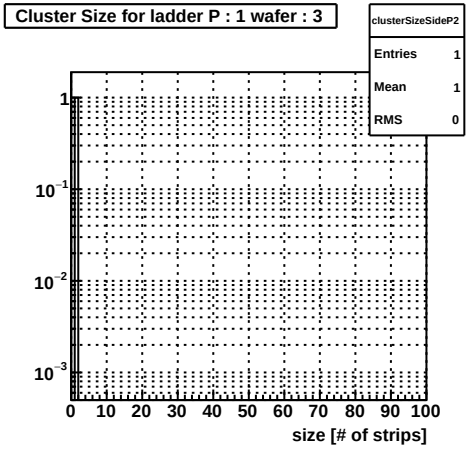

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 4799
Mean 1.168
RMS 0.4685
size [# of strips]

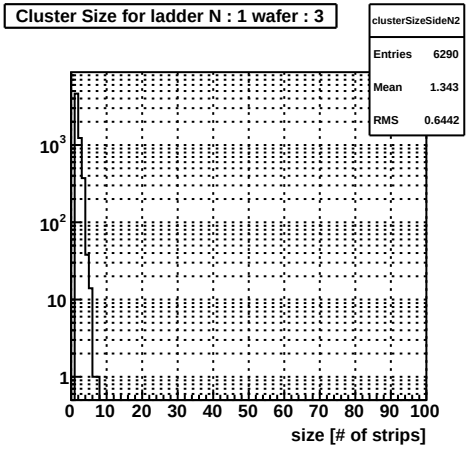

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

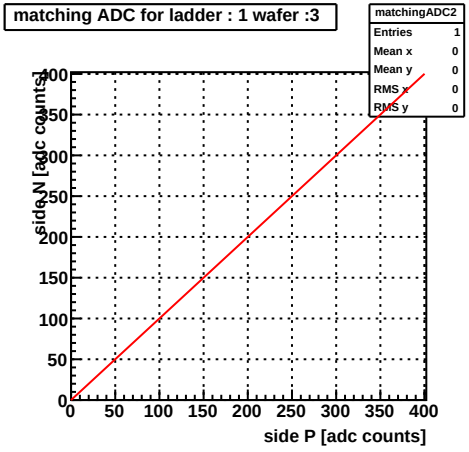

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

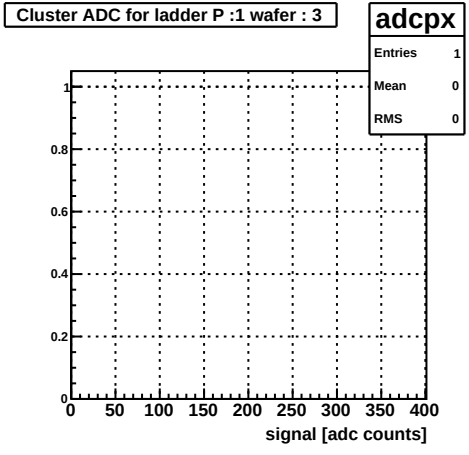

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 4799
Mean 47.28
RMS 46.31
signal [adc counts]

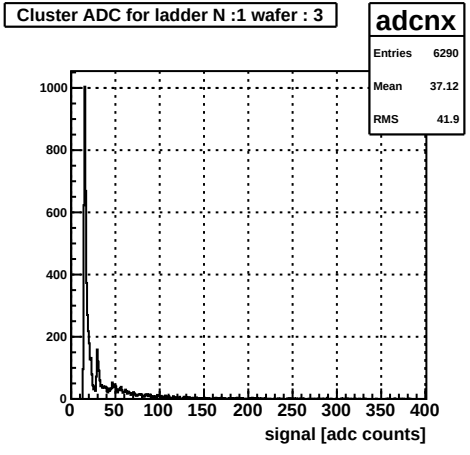

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

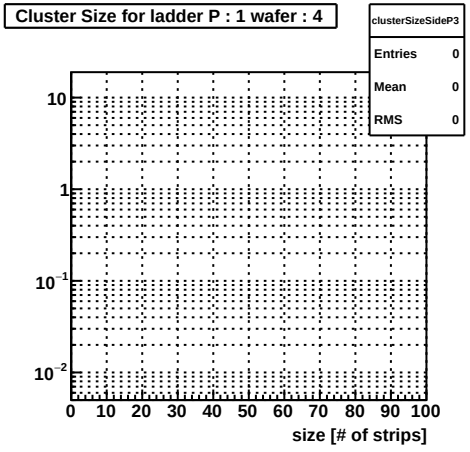

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

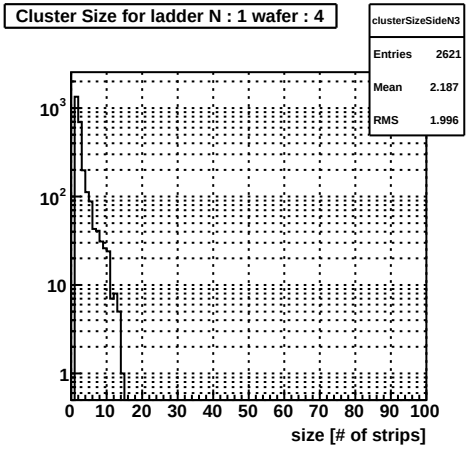

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 6290
Mean 1.343
RMS 0.6442
size [# of strips]

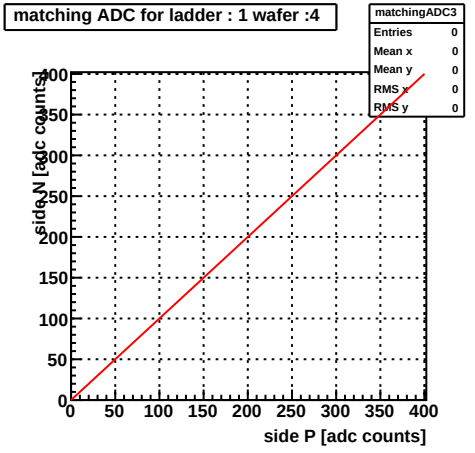

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

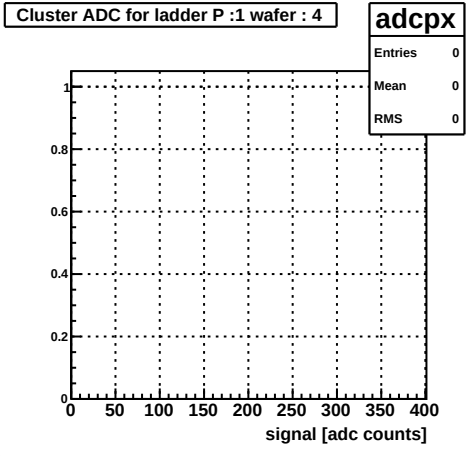

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

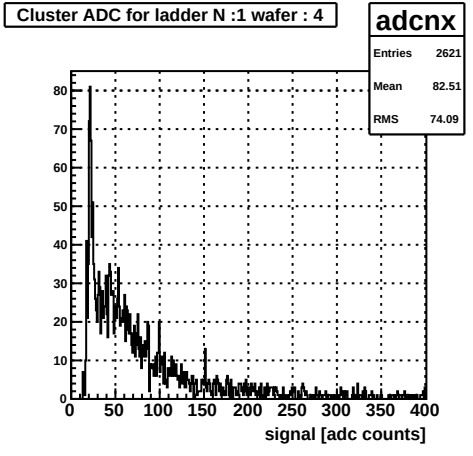

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 6290
Mean 37.12
RMS 41.9
signal [adc counts]

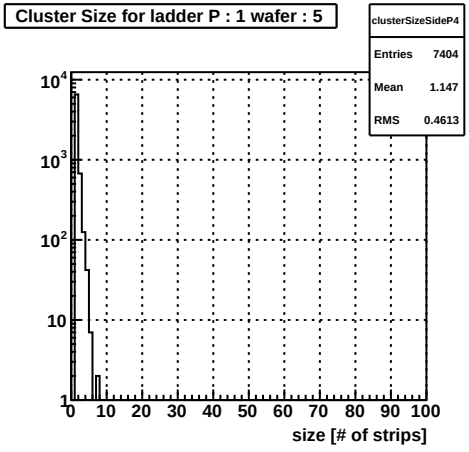

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

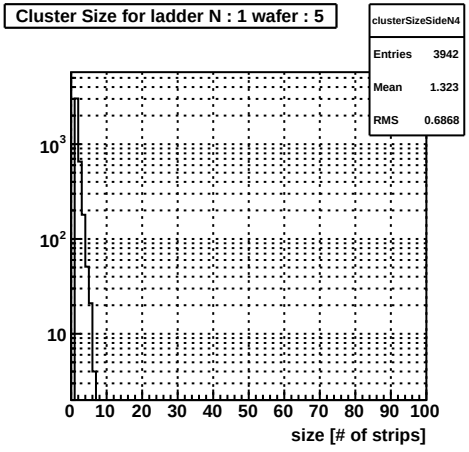

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 2621
Mean 2.187
RMS 1.996
size [# of strips]

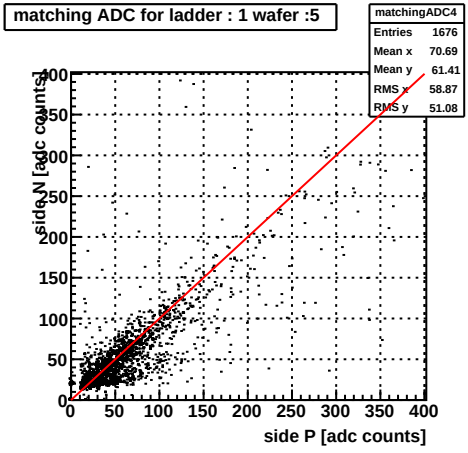

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

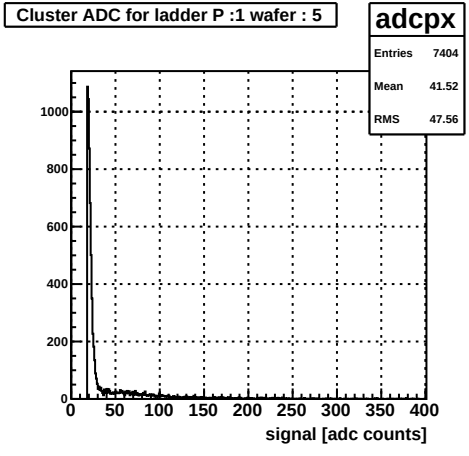

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

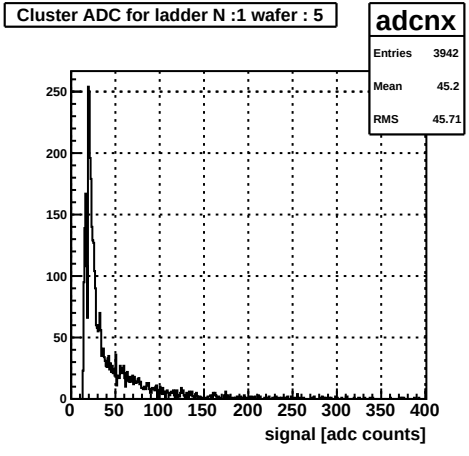

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 2621
Mean 82.51
RMS 74.09
signal [adc counts]

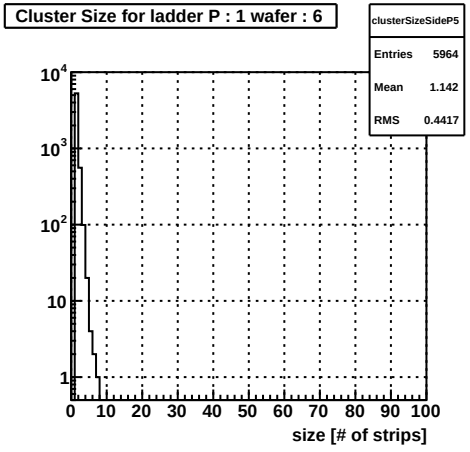

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 7404
Mean 1.147
RMS 0.4613
size [# of strips]

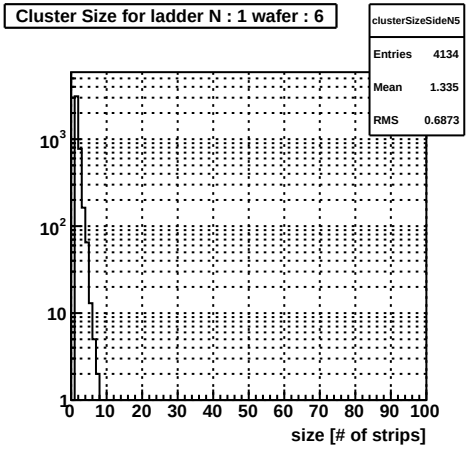

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 3942
Mean 1.323
RMS 0.6868
size [# of strips]

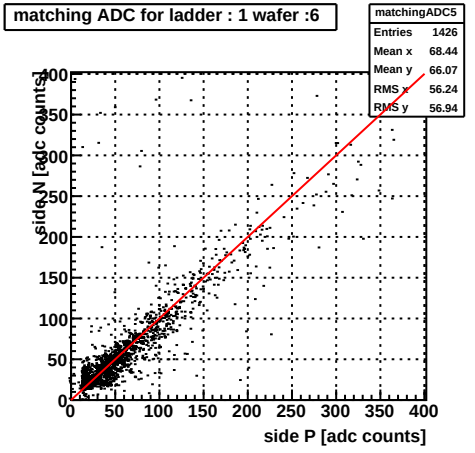

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1676
Mean x 70.69
Mean y 61.41
RMS x 58.87
RMS y 51.08
side N [adc counts]
side P [adc counts]

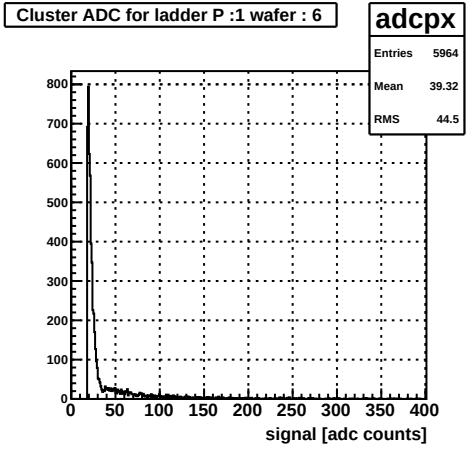

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 7404
Mean 41.52
RMS 47.56
signal [adc counts]

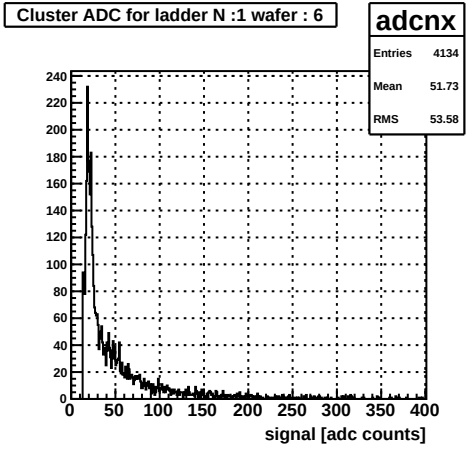

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 3942
Mean 45.2
RMS 45.71
signal [adc counts]

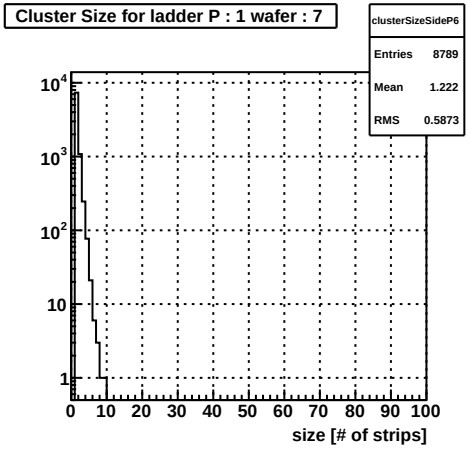

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 5964
Mean 1.142
RMS 0.4417
size [# of strips]

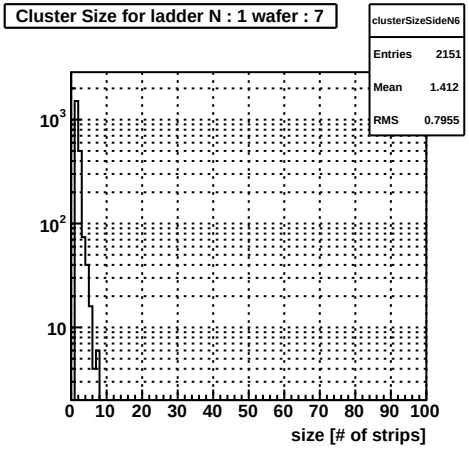

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4134
Mean 1.335
RMS 0.6873
size [# of strips]

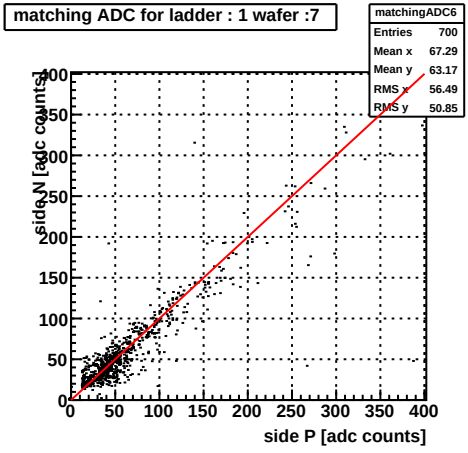

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1426
Mean x 68.44
Mean y 66.07
RMS x 56.24
RMS y 56.94
side N [adc counts]
side P [adc counts]

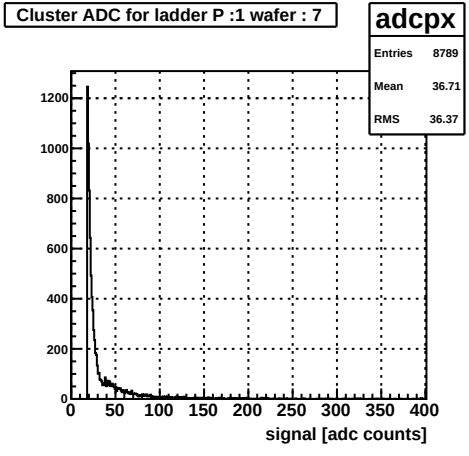

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 5964
Mean 39.32
RMS 44.5
signal [adc counts]

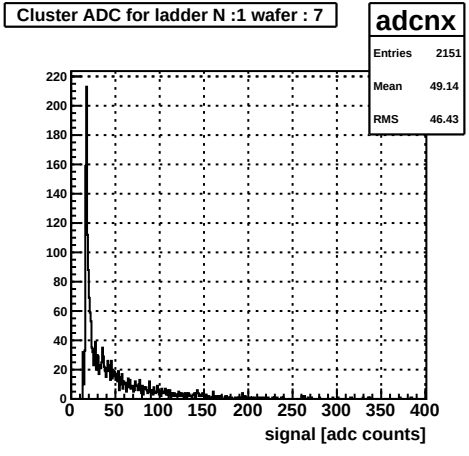

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4134
Mean 51.73
RMS 53.58
signal [adc counts]

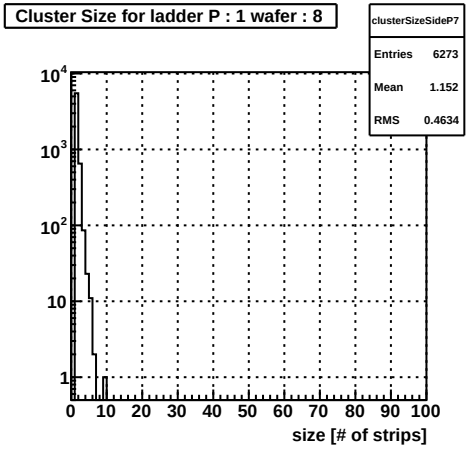

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 8789
Mean 1.222
RMS 0.5873
size [# of strips]

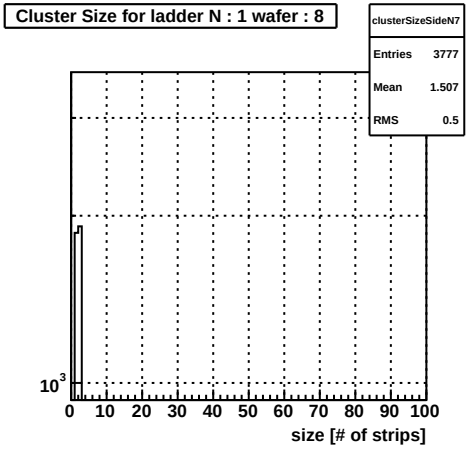

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2151
Mean 1.412
RMS 0.7955
size [# of strips]

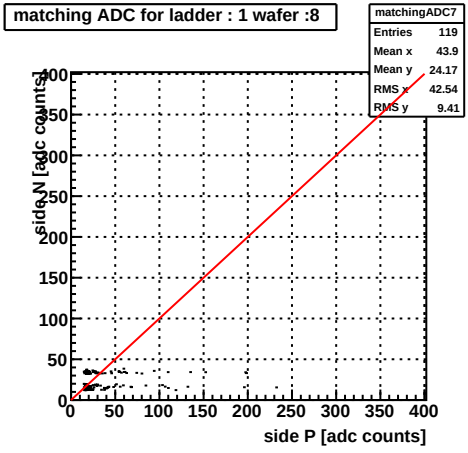

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 700
Mean x 67.29
Mean y 63.17
RMS x 56.49
RMS y 50.85
side N [adc counts]
side P [adc counts]

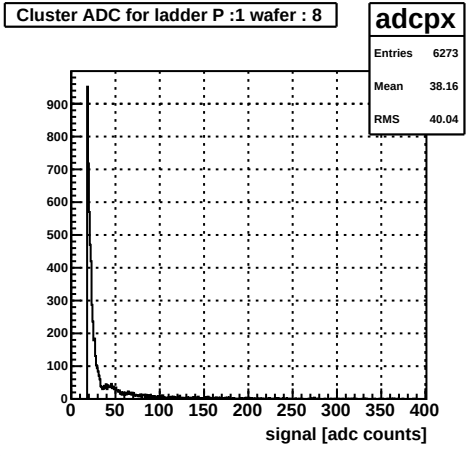

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 8789
Mean 36.71
RMS 36.37
signal [adc counts]

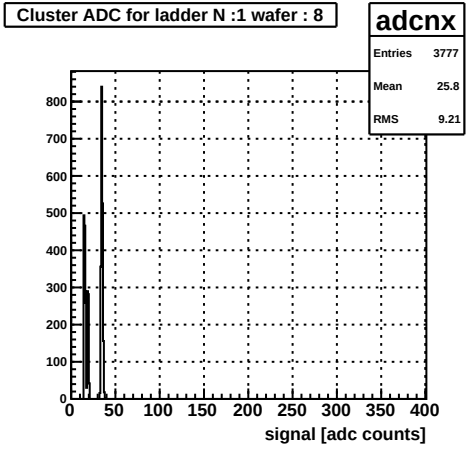

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2151
Mean 49.14
RMS 46.43
signal [adc counts]

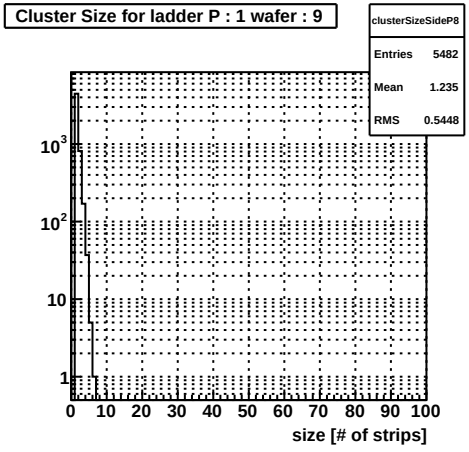

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 6273
Mean 1.152
RMS 0.4634
size [# of strips]

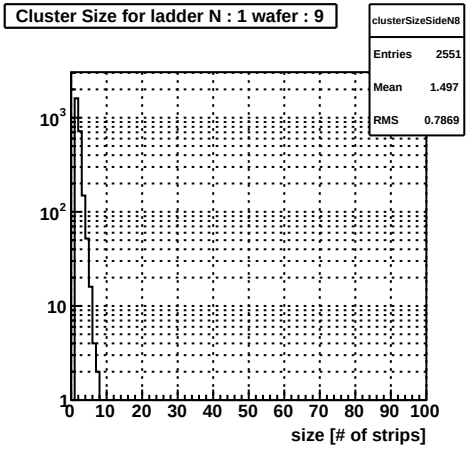

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 3777
Mean 1.507
RMS 0.5
size [# of strips]

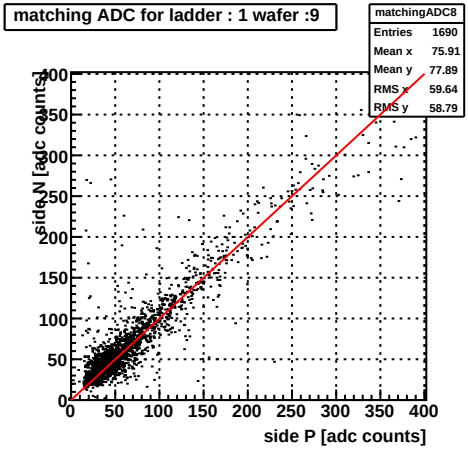

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 119
Mean x 43.9
Mean y 24.17
RMS x 42.54
RMS y 9.41
side N [adc counts]
side P [adc counts]

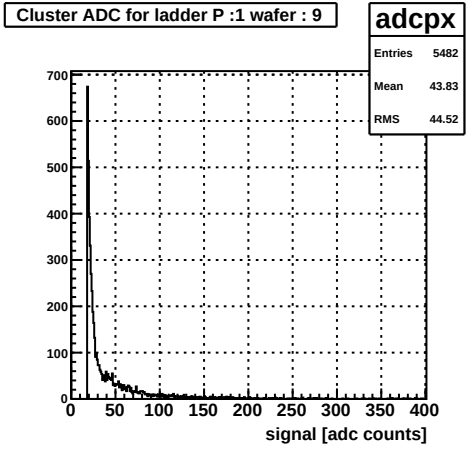

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 6273
Mean 38.16
RMS 40.04
signal [adc counts]

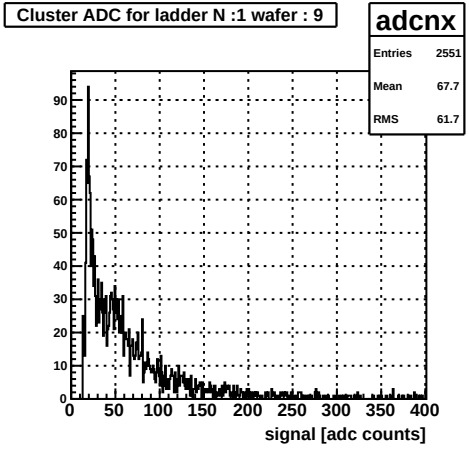

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 3777
Mean 25.8
RMS 9.21
signal [adc counts]

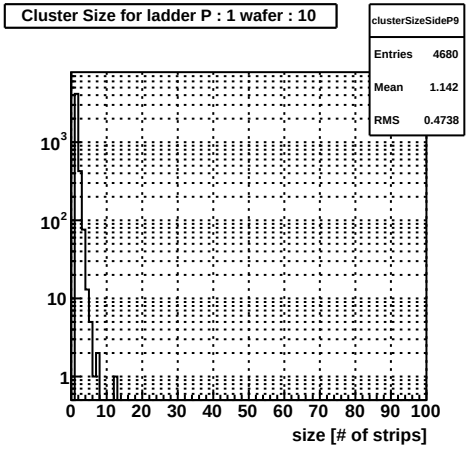

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 5482
Mean 1.235
RMS 0.5448
size [# of strips]

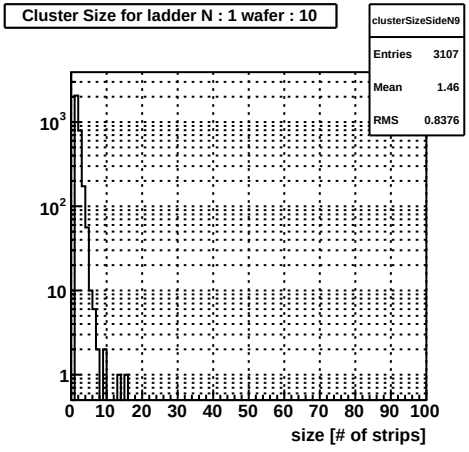

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2551
Mean 1.497
RMS 0.7869
size [# of strips]

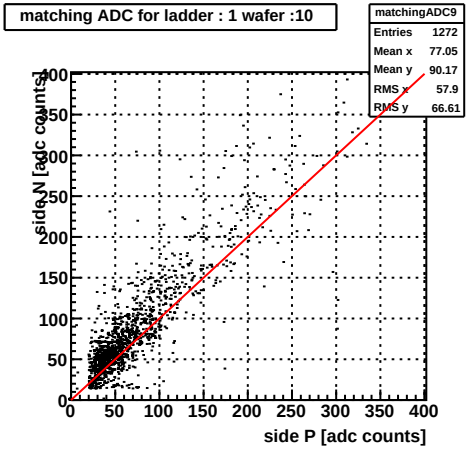

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1690
Mean x 75.91
Mean y 77.89
RMS x 59.64
RMS y 58.79
side N [adc counts]
side P [adc counts]

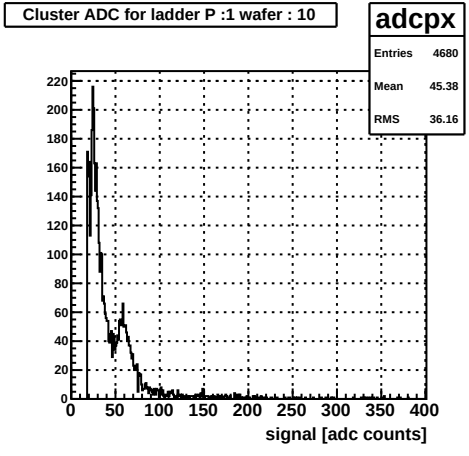

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 5482
Mean 43.83
RMS 44.52
signal [adc counts]

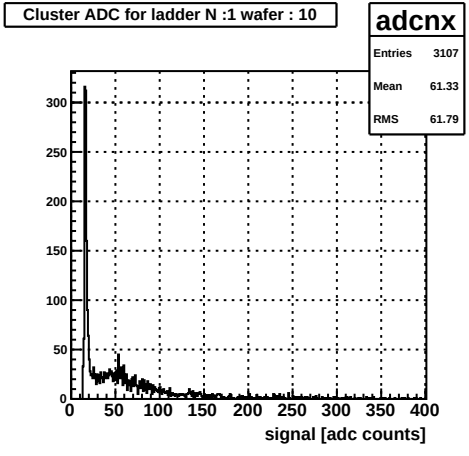

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2551
Mean 67.7
RMS 61.7
signal [adc counts]

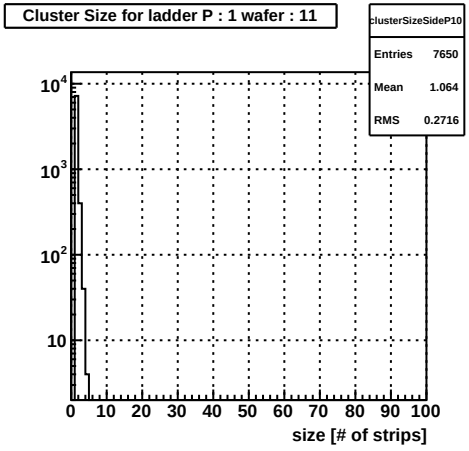

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 4680
Mean 1.142
RMS 0.4738
size [# of strips]

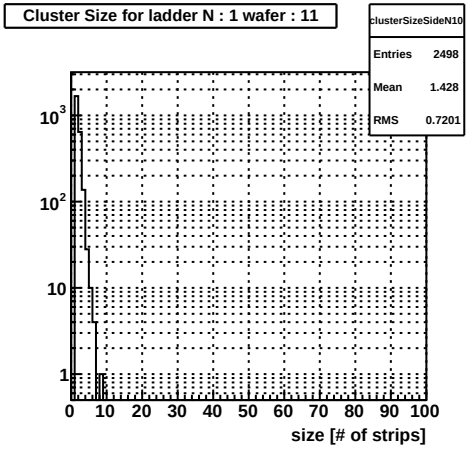

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3107
Mean 1.46
RMS 0.8376
size [# of strips]

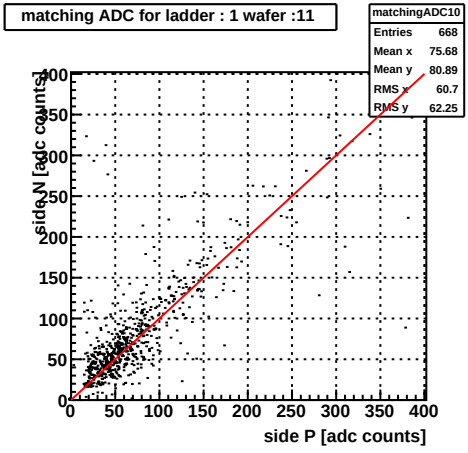

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1272
Mean x 77.05
Mean y 90.17
RMS x 57.9
RMS y 66.61
side N [adc counts]
side P [adc counts]

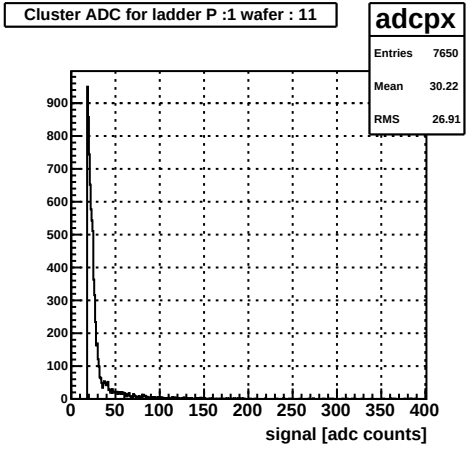

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 4680
Mean 45.38
RMS 36.16
signal [adc counts]

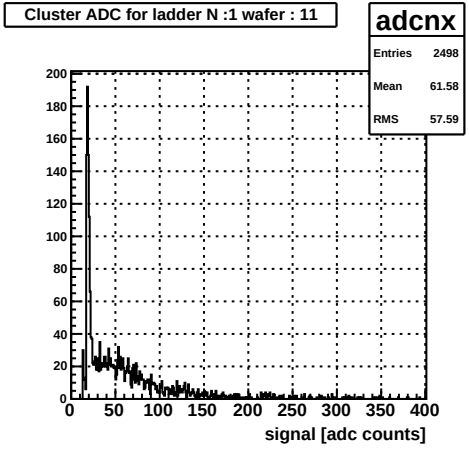

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3107
Mean 61.33
RMS 61.79
signal [adc counts]

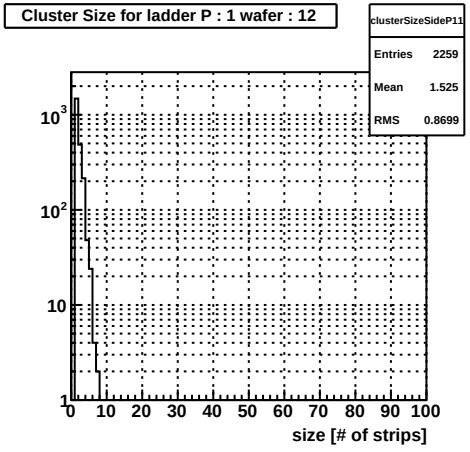

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 7650
Mean 1.064
RMS 0.2716
size [# of strips]

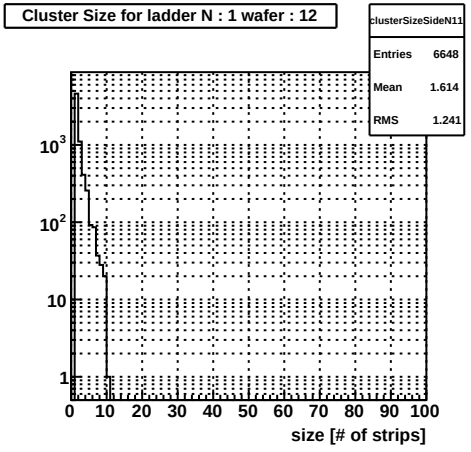

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2498
Mean 1.428
RMS 0.7201
size [# of strips]

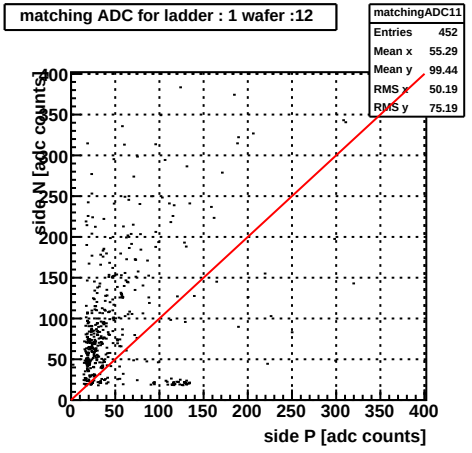

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 668
Mean x 75.68
Mean y 80.89
RMS x 60.7
RMS y 62.25
side N [adc counts]
side P [adc counts]

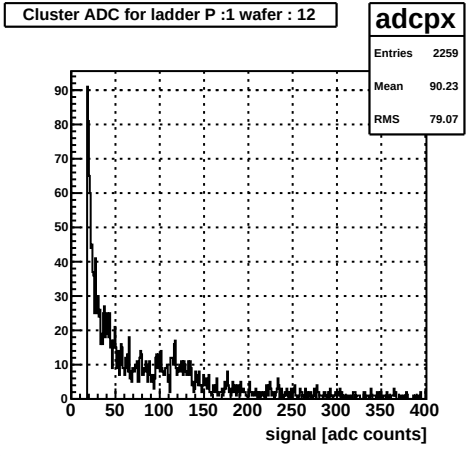

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 7650
Mean 30.22
RMS 26.91
signal [adc counts]

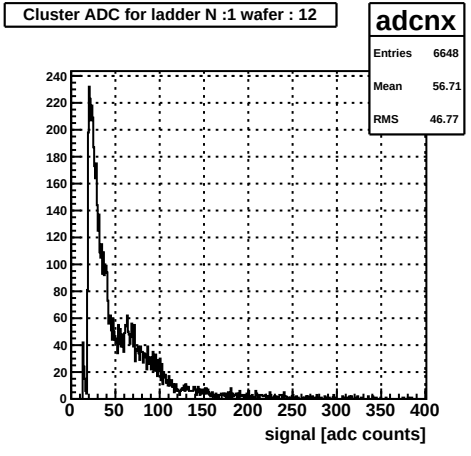

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2498
Mean 61.58
RMS 57.59
signal [adc counts]

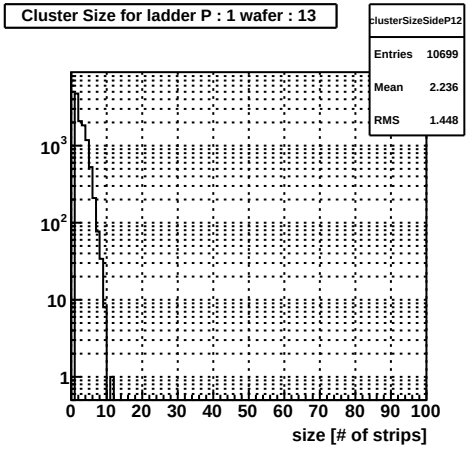

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2259
Mean 1.525
RMS 0.8699
size [# of strips]

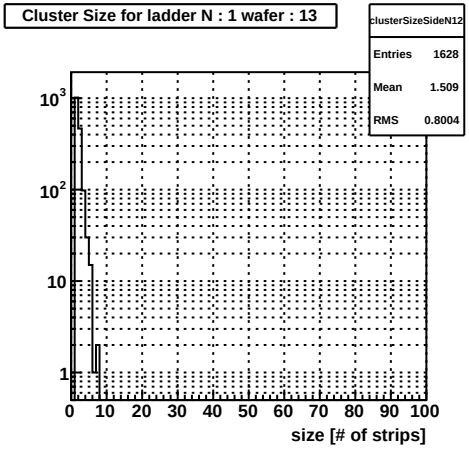

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 6648
Mean 1.614
RMS 1.241
size [# of strips]

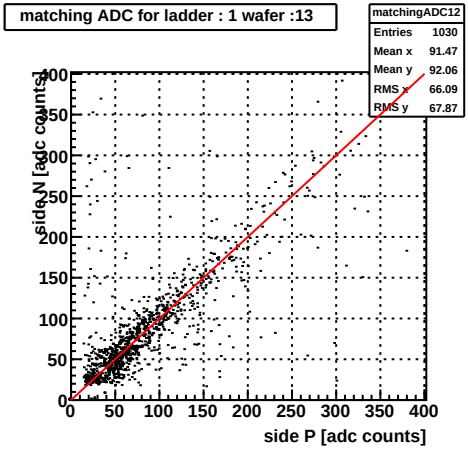

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 452
Mean x 55.29
Mean y 99.44
RMS x 50.19
RMS y 75.19
side N [adc counts]
side P [adc counts]

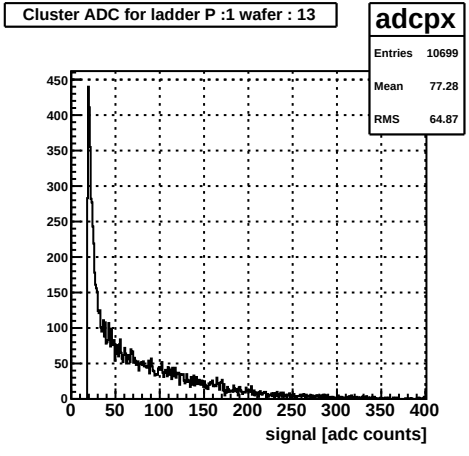

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2259
Mean 90.23
RMS 79.07
signal [adc counts]

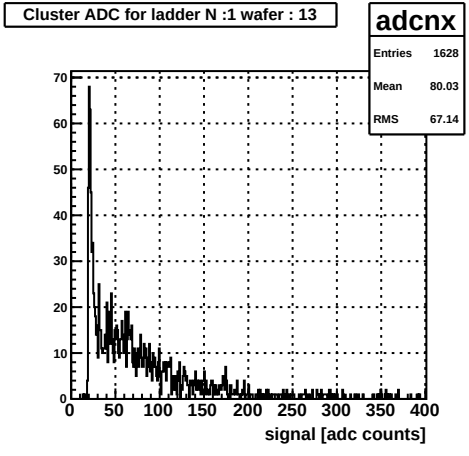

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 6648
Mean 56.71
RMS 46.77
signal [adc counts]

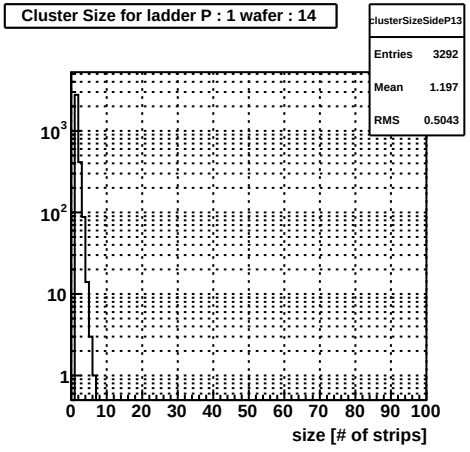

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 10699
Mean 2.236
RMS 1.448
size [# of strips]

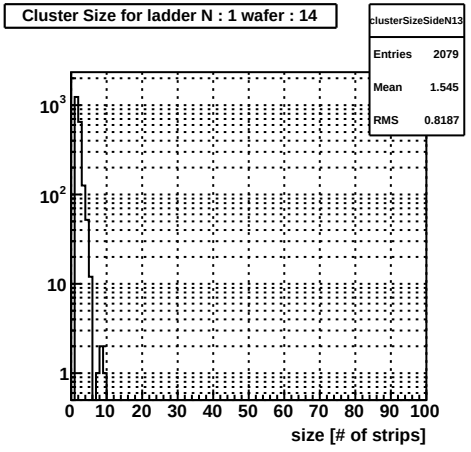

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1628
Mean 1.509
RMS 0.8004
size [# of strips]

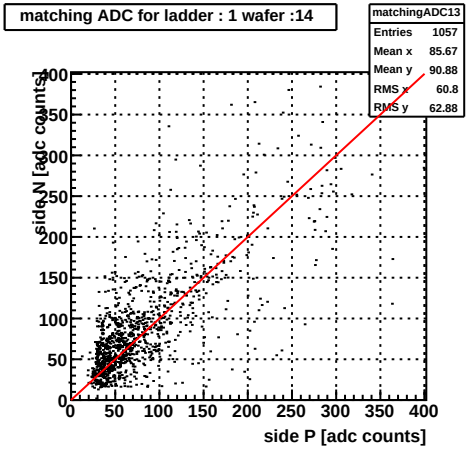

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1030
Mean x 91.47
Mean y 92.06
RMS x 66.09
RMS y 67.87
side N [adc counts]
side P [adc counts]

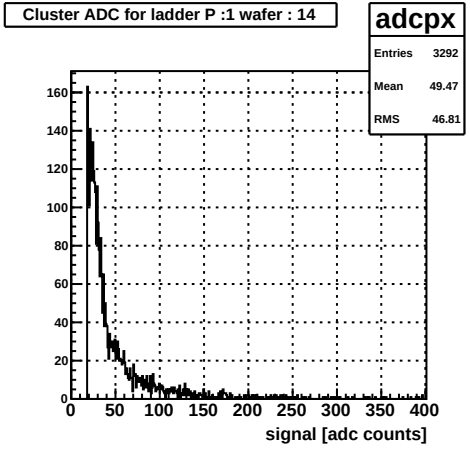

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 10699
Mean 77.28
RMS 64.87
signal [adc counts]

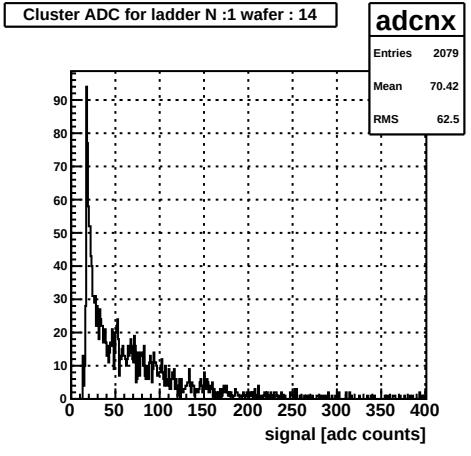

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1628
Mean 80.03
RMS 67.14
signal [adc counts]

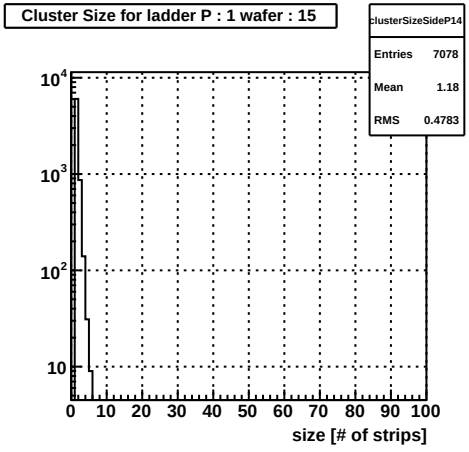

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 3292
Mean 1.197
RMS 0.5043
size [# of strips]

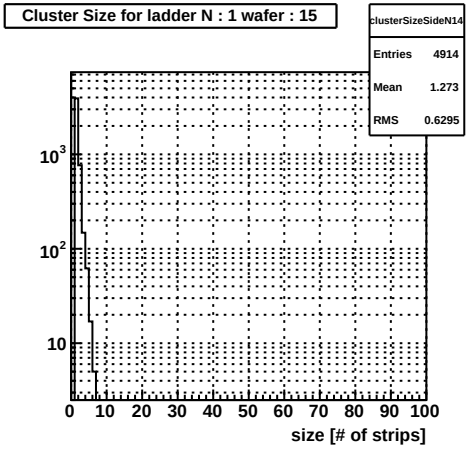

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2079
Mean 1.545
RMS 0.8187
size [# of strips]

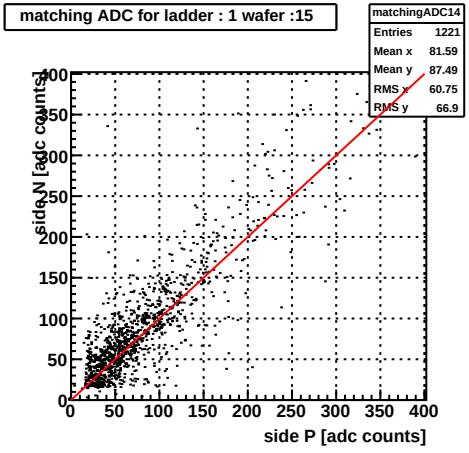

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 1057
Mean x 85.67
Mean y 90.88
RMS x 60.8
RMS y 62.88
side N [adc counts]
side P [adc counts]

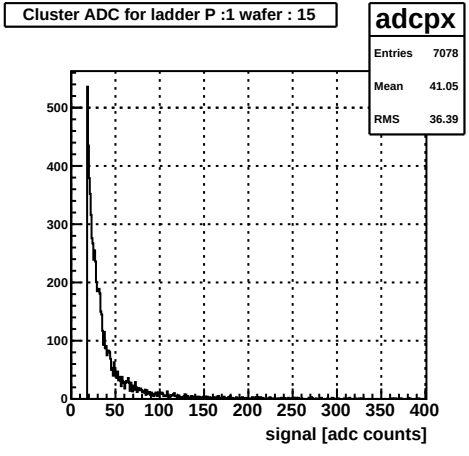

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 3292
Mean 49.47
RMS 46.81
signal [adc counts]

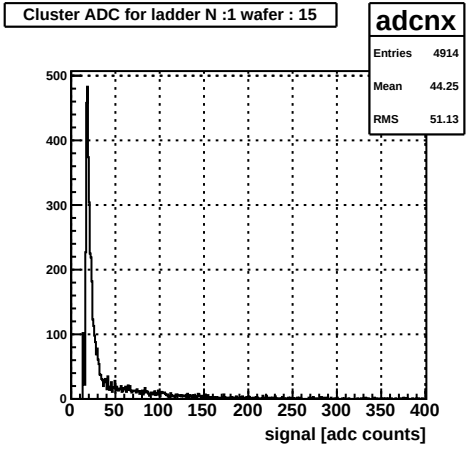

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2079
Mean 70.42
RMS 62.5
signal [adc counts]

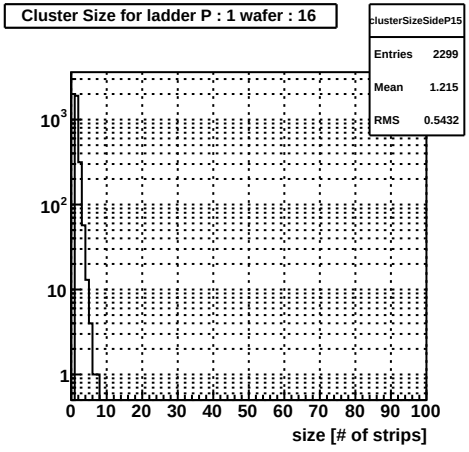

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 7078
Mean 1.18
RMS 0.4783
size [# of strips]

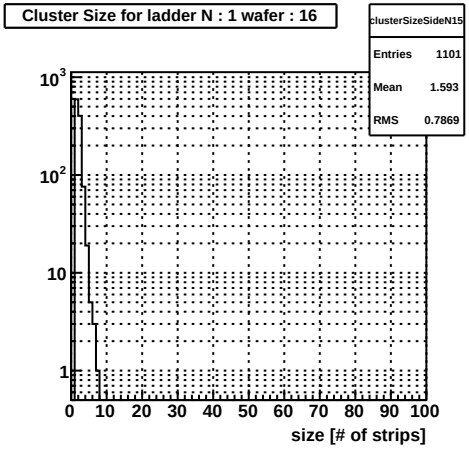

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 4914
Mean 1.273
RMS 0.6295
size [# of strips]

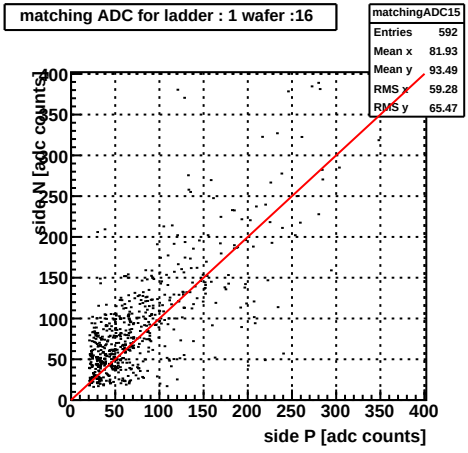

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1221
Mean x 81.59
Mean y 87.49
RMS x 60.75
RMS y 66.9
side N [adc counts]
side P [adc counts]

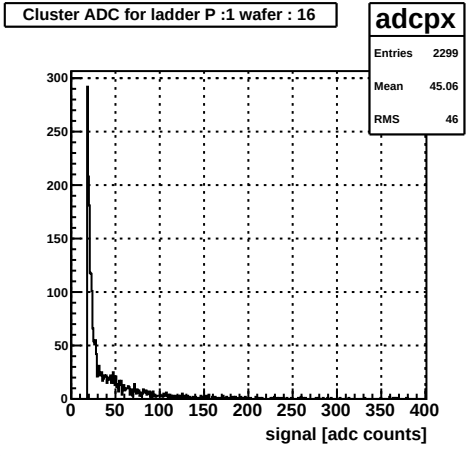

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 7078
Mean 41.05
RMS 36.39
signal [adc counts]

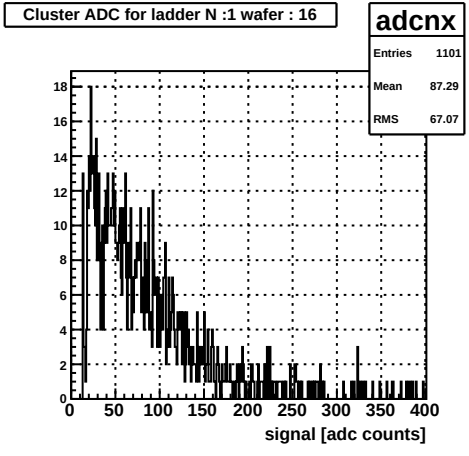

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 4914
Mean 44.25
RMS 51.13
signal [adc counts]

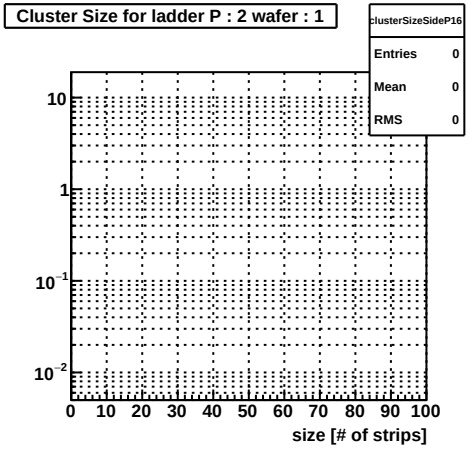

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2299
Mean 1.215
RMS 0.5432
size [# of strips]

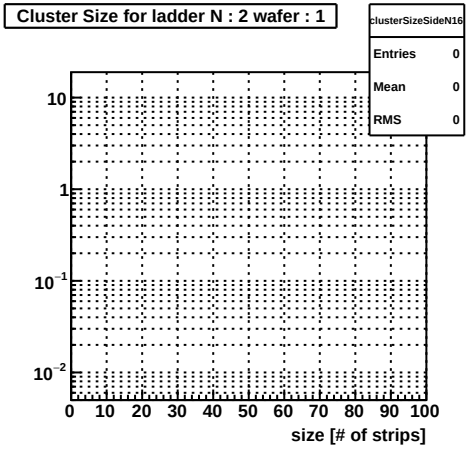

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1101
Mean 1.593
RMS 0.7869
size [# of strips]

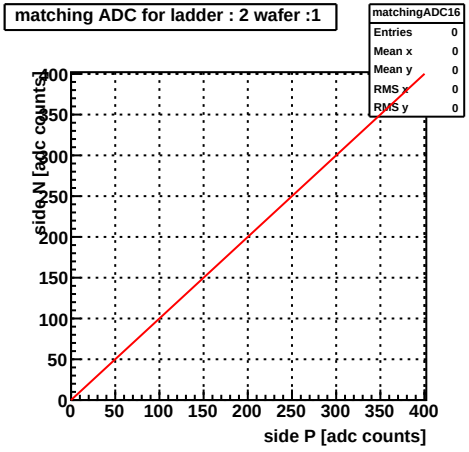

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 592
Mean x 81.93
Mean y 93.49
RMS x 59.28
RMS y 65.47
side N [adc counts]
side P [adc counts]

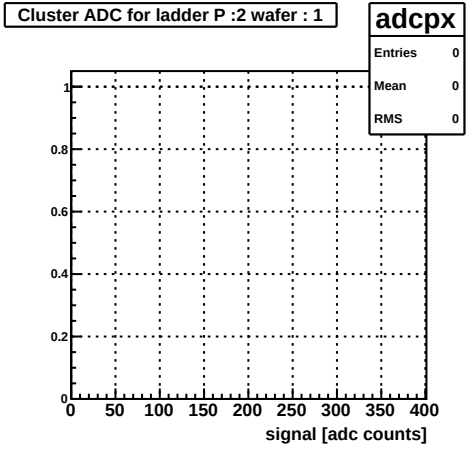

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2299
Mean 45.06
RMS 46
signal [adc counts]

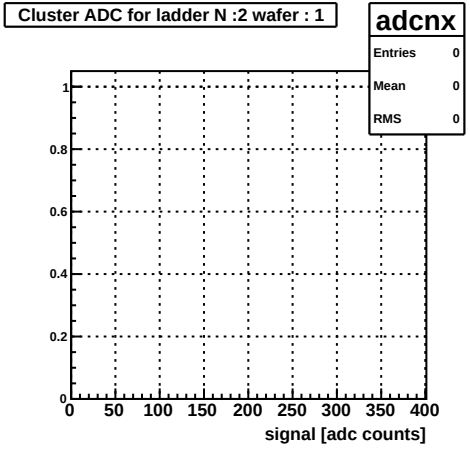

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1101
Mean 87.29
RMS 67.07
signal [adc counts]

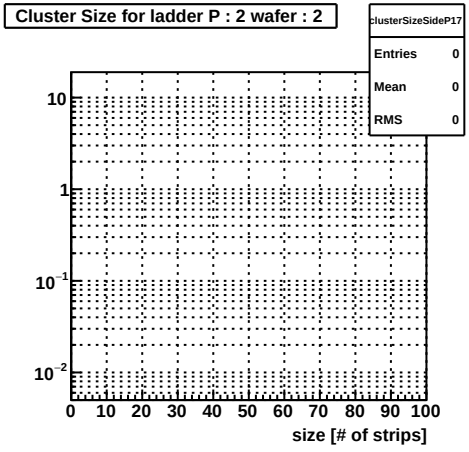

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

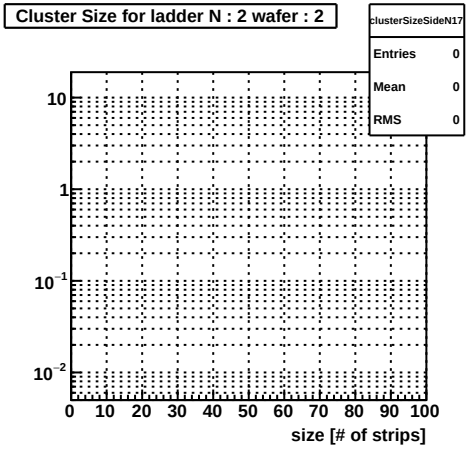

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

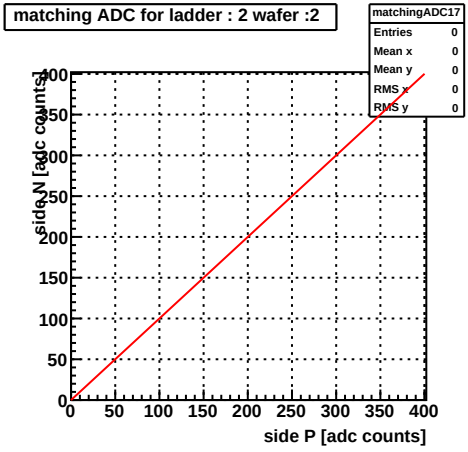

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

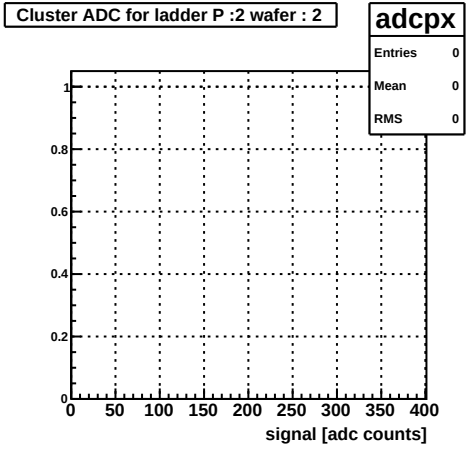

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

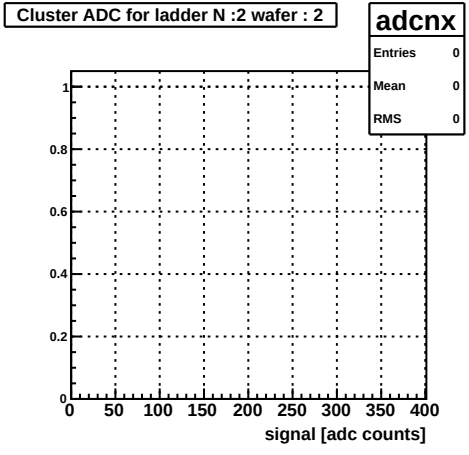

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

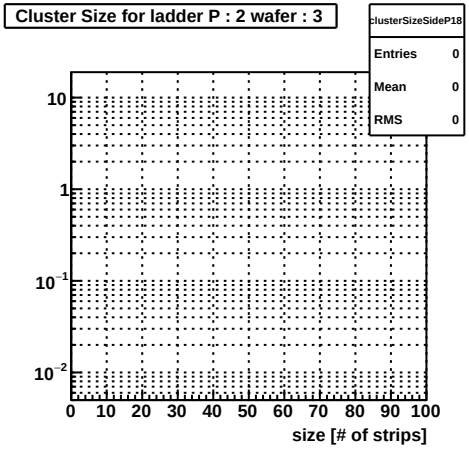

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

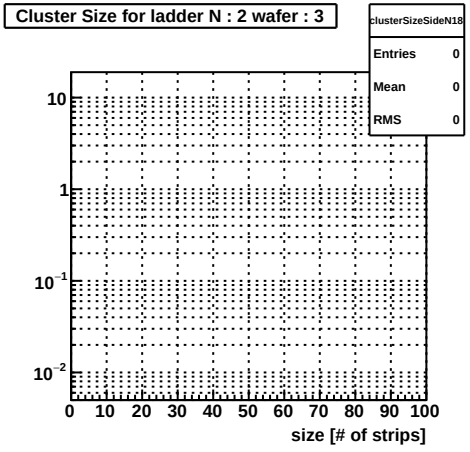

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

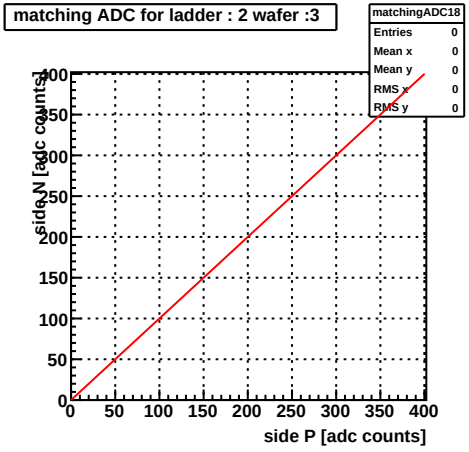

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

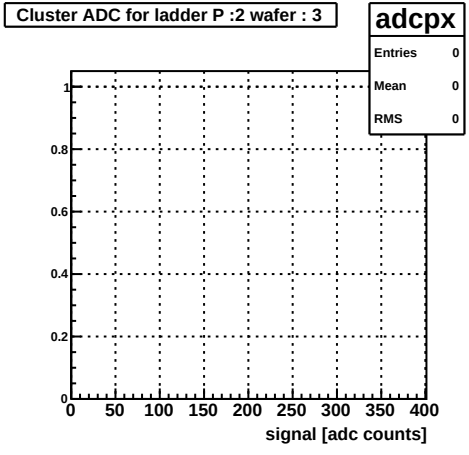

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

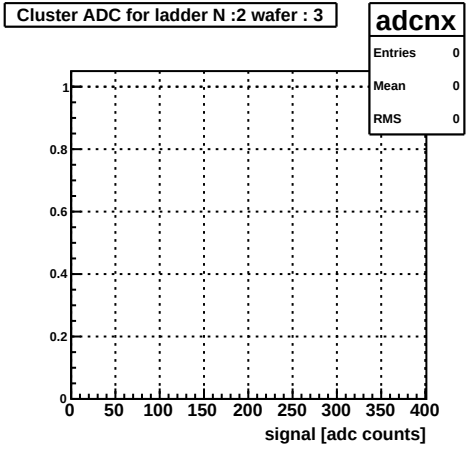

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

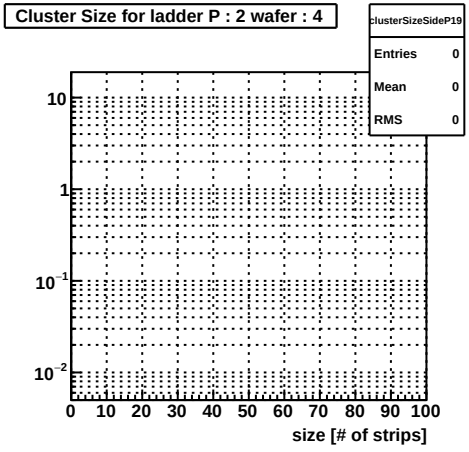

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

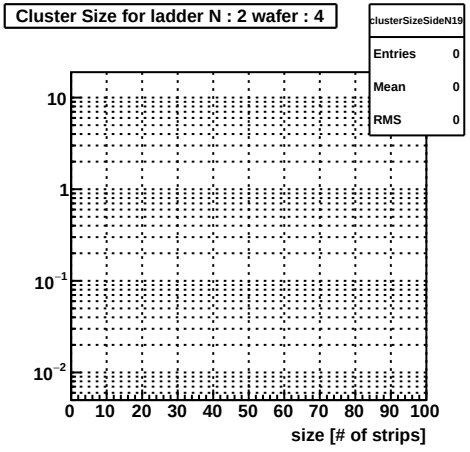

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

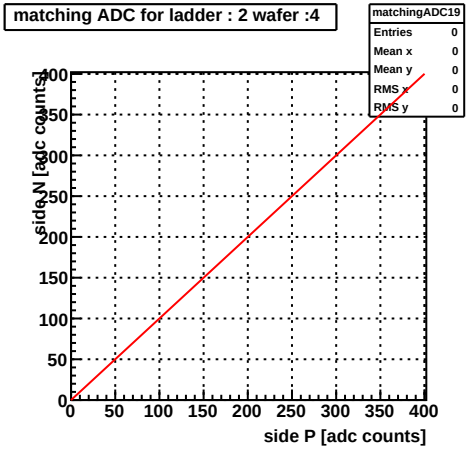

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

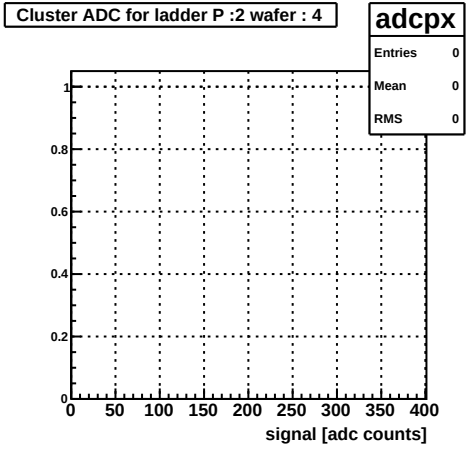

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

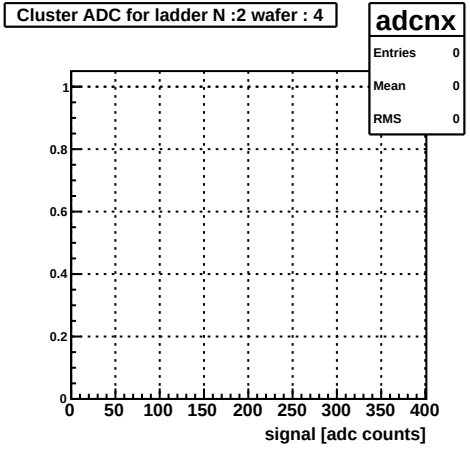

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

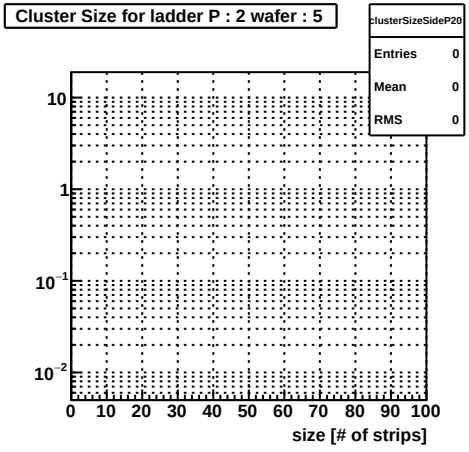

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

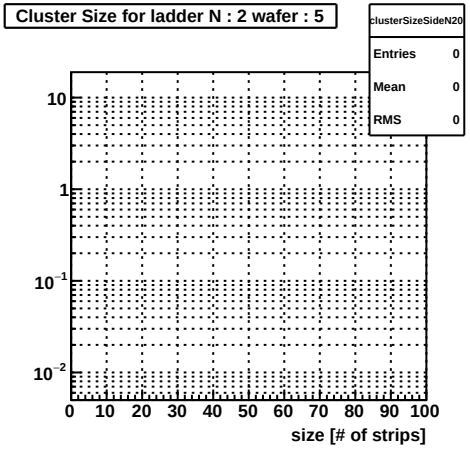

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

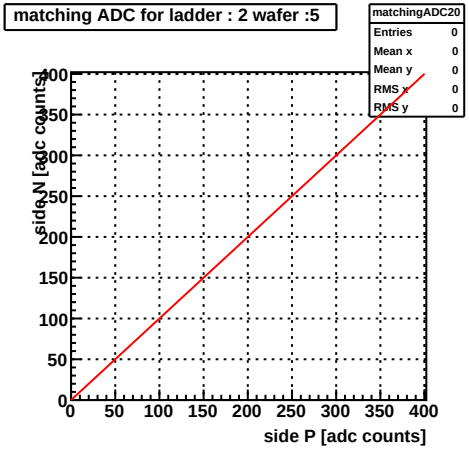

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

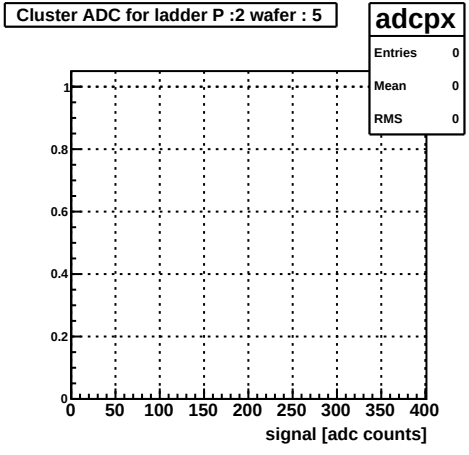

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

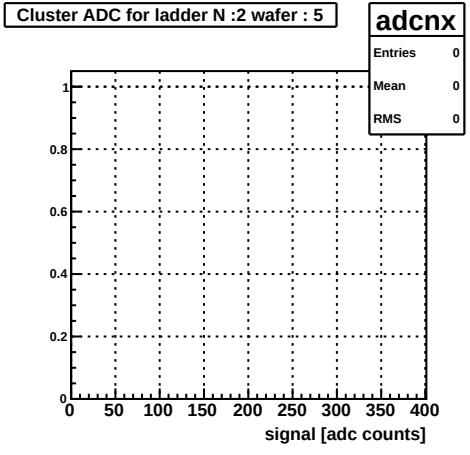

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

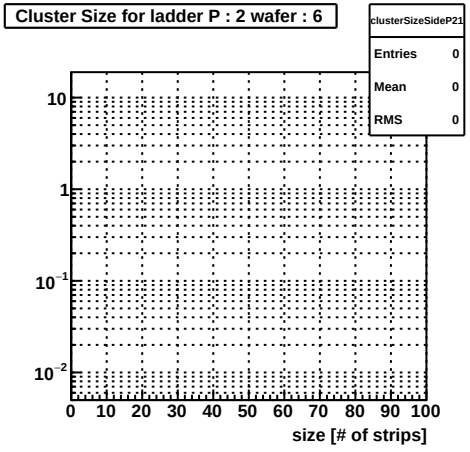

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

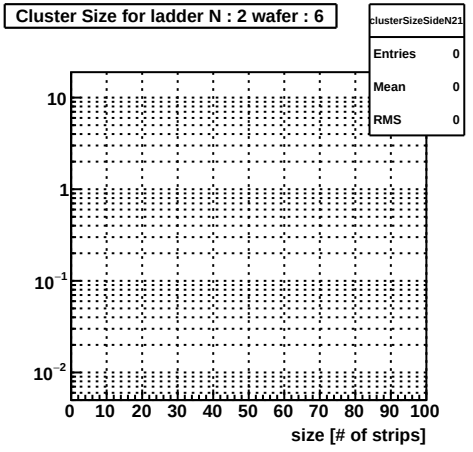

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

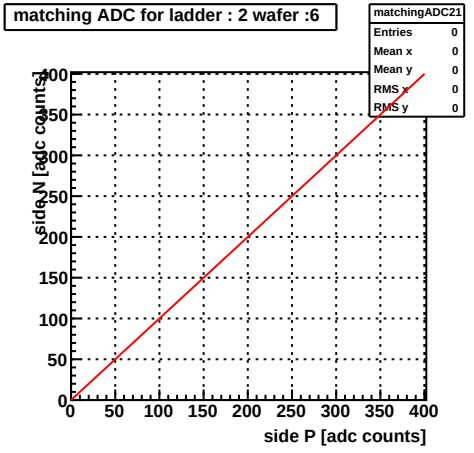

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

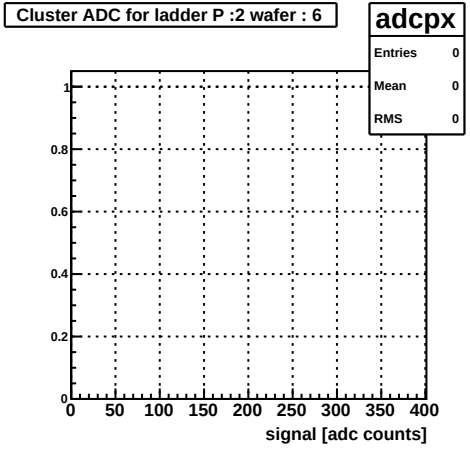

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

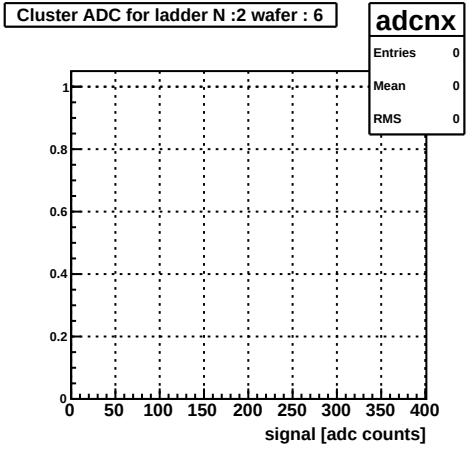

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

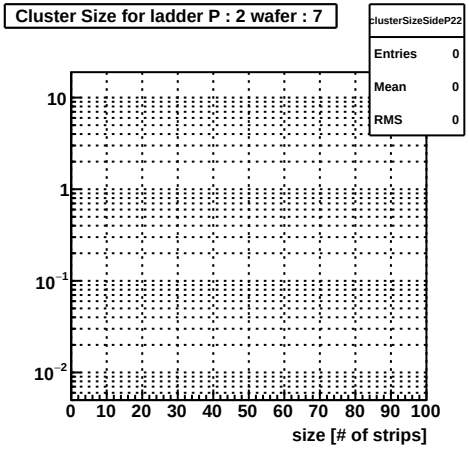

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

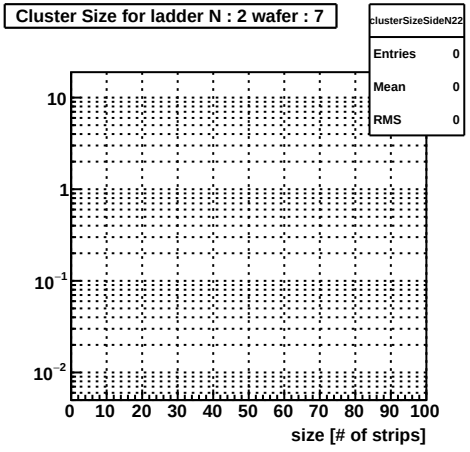

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

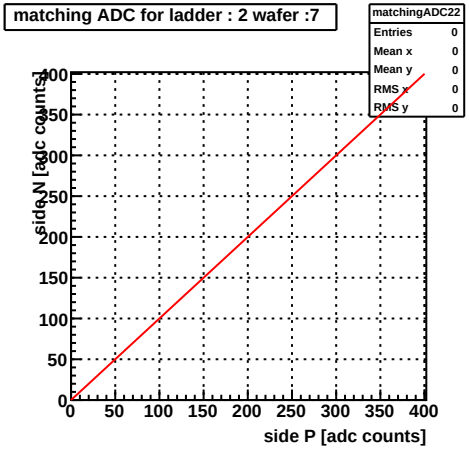

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

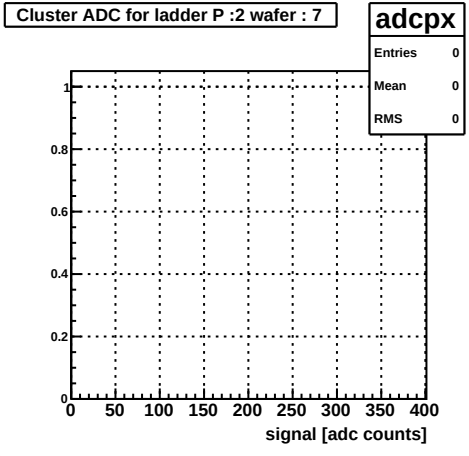

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

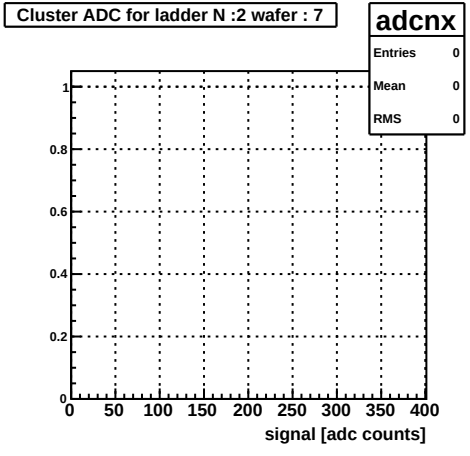

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

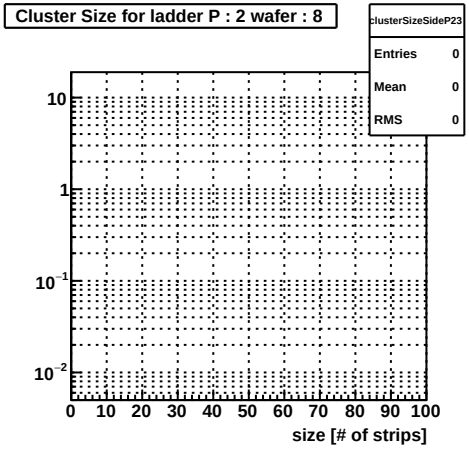

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

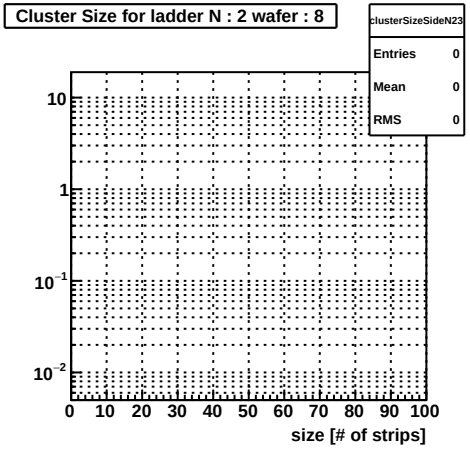

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

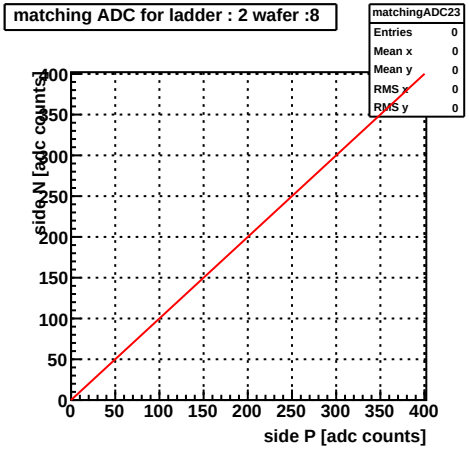

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

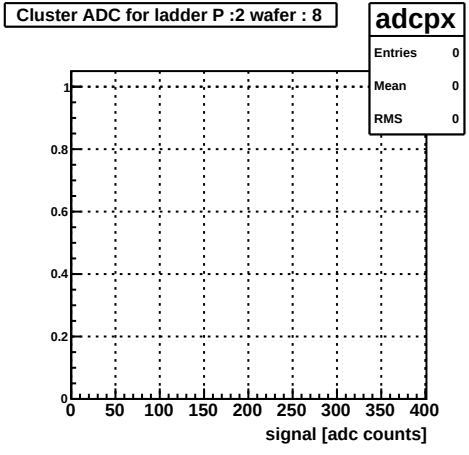

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

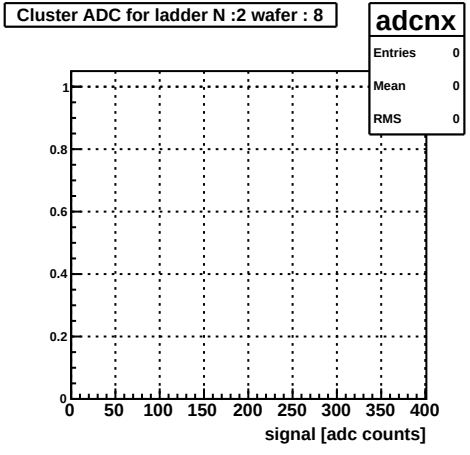

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

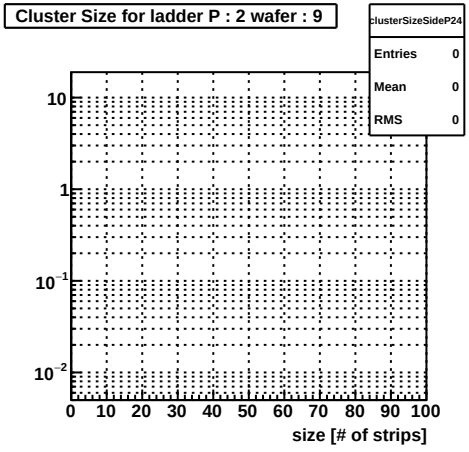

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

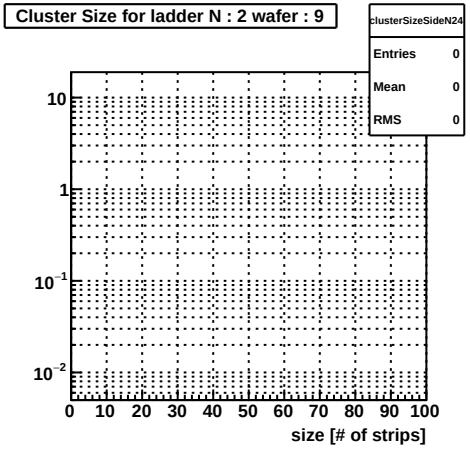

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

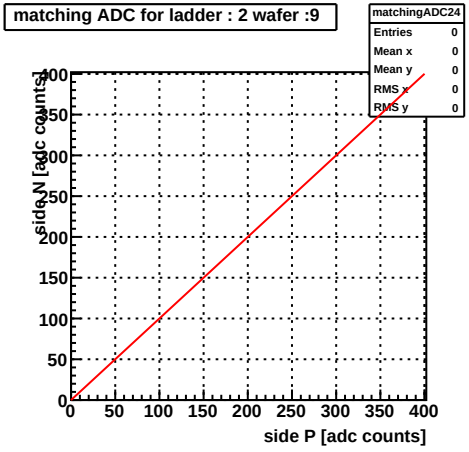

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

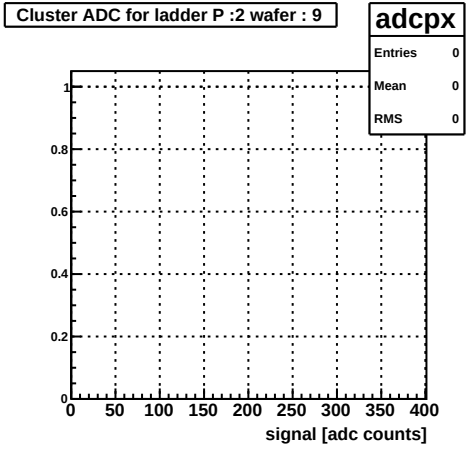

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

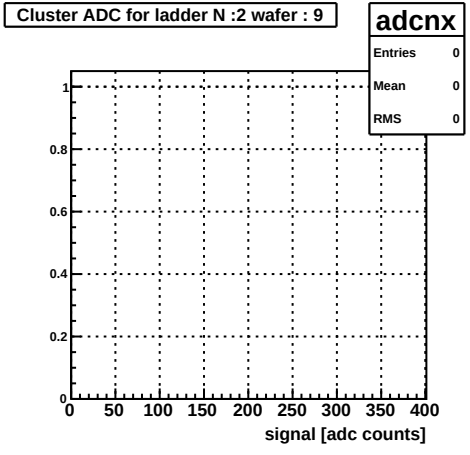

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

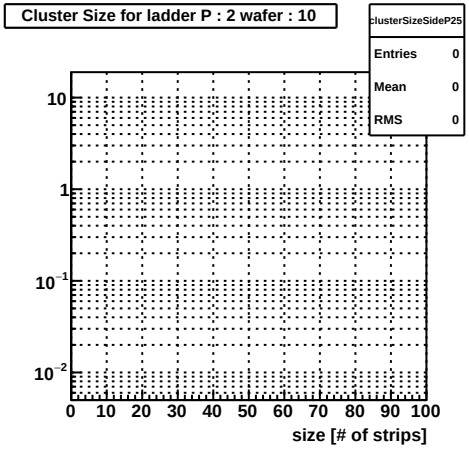

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

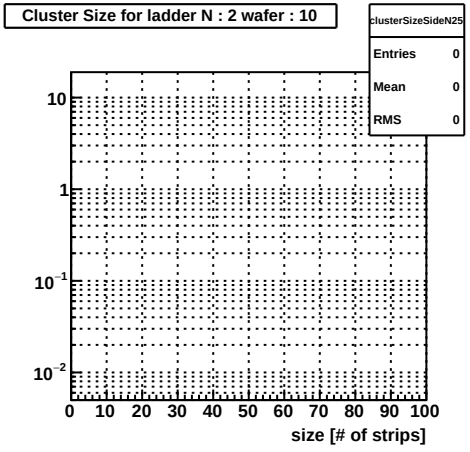

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

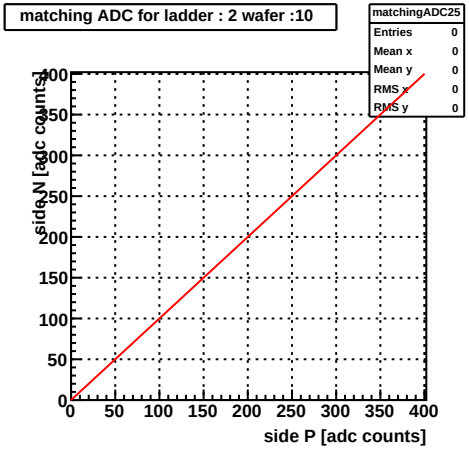

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

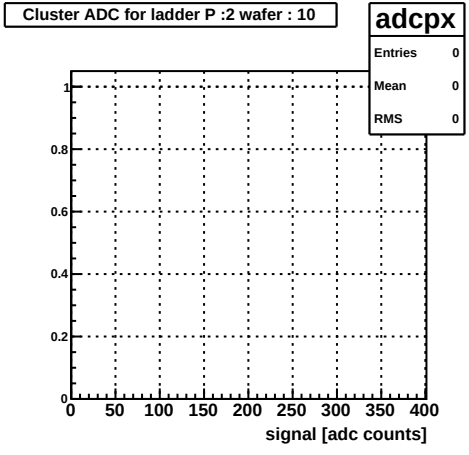

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

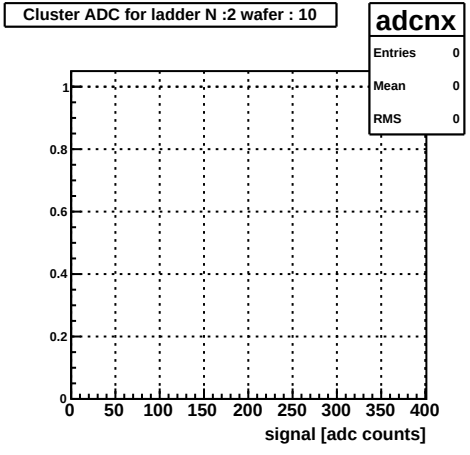

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

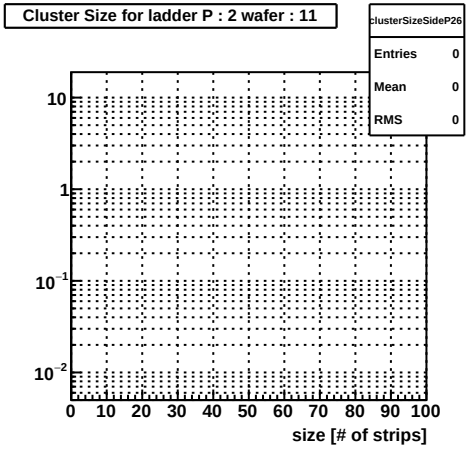

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

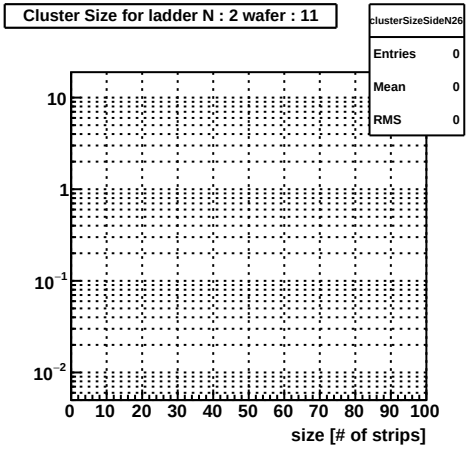

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

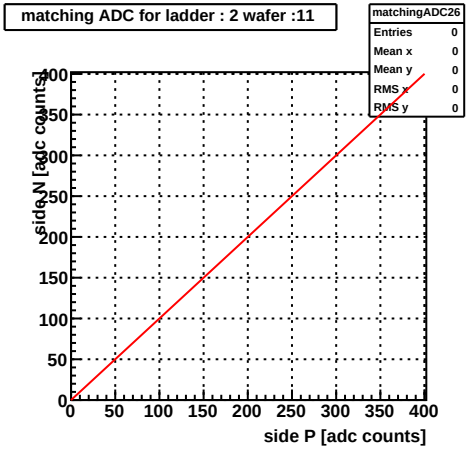

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

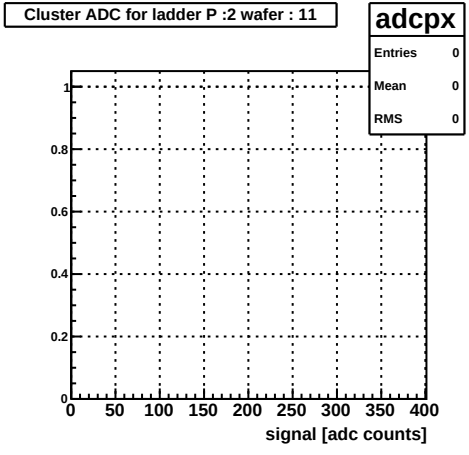

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

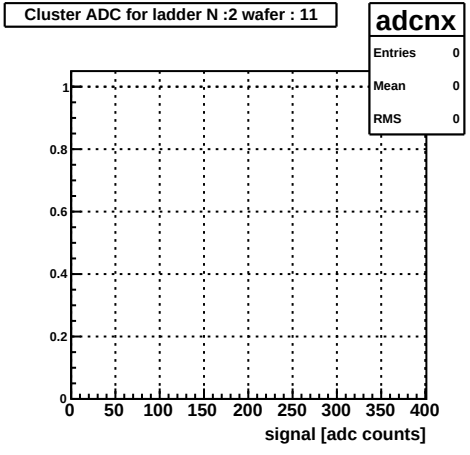

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

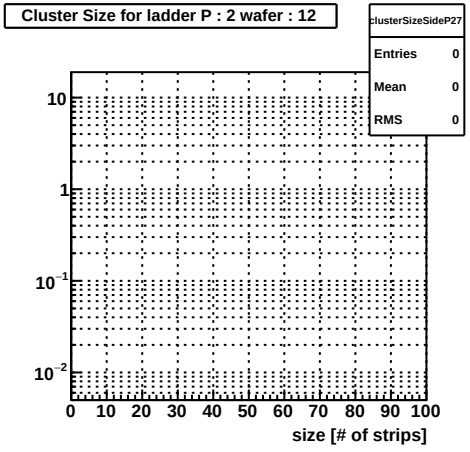

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

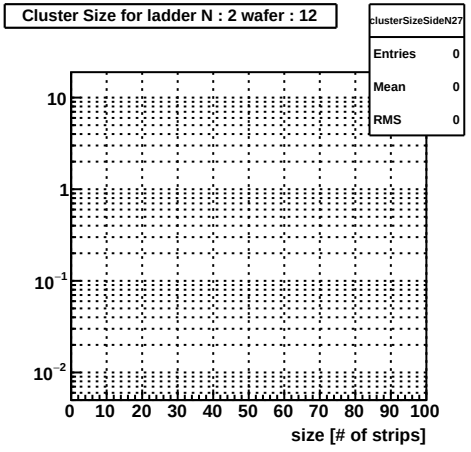

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

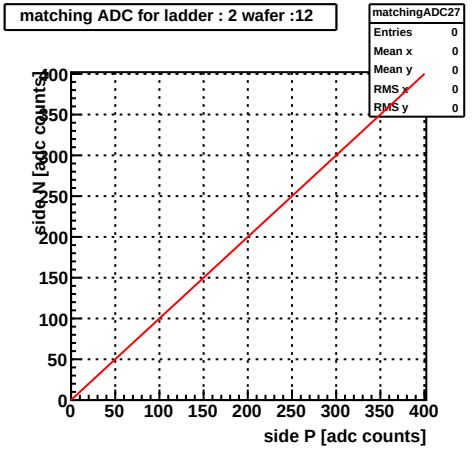

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

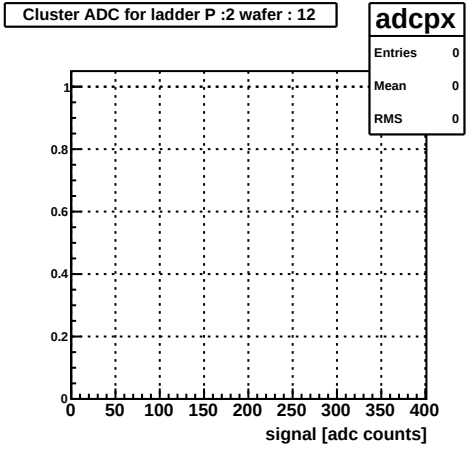

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

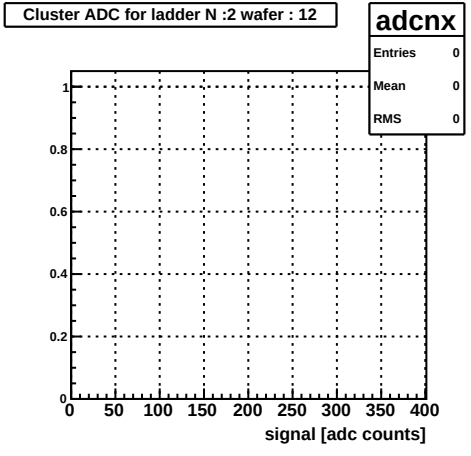

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

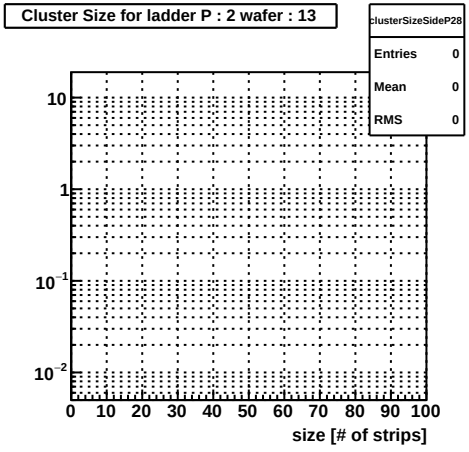

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

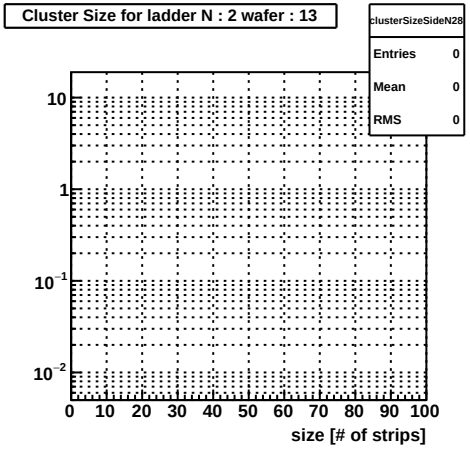

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

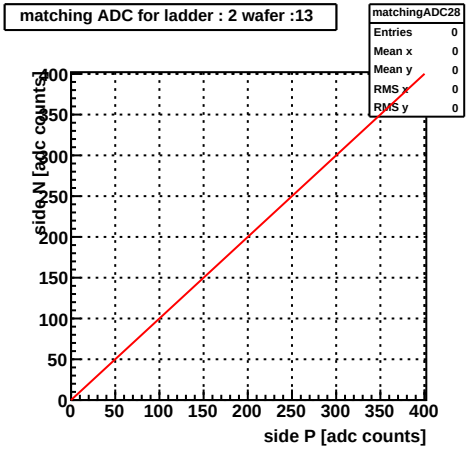

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

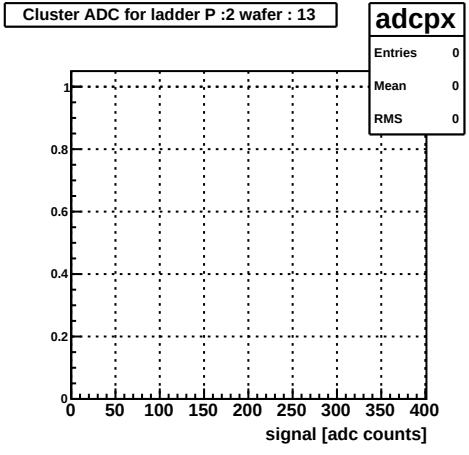

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

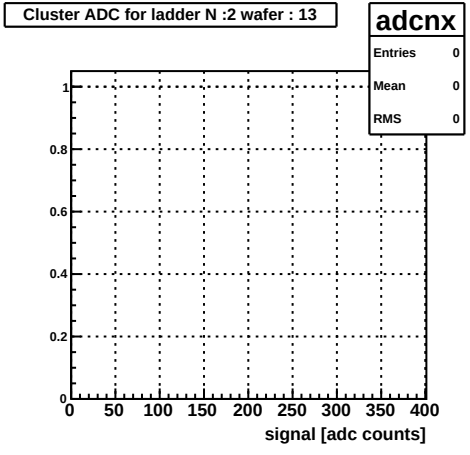

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

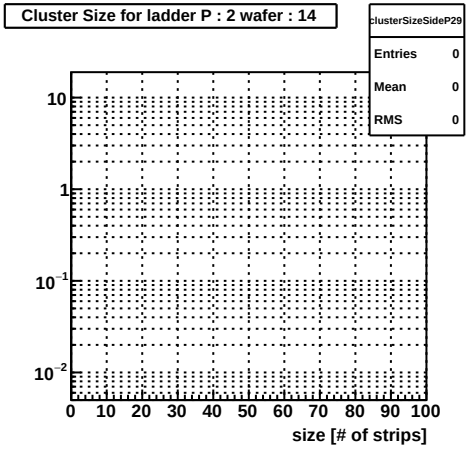

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

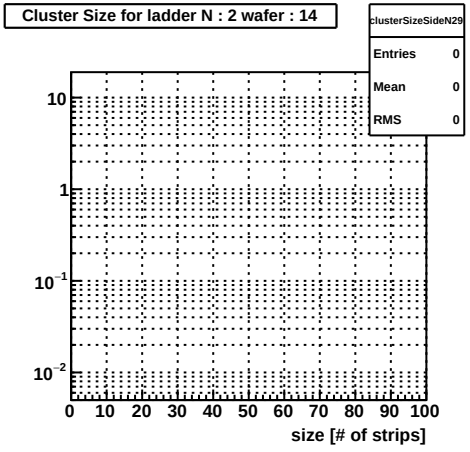

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

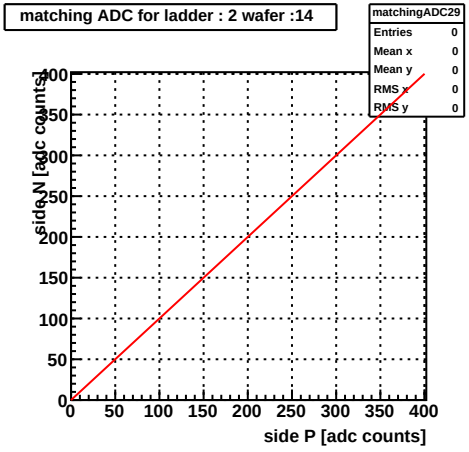

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

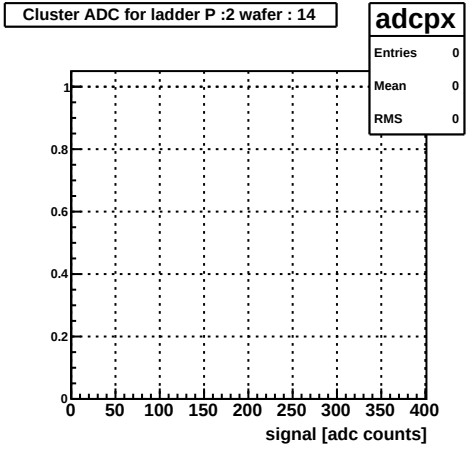

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

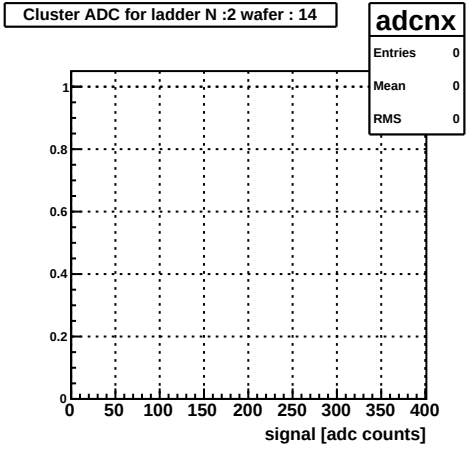

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

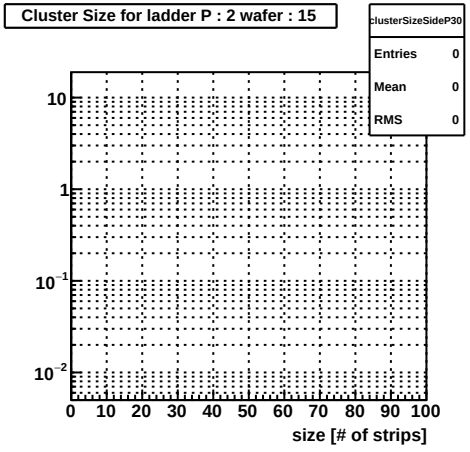

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

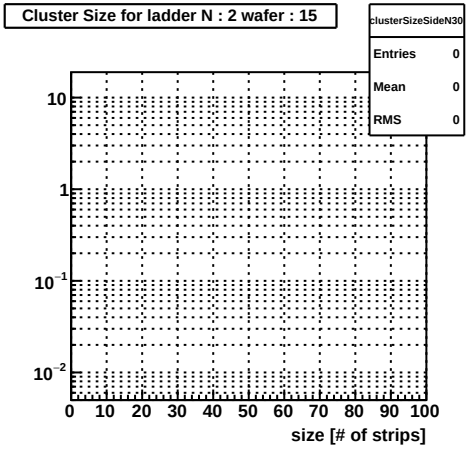

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

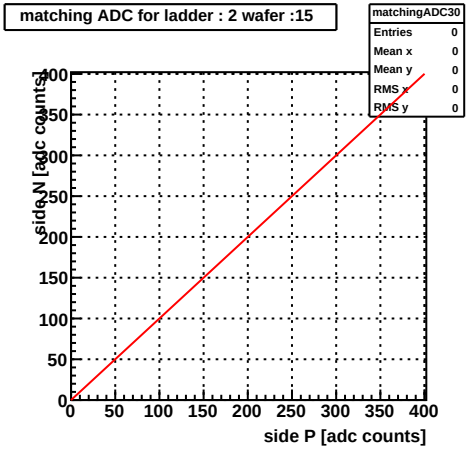

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

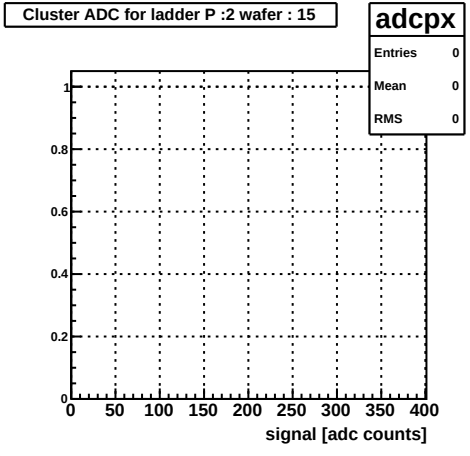

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

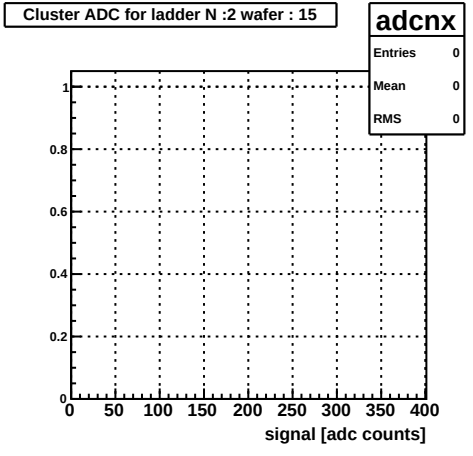

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

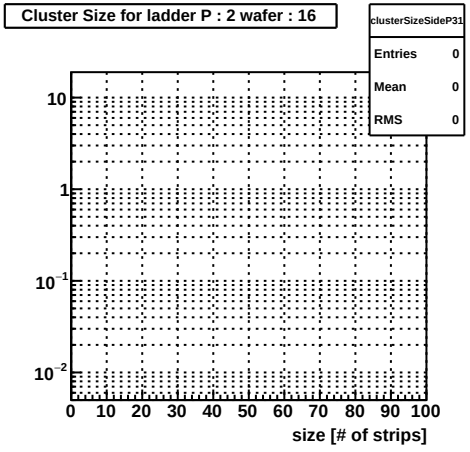

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

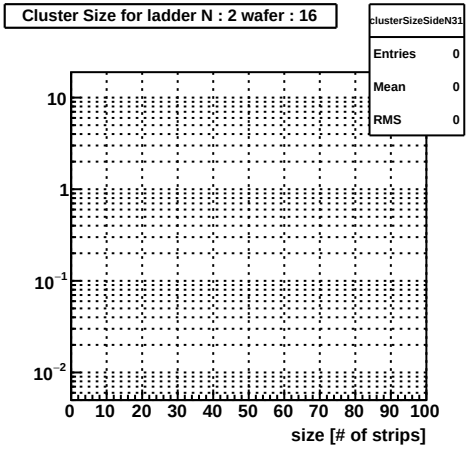

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

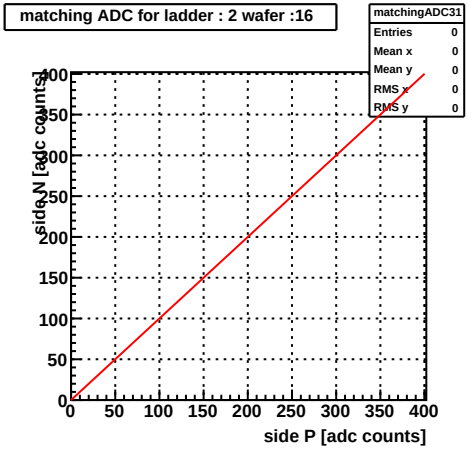

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

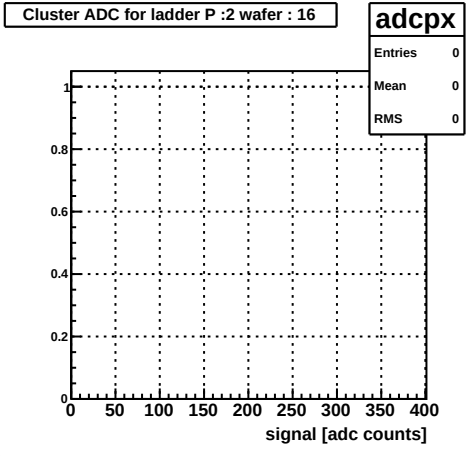

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

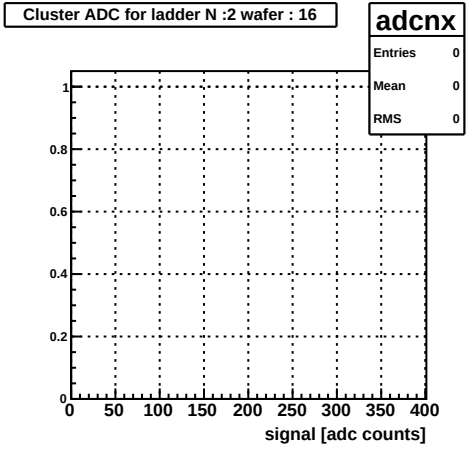

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

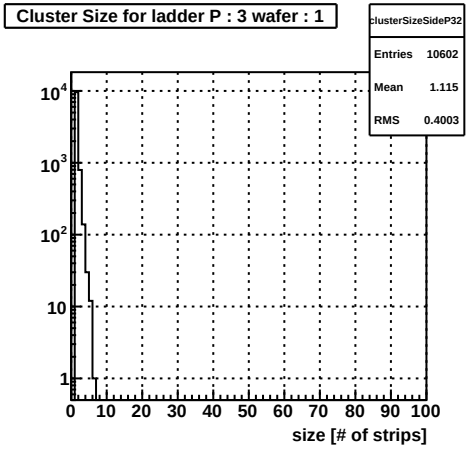

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

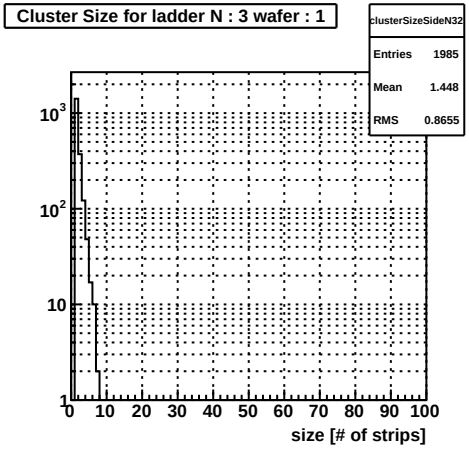

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

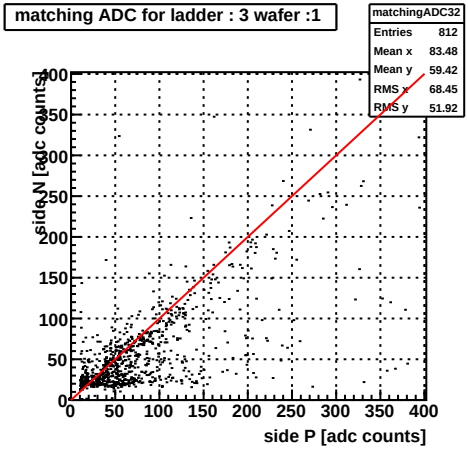

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

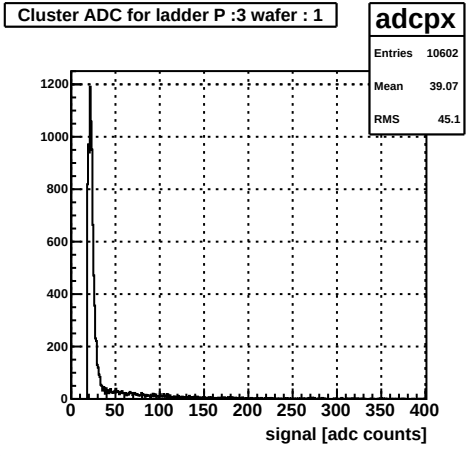

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

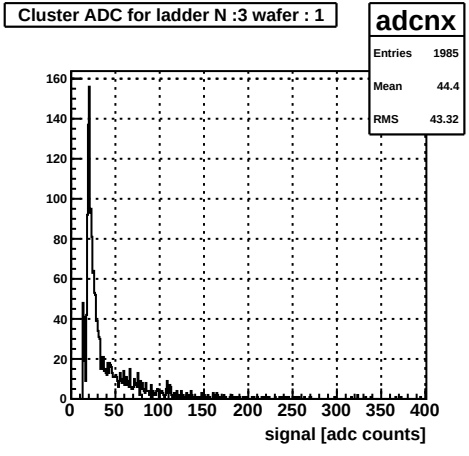

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

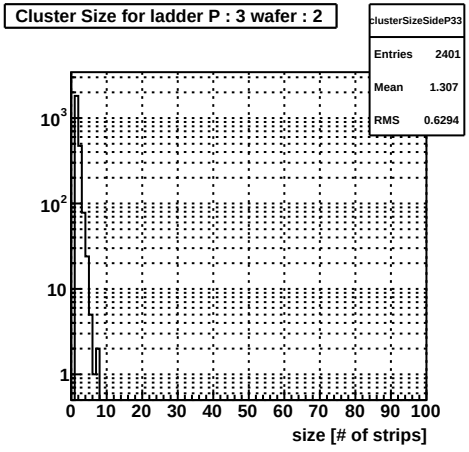

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 10602
Mean 1.115
RMS 0.4003
size [# of strips]

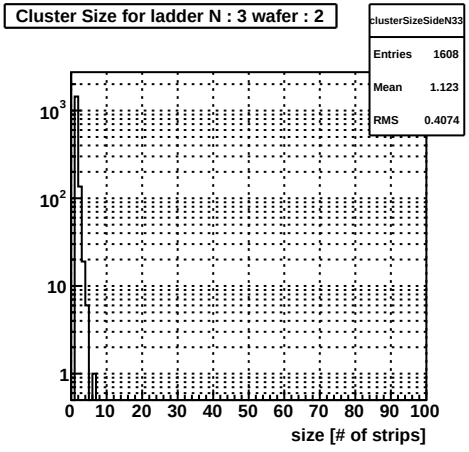

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1985
Mean 1.448
RMS 0.8655
size [# of strips]

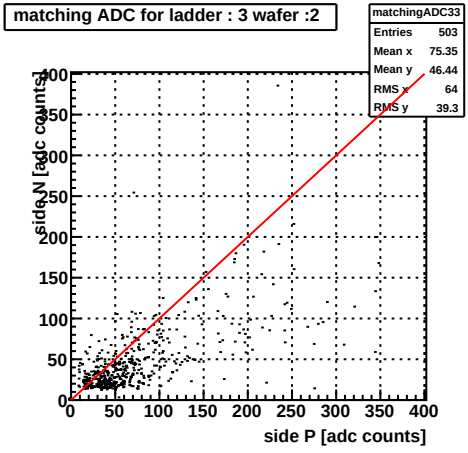

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 812
Mean x 83.48
Mean y 59.42
RMS x 68.45
RMS y 51.92
side N [adc counts]
side P [adc counts]

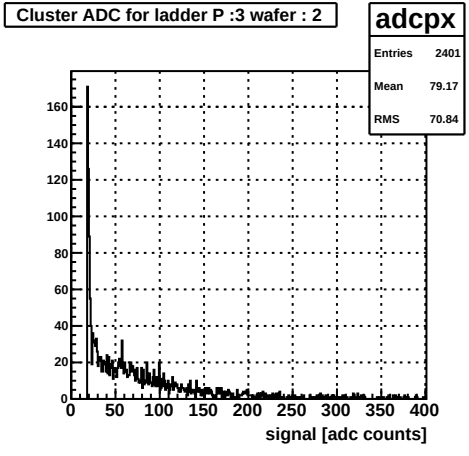

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 10602
Mean 39.07
RMS 45.1
signal [adc counts]

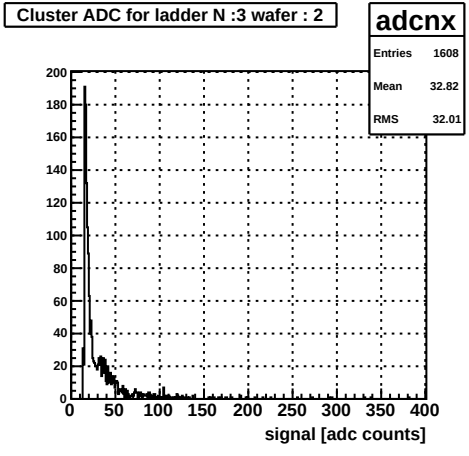

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1985
Mean 44.4
RMS 43.32
signal [adc counts]

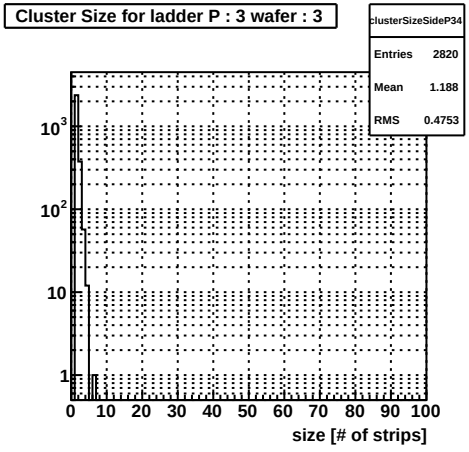

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2401
Mean 1.307
RMS 0.6294
size [# of strips]

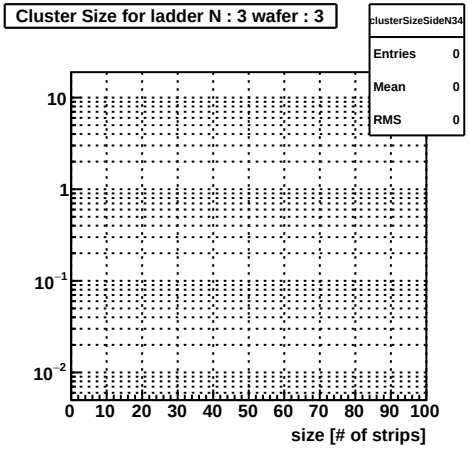

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1608
Mean 1.123
RMS 0.4074
size [# of strips]

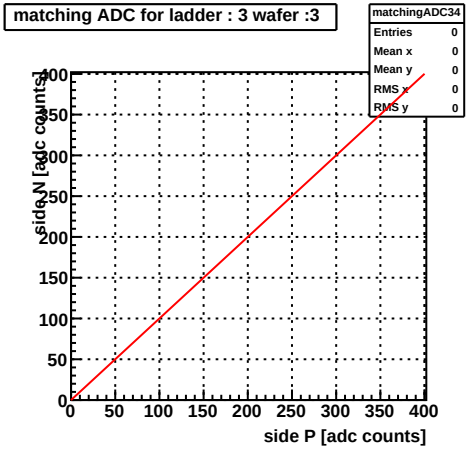

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 503
Mean x 75.35
Mean y 46.44
RMS x 64
RMS y 39.3
side N [adc counts]
side P [adc counts]

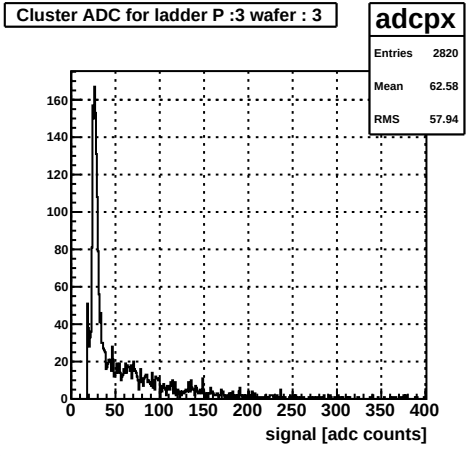

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2401
Mean 79.17
RMS 70.84
signal [adc counts]

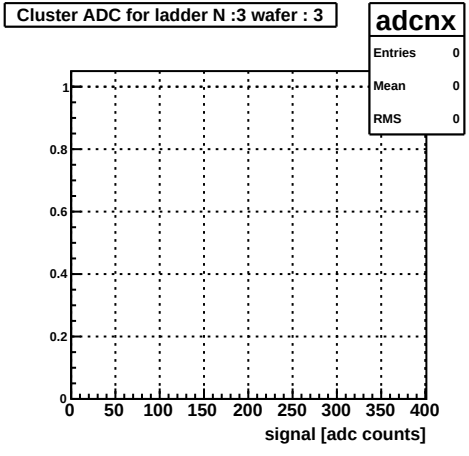

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1608
Mean 32.82
RMS 32.01
signal [adc counts]

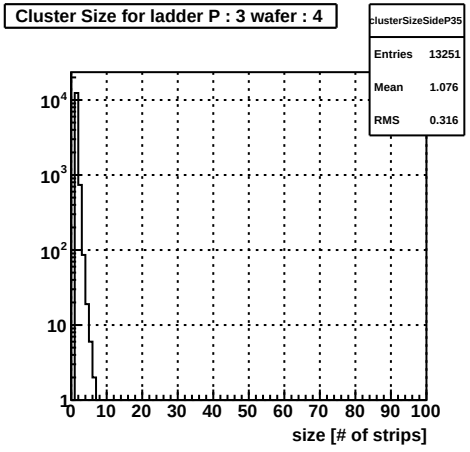

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 2820
Mean 1.188
RMS 0.4753
size [# of strips]

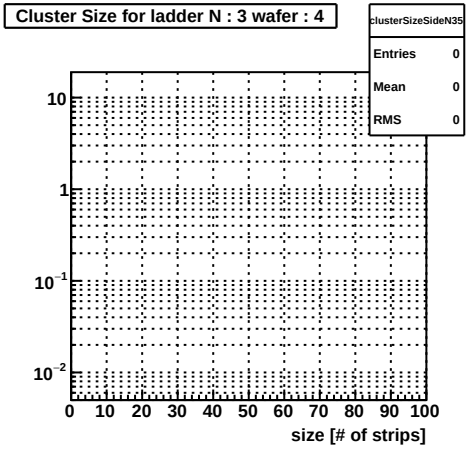

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

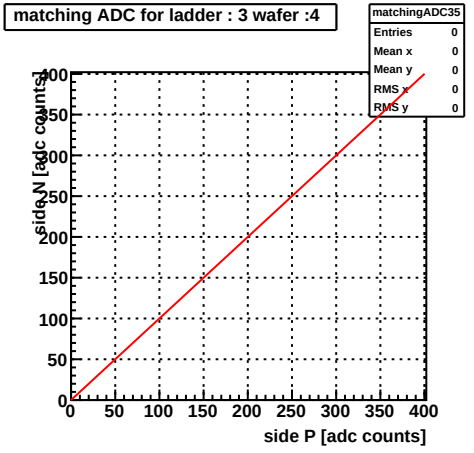

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

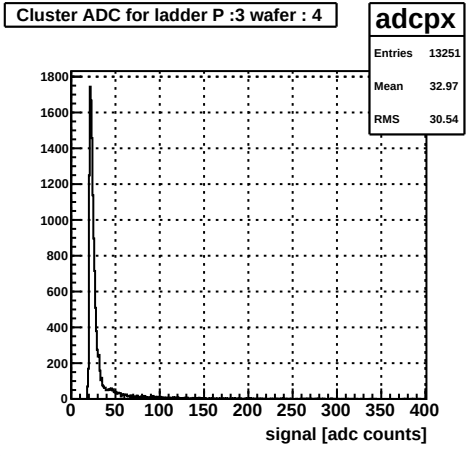

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 2820
Mean 62.58
RMS 57.94
signal [adc counts]

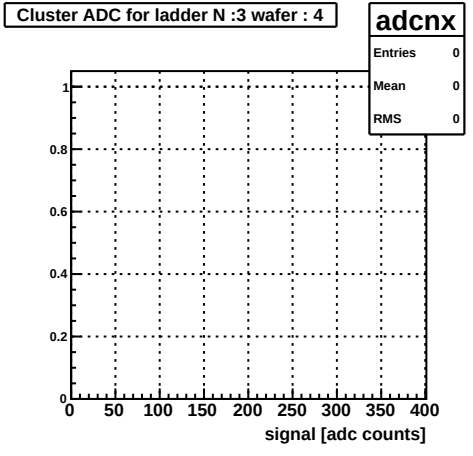

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

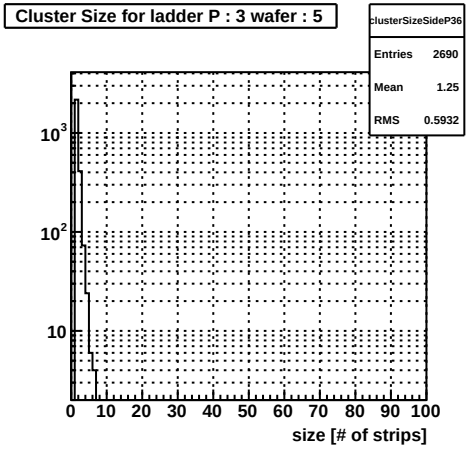

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 13251
Mean 1.076
RMS 0.316
size [# of strips]

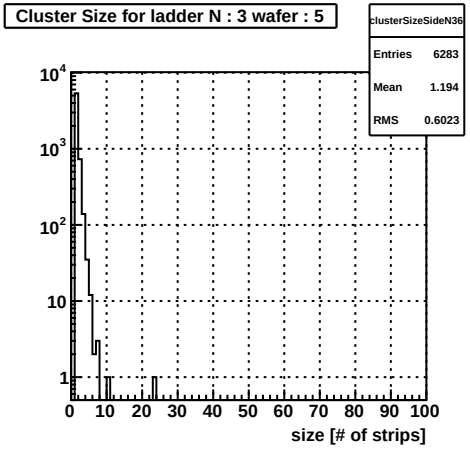

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

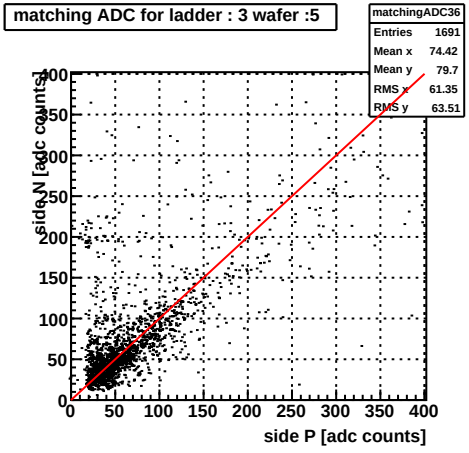

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

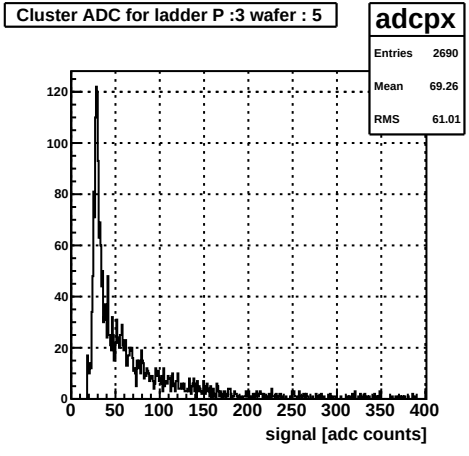

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 13251
Mean 32.97
RMS 30.54
signal [adc counts]

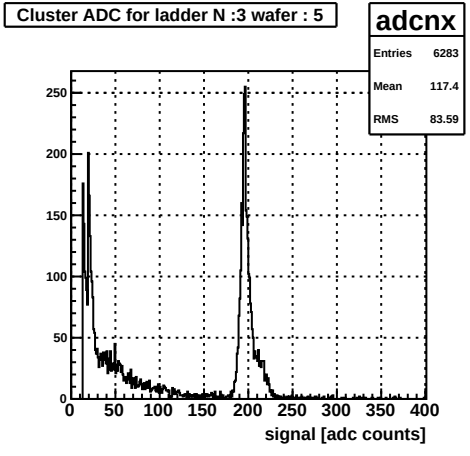

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

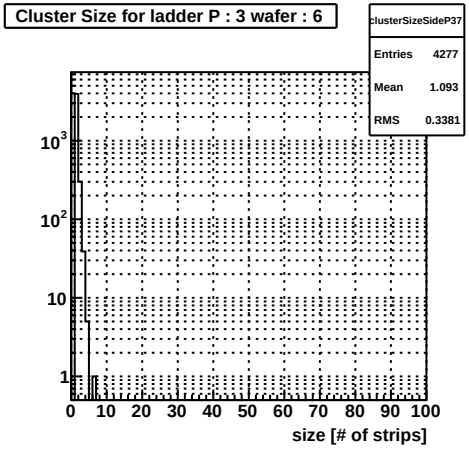

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2690
Mean 1.25
RMS 0.5932
size [# of strips]

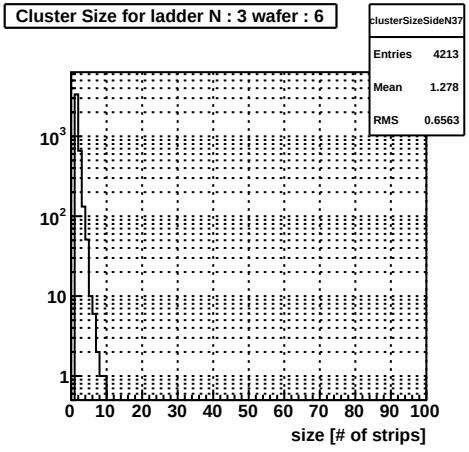

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6283
Mean 1.194
RMS 0.6023
size [# of strips]

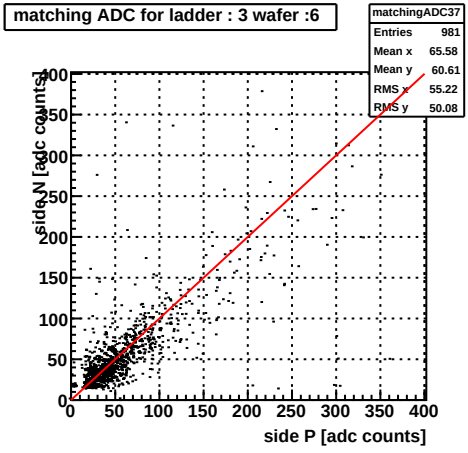

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1691
Mean x 74.42
Mean y 79.7
RMS x 61.35
RMS y 63.51
side N [adc counts]
side P [adc counts]

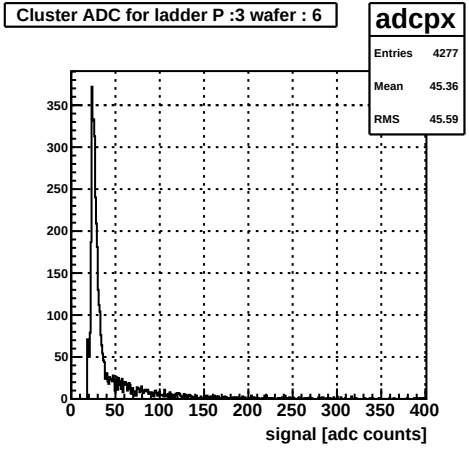

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2690
Mean 69.26
RMS 61.01
signal [adc counts]

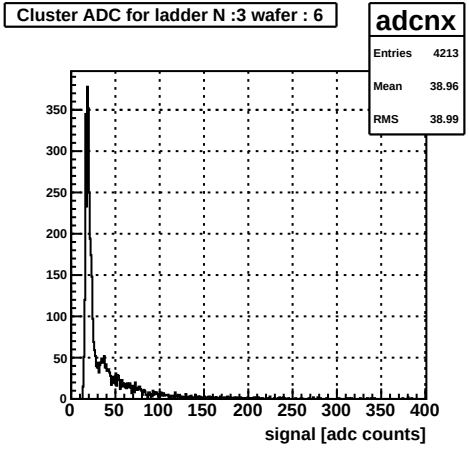

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6283
Mean 117.4
RMS 83.59
signal [adc counts]

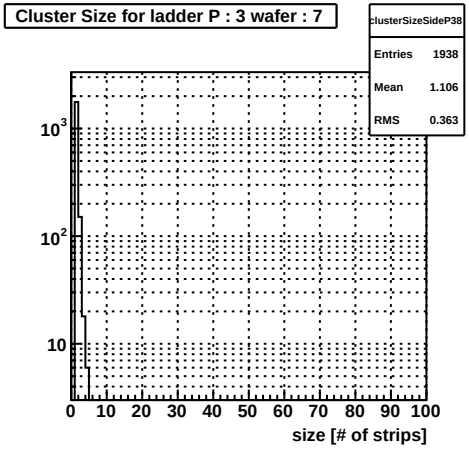

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 4277
Mean 1.093
RMS 0.3381
size [# of strips]

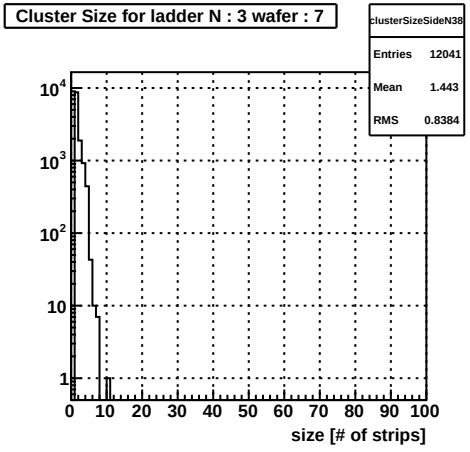

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 4213
Mean 1.278
RMS 0.6563
size [# of strips]

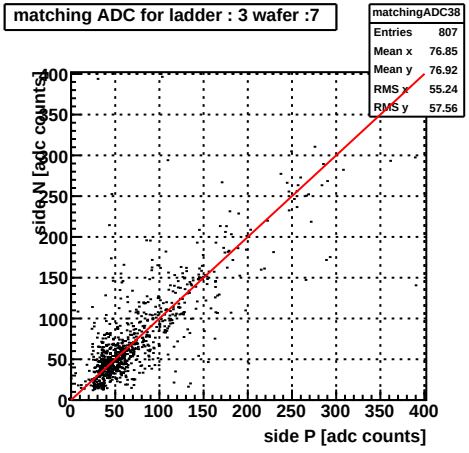

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 981
Mean x 65.58
Mean y 60.61
RMS x 55.22
RMS y 50.08
side N [adc counts]
side P [adc counts]

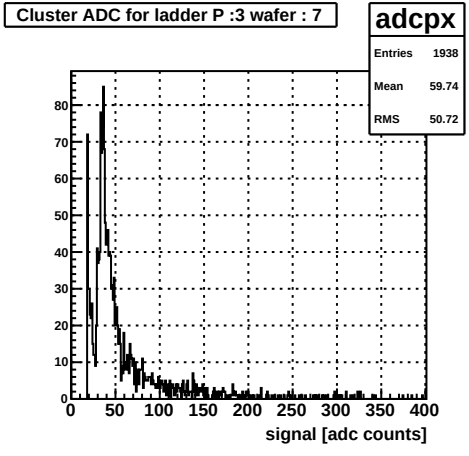

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 4277
Mean 45.36
RMS 45.59
signal [adc counts]

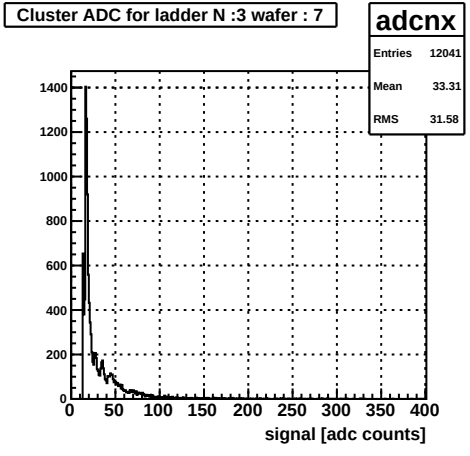

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 4213
Mean 38.96
RMS 38.99
signal [adc counts]

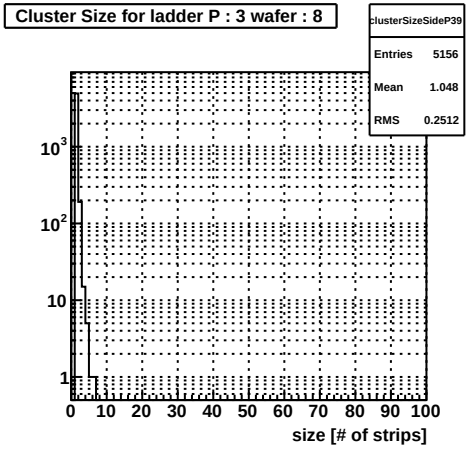

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1938
Mean 1.106
RMS 0.363
size [# of strips]

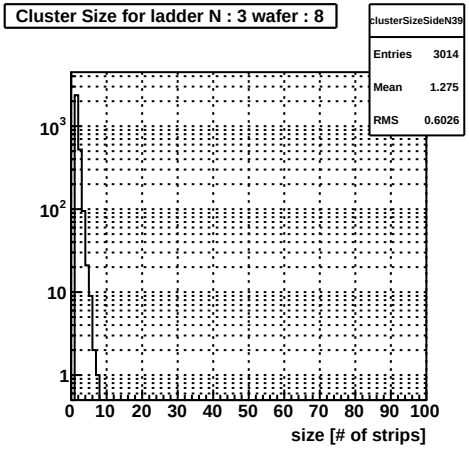

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 12041
Mean 1.443
RMS 0.8384
size [# of strips]

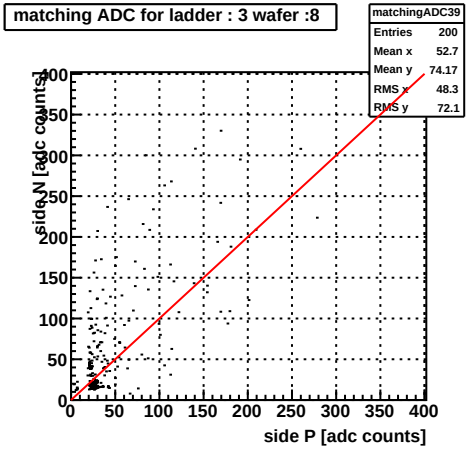

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 807
Mean x 76.85
Mean y 76.92
RMS x 55.24
RMS y 57.56
side N [adc counts]
side P [adc counts]

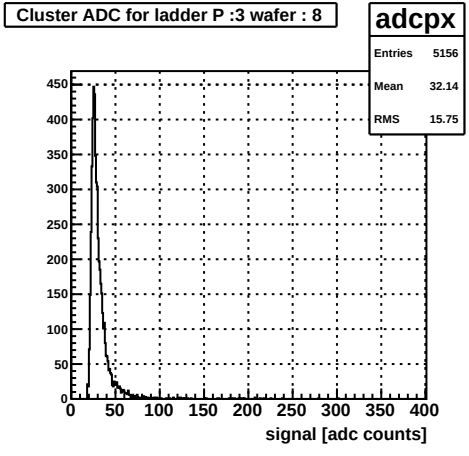

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1938
Mean 59.74
RMS 50.72
signal [adc counts]

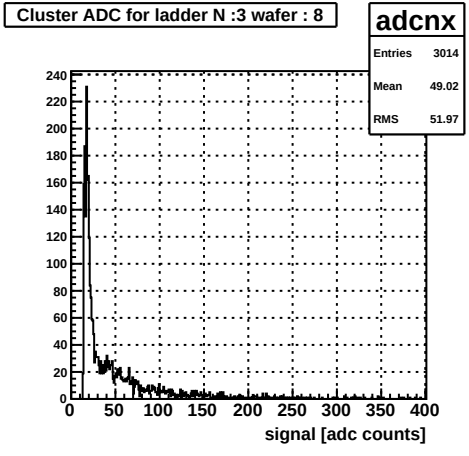

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 12041
Mean 33.31
RMS 31.58
signal [adc counts]

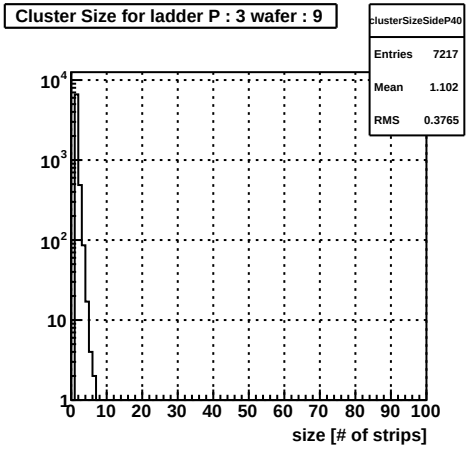

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 5156
Mean 1.048
RMS 0.2512
size [# of strips]

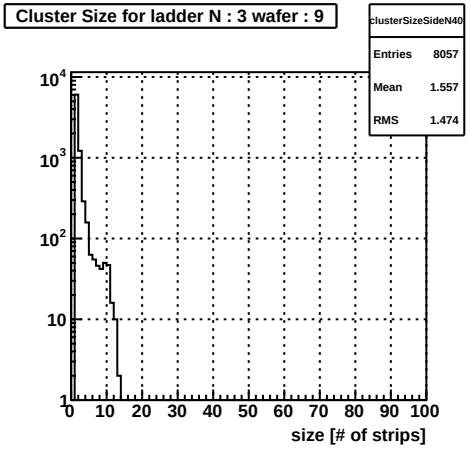

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3014
Mean 1.275
RMS 0.6026
size [# of strips]

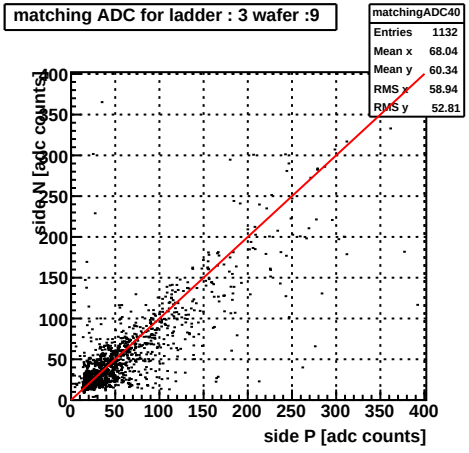

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 200
Mean x 52.7
Mean y 74.17
RMS x 48.3
RMS y 72.1
side N [adc counts]
side P [adc counts]

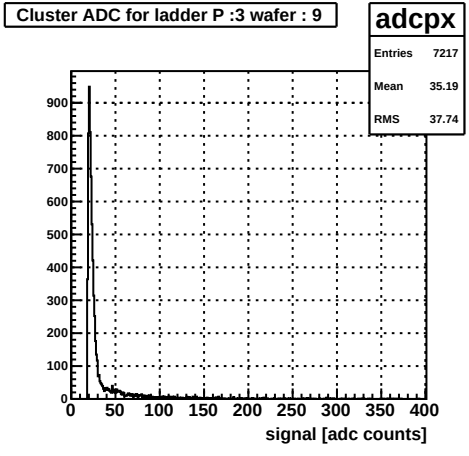

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 5156
Mean 32.14
RMS 15.75
signal [adc counts]

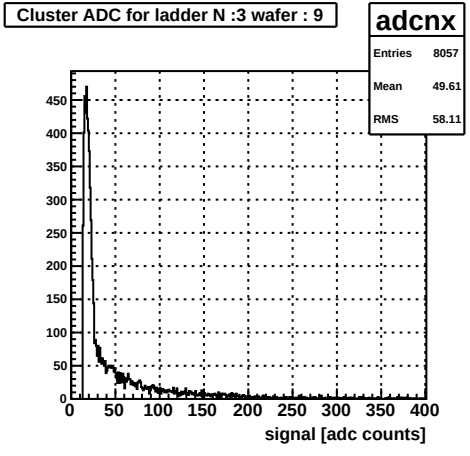

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3014
Mean 49.02
RMS 51.97
signal [adc counts]

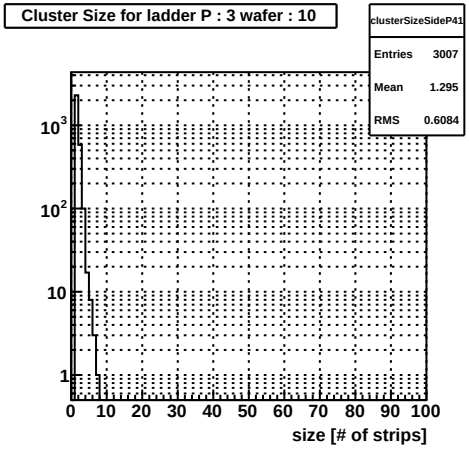

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 7217
Mean 1.102
RMS 0.3765
size [# of strips]

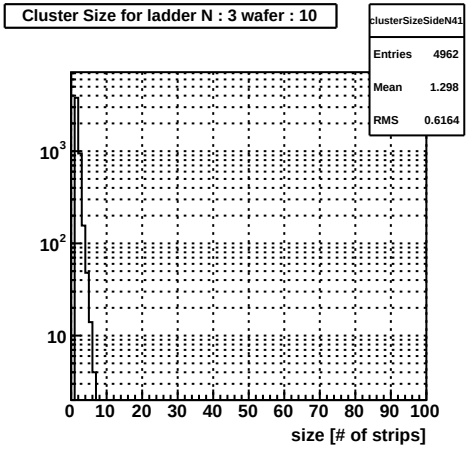

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8057
Mean 1.557
RMS 1.474
size [# of strips]

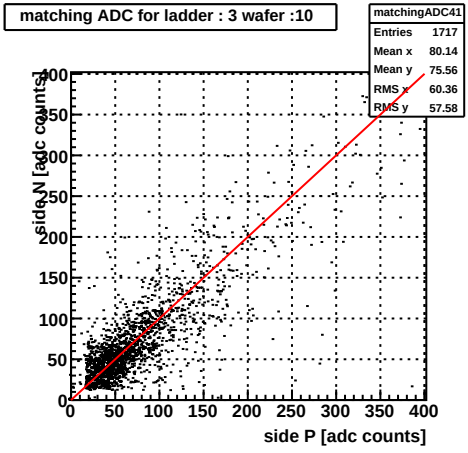

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1132
Mean x 68.04
Mean y 60.34
RMS x 58.94
RMS y 52.81
side N [adc counts]
side P [adc counts]

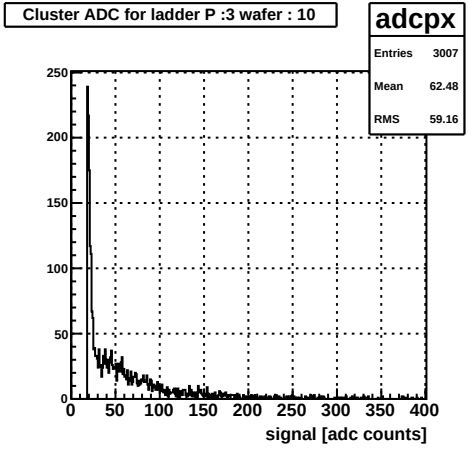

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 7217
Mean 35.19
RMS 37.74
signal [adc counts]

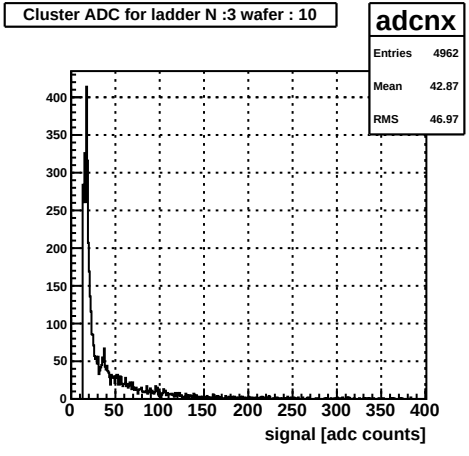

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8057
Mean 49.61
RMS 58.11
signal [adc counts]

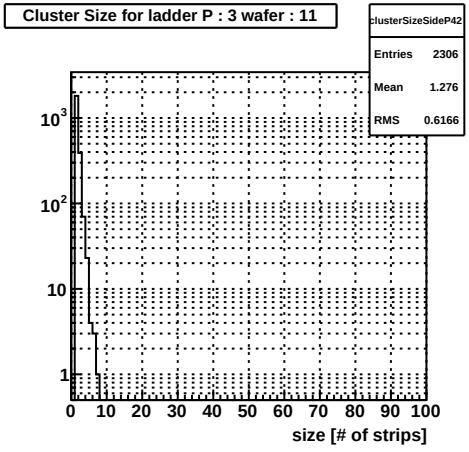

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3007
Mean 1.295
RMS 0.6084
size [# of strips]

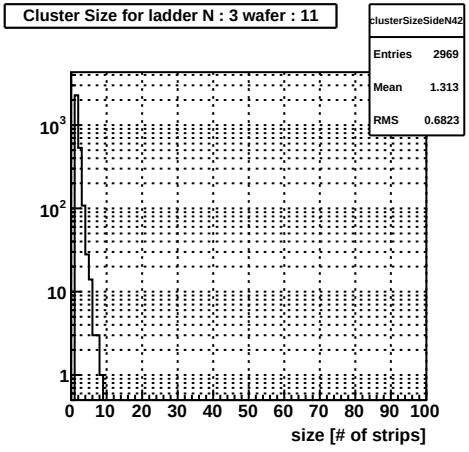

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 4962
Mean 1.298
RMS 0.6164
size [# of strips]

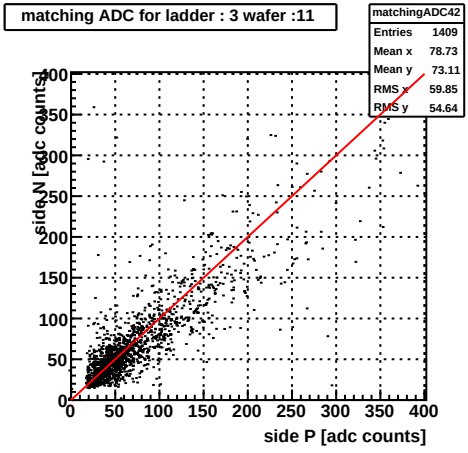

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1717
Mean x 80.14
Mean y 75.56
RMS x 60.36
RMS y 57.58
side N [adc counts]
side P [adc counts]

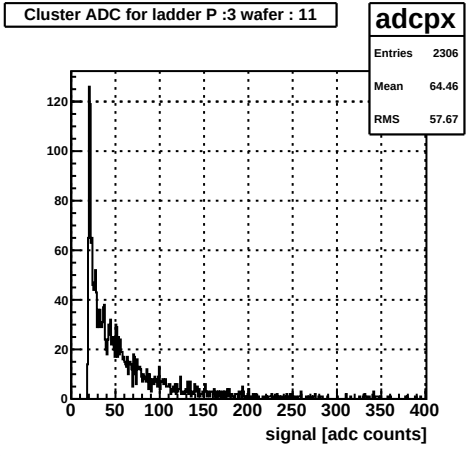

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3007
Mean 62.48
RMS 59.16
signal [adc counts]

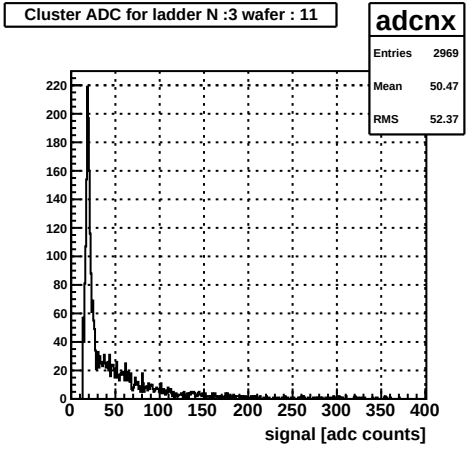

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 4962
Mean 42.87
RMS 46.97
signal [adc counts]

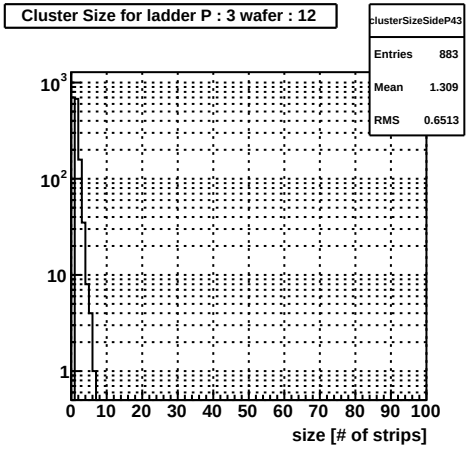

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2306
Mean 1.276
RMS 0.6166
size [# of strips]

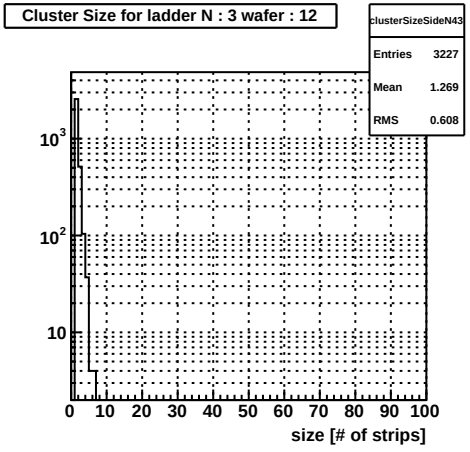

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2969
Mean 1.313
RMS 0.6823
size [# of strips]

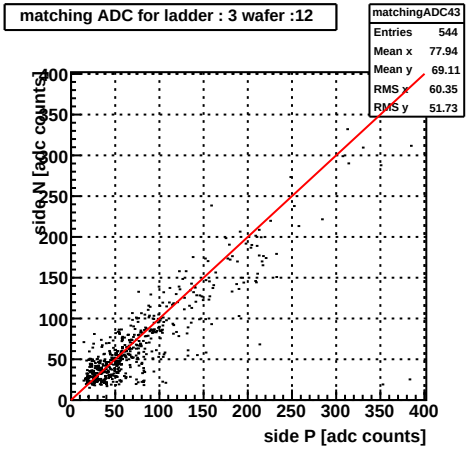

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1409
Mean x 78.73
Mean y 73.11
RMS x 59.85
RMS y 54.64
side N [adc counts]
side P [adc counts]

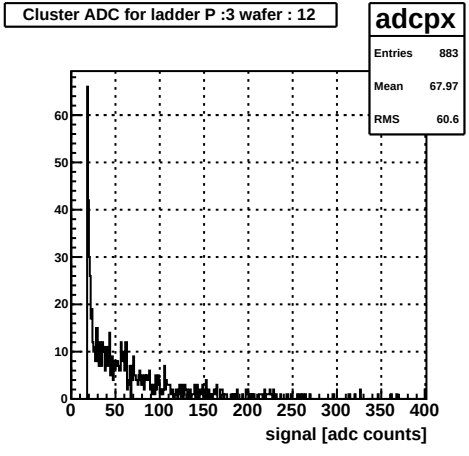

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2306
Mean 64.46
RMS 57.67
signal [adc counts]

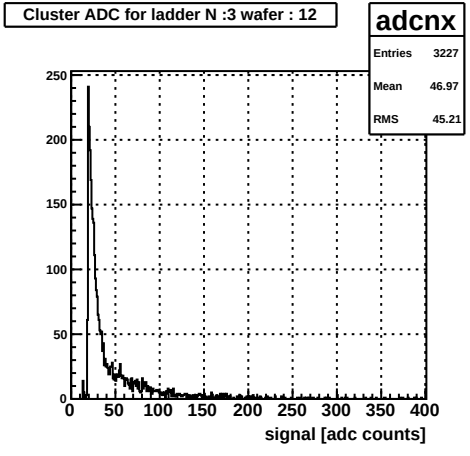

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2969
Mean 50.47
RMS 52.37
signal [adc counts]

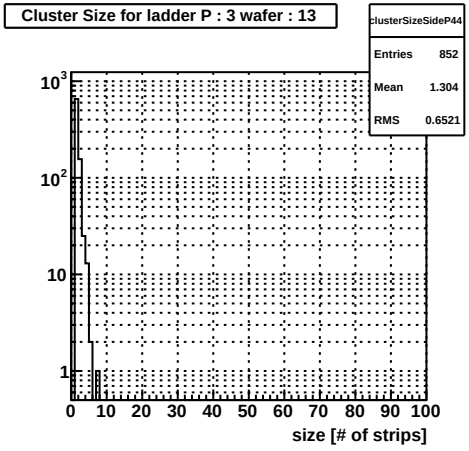

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 883
Mean 1.309
RMS 0.6513
size [# of strips]

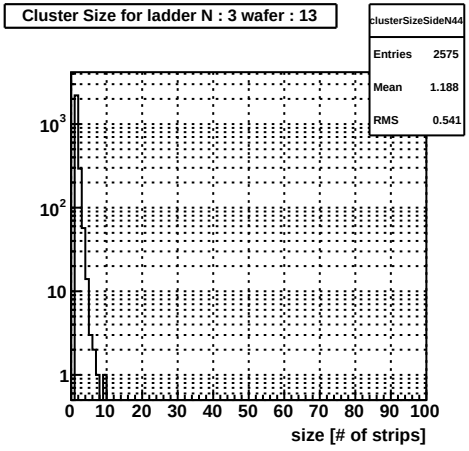

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3227
Mean 1.269
RMS 0.608
size [# of strips]

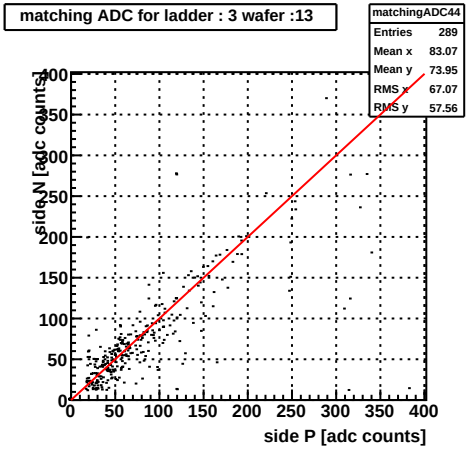

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 544
Mean x 77.94
Mean y 69.11
RMS x 60.35
RMS y 51.73
side N [adc counts]
side P [adc counts]

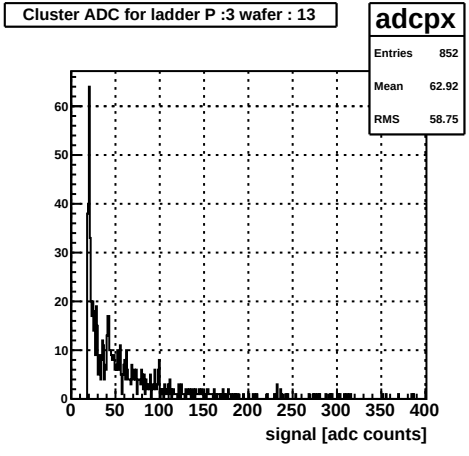

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 883
Mean 67.97
RMS 60.6
signal [adc counts]

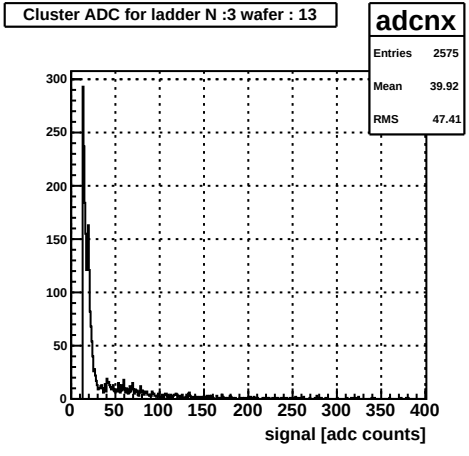

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3227
Mean 46.97
RMS 45.21
signal [adc counts]

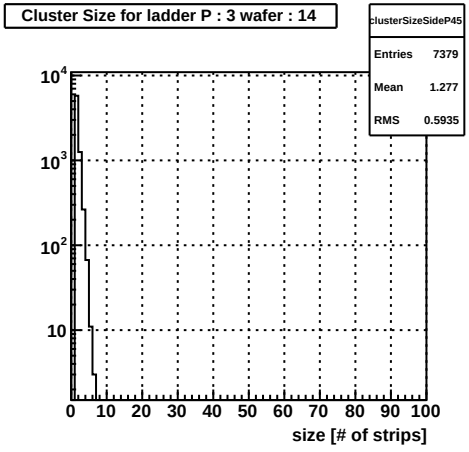

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 852
Mean 1.304
RMS 0.6521
size [# of strips]

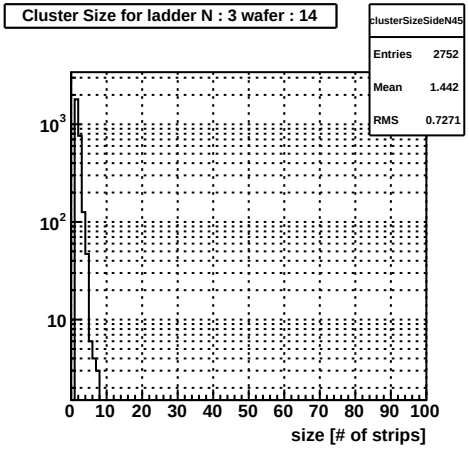

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2575
Mean 1.188
RMS 0.541
size [# of strips]

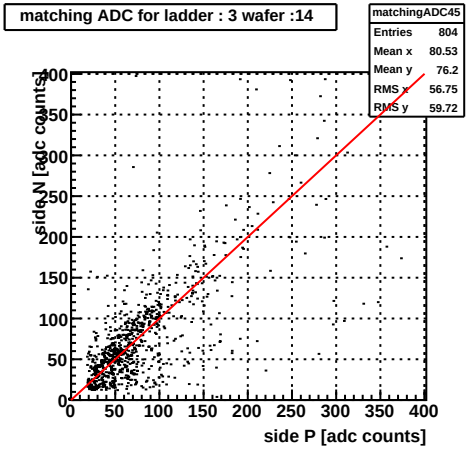

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 289
Mean x 83.07
Mean y 73.95
RMS x 67.07
RMS y 57.56
side N [adc counts]
side P [adc counts]

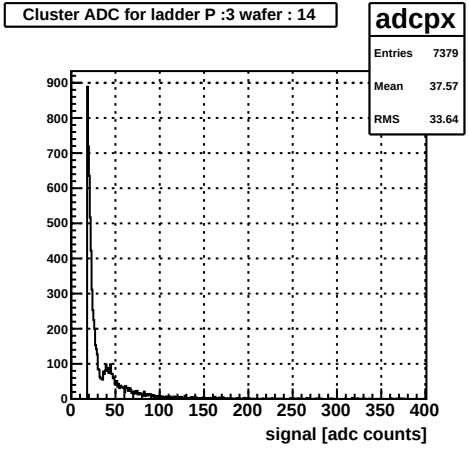

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 852
Mean 62.92
RMS 58.75
signal [adc counts]

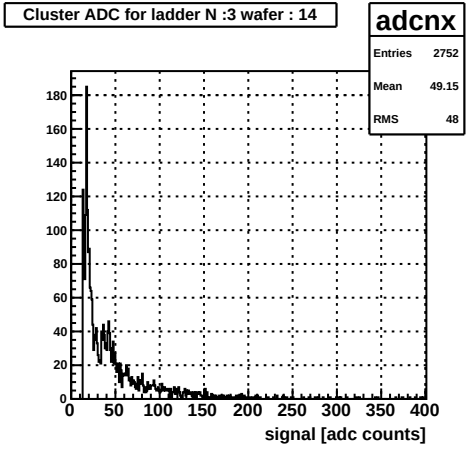

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2575
Mean 39.92
RMS 47.41
signal [adc counts]

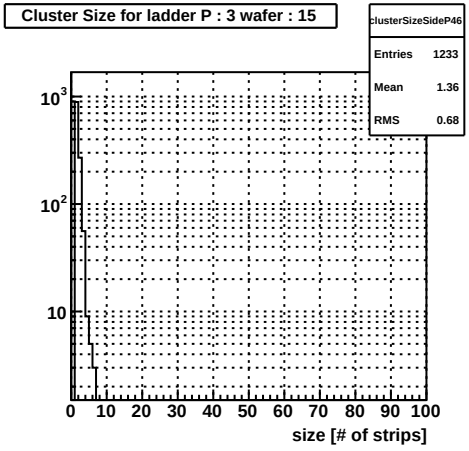

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 7379
Mean 1.277
RMS 0.5935
size [# of strips]

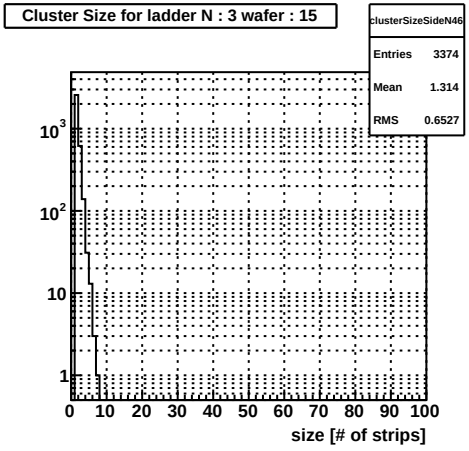

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2752
Mean 1.442
RMS 0.7271
size [# of strips]

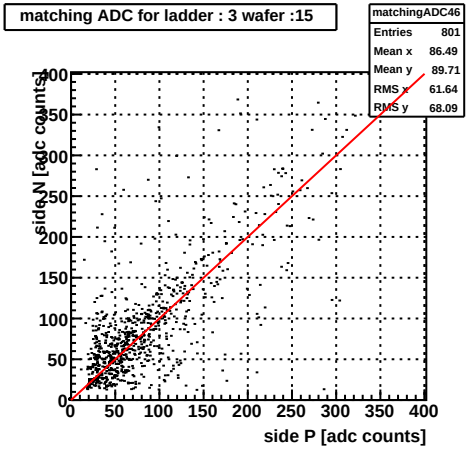

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 804
Mean x 80.53
Mean y 76.2
RMS x 56.75
RMS y 59.72
side N [adc counts]
side P [adc counts]

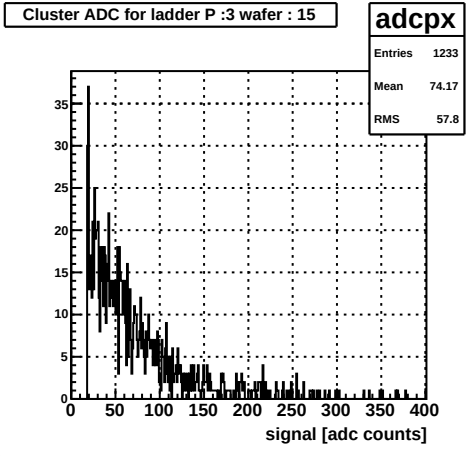

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 7379
Mean 37.57
RMS 33.64
signal [adc counts]

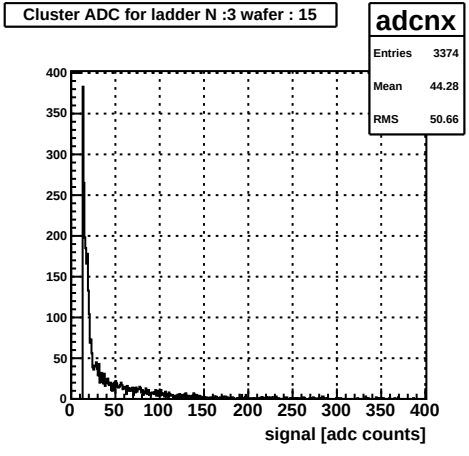

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2752
Mean 49.15
RMS 48
signal [adc counts]

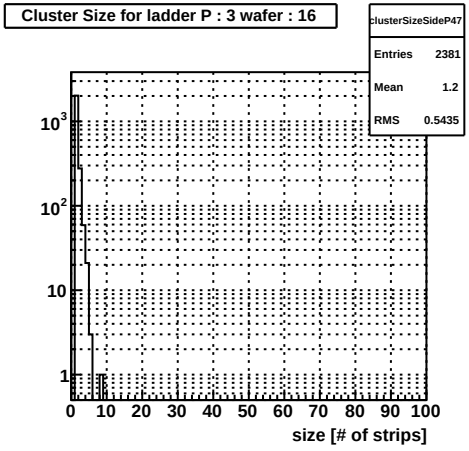

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1233
Mean 1.36
RMS 0.68
size [# of strips]

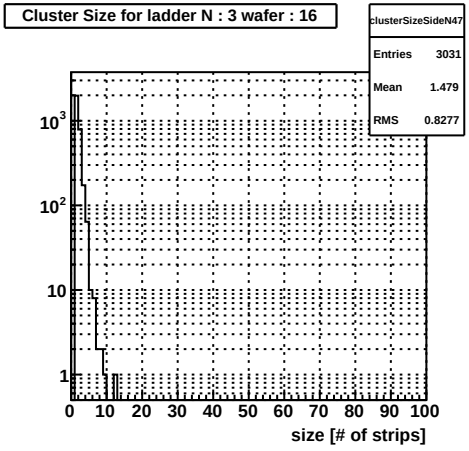

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3374
Mean 1.314
RMS 0.6527
size [# of strips]

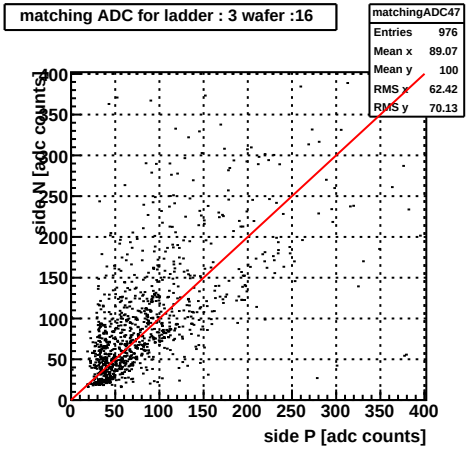

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 801
Mean x 86.49
Mean y 89.71
RMS x 61.64
RMS y 68.09
side N [adc counts]
side P [adc counts]

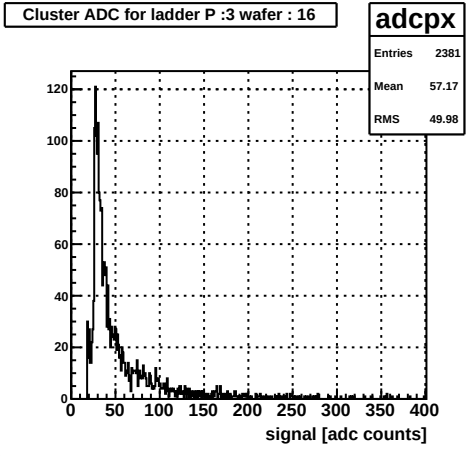

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1233
Mean 74.17
RMS 57.8
signal [adc counts]

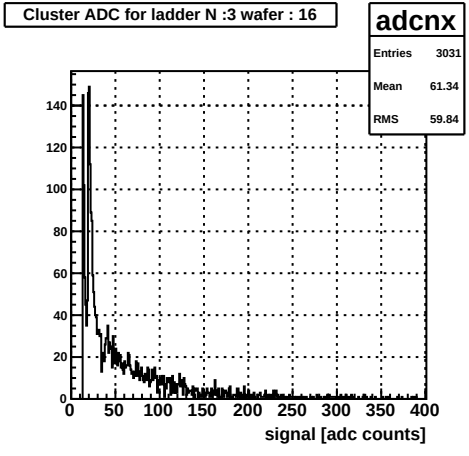

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3374
Mean 44.28
RMS 50.66
signal [adc counts]

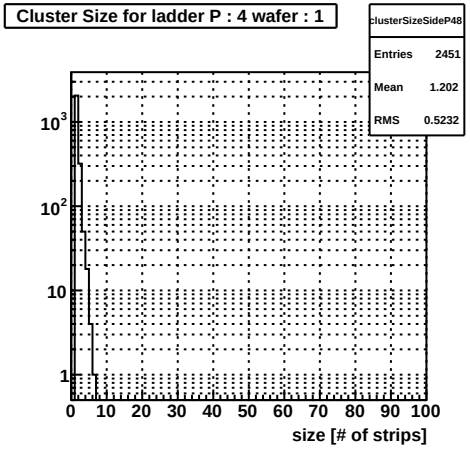

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2381
Mean 1.2
RMS 0.5435
size [# of strips]

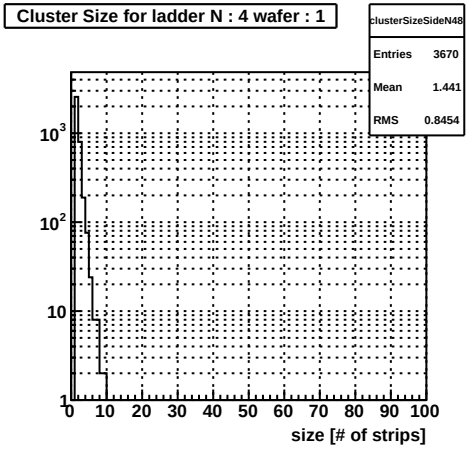

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3031
Mean 1.479
RMS 0.8277
size [# of strips]

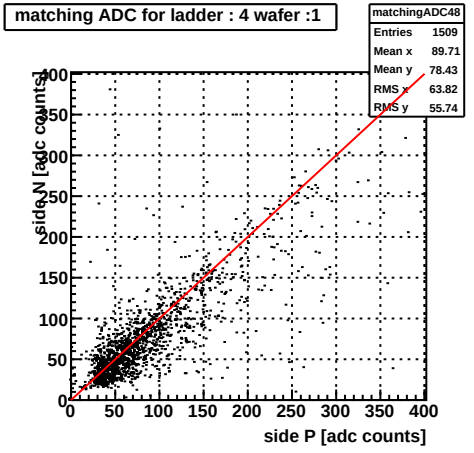

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 976
Mean x 89.07
Mean y 100
RMS x 62.42
RMS y 70.13
side N [adc counts]
side P [adc counts]

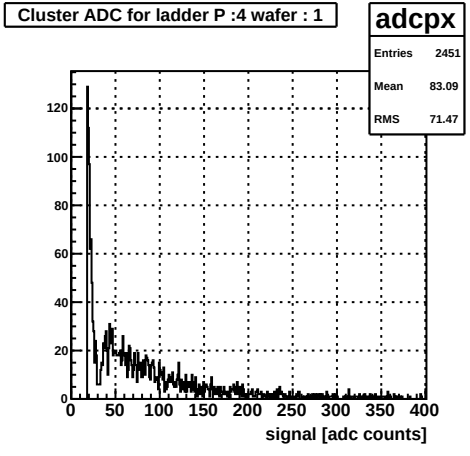

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2381
Mean 57.17
RMS 49.98
signal [adc counts]

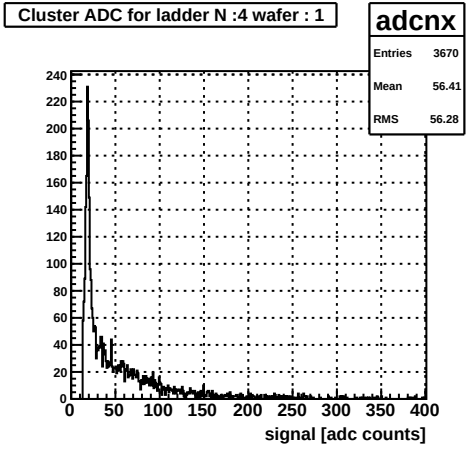

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3031
Mean 61.34
RMS 59.84
signal [adc counts]

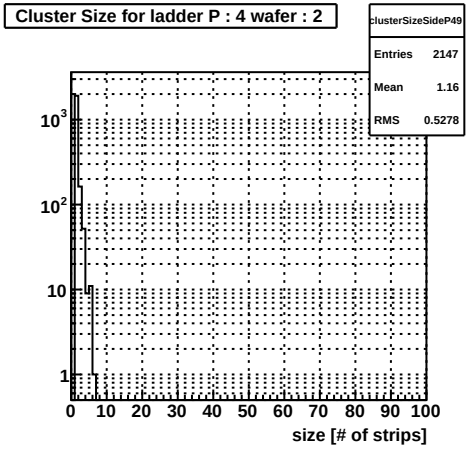

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2451
Mean 1.202
RMS 0.5232
size [# of strips]

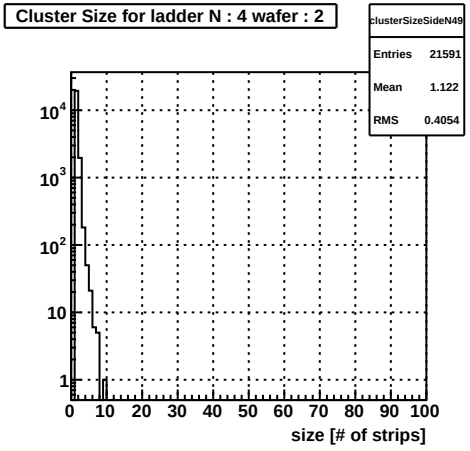

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 3670
Mean 1.441
RMS 0.8454
size [# of strips]

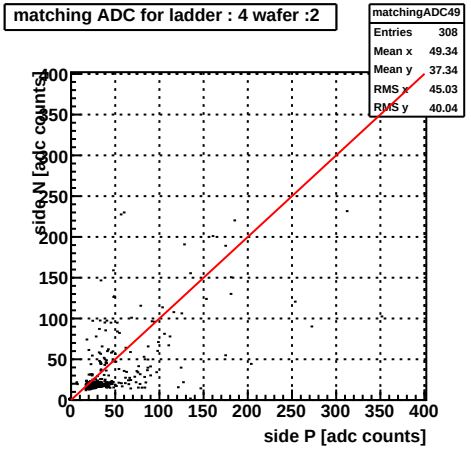

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1509
Mean x 89.71
Mean y 78.43
RMS x 63.82
RMS y 55.74
side N [adc counts]
side P [adc counts]

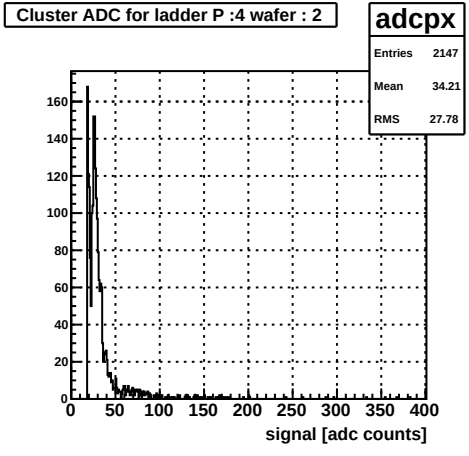

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2451
Mean 83.09
RMS 71.47
signal [adc counts]

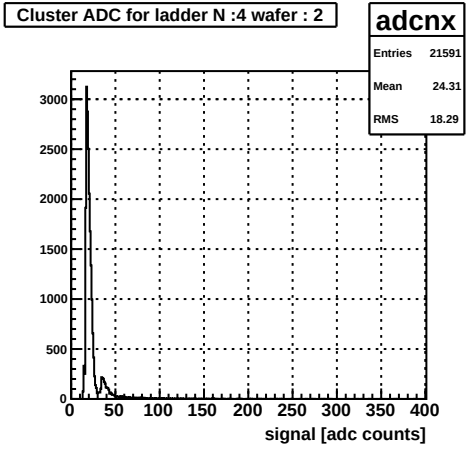

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 3670
Mean 56.41
RMS 56.28
signal [adc counts]

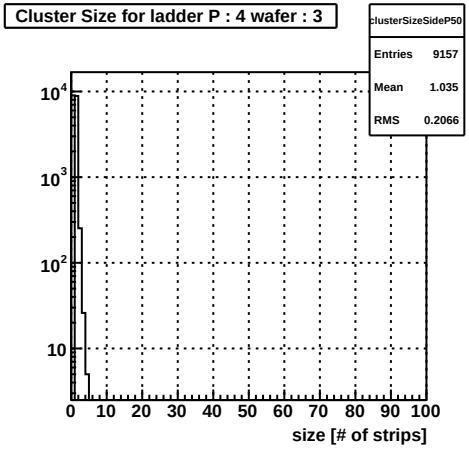

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2147
Mean 1.16
RMS 0.5278
size [# of strips]

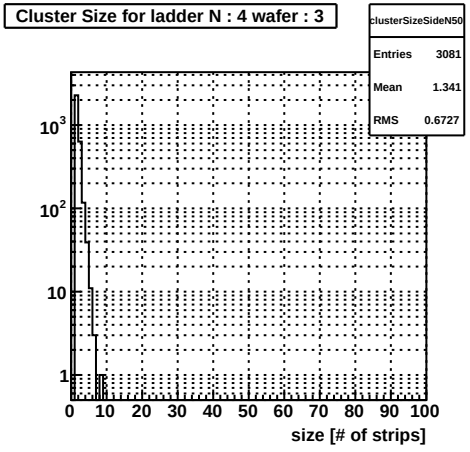

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 21591
Mean 1.122
RMS 0.4054
size [# of strips]

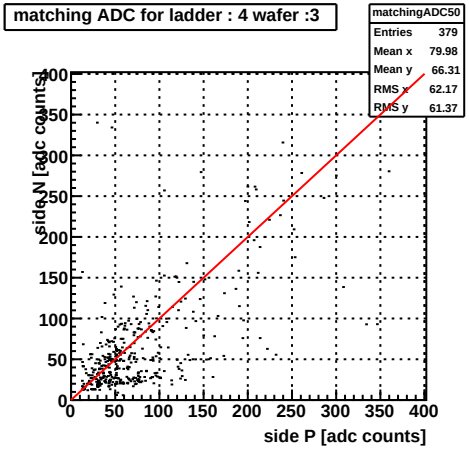

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 308
Mean x 49.34
Mean y 37.34
RMS x 45.03
RMS y 40.04
side N [adc counts]
side P [adc counts]

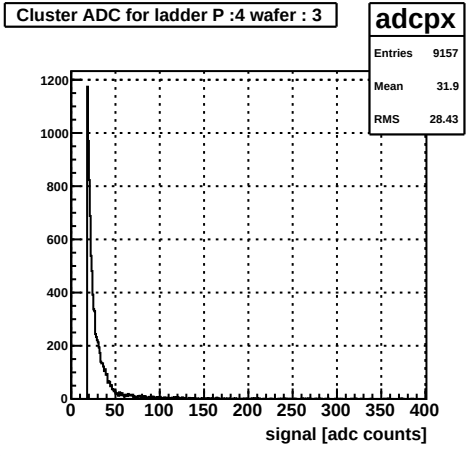

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2147
Mean 34.21
RMS 27.78
signal [adc counts]

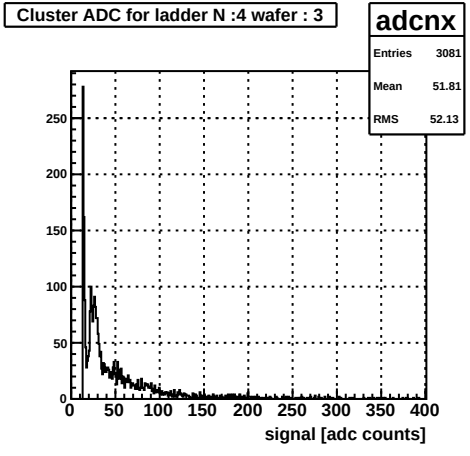

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 21591
Mean 24.31
RMS 18.29
signal [adc counts]

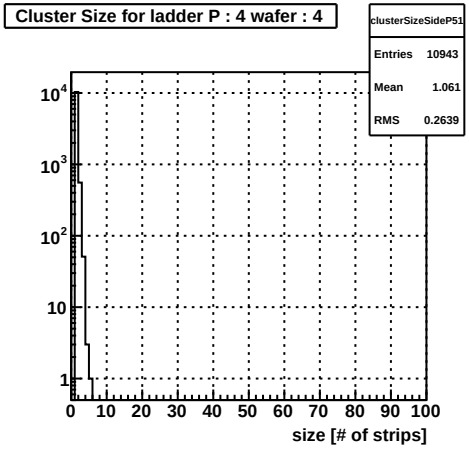

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 9157
Mean 1.035
RMS 0.2066
size [# of strips]

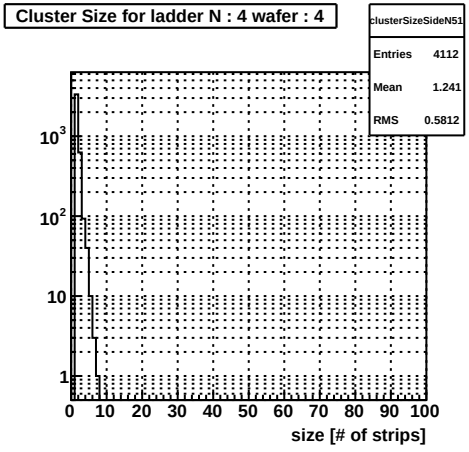

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3081
Mean 1.341
RMS 0.6727
size [# of strips]

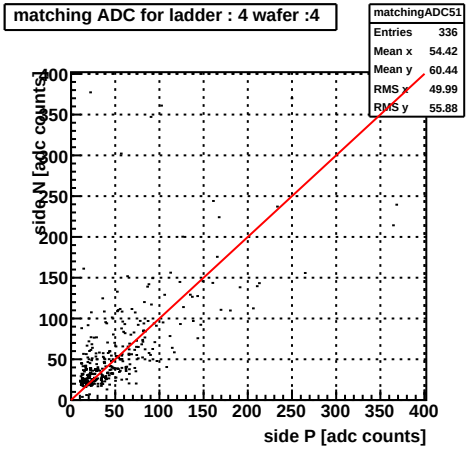

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 379
Mean x 79.98
Mean y 66.31
RMS x 62.17
RMS y 61.37
side N [adc counts]
side P [adc counts]

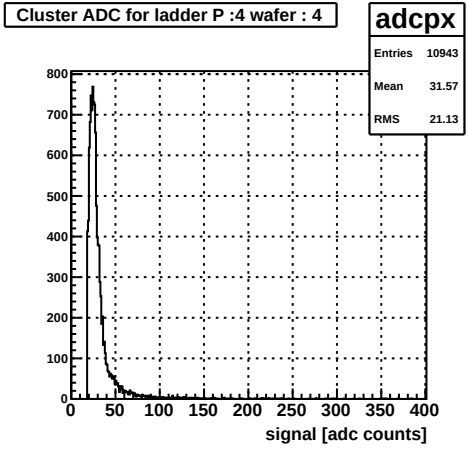

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 9157
Mean 31.9
RMS 28.43
signal [adc counts]

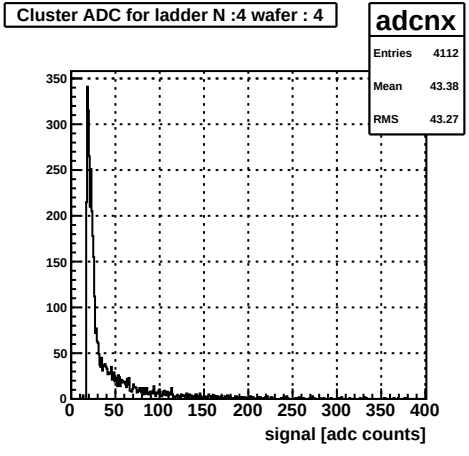

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3081
Mean 51.81
RMS 52.13
signal [adc counts]

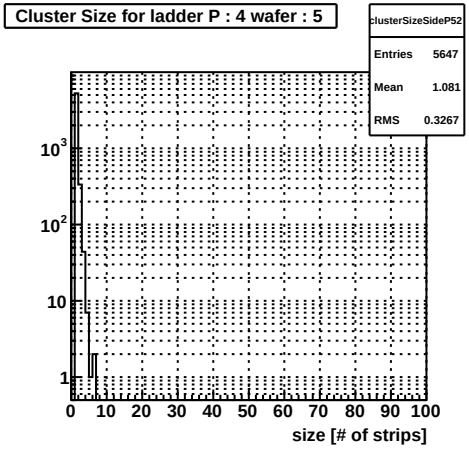

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 10943
Mean 1.061
RMS 0.2639
size [# of strips]

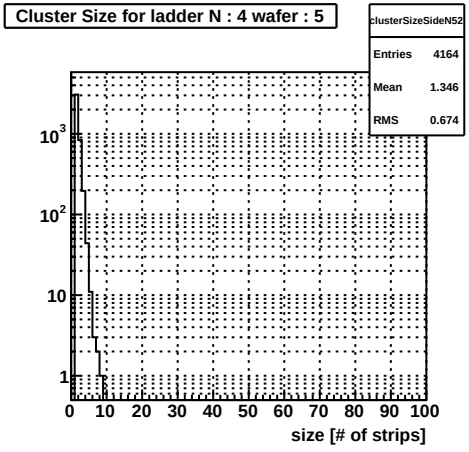

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 4112
Mean 1.241
RMS 0.5812
size [# of strips]

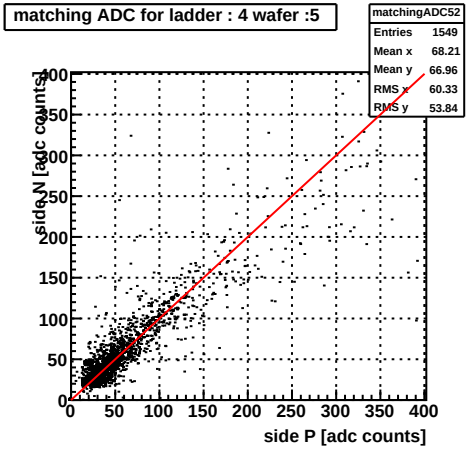

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 336
Mean x 54.42
Mean y 60.44
RMS x 49.99
RMS y 55.88
side N [adc counts]
side P [adc counts]

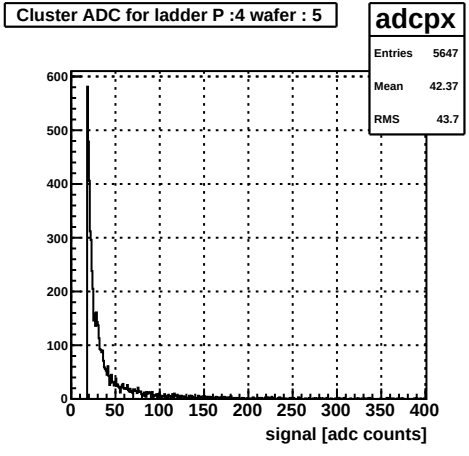

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 10943
Mean 31.57
RMS 21.13
signal [adc counts]

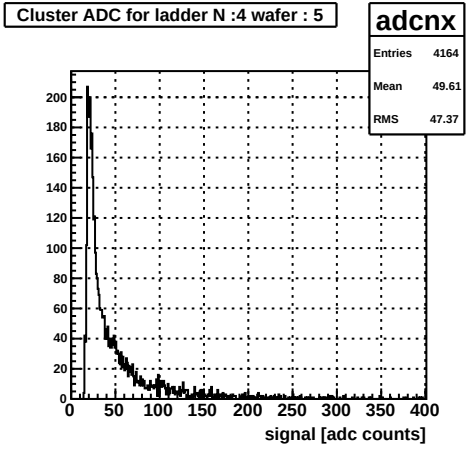

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 4112
Mean 43.38
RMS 43.27
signal [adc counts]

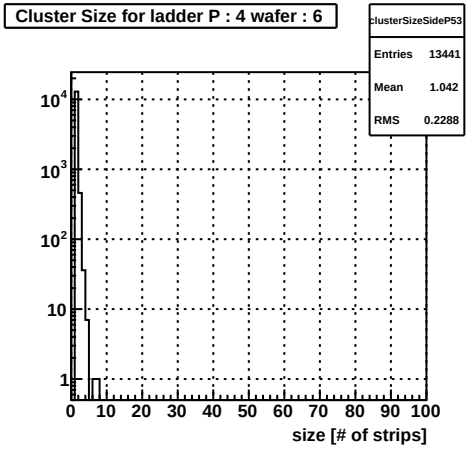

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 5647
Mean 1.081
RMS 0.3267
size [# of strips]

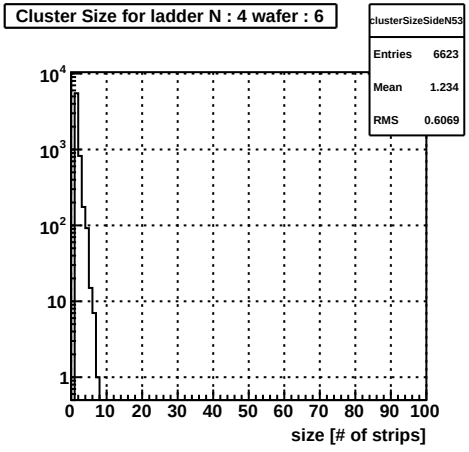

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 4164
Mean 1.346
RMS 0.674
size [# of strips]

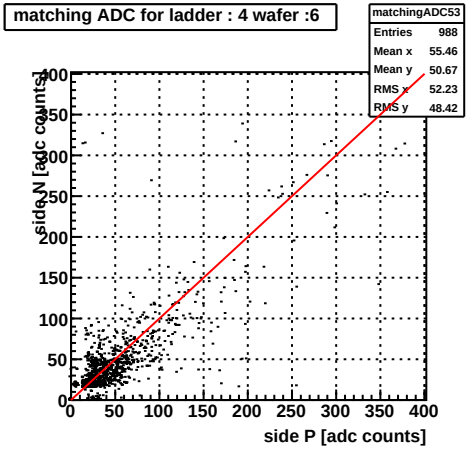

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1549
Mean x 68.21
Mean y 66.96
RMS x 60.33
RMS y 53.84
side N [adc counts]
side P [adc counts]

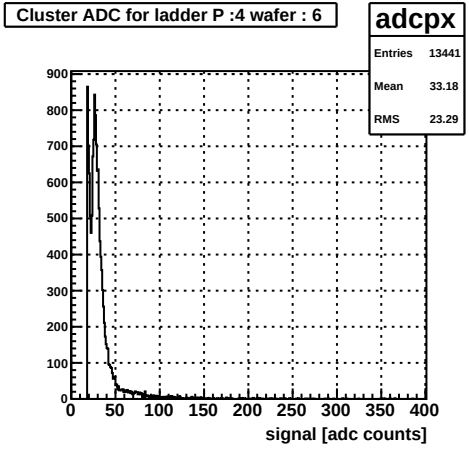

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 5647
Mean 42.37
RMS 43.7
signal [adc counts]

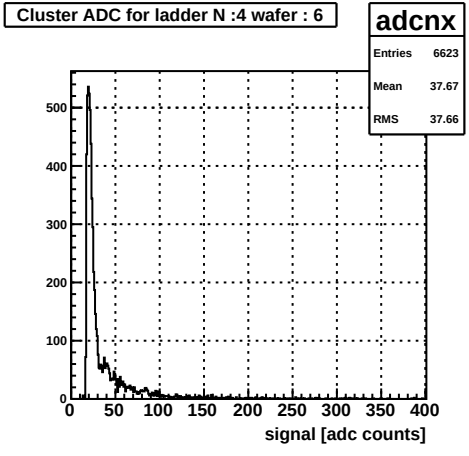

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 4164
Mean 49.61
RMS 47.37
signal [adc counts]

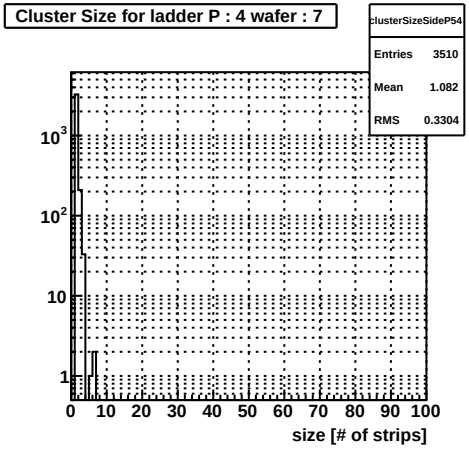

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 13441
Mean 1.042
RMS 0.2288
size [# of strips]

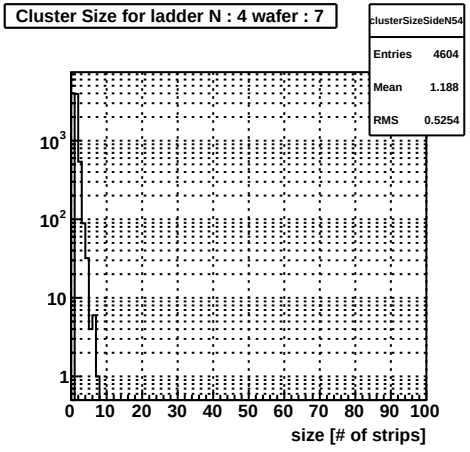

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 6623
Mean 1.234
RMS 0.6069
size [# of strips]

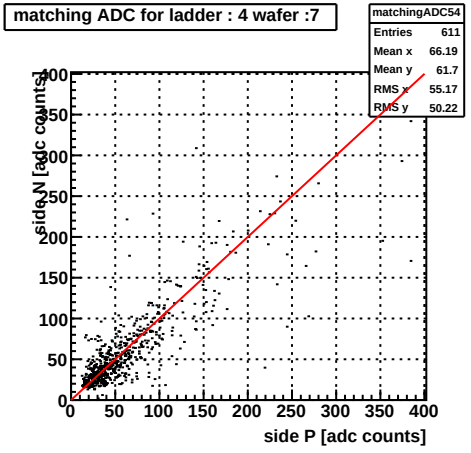

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 988
Mean x 55.46
Mean y 50.67
RMS x 52.23
RMS y 48.42
side N [adc counts]
side P [adc counts]

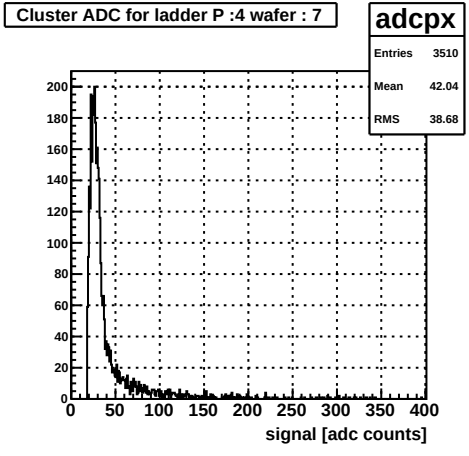

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 13441
Mean 33.18
RMS 23.29
signal [adc counts]

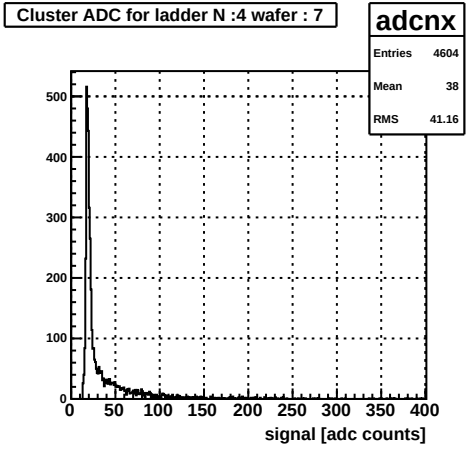

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 6623
Mean 37.67
RMS 37.66
signal [adc counts]

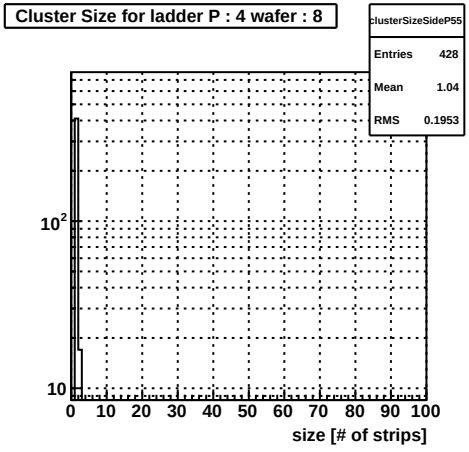

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 3510
Mean 1.082
RMS 0.3304
size [# of strips]

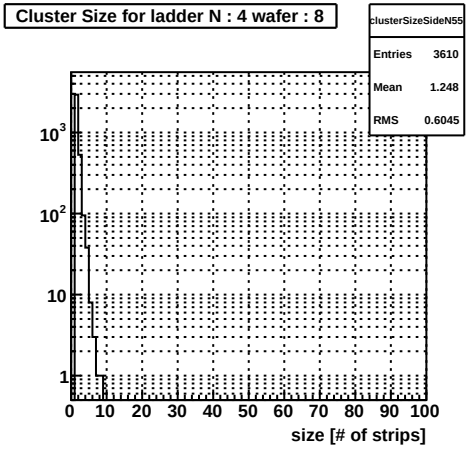

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4604
Mean 1.188
RMS 0.5254
size [# of strips]

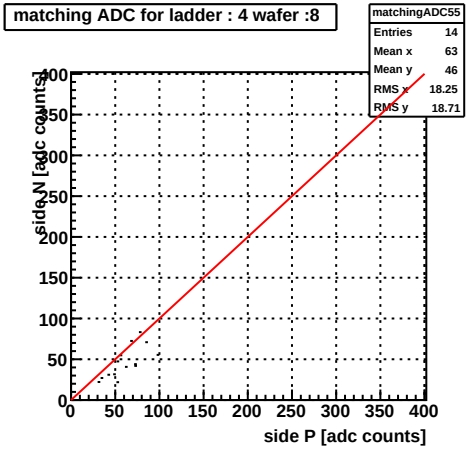

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 611
Mean x 66.19
Mean y 61.7
RMS x 55.17
RMS y 50.22
side N [adc counts]
side P [adc counts]

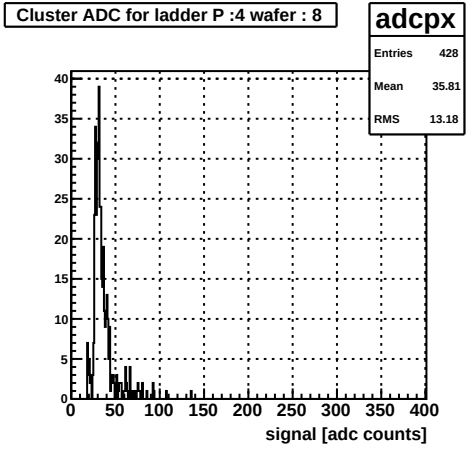

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 3510
Mean 42.04
RMS 38.68
signal [adc counts]

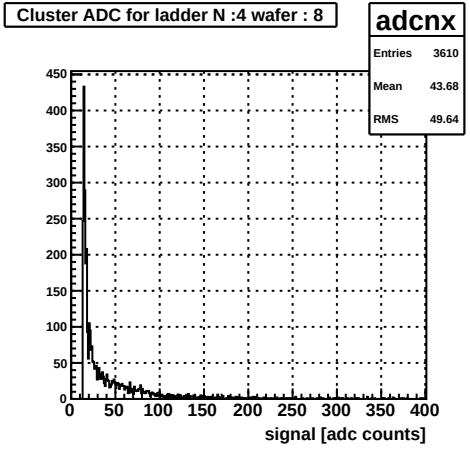

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4604
Mean 38
RMS 41.16
signal [adc counts]

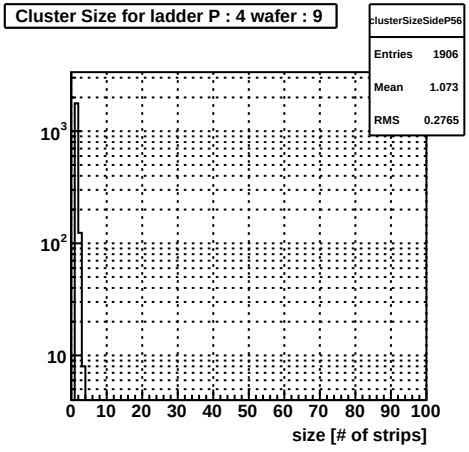

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 428
Mean 1.04
RMS 0.1953
size [# of strips]

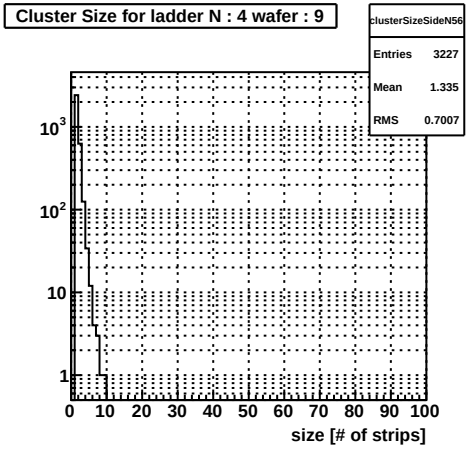

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 3610
Mean 1.248
RMS 0.6045
size [# of strips]

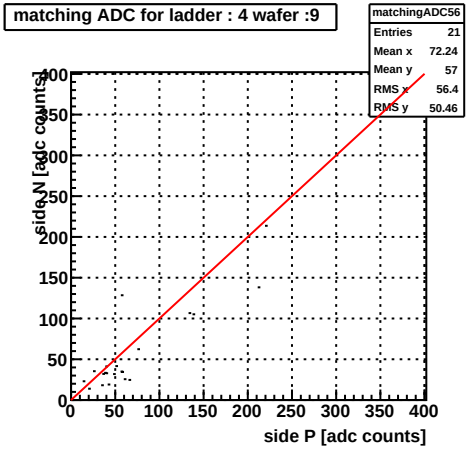

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 14
Mean x 63
Mean y 46
RMS x 18.25
RMS y 18.71
side N [adc counts]
side P [adc counts]

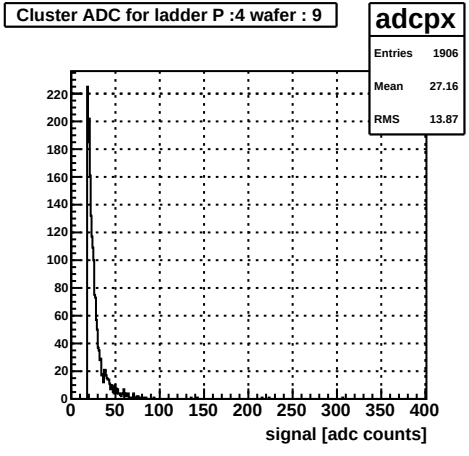

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 428
Mean 35.81
RMS 13.18
signal [adc counts]

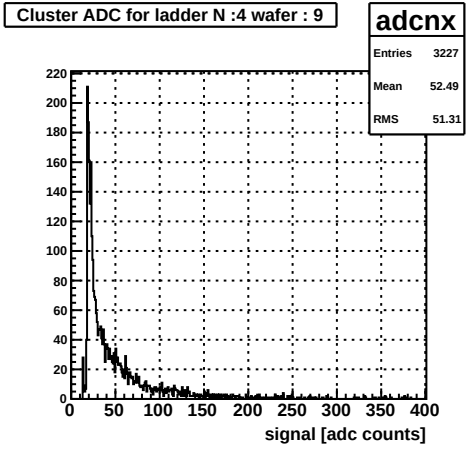

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 3610
Mean 43.68
RMS 49.64
signal [adc counts]

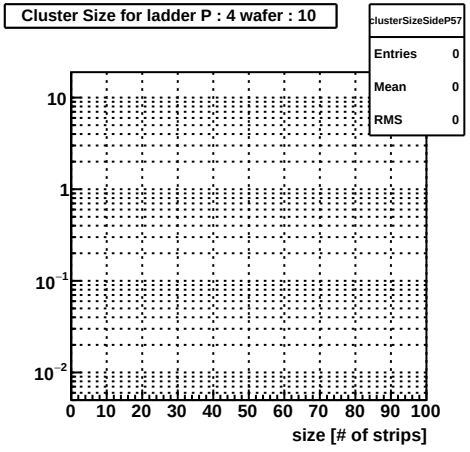

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1906
Mean 1.073
RMS 0.2765
size [# of strips]

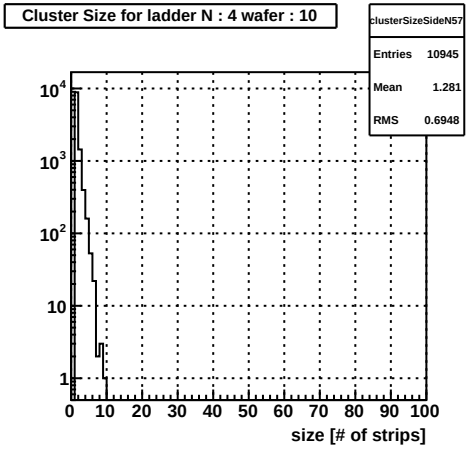

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 3227
Mean 1.335
RMS 0.7007
size [# of strips]

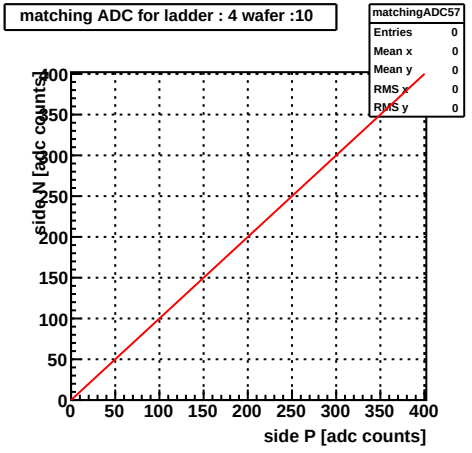

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 21
Mean x 72.24
Mean y 57
RMS x 56.4
RMS y 50.46
side N [adc counts]
side P [adc counts]

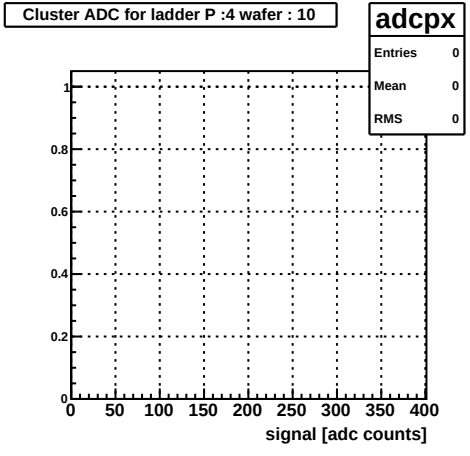

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1906
Mean 27.16
RMS 13.87
signal [adc counts]

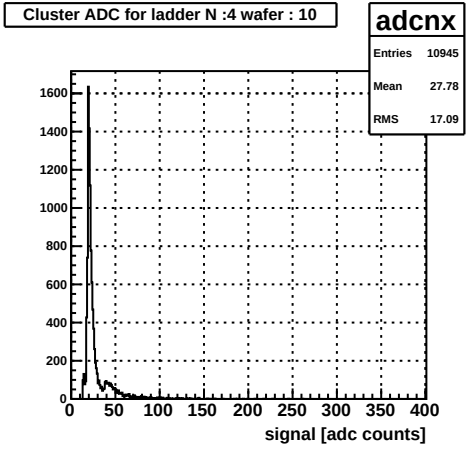

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 3227
Mean 52.49
RMS 51.31
signal [adc counts]

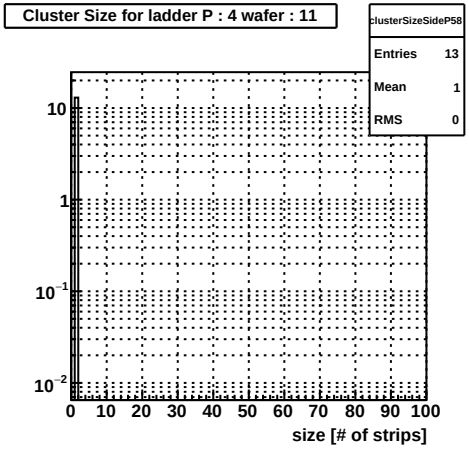

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

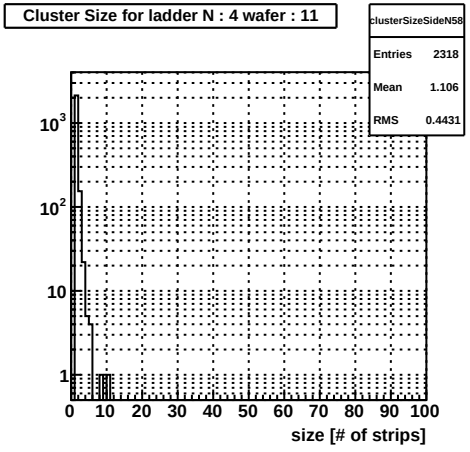

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 10945
Mean 1.281
RMS 0.6948
size [# of strips]

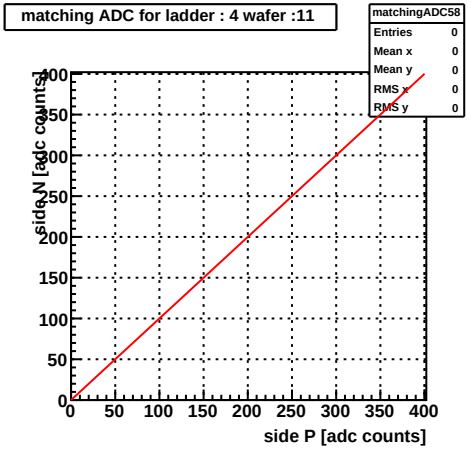

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

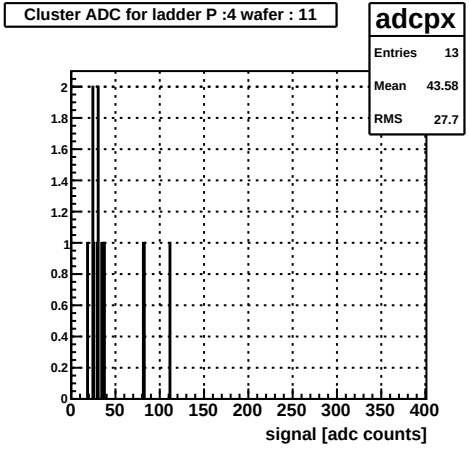

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

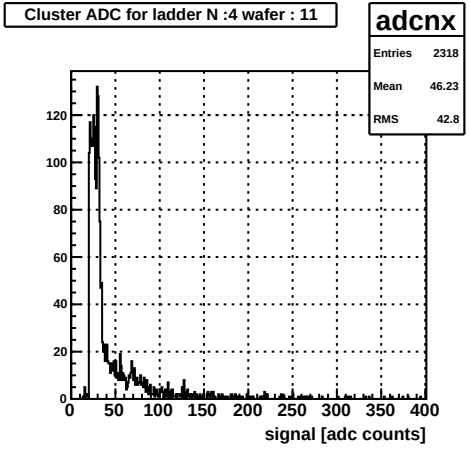

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 10945
Mean 27.78
RMS 17.09
signal [adc counts]

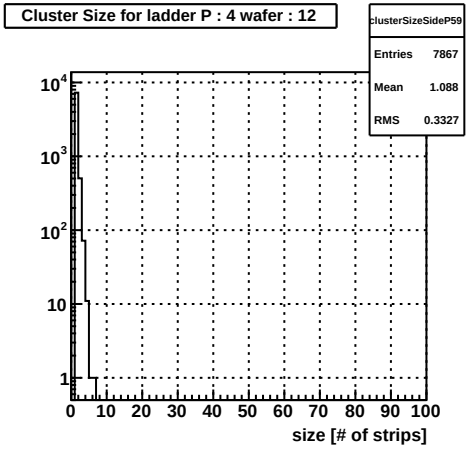

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 13
Mean 1
RMS 0
size [# of strips]

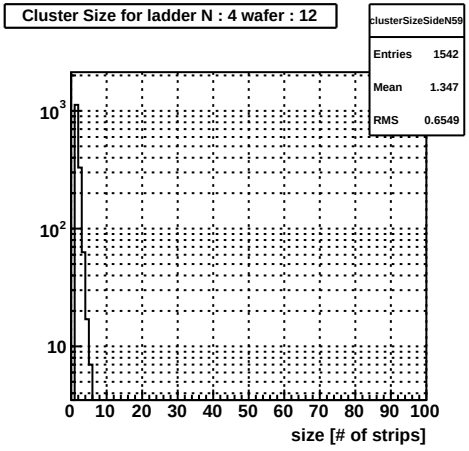

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2318
Mean 1.106
RMS 0.4431
size [# of strips]

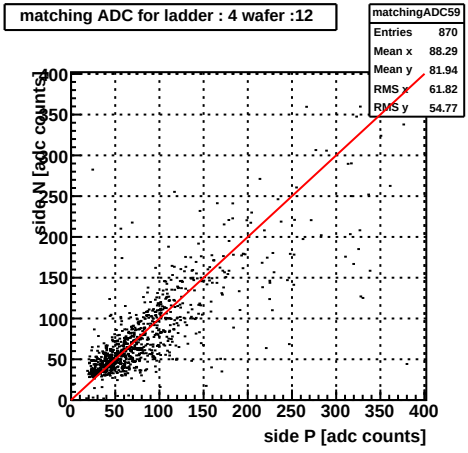

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

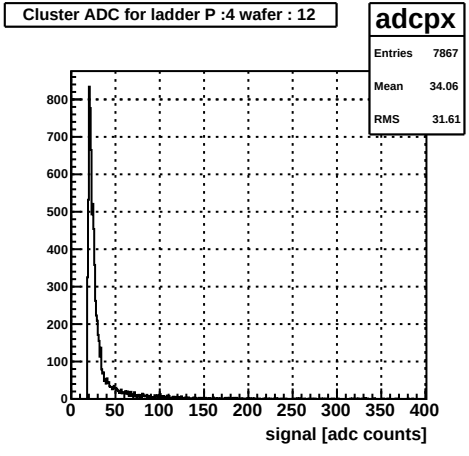

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 13
Mean 43.58
RMS 27.7
signal [adc counts]

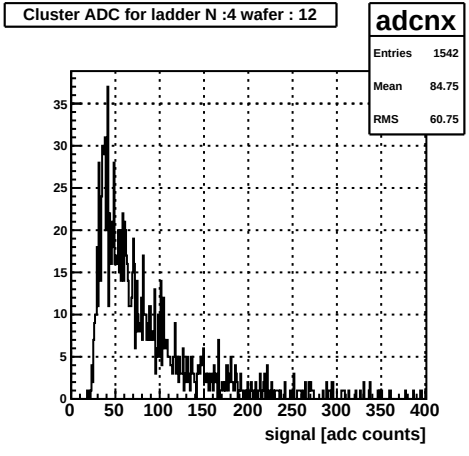

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2318
Mean 46.23
RMS 42.8
signal [adc counts]

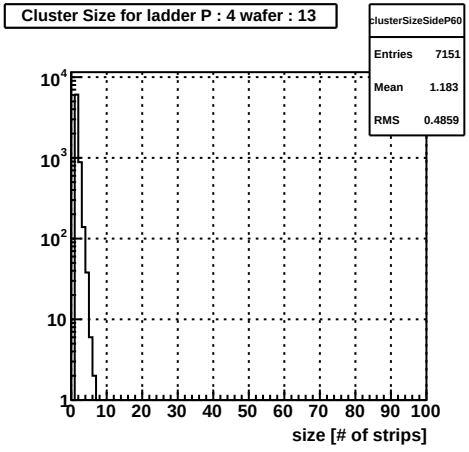

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 7867
Mean 1.088
RMS 0.3327
size [# of strips]

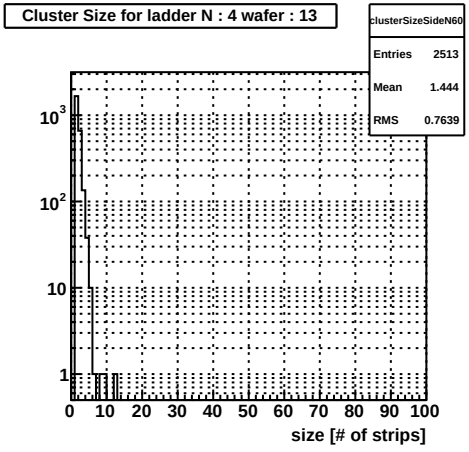

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1542
Mean 1.347
RMS 0.6549
size [# of strips]

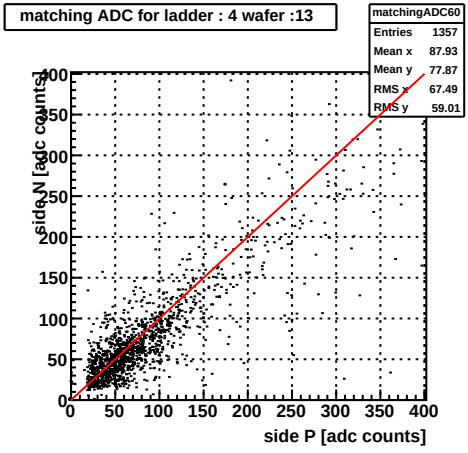

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 870
Mean x 88.29
Mean y 81.94
RMS x 61.82
RMS y 54.77
side N [adc counts]
side P [adc counts]

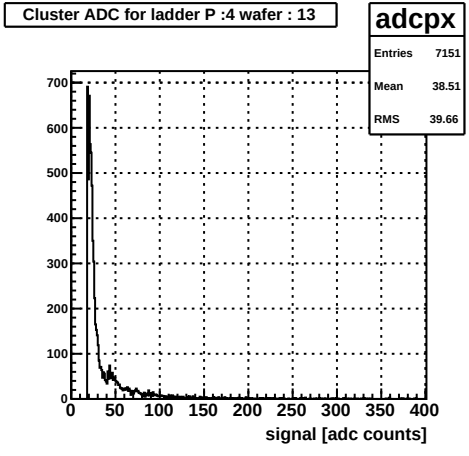

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 7867
Mean 34.06
RMS 31.61
signal [adc counts]

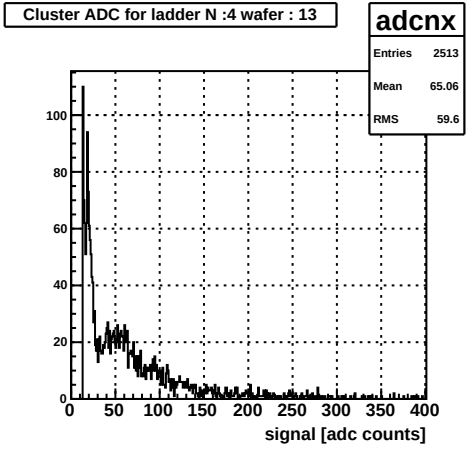

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1542
Mean 84.75
RMS 60.75
signal [adc counts]

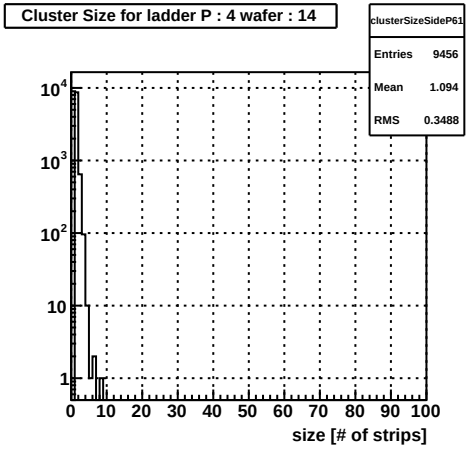

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 7151
Mean 1.183
RMS 0.4859
size [# of strips]

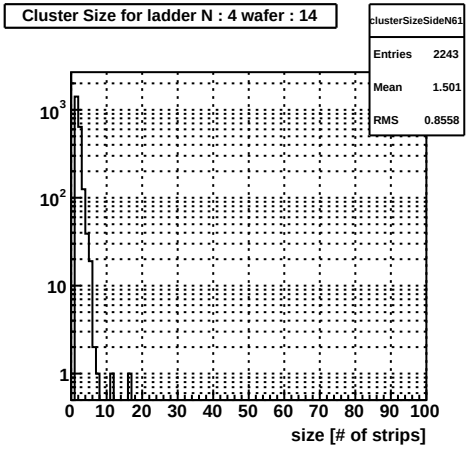

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2513
Mean 1.444
RMS 0.7639
size [# of strips]

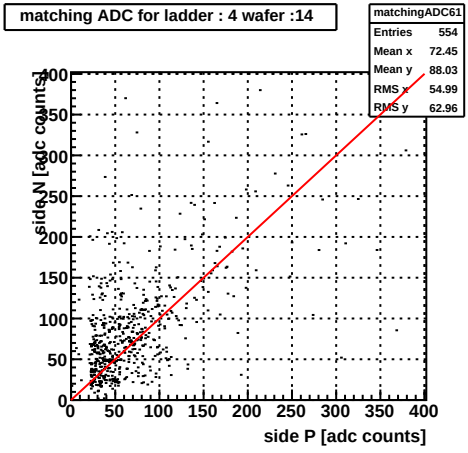

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1357
Mean x 87.93
Mean y 77.87
RMS x 67.49
RMS y 59.01
side N [adc counts]
side P [adc counts]

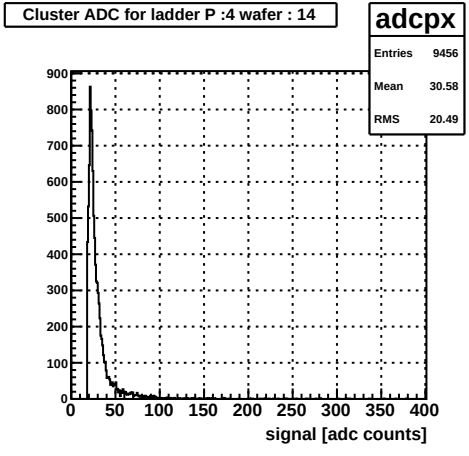

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 7151
Mean 38.51
RMS 39.66
signal [adc counts]

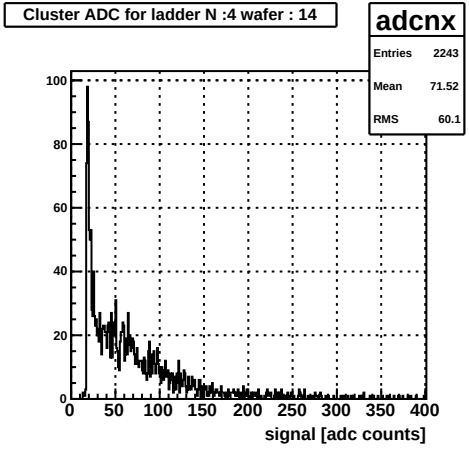

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2513
Mean 65.06
RMS 59.6
signal [adc counts]

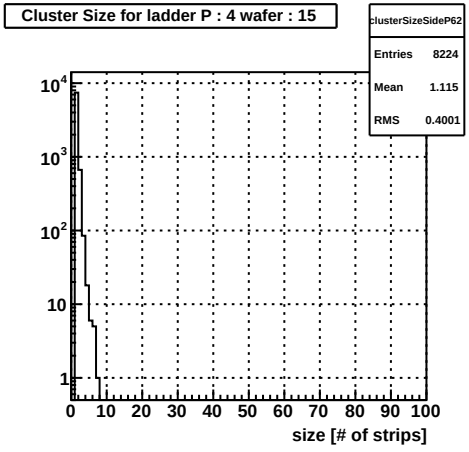

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 9456
Mean 1.094
RMS 0.3488
size [# of strips]

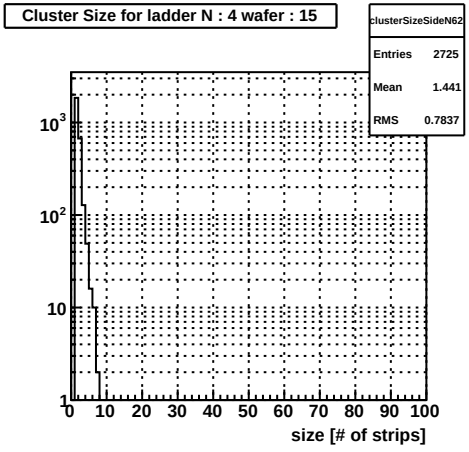

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2243
Mean 1.501
RMS 0.8558
size [# of strips]

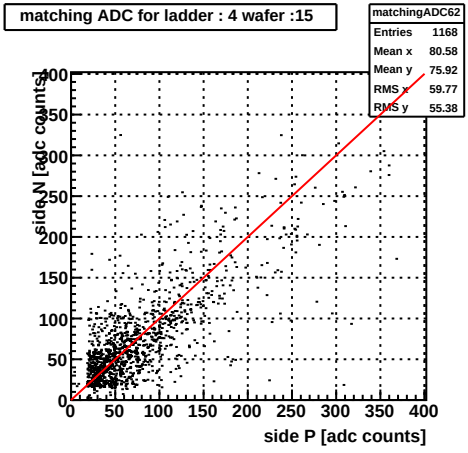

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 554
Mean x 72.45
Mean y 88.03
RMS x 54.99
RMS y 62.96
side N [adc counts]
side P [adc counts]

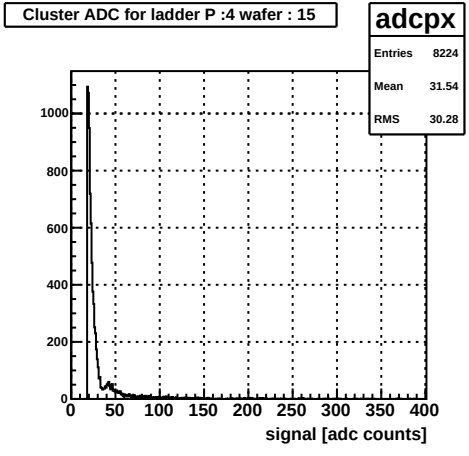

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 9456
Mean 30.58
RMS 20.49
signal [adc counts]

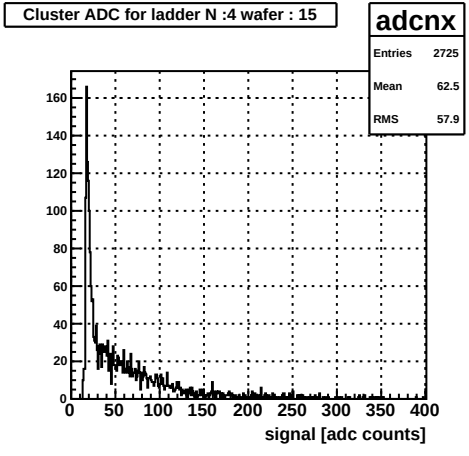

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2243
Mean 71.52
RMS 60.1
signal [adc counts]

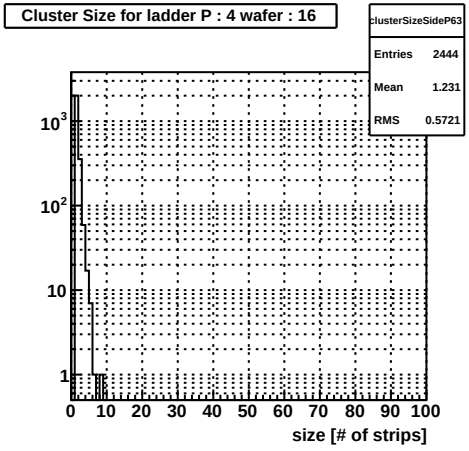

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 8224
Mean 1.115
RMS 0.4001
size [# of strips]

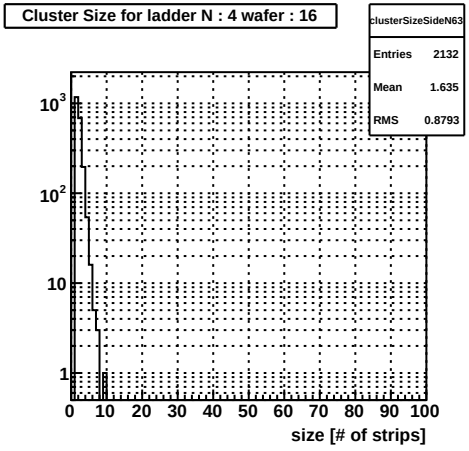

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 2725
Mean 1.441
RMS 0.7837
size [# of strips]

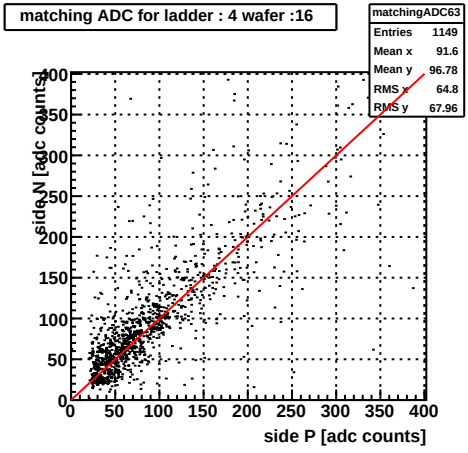

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1168
Mean x 80.58
Mean y 75.92
RMS x 59.77
RMS y 55.38
side N [adc counts]
side P [adc counts]

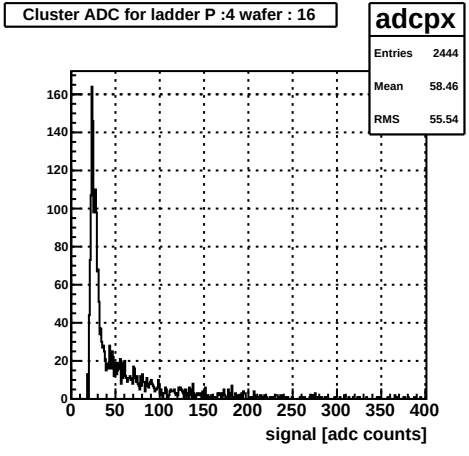

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 8224
Mean 31.54
RMS 30.28
signal [adc counts]

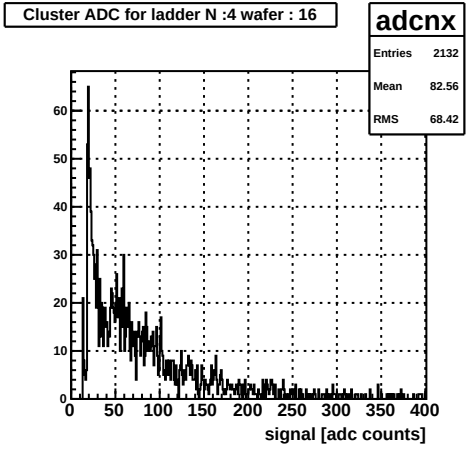

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 2725
Mean 62.5
RMS 57.9
signal [adc counts]

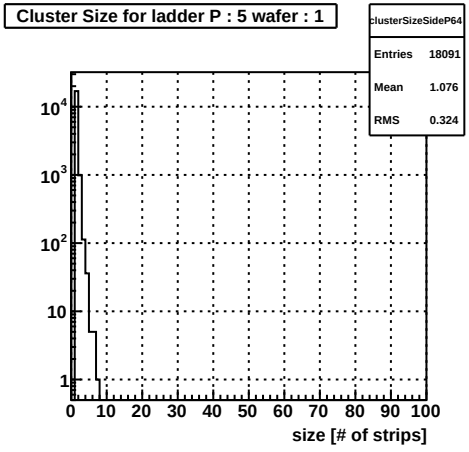

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2444
Mean 1.231
RMS 0.5721
size [# of strips]

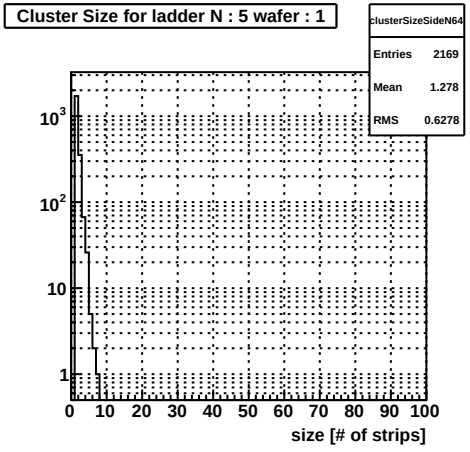

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2132
Mean 1.635
RMS 0.8793
size [# of strips]

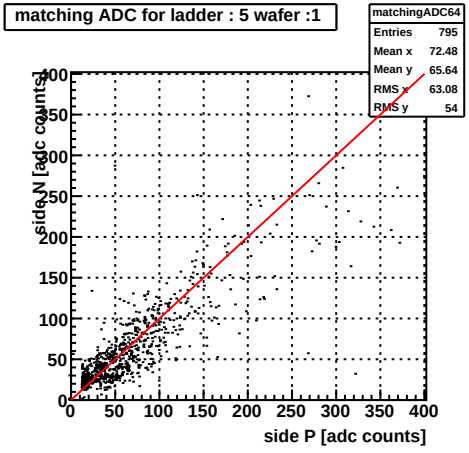

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1149
Mean x 91.6
Mean y 96.78
RMS x 64.8
RMS y 67.96
side N [adc counts]
side P [adc counts]

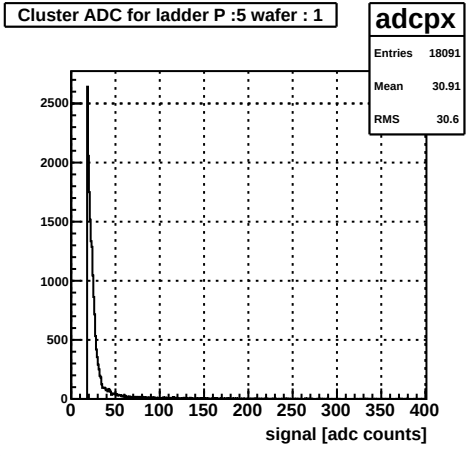

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2444
Mean 58.46
RMS 55.54
signal [adc counts]

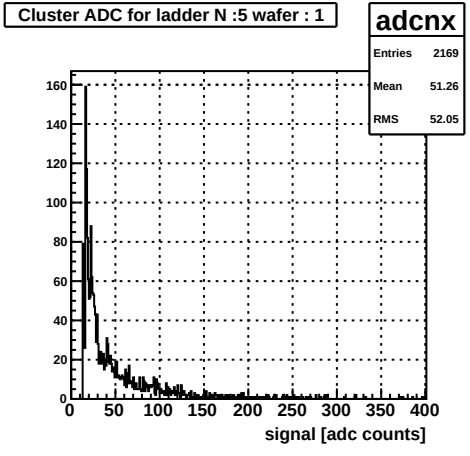

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2132
Mean 82.56
RMS 68.42
signal [adc counts]

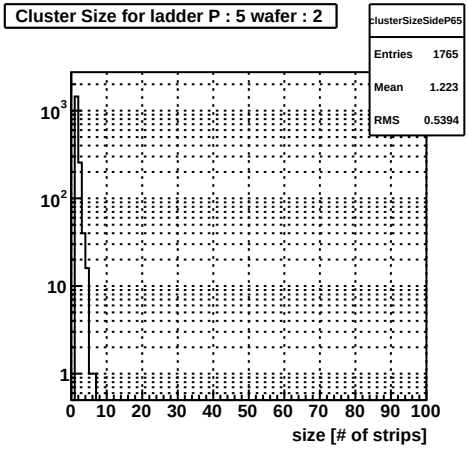

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 18091
Mean 1.076
RMS 0.324
size [# of strips]

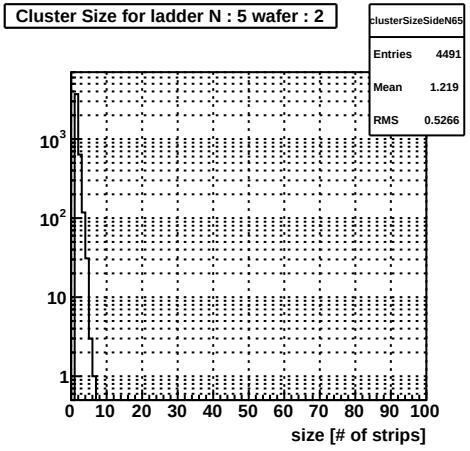

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2169
Mean 1.278
RMS 0.6278
size [# of strips]

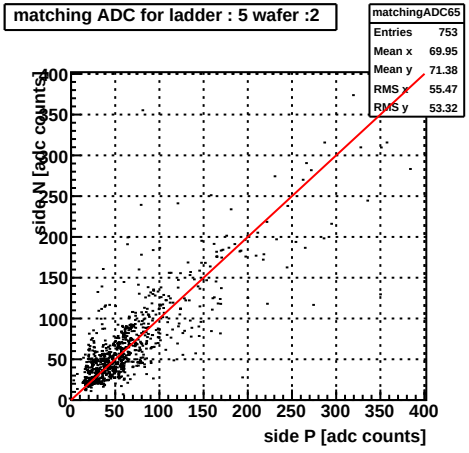

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 795
Mean x 72.48
Mean y 65.64
RMS x 63.08
RMS y 54
side N [adc counts]
side P [adc counts]

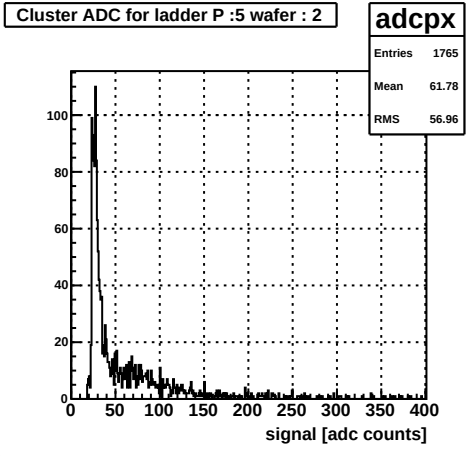

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 18091
Mean 30.91
RMS 30.6
signal [adc counts]

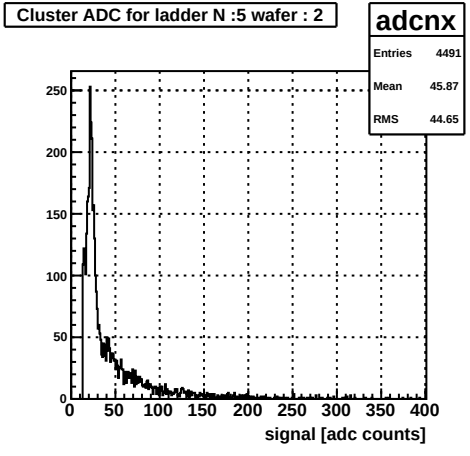

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2169
Mean 51.26
RMS 52.05
signal [adc counts]

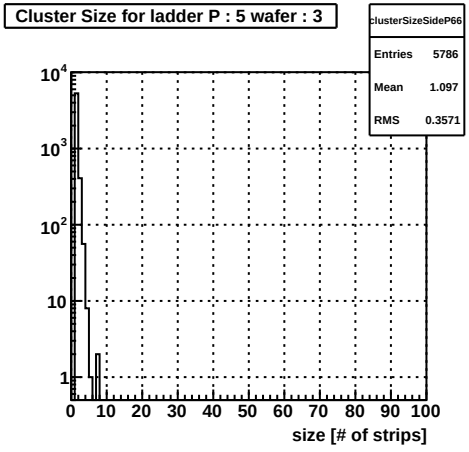

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1765
Mean 1.223
RMS 0.5394
size [# of strips]

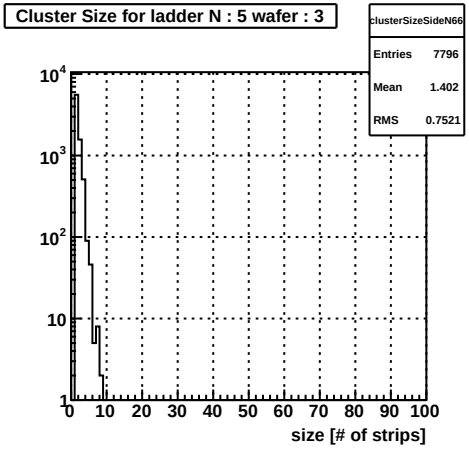

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4491
Mean 1.219
RMS 0.5266
size [# of strips]

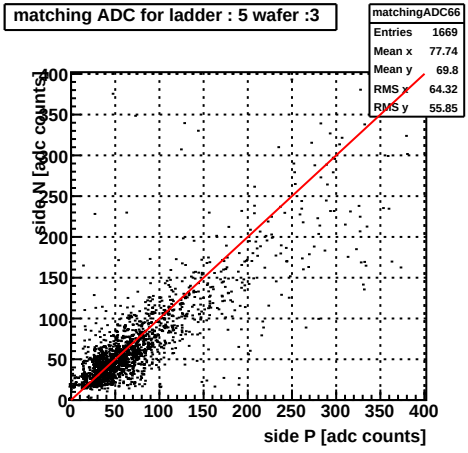

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 753
Mean x 69.95
Mean y 71.38
RMS x 55.47
RMS y 53.32
side N [adc counts]
side P [adc counts]

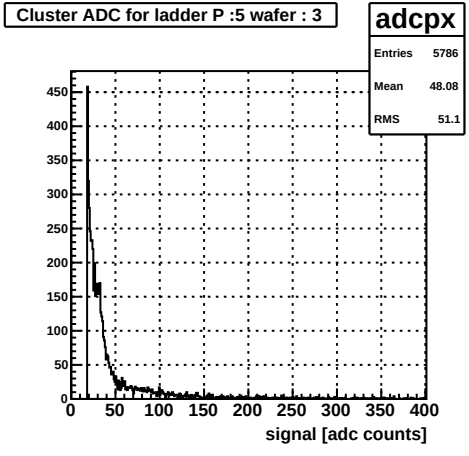

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1765
Mean 61.78
RMS 56.96
signal [adc counts]

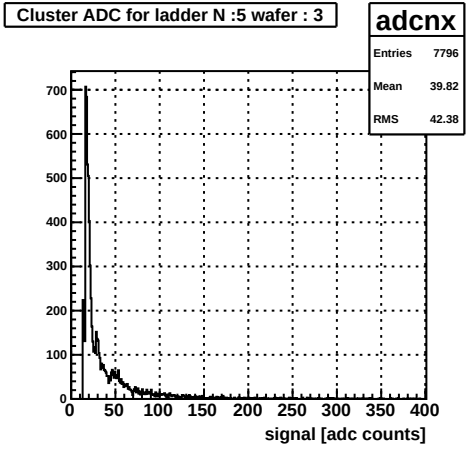

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4491
Mean 45.87
RMS 44.65
signal [adc counts]

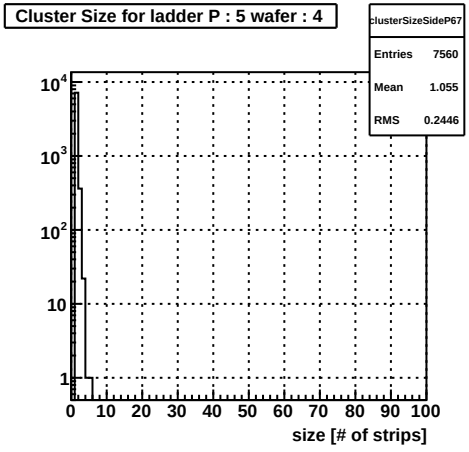

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5786
Mean 1.097
RMS 0.3571
size [# of strips]

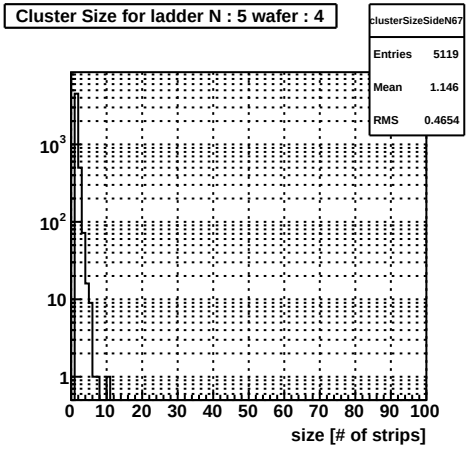

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 7796
Mean 1.402
RMS 0.7521
size [# of strips]

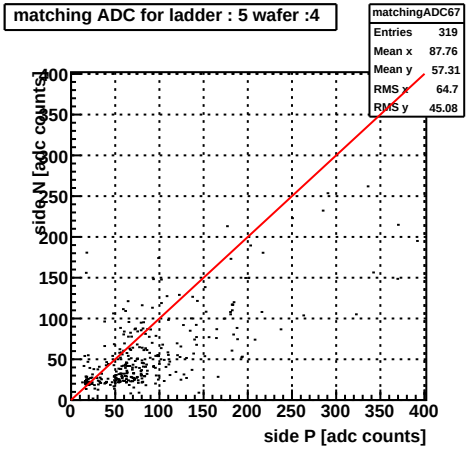

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1669
Mean x 77.74
Mean y 69.8
RMS x 64.32
RMS y 55.85
side N [adc counts]
side P [adc counts]

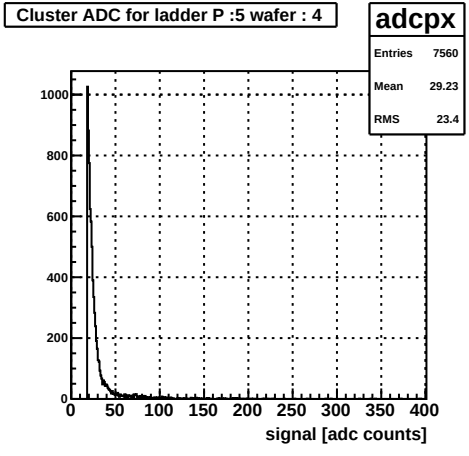

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5786
Mean 48.08
RMS 51.1
signal [adc counts]

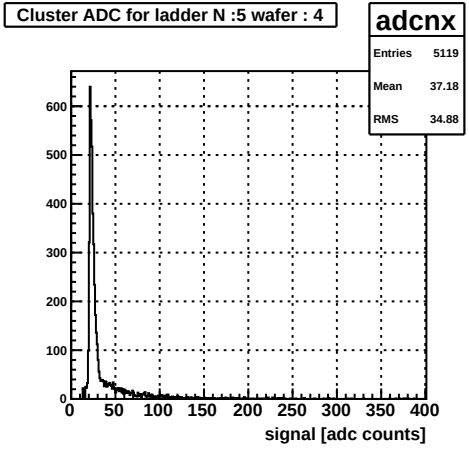

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 7796
Mean 39.82
RMS 42.38
signal [adc counts]

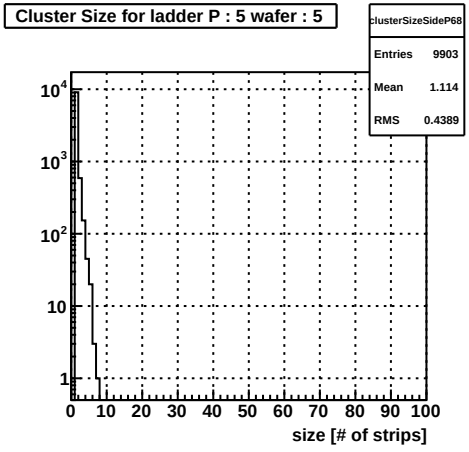

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 7560
Mean 1.055
RMS 0.2446
size [# of strips]

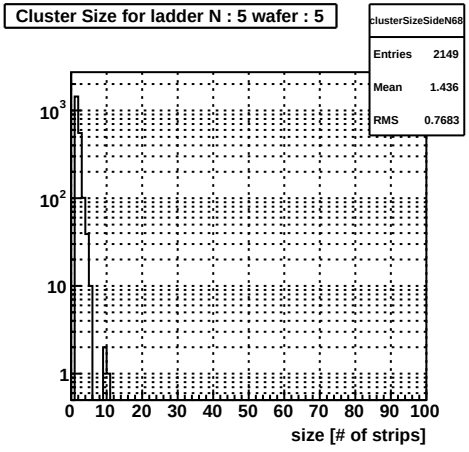

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 5119
Mean 1.146
RMS 0.4654
size [# of strips]

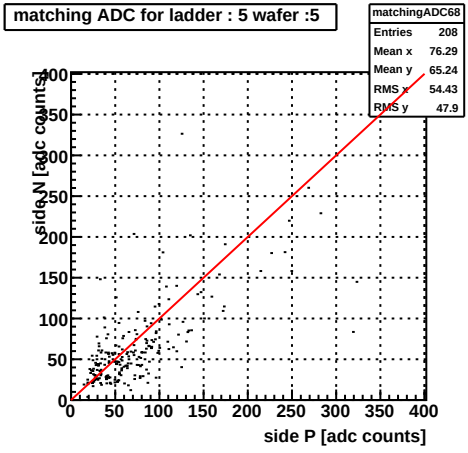

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 319
Mean x 87.76
Mean y 57.31
RMS x 64.7
RMS y 45.08
side N [adc counts]
side P [adc counts]

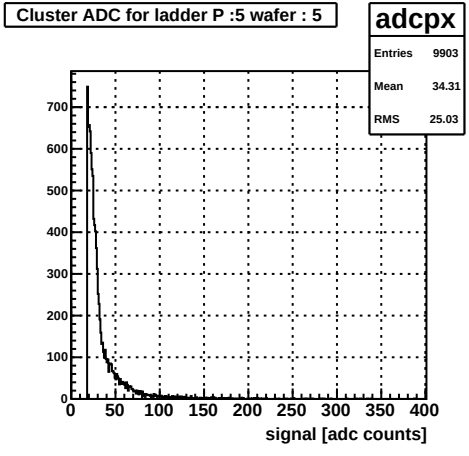

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 7560
Mean 29.23
RMS 23.4
signal [adc counts]

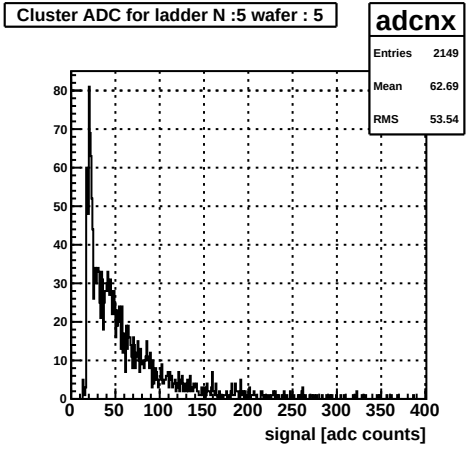

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 5119
Mean 37.18
RMS 34.88
signal [adc counts]

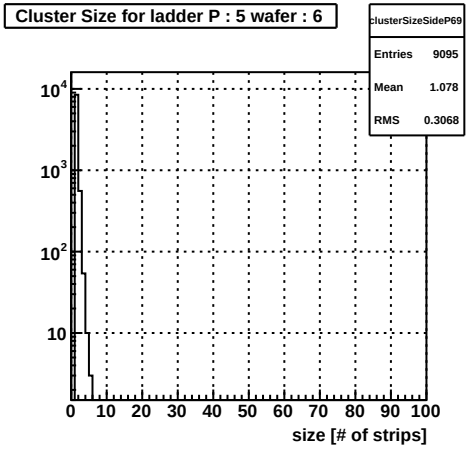

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 9903
Mean 1.114
RMS 0.4389
size [# of strips]

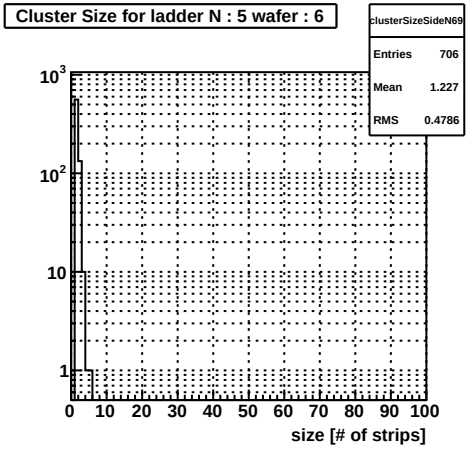

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 2149
Mean 1.436
RMS 0.7683
size [# of strips]

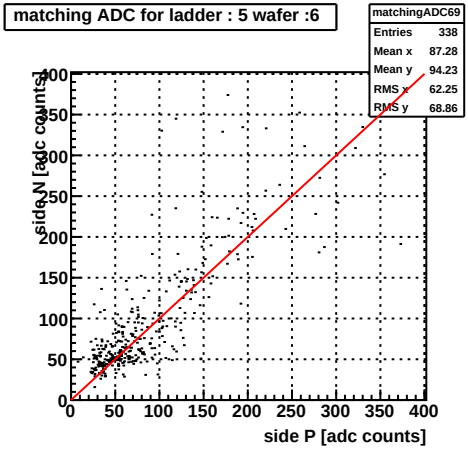

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 208
Mean x 76.29
Mean y 65.24
RMS x 54.43
RMS y 47.9
side N [adc counts]
side P [adc counts]

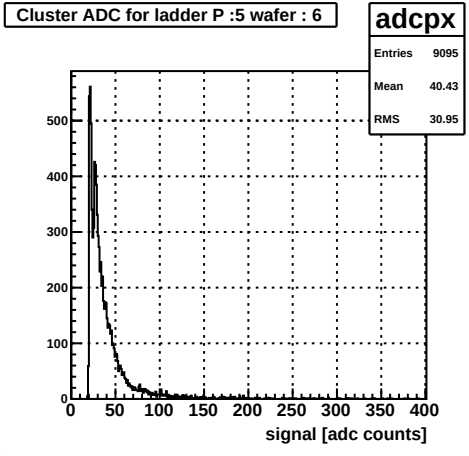

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 9903
Mean 34.31
RMS 25.03
signal [adc counts]

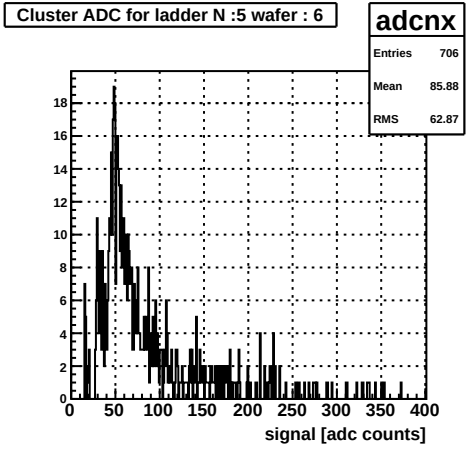

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 2149
Mean 62.69
RMS 53.54
signal [adc counts]

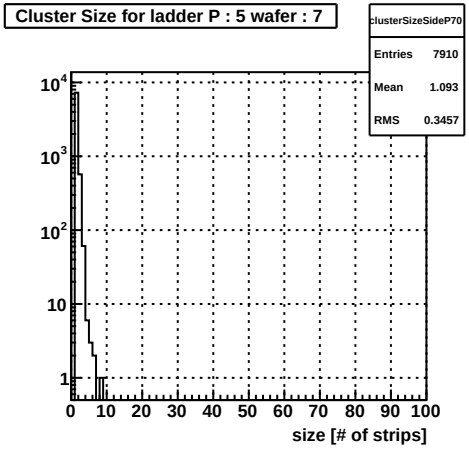

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 9095
Mean 1.078
RMS 0.3068
size [# of strips]

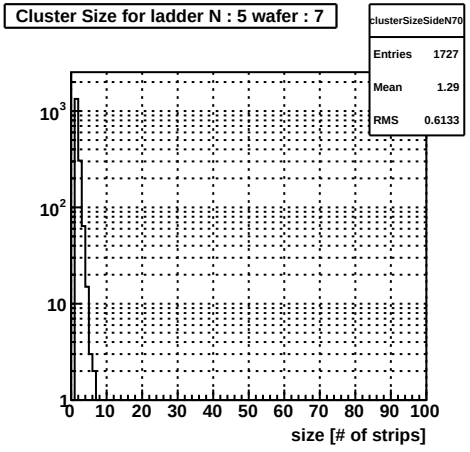

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 706
Mean 1.227
RMS 0.4786
size [# of strips]

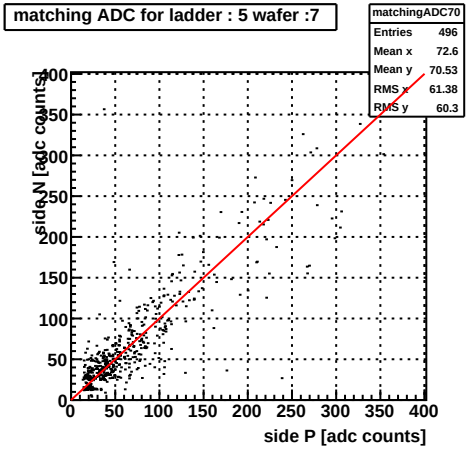

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 338
Mean x 87.28
Mean y 94.23
RMS x 62.25
RMS y 68.86
side N [adc counts]
side P [adc counts]

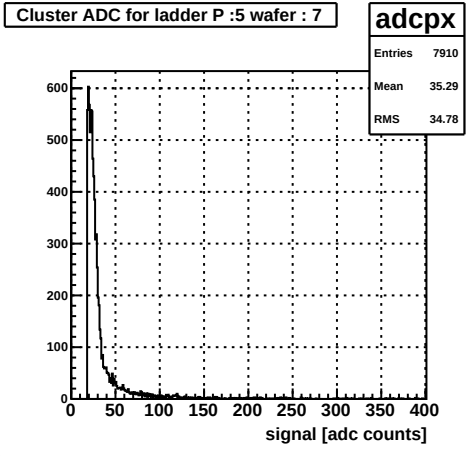

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 9095
Mean 40.43
RMS 30.95
signal [adc counts]

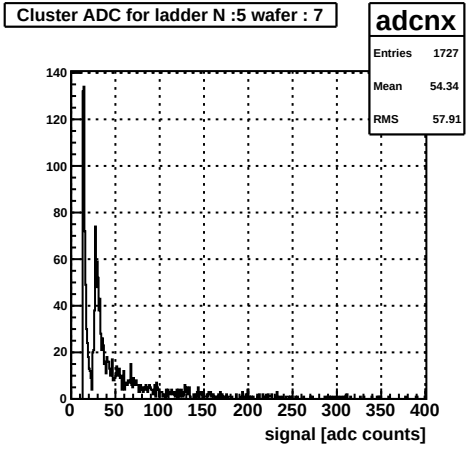

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 706
Mean 85.88
RMS 62.87
signal [adc counts]

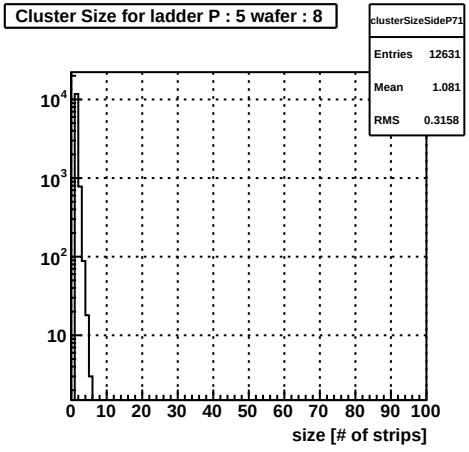

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 7910
Mean 1.093
RMS 0.3457
size [# of strips]

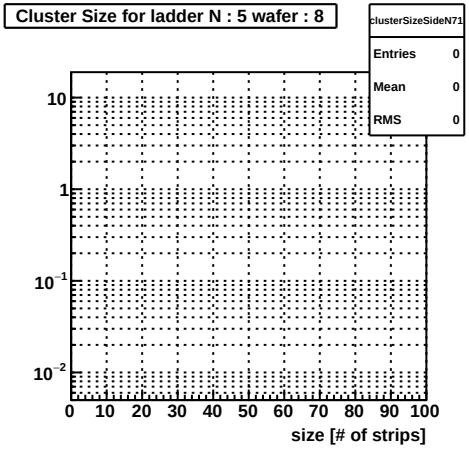

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1727
Mean 1.29
RMS 0.6133
size [# of strips]

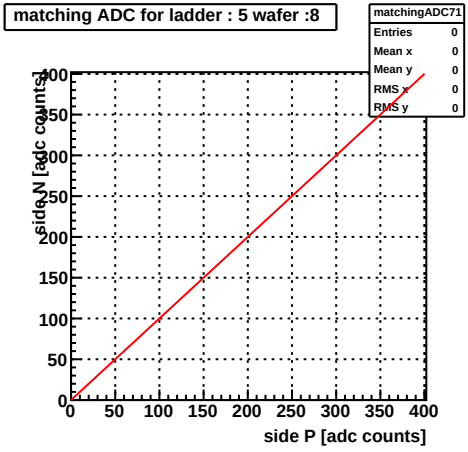

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 496
Mean x 72.6
Mean y 70.53
RMS x 61.38
RMS y 60.3
side N [adc counts]
side P [adc counts]

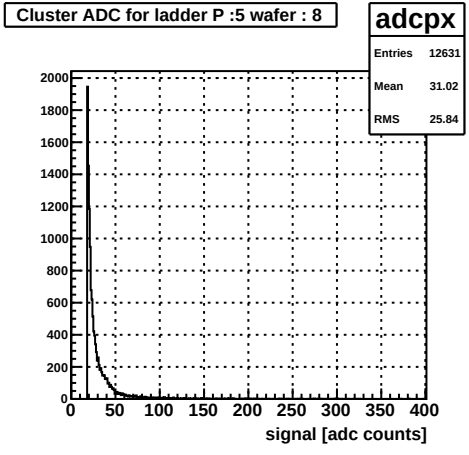

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 7910
Mean 35.29
RMS 34.78
signal [adc counts]

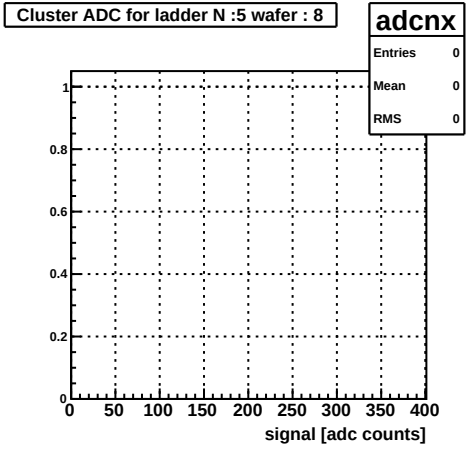

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1727
Mean 54.34
RMS 57.91
signal [adc counts]

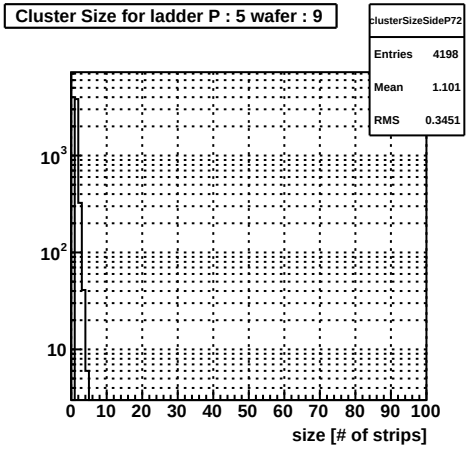

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 12631
Mean 1.081
RMS 0.3158
size [# of strips]

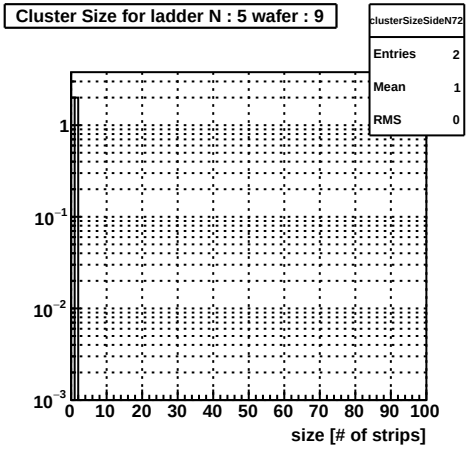

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

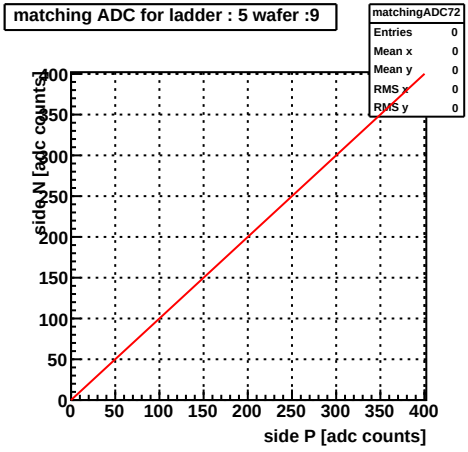

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

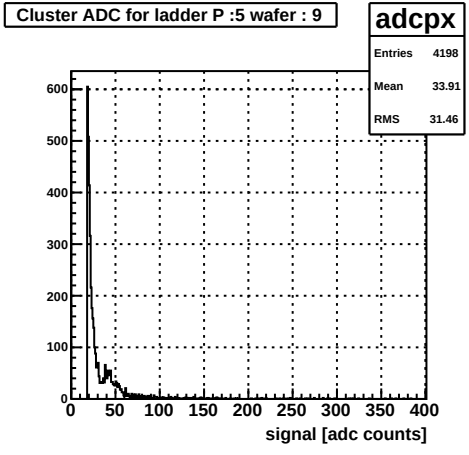

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 12631
Mean 31.02
RMS 25.84
signal [adc counts]

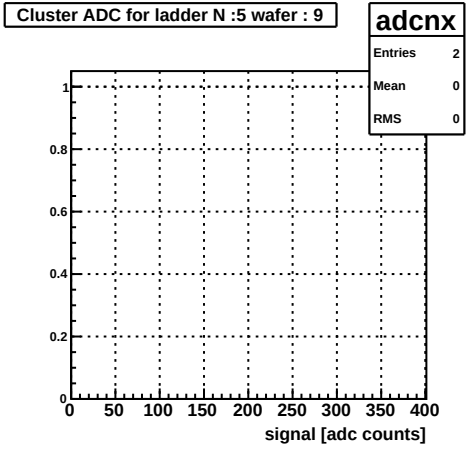

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

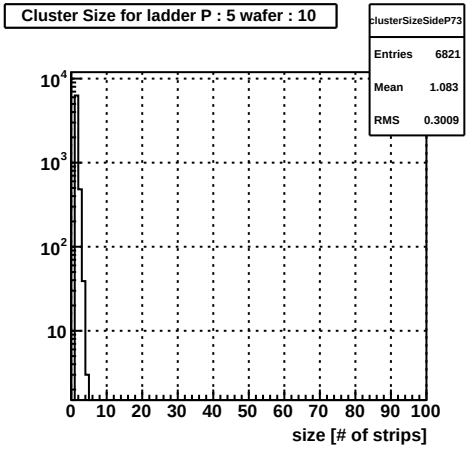

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4198
Mean 1.101
RMS 0.3451
size [# of strips]

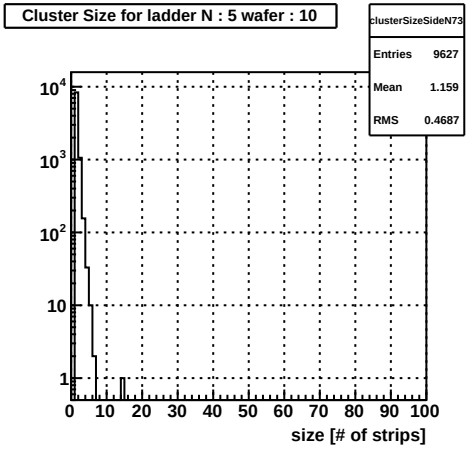

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 2
Mean 1
RMS 0
size [# of strips]

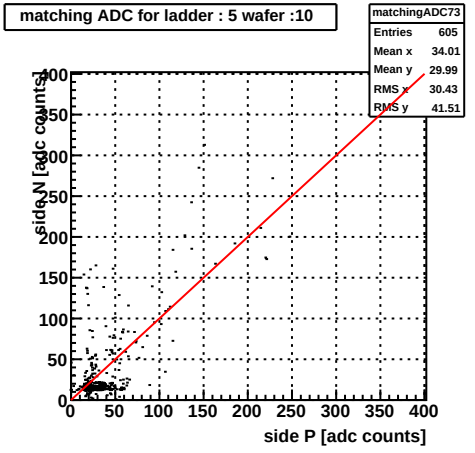

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

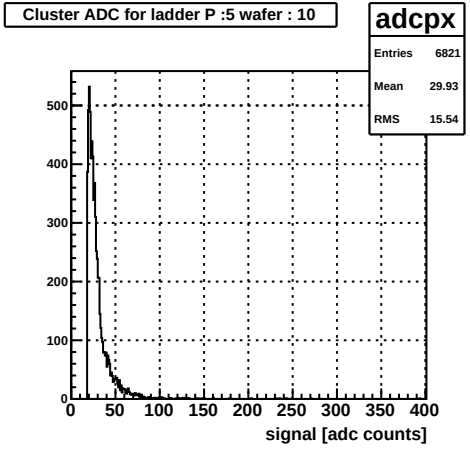

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4198
Mean 33.91
RMS 31.46
signal [adc counts]

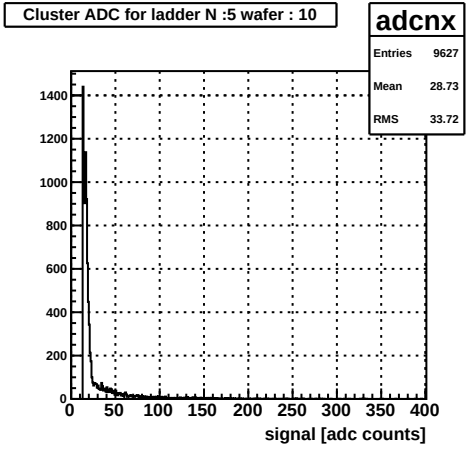

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

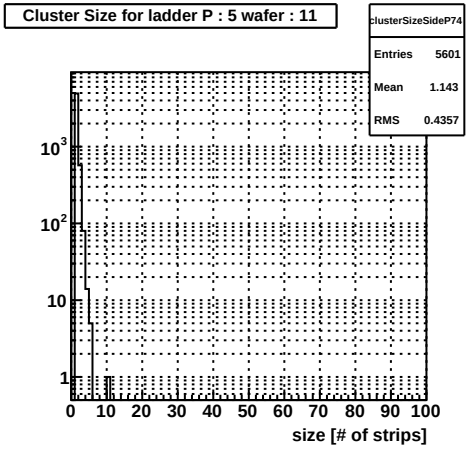

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 6821
Mean 1.083
RMS 0.3009
size [# of strips]

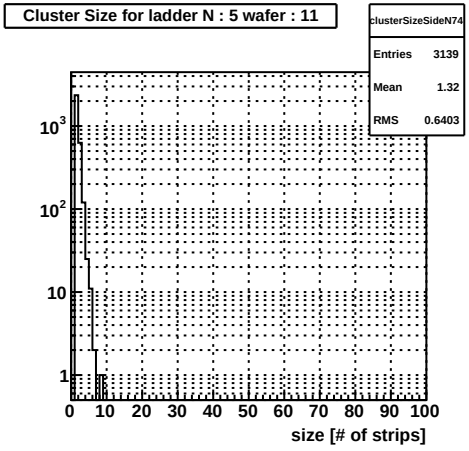

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 9627
Mean 1.159
RMS 0.4687
size [# of strips]

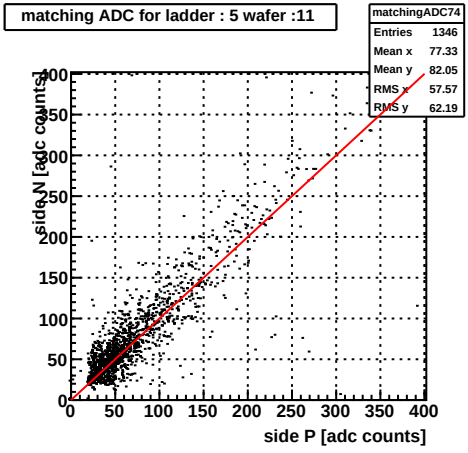

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 605
Mean x 34.01
Mean y 29.99
RMS x 30.43
RMS y 41.51
side N [adc counts]
side P [adc counts]

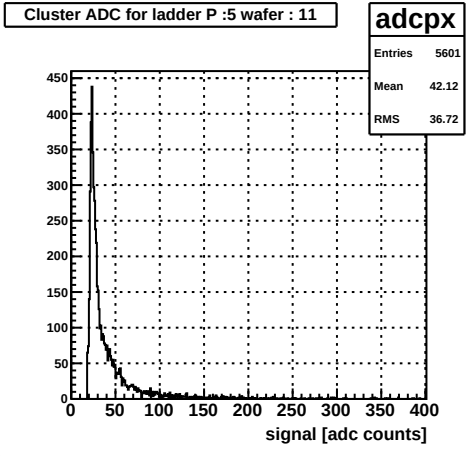

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 6821
Mean 29.93
RMS 15.54
signal [adc counts]

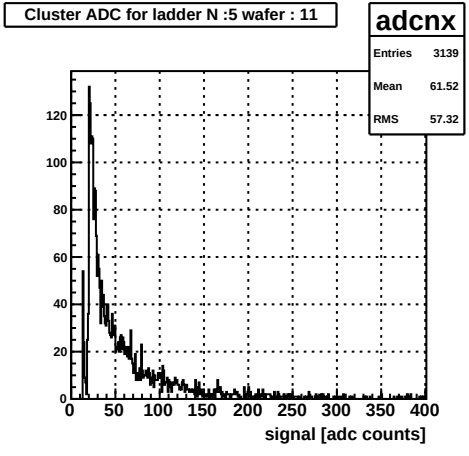

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 9627
Mean 28.73
RMS 33.72
signal [adc counts]

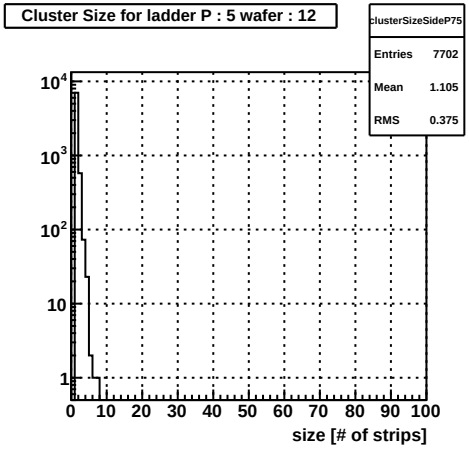

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 5601
Mean 1.143
RMS 0.4357
size [# of strips]

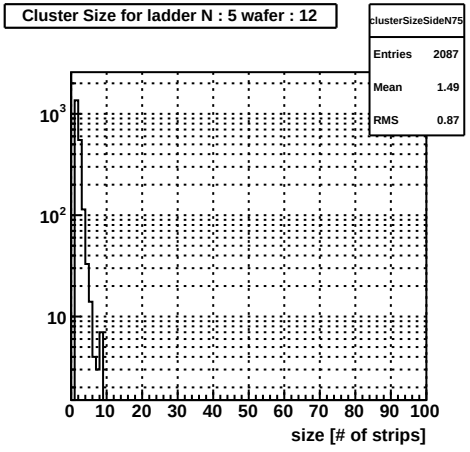

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3139
Mean 1.32
RMS 0.6403
size [# of strips]

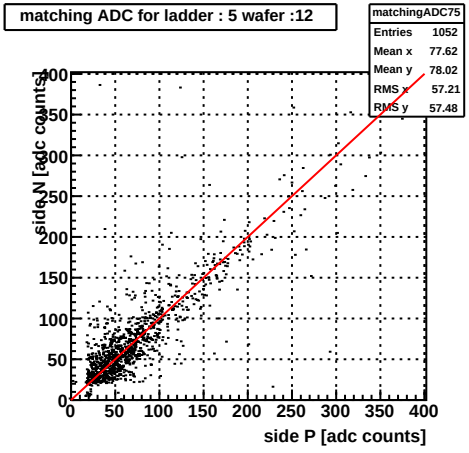

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1346
Mean x 77.33
Mean y 82.05
RMS x 57.57
RMS y 62.19
side N [adc counts]
side P [adc counts]

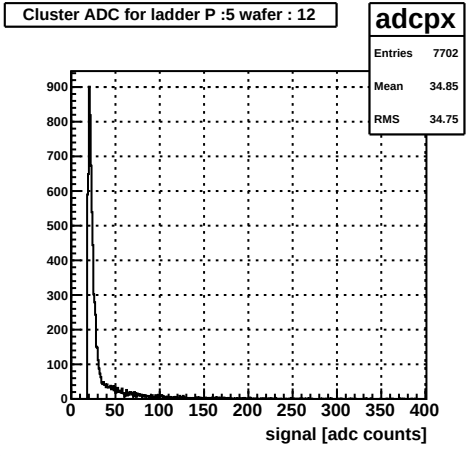

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 5601
Mean 42.12
RMS 36.72
signal [adc counts]

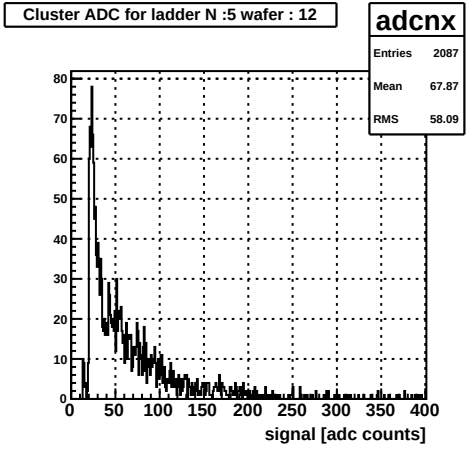

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3139
Mean 61.52
RMS 57.32
signal [adc counts]

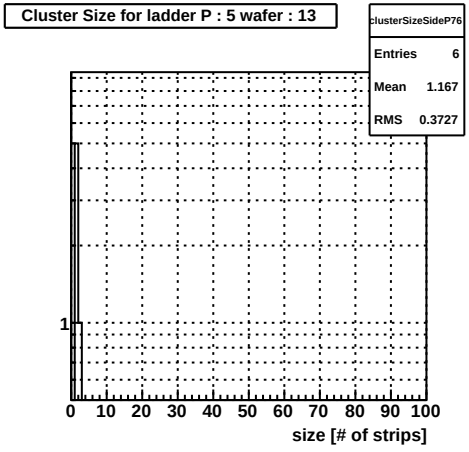

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 7702
Mean 1.105
RMS 0.375
size [# of strips]

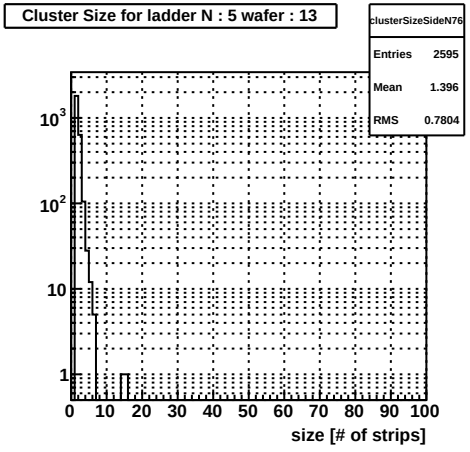

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2087
Mean 1.49
RMS 0.87
size [# of strips]

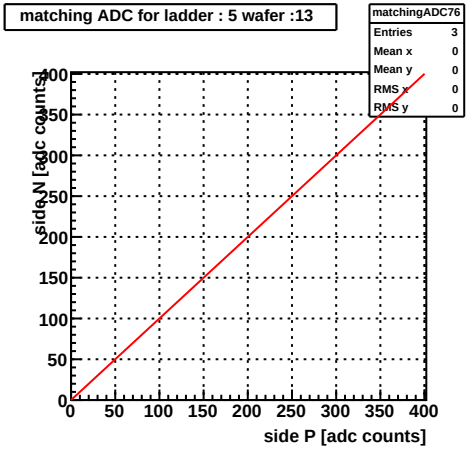

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 1052
Mean x 77.62
Mean y 78.02
RMS x 57.21
RMS y 57.48
side N [adc counts]
side P [adc counts]

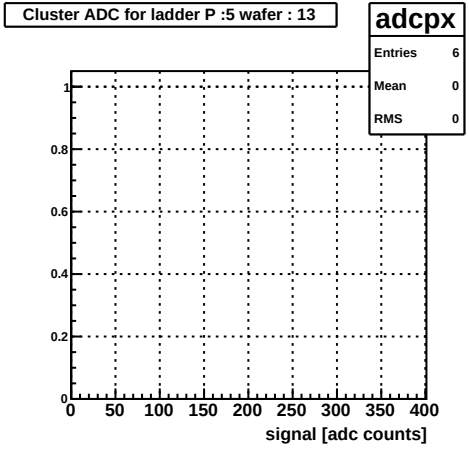

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 7702
Mean 34.85
RMS 34.75
signal [adc counts]

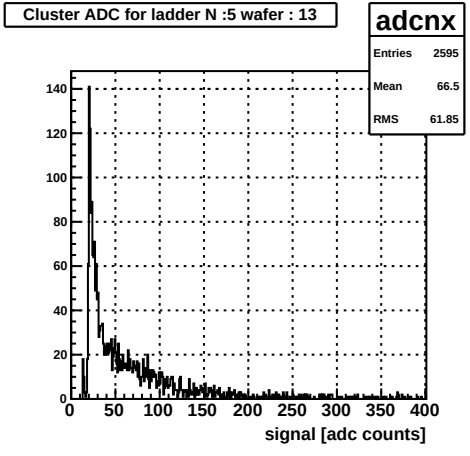

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2087
Mean 67.87
RMS 58.09
signal [adc counts]

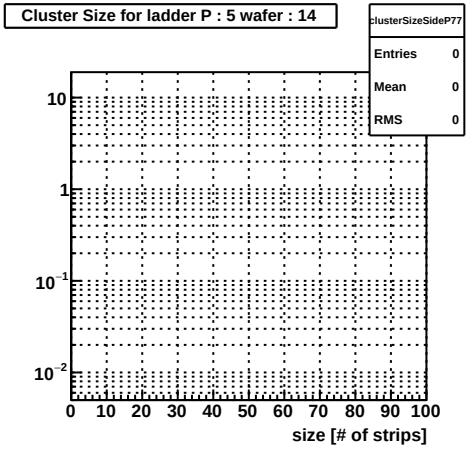

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 6
Mean 1.167
RMS 0.3727
size [# of strips]

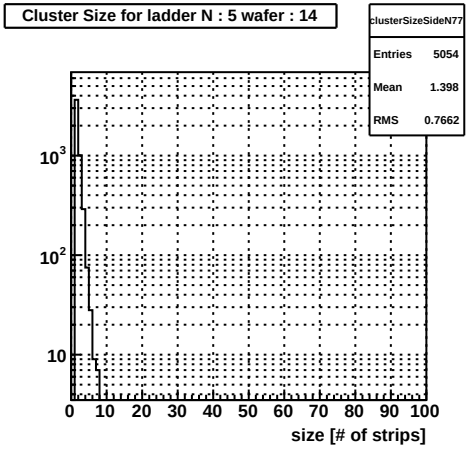

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2595
Mean 1.396
RMS 0.7804
size [# of strips]

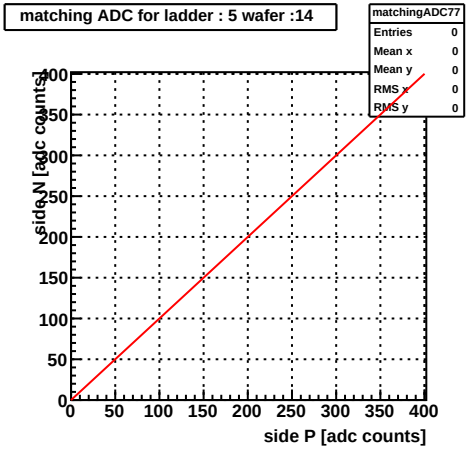

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

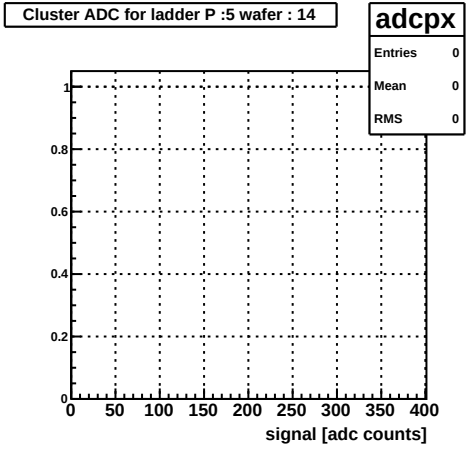

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 6
Mean 0
RMS 0
signal [adc counts]

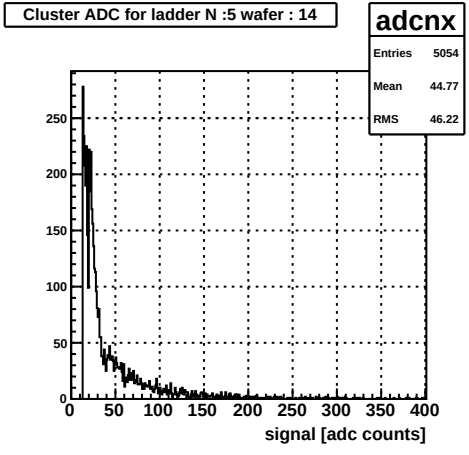

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2595
Mean 66.5
RMS 61.85
signal [adc counts]

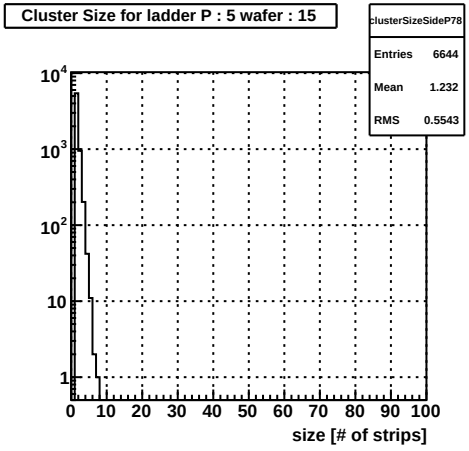

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

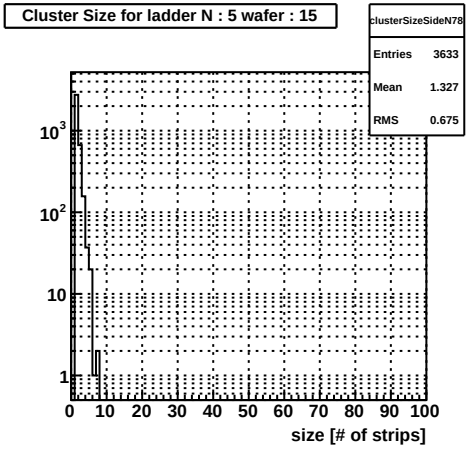

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 5054
Mean 1.398
RMS 0.7662
size [# of strips]

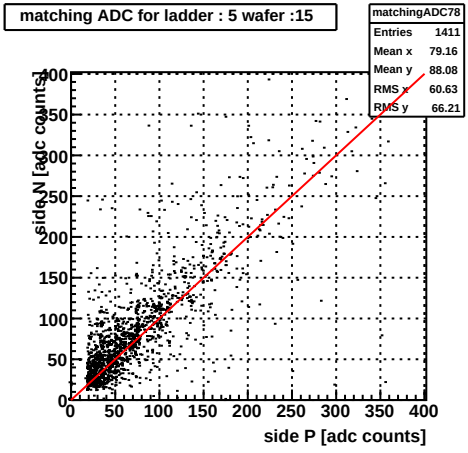

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

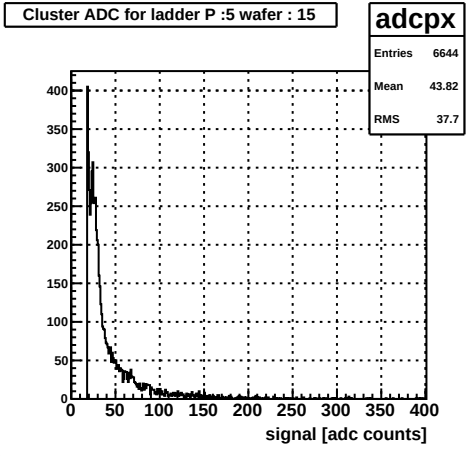

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

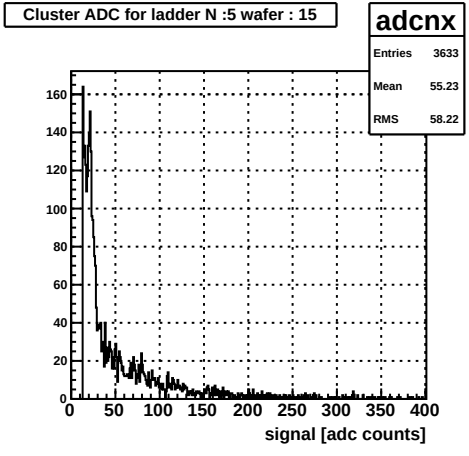

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 5054
Mean 44.77
RMS 46.22
signal [adc counts]

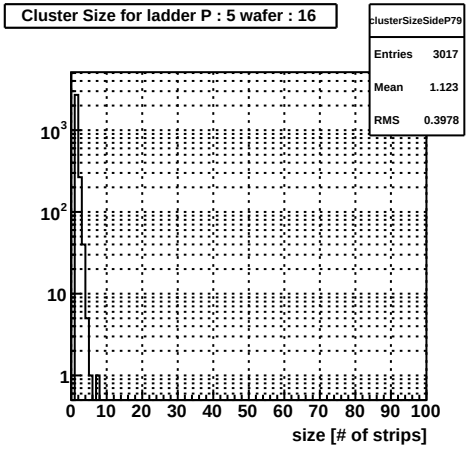

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 6644
Mean 1.232
RMS 0.5543
size [# of strips]

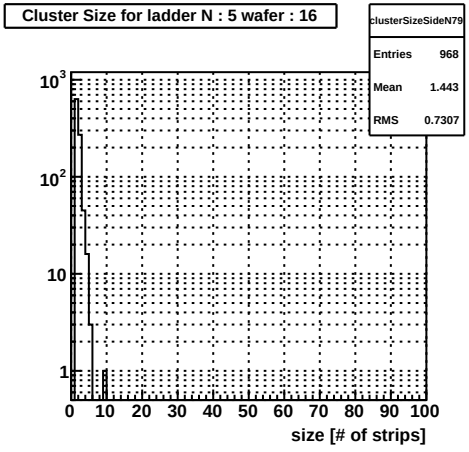

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3633
Mean 1.327
RMS 0.675
size [# of strips]

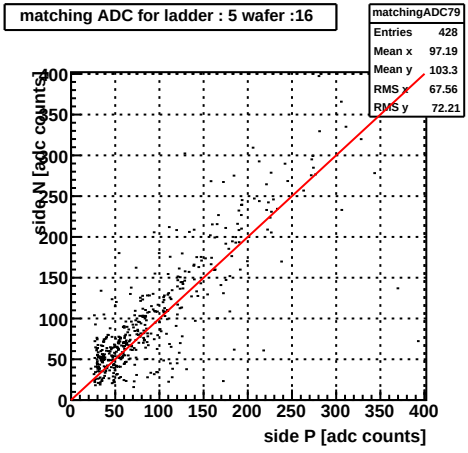

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1411
Mean x 79.16
Mean y 88.08
RMS x 60.63
RMS y 66.21
side N [adc counts]
side P [adc counts]

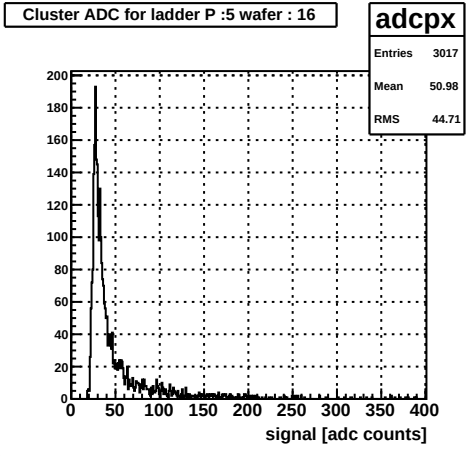

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 6644
Mean 43.82
RMS 37.7
signal [adc counts]

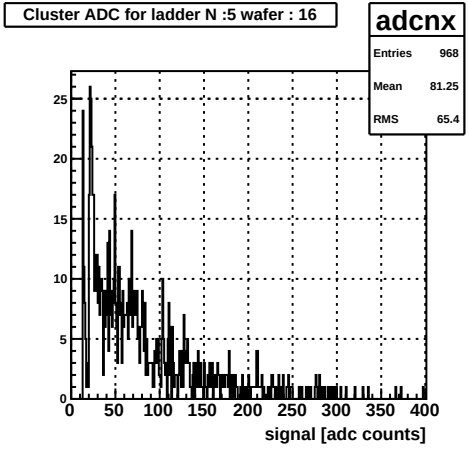

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3633
Mean 55.23
RMS 58.22
signal [adc counts]

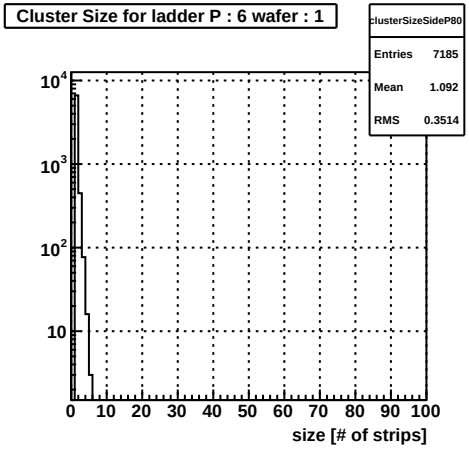

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 3017
Mean 1.123
RMS 0.3978
size [# of strips]

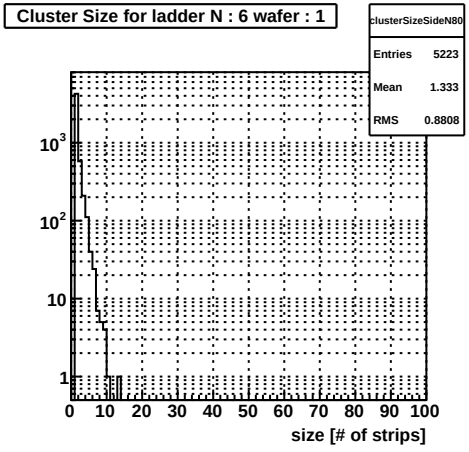

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 968
Mean 1.443
RMS 0.7307
size [# of strips]

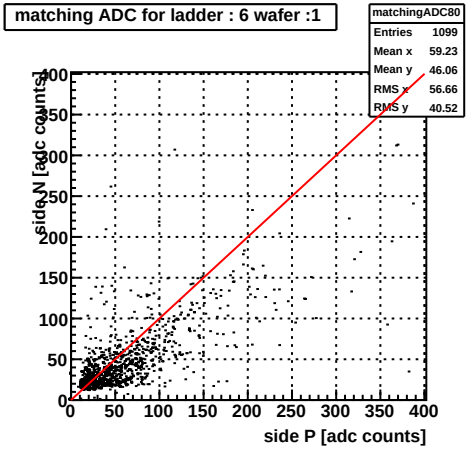

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 428
Mean x 97.19
Mean y 103.3
RMS x 67.56
RMS y 72.21
side N [adc counts]
side P [adc counts]

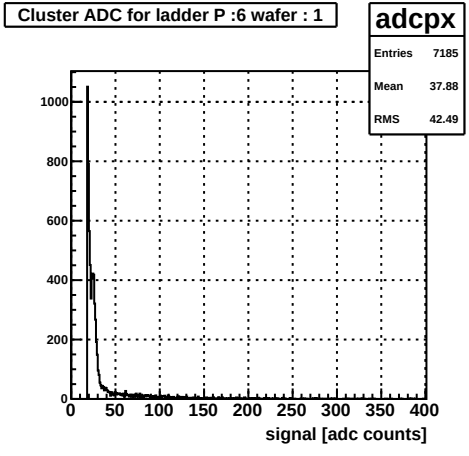

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 3017
Mean 50.98
RMS 44.71
signal [adc counts]

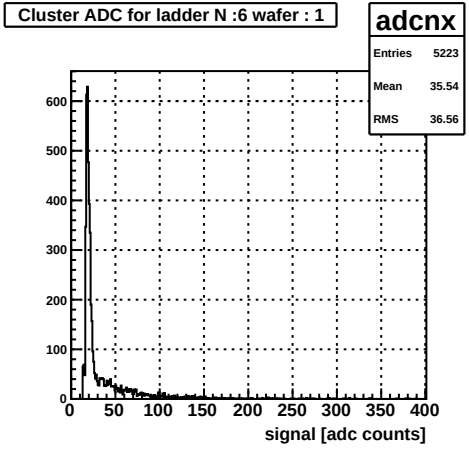

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 968
Mean 81.25
RMS 65.4
signal [adc counts]

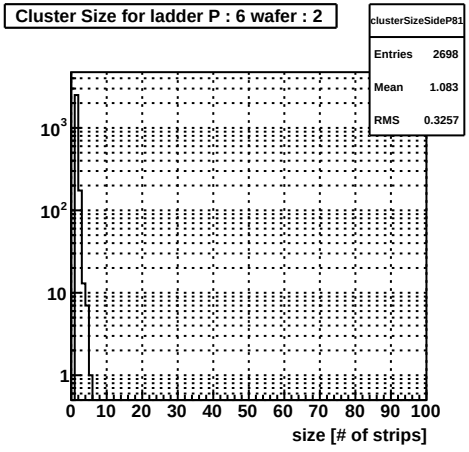

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 7185
Mean 1.092
RMS 0.3514
size [# of strips]

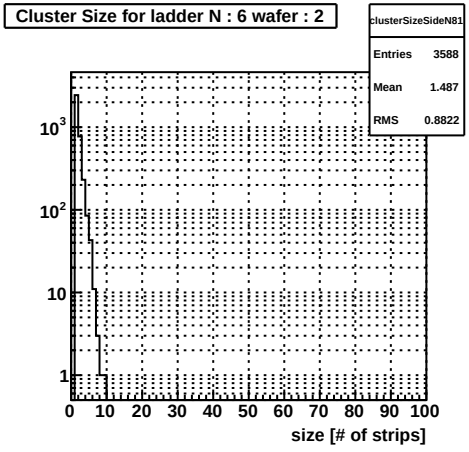

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 5223
Mean 1.333
RMS 0.8808
size [# of strips]

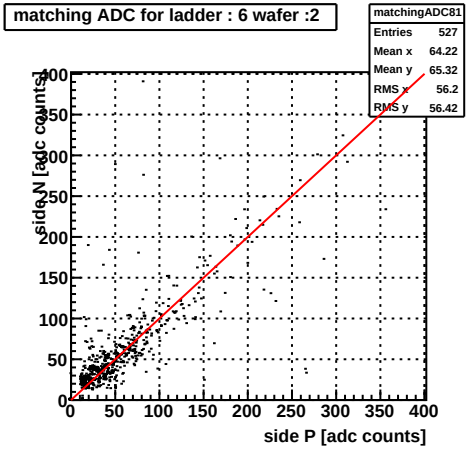

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1099
Mean x 59.23
Mean y 46.06
RMS x 56.66
RMS y 40.52
side N [adc counts]
side P [adc counts]

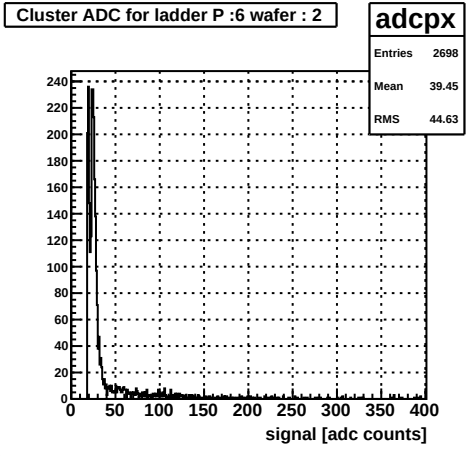

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 7185
Mean 37.88
RMS 42.49
signal [adc counts]

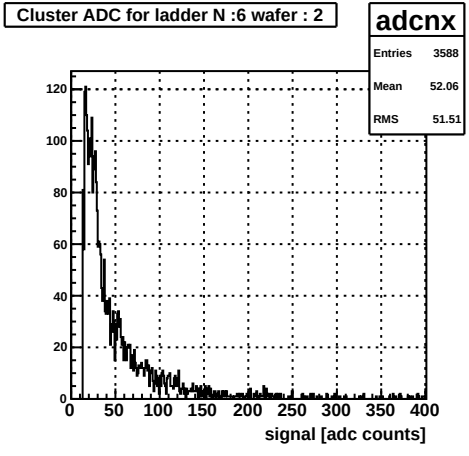

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 5223
Mean 35.54
RMS 36.56
signal [adc counts]

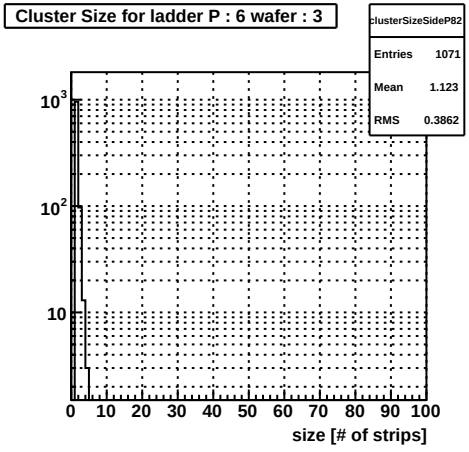

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 2698
Mean 1.083
RMS 0.3257
size [# of strips]

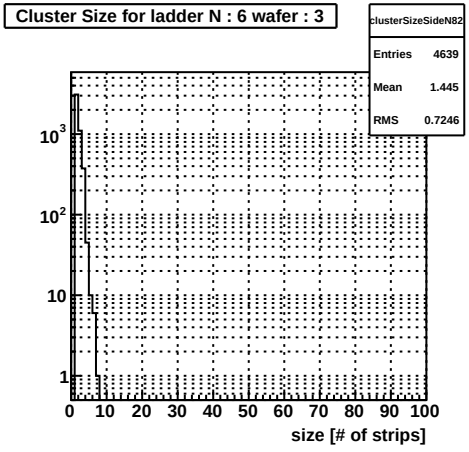

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3588
Mean 1.487
RMS 0.8822
size [# of strips]

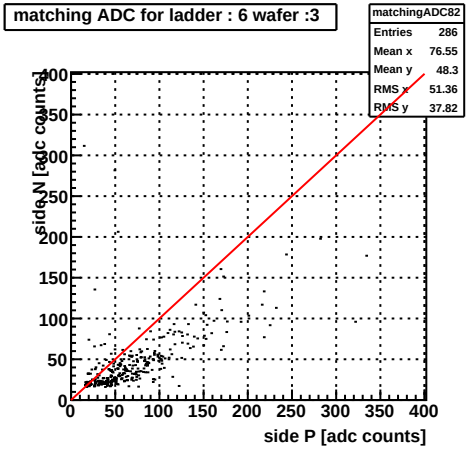

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 527
Mean x 64.22
Mean y 65.32
RMS x 56.2
RMS y 56.42
side N [adc counts]
side P [adc counts]

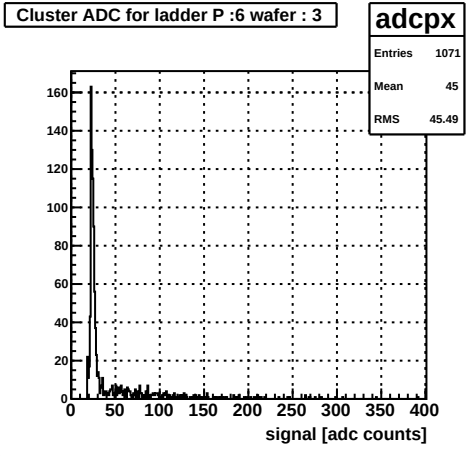

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 2698
Mean 39.45
RMS 44.63
signal [adc counts]

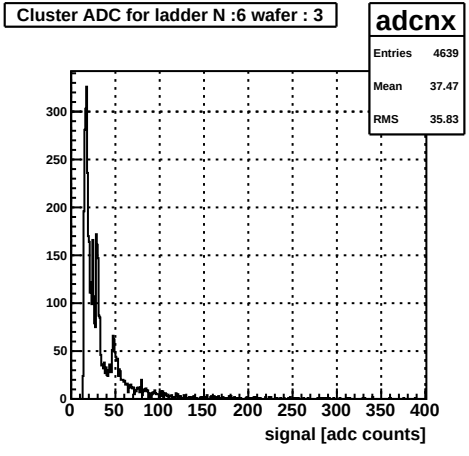

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3588
Mean 52.06
RMS 51.51
signal [adc counts]

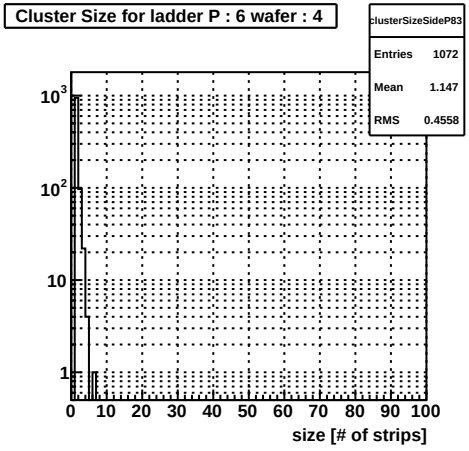

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1071
Mean 1.123
RMS 0.3862
size [# of strips]

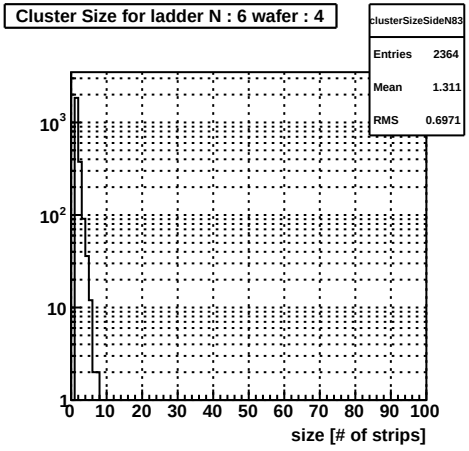

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4639
Mean 1.445
RMS 0.7246
size [# of strips]

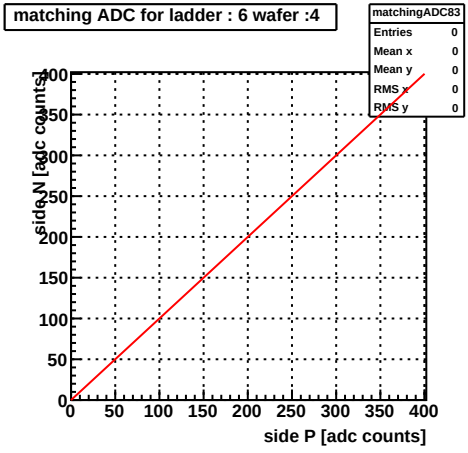

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 286
Mean x 76.55
Mean y 48.3
RMS x 51.36
RMS y 37.82
side N [adc counts]
side P [adc counts]

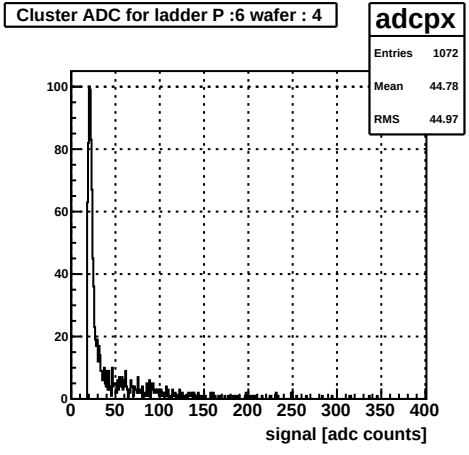

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1071
Mean 45
RMS 45.49
signal [adc counts]

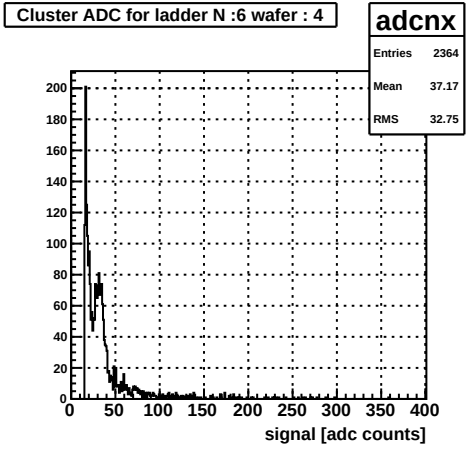

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4639
Mean 37.47
RMS 35.83
signal [adc counts]

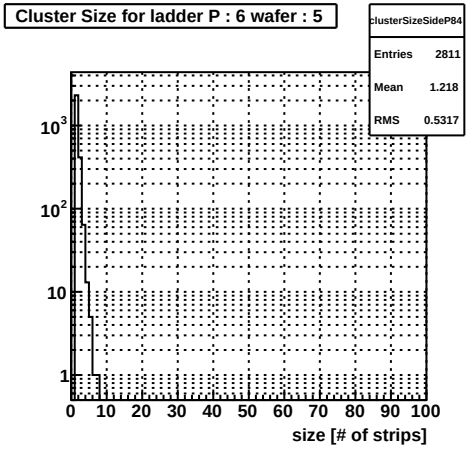

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1072
Mean 1.147
RMS 0.4558
size [# of strips]

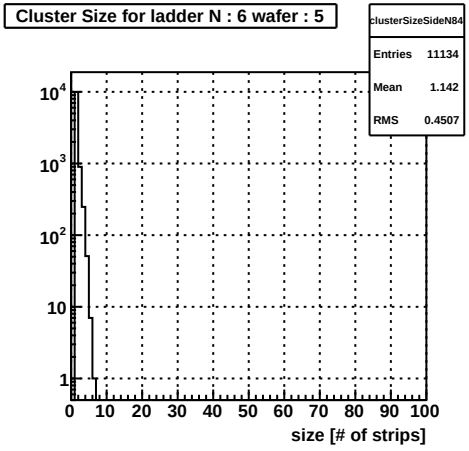

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2364
Mean 1.311
RMS 0.6971
size [# of strips]

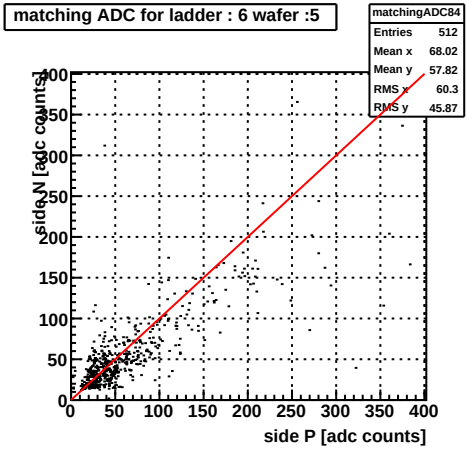

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

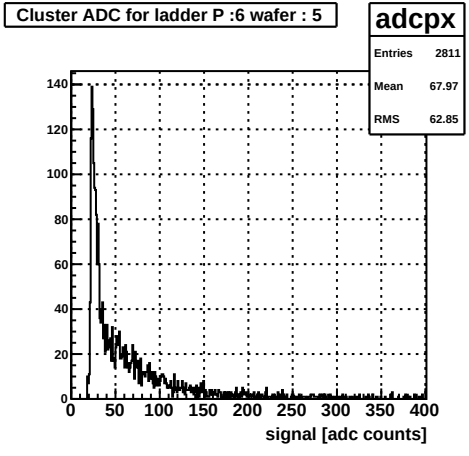

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1072
Mean 44.78
RMS 44.97
signal [adc counts]

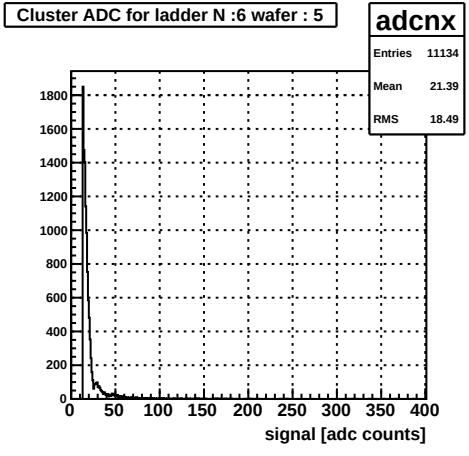

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2364
Mean 37.17
RMS 32.75
signal [adc counts]

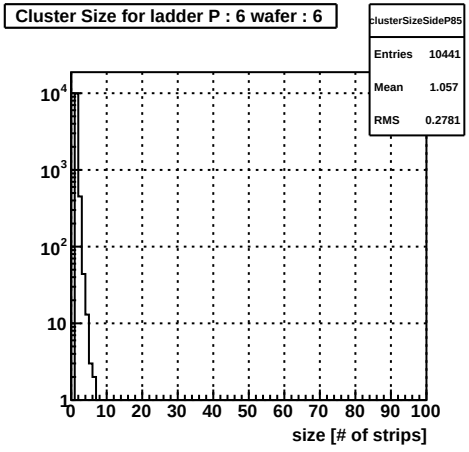

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2811
Mean 1.218
RMS 0.5317
size [# of strips]

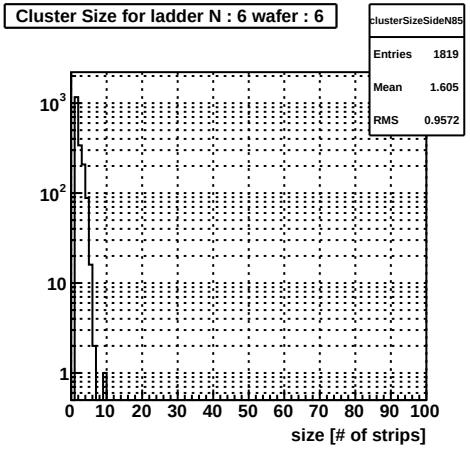

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 11134
Mean 1.142
RMS 0.4507
size [# of strips]

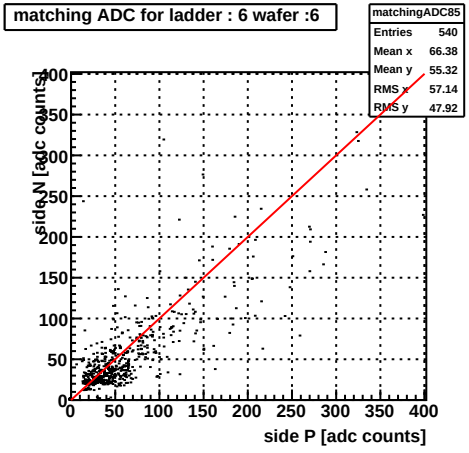

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 512
Mean x 68.02
Mean y 57.82
RMS x 60.3
RMS y 45.87
side N [adc counts]
side P [adc counts]

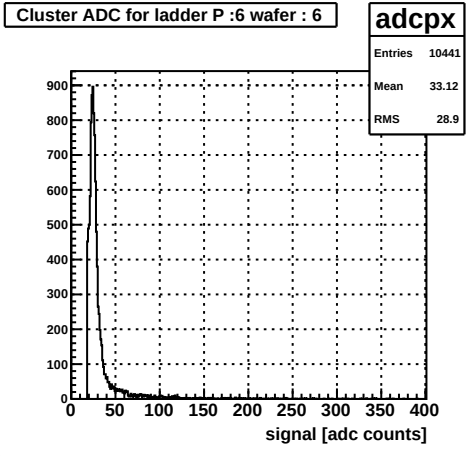

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2811
Mean 67.97
RMS 62.85
signal [adc counts]

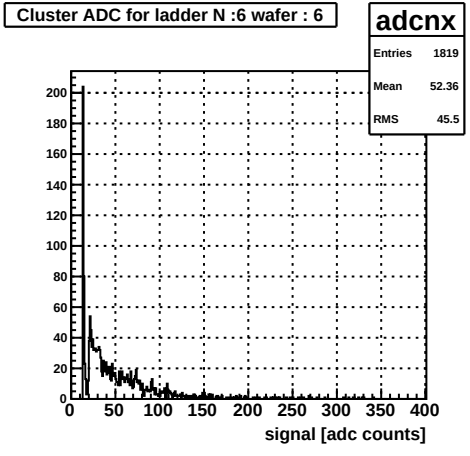

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 11134
Mean 21.39
RMS 18.49
signal [adc counts]

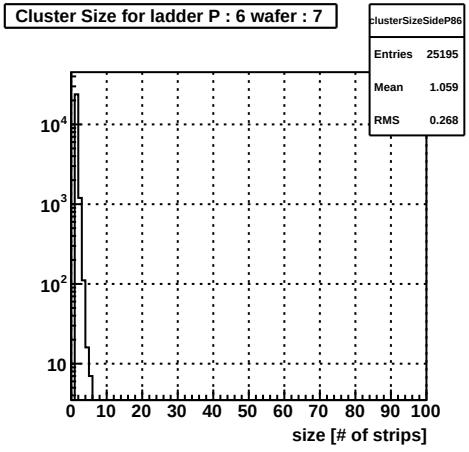

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 10441
Mean 1.057
RMS 0.2781
size [# of strips]

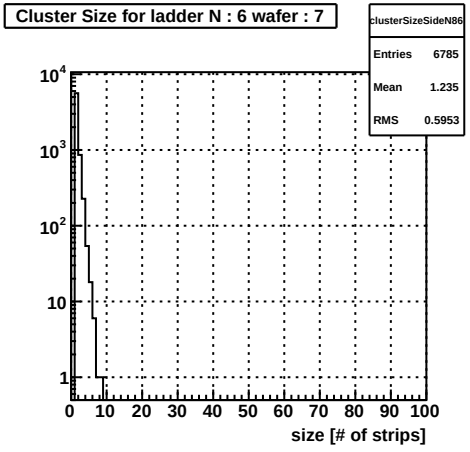

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1819
Mean 1.605
RMS 0.9572
size [# of strips]

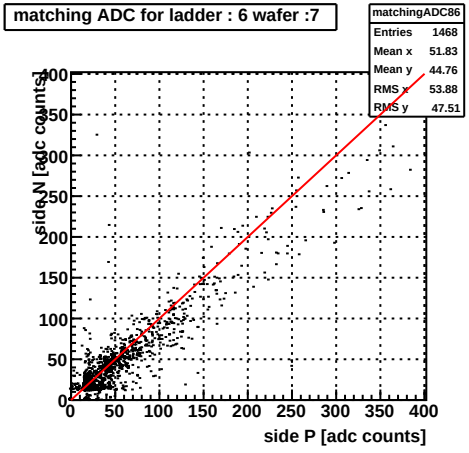

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 540
Mean x 66.38
Mean y 55.32
RMS x 57.14
RMS y 47.92
side N [adc counts]
side P [adc counts]

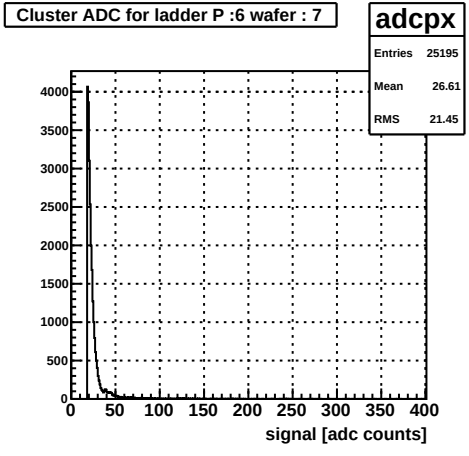

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 10441
Mean 33.12
RMS 28.9
signal [adc counts]

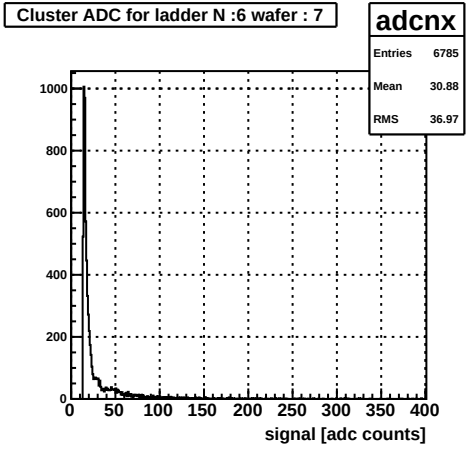

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1819
Mean 52.36
RMS 45.5
signal [adc counts]

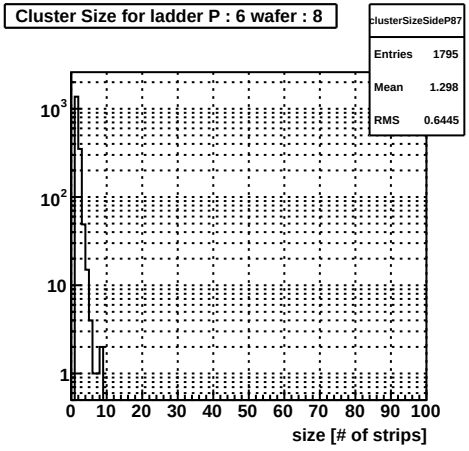

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 25195
Mean 1.059
RMS 0.268
size [# of strips]

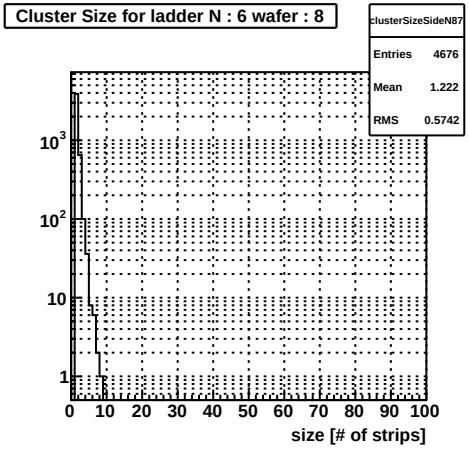

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 6785
Mean 1.235
RMS 0.5953
size [# of strips]

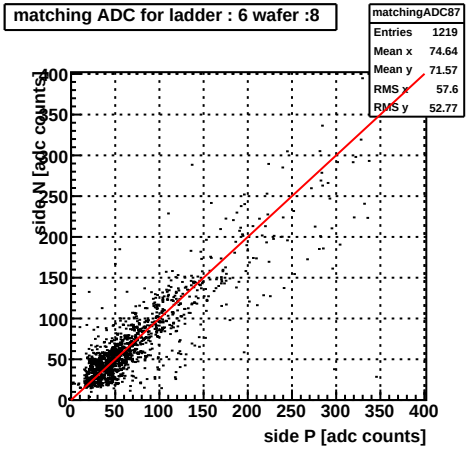

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1468
Mean x 51.83
Mean y 44.76
RMS x 53.88
RMS y 47.51
side N [adc counts]
side P [adc counts]

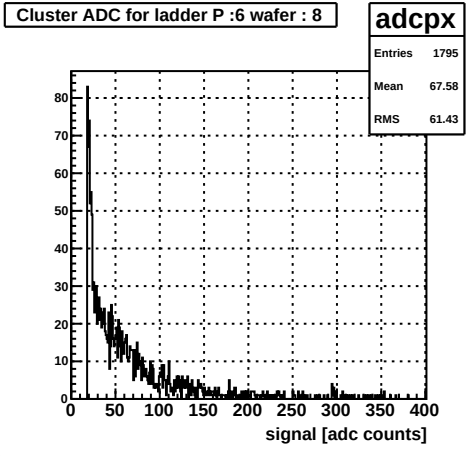

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 25195
Mean 26.61
RMS 21.45
signal [adc counts]

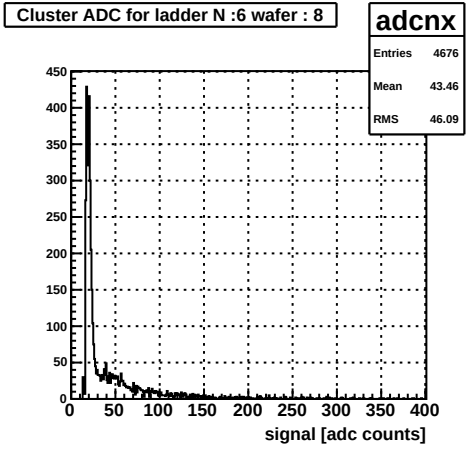

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 6785
Mean 30.88
RMS 36.97
signal [adc counts]

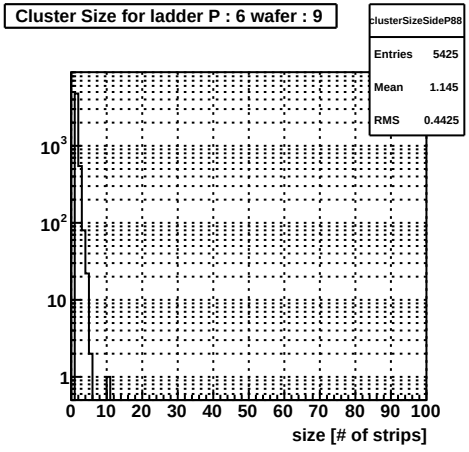

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1795
Mean 1.298
RMS 0.6445
size [# of strips]

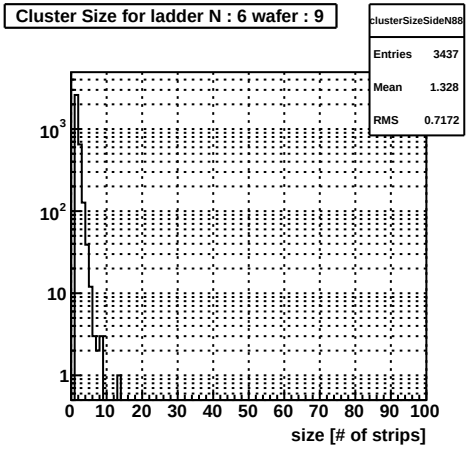

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 4676
Mean 1.222
RMS 0.5742
size [# of strips]

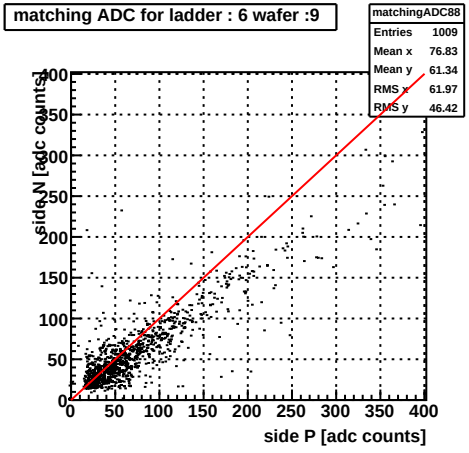

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1219
Mean x 74.64
Mean y 71.57
RMS x 57.6
RMS y 52.77
side N [adc counts]
side P [adc counts]

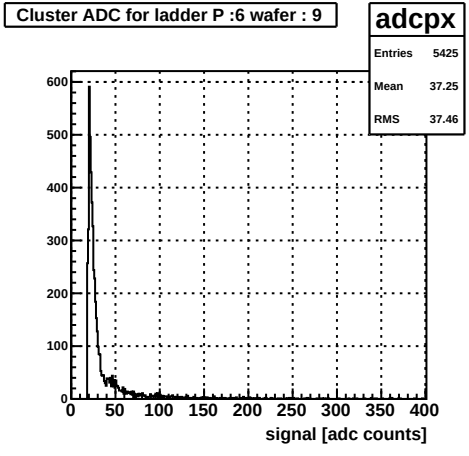

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1795
Mean 67.58
RMS 61.43
signal [adc counts]

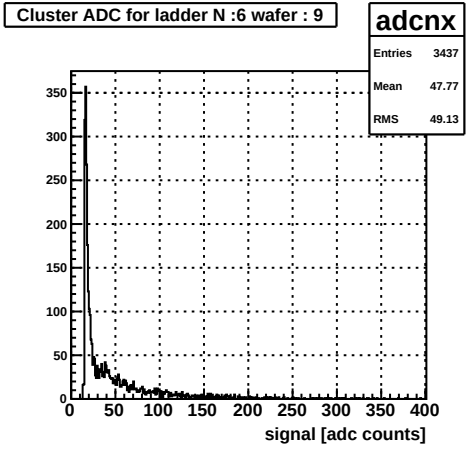

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 4676
Mean 43.46
RMS 46.09
signal [adc counts]

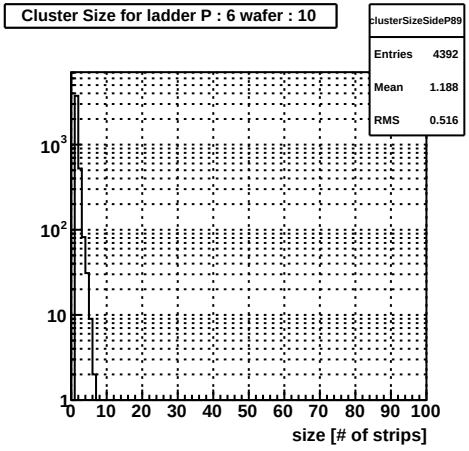

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 5425
Mean 1.145
RMS 0.4425
size [# of strips]

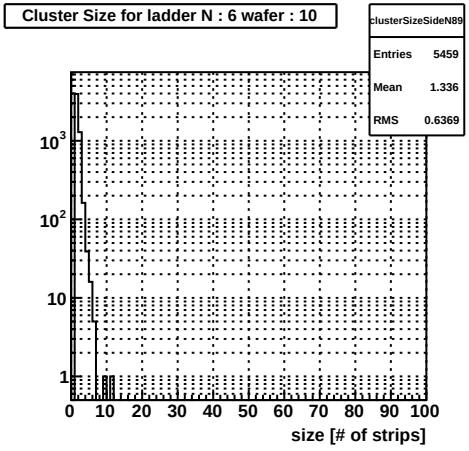

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3437
Mean 1.328
RMS 0.7172
size [# of strips]

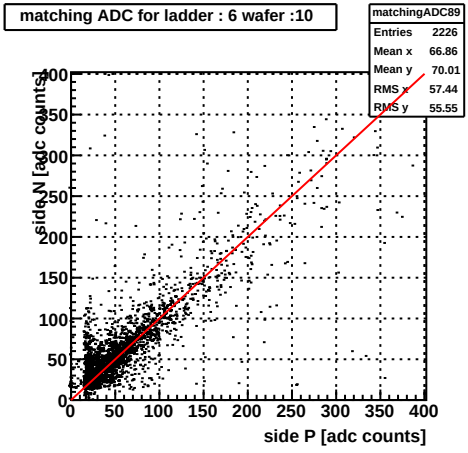

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 1009
Mean x 76.83
Mean y 61.34
RMS x 61.97
RMS y 46.42
side N [adc counts]
side P [adc counts]

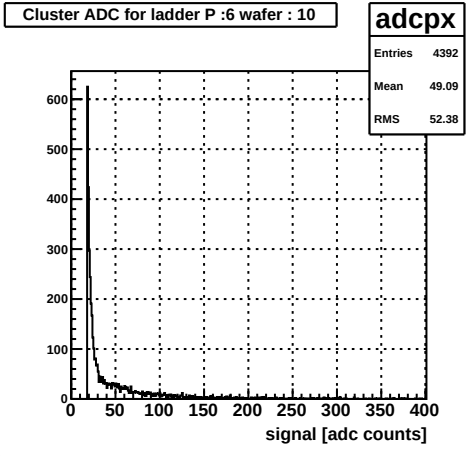

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 5425
Mean 37.25
RMS 37.46
signal [adc counts]

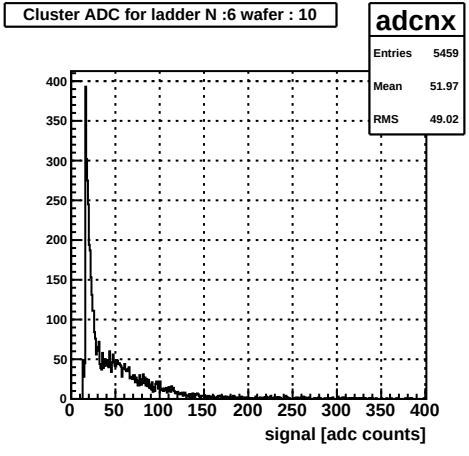

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3437
Mean 47.77
RMS 49.13
signal [adc counts]

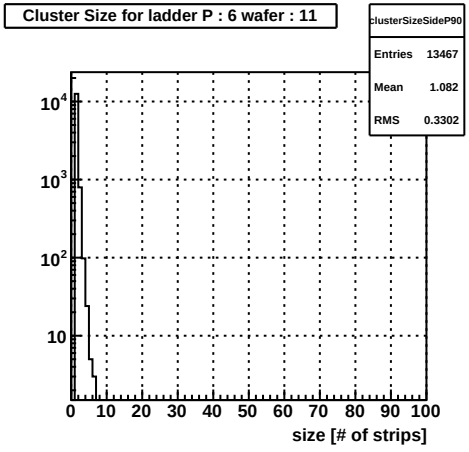

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4392
Mean 1.188
RMS 0.516
size [# of strips]

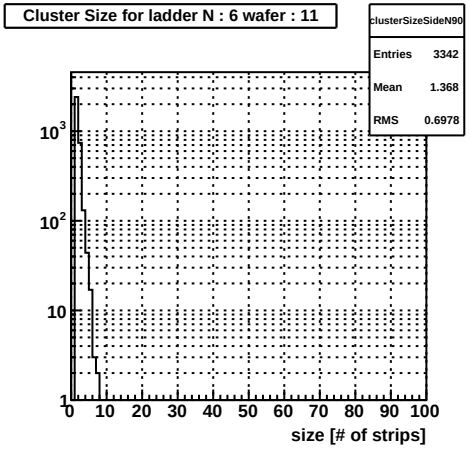

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5459
Mean 1.336
RMS 0.6369
size [# of strips]

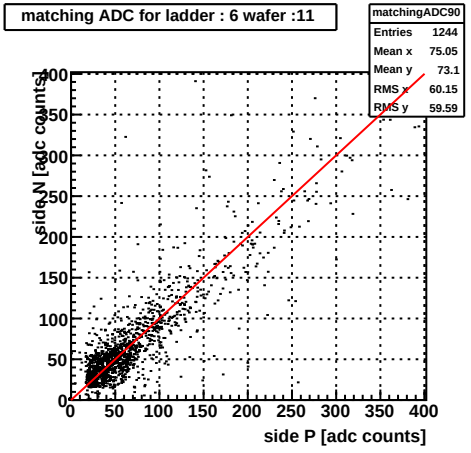

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 2226
Mean x 66.86
Mean y 70.01
RMS x 57.44
RMS y 55.55
side N [adc counts]
side P [adc counts]

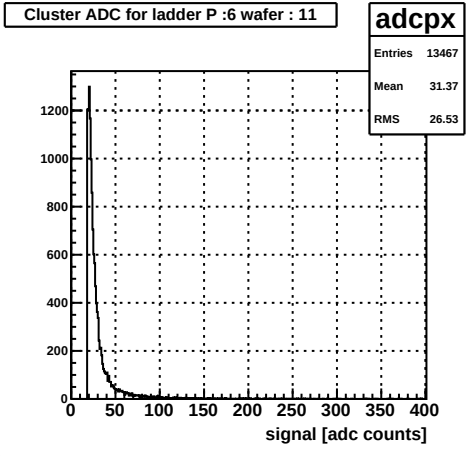

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4392
Mean 49.09
RMS 52.38
signal [adc counts]

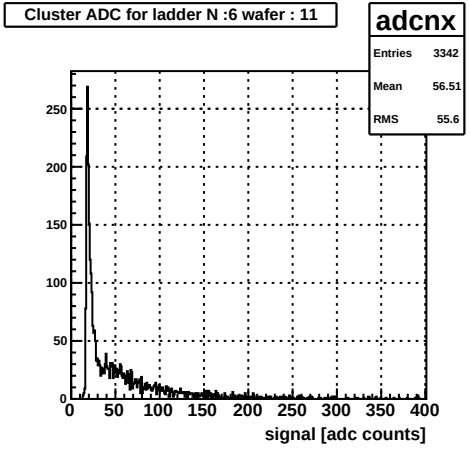

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5459
Mean 51.97
RMS 49.02
signal [adc counts]

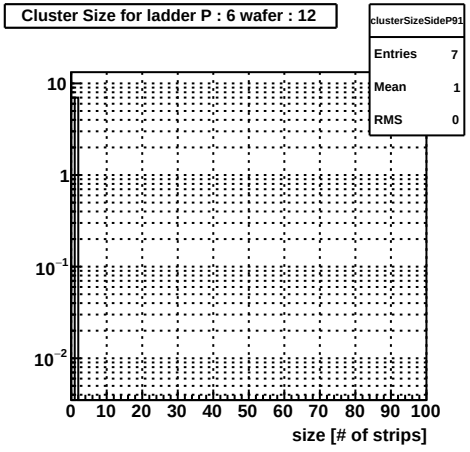

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 13467
Mean 1.082
RMS 0.3302
size [# of strips]

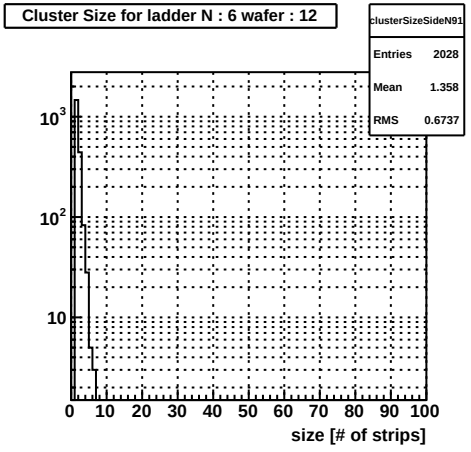

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3342
Mean 1.368
RMS 0.6978
size [# of strips]

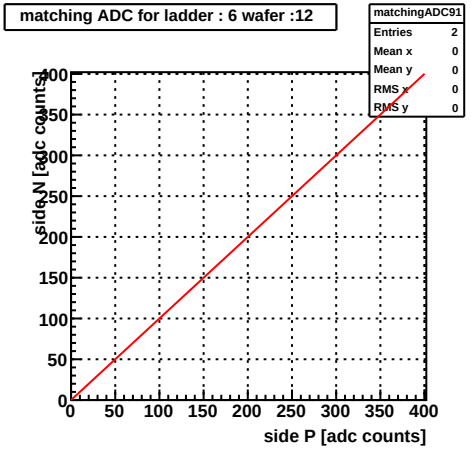

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1244
Mean x 75.05
Mean y 73.1
RMS x 60.15
RMS y 59.59
side N [adc counts]
side P [adc counts]

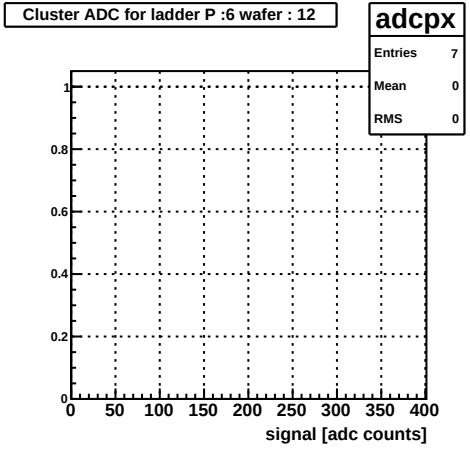

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 13467
Mean 31.37
RMS 26.53
signal [adc counts]

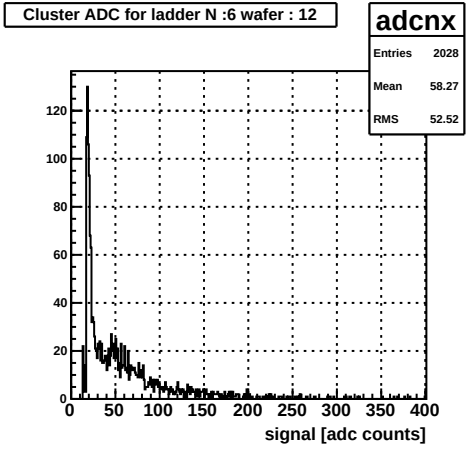

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3342
Mean 56.51
RMS 55.6
signal [adc counts]

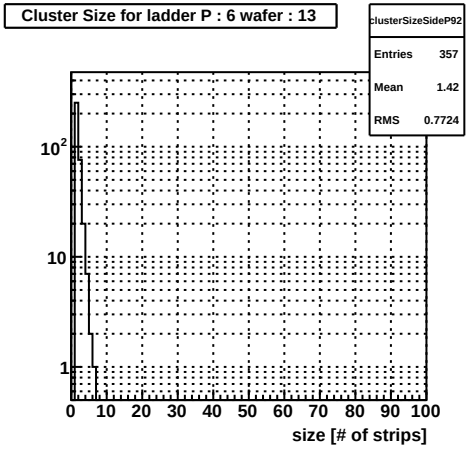

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 7
Mean 1
RMS 0
size [# of strips]

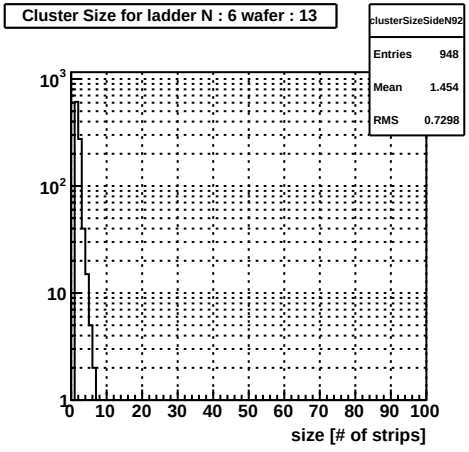

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2028
Mean 1.358
RMS 0.6737
size [# of strips]

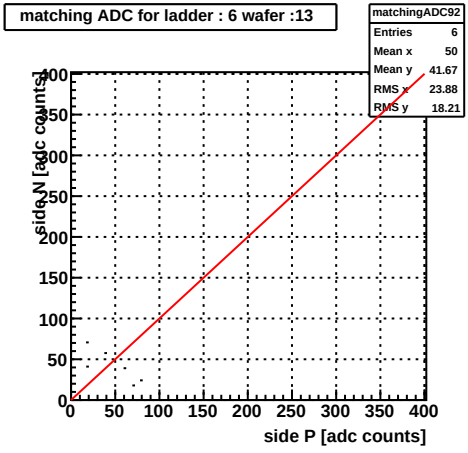

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

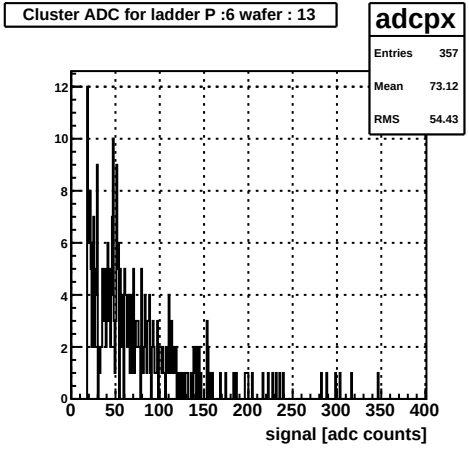

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 7
Mean 0
RMS 0
signal [adc counts]

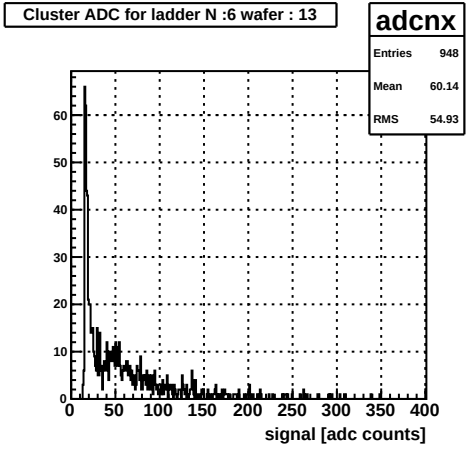

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2028
Mean 58.27
RMS 52.52
signal [adc counts]

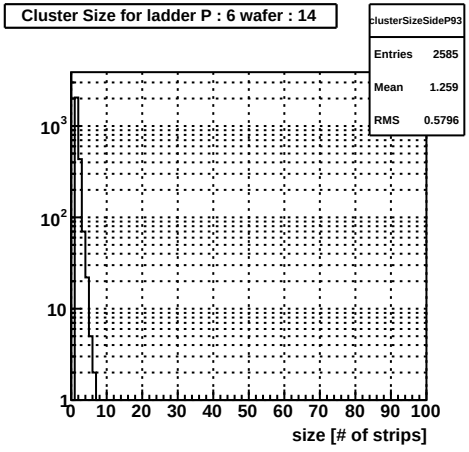

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 357
Mean 1.42
RMS 0.7724
size [# of strips]

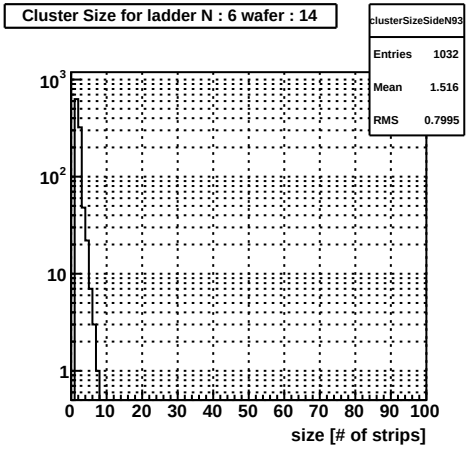

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 948
Mean 1.454
RMS 0.7298
size [# of strips]

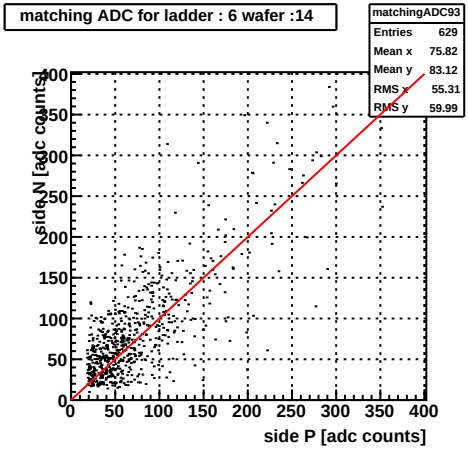

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 6
Mean x 50
Mean y 41.67
RMS x 23.88
RMS y 18.21
side N [adc counts]
side P [adc counts]

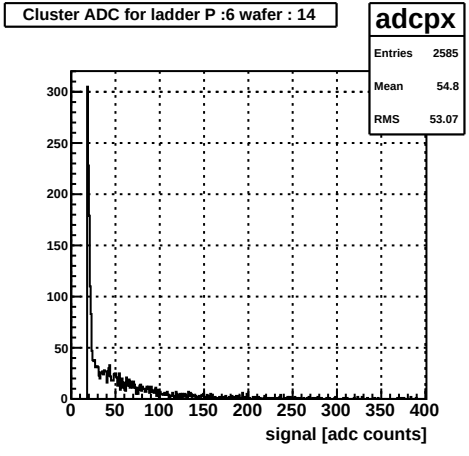

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 357
Mean 73.12
RMS 54.43
signal [adc counts]

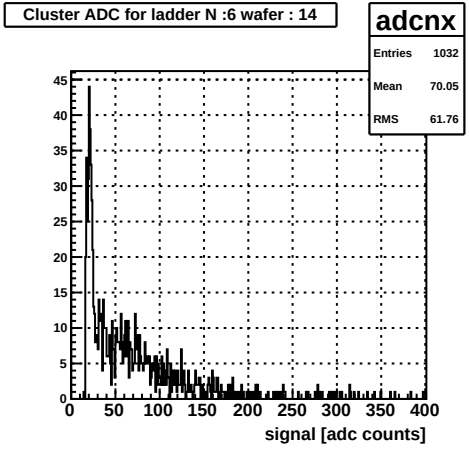

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 948
Mean 60.14
RMS 54.93
signal [adc counts]

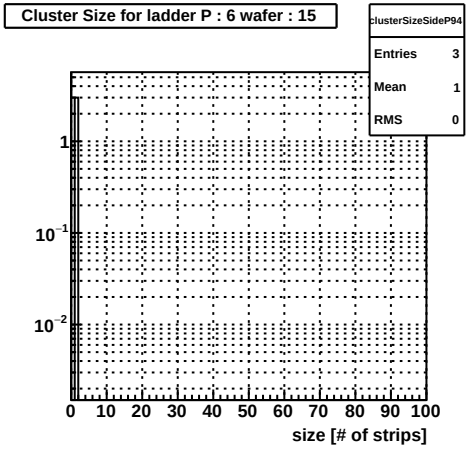

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2585
Mean 1.259
RMS 0.5796
size [# of strips]

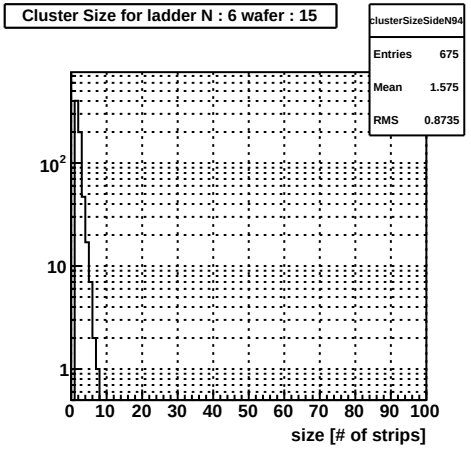

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 1032
Mean 1.516
RMS 0.7995
size [# of strips]

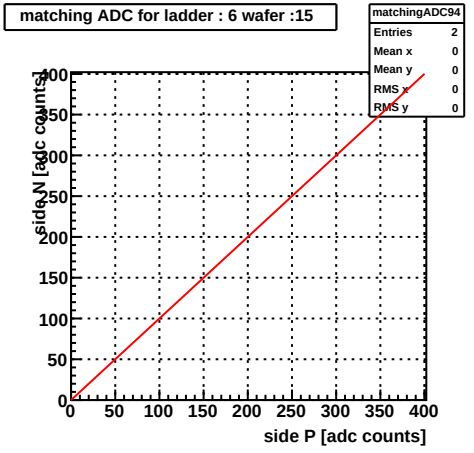

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 629
Mean x 75.82
Mean y 83.12
RMS x 55.31
RMS y 59.99
side N [adc counts]
side P [adc counts]

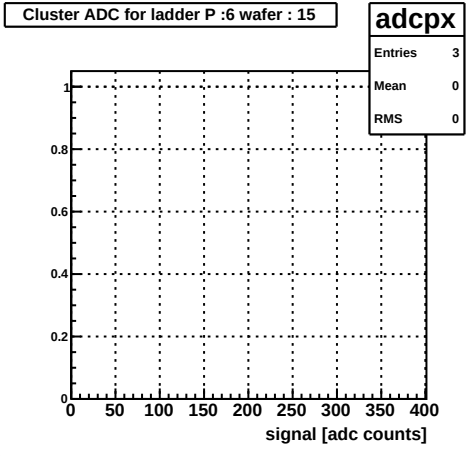

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2585
Mean 54.8
RMS 53.07
signal [adc counts]

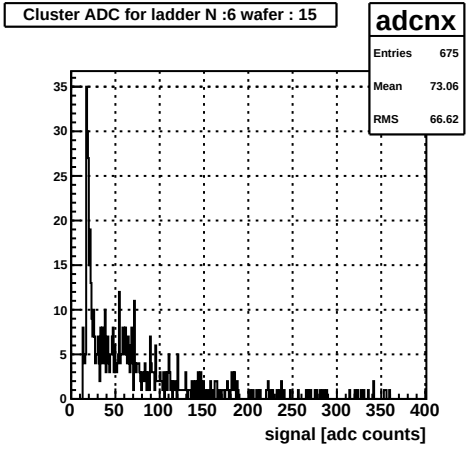

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 1032
Mean 70.05
RMS 61.76
signal [adc counts]

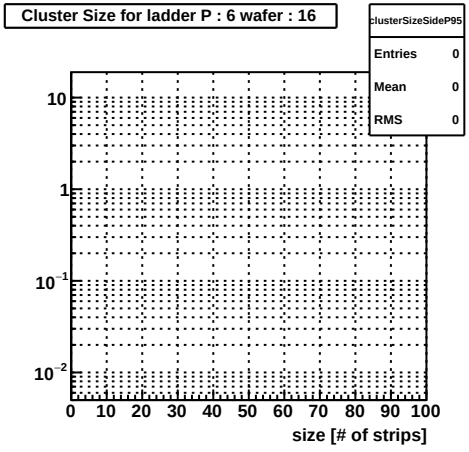

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 3
Mean 1
RMS 0
size [# of strips]

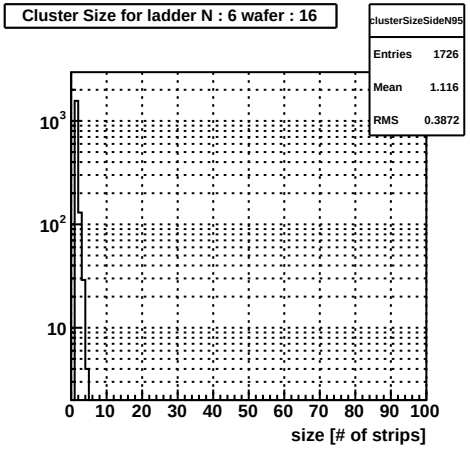

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 675
Mean 1.575
RMS 0.8735
size [# of strips]

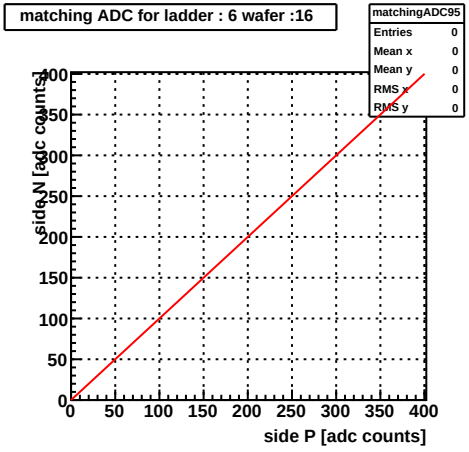

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

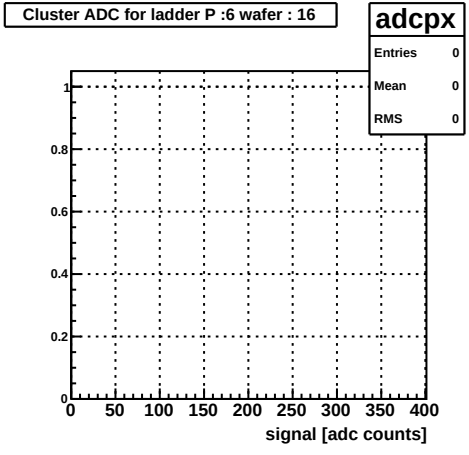

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

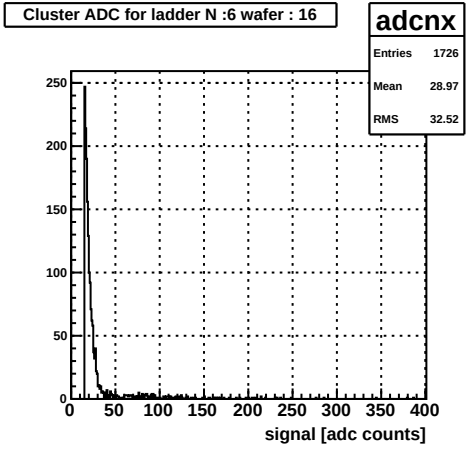

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 675
Mean 73.06
RMS 66.62
signal [adc counts]

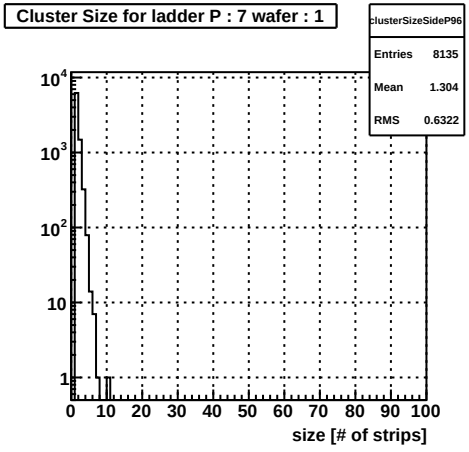

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

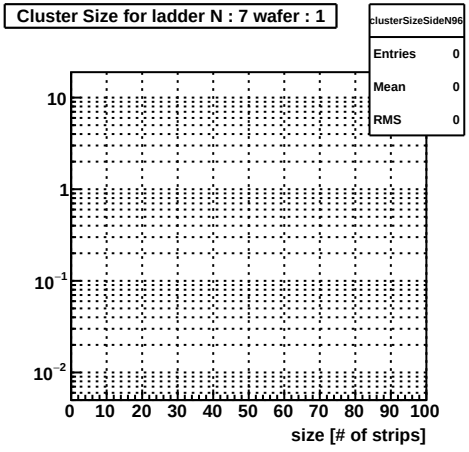

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1726
Mean 1.116
RMS 0.3872
size [# of strips]

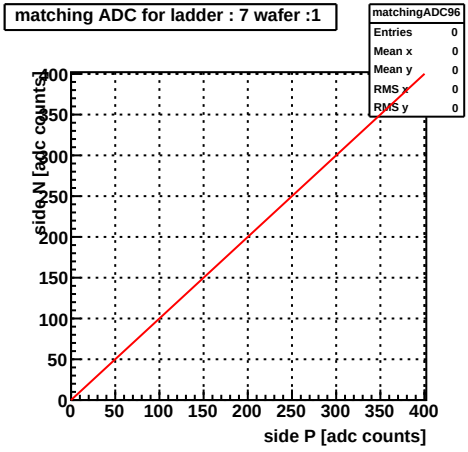

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

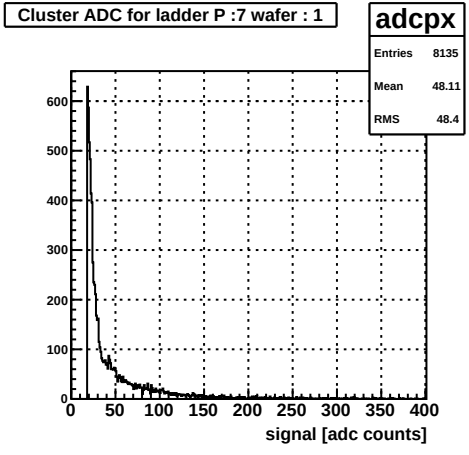

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

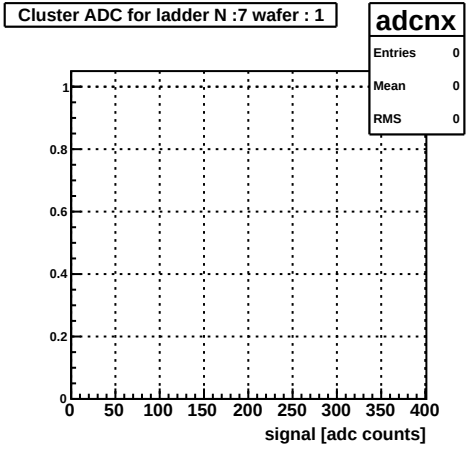

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1726
Mean 28.97
RMS 32.52
signal [adc counts]

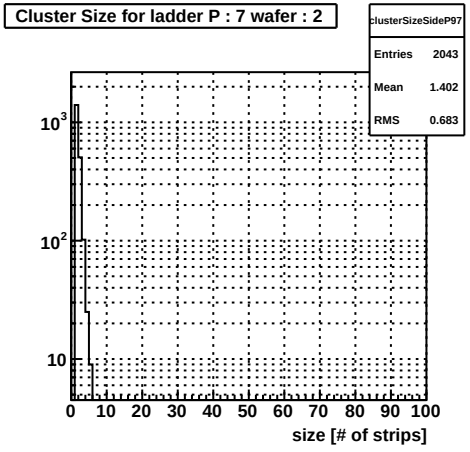

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 8135
Mean 1.304
RMS 0.6322
size [# of strips]

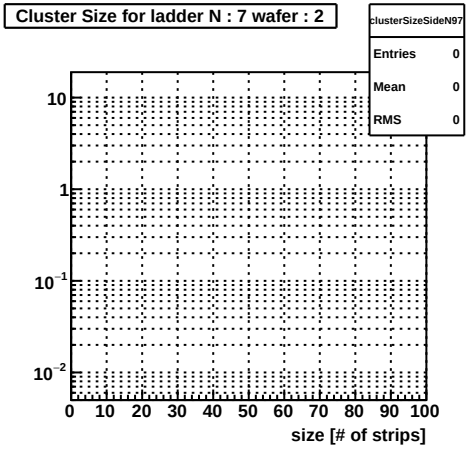

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

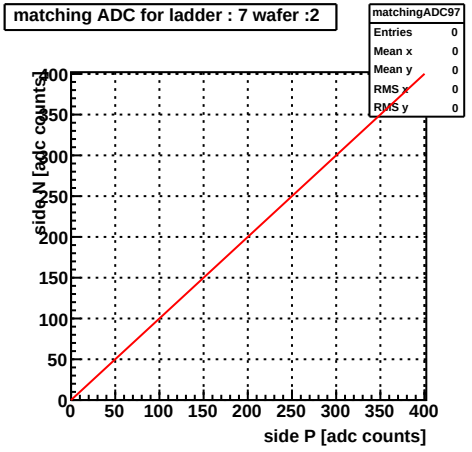

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

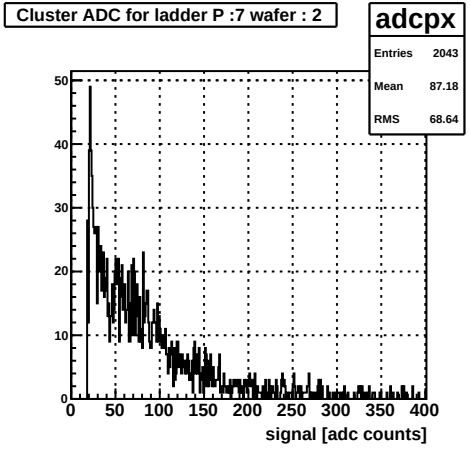

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 8135
Mean 48.11
RMS 48.4
signal [adc counts]

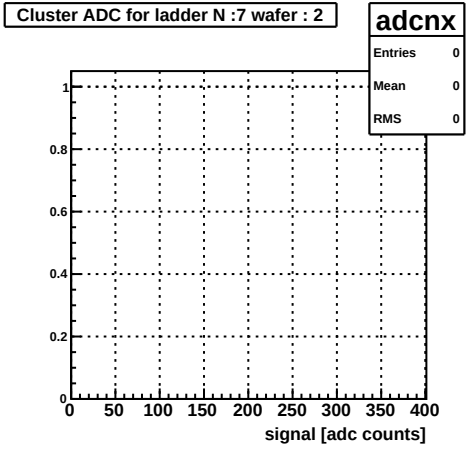

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

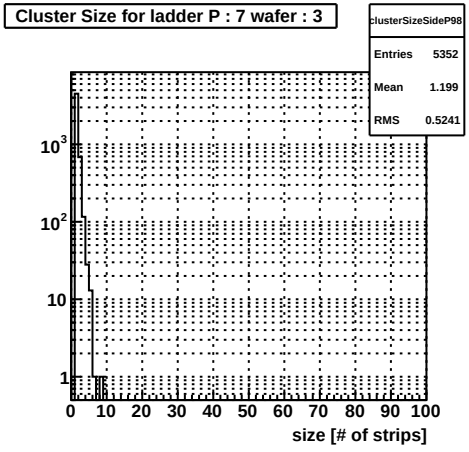

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2043
Mean 1.402
RMS 0.683
size [# of strips]

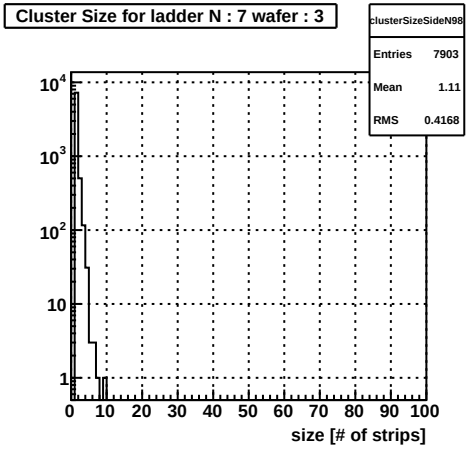

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

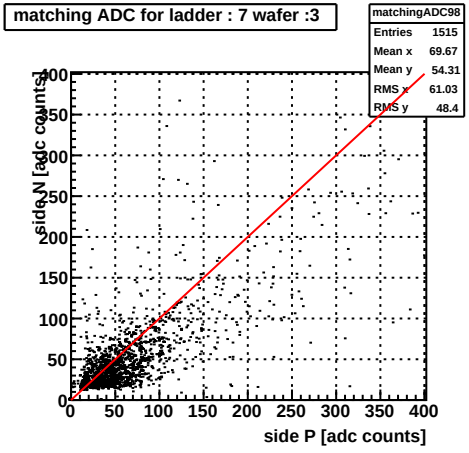

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

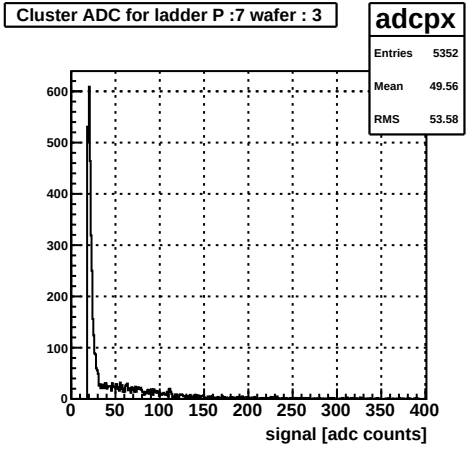

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2043
Mean 87.18
RMS 68.64
signal [adc counts]

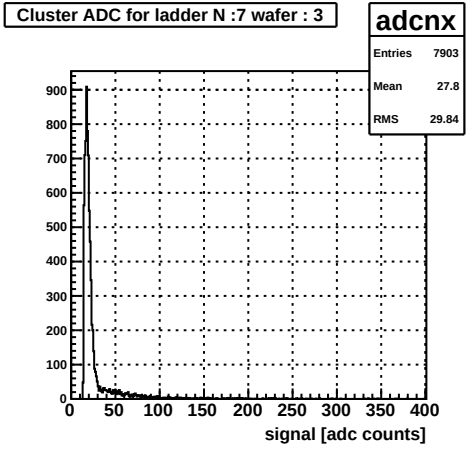

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

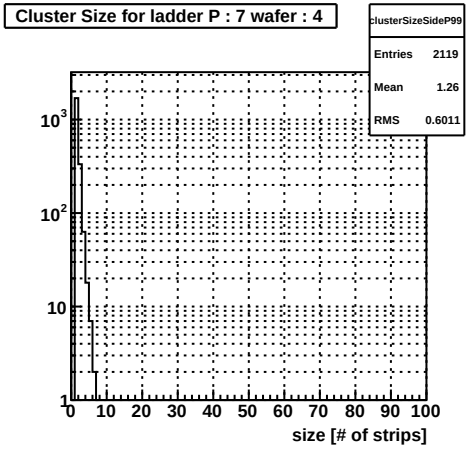

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 5352
Mean 1.199
RMS 0.5241
size [# of strips]

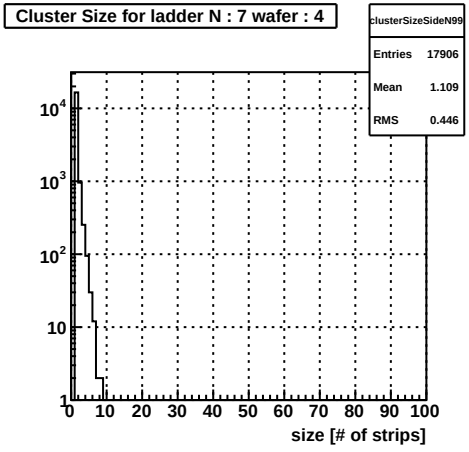

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 7903
Mean 1.11
RMS 0.4168
size [# of strips]

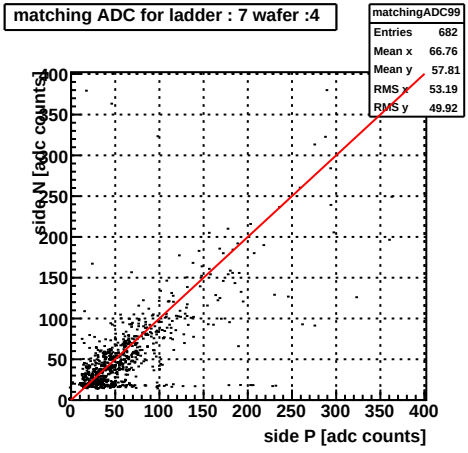

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1515
Mean x 69.67
Mean y 54.31
RMS x 61.03
RMS y 48.4
side N [adc counts]
side P [adc counts]

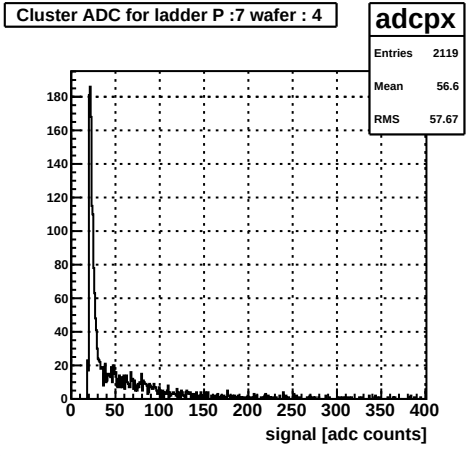

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 5352
Mean 49.56
RMS 53.58
signal [adc counts]

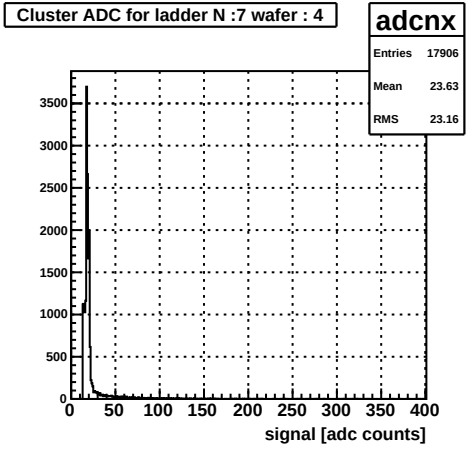

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 7903
Mean 27.8
RMS 29.84
signal [adc counts]

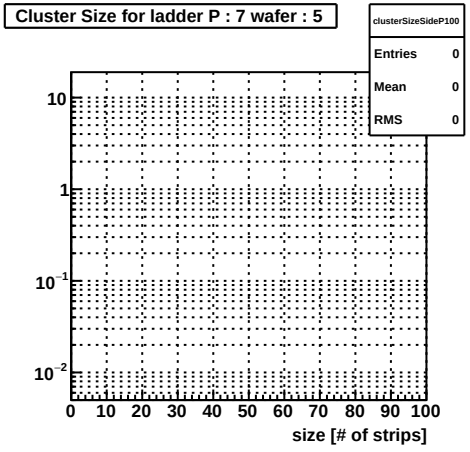

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2119
Mean 1.26
RMS 0.6011
size [# of strips]

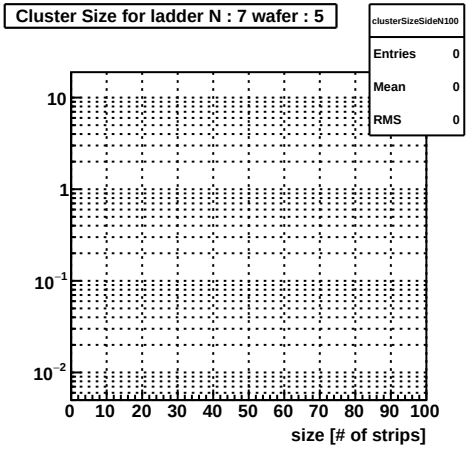

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 17906
Mean 1.109
RMS 0.446
size [# of strips]

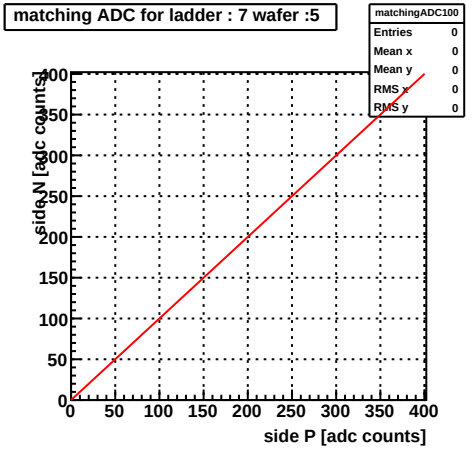

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 682
Mean x 66.76
Mean y 57.81
RMS x 53.19
RMS y 49.92
side N [adc counts]
side P [adc counts]

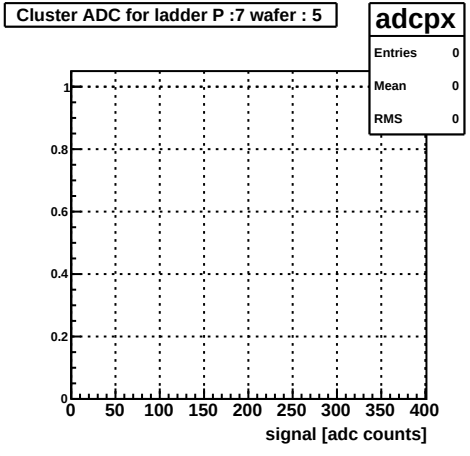

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2119
Mean 56.6
RMS 57.67
signal [adc counts]

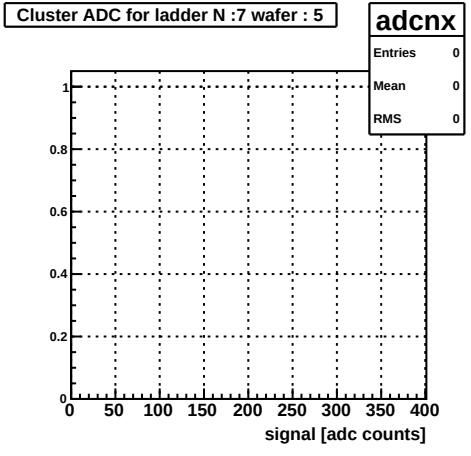

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 17906
Mean 23.63
RMS 23.16
signal [adc counts]

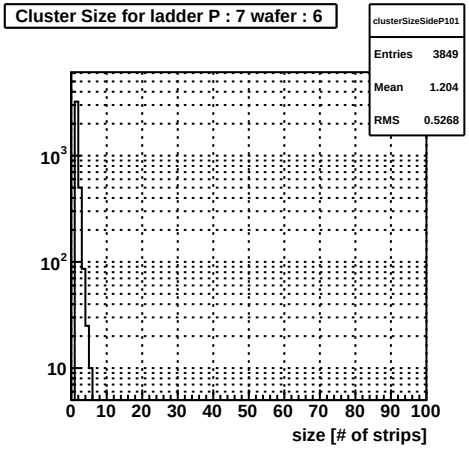

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 0
Mean 0
RMS 0
size [# of strips]

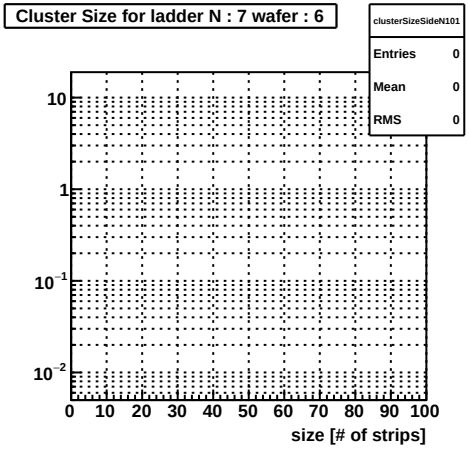

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

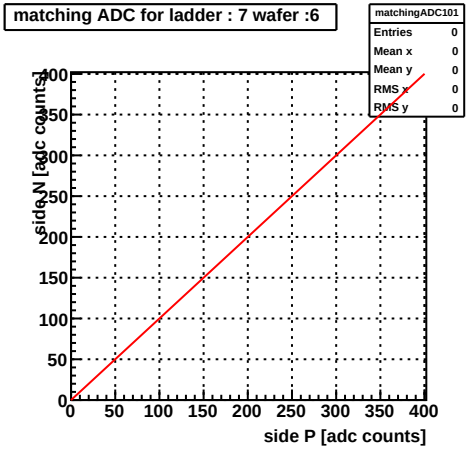

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

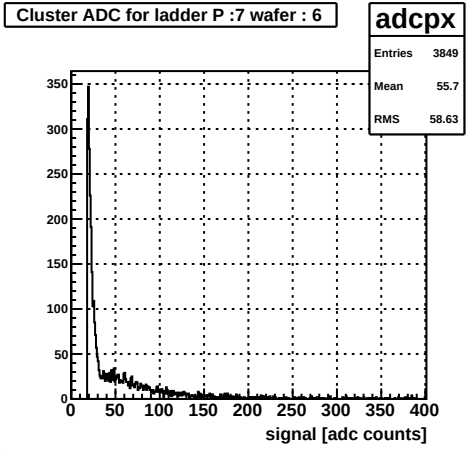

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

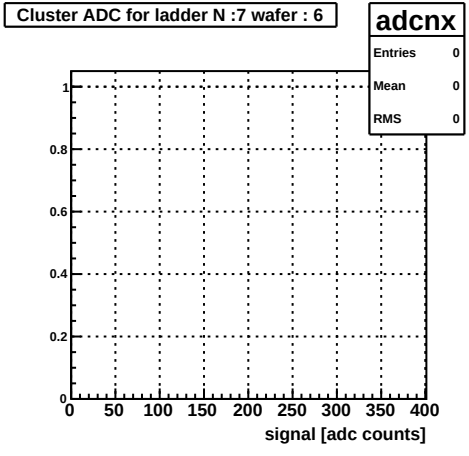

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

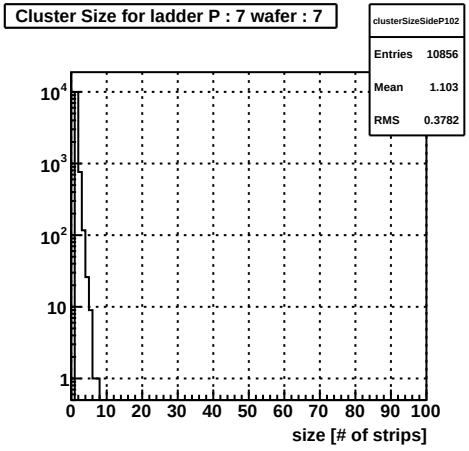

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 3849
Mean 1.204
RMS 0.5268
size [# of strips]

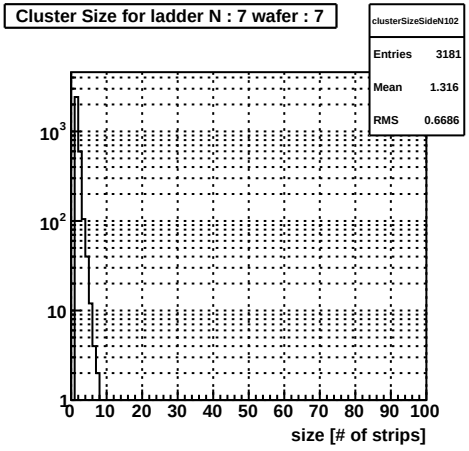

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

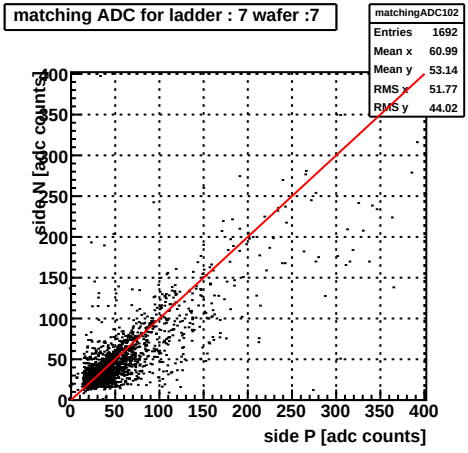

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

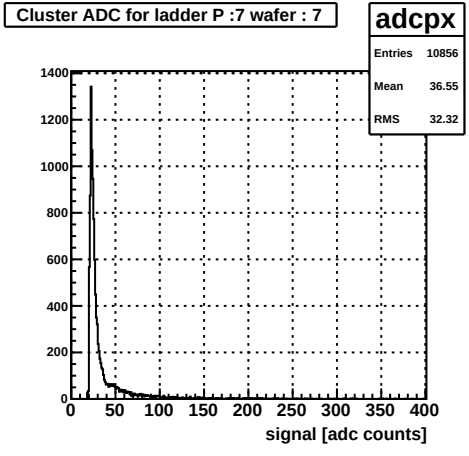

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 3849
Mean 55.7
RMS 58.63
signal [adc counts]

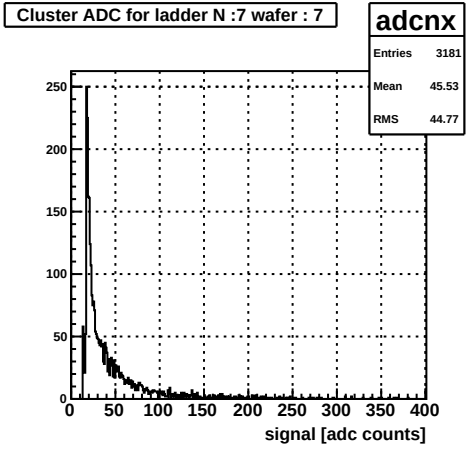

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

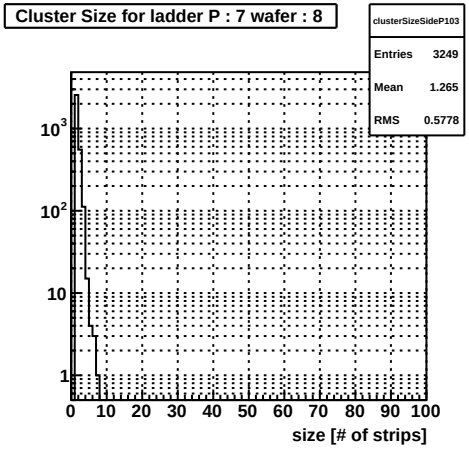

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 10856
Mean 1.103
RMS 0.3782
size [# of strips]

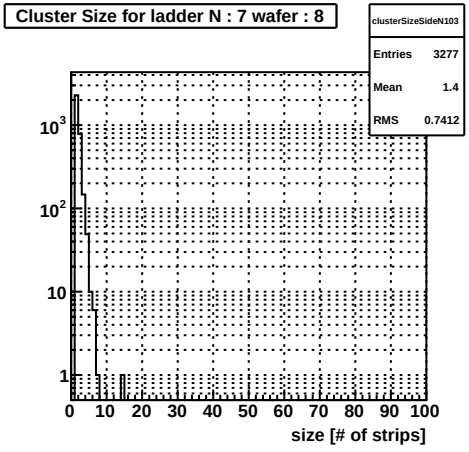

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3181
Mean 1.316
RMS 0.6686
size [# of strips]

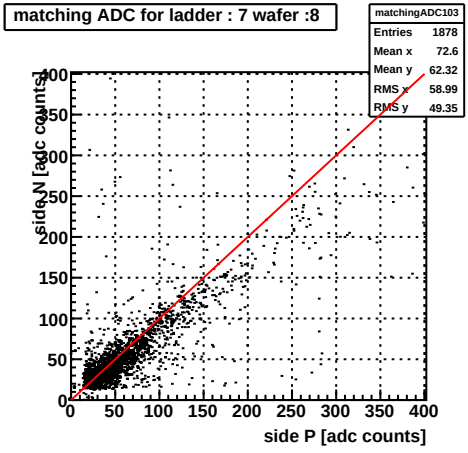

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1692
Mean x 60.99
Mean y 53.14
RMS x 51.77
RMS y 44.02
side N [adc counts]
side P [adc counts]

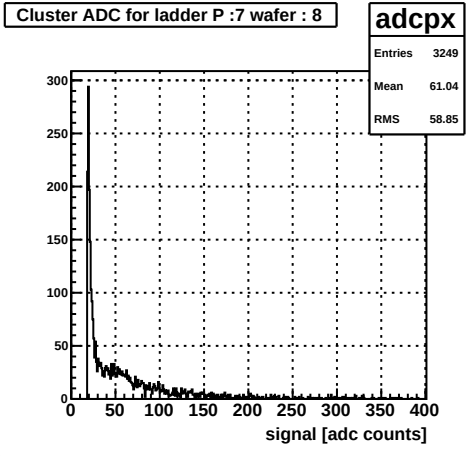

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 10856
Mean 36.55
RMS 32.32
signal [adc counts]

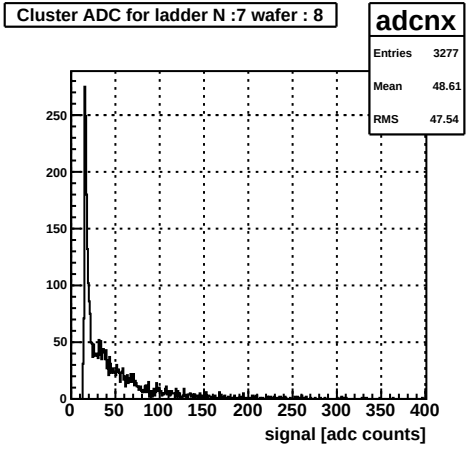

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3181
Mean 45.53
RMS 44.77
signal [adc counts]

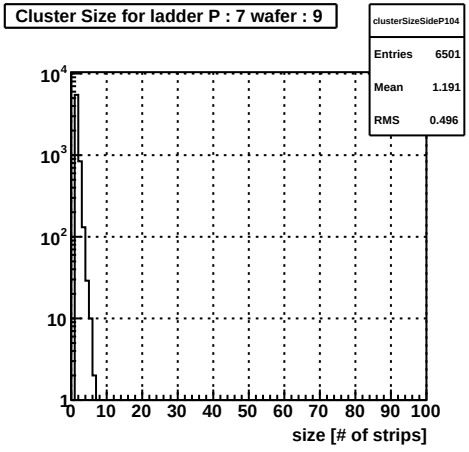

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 3249
Mean 1.265
RMS 0.5778
size [# of strips]

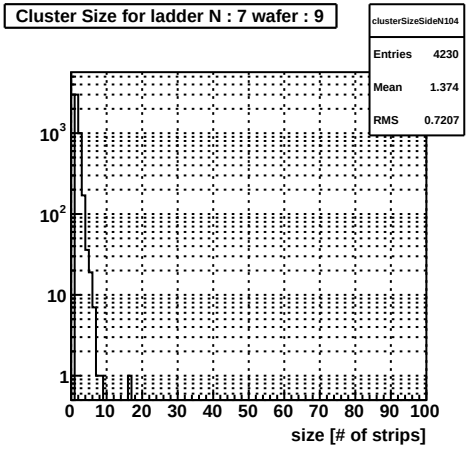

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 3277
Mean 1.4
RMS 0.7412
size [# of strips]

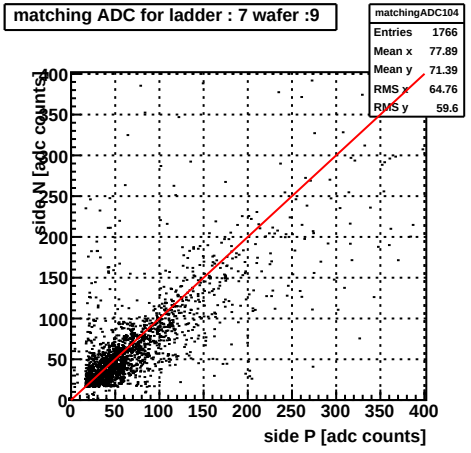

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1878
Mean x 72.6
Mean y 62.32
RMS x 58.99
RMS y 49.35
side N [adc counts]
side P [adc counts]

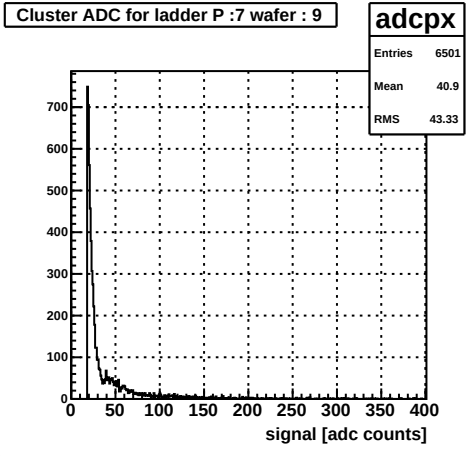

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 3249
Mean 61.04
RMS 58.85
signal [adc counts]

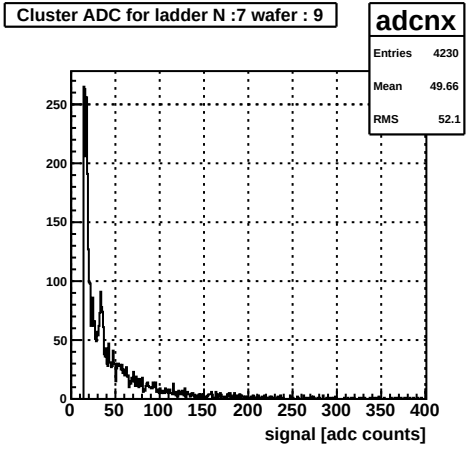

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 3277
Mean 48.61
RMS 47.54
signal [adc counts]

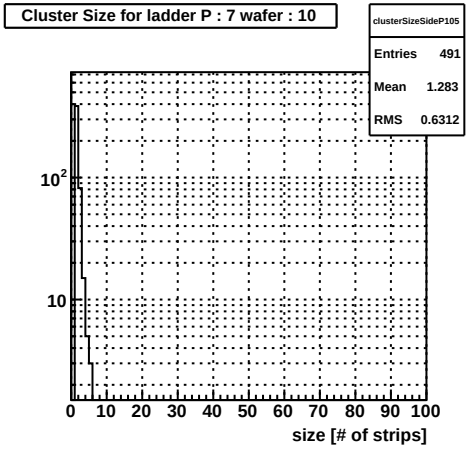

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 6501
Mean 1.191
RMS 0.496
size [# of strips]

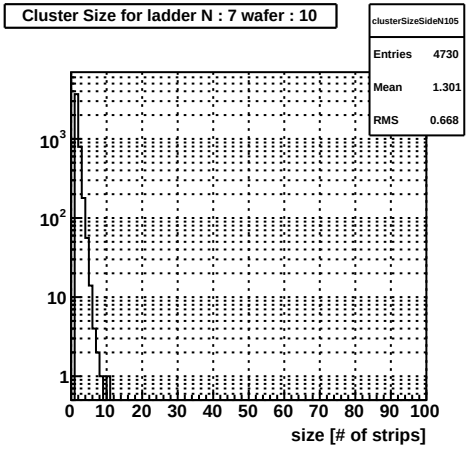

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 4230
Mean 1.374
RMS 0.7207
size [# of strips]

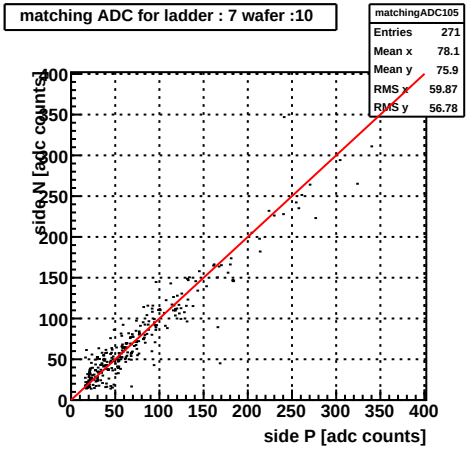

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1766
Mean x 77.89
Mean y 71.39
RMS x 64.76
RMS y 59.6
side N [adc counts]
side P [adc counts]

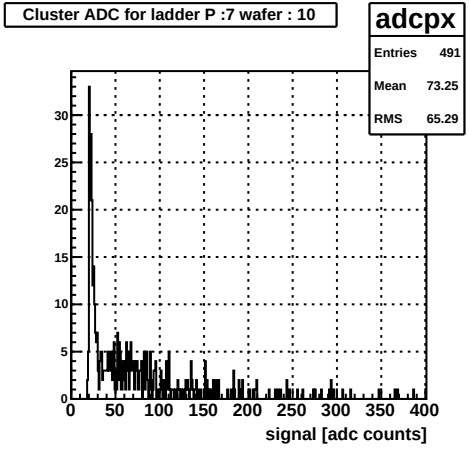

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 6501
Mean 40.9
RMS 43.33
signal [adc counts]

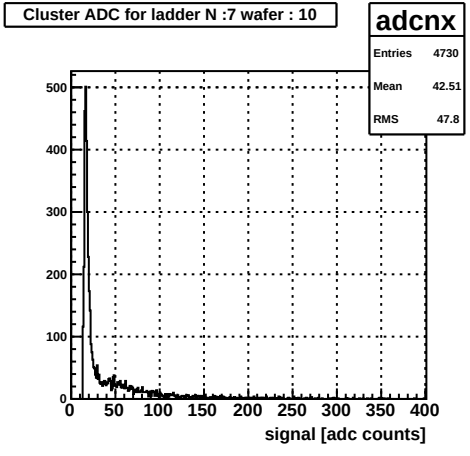

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 4230
Mean 49.66
RMS 52.1
signal [adc counts]

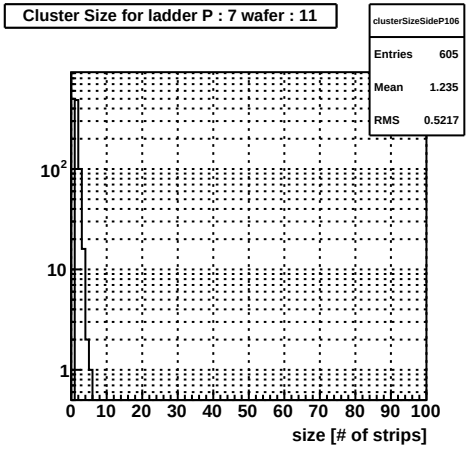

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 491
Mean 1.283
RMS 0.6312
size [# of strips]

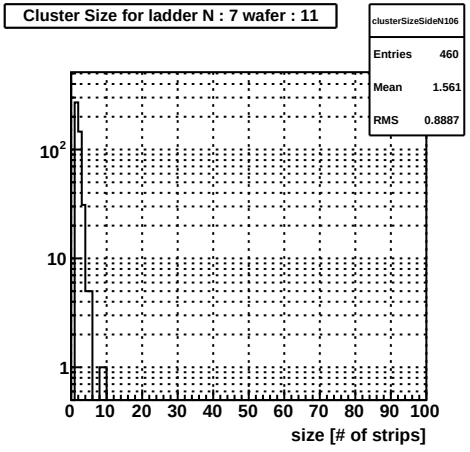

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 4730
Mean 1.301
RMS 0.668
size [# of strips]

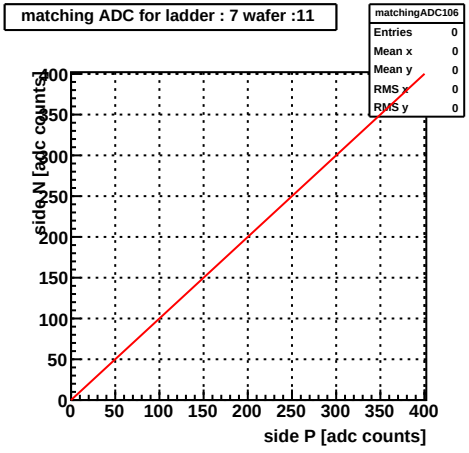

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 271
Mean x 78.1
Mean y 75.9
RMS x 59.87
RMS y 56.78
side N [adc counts]
side P [adc counts]

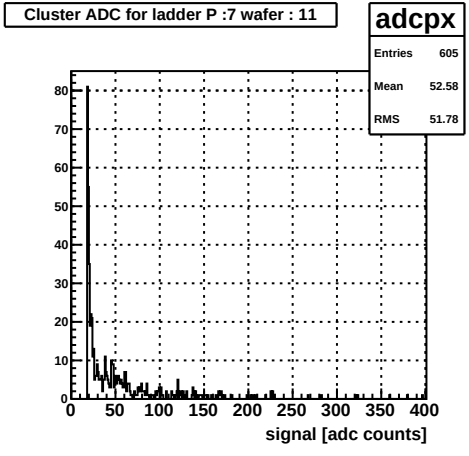

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 491
Mean 73.25
RMS 65.29
signal [adc counts]

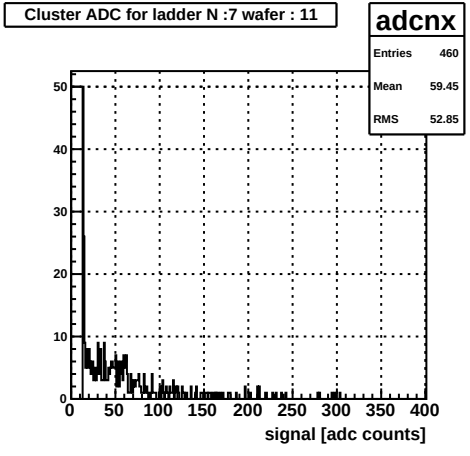

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 4730
Mean 42.51
RMS 47.8
signal [adc counts]

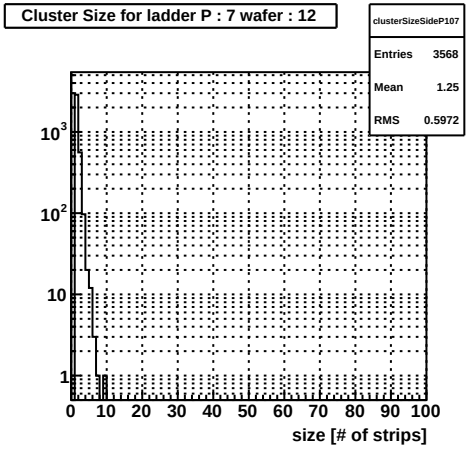

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 605
Mean 1.235
RMS 0.5217
size [# of strips]

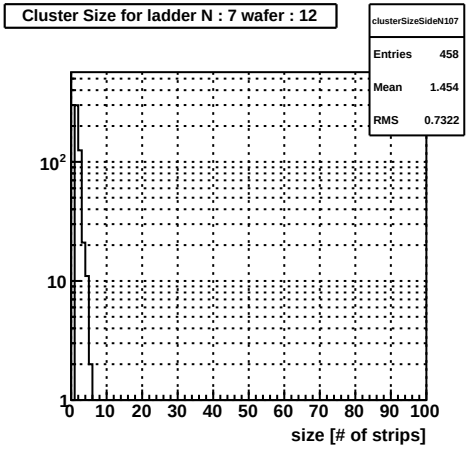

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 460
Mean 1.561
RMS 0.8887
size [# of strips]

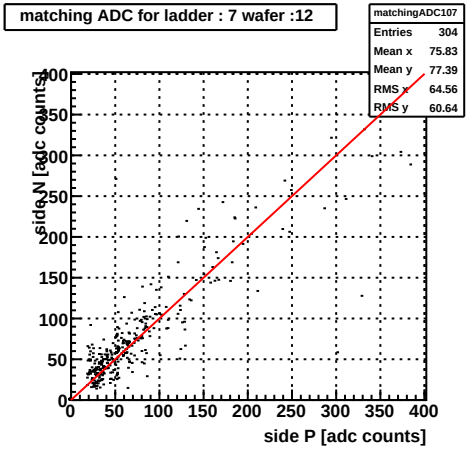

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

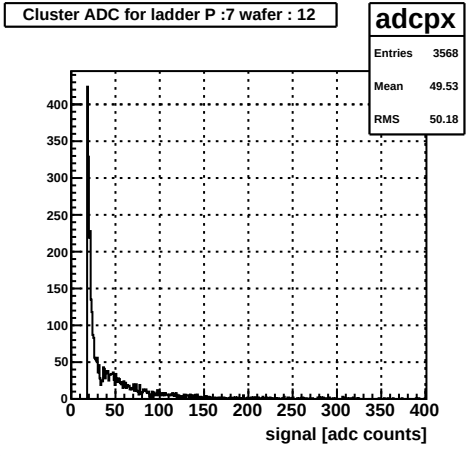

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 605
Mean 52.58
RMS 51.78
signal [adc counts]

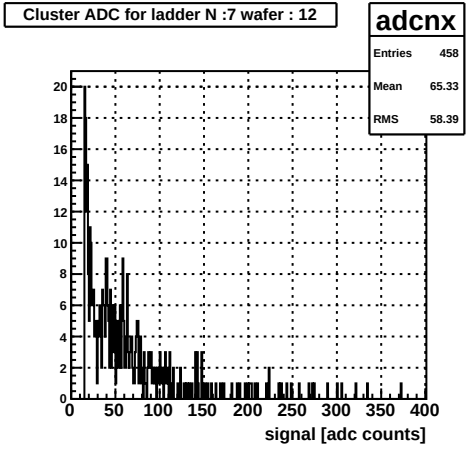

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 460
Mean 59.45
RMS 52.85
signal [adc counts]

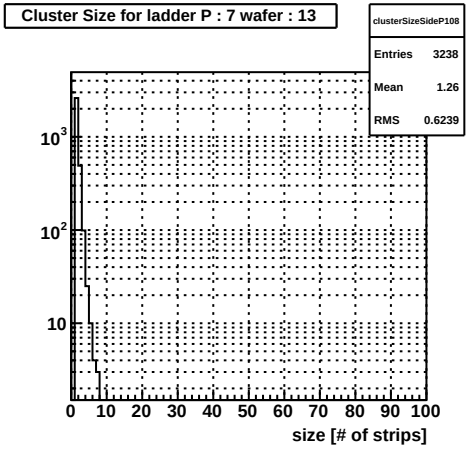

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 3568
Mean 1.25
RMS 0.5972
size [# of strips]

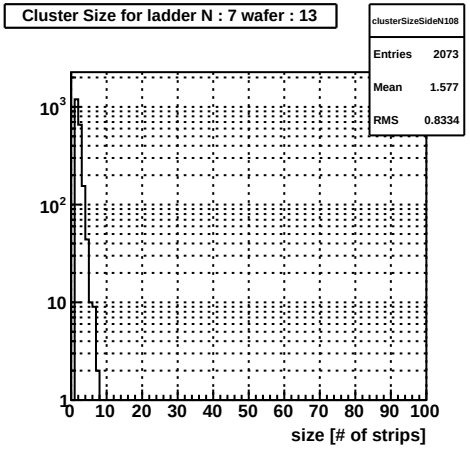

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 458
Mean 1.454
RMS 0.7322
size [# of strips]

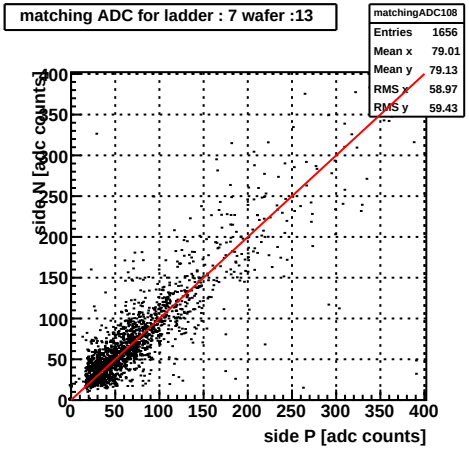

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 304
Mean x 75.83
Mean y 77.39
RMS x 64.56
RMS y 60.64
side N [adc counts]
side P [adc counts]

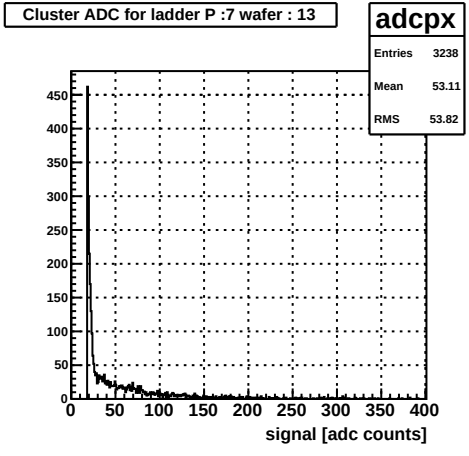

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 3568
Mean 49.53
RMS 50.18
signal [adc counts]

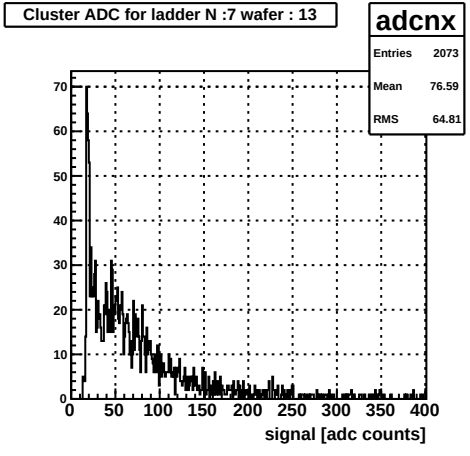

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 458
Mean 65.33
RMS 58.39
signal [adc counts]

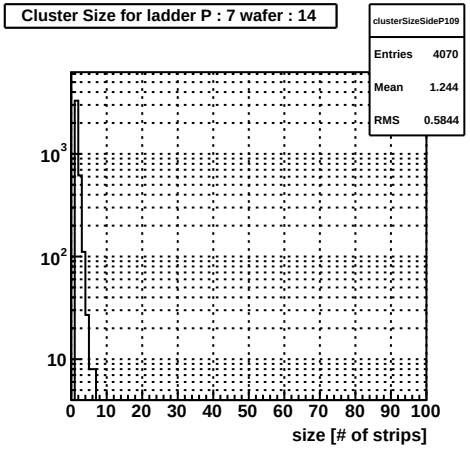

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 3238
Mean 1.26
RMS 0.6239
size [# of strips]

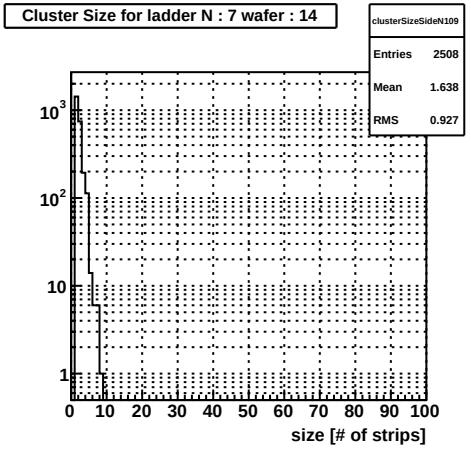

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 2073
Mean 1.577
RMS 0.8334
size [# of strips]

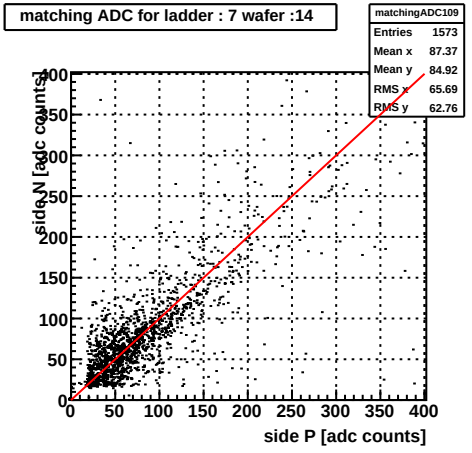

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1656
Mean x 79.01
Mean y 79.13
RMS x 58.97
RMS y 59.43
side N [adc counts]
side P [adc counts]

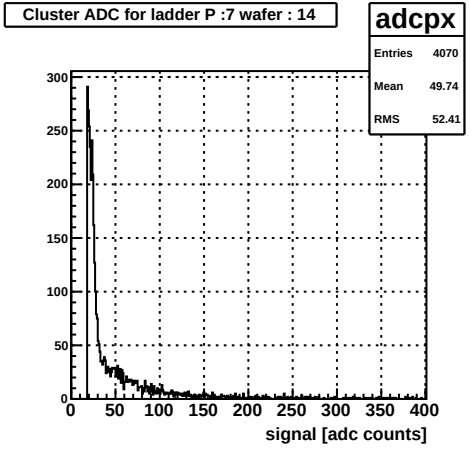

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 3238
Mean 53.11
RMS 53.82
signal [adc counts]

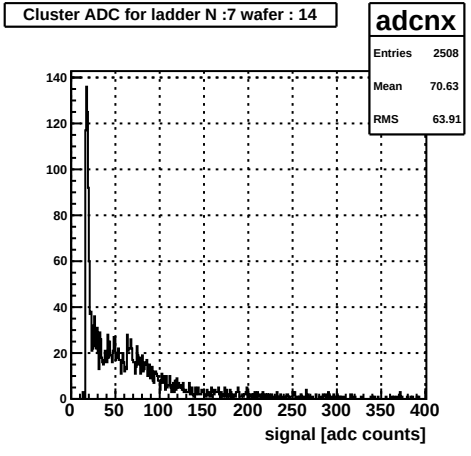

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 2073
Mean 76.59
RMS 64.81
signal [adc counts]

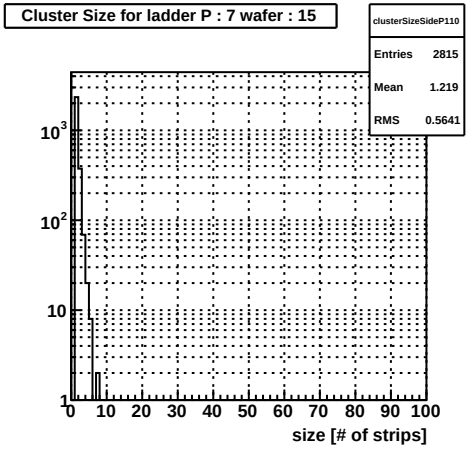

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 4070
Mean 1.244
RMS 0.5844
size [# of strips]

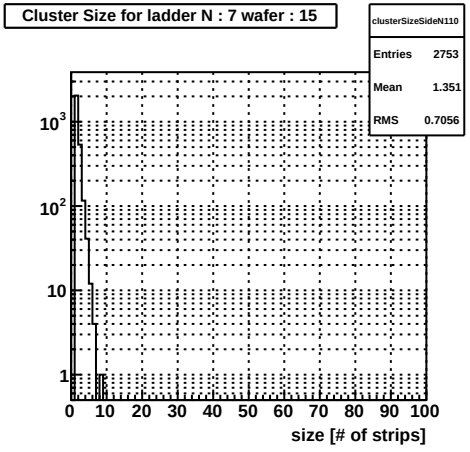

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2508
Mean 1.638
RMS 0.927
size [# of strips]

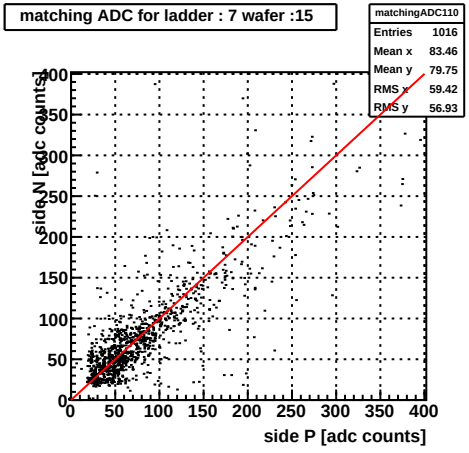

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1573
Mean x 87.37
Mean y 84.92
RMS x 65.69
RMS y 62.76
side N [adc counts]
side P [adc counts]

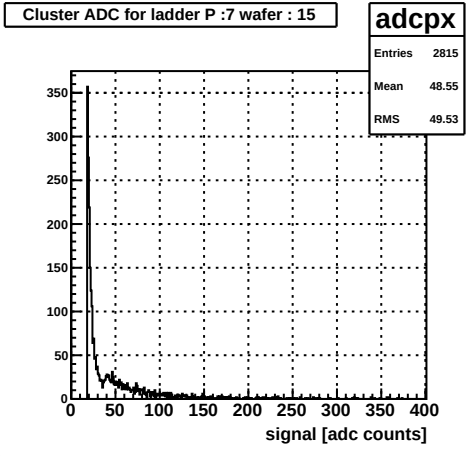

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 4070
Mean 49.74
RMS 52.41
signal [adc counts]

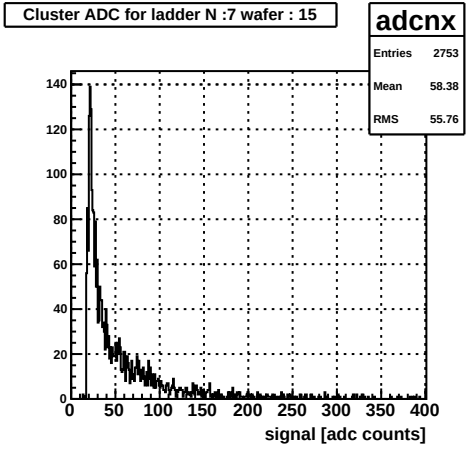

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2508
Mean 70.63
RMS 63.91
signal [adc counts]

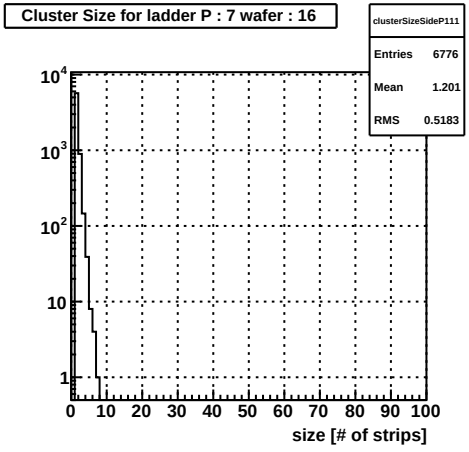

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 2815
Mean 1.219
RMS 0.5641
size [# of strips]

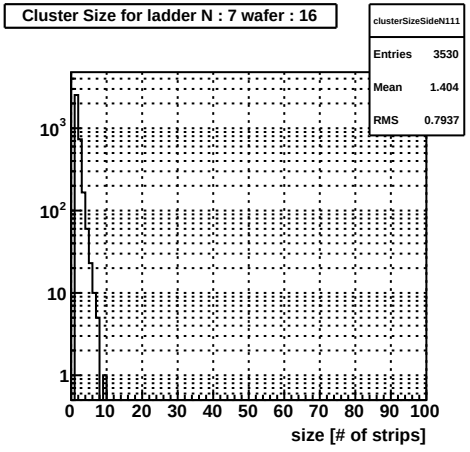

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2753
Mean 1.351
RMS 0.7056
size [# of strips]

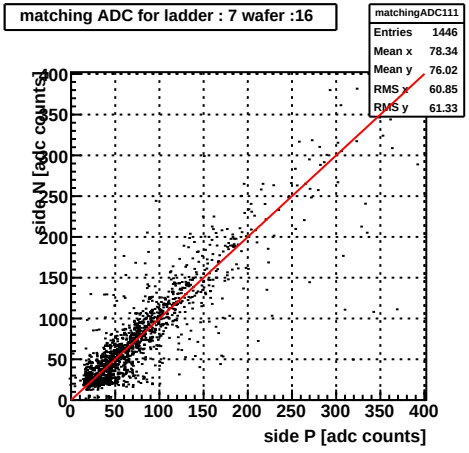

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 1016
Mean x 83.46
Mean y 79.75
RMS x 59.42
RMS y 56.93
side N [adc counts]
side P [adc counts]

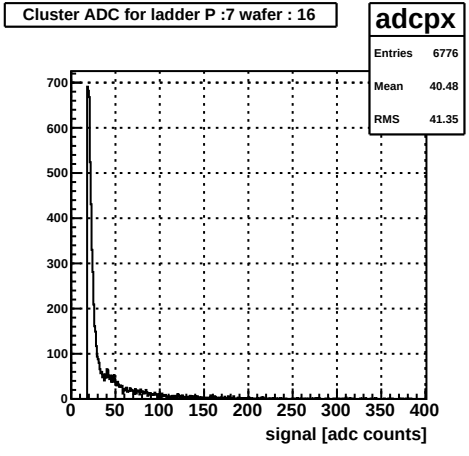

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 2815
Mean 48.55
RMS 49.53
signal [adc counts]

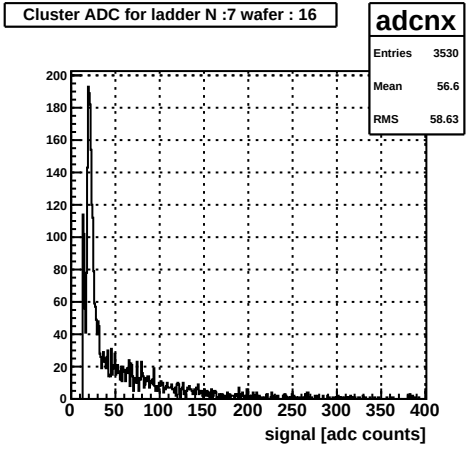

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2753
Mean 58.38
RMS 55.76
signal [adc counts]

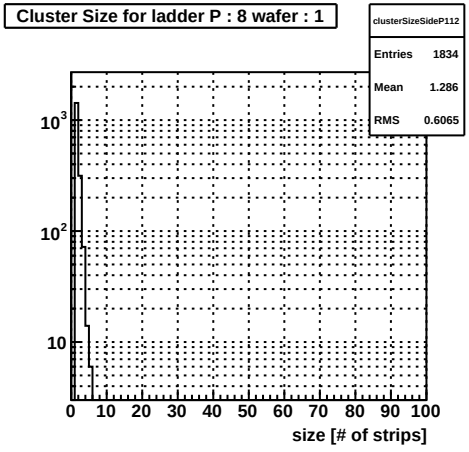

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 6776
Mean 1.201
RMS 0.5183
size [# of strips]

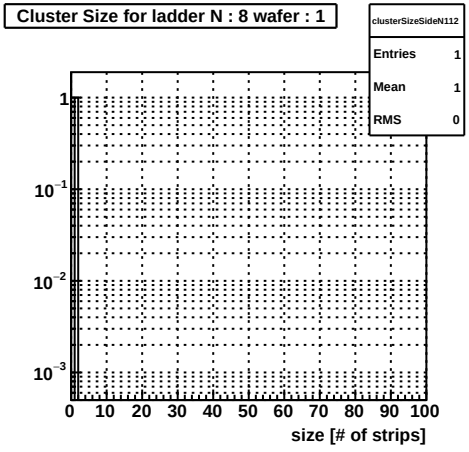

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3530
Mean 1.404
RMS 0.7937
size [# of strips]

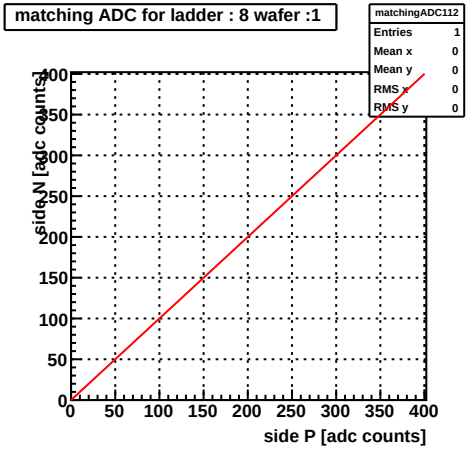

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1446
Mean x 78.34
Mean y 76.02
RMS x 60.85
RMS y 61.33
side N [adc counts]
side P [adc counts]

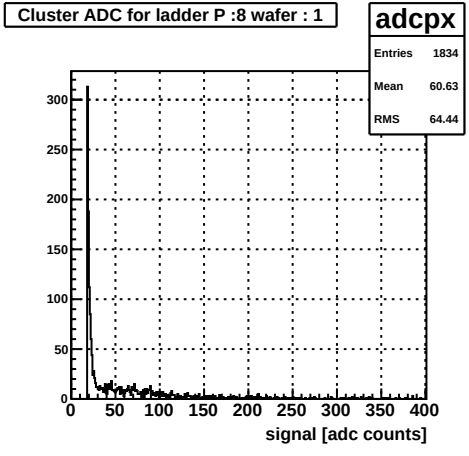

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 6776
Mean 40.48
RMS 41.35
signal [adc counts]

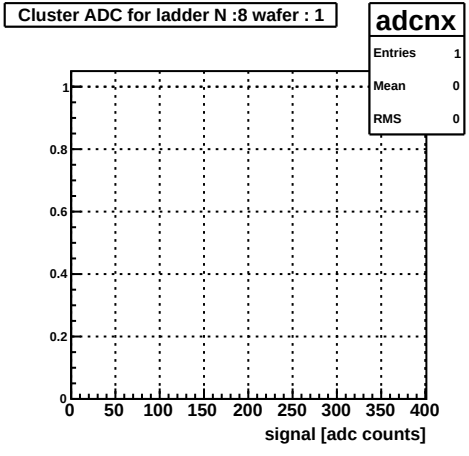

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3530
Mean 56.6
RMS 58.63
signal [adc counts]

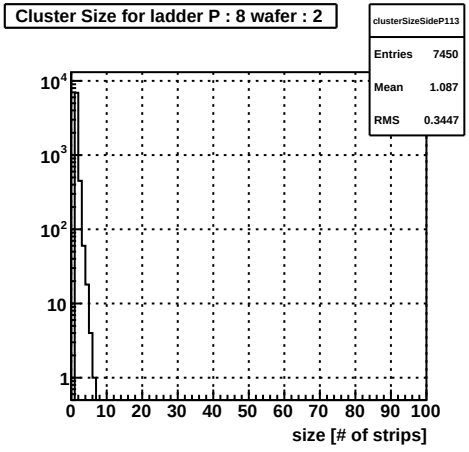

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1834
Mean 1.286
RMS 0.6065
size [# of strips]

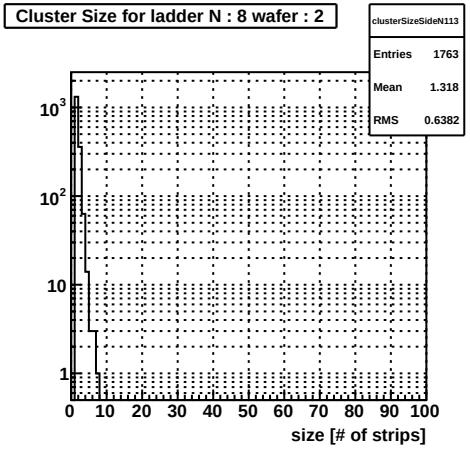

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 1
Mean 1
RMS 0
size [# of strips]

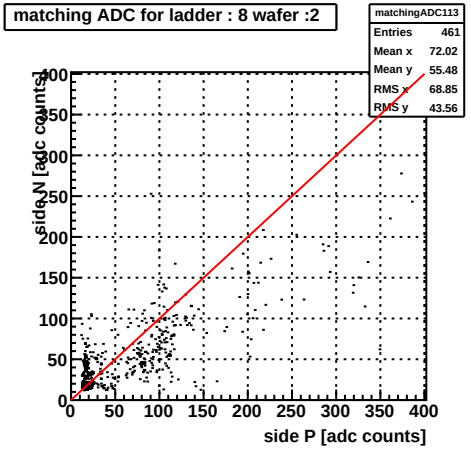

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

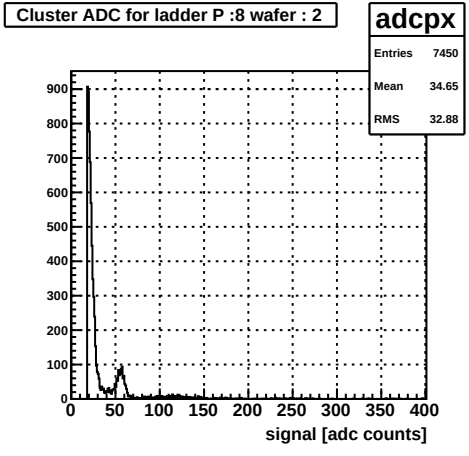

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1834
Mean 60.63
RMS 64.44
signal [adc counts]

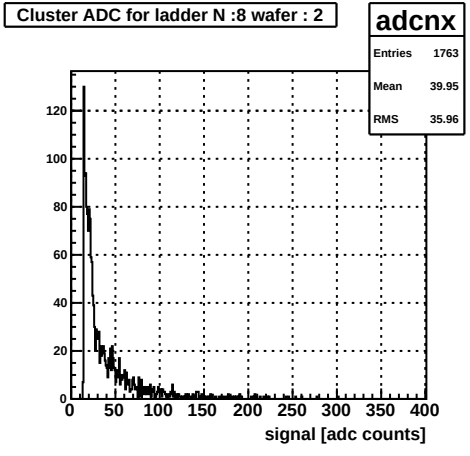

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

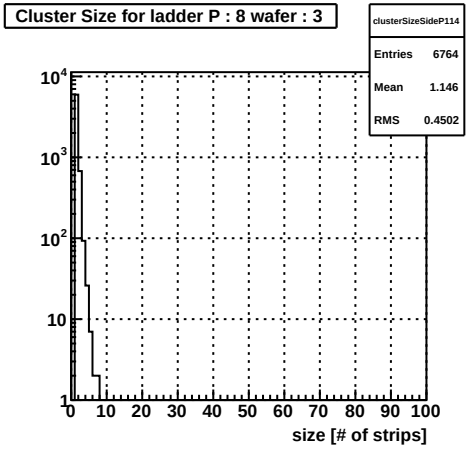

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 7450
Mean 1.087
RMS 0.3447
size [# of strips]

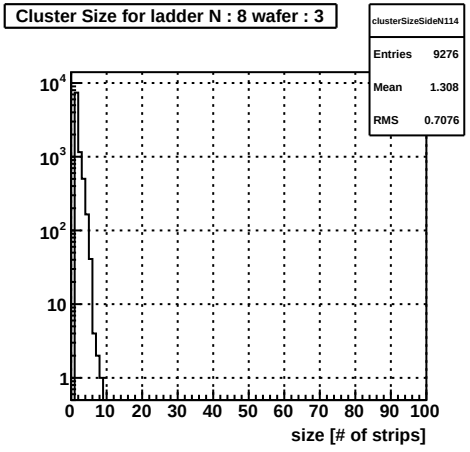

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1763
Mean 1.318
RMS 0.6382
size [# of strips]

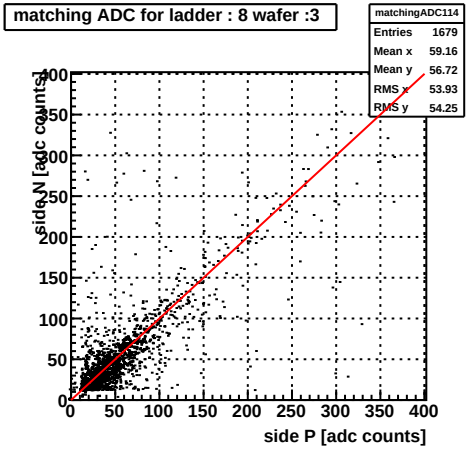

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 461
Mean x 72.02
Mean y 55.48
RMS x 68.85
RMS y 43.56
side N [adc counts]
side P [adc counts]

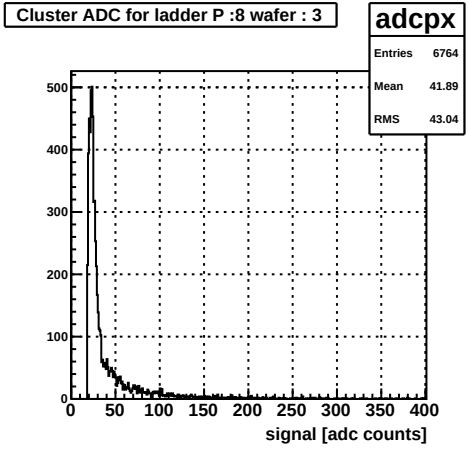

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 7450
Mean 34.65
RMS 32.88
signal [adc counts]

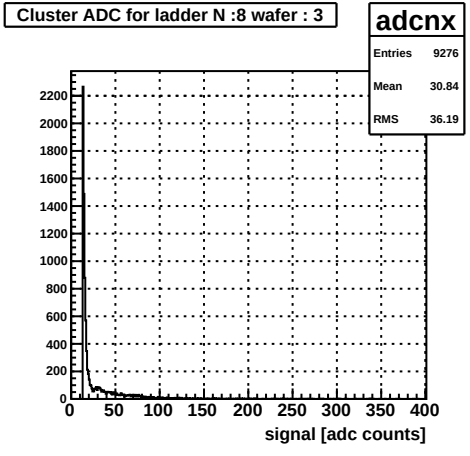

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1763
Mean 39.95
RMS 35.96
signal [adc counts]

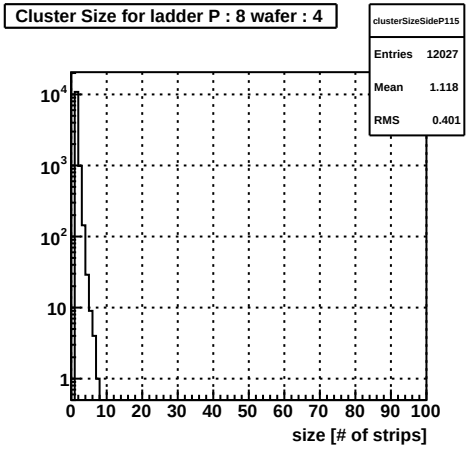

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 6764
Mean 1.146
RMS 0.4502
size [# of strips]

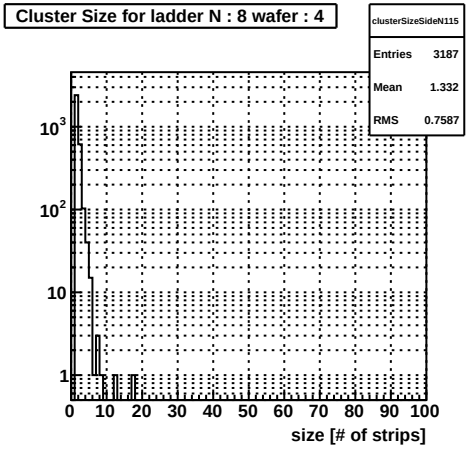

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 9276
Mean 1.308
RMS 0.7076
size [# of strips]

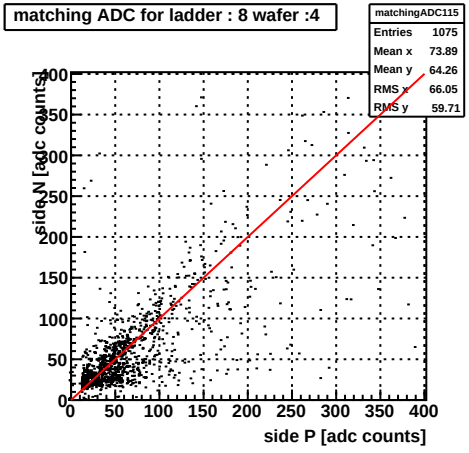

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1679
Mean x 59.16
Mean y 56.72
RMS x 53.93
RMS y 54.25
side N [adc counts]
side P [adc counts]

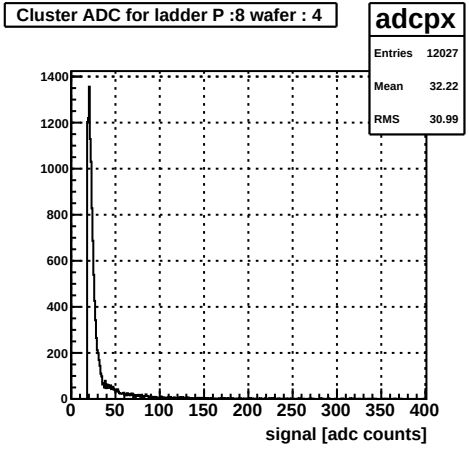

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 6764
Mean 41.89
RMS 43.04
signal [adc counts]

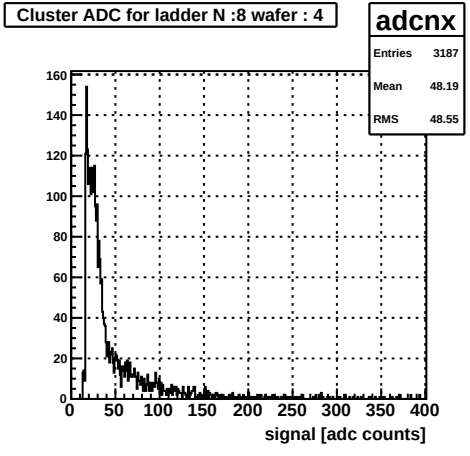

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 9276
Mean 30.84
RMS 36.19
signal [adc counts]

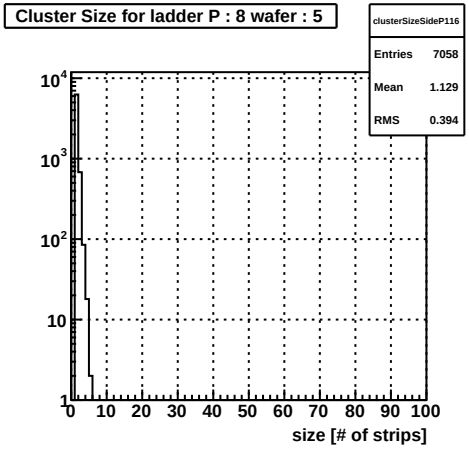

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12027
Mean 1.118
RMS 0.401
size [# of strips]

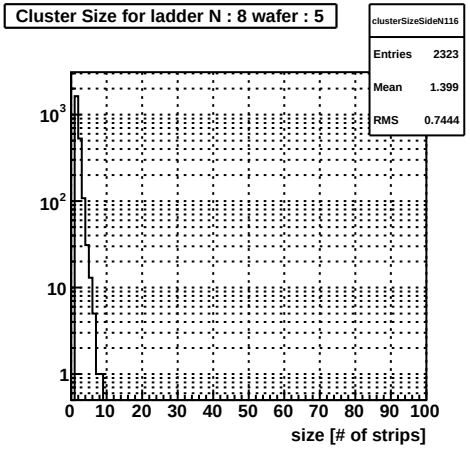

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3187
Mean 1.332
RMS 0.7587
size [# of strips]

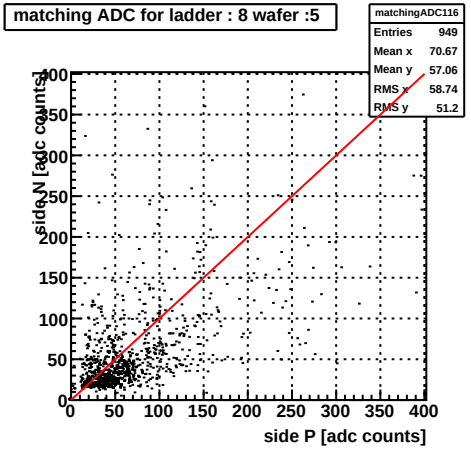

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1075
Mean x 73.89
Mean y 64.26
RMS x 66.05
RMS y 59.71
side N [adc counts]
side P [adc counts]

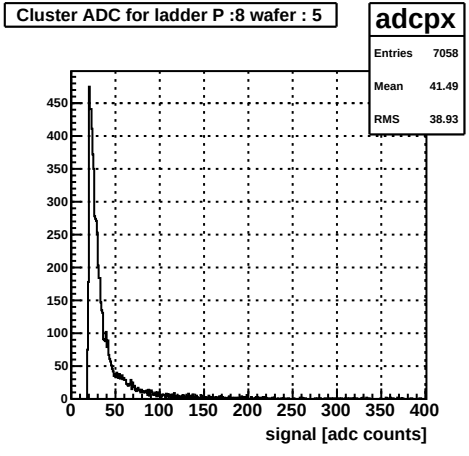

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12027
Mean 32.22
RMS 30.99
signal [adc counts]

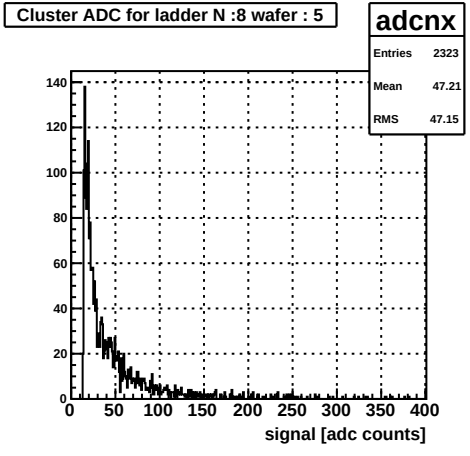

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3187
Mean 48.19
RMS 48.55
signal [adc counts]

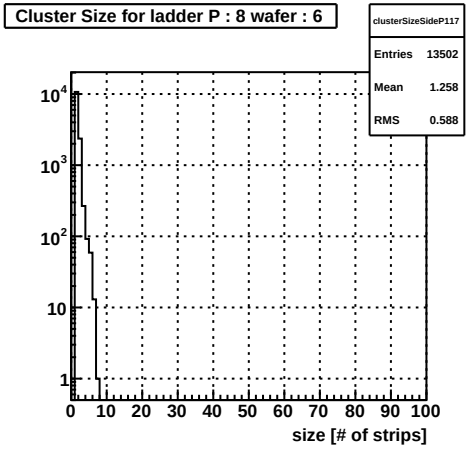

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7058
Mean 1.129
RMS 0.394
size [# of strips]

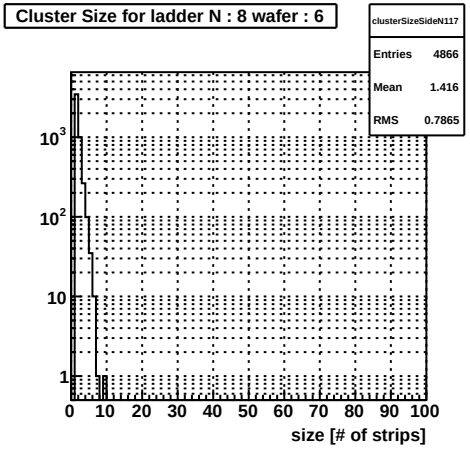

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2323
Mean 1.399
RMS 0.7444
size [# of strips]

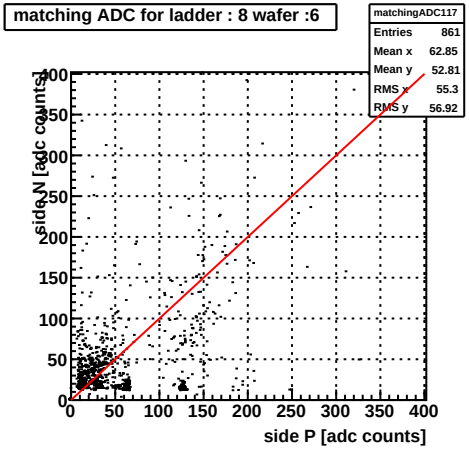

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 949
Mean x 70.67
Mean y 57.06
RMS x 58.74
RMS y 51.2
side N [adc counts]
side P [adc counts]

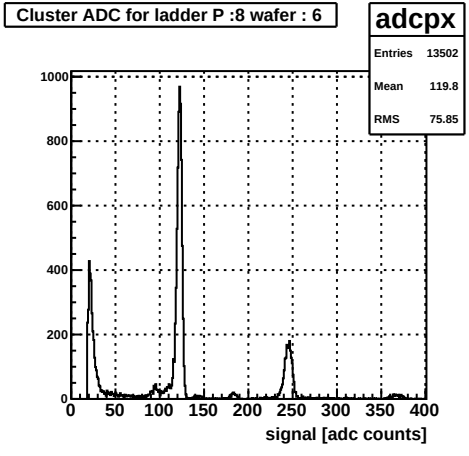

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7058
Mean 41.49
RMS 38.93
signal [adc counts]

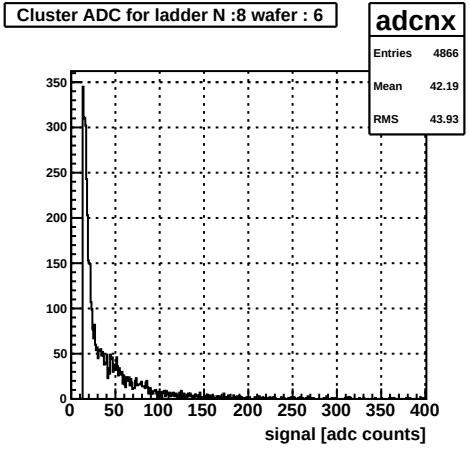

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2323
Mean 47.21
RMS 47.15
signal [adc counts]

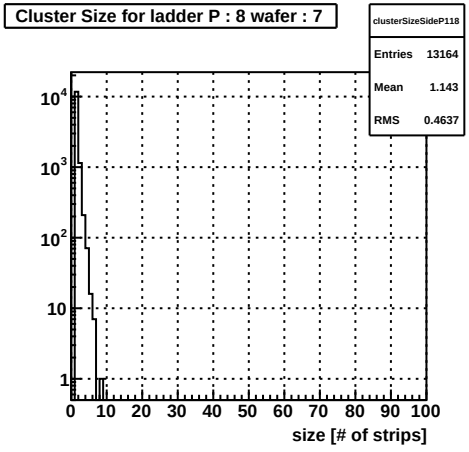

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 13502
Mean 1.258
RMS 0.588
size [# of strips]

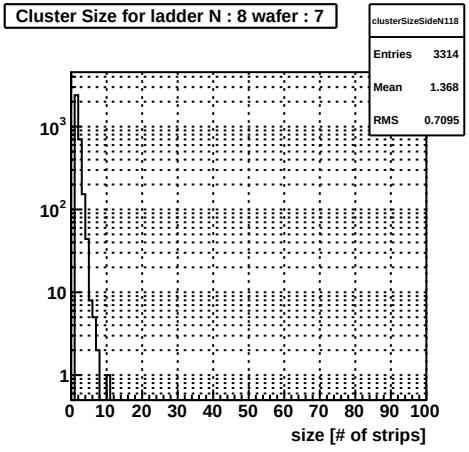

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 4866
Mean 1.416
RMS 0.7865
size [# of strips]

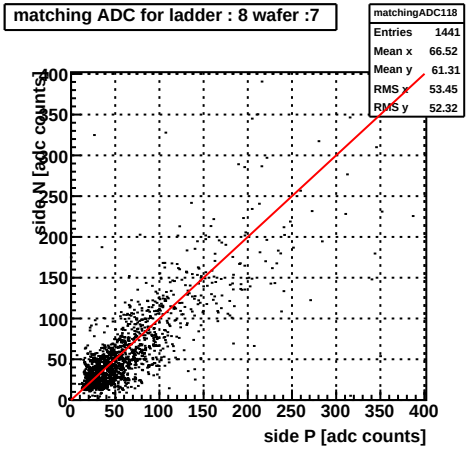

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 861
Mean x 62.85
Mean y 52.81
RMS x 55.3
RMS y 56.92
side N [adc counts]
side P [adc counts]

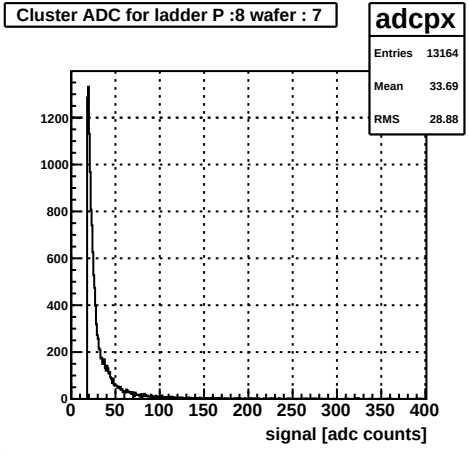

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 13502
Mean 119.8
RMS 75.85
signal [adc counts]

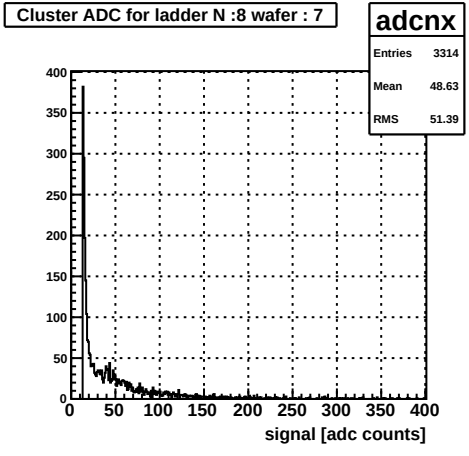

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 4866
Mean 42.19
RMS 43.93
signal [adc counts]

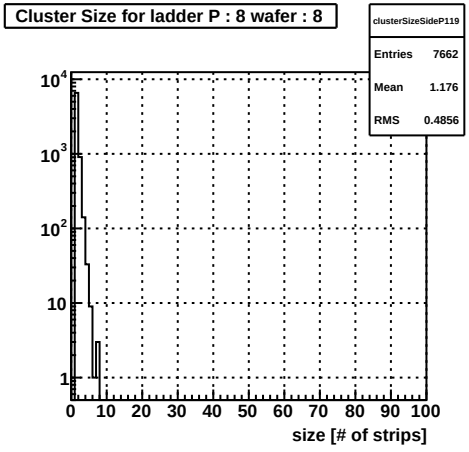

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 13164
Mean 1.143
RMS 0.4637
size [# of strips]

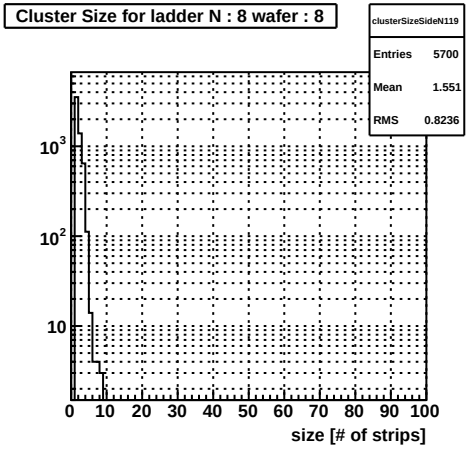

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3314
Mean 1.368
RMS 0.7095
size [# of strips]

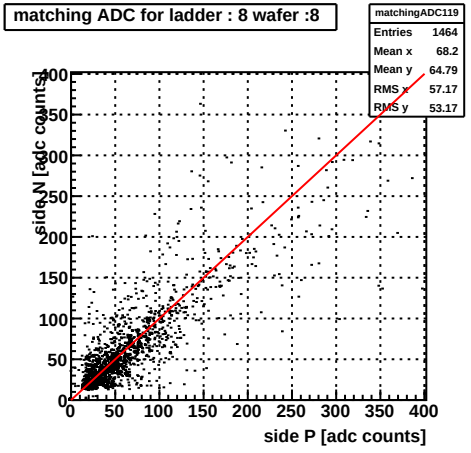

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1441
Mean x 66.52
Mean y 61.31
RMS x 53.45
RMS y 52.32
side N [adc counts]
side P [adc counts]

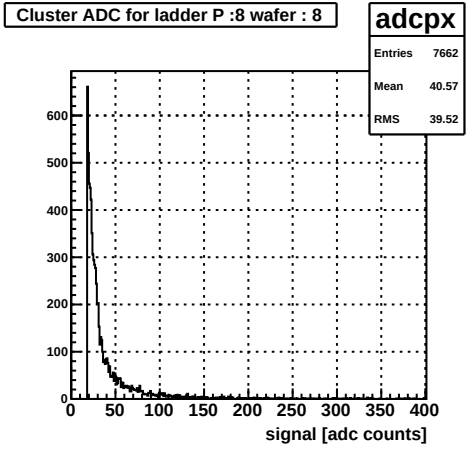

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 13164
Mean 33.69
RMS 28.88
signal [adc counts]

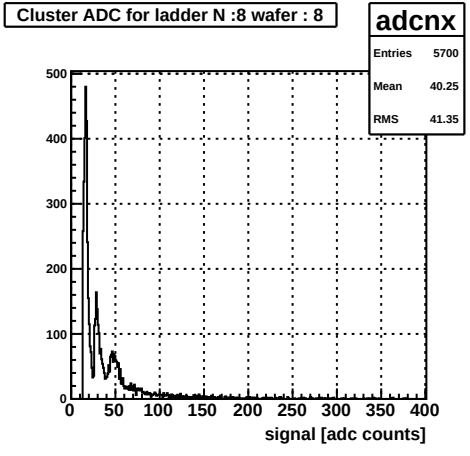

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3314
Mean 48.63
RMS 51.39
signal [adc counts]

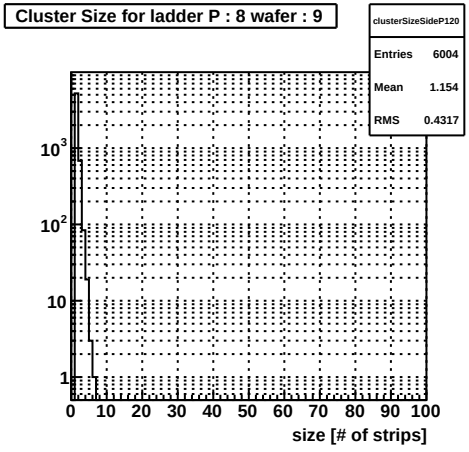

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 7662
Mean 1.176
RMS 0.4856
size [# of strips]

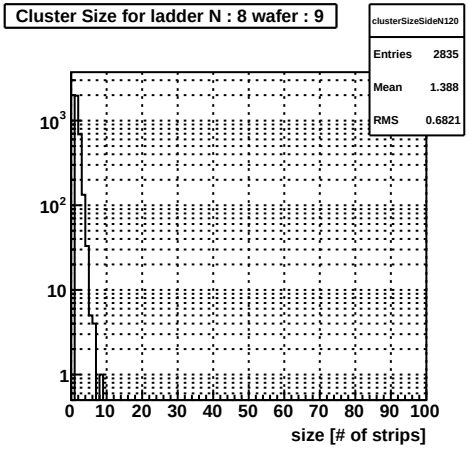

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 5700
Mean 1.551
RMS 0.8236
size [# of strips]

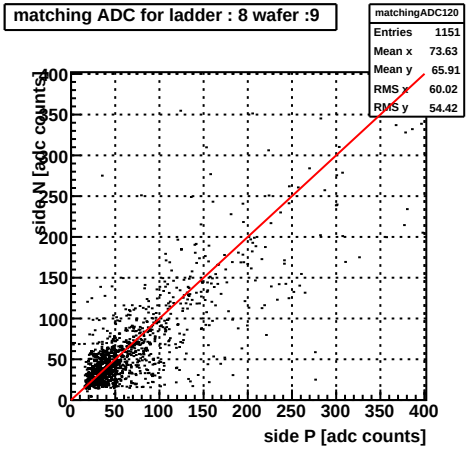

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1464
Mean x 68.2
Mean y 64.79
RMS x 57.17
RMS y 53.17
side N [adc counts]
side P [adc counts]

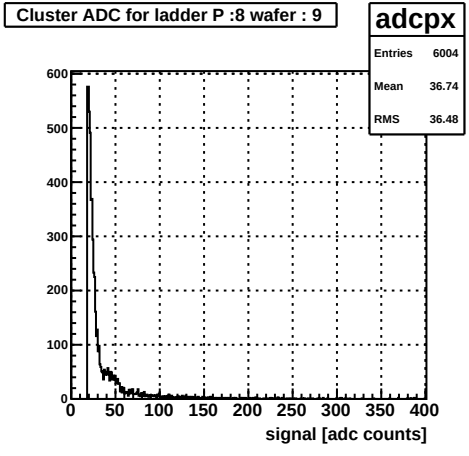

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 7662
Mean 40.57
RMS 39.52
signal [adc counts]

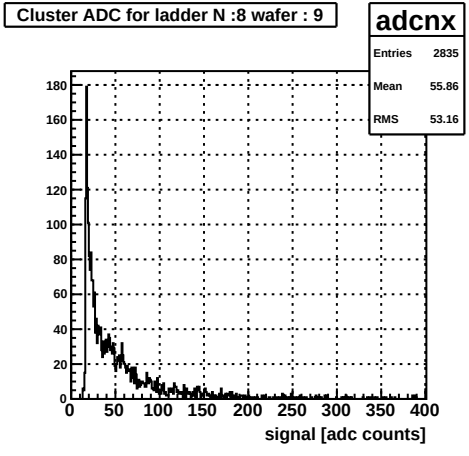

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 5700
Mean 40.25
RMS 41.35
signal [adc counts]

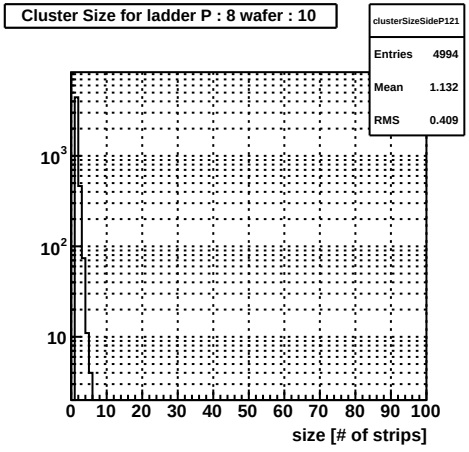

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 6004
Mean 1.154
RMS 0.4317
size [# of strips]

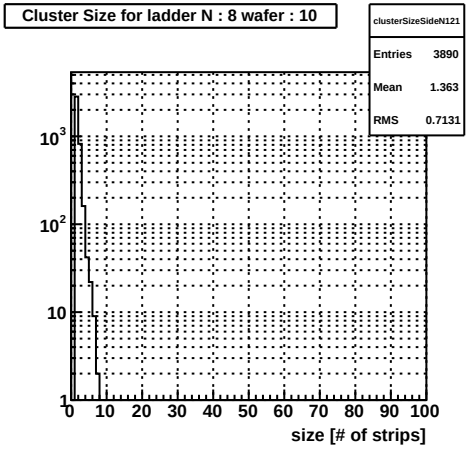

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 2835
Mean 1.388
RMS 0.6821
size [# of strips]

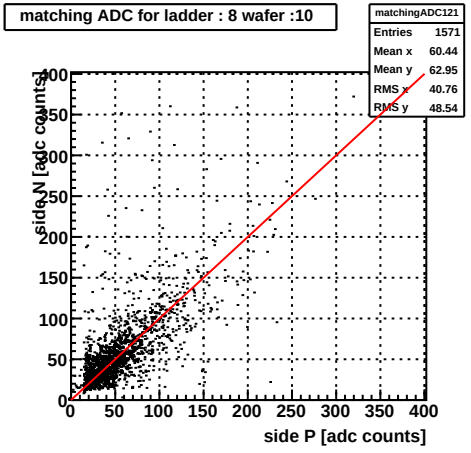

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1151
Mean x 73.63
Mean y 65.91
RMS x 60.02
RMS y 54.42
side N [adc counts]
side P [adc counts]

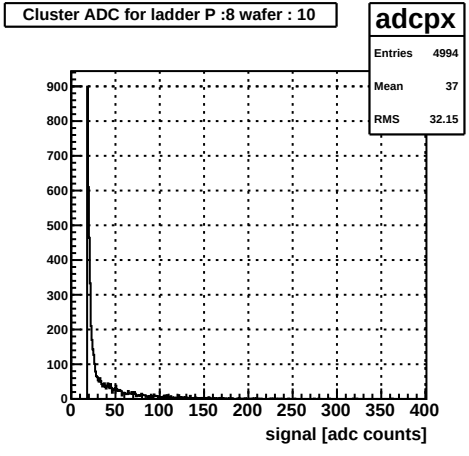

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 6004
Mean 36.74
RMS 36.48
signal [adc counts]

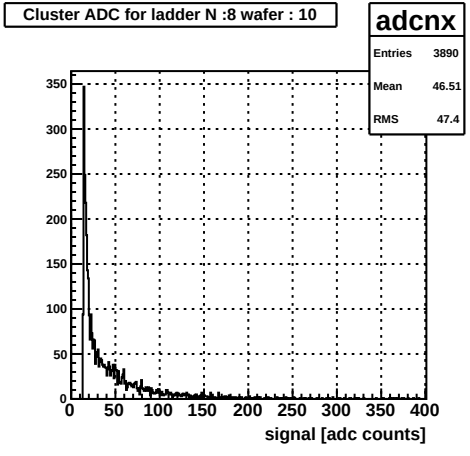

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 2835
Mean 55.86
RMS 53.16
signal [adc counts]

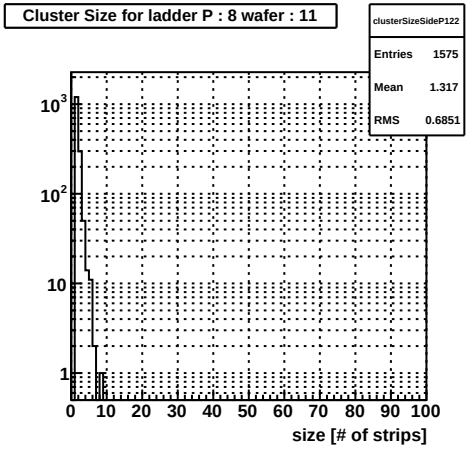

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4994
Mean 1.132
RMS 0.409
size [# of strips]

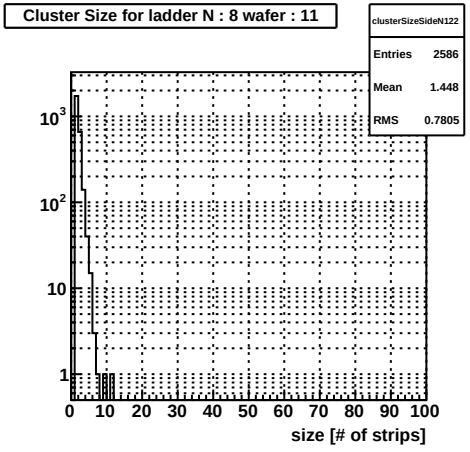

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 3890
Mean 1.363
RMS 0.7131
size [# of strips]

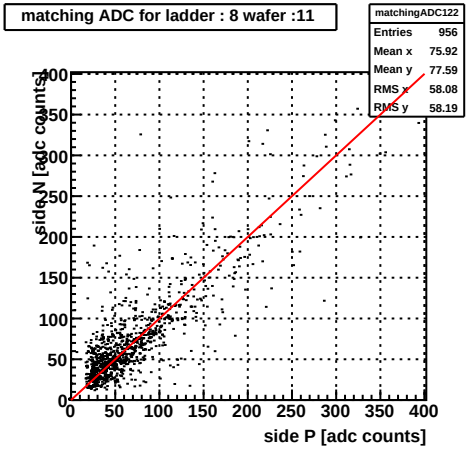

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1571
Mean x 60.44
Mean y 62.95
RMS x 40.76
RMS y 48.54
side N [adc counts]
side P [adc counts]

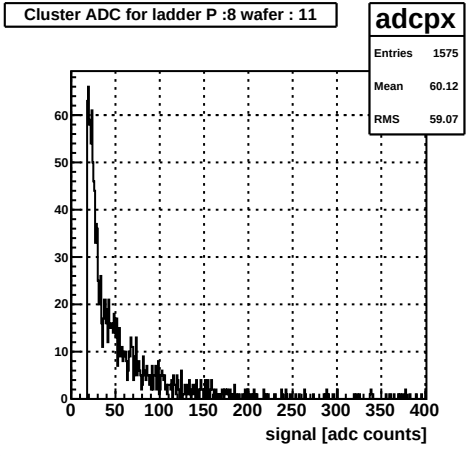

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4994
Mean 37
RMS 32.15
signal [adc counts]

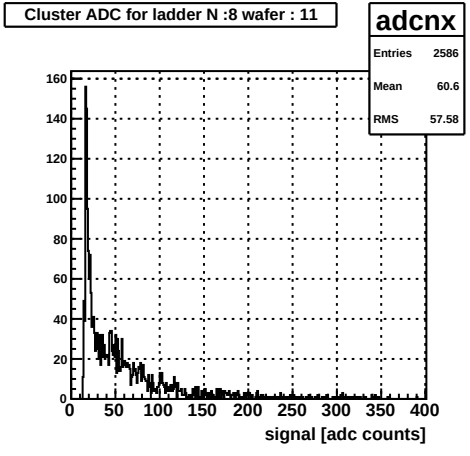

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 3890
Mean 46.51
RMS 47.4
signal [adc counts]

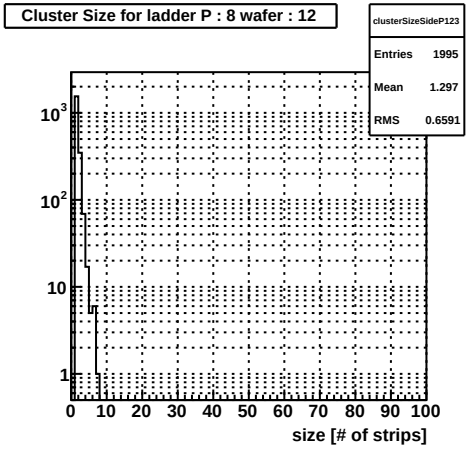

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1575
Mean 1.317
RMS 0.6851
size [# of strips]

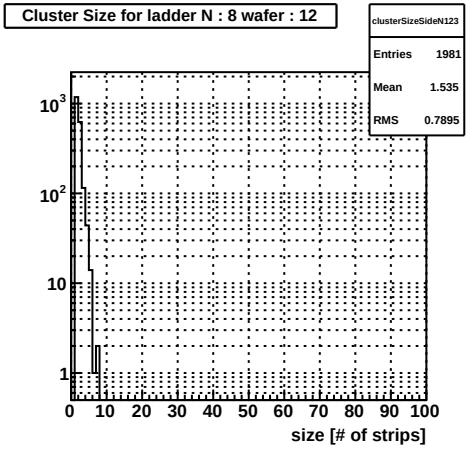

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2586
Mean 1.448
RMS 0.7805
size [# of strips]

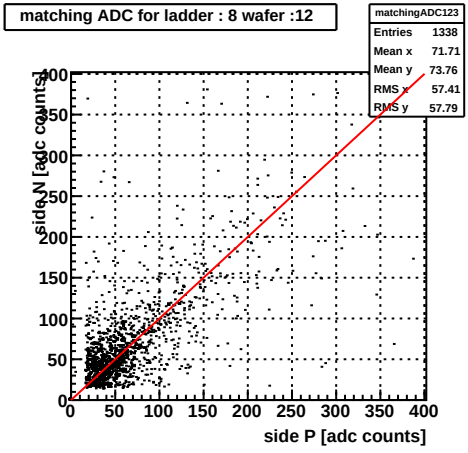

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 956
Mean x 75.92
Mean y 77.59
RMS x 58.08
RMS y 58.19
side N [adc counts]
side P [adc counts]

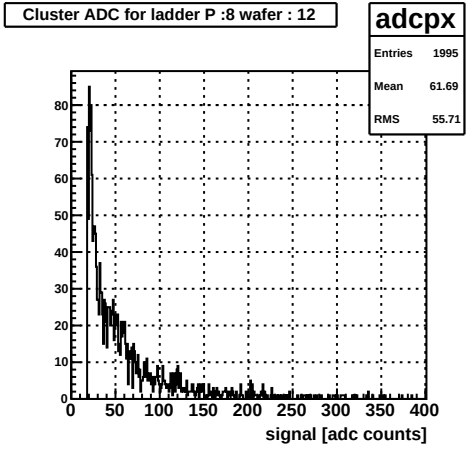

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1575
Mean 60.12
RMS 59.07
signal [adc counts]

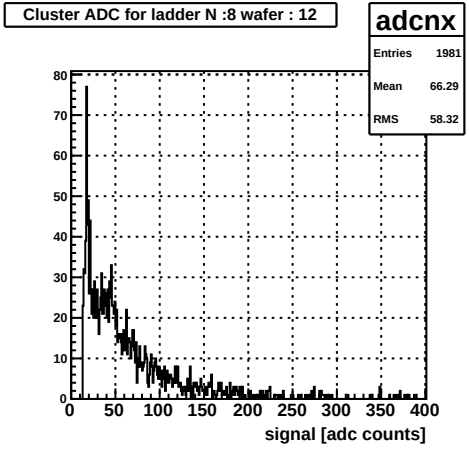

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2586
Mean 60.6
RMS 57.58
signal [adc counts]

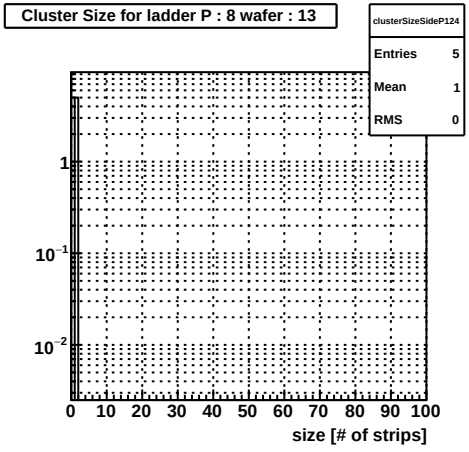

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1995
Mean 1.297
RMS 0.6591
size [# of strips]

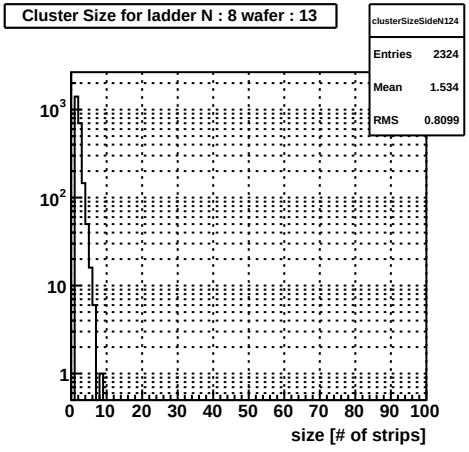

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1981
Mean 1.535
RMS 0.7895
size [# of strips]

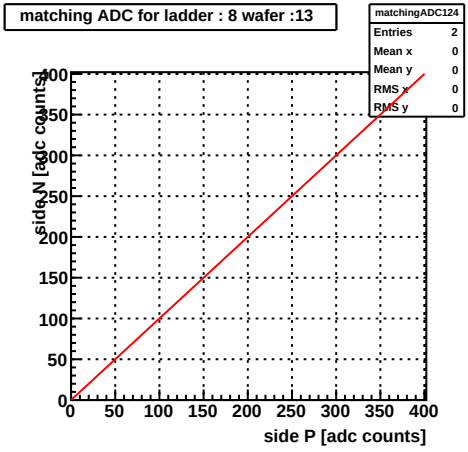

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1338
Mean x 71.71
Mean y 73.76
RMS x 57.41
RMS y 57.79
side N [adc counts]
side P [adc counts]

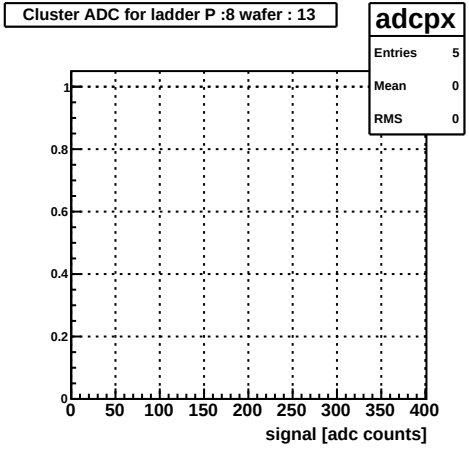

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1995
Mean 61.69
RMS 55.71
signal [adc counts]

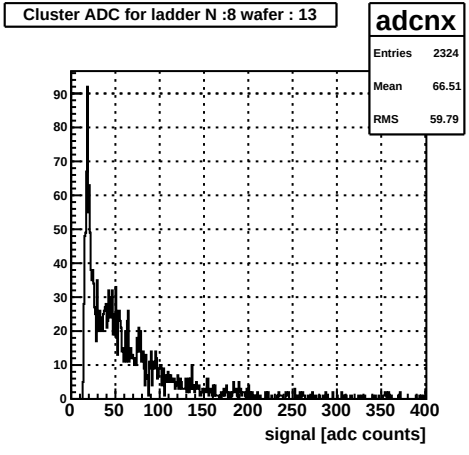

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1981
Mean 66.29
RMS 58.32
signal [adc counts]

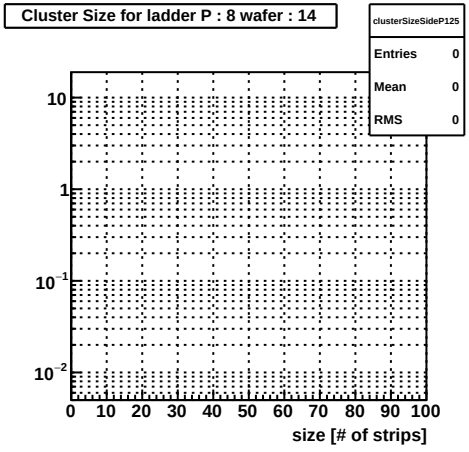

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 5
Mean 1
RMS 0
size [# of strips]

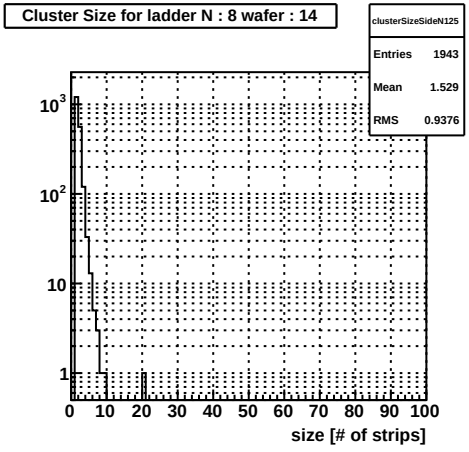

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2324
Mean 1.534
RMS 0.8099
size [# of strips]

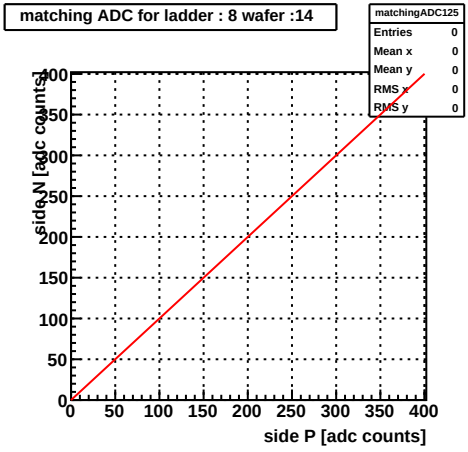

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

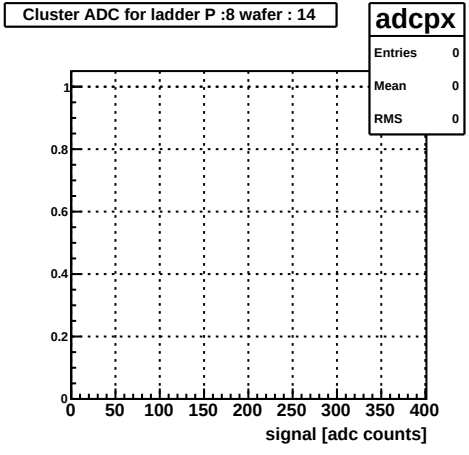

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

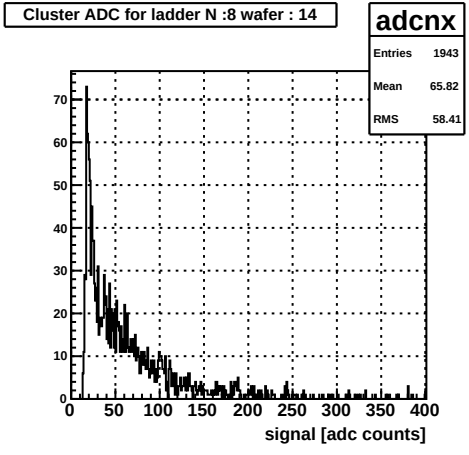

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2324
Mean 66.51
RMS 59.79
signal [adc counts]

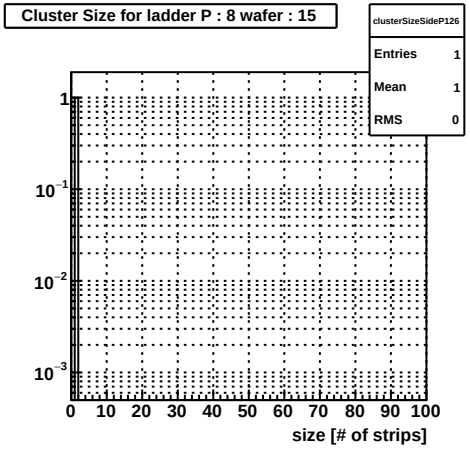

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

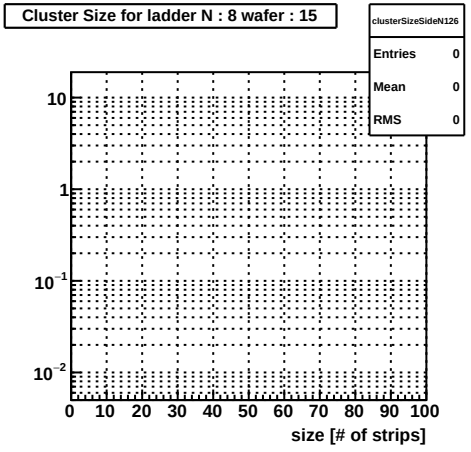

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1943
Mean 1.529
RMS 0.9376
size [# of strips]

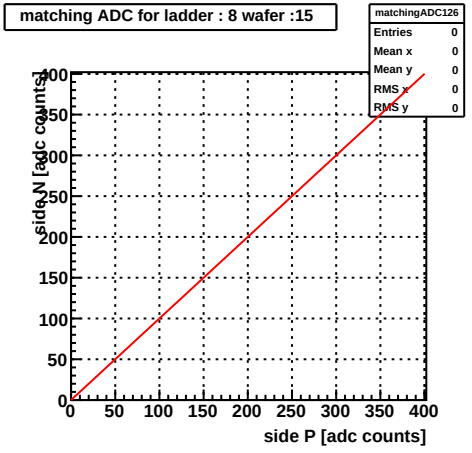

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

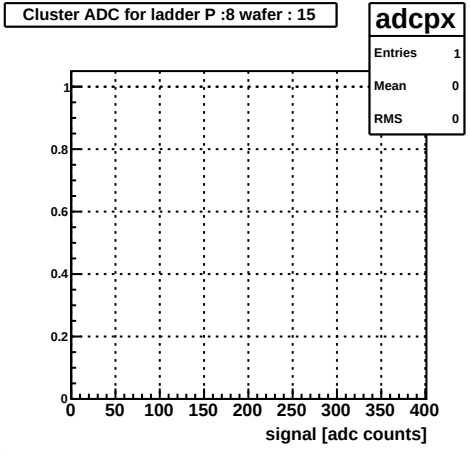

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

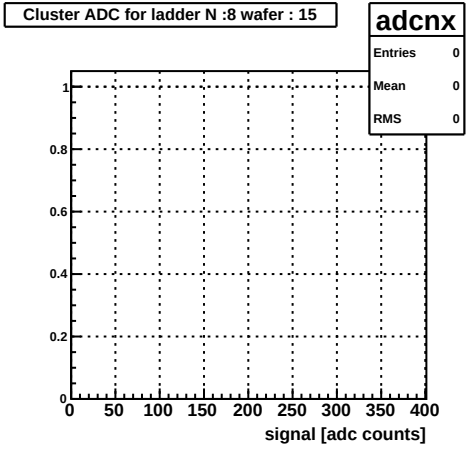

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1943
Mean 65.82
RMS 58.41
signal [adc counts]

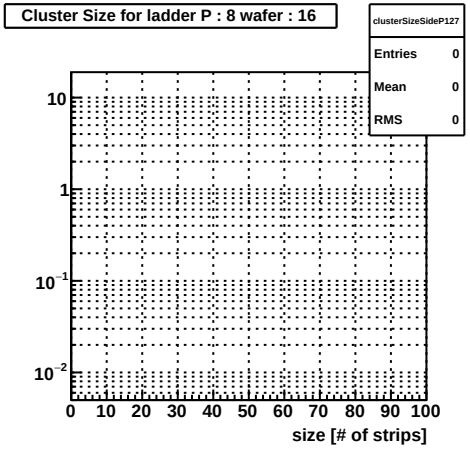

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

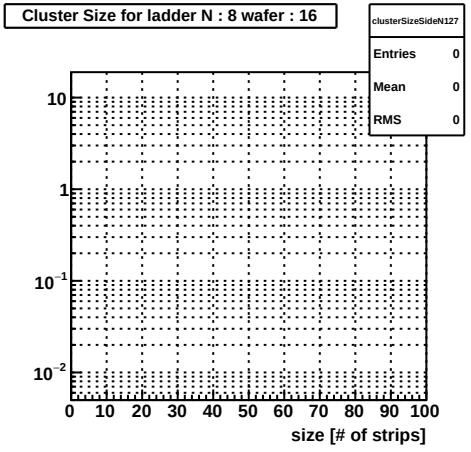

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

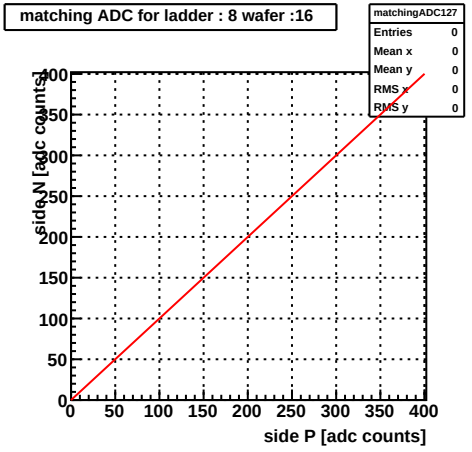

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

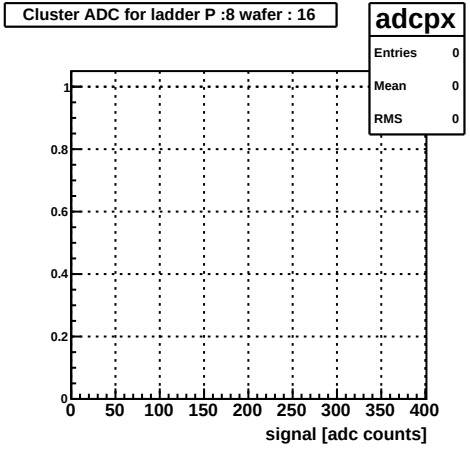

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

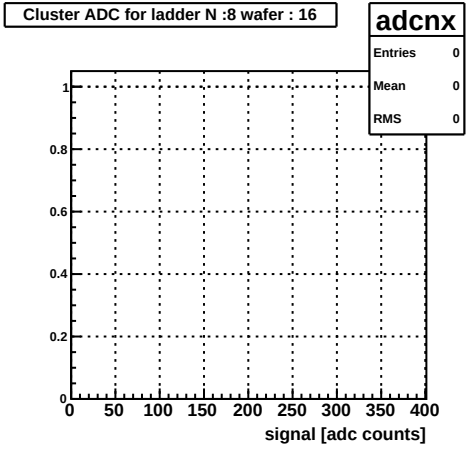

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

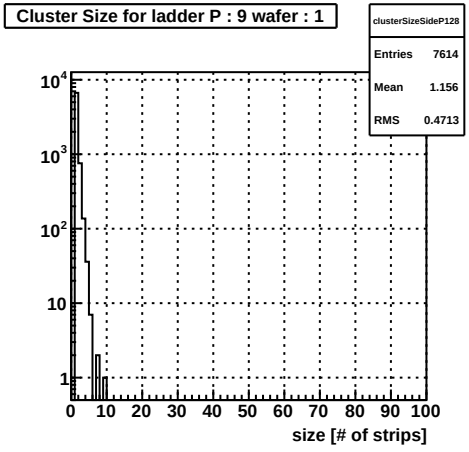

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

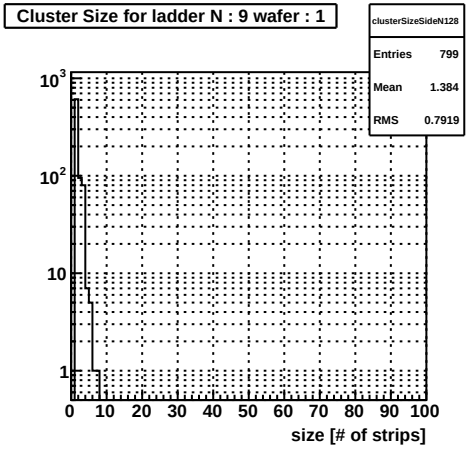

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

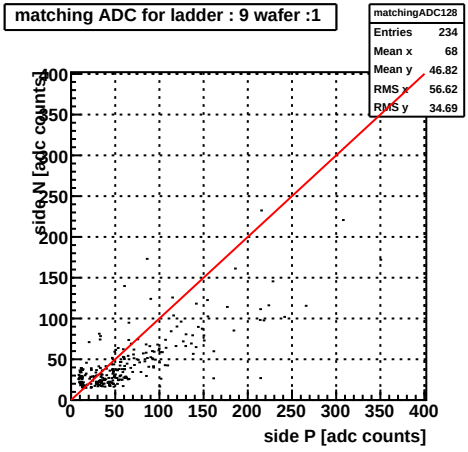

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

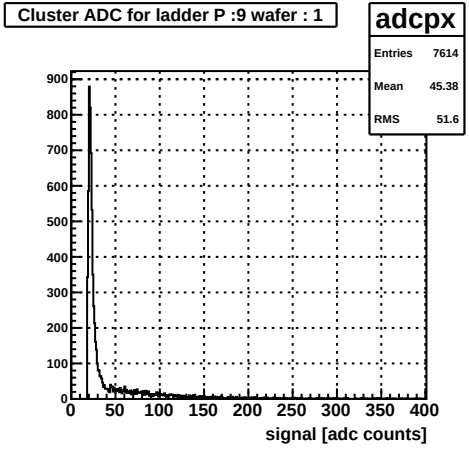

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

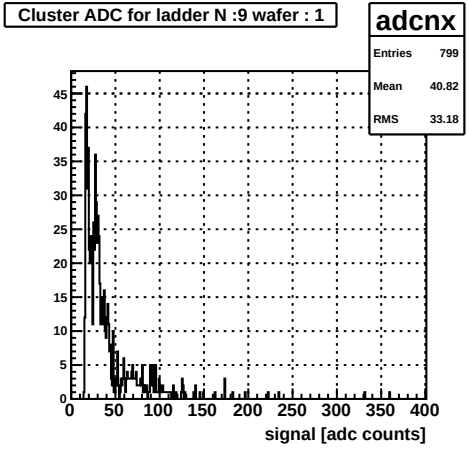

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

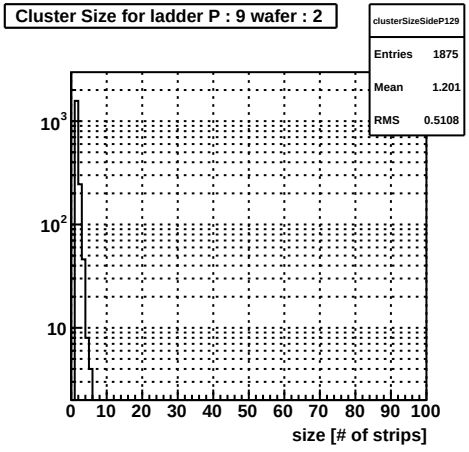

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 7614
Mean 1.156
RMS 0.4713
size [# of strips]

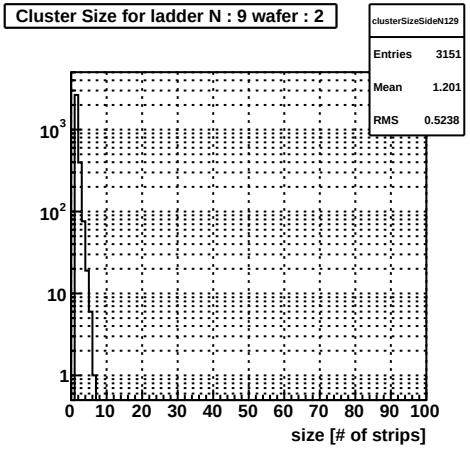

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 799
Mean 1.384
RMS 0.7919
size [# of strips]

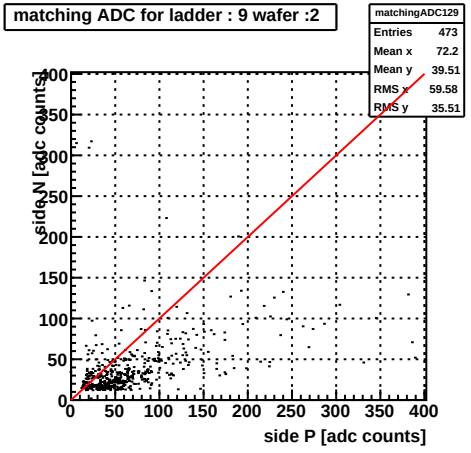

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 234
Mean x 68
Mean y 46.82
RMS x 56.62
RMS y 34.69
side N [adc counts]
side P [adc counts]

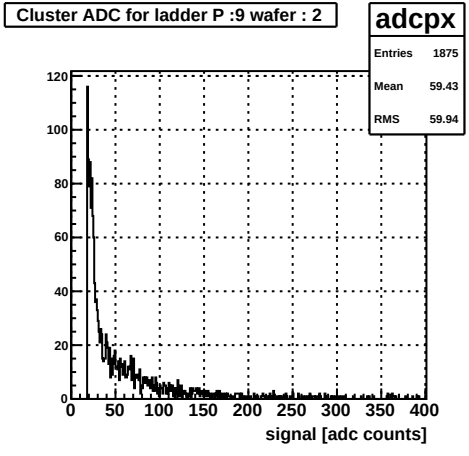

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 7614
Mean 45.38
RMS 51.6
signal [adc counts]

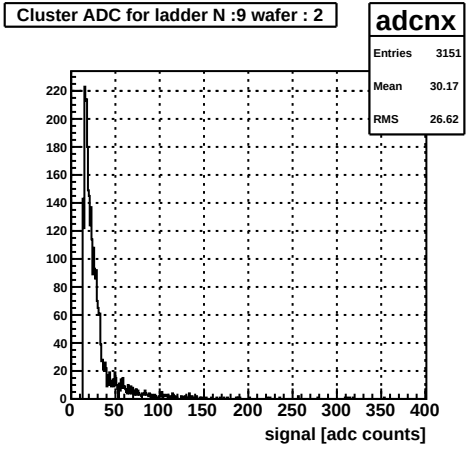

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 799
Mean 40.82
RMS 33.18
signal [adc counts]

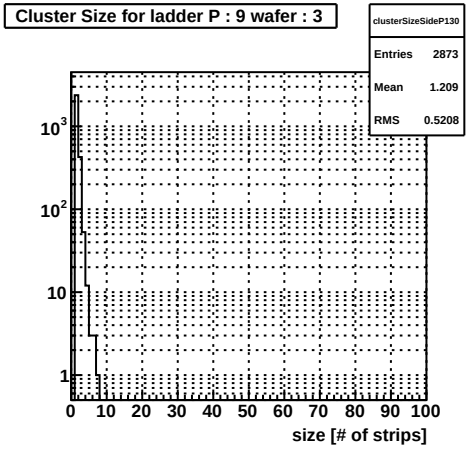

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1875
Mean 1.201
RMS 0.5108
size [# of strips]

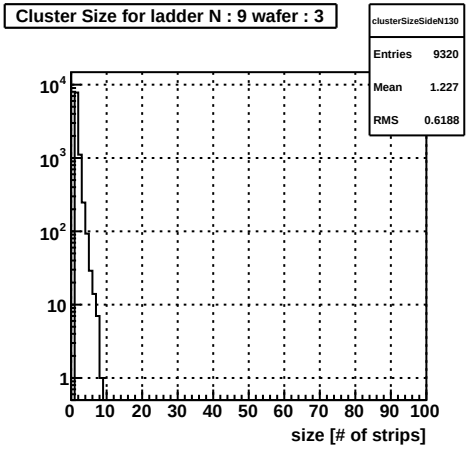

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3151
Mean 1.201
RMS 0.5238
size [# of strips]

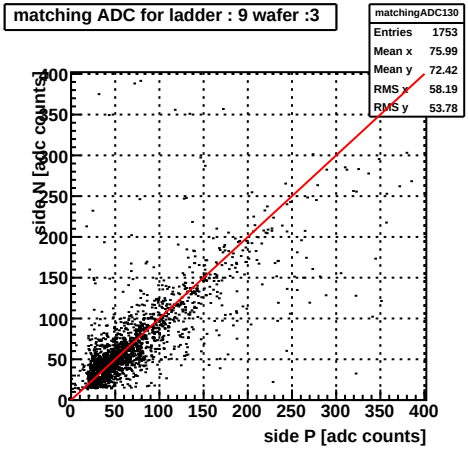

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 473
Mean x 72.2
Mean y 39.51
RMS x 59.58
RMS y 35.51
side N [adc counts]
side P [adc counts]

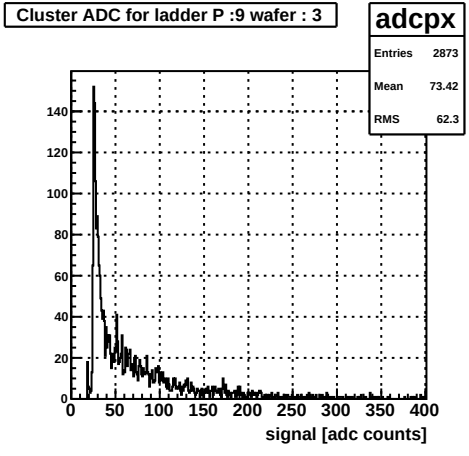

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1875
Mean 59.43
RMS 59.94
signal [adc counts]

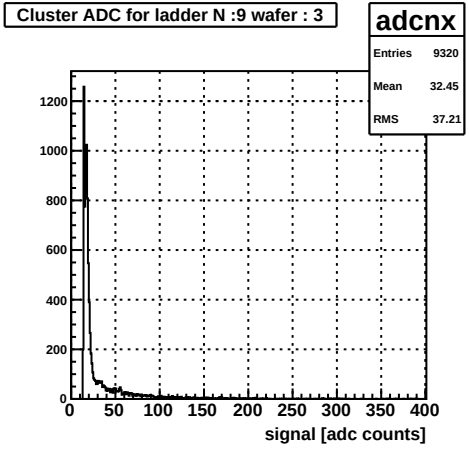

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3151
Mean 30.17
RMS 26.62
signal [adc counts]

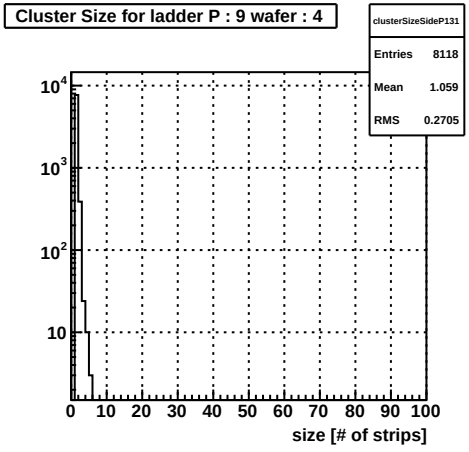

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2873
Mean 1.209
RMS 0.5208
size [# of strips]

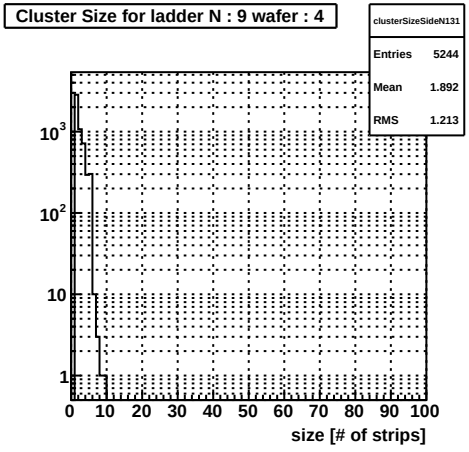

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 9320
Mean 1.227
RMS 0.6188
size [# of strips]

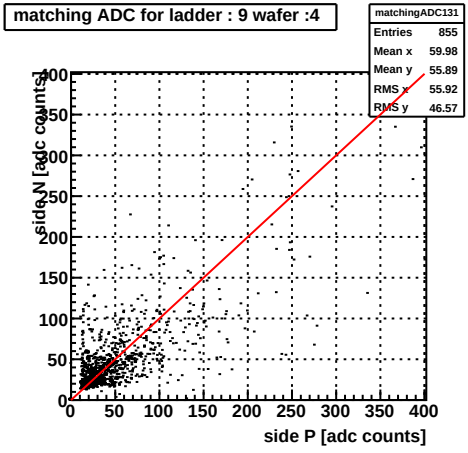

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1753
Mean x 75.99
Mean y 72.42
RMS x 58.19
RMS y 53.78
side N [adc counts]
side P [adc counts]

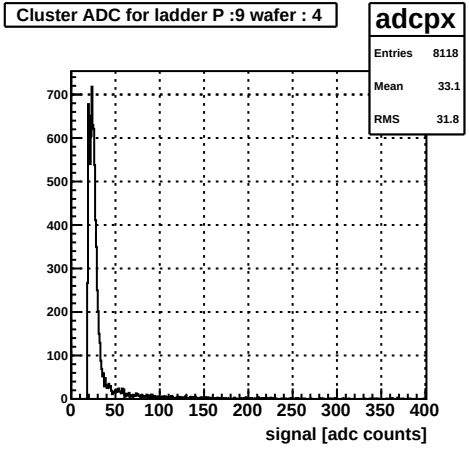

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2873
Mean 73.42
RMS 62.3
signal [adc counts]

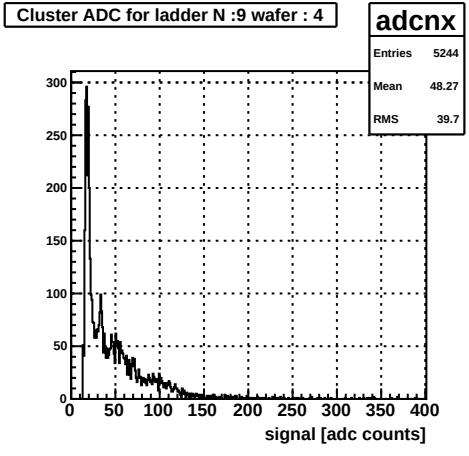

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 9320
Mean 32.45
RMS 37.21
signal [adc counts]

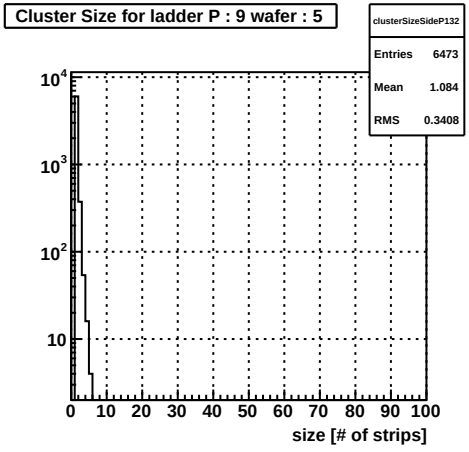

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 8118
Mean 1.059
RMS 0.2705
size [# of strips]

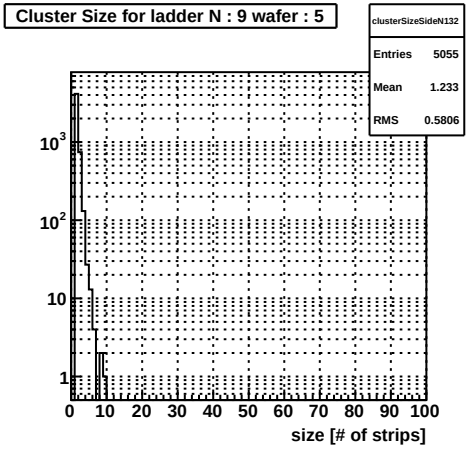

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5244
Mean 1.892
RMS 1.213
size [# of strips]

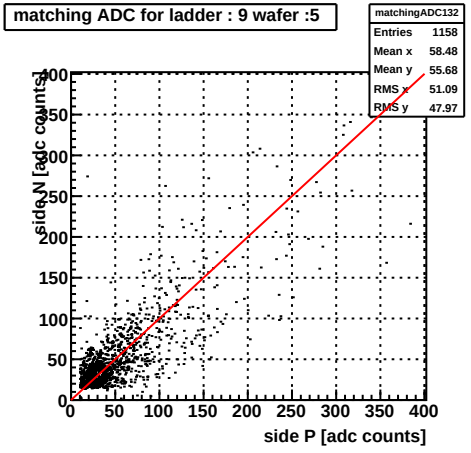

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 855
Mean x 59.98
Mean y 55.89
RMS x 55.92
RMS y 46.57
side N [adc counts]
side P [adc counts]

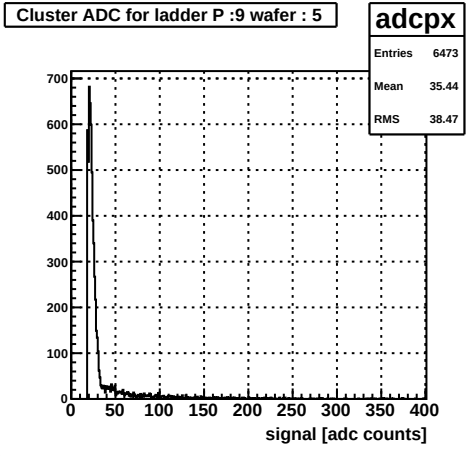

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 8118
Mean 33.1
RMS 31.8
signal [adc counts]

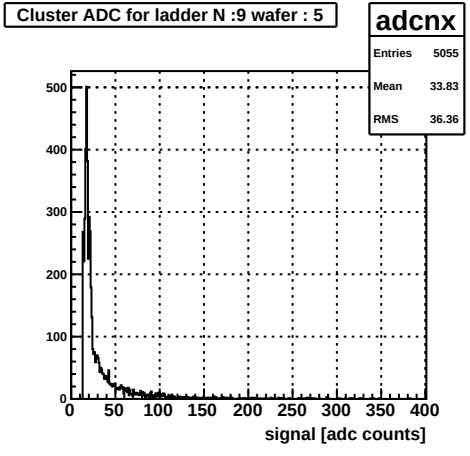

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5244
Mean 48.27
RMS 39.7
signal [adc counts]

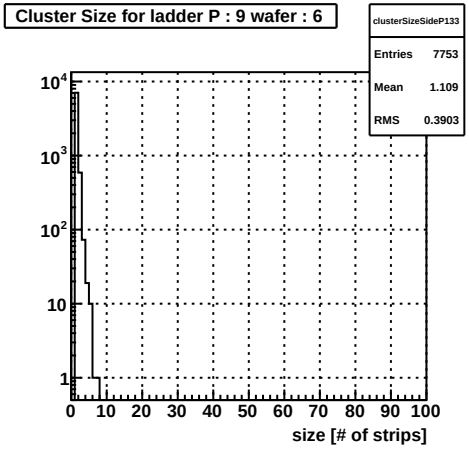

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 6473
Mean 1.084
RMS 0.3408
size [# of strips]

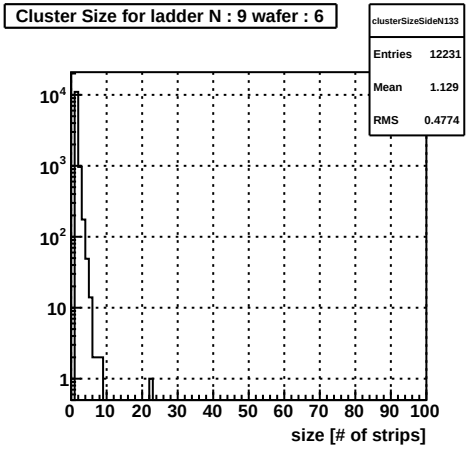

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 5055
Mean 1.233
RMS 0.5806
size [# of strips]

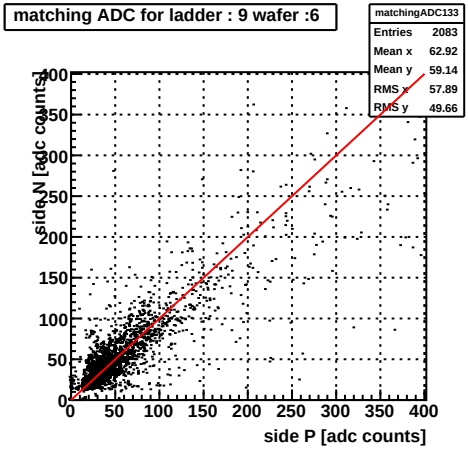

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1158
Mean x 58.48
Mean y 55.68
RMS x 51.09
RMS y 47.97
side N [adc counts]
side P [adc counts]

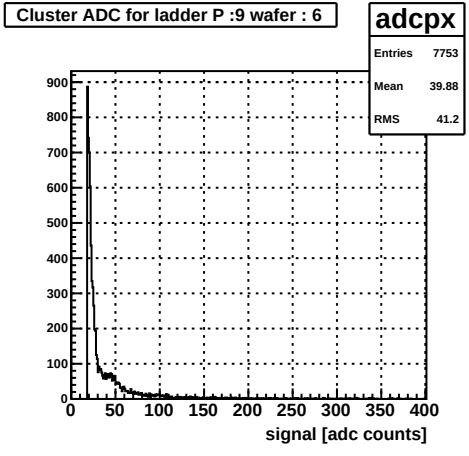

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 6473
Mean 35.44
RMS 38.47
signal [adc counts]

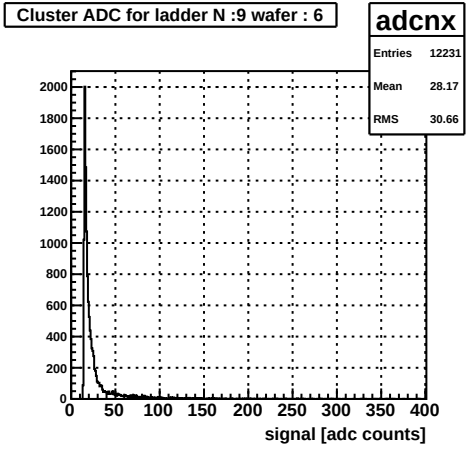

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 5055
Mean 33.83
RMS 36.36
signal [adc counts]

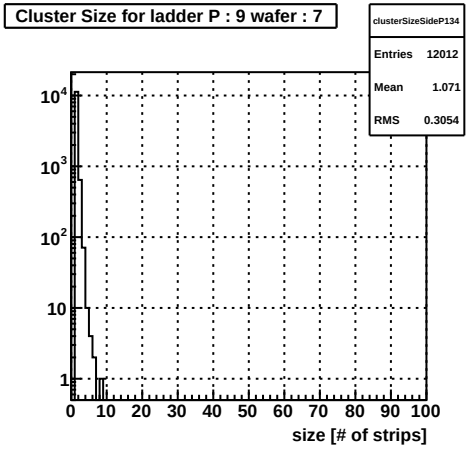

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 7753
Mean 1.109
RMS 0.3903
size [# of strips]

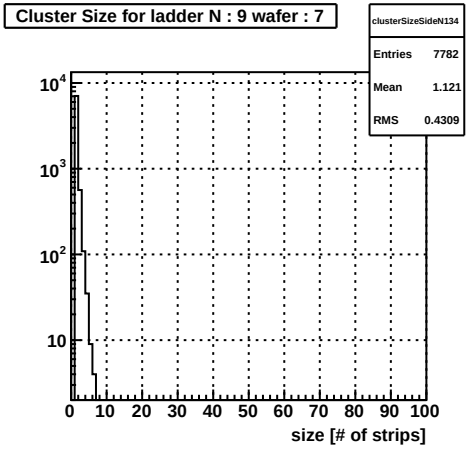

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 12231
Mean 1.129
RMS 0.4774
size [# of strips]

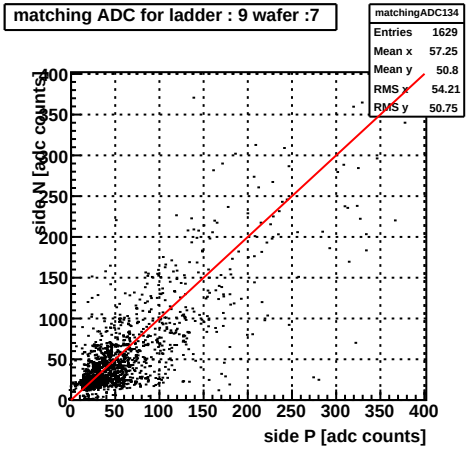

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 2083
Mean x 62.92
Mean y 59.14
RMS x 57.89
RMS y 49.66
side N [adc counts]
side P [adc counts]

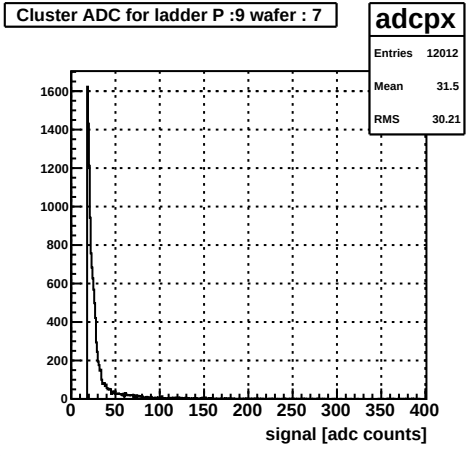

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 7753
Mean 39.88
RMS 41.2
signal [adc counts]

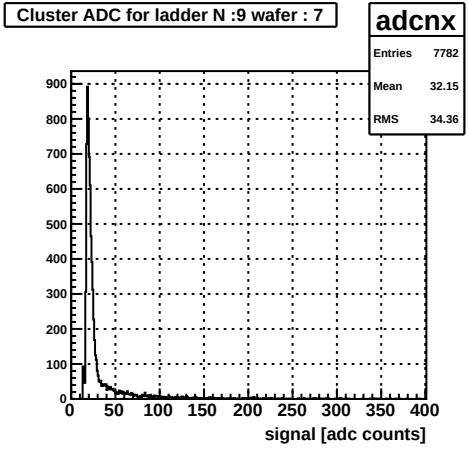

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 12231
Mean 28.17
RMS 30.66
signal [adc counts]

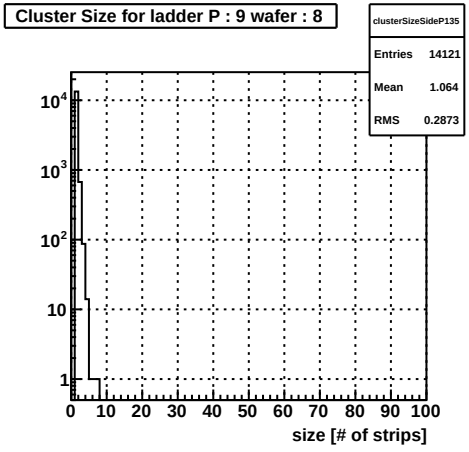

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 12012
Mean 1.071
RMS 0.3054
size [# of strips]

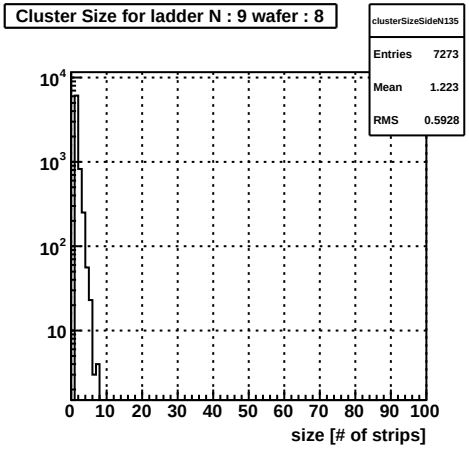

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 7782
Mean 1.121
RMS 0.4309
size [# of strips]

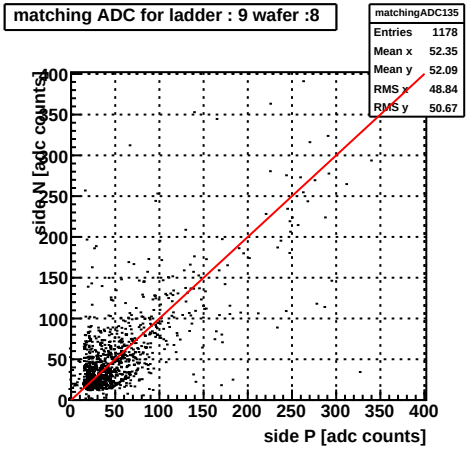

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1629
Mean x 57.25
Mean y 50.8
RMS x 54.21
RMS y 50.75
side N [adc counts]
side P [adc counts]

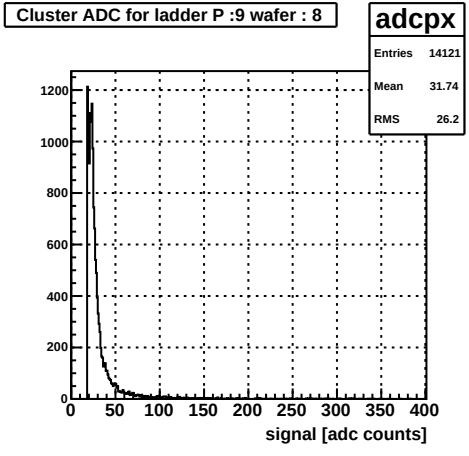

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 12012
Mean 31.5
RMS 30.21
signal [adc counts]

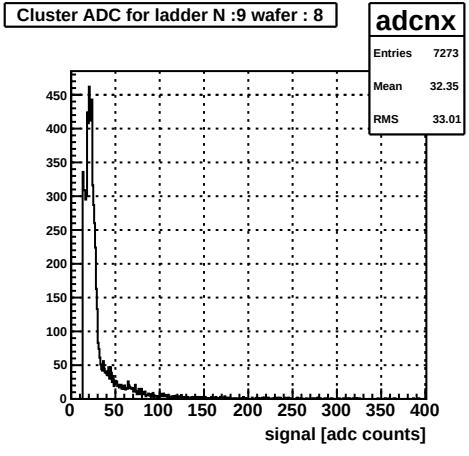

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 7782
Mean 32.15
RMS 34.36
signal [adc counts]

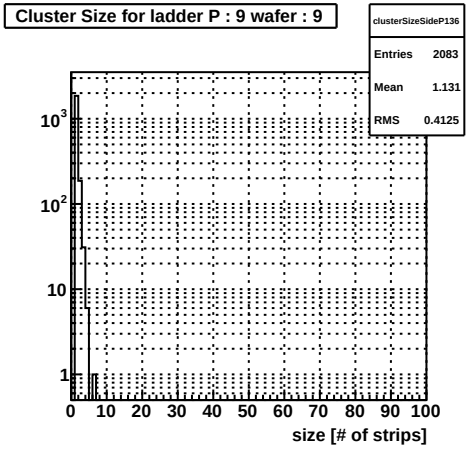

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 14121
Mean 1.064
RMS 0.2873
size [# of strips]

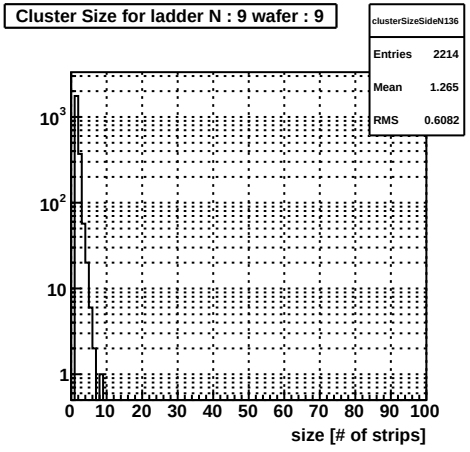

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 7273
Mean 1.223
RMS 0.5928
size [# of strips]

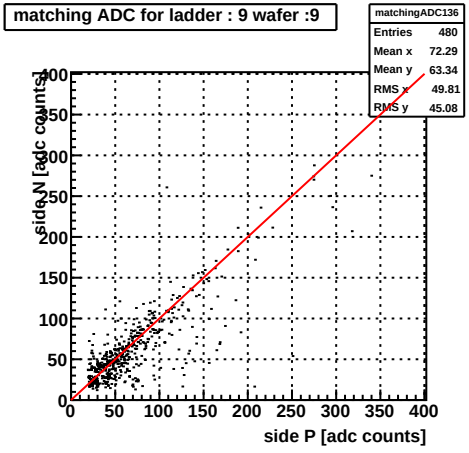

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1178
Mean x 52.35
Mean y 52.09
RMS x 48.84
RMS y 50.67
side N [adc counts]
side P [adc counts]

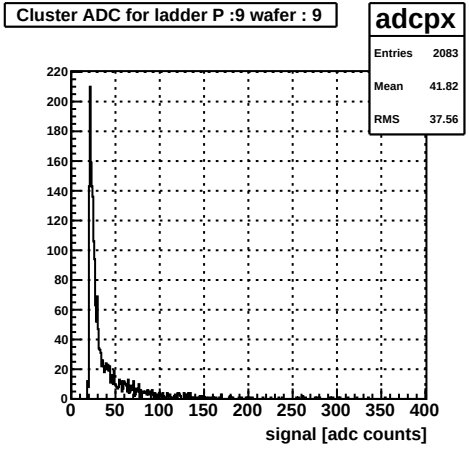

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 14121
Mean 31.74
RMS 26.2
signal [adc counts]

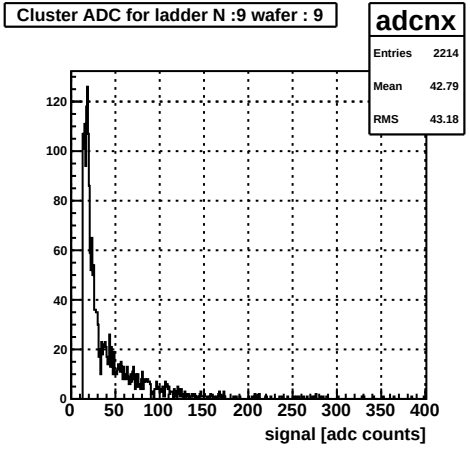

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 7273
Mean 32.35
RMS 33.01
signal [adc counts]

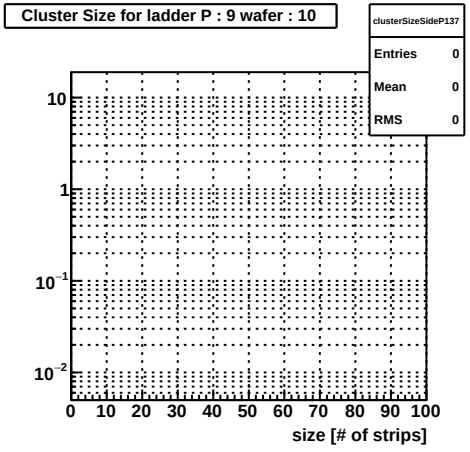

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 2083
Mean 1.131
RMS 0.4125
size [# of strips]

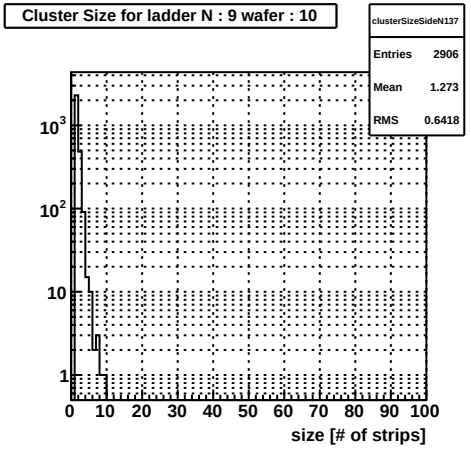

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2214
Mean 1.265
RMS 0.6082
size [# of strips]

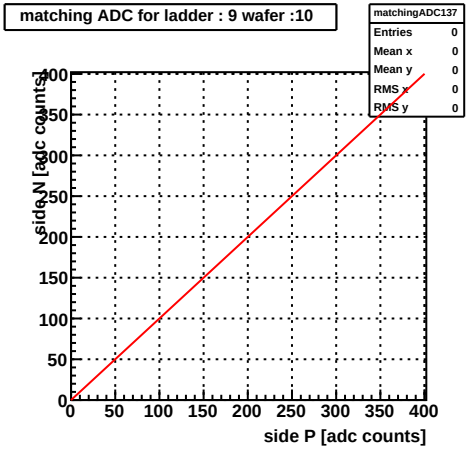

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 480
Mean x 72.29
Mean y 63.34
RMS x 49.81
RMS y 45.08
side N [adc counts]
side P [adc counts]

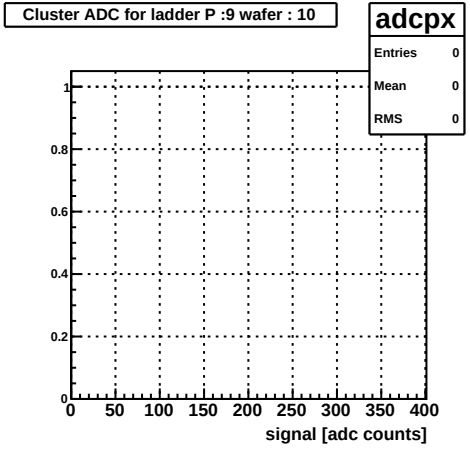

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 2083
Mean 41.82
RMS 37.56
signal [adc counts]

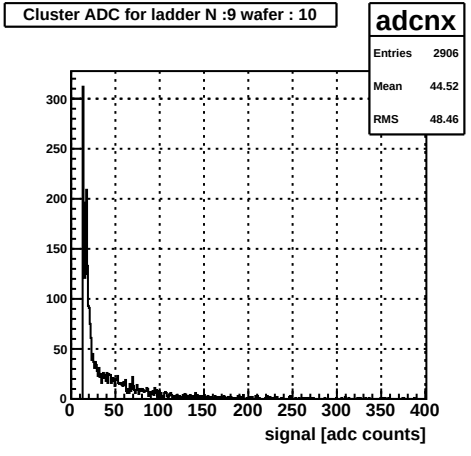

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2214
Mean 42.79
RMS 43.18
signal [adc counts]

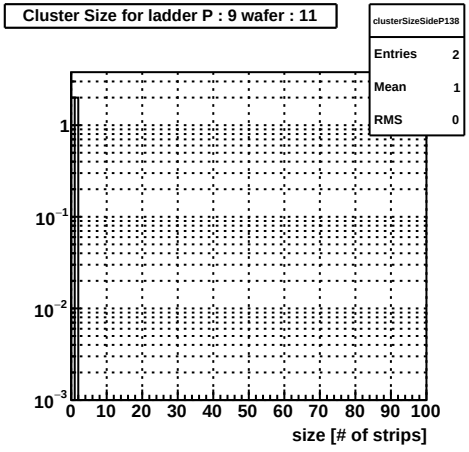

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

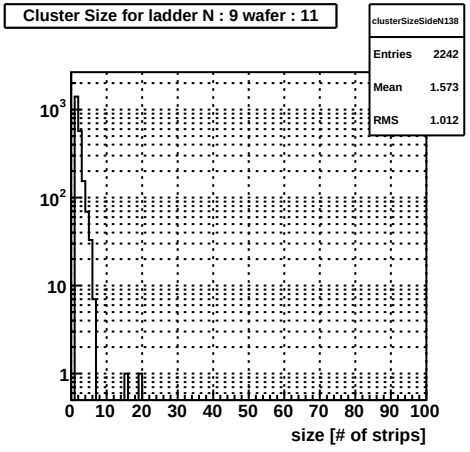

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 2906
Mean 1.273
RMS 0.6418
size [# of strips]

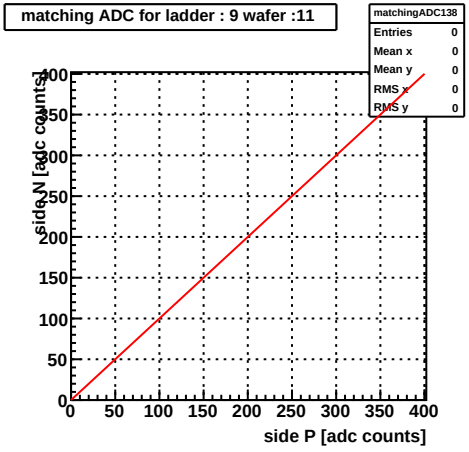

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

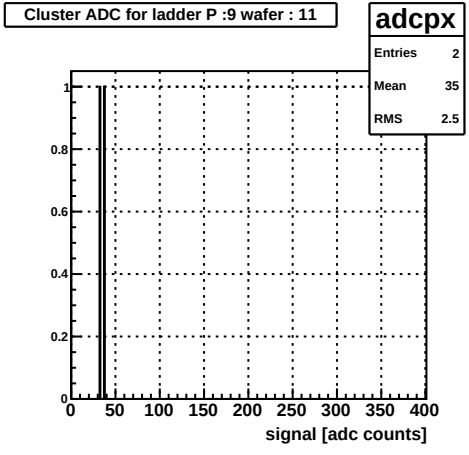

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

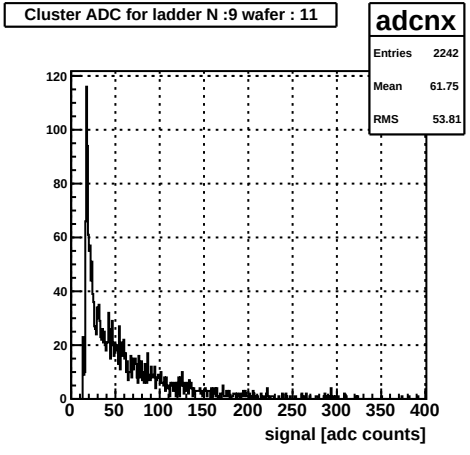

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 2906
Mean 44.52
RMS 48.46
signal [adc counts]

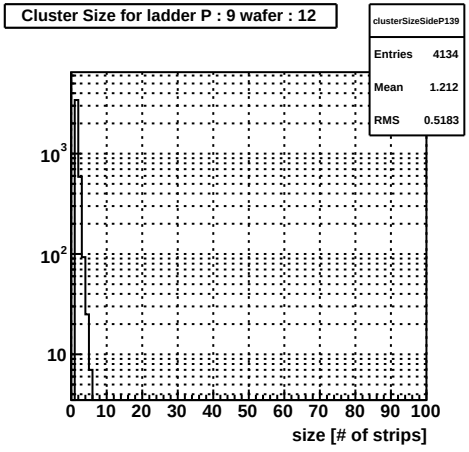

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 2
Mean 1
RMS 0
size [# of strips]

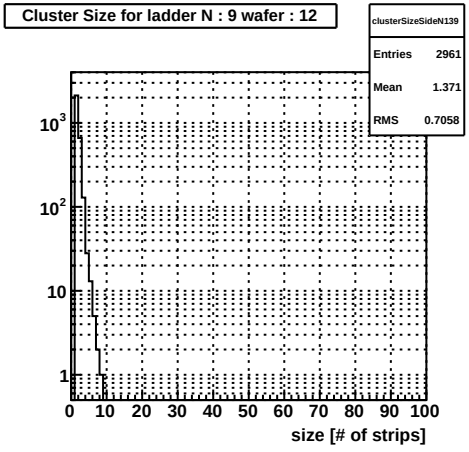

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2242
Mean 1.573
RMS 1.012
size [# of strips]

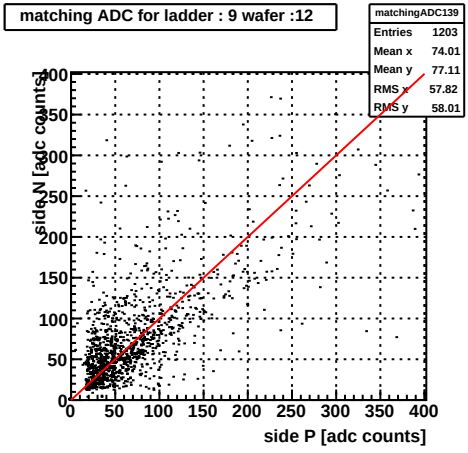

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

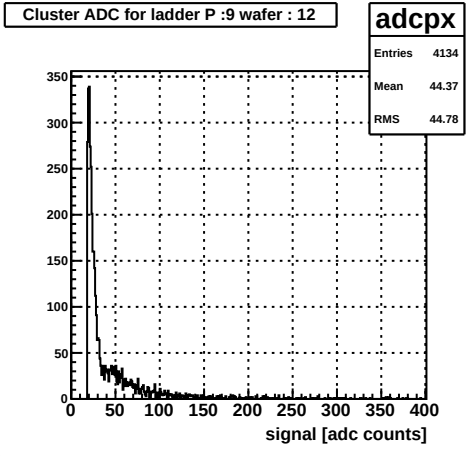

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 2
Mean 35
RMS 2.5
signal [adc counts]

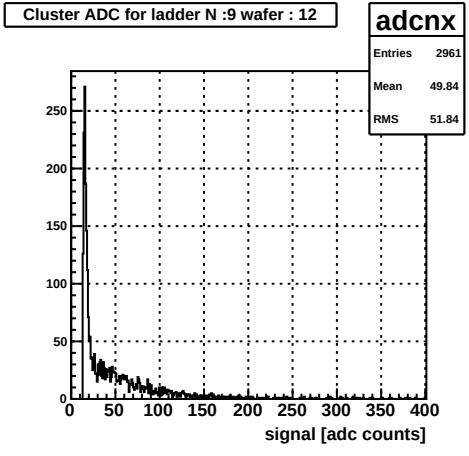

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2242
Mean 61.75
RMS 53.81
signal [adc counts]

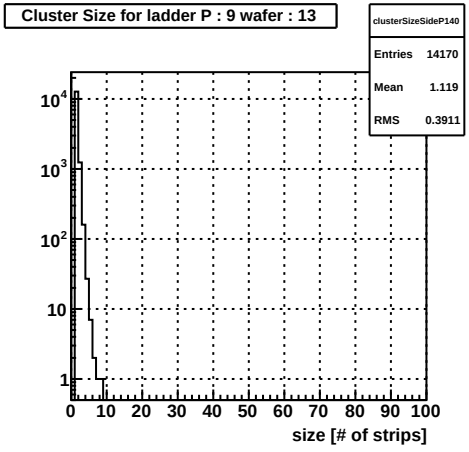

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4134
Mean 1.212
RMS 0.5183
size [# of strips]

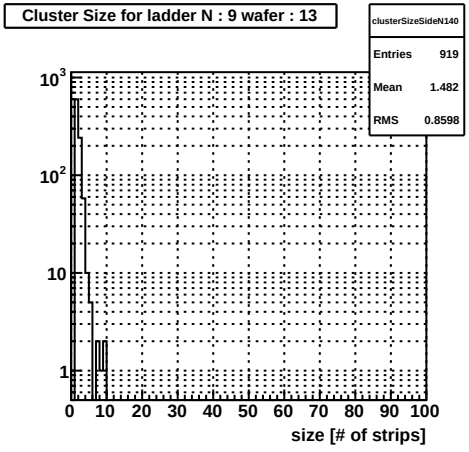

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 2961
Mean 1.371
RMS 0.7058
size [# of strips]

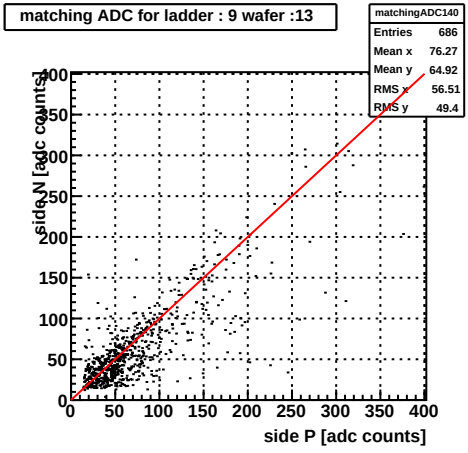

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1203
Mean x 74.01
Mean y 77.11
RMS x 57.82
RMS y 58.01
side N [adc counts]
side P [adc counts]

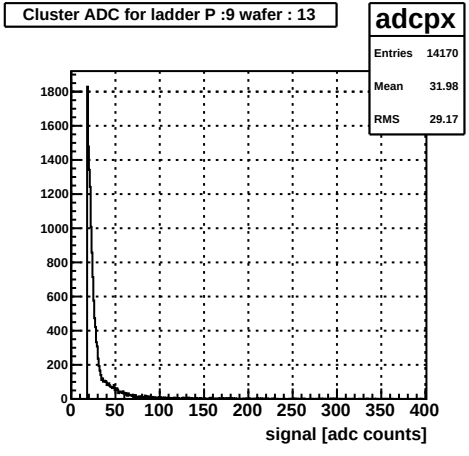

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4134
Mean 44.37
RMS 44.78
signal [adc counts]

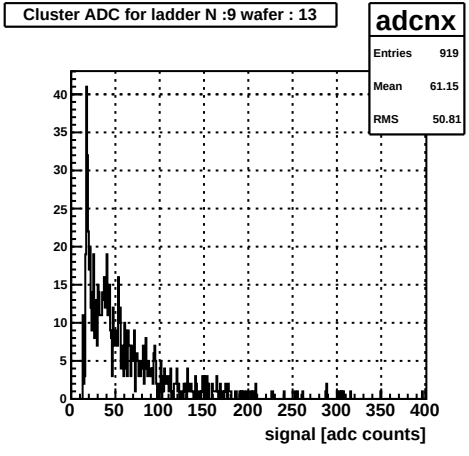

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 2961
Mean 49.84
RMS 51.84
signal [adc counts]

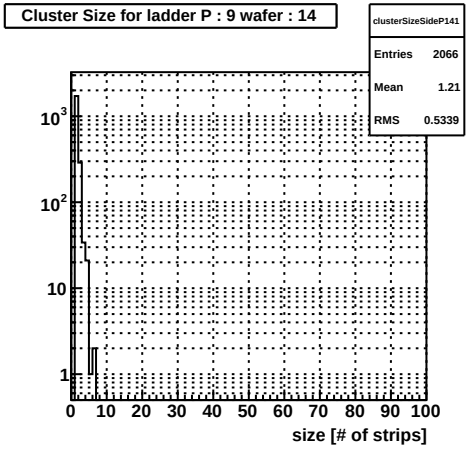

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 14170
Mean 1.119
RMS 0.3911
size [# of strips]

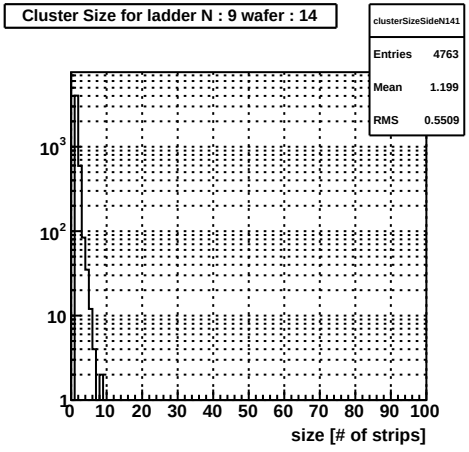

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 919
Mean 1.482
RMS 0.8598
size [# of strips]

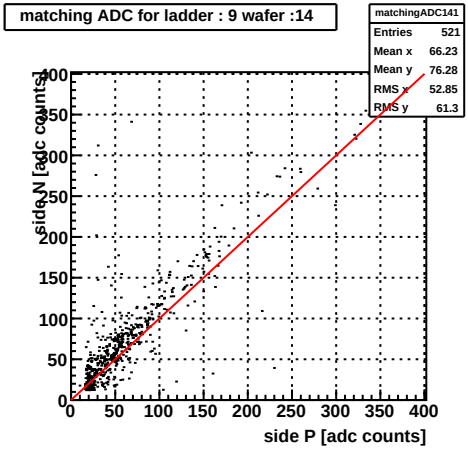

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 686
Mean x 76.27
Mean y 64.92
RMS x 56.51
RMS y 49.4
side N [adc counts]
side P [adc counts]

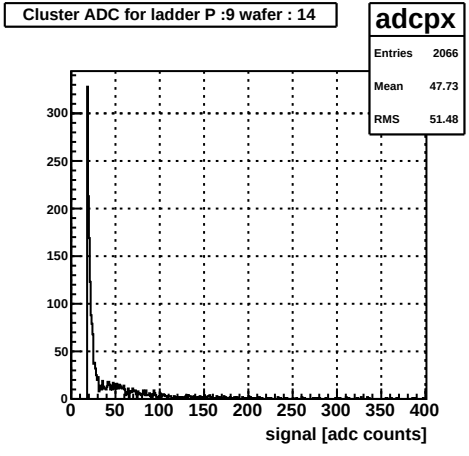

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 14170
Mean 31.98
RMS 29.17
signal [adc counts]

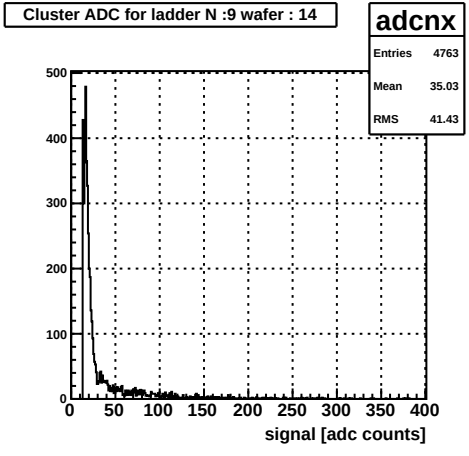

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 919
Mean 61.15
RMS 50.81
signal [adc counts]

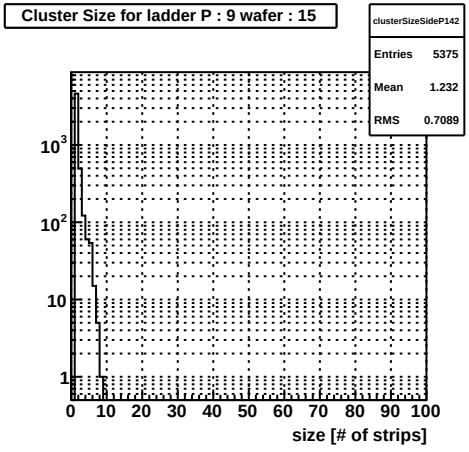

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 2066
Mean 1.21
RMS 0.5339
size [# of strips]

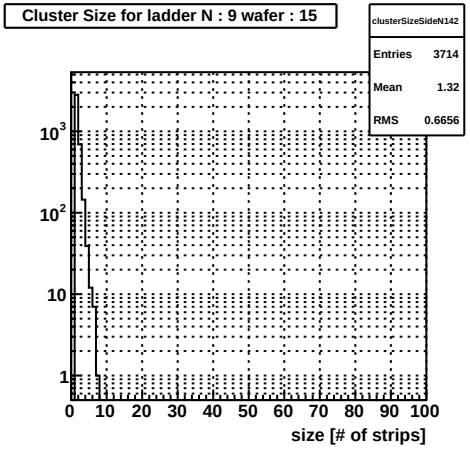

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4763
Mean 1.199
RMS 0.5509
size [# of strips]

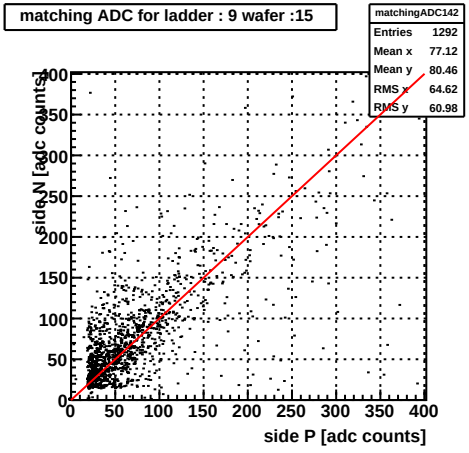

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 521
Mean x 66.23
Mean y 76.28
RMS x 52.85
RMS y 61.3
side N [adc counts]
side P [adc counts]

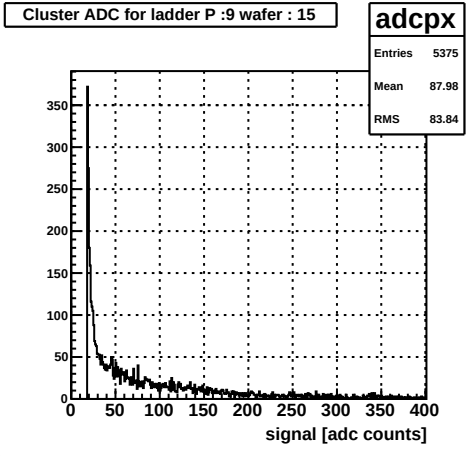

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 2066
Mean 47.73
RMS 51.48
signal [adc counts]

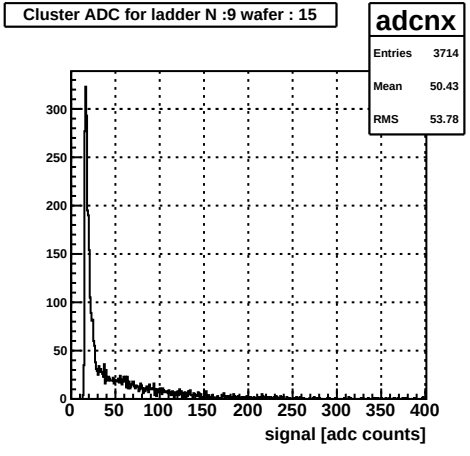

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4763
Mean 35.03
RMS 41.43
signal [adc counts]

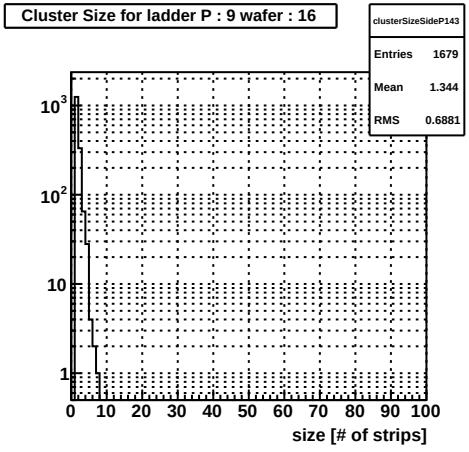

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5375
Mean 1.232
RMS 0.7089
size [# of strips]

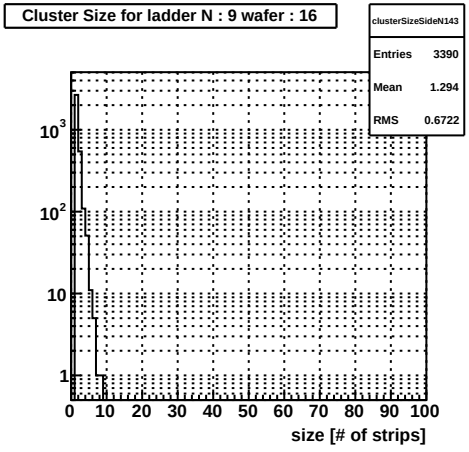

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3714
Mean 1.32
RMS 0.6656
size [# of strips]

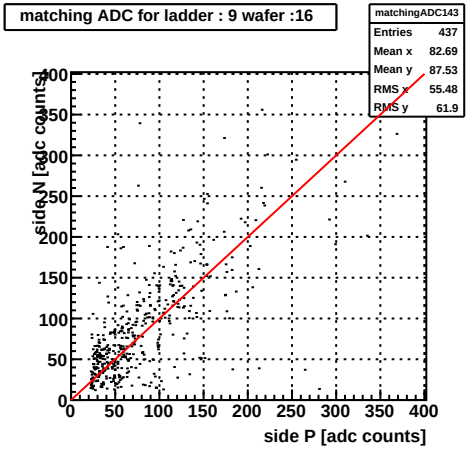

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1292
Mean x 77.12
Mean y 80.46
RMS x 64.62
RMS y 60.98
side N [adc counts]
side P [adc counts]

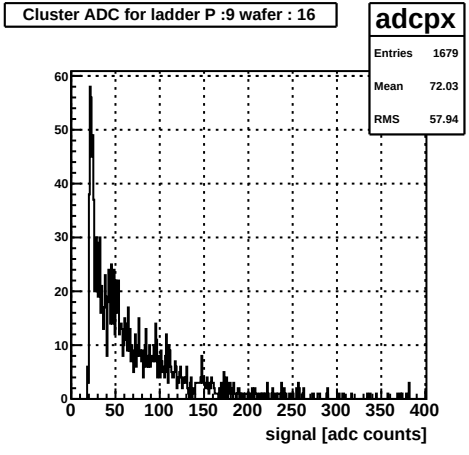

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5375
Mean 87.98
RMS 83.84
signal [adc counts]

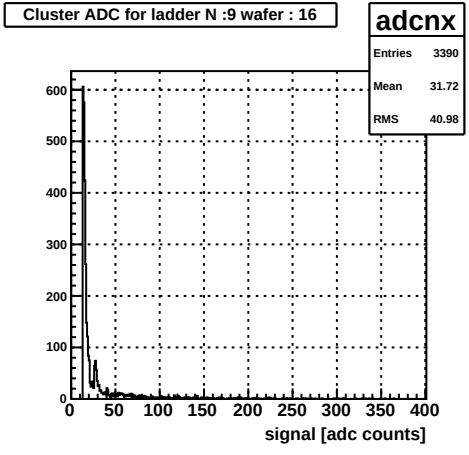

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3714
Mean 50.43
RMS 53.78
signal [adc counts]

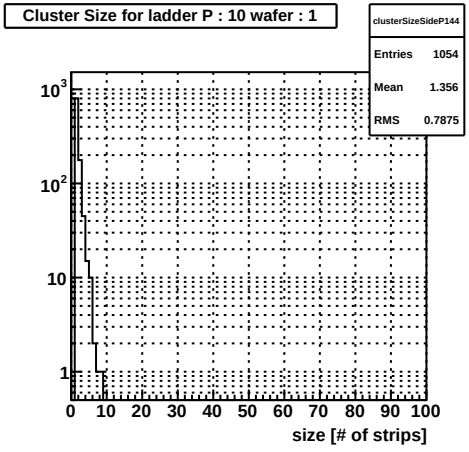

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1679
Mean 1.344
RMS 0.6881
size [# of strips]

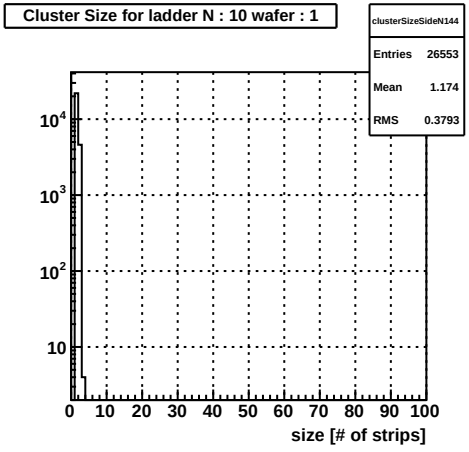

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 3390
Mean 1.294
RMS 0.6722
size [# of strips]

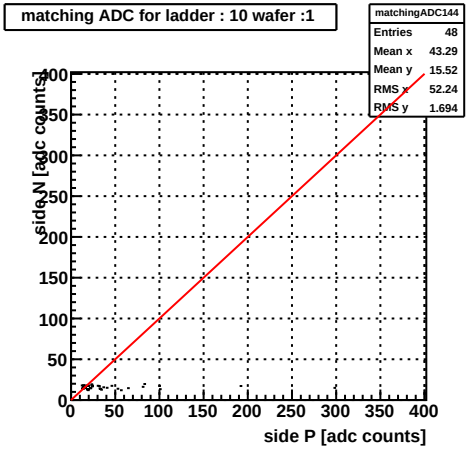

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 437
Mean x 82.69
Mean y 87.53
RMS x 55.48
RMS y 61.9
side N [adc counts]
side P [adc counts]

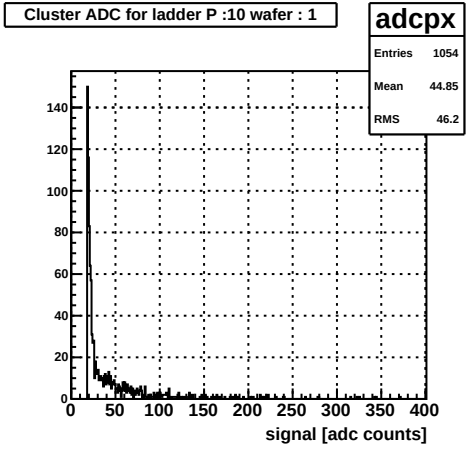

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1679
Mean 72.03
RMS 57.94
signal [adc counts]

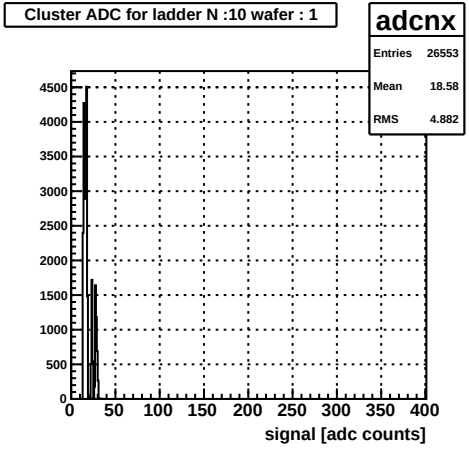

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 3390
Mean 31.72
RMS 40.98
signal [adc counts]

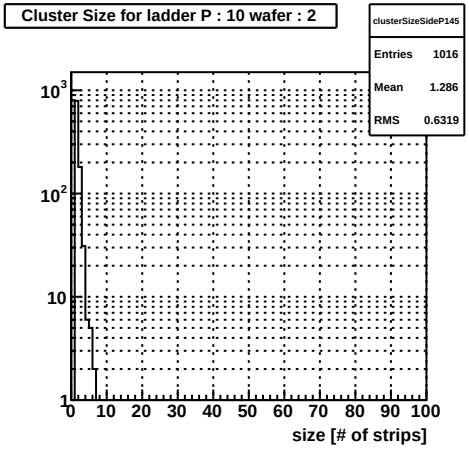

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1054
Mean 1.356
RMS 0.7875
size [# of strips]

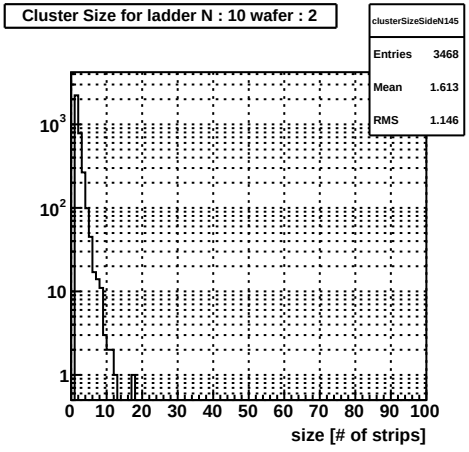

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 26553
Mean 1.174
RMS 0.3793
size [# of strips]

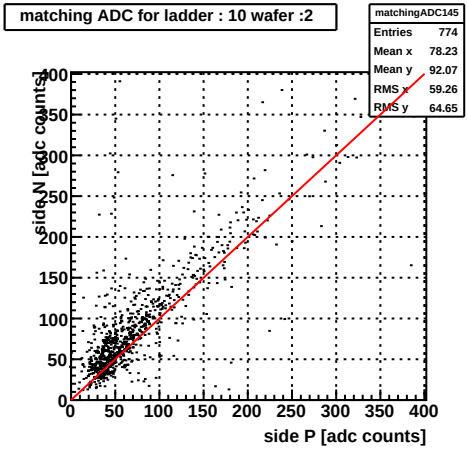

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 48
Mean x 43.29
Mean y 15.52
RMS x 52.24
RMS y 1.694
side N [adc counts]
side P [adc counts]

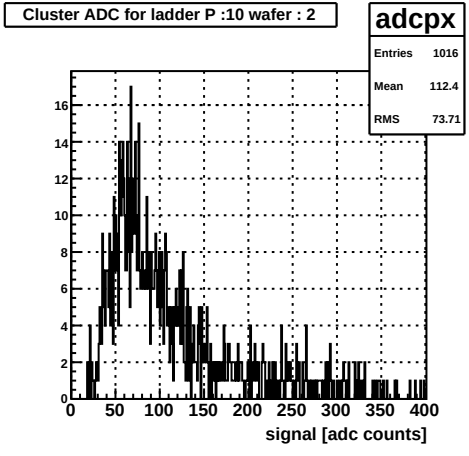

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1054
Mean 44.85
RMS 46.2
signal [adc counts]

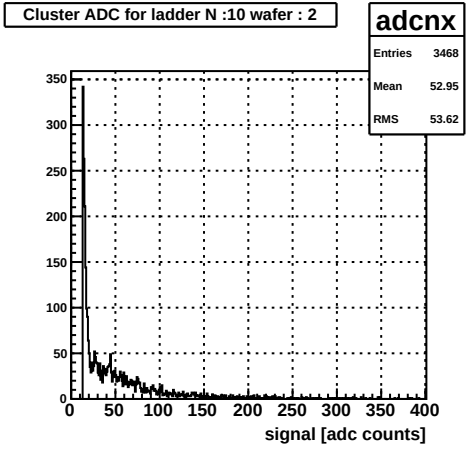

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 26553
Mean 18.58
RMS 4.882
signal [adc counts]

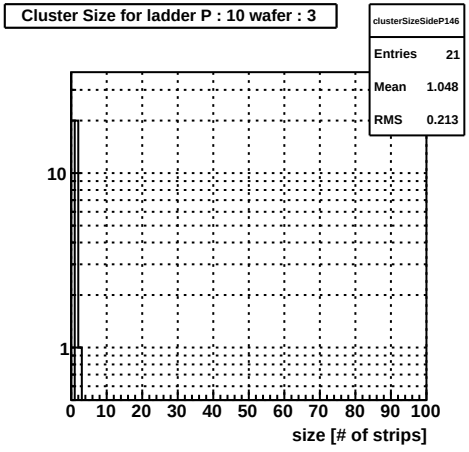

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1016
Mean 1.286
RMS 0.6319
size [# of strips]

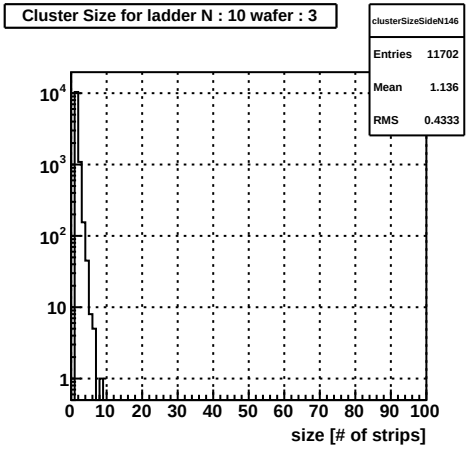

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3468
Mean 1.613
RMS 1.146
size [# of strips]

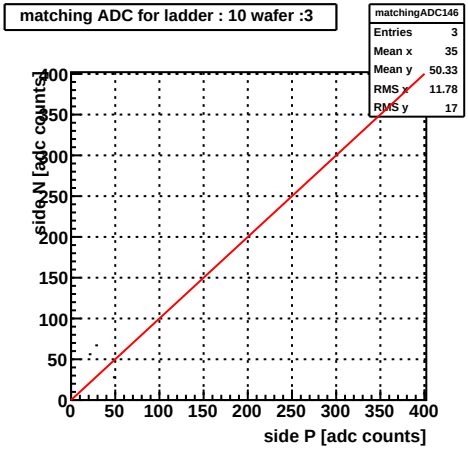

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 774
Mean x 78.23
Mean y 92.07
RMS x 59.26
RMS y 64.65
side N [adc counts]
side P [adc counts]

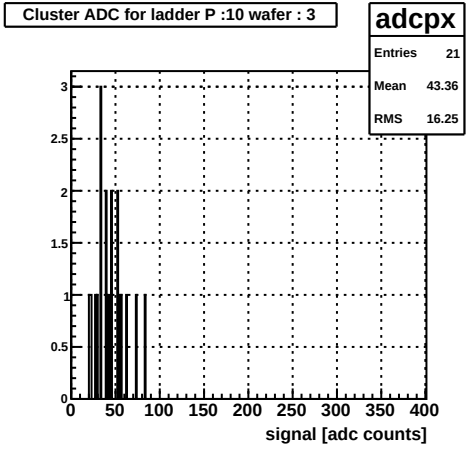

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1016
Mean 112.4
RMS 73.71
signal [adc counts]

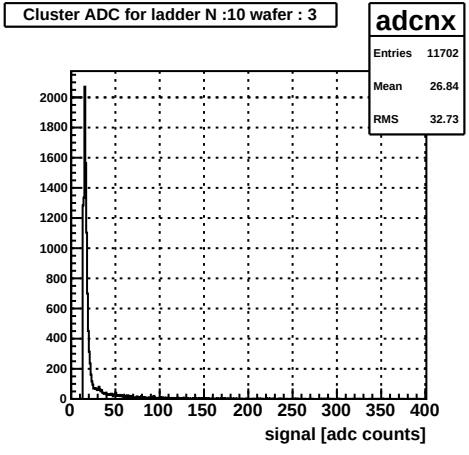

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3468
Mean 52.95
RMS 53.62
signal [adc counts]

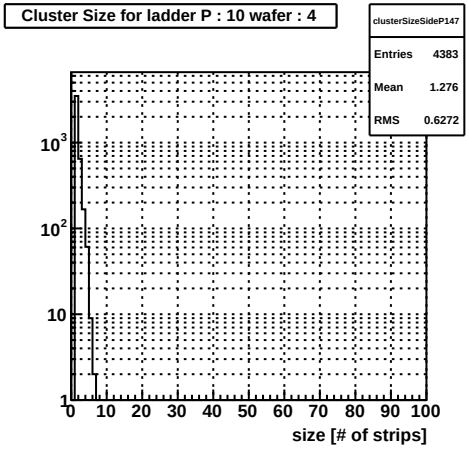

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 21
Mean 1.048
RMS 0.213
size [# of strips]

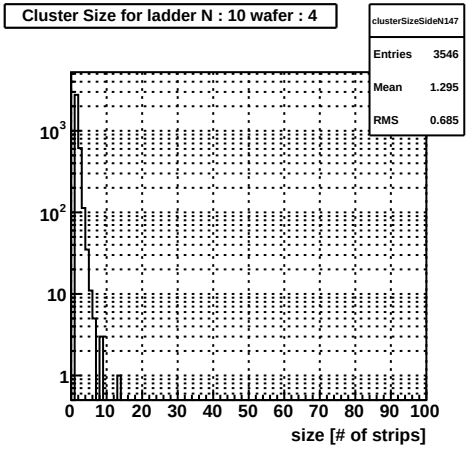

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 11702
Mean 1.136
RMS 0.4333
size [# of strips]

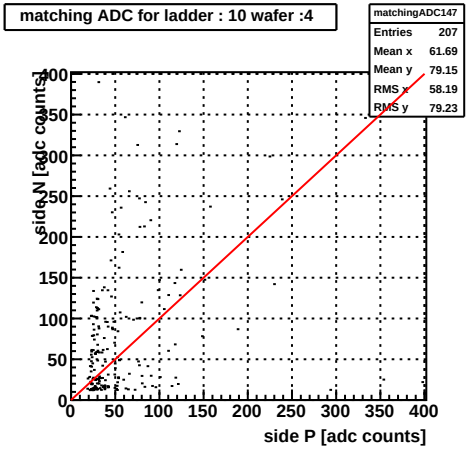

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 3
Mean x 35
Mean y 50.33
RMS x 11.78
RMS y 17
side N [adc counts]
side P [adc counts]

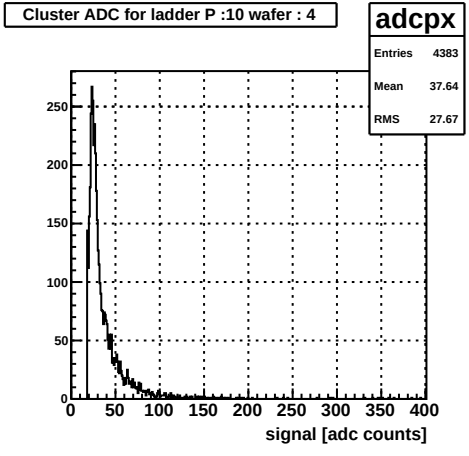

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 21
Mean 43.36
RMS 16.25
signal [adc counts]

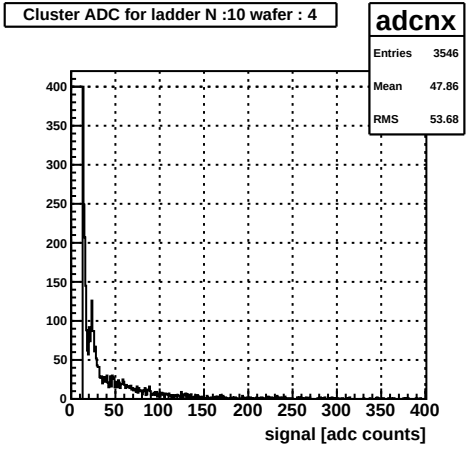

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 11702
Mean 26.84
RMS 32.73
signal [adc counts]

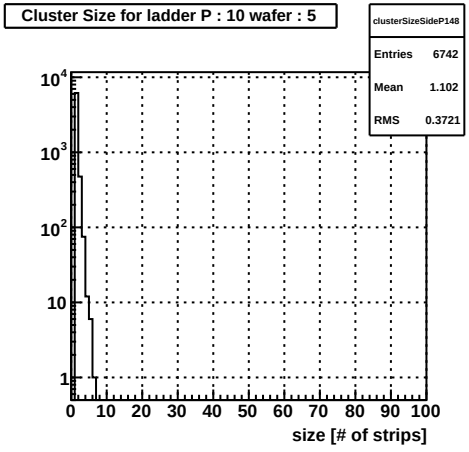

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 4383
Mean 1.276
RMS 0.6272
size [# of strips]

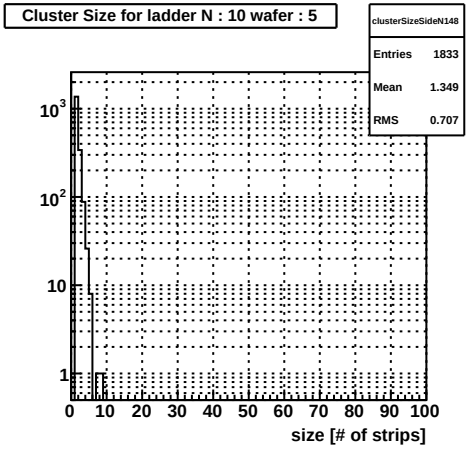

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 3546
Mean 1.295
RMS 0.685
size [# of strips]

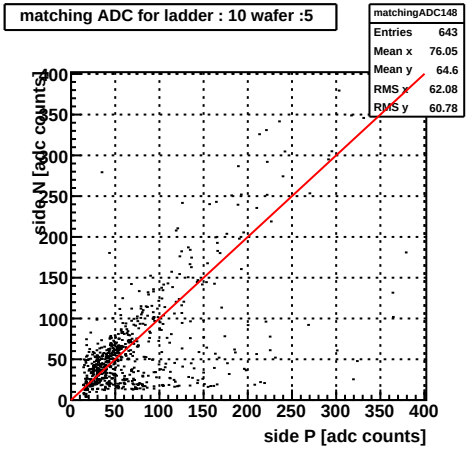

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 207
Mean x 61.69
Mean y 79.15
RMS x 58.19
RMS y 79.23
side N [adc counts]
side P [adc counts]

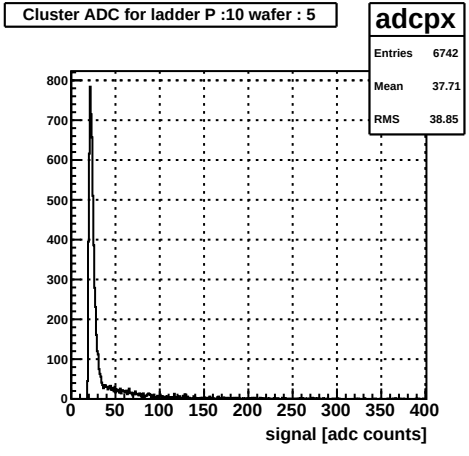

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 4383
Mean 37.64
RMS 27.67
signal [adc counts]

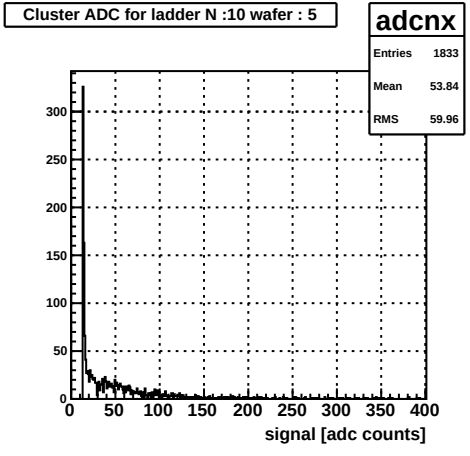

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 3546
Mean 47.86
RMS 53.68
signal [adc counts]

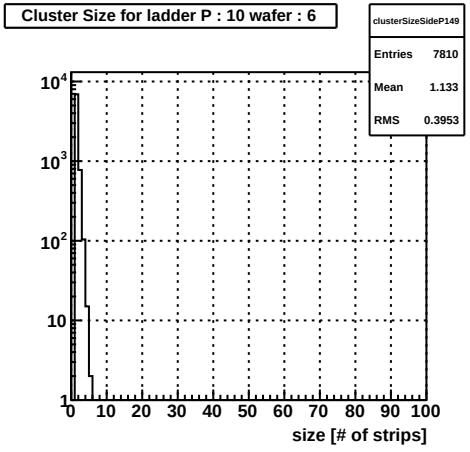

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 6742
Mean 1.102
RMS 0.3721
size [# of strips]

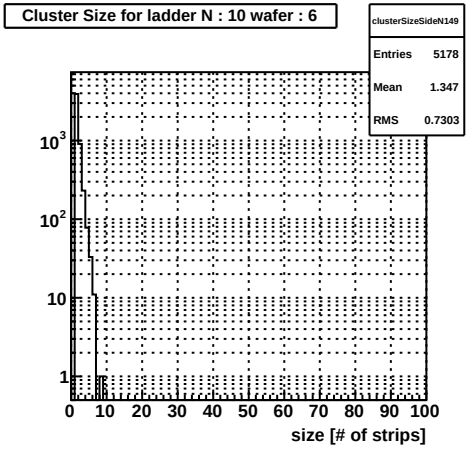

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1833
Mean 1.349
RMS 0.707
size [# of strips]

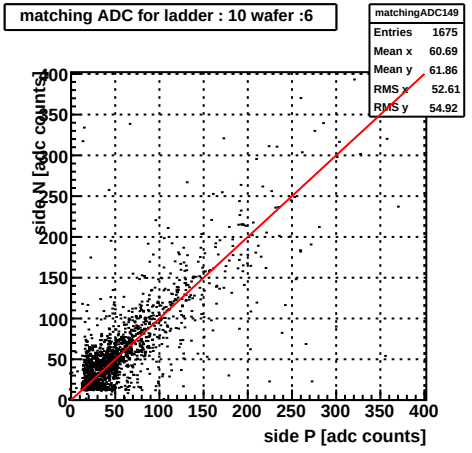

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 643
Mean x 76.05
Mean y 64.6
RMS x 62.08
RMS y 60.78
side N [adc counts]
side P [adc counts]

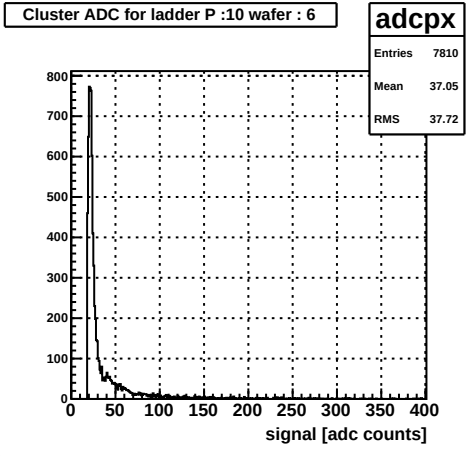

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 6742
Mean 37.71
RMS 38.85
signal [adc counts]

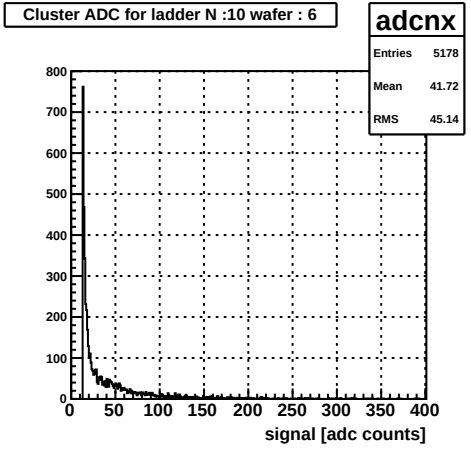

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1833
Mean 53.84
RMS 59.96
signal [adc counts]

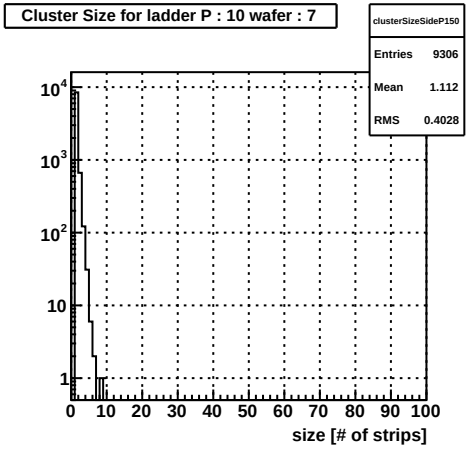

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 7810
Mean 1.133
RMS 0.3953
size [# of strips]

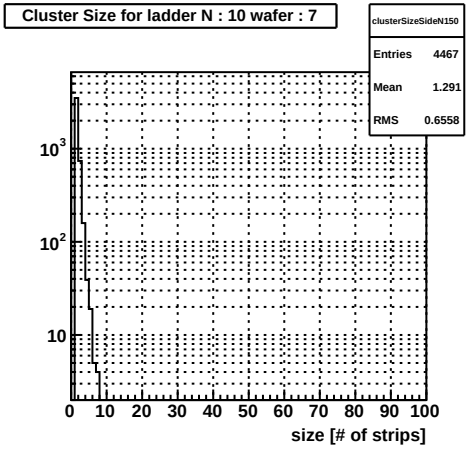

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 5178
Mean 1.347
RMS 0.7303
size [# of strips]

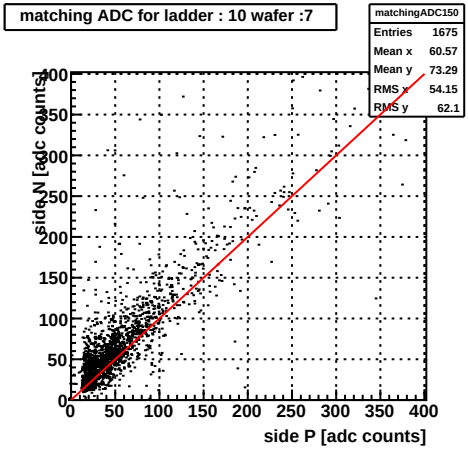

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1675
Mean x 60.69
Mean y 61.86
RMS x 52.61
RMS y 54.92
side N [adc counts]
side P [adc counts]

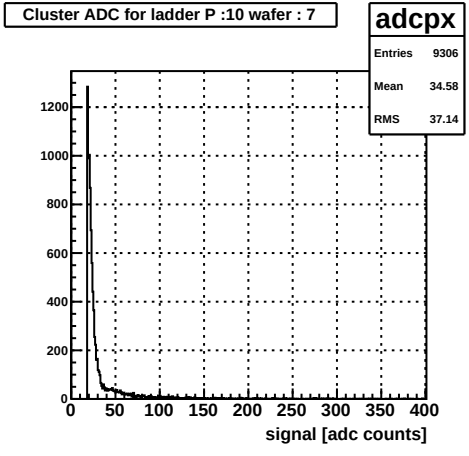

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 7810
Mean 37.05
RMS 37.72
signal [adc counts]

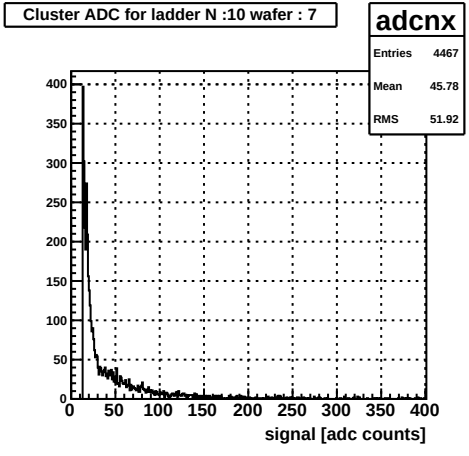

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 5178
Mean 41.72
RMS 45.14
signal [adc counts]

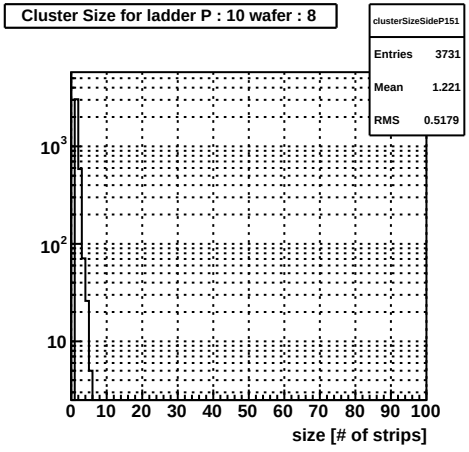

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 9306
Mean 1.112
RMS 0.4028
size [# of strips]

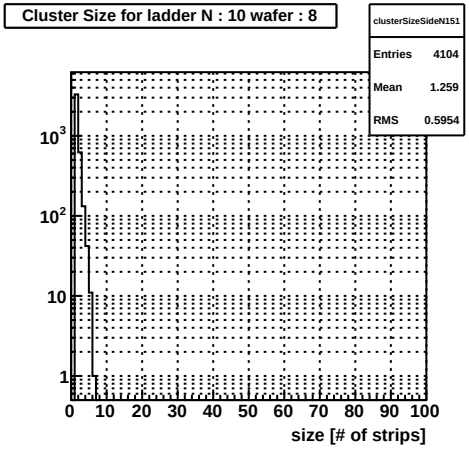

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4467
Mean 1.291
RMS 0.6558
size [# of strips]

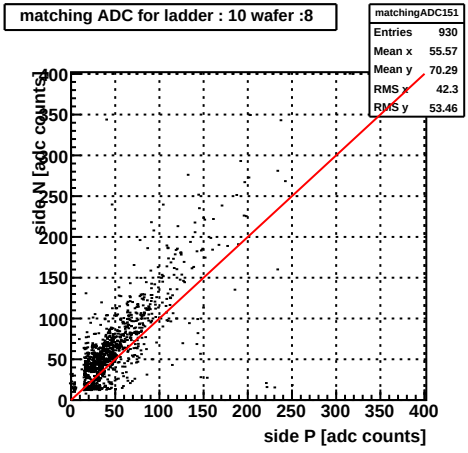

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1675
Mean x 60.57
Mean y 73.29
RMS x 54.15
RMS y 62.1
side N [adc counts]
side P [adc counts]

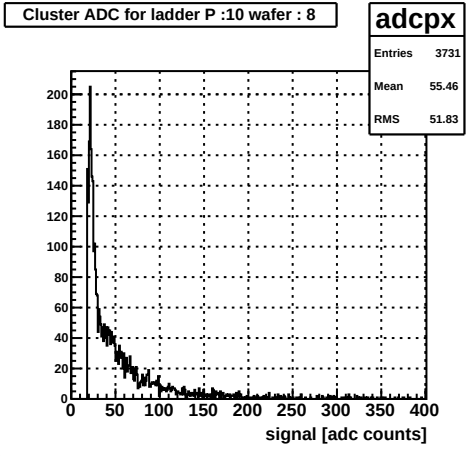

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 9306
Mean 34.58
RMS 37.14
signal [adc counts]

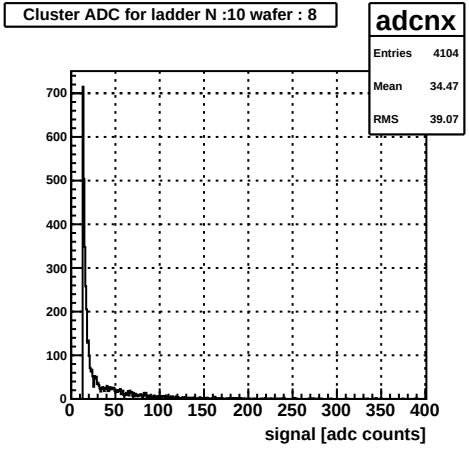

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4467
Mean 45.78
RMS 51.92
signal [adc counts]

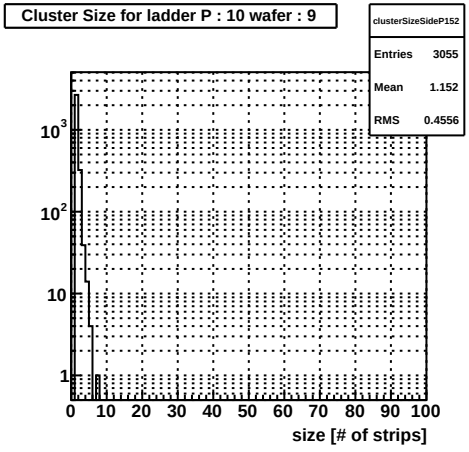

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3731
Mean 1.221
RMS 0.5179
size [# of strips]

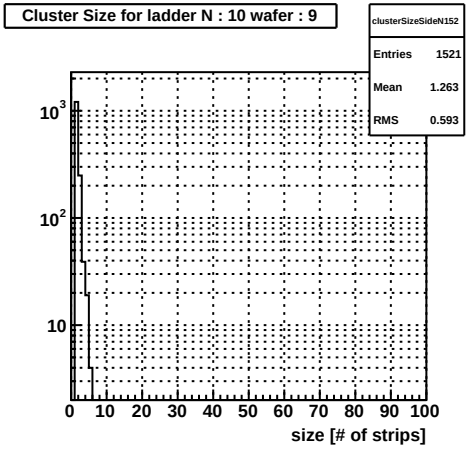

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 4104
Mean 1.259
RMS 0.5954
size [# of strips]

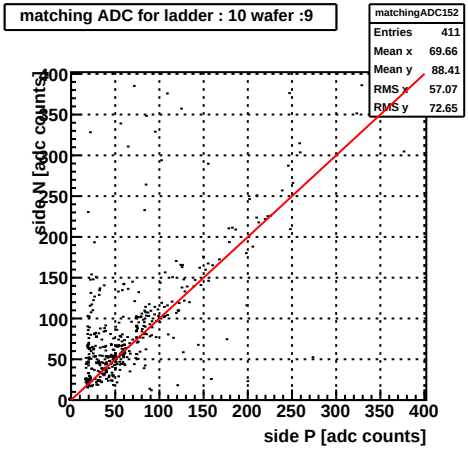

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 930
Mean x 55.57
Mean y 70.29
RMS x 42.3
RMS y 53.46
side N [adc counts]
side P [adc counts]

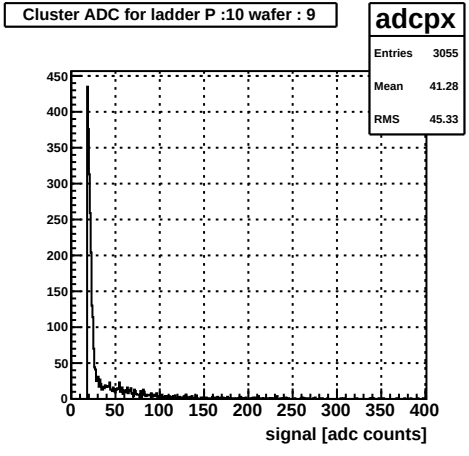

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3731
Mean 55.46
RMS 51.83
signal [adc counts]

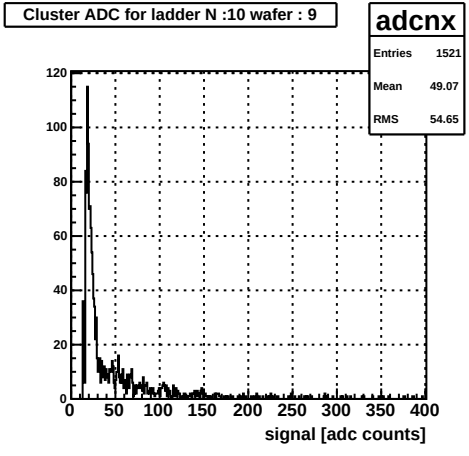

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 4104
Mean 34.47
RMS 39.07
signal [adc counts]

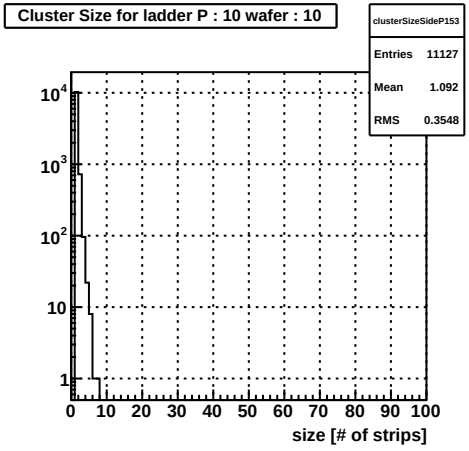

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 3055
Mean 1.152
RMS 0.4556
size [# of strips]

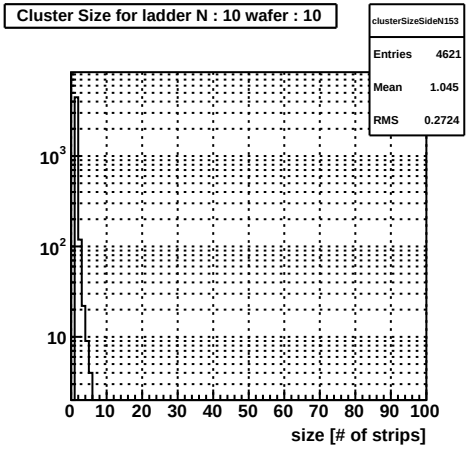

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1521
Mean 1.263
RMS 0.593
size [# of strips]

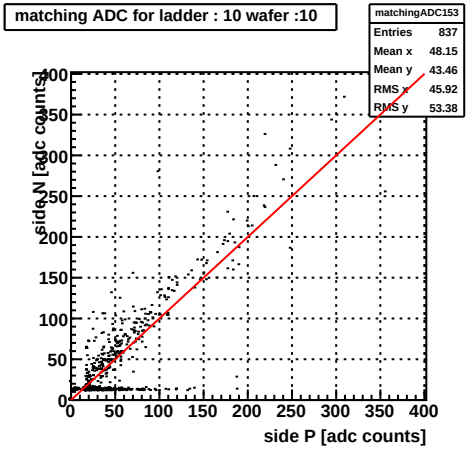

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 411
Mean x 69.66
Mean y 88.41
RMS x 57.07
RMS y 72.65
side N [adc counts]
side P [adc counts]

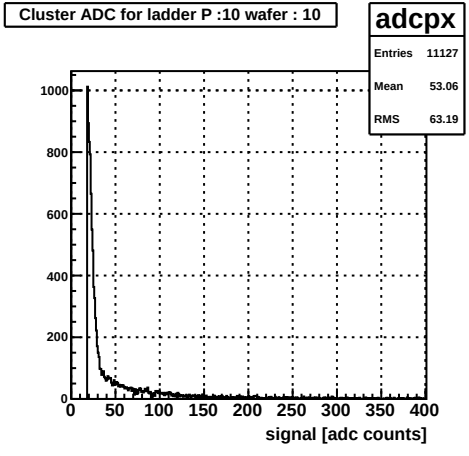

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 3055
Mean 41.28
RMS 45.33
signal [adc counts]

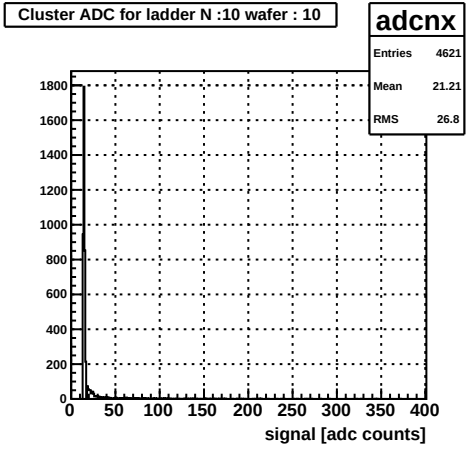

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1521
Mean 49.07
RMS 54.65
signal [adc counts]

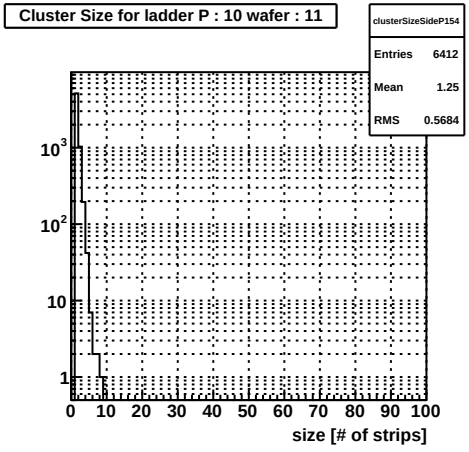

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 11127
Mean 1.092
RMS 0.3548
size [# of strips]

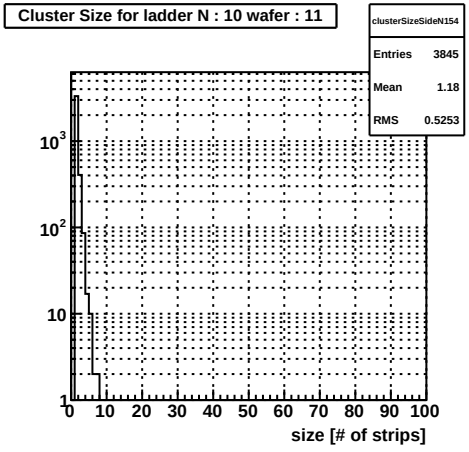

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 4621
Mean 1.045
RMS 0.2724
size [# of strips]

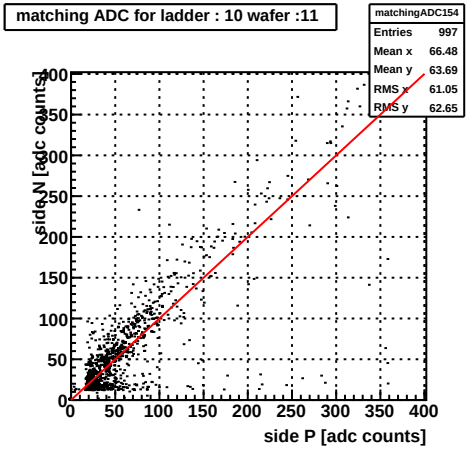

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 837
Mean x 48.15
Mean y 43.46
RMS x 45.92
RMS y 53.38
side N [adc counts]
side P [adc counts]

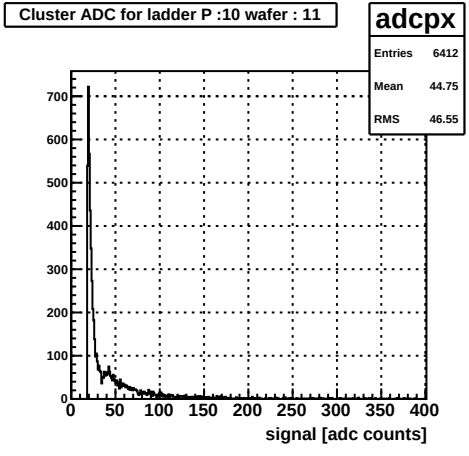

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 11127
Mean 53.06
RMS 63.19
signal [adc counts]

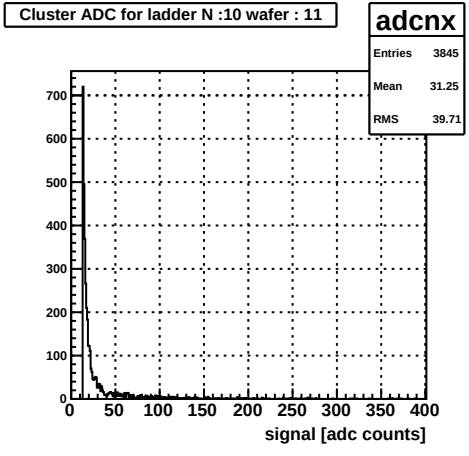

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 4621
Mean 21.21
RMS 26.8
signal [adc counts]

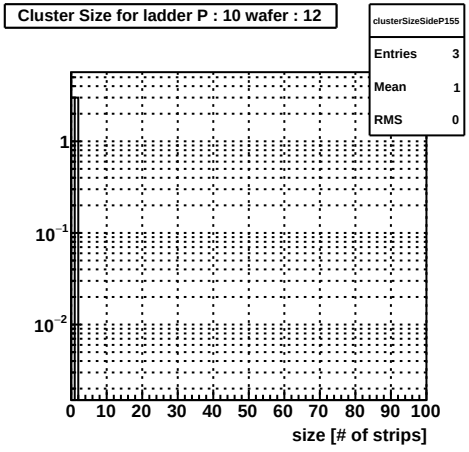

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 6412
Mean 1.25
RMS 0.5684
size [# of strips]

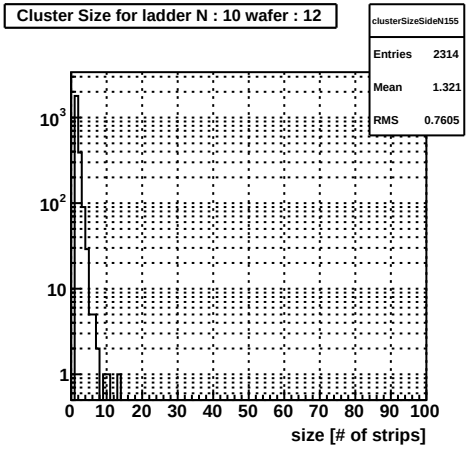

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 3845
Mean 1.18
RMS 0.5253
size [# of strips]

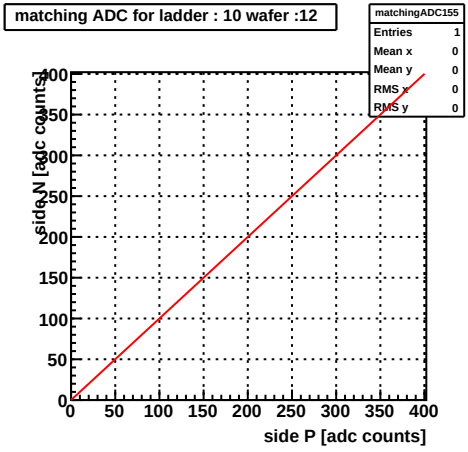

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 997
Mean x 66.48
Mean y 63.69
RMS x 61.05
RMS y 62.65
side N [adc counts]
side P [adc counts]

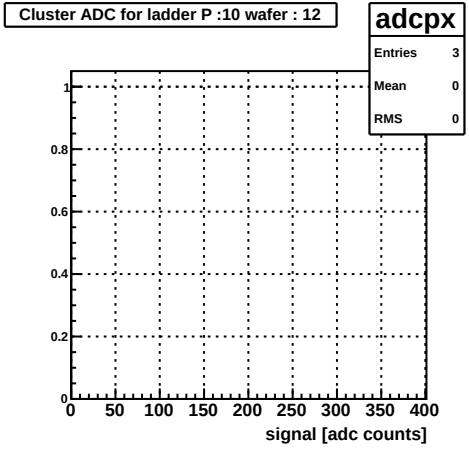

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 6412
Mean 44.75
RMS 46.55
signal [adc counts]

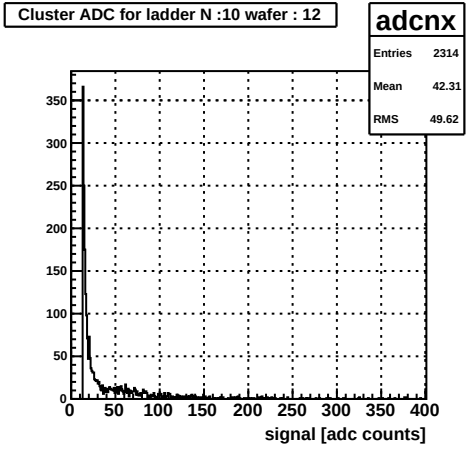

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 3845
Mean 31.25
RMS 39.71
signal [adc counts]

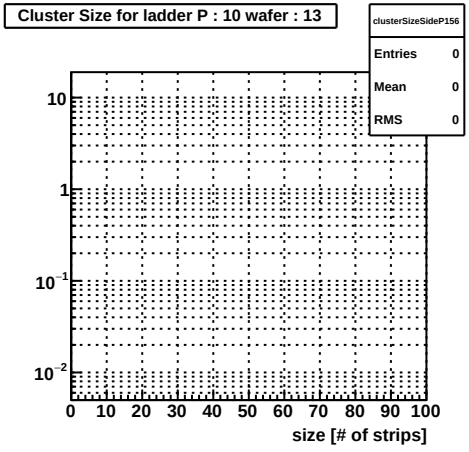

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 3
Mean 1
RMS 0
size [# of strips]

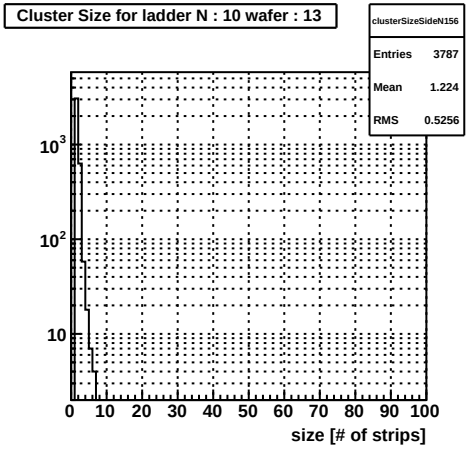

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2314
Mean 1.321
RMS 0.7605
size [# of strips]

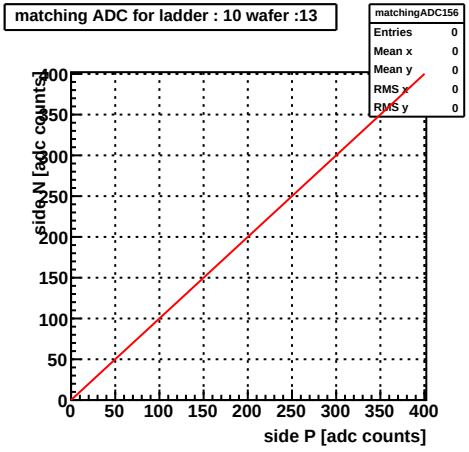

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

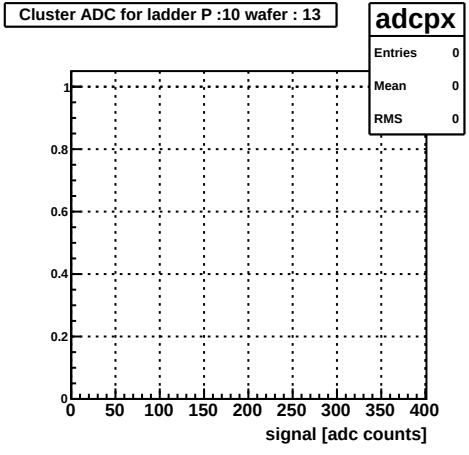

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

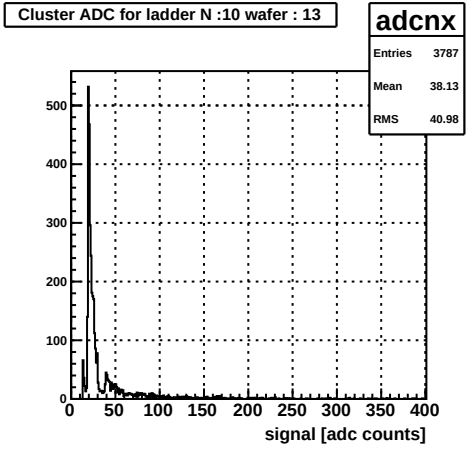

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2314
Mean 42.31
RMS 49.62
signal [adc counts]

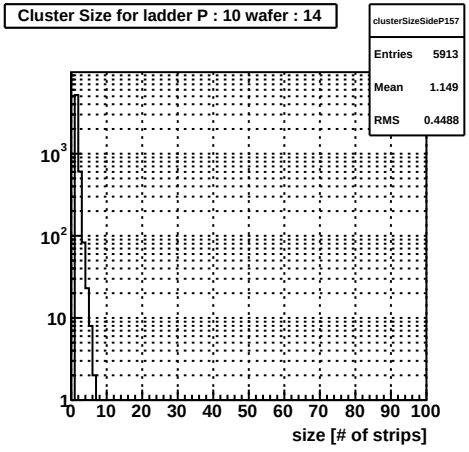

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

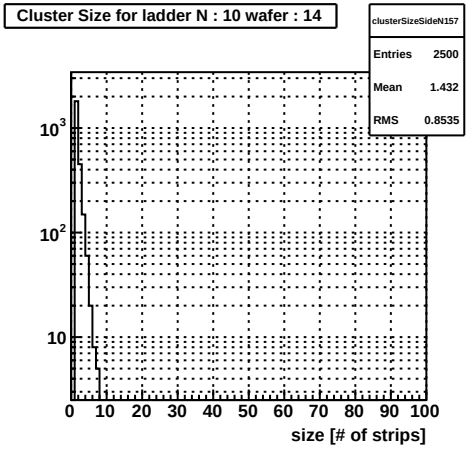

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 3787
Mean 1.224
RMS 0.5256
size [# of strips]

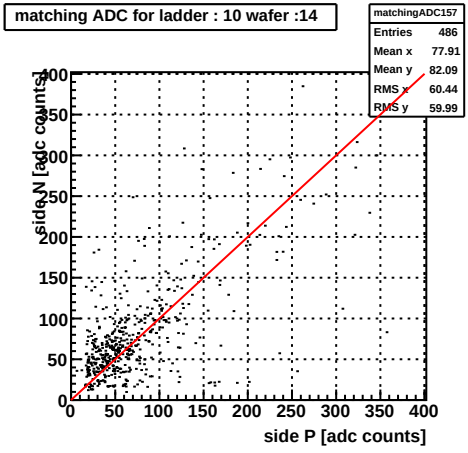

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

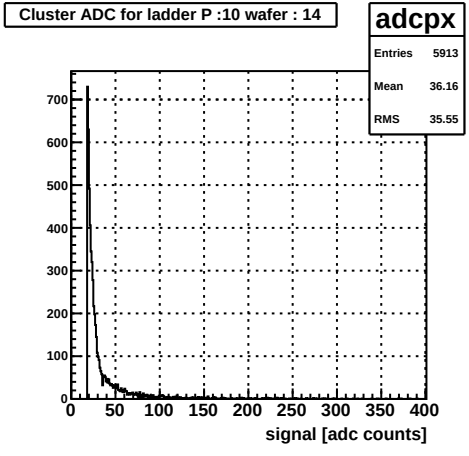

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

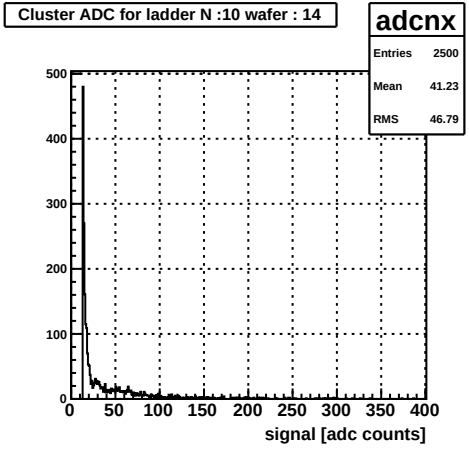

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 3787
Mean 38.13
RMS 40.98
signal [adc counts]

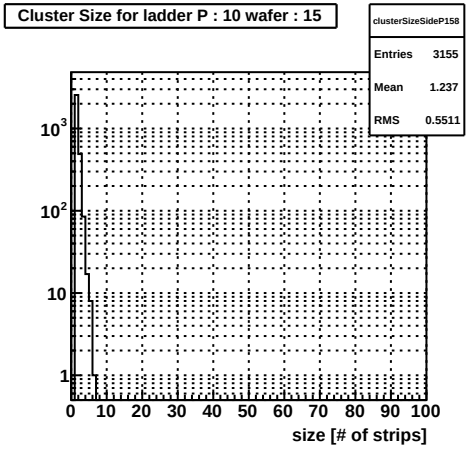

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 5913
Mean 1.149
RMS 0.4488
size [# of strips]

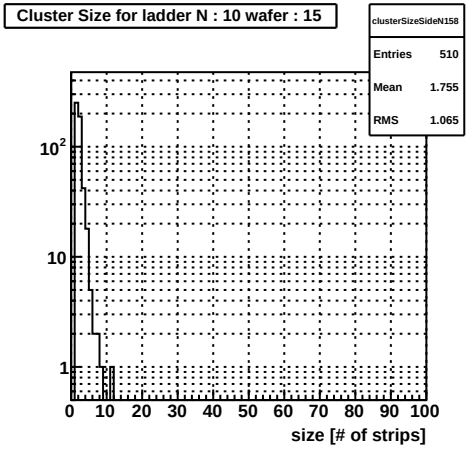

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2500
Mean 1.432
RMS 0.8535
size [# of strips]

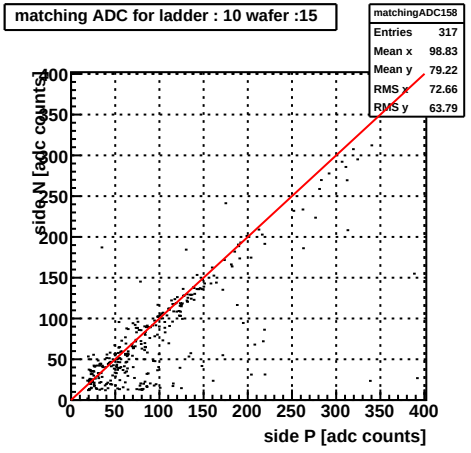

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 486
Mean x 77.91
Mean y 82.09
RMS x 60.44
RMS y 59.99
side N [adc counts]
side P [adc counts]

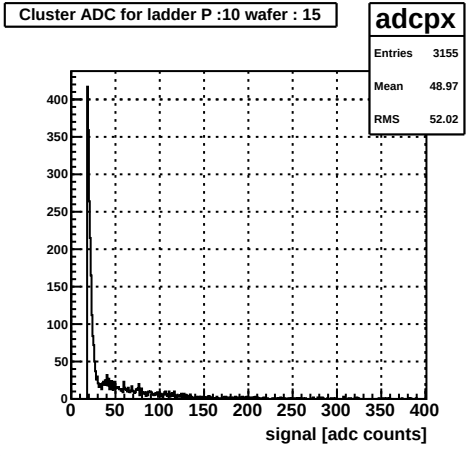

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 5913
Mean 36.16
RMS 35.55
signal [adc counts]

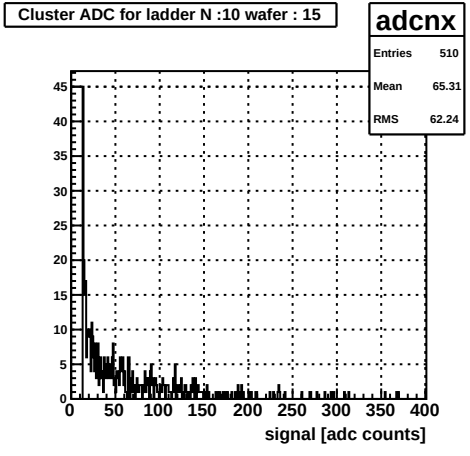

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2500
Mean 41.23
RMS 46.79
signal [adc counts]

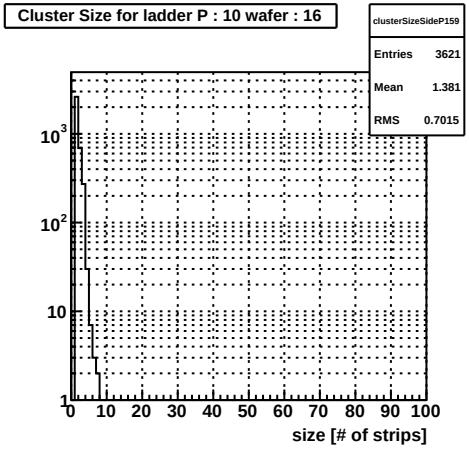

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 3155
Mean 1.237
RMS 0.5511
size [# of strips]

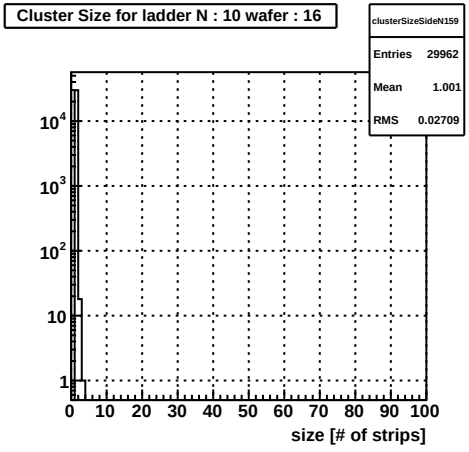

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 510
Mean 1.755
RMS 1.065
size [# of strips]

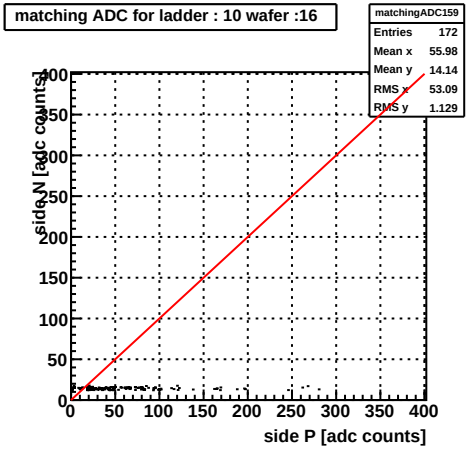

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 317
Mean x 98.83
Mean y 79.22
RMS x 72.66
RMS y 63.79
side N [adc counts]
side P [adc counts]

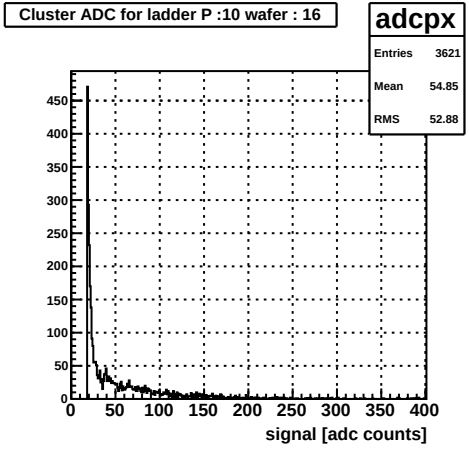

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 3155
Mean 48.97
RMS 52.02
signal [adc counts]

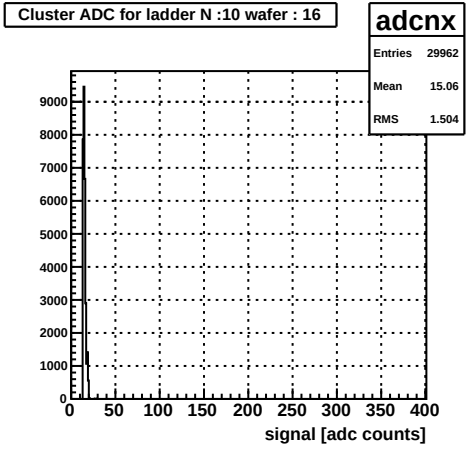

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 510
Mean 65.31
RMS 62.24
signal [adc counts]

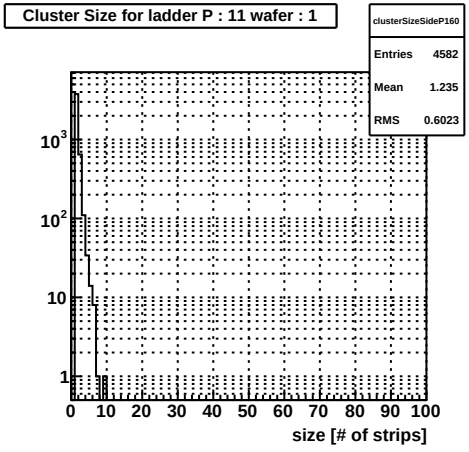

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3621
Mean 1.381
RMS 0.7015
size [# of strips]

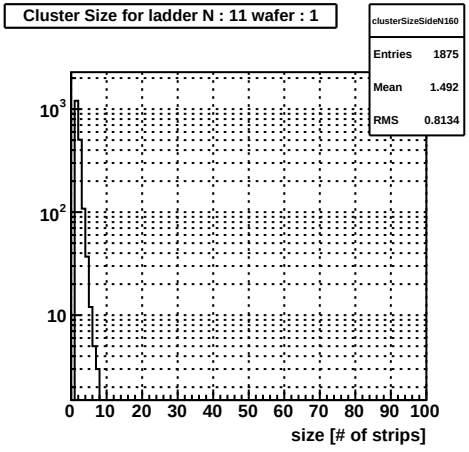

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 29962
Mean 1.001
RMS 0.02709
size [# of strips]

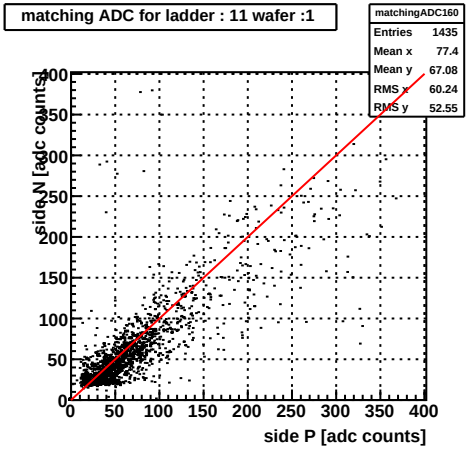

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 172
Mean x 55.98
Mean y 14.14
RMS x 53.09
RMS y 1.129
side N [adc counts]
side P [adc counts]

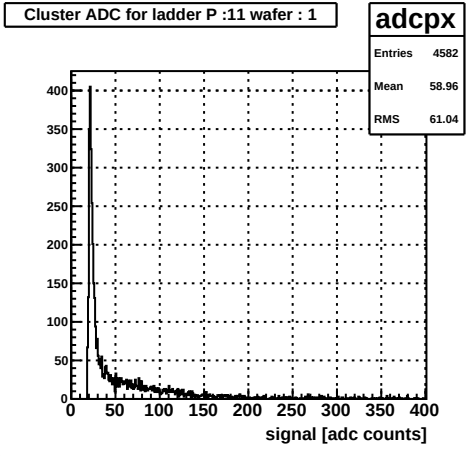

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3621
Mean 54.85
RMS 52.88
signal [adc counts]

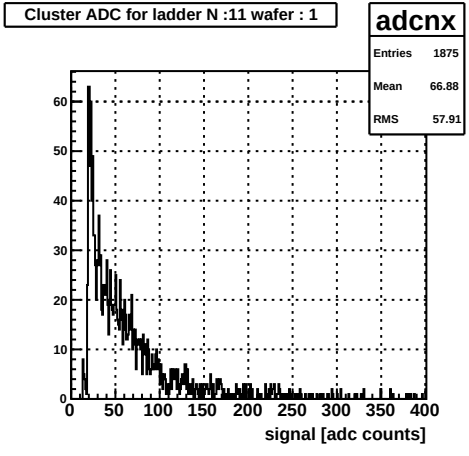

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 29962
Mean 15.06
RMS 1.504
signal [adc counts]

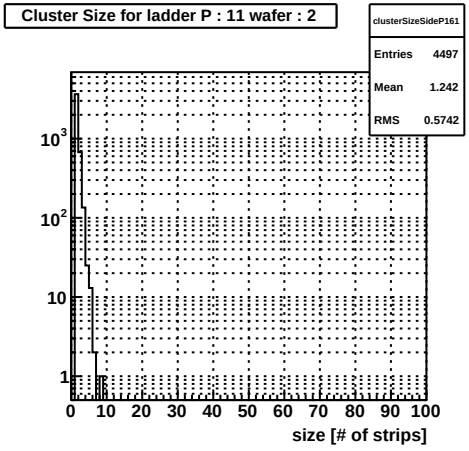

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 4582
Mean 1.235
RMS 0.6023
size [# of strips]

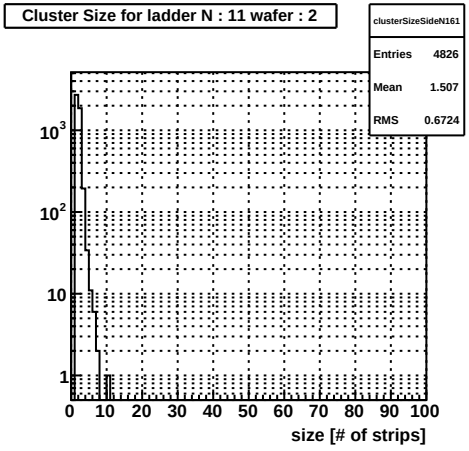

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1875
Mean 1.492
RMS 0.8134
size [# of strips]

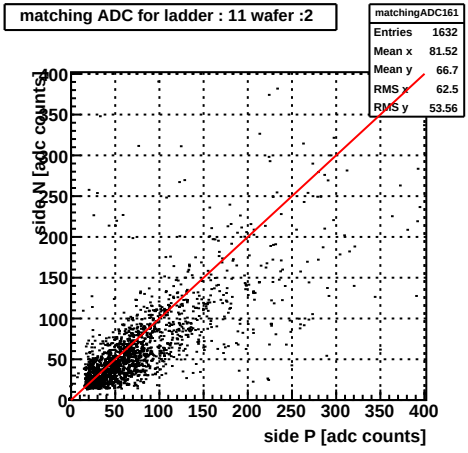

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1435
Mean x 77.4
Mean y 67.08
RMS x 60.24
RMS y 52.55
side N [adc counts]
side P [adc counts]

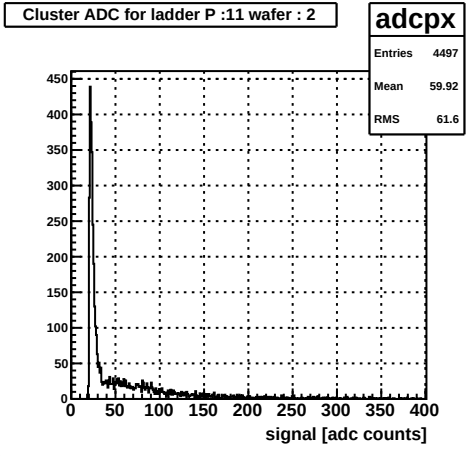

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 4582
Mean 58.96
RMS 61.04
signal [adc counts]

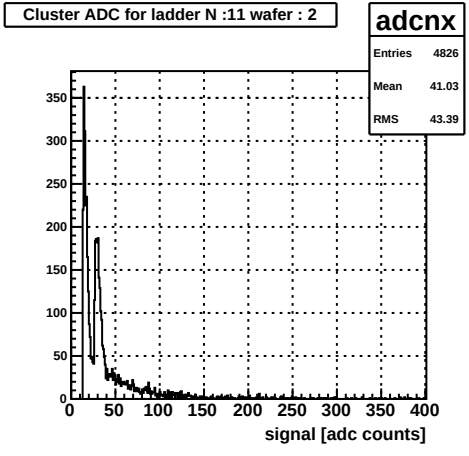

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1875
Mean 66.88
RMS 57.91
signal [adc counts]

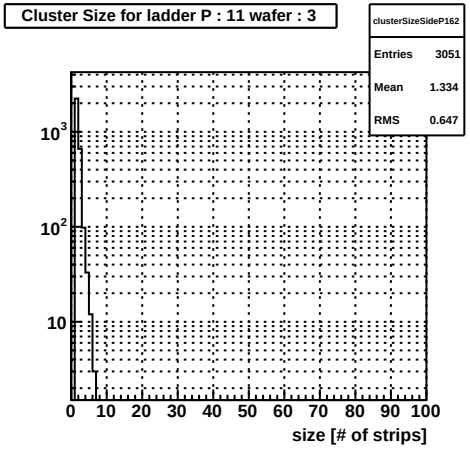

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4497
Mean 1.242
RMS 0.5742
size [# of strips]

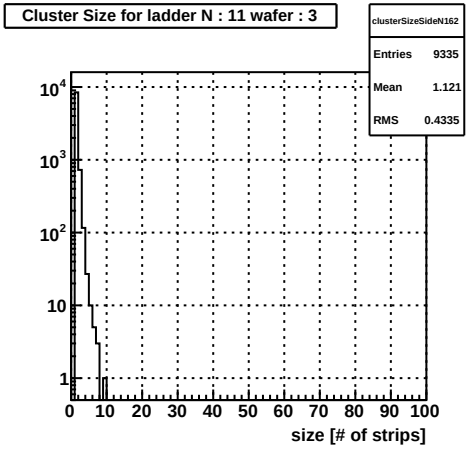

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 4826
Mean 1.507
RMS 0.6724
size [# of strips]

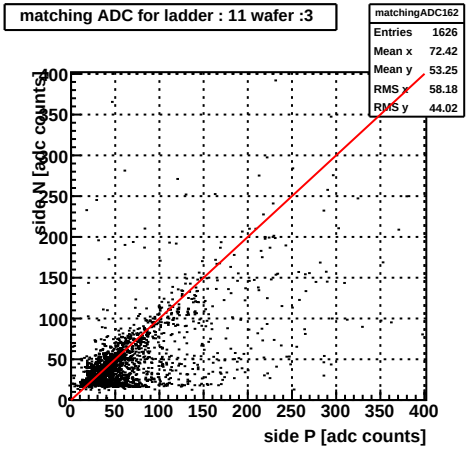

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1632
Mean x 81.52
Mean y 66.7
RMS x 62.5
RMS y 53.56
side N [adc counts]
side P [adc counts]

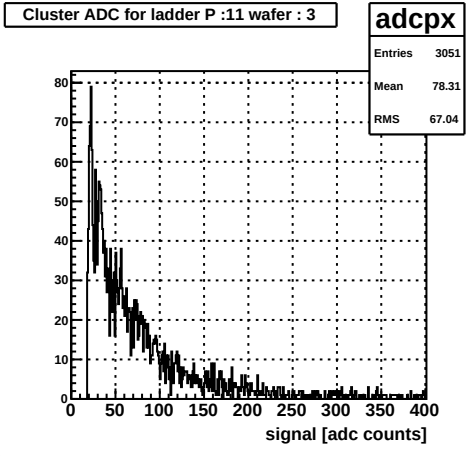

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4497
Mean 59.92
RMS 61.6
signal [adc counts]

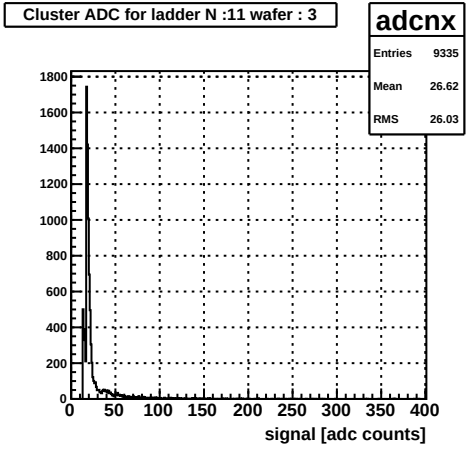

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 4826
Mean 41.03
RMS 43.39
signal [adc counts]

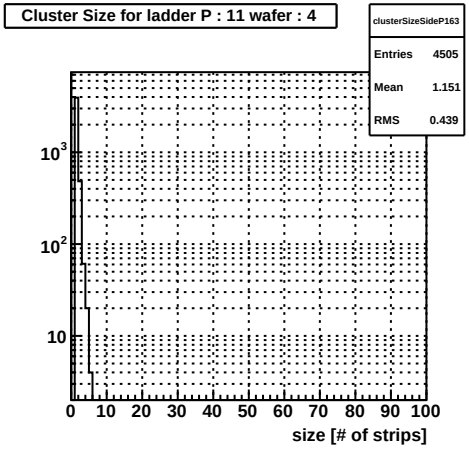

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 3051
Mean 1.334
RMS 0.647
size [# of strips]

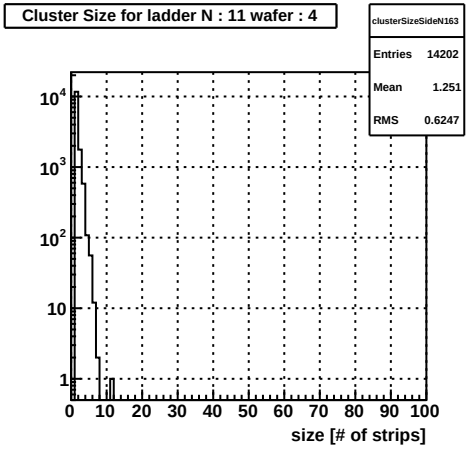

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 9335
Mean 1.121
RMS 0.4335
size [# of strips]

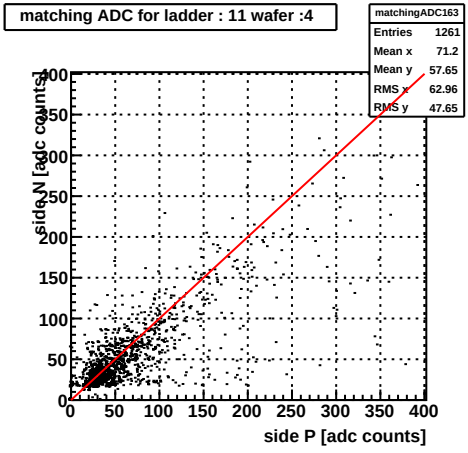

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 1626
Mean x 72.42
Mean y 53.25
RMS x 58.18
RMS y 44.02
side N [adc counts]
side P [adc counts]

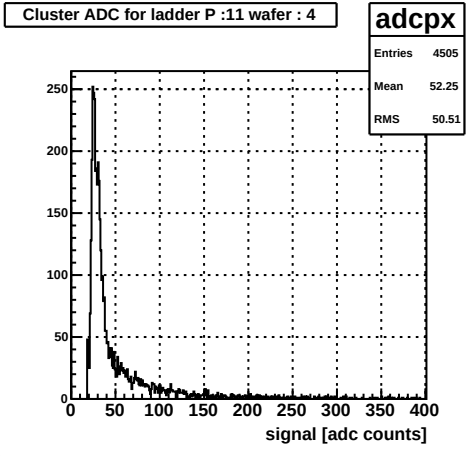

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 3051
Mean 78.31
RMS 67.04
signal [adc counts]

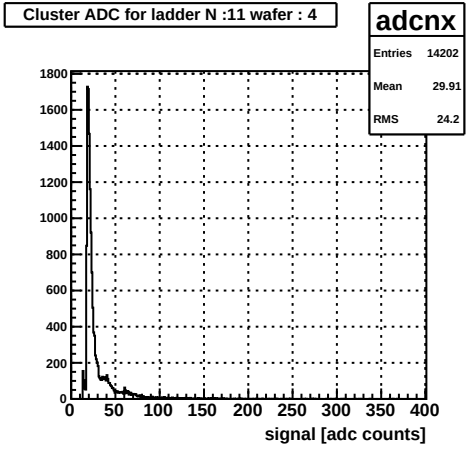

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 9335
Mean 26.62
RMS 26.03
signal [adc counts]

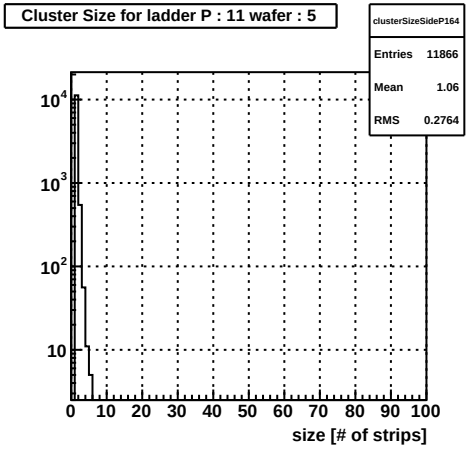

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 4505
Mean 1.151
RMS 0.439
size [# of strips]

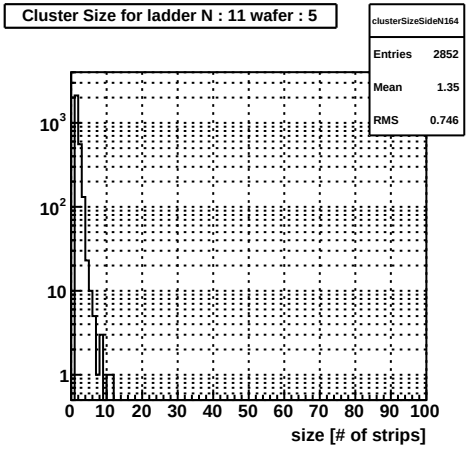

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 14202
Mean 1.251
RMS 0.6247
size [# of strips]

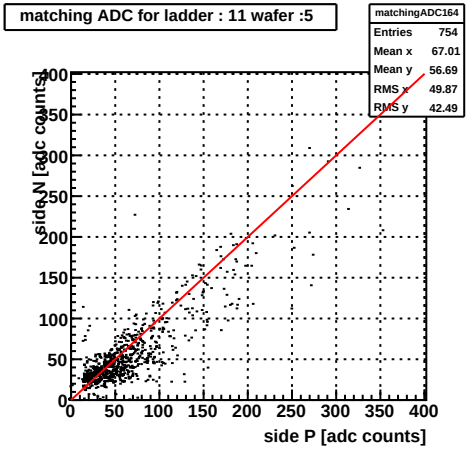

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 1261
Mean x 71.2
Mean y 57.65
RMS x 62.96
RMS y 47.65
side N [adc counts]
side P [adc counts]

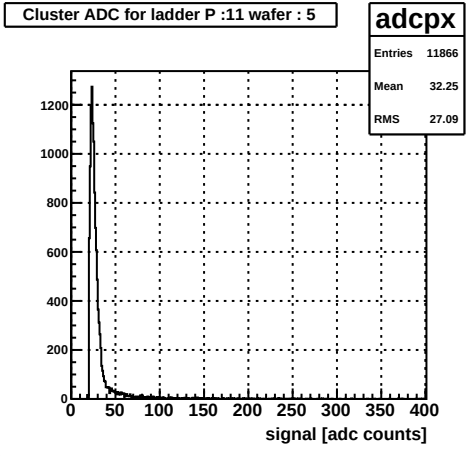

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 4505
Mean 52.25
RMS 50.51
signal [adc counts]

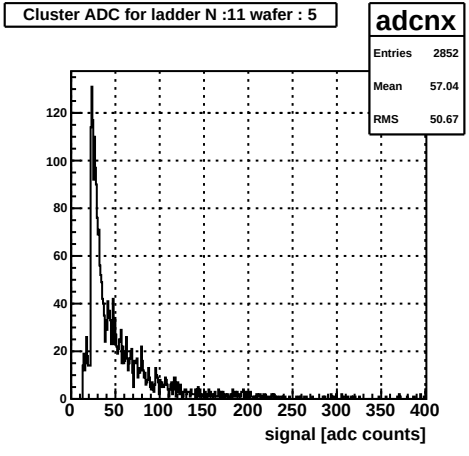

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 14202
Mean 29.91
RMS 24.2
signal [adc counts]

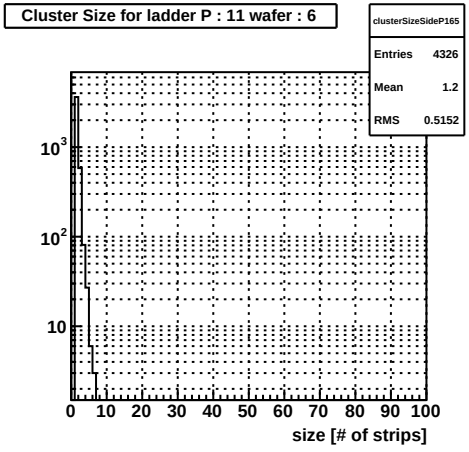

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 11866
Mean 1.06
RMS 0.2764
size [# of strips]

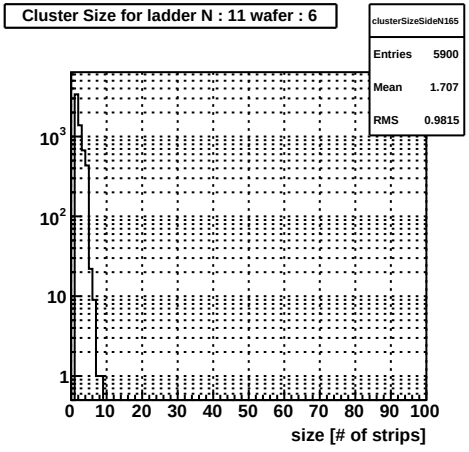

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 2852
Mean 1.35
RMS 0.746
size [# of strips]

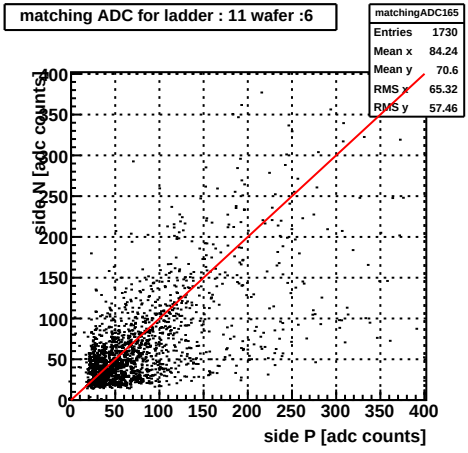

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 754
Mean x 67.01
Mean y 56.69
RMS x 49.87
RMS y 42.49
side N [adc counts]
side P [adc counts]

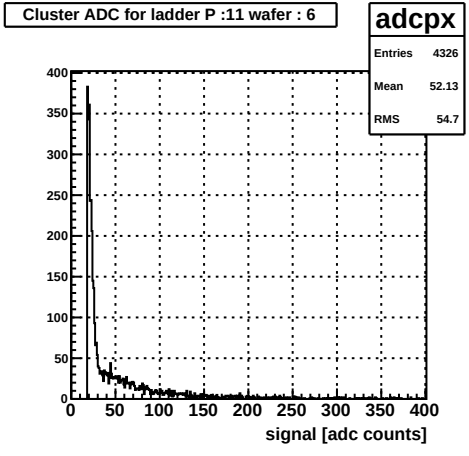

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 11866
Mean 32.25
RMS 27.09
signal [adc counts]

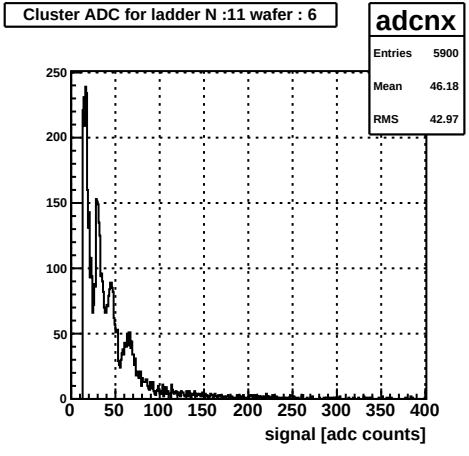

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 2852
Mean 57.04
RMS 50.67
signal [adc counts]

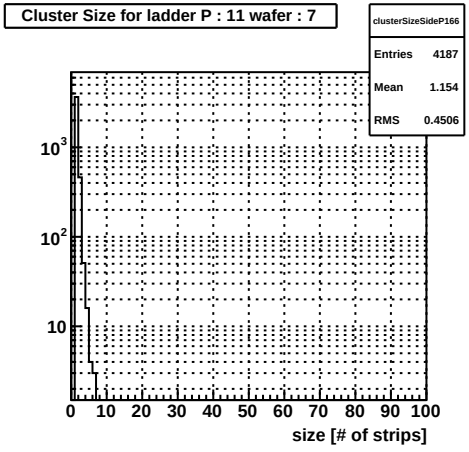

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 4326
Mean 1.2
RMS 0.5152
size [# of strips]

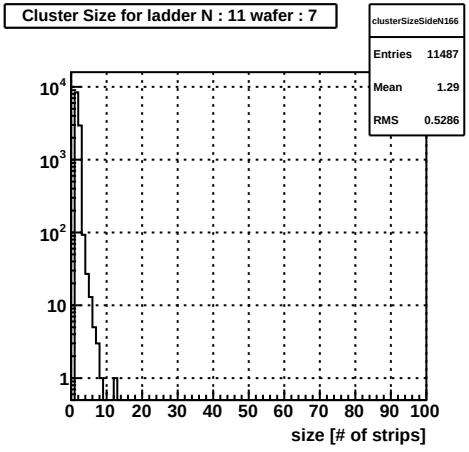

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5900
Mean 1.707
RMS 0.9815
size [# of strips]

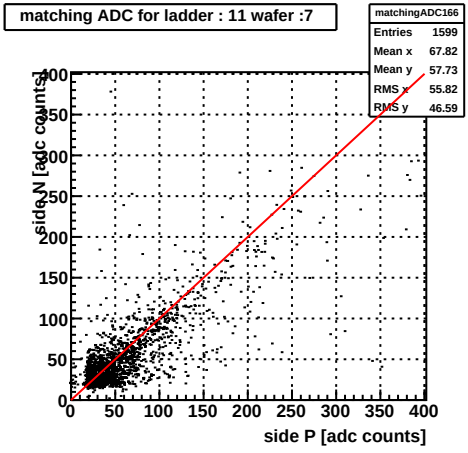

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1730
Mean x 84.24
Mean y 70.6
RMS x 65.32
RMS y 57.46
side N [adc counts]
side P [adc counts]

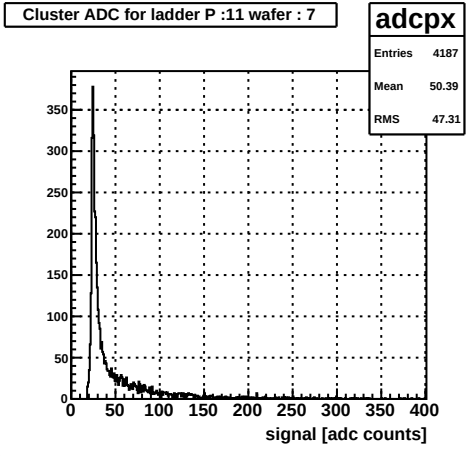

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 4326
Mean 52.13
RMS 54.7
signal [adc counts]

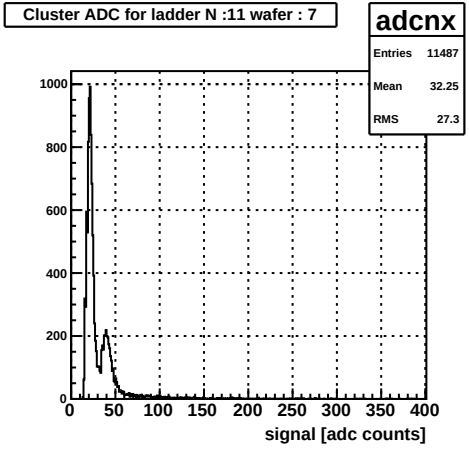

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5900
Mean 46.18
RMS 42.97
signal [adc counts]

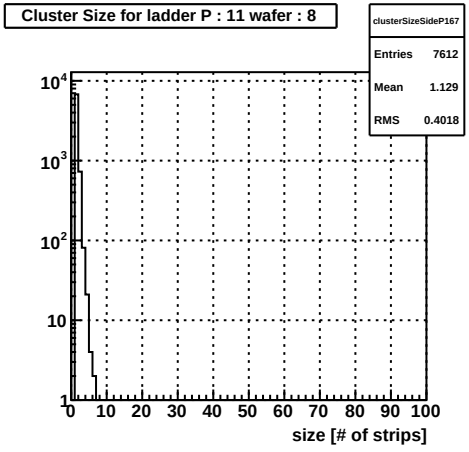

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 4187
Mean 1.154
RMS 0.4506
size [# of strips]

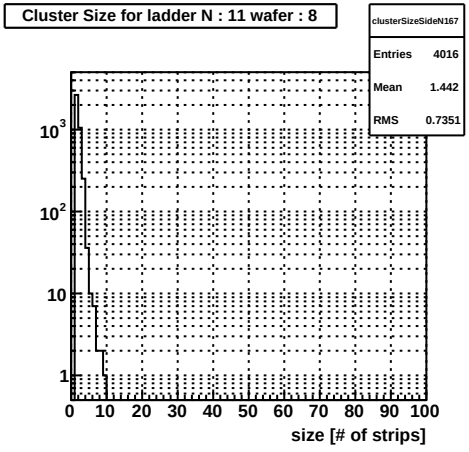

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 11487
Mean 1.29
RMS 0.5286
size [# of strips]

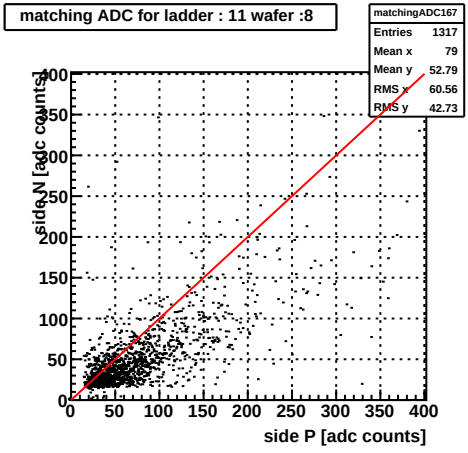

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1599
Mean x 67.82
Mean y 57.73
RMS x 55.82
RMS y 46.59
side N [adc counts]
side P [adc counts]

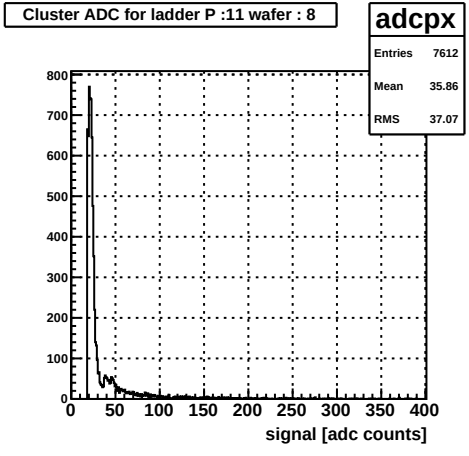

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 4187
Mean 50.39
RMS 47.31
signal [adc counts]

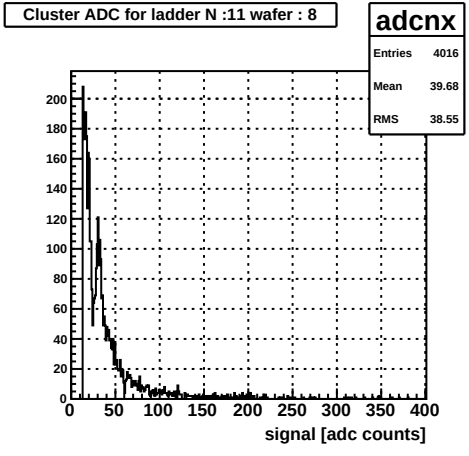

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 11487
Mean 32.25
RMS 27.3
signal [adc counts]

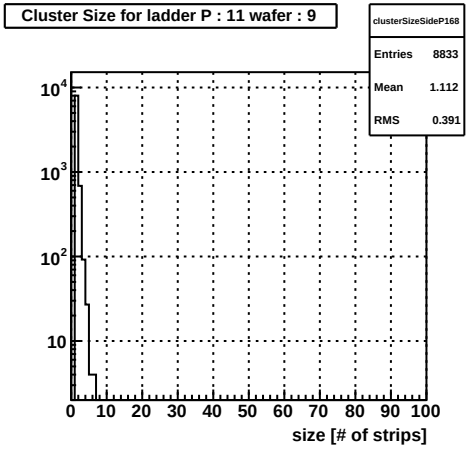

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 7612
Mean 1.129
RMS 0.4018
size [# of strips]

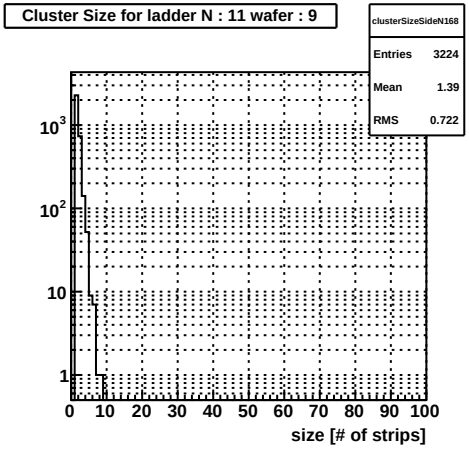

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 4016
Mean 1.442
RMS 0.7351
size [# of strips]

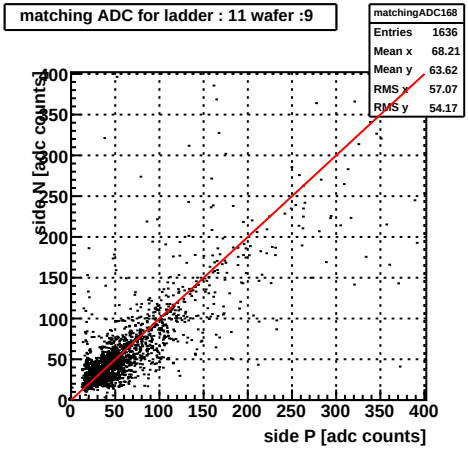

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1317
Mean x 79
Mean y 52.79
RMS x 60.56
RMS y 42.73
side N [adc counts]
side P [adc counts]

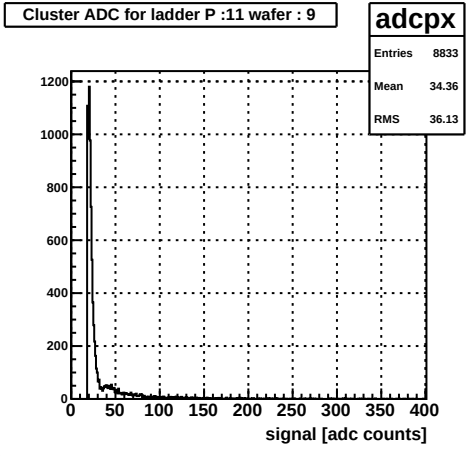

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 7612
Mean 35.86
RMS 37.07
signal [adc counts]

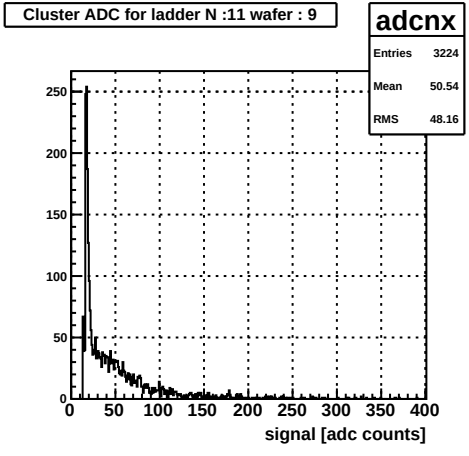

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 4016
Mean 39.68
RMS 38.55
signal [adc counts]

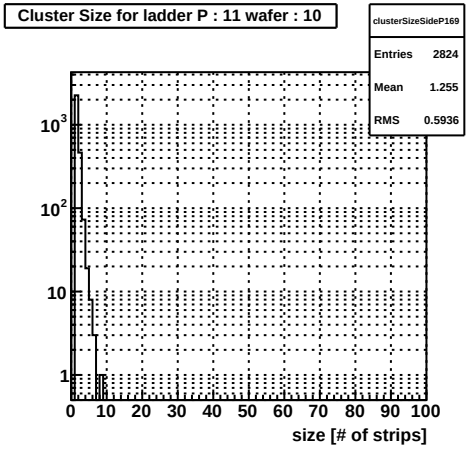

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 8833
Mean 1.112
RMS 0.391
size [# of strips]

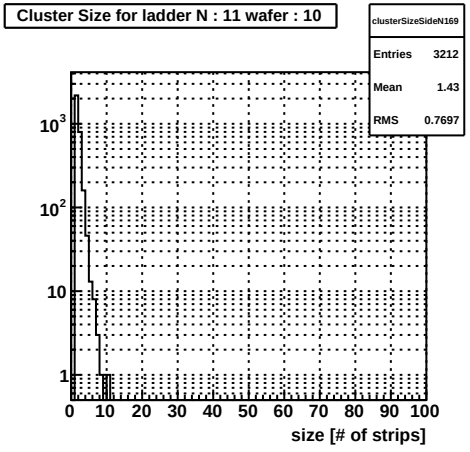

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 3224
Mean 1.39
RMS 0.722
size [# of strips]

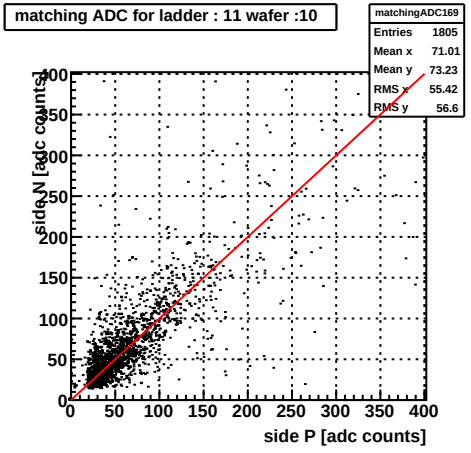

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1636
Mean x 68.21
Mean y 63.62
RMS x 57.07
RMS y 54.17
side N [adc counts]
side P [adc counts]

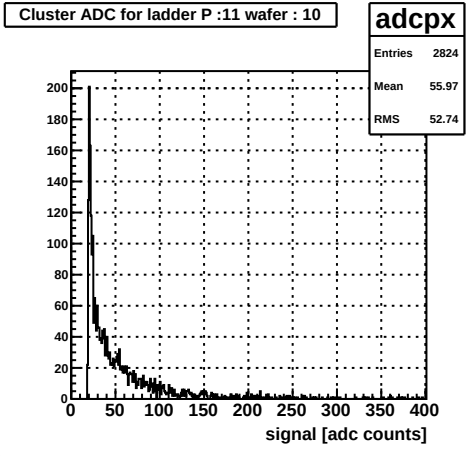

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 8833
Mean 34.36
RMS 36.13
signal [adc counts]

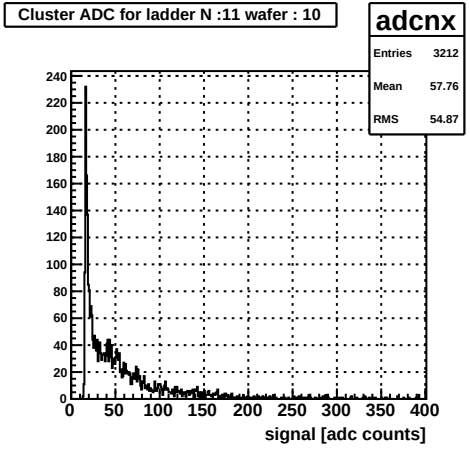

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 3224
Mean 50.54
RMS 48.16
signal [adc counts]

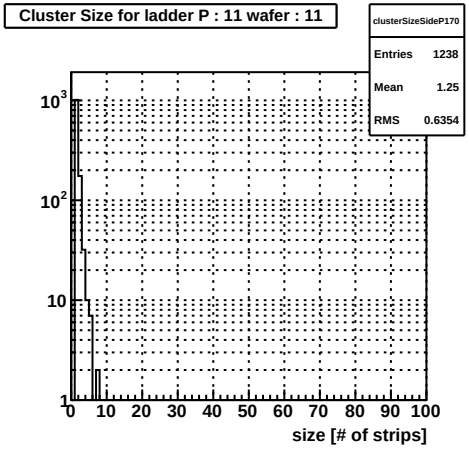

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2824
Mean 1.255
RMS 0.5936
size [# of strips]

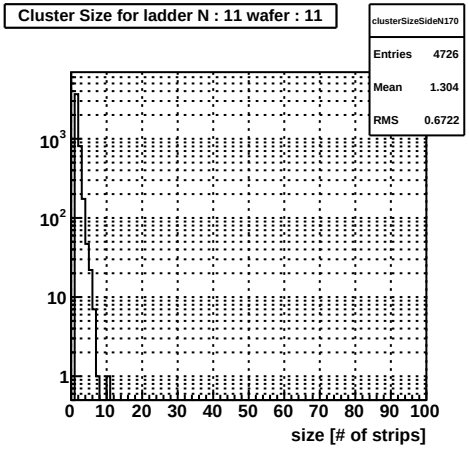

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 3212
Mean 1.43
RMS 0.7697
size [# of strips]

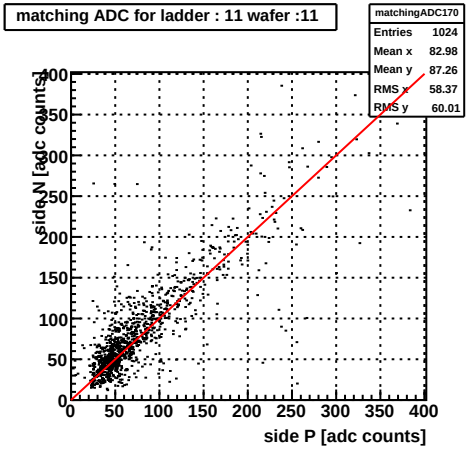

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1805
Mean x 71.01
Mean y 73.23
RMS x 55.42
RMS y 56.6
side N [adc counts]
side P [adc counts]

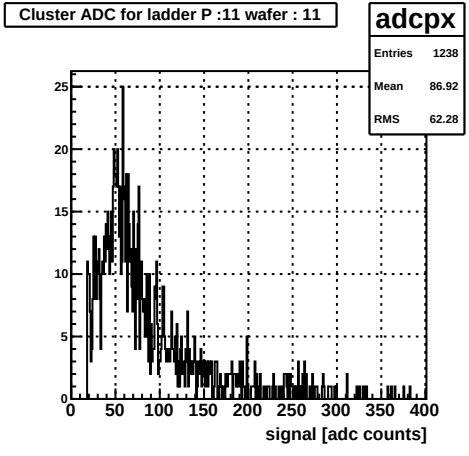

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2824
Mean 55.97
RMS 52.74
signal [adc counts]

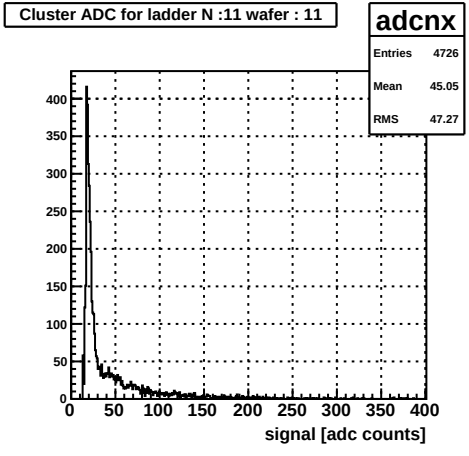

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 3212
Mean 57.76
RMS 54.87
signal [adc counts]

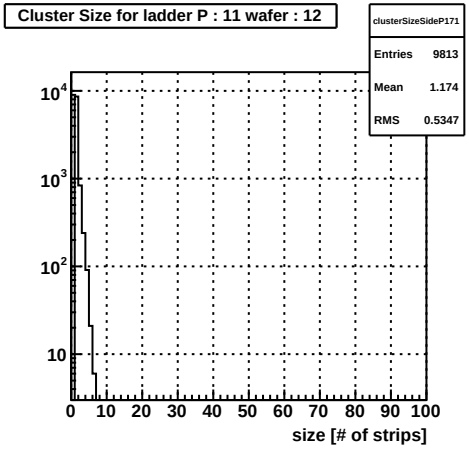

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1238
Mean 1.25
RMS 0.6354
size [# of strips]

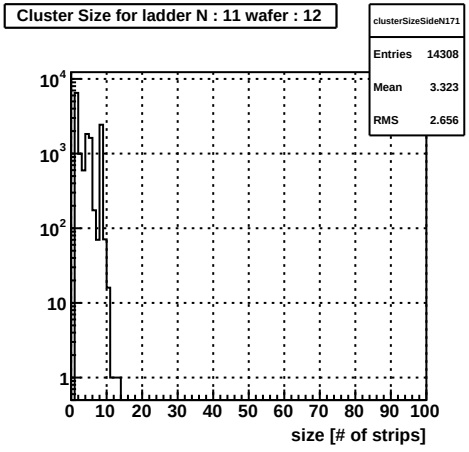

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4726
Mean 1.304
RMS 0.6722
size [# of strips]

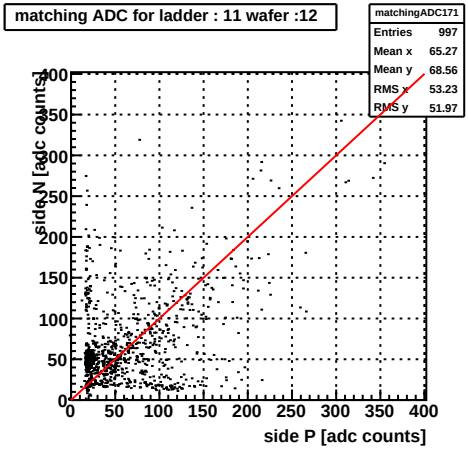

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 1024
Mean x 82.98
Mean y 87.26
RMS x 58.37
RMS y 60.01
side N [adc counts]
side P [adc counts]

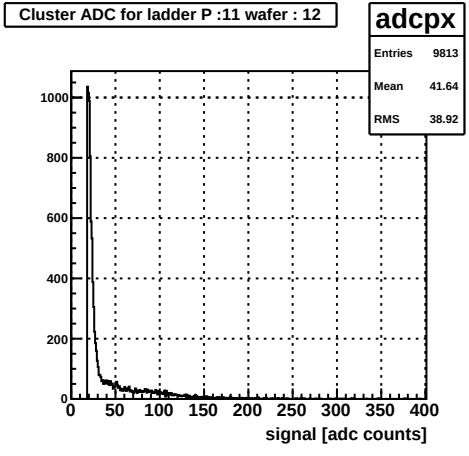

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1238
Mean 86.92
RMS 62.28
signal [adc counts]

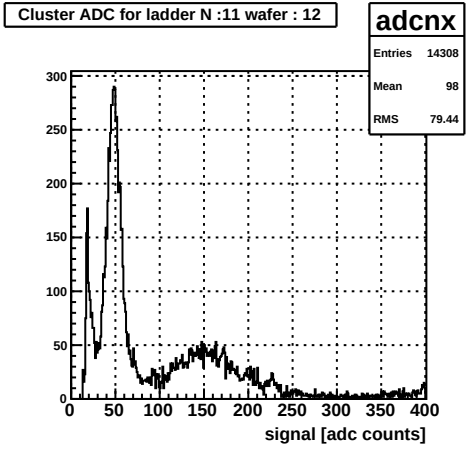

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4726
Mean 45.05
RMS 47.27
signal [adc counts]

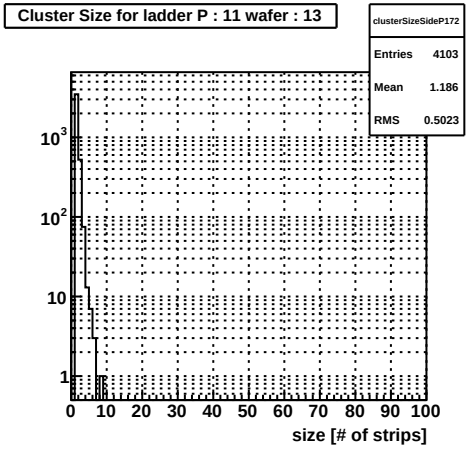

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 9813
Mean 1.174
RMS 0.5347
size [# of strips]

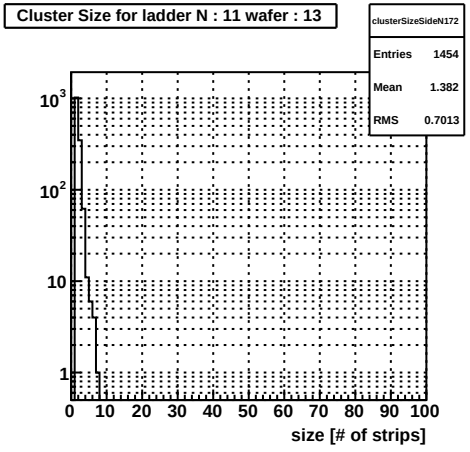

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 14308
Mean 3.323
RMS 2.656
size [# of strips]

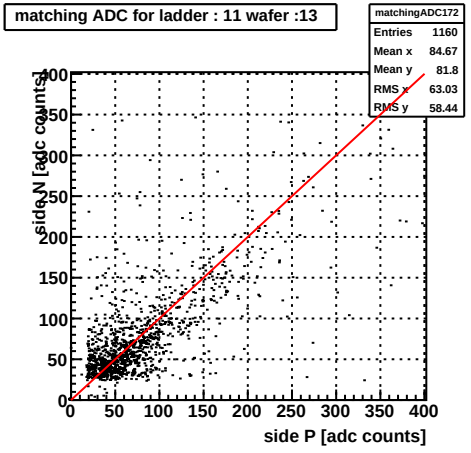

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 997
Mean x 65.27
Mean y 68.56
RMS x 53.23
RMS y 51.97
side N [adc counts]
side P [adc counts]

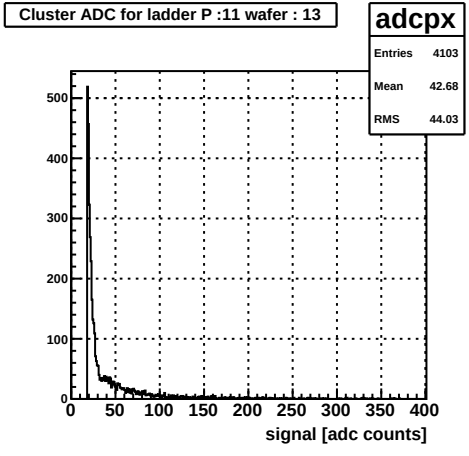

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 9813
Mean 41.64
RMS 38.92
signal [adc counts]

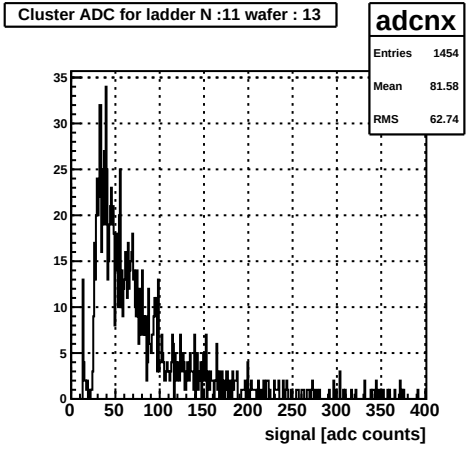

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 14308
Mean 98
RMS 79.44
signal [adc counts]

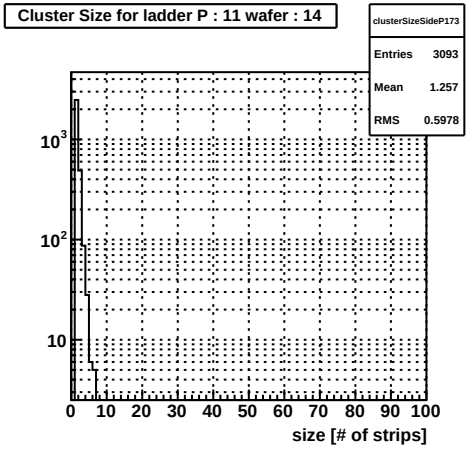

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4103
Mean 1.186
RMS 0.5023
size [# of strips]

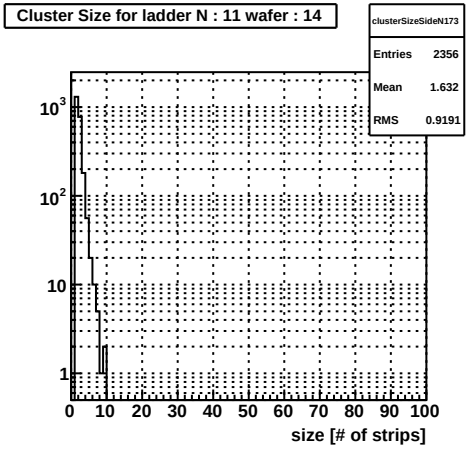

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1454
Mean 1.382
RMS 0.7013
size [# of strips]

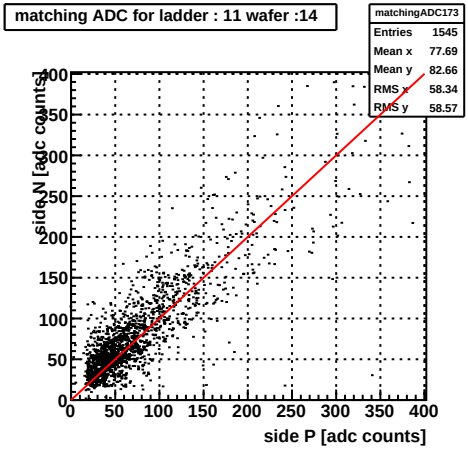

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1160
Mean x 84.67
Mean y 81.8
RMS x 63.03
RMS y 58.44
side N [adc counts]
side P [adc counts]

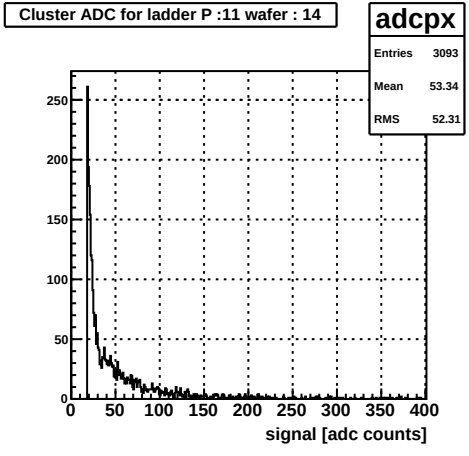

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4103
Mean 42.68
RMS 44.03
signal [adc counts]

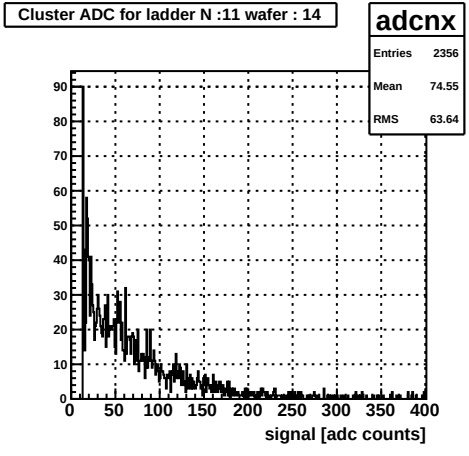

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1454
Mean 81.58
RMS 62.74
signal [adc counts]

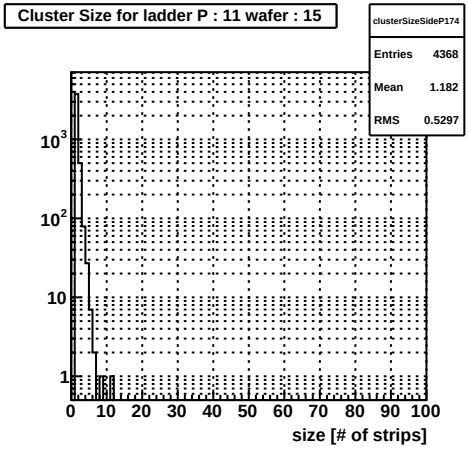

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 3093
Mean 1.257
RMS 0.5978
size [# of strips]

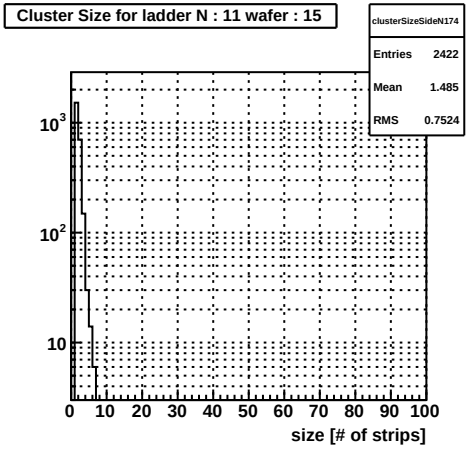

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2356
Mean 1.632
RMS 0.9191
size [# of strips]

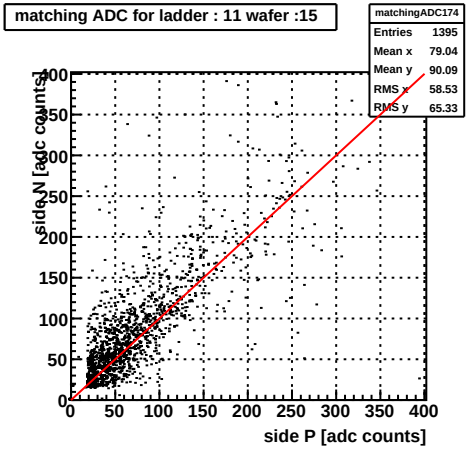

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1545
Mean x 77.69
Mean y 82.66
RMS x 58.34
RMS y 58.57
side N [adc counts]
side P [adc counts]

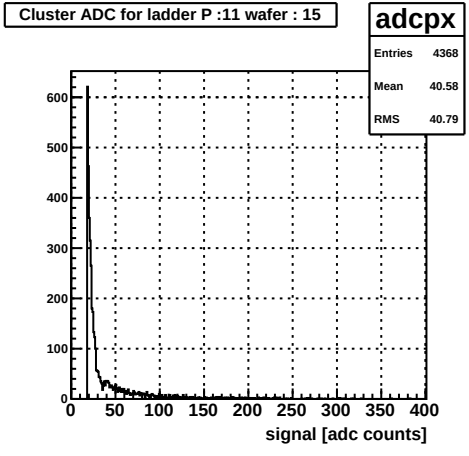

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 3093
Mean 53.34
RMS 52.31
signal [adc counts]

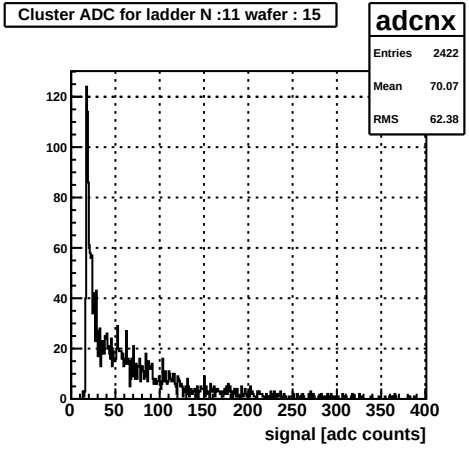

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2356
Mean 74.55
RMS 63.64
signal [adc counts]

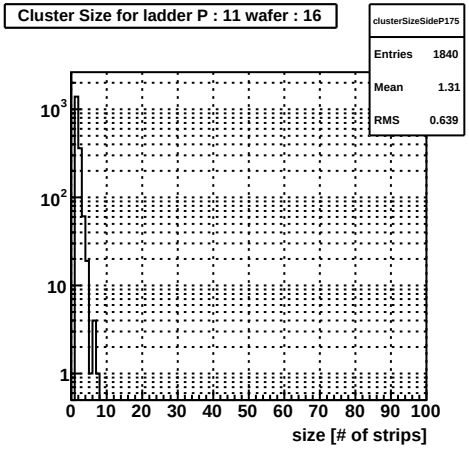

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 4368
Mean 1.182
RMS 0.5297
size [# of strips]

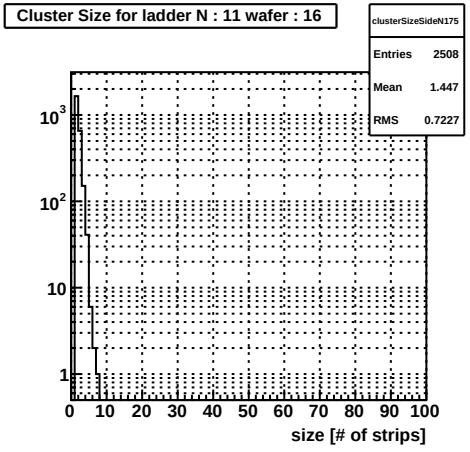

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2422
Mean 1.485
RMS 0.7524
size [# of strips]

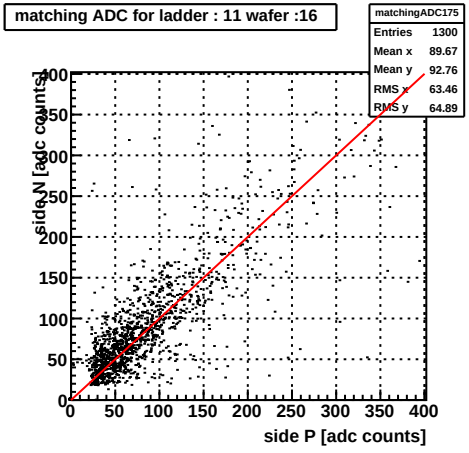

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1395
Mean x 79.04
Mean y 90.09
RMS x 58.53
RMS y 65.33
side N [adc counts]
side P [adc counts]

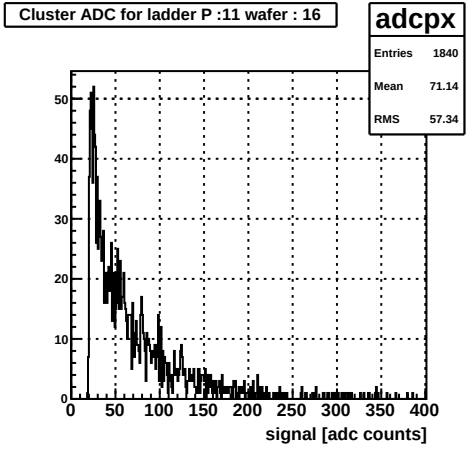

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 4368
Mean 40.58
RMS 40.79
signal [adc counts]

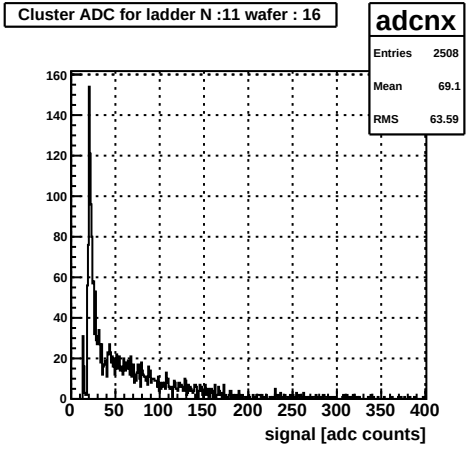

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2422
Mean 70.07
RMS 62.38
signal [adc counts]

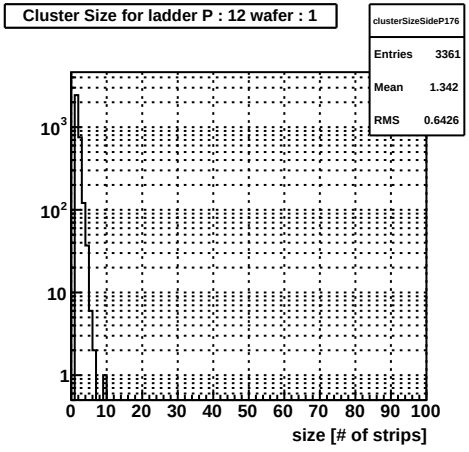

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1840
Mean 1.31
RMS 0.639
size [# of strips]

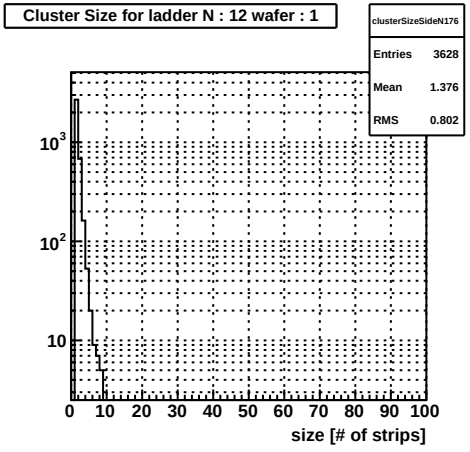

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2508
Mean 1.447
RMS 0.7227
size [# of strips]

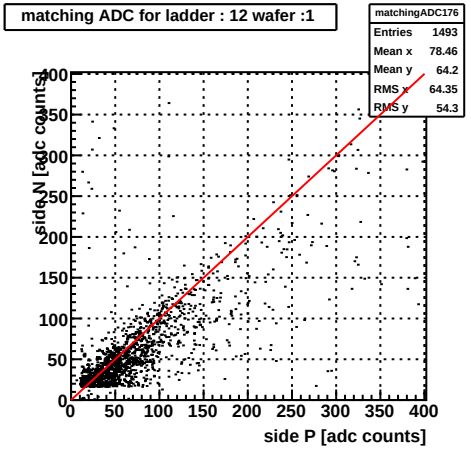

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1300
Mean x 89.67
Mean y 92.76
RMS x 63.46
RMS y 64.89
side N [adc counts]
side P [adc counts]

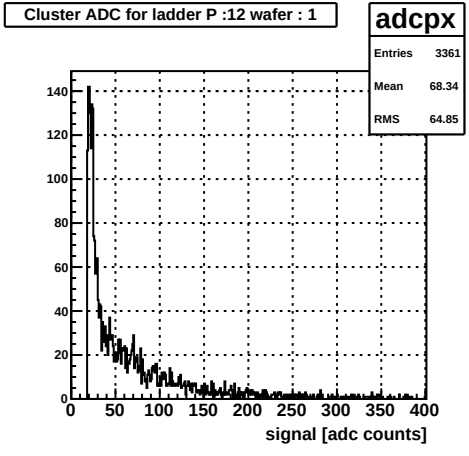

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1840
Mean 71.14
RMS 57.34
signal [adc counts]

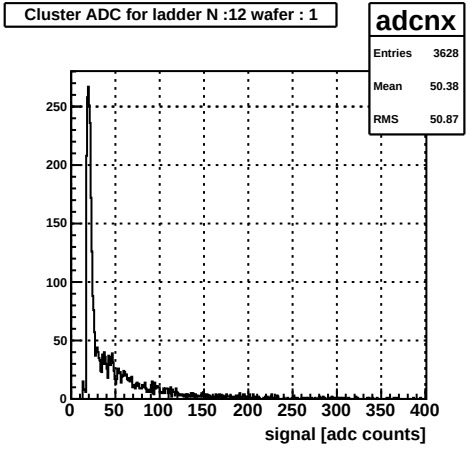

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2508
Mean 69.1
RMS 63.59
signal [adc counts]

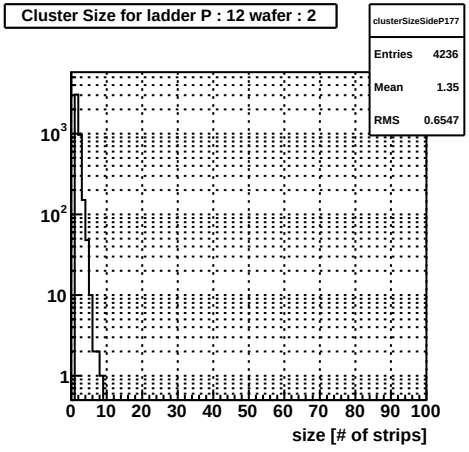

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3361
Mean 1.342
RMS 0.6426
size [# of strips]

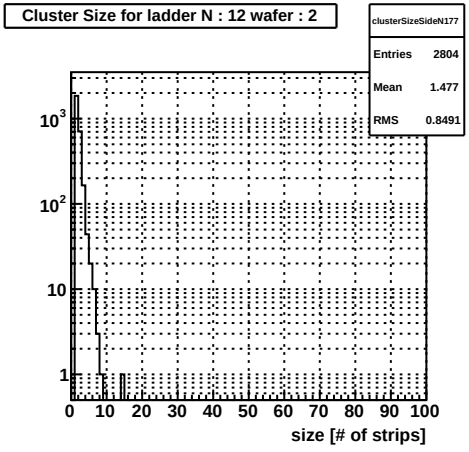

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 3628
Mean 1.376
RMS 0.802
size [# of strips]

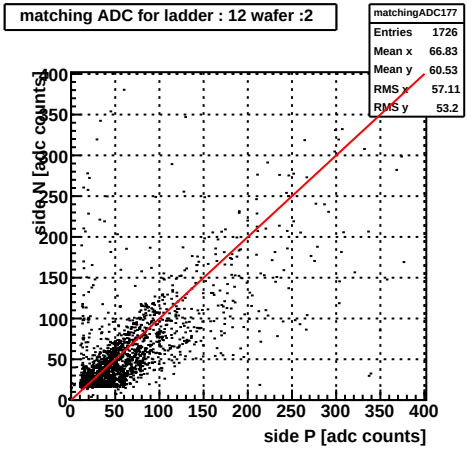

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1493
Mean x 78.46
Mean y 64.2
RMS x 64.35
RMS y 54.3
side N [adc counts]
side P [adc counts]

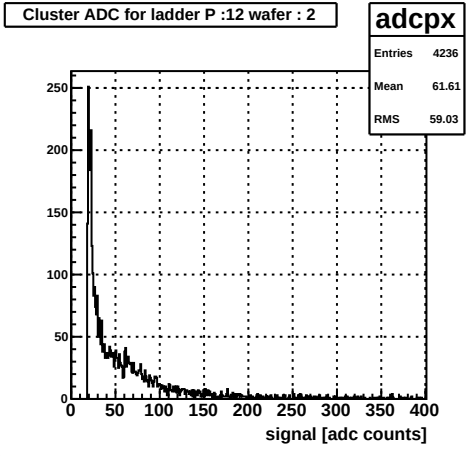

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3361
Mean 68.34
RMS 64.85
signal [adc counts]

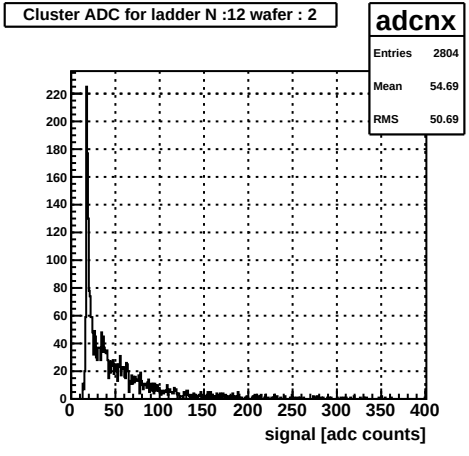

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 3628
Mean 50.38
RMS 50.87
signal [adc counts]

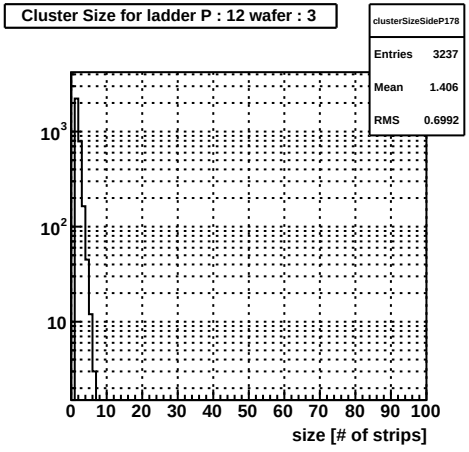

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4236
Mean 1.35
RMS 0.6547
size [# of strips]

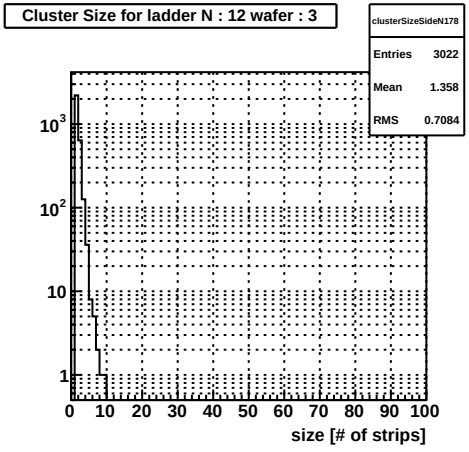

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 2804
Mean 1.477
RMS 0.8491
size [# of strips]

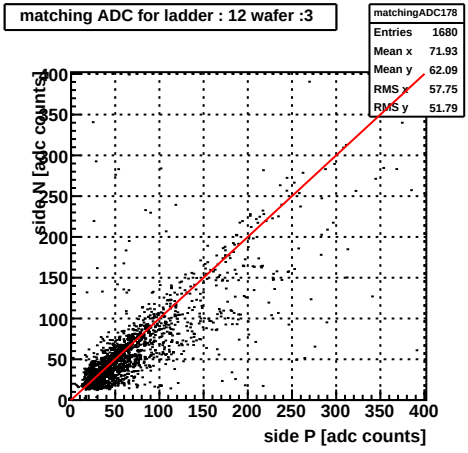

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 1726
Mean x 66.83
Mean y 60.53
RMS x 57.11
RMS y 53.2
side N [adc counts]
side P [adc counts]

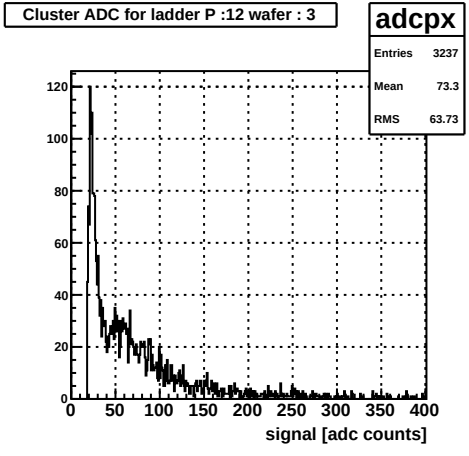

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4236
Mean 61.61
RMS 59.03
signal [adc counts]

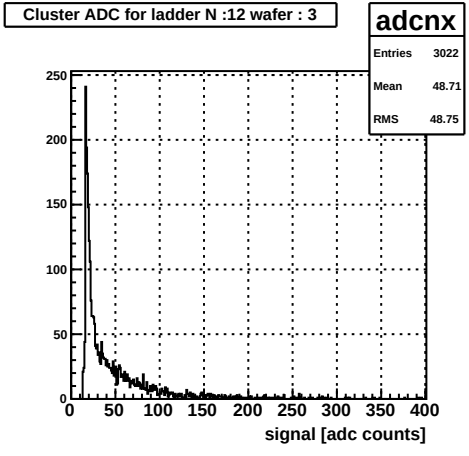

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 2804
Mean 54.69
RMS 50.69
signal [adc counts]

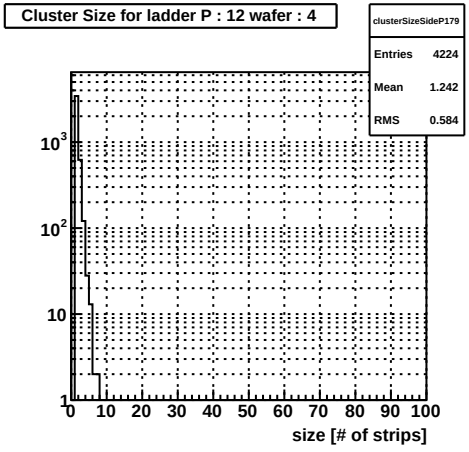

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3237
Mean 1.406
RMS 0.6992
size [# of strips]

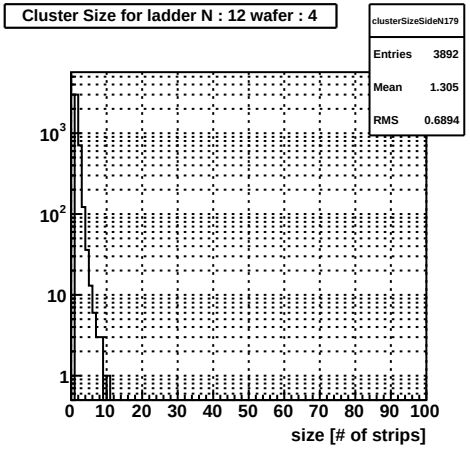

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 3022
Mean 1.358
RMS 0.7084
size [# of strips]

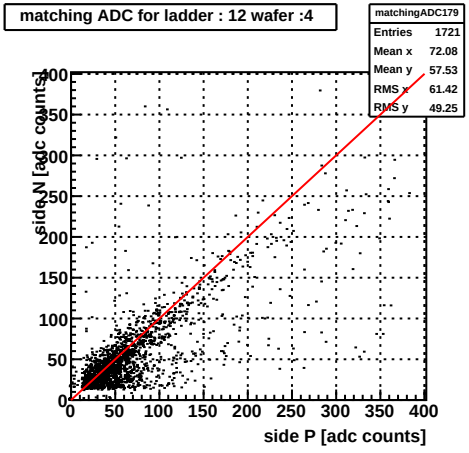

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1680
Mean x 71.93
Mean y 62.09
RMS x 57.75
RMS y 51.79
side N [adc counts]
side P [adc counts]

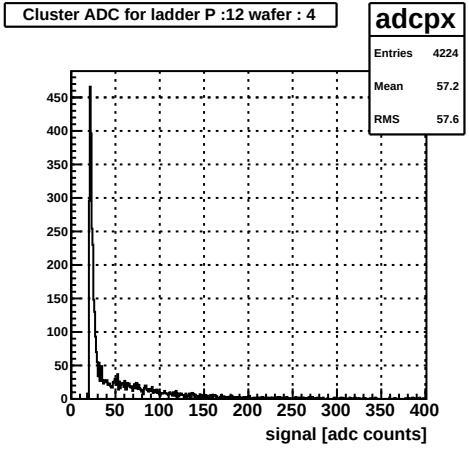

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3237
Mean 73.3
RMS 63.73
signal [adc counts]

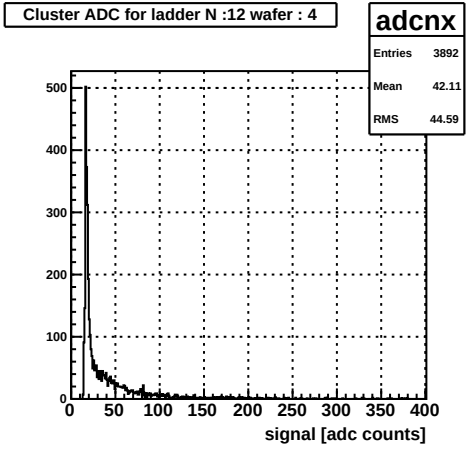

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 3022
Mean 48.71
RMS 48.75
signal [adc counts]

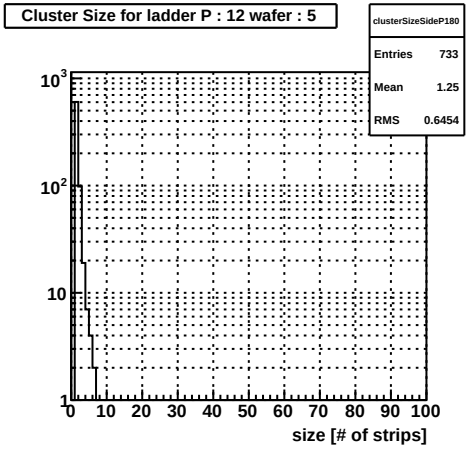

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 4224
Mean 1.242
RMS 0.584
size [# of strips]

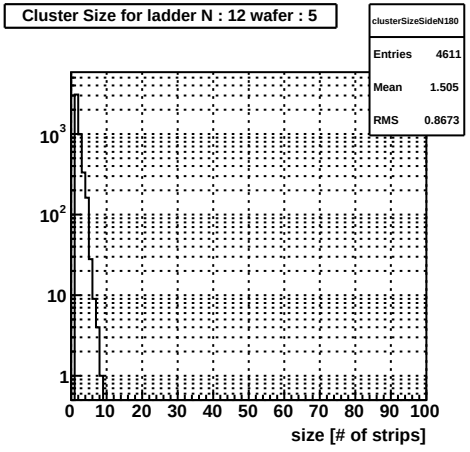

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 3892
Mean 1.305
RMS 0.6894
size [# of strips]

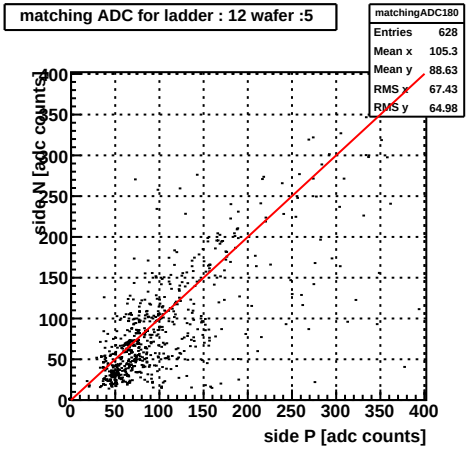

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1721
Mean x 72.08
Mean y 57.53
RMS x 61.42
RMS y 49.25
side N [adc counts]
side P [adc counts]

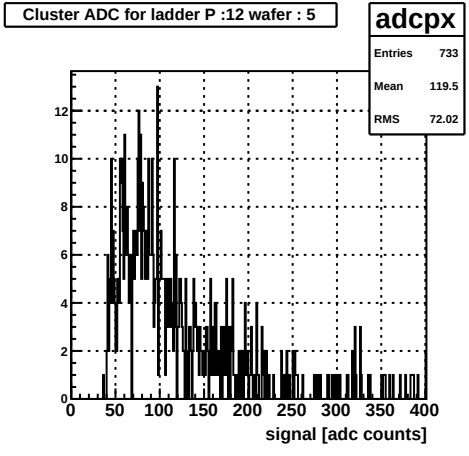

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 4224
Mean 57.2
RMS 57.6
signal [adc counts]

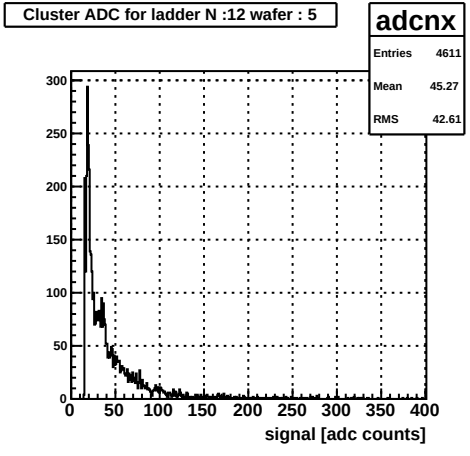

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 3892
Mean 42.11
RMS 44.59
signal [adc counts]

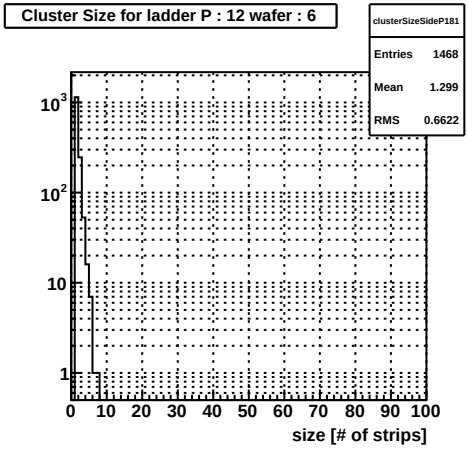

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 733
Mean 1.25
RMS 0.6454
size [# of strips]

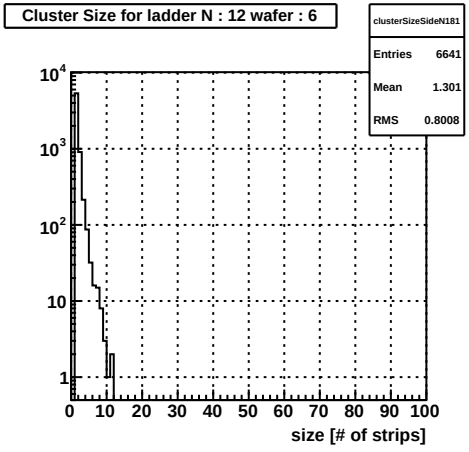

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 4611
Mean 1.505
RMS 0.8673
size [# of strips]

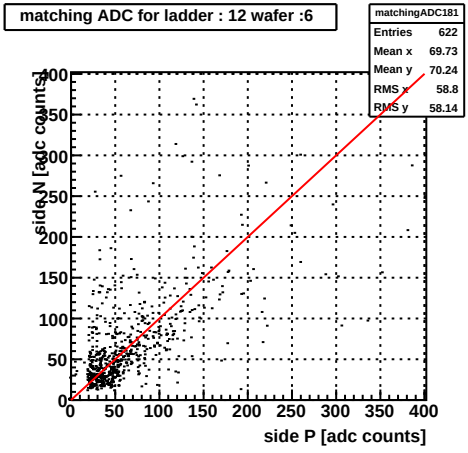

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 628
Mean x 105.3
Mean y 88.63
RMS x 67.43
RMS y 64.98
side N [adc counts]
side P [adc counts]

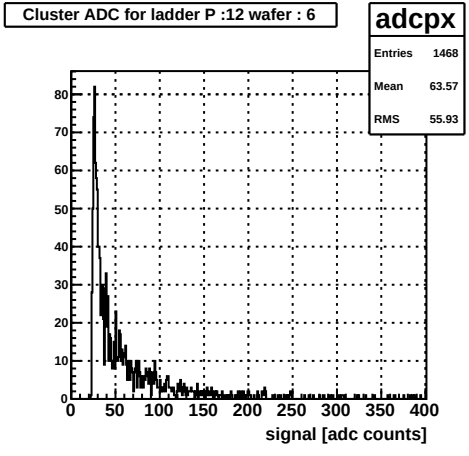

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 733
Mean 119.5
RMS 72.02
signal [adc counts]

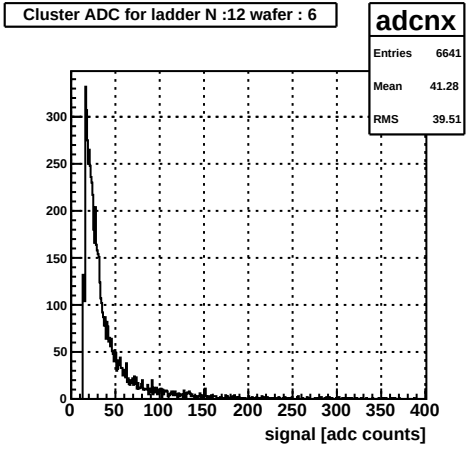

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 4611
Mean 45.27
RMS 42.61
signal [adc counts]

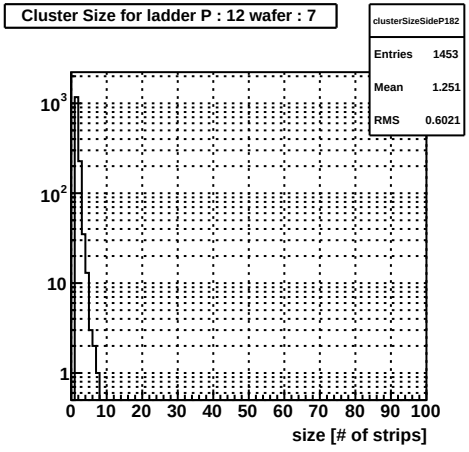

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1468
Mean 1.299
RMS 0.6622
size [# of strips]

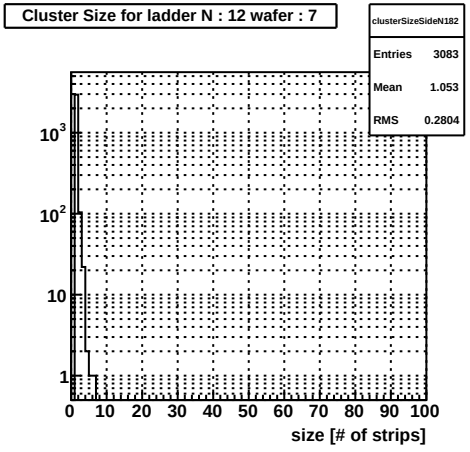

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 6641
Mean 1.301
RMS 0.8008
size [# of strips]

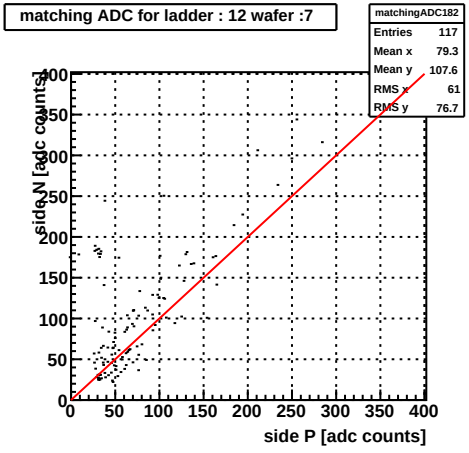

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 622
Mean x 69.73
Mean y 70.24
RMS x 58.8
RMS y 58.14
side N [adc counts]
side P [adc counts]

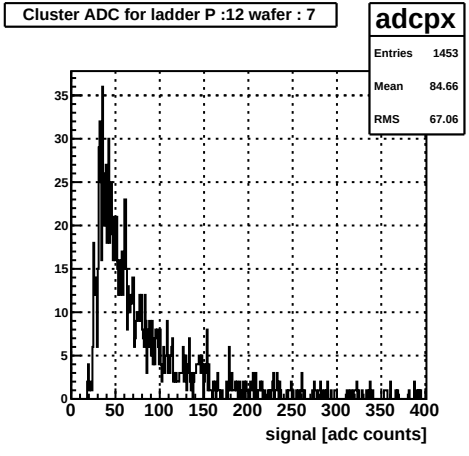

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1468
Mean 63.57
RMS 55.93
signal [adc counts]

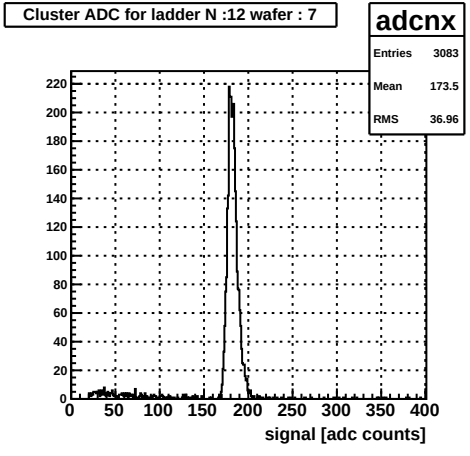

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 6641
Mean 41.28
RMS 39.51
signal [adc counts]

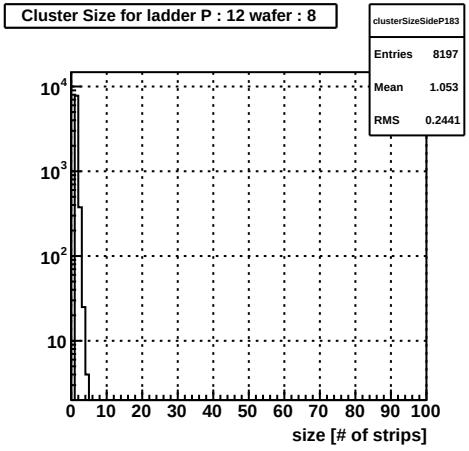

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1453
Mean 1.251
RMS 0.6021
size [# of strips]

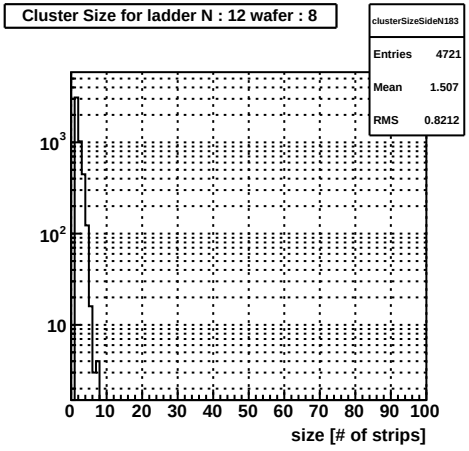

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 3083
Mean 1.053
RMS 0.2804
size [# of strips]

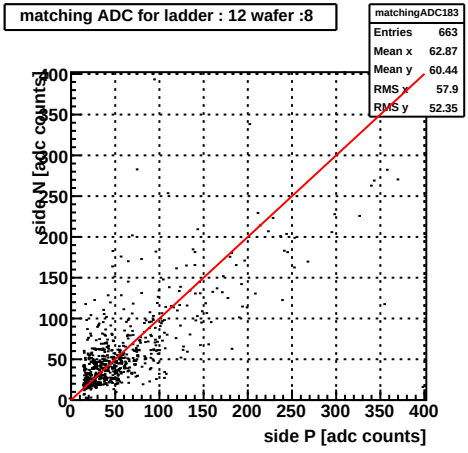

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 117
Mean x 79.3
Mean y 107.6
RMS x 61
RMS y 76.7
side N [adc counts]
side P [adc counts]

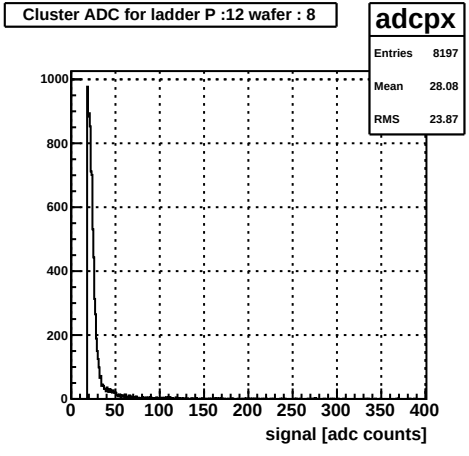

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1453
Mean 84.66
RMS 67.06
signal [adc counts]

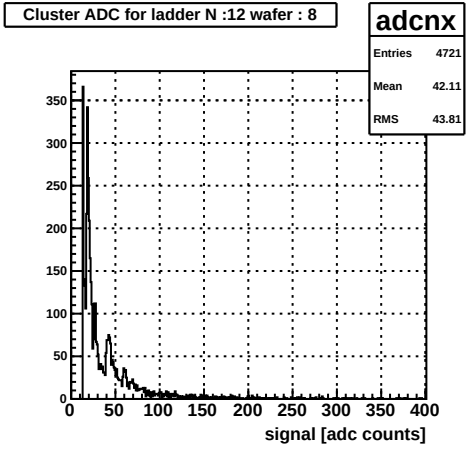

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 3083
Mean 173.5
RMS 36.96
signal [adc counts]

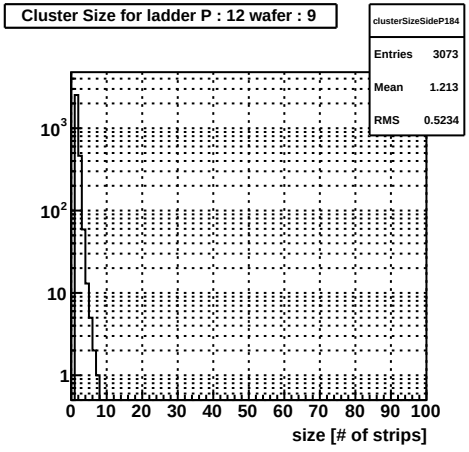

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 8197
Mean 1.053
RMS 0.2441
size [# of strips]

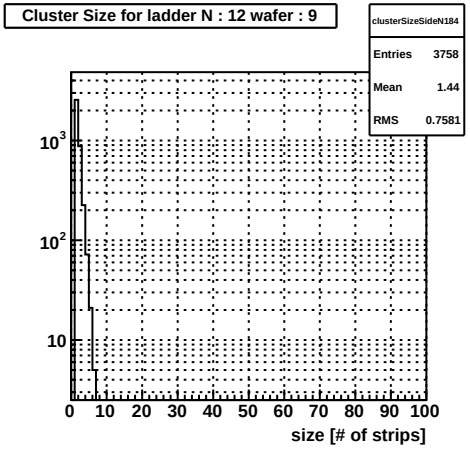

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 4721
Mean 1.507
RMS 0.8212
size [# of strips]

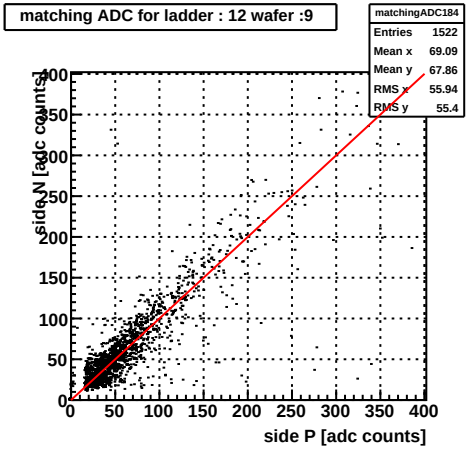

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 663
Mean x 62.87
Mean y 60.44
RMS x 57.9
RMS y 52.35
side N [adc counts]
side P [adc counts]

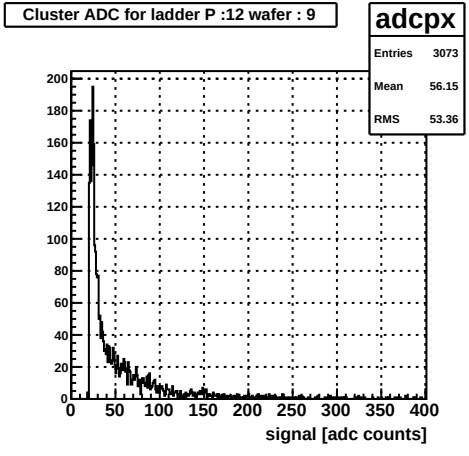

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 8197
Mean 28.08
RMS 23.87
signal [adc counts]

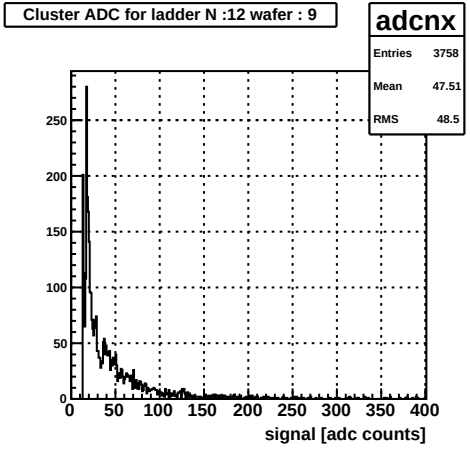

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 4721
Mean 42.11
RMS 43.81
signal [adc counts]

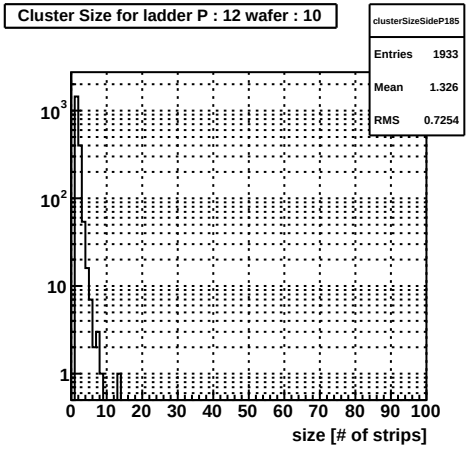

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 3073
Mean 1.213
RMS 0.5234
size [# of strips]

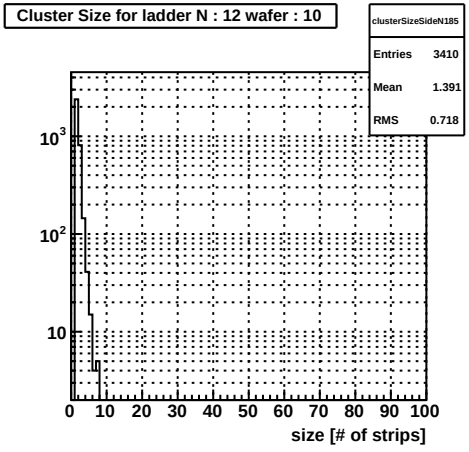

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 3758
Mean 1.44
RMS 0.7581
size [# of strips]

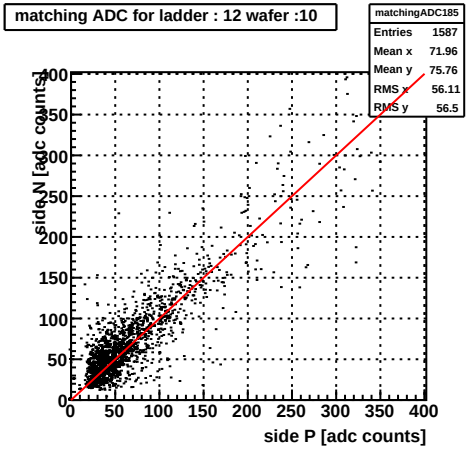

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1522
Mean x 69.09
Mean y 67.86
RMS x 55.94
RMS y 55.4
side N [adc counts]
side P [adc counts]

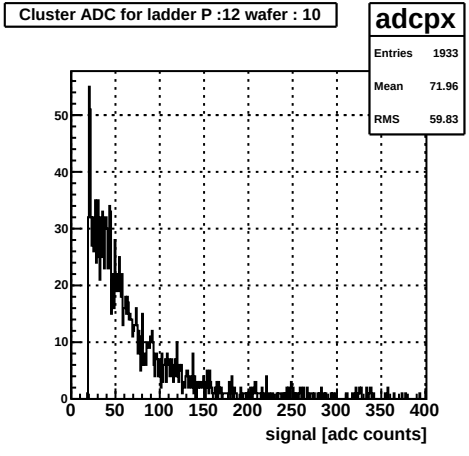

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 3073
Mean 56.15
RMS 53.36
signal [adc counts]

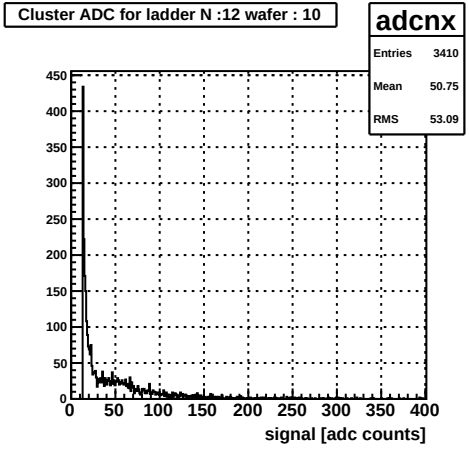

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 3758
Mean 47.51
RMS 48.5
signal [adc counts]

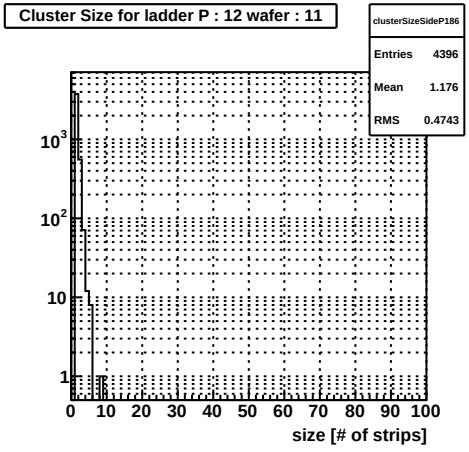

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 1933
Mean 1.326
RMS 0.7254
size [# of strips]

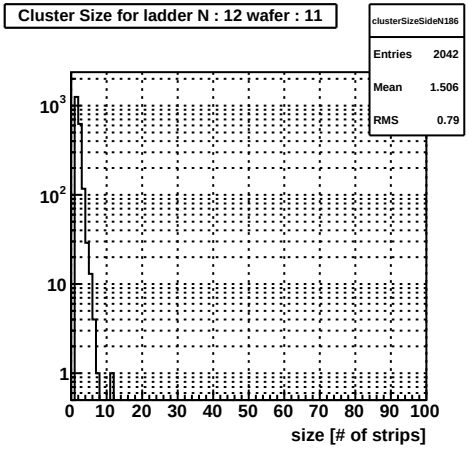

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 3410
Mean 1.391
RMS 0.718
size [# of strips]

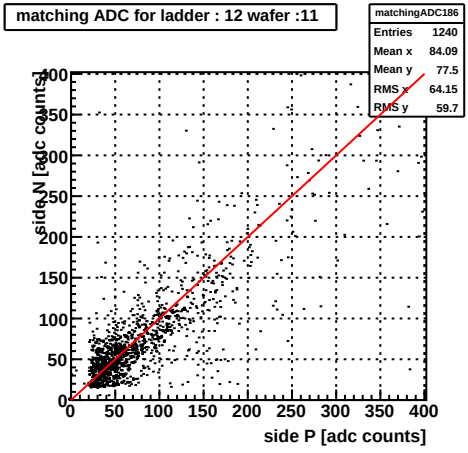

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1587
Mean x 71.96
Mean y 75.76
RMS x 56.11
RMS y 56.5
side N [adc counts]
side P [adc counts]

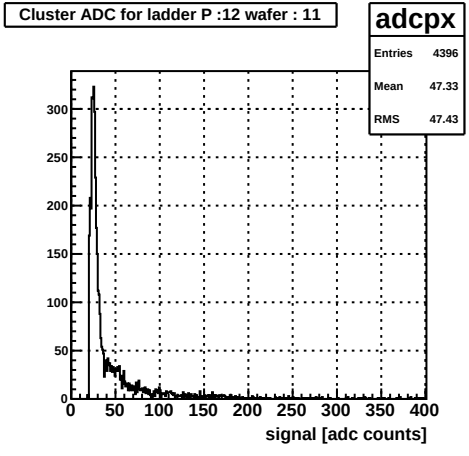

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 1933
Mean 71.96
RMS 59.83
signal [adc counts]

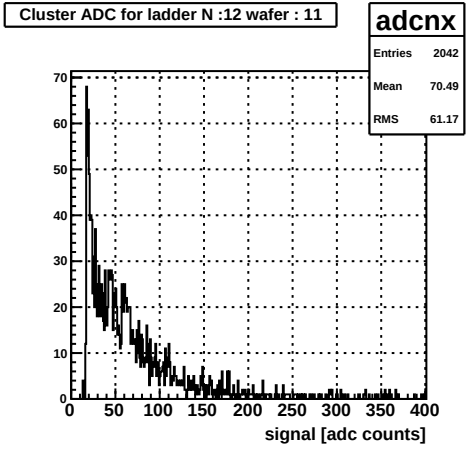

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 3410
Mean 50.75
RMS 53.09
signal [adc counts]

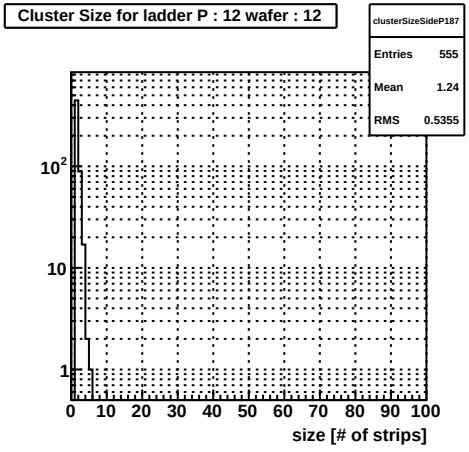

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 4396
Mean 1.176
RMS 0.4743
size [# of strips]

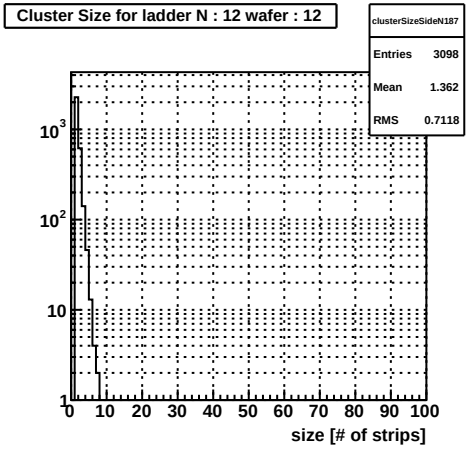

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2042
Mean 1.506
RMS 0.79
size [# of strips]

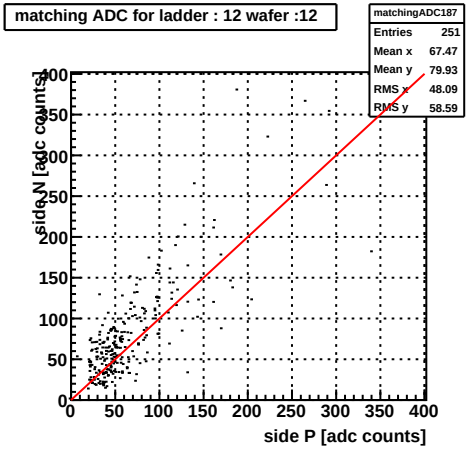

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1240
Mean x 84.09
Mean y 77.5
RMS x 64.15
RMS y 59.7
side N [adc counts]
side P [adc counts]

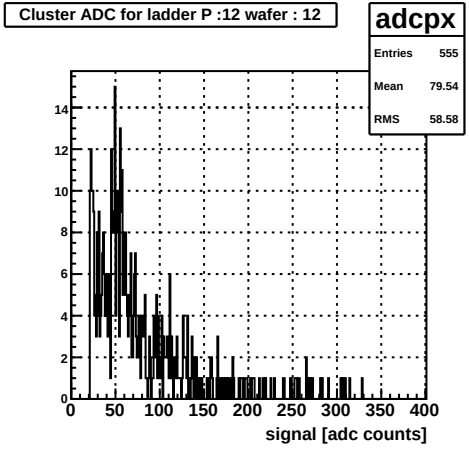

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 4396
Mean 47.33
RMS 47.43
signal [adc counts]

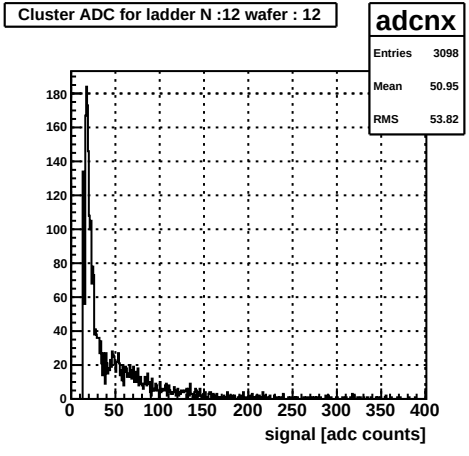

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2042
Mean 70.49
RMS 61.17
signal [adc counts]

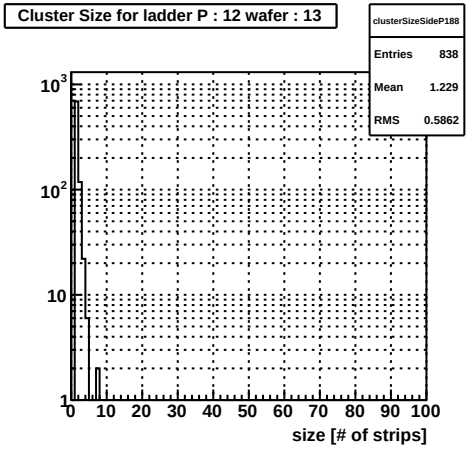

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 555
Mean 1.24
RMS 0.5355
size [# of strips]

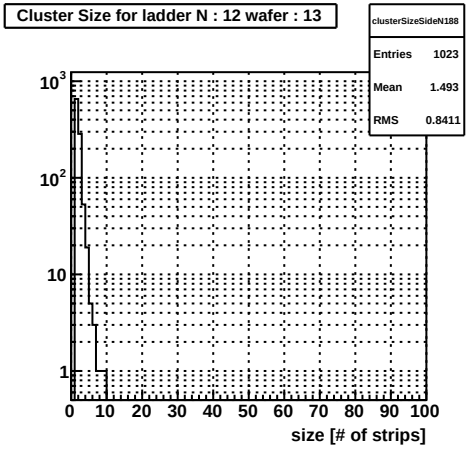

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 3098
Mean 1.362
RMS 0.7118
size [# of strips]

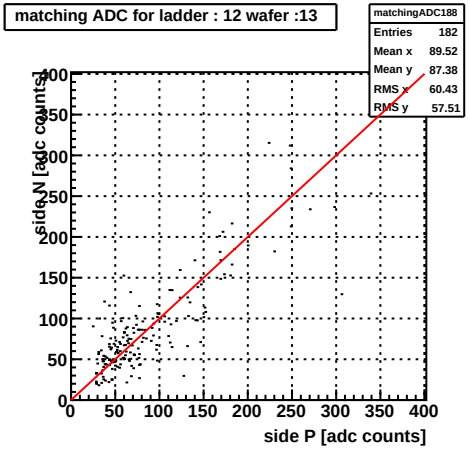

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 251
Mean x 67.47
Mean y 79.93
RMS x 48.09
RMS y 58.59
side N [adc counts]
side P [adc counts]

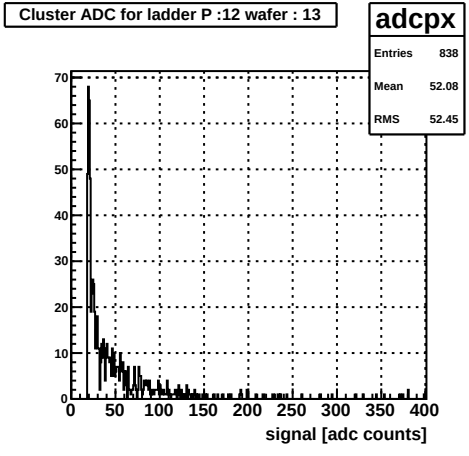

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 555
Mean 79.54
RMS 58.58
signal [adc counts]

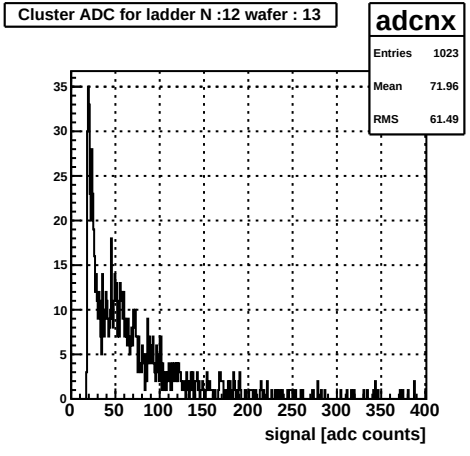

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 3098
Mean 50.95
RMS 53.82
signal [adc counts]

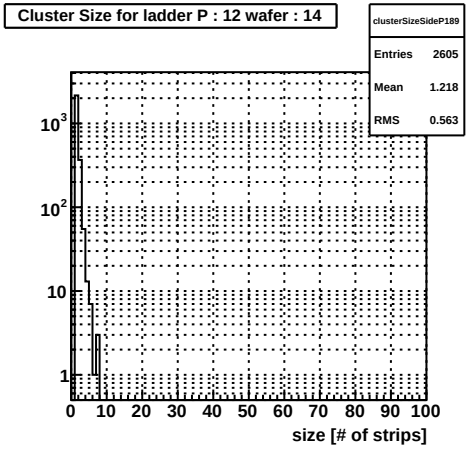

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 838
Mean 1.229
RMS 0.5862
size [# of strips]

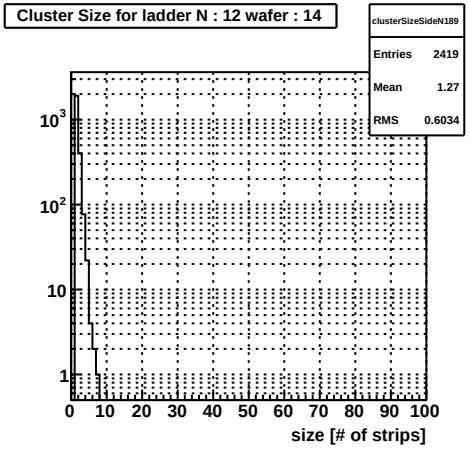

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 1023
Mean 1.493
RMS 0.8411
size [# of strips]

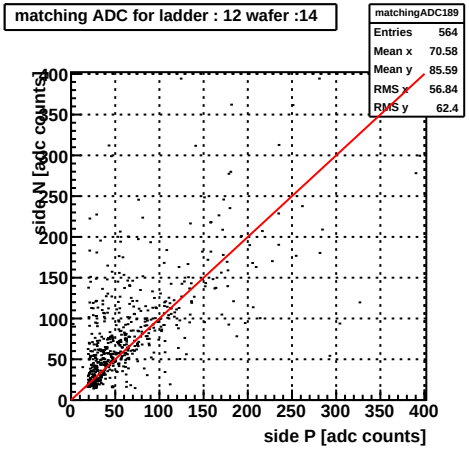

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 182
Mean x 89.52
Mean y 87.38
RMS x 60.43
RMS y 57.51
side N [adc counts]
side P [adc counts]

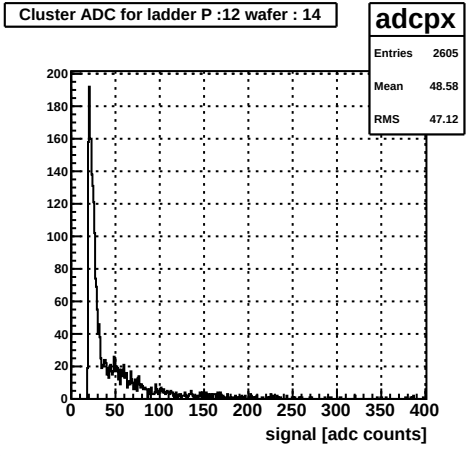

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 838
Mean 52.08
RMS 52.45
signal [adc counts]

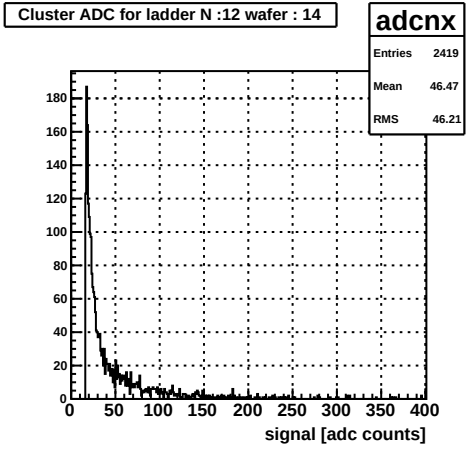

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 1023
Mean 71.96
RMS 61.49
signal [adc counts]

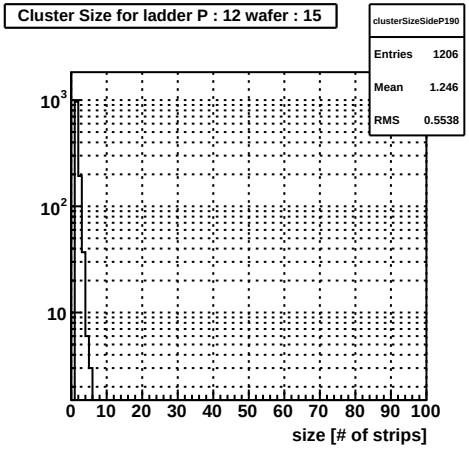

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 2605
Mean 1.218
RMS 0.563
size [# of strips]

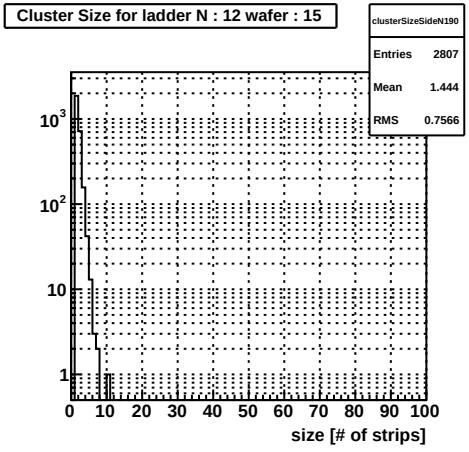

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2419
Mean 1.27
RMS 0.6034
size [# of strips]

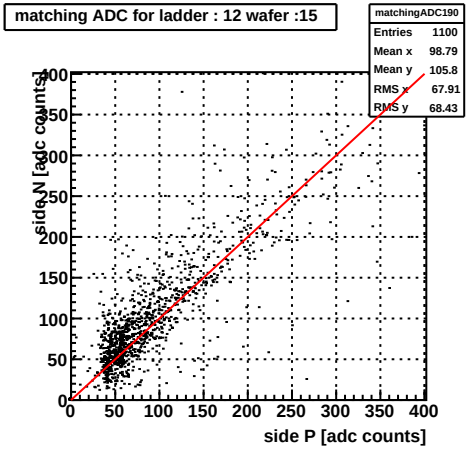

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 564
Mean x 70.58
Mean y 85.59
RMS x 56.84
RMS y 62.4
side N [adc counts]
side P [adc counts]

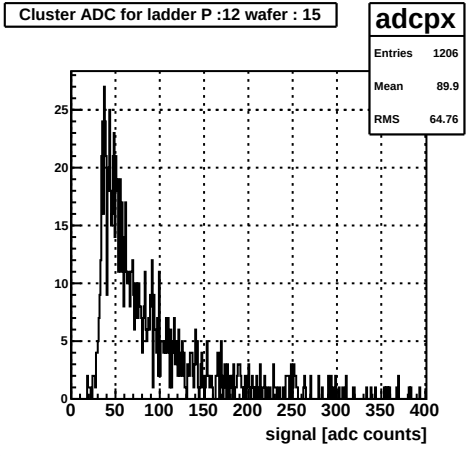

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 2605
Mean 48.58
RMS 47.12
signal [adc counts]

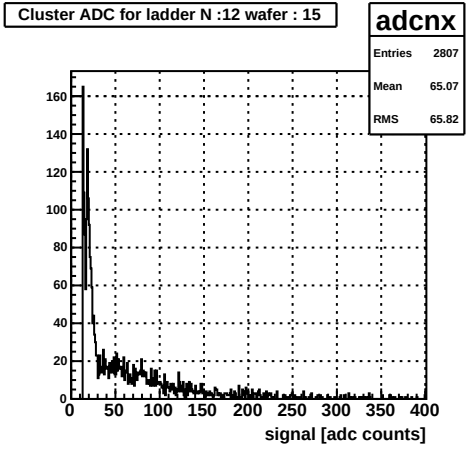

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2419
Mean 46.47
RMS 46.21
signal [adc counts]

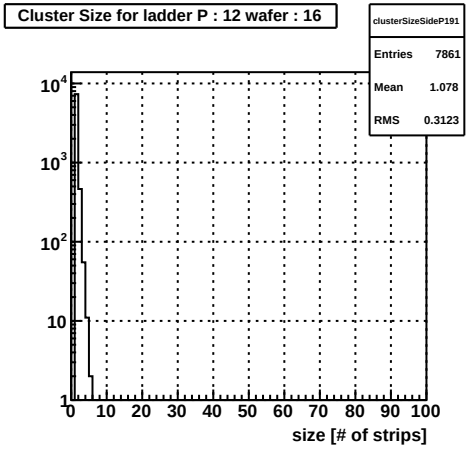

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1206
Mean 1.246
RMS 0.5538
size [# of strips]

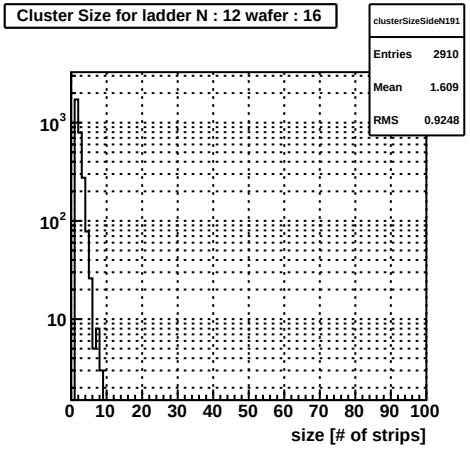

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2807
Mean 1.444
RMS 0.7566
size [# of strips]

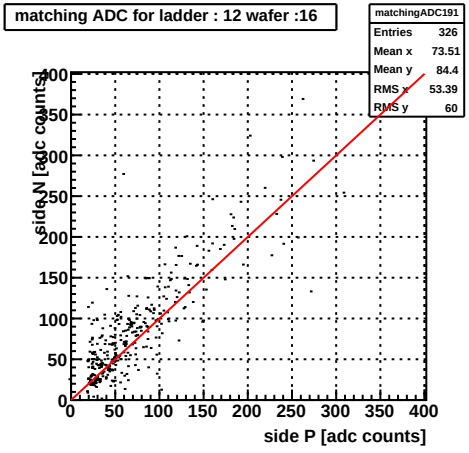

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1100
Mean x 98.79
Mean y 105.8
RMS x 67.91
RMS y 68.43
side N [adc counts]
side P [adc counts]

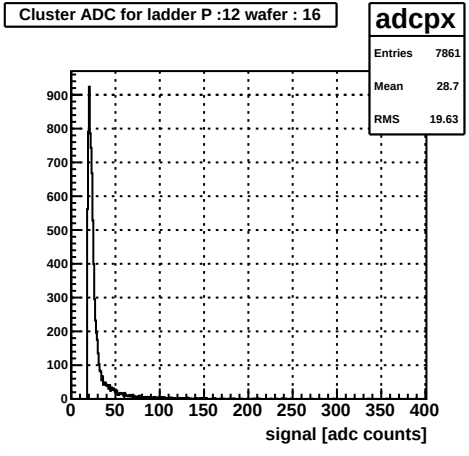

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1206
Mean 89.9
RMS 64.76
signal [adc counts]

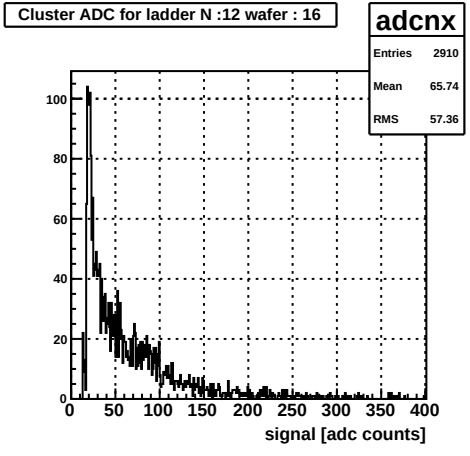

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2807
Mean 65.07
RMS 65.82
signal [adc counts]

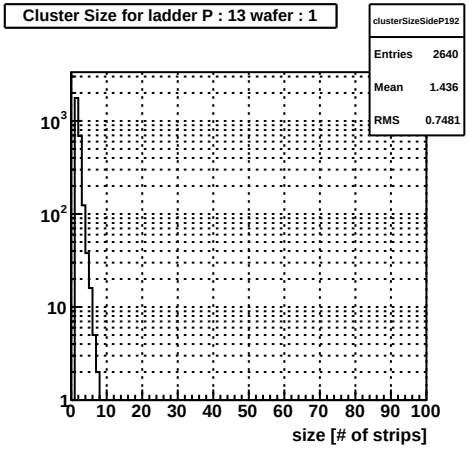

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 7861
Mean 1.078
RMS 0.3123
size [# of strips]

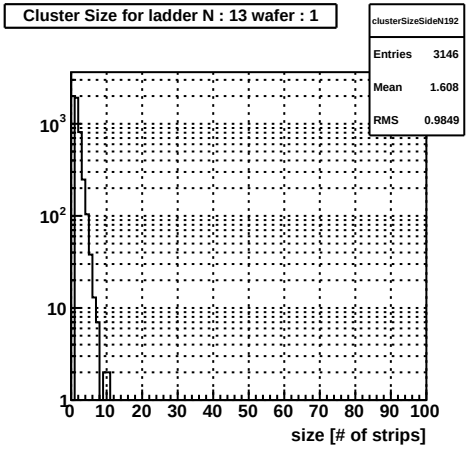

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2910
Mean 1.609
RMS 0.9248
size [# of strips]

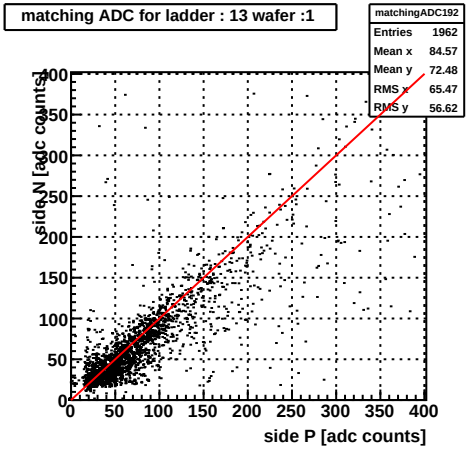

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 326
Mean x 73.51
Mean y 84.4
RMS x 53.39
RMS y 60
side N [adc counts]
side P [adc counts]

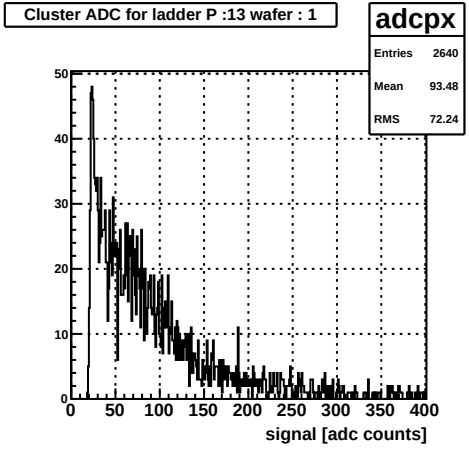

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 7861
Mean 28.7
RMS 19.63
signal [adc counts]

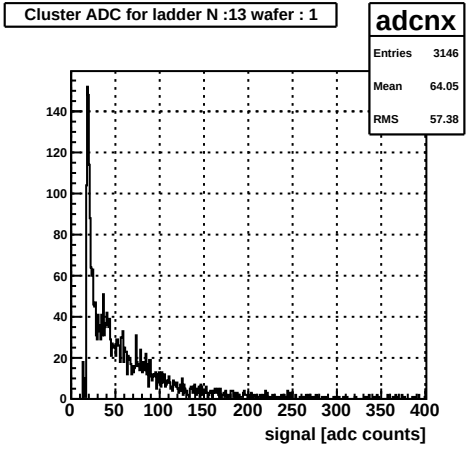

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2910
Mean 65.74
RMS 57.36
signal [adc counts]

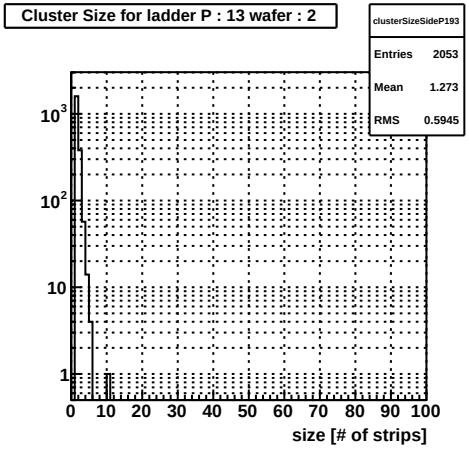

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2640
Mean 1.436
RMS 0.7481
size [# of strips]

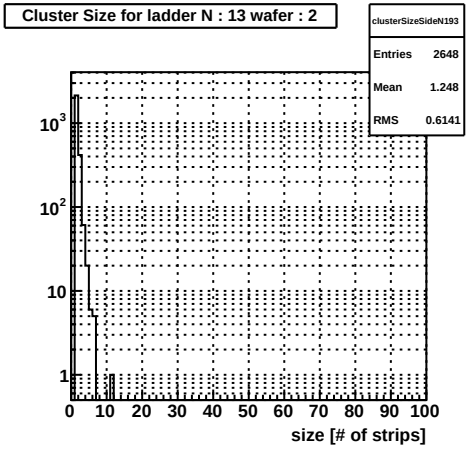

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3146
Mean 1.608
RMS 0.9849
size [# of strips]

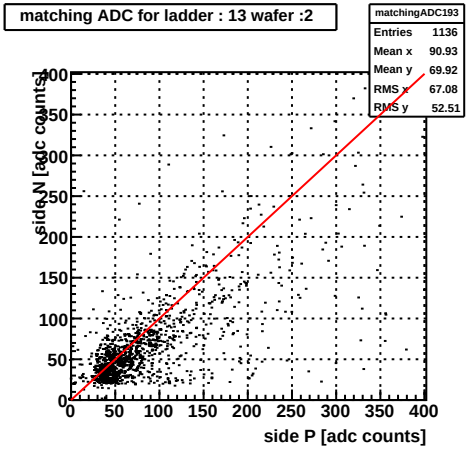

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1962
Mean x 84.57
Mean y 72.48
RMS x 65.47
RMS y 56.62
side N [adc counts]
side P [adc counts]

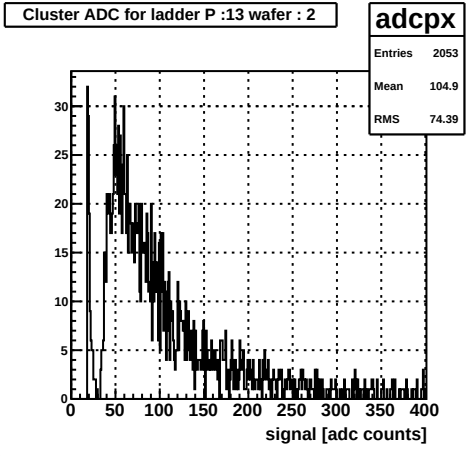

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2640
Mean 93.48
RMS 72.24
signal [adc counts]

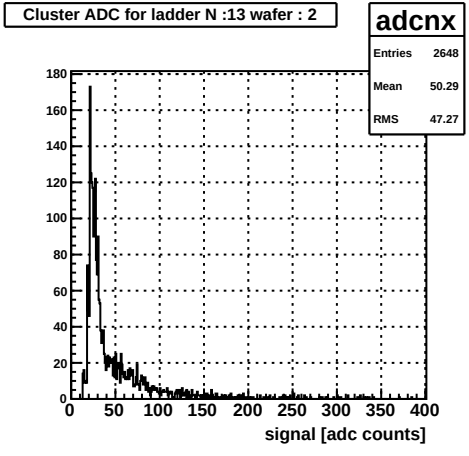

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3146
Mean 64.05
RMS 57.38
signal [adc counts]

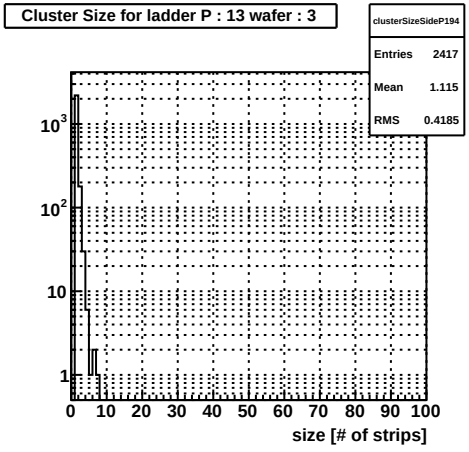

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 2053
Mean 1.273
RMS 0.5945
size [# of strips]

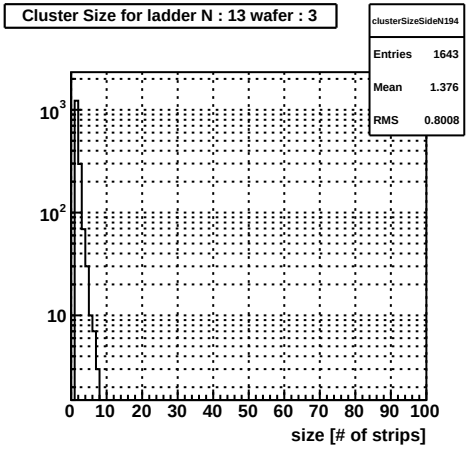

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 2648
Mean 1.248
RMS 0.6141
size [# of strips]

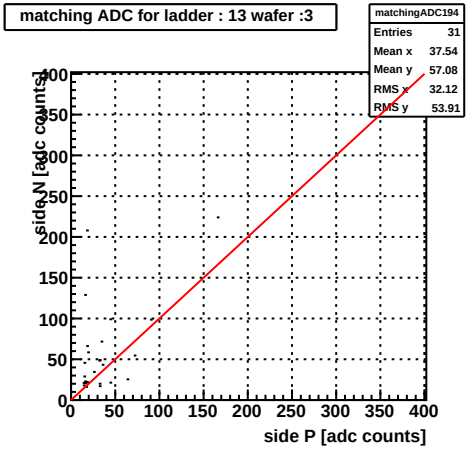

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1136
Mean x 90.93
Mean y 69.92
RMS x 67.08
RMS y 52.51
side N [adc counts]
side P [adc counts]

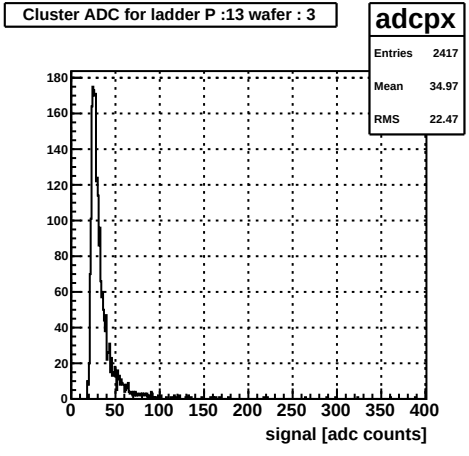

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 2053
Mean 104.9
RMS 74.39
signal [adc counts]

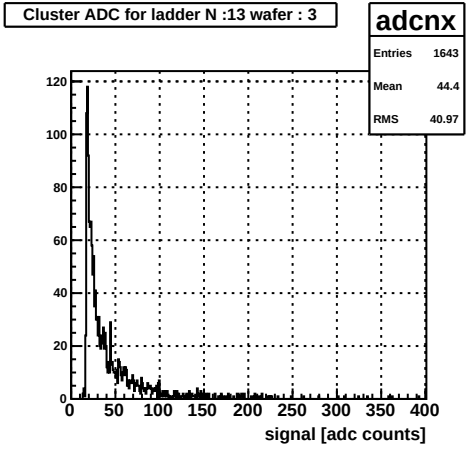

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 2648
Mean 50.29
RMS 47.27
signal [adc counts]

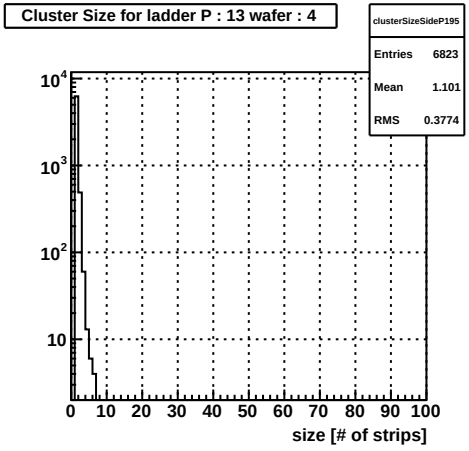

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 2417
Mean 1.115
RMS 0.4185
size [# of strips]

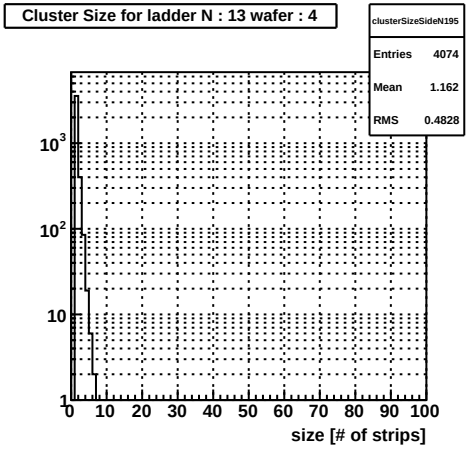

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1643
Mean 1.376
RMS 0.8008
size [# of strips]

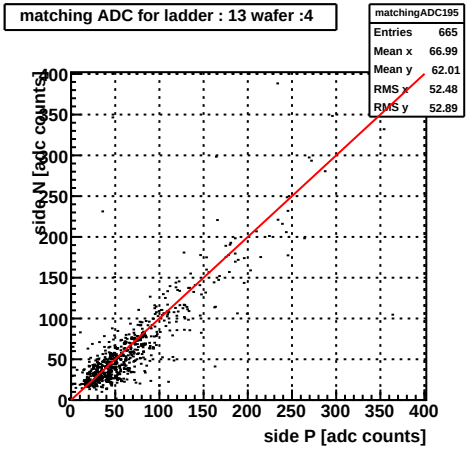

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 31
Mean x 37.54
Mean y 57.08
RMS x 32.12
RMS y 53.91
side N [adc counts]
side P [adc counts]

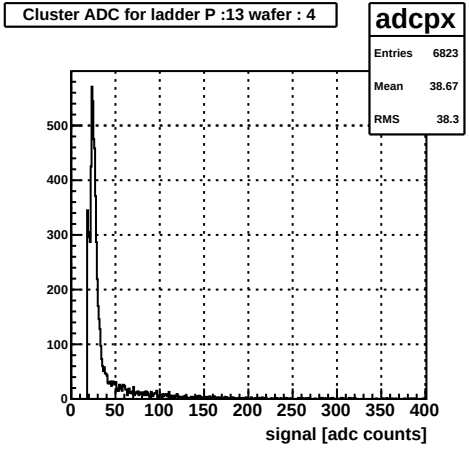

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 2417
Mean 34.97
RMS 22.47
signal [adc counts]

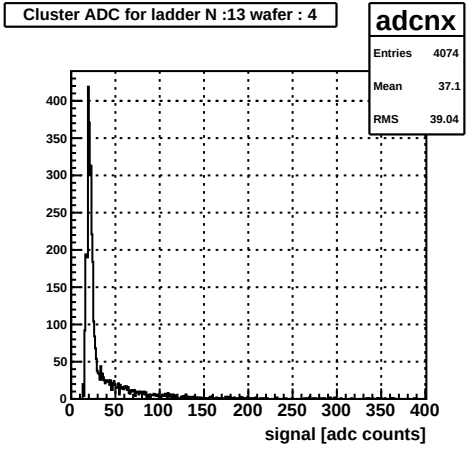

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1643
Mean 44.4
RMS 40.97
signal [adc counts]

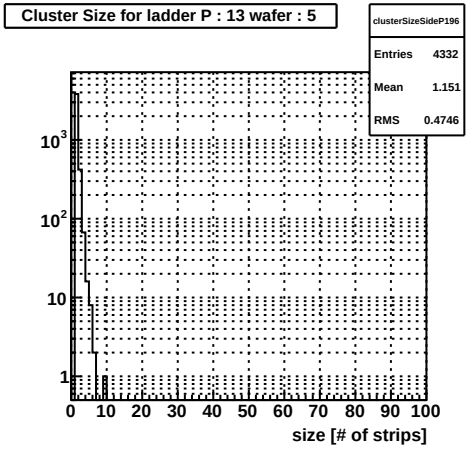

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 6823
Mean 1.101
RMS 0.3774
size [# of strips]

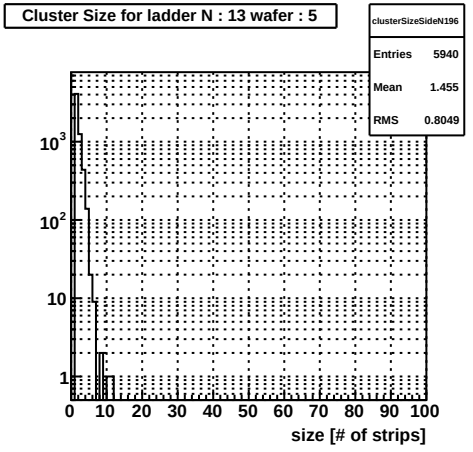

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 4074
Mean 1.162
RMS 0.4828
size [# of strips]

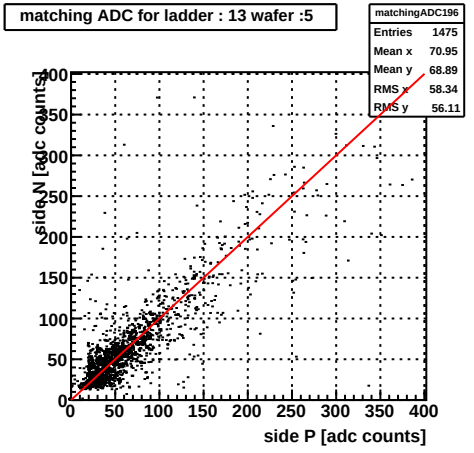

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 665
Mean x 66.99
Mean y 62.01
RMS x 52.48
RMS y 52.89
side N [adc counts]
side P [adc counts]

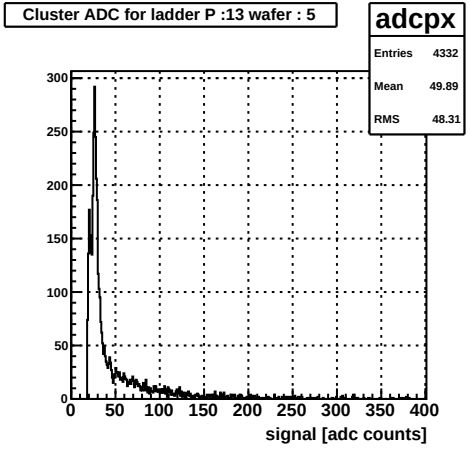

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 6823
Mean 38.67
RMS 38.3
signal [adc counts]

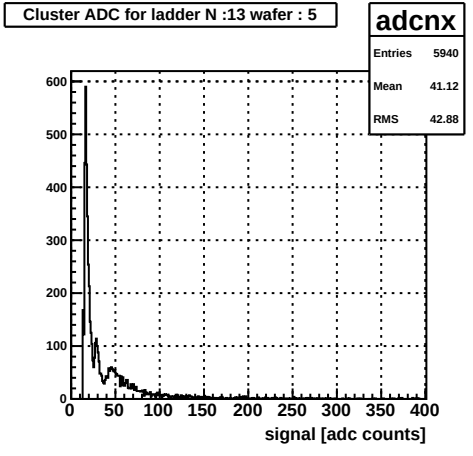

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 4074
Mean 37.1
RMS 39.04
signal [adc counts]

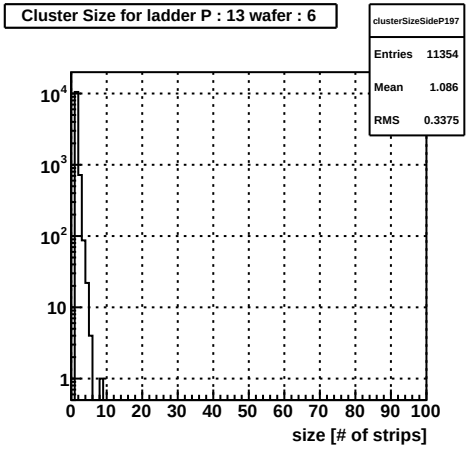

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 4332
Mean 1.151
RMS 0.4746
size [# of strips]

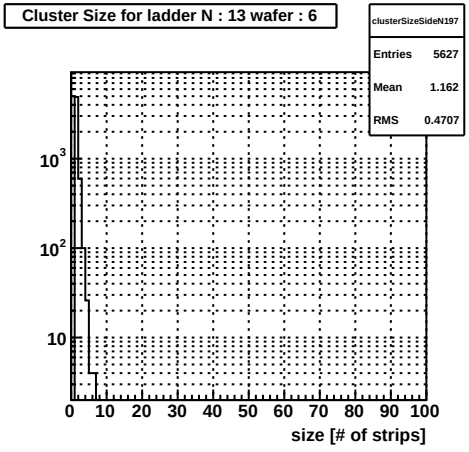

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 5940
Mean 1.455
RMS 0.8049
size [# of strips]

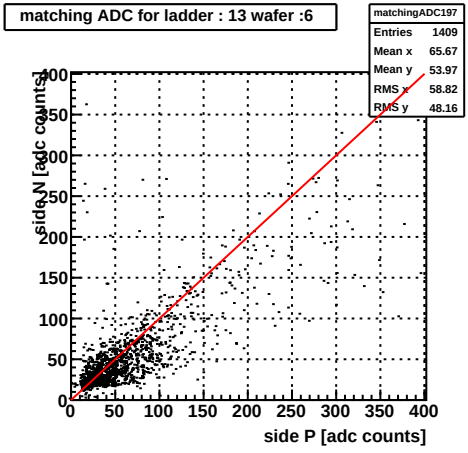

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1475
Mean x 70.95
Mean y 68.89
RMS x 58.34
RMS y 56.11
side N [adc counts]
side P [adc counts]

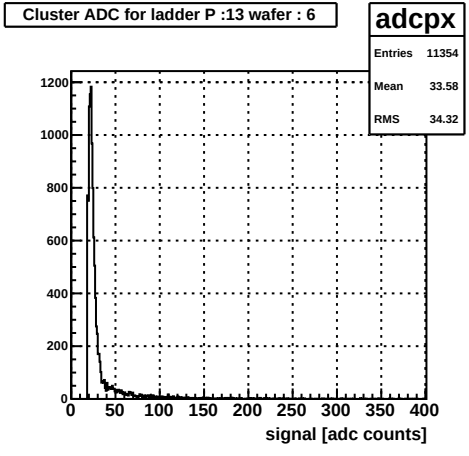

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 4332
Mean 49.89
RMS 48.31
signal [adc counts]

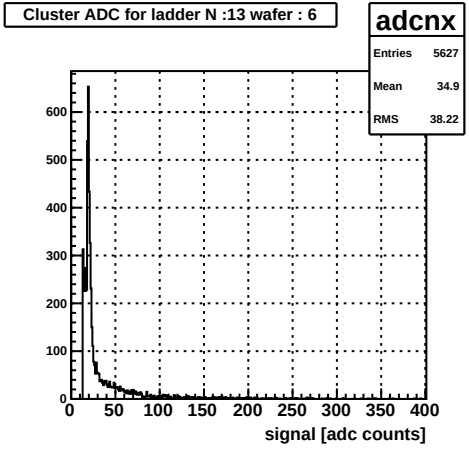

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 5940
Mean 41.12
RMS 42.88
signal [adc counts]

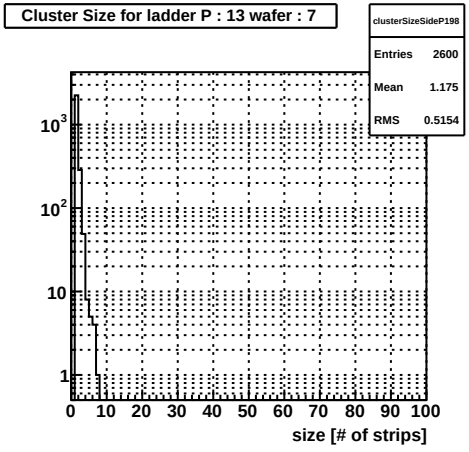

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 11354
Mean 1.086
RMS 0.3375
size [# of strips]

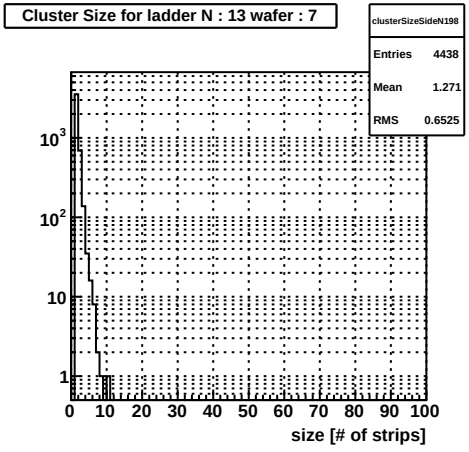

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 5627
Mean 1.162
RMS 0.4707
size [# of strips]

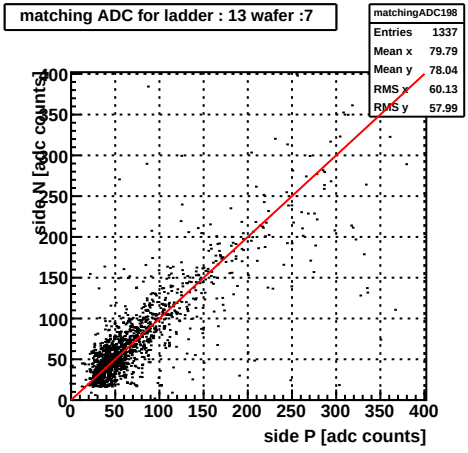

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1409
Mean x 65.67
Mean y 53.97
RMS x 58.82
RMS y 48.16
side N [adc counts]
side P [adc counts]

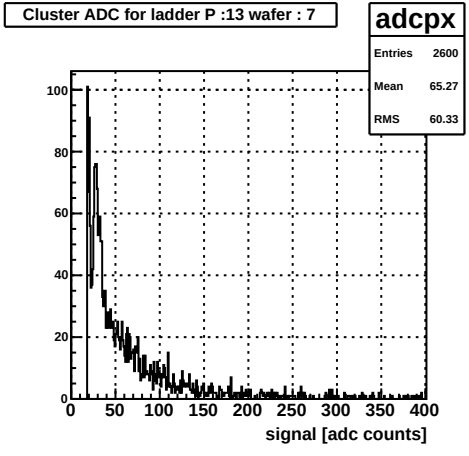

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 11354
Mean 33.58
RMS 34.32
signal [adc counts]

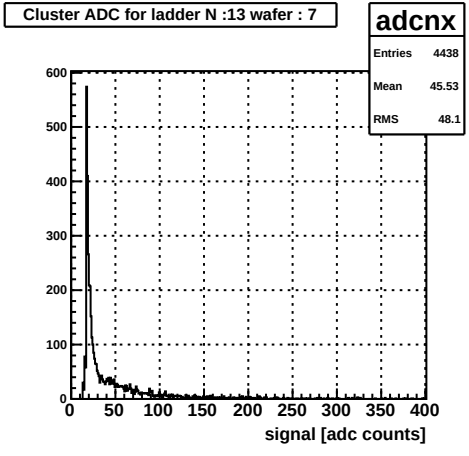

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 5627
Mean 34.9
RMS 38.22
signal [adc counts]

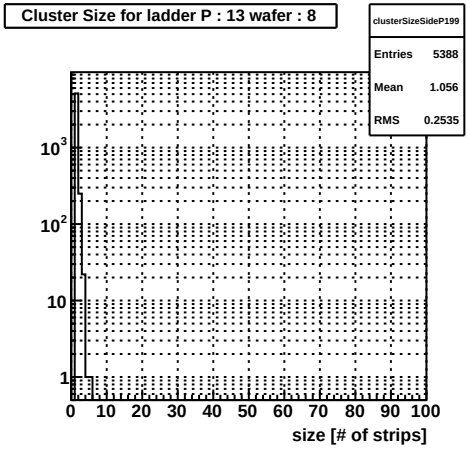

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2600
Mean 1.175
RMS 0.5154
size [# of strips]

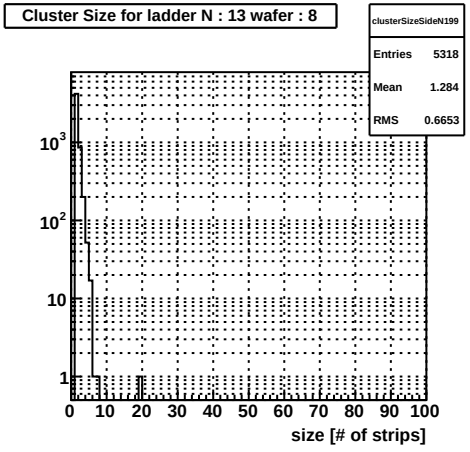

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 4438
Mean 1.271
RMS 0.6525
size [# of strips]

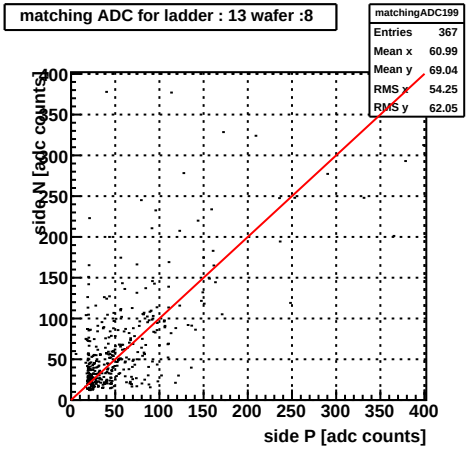

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1337
Mean x 79.79
Mean y 78.04
RMS x 60.13
RMS y 57.99
side N [adc counts]
side P [adc counts]

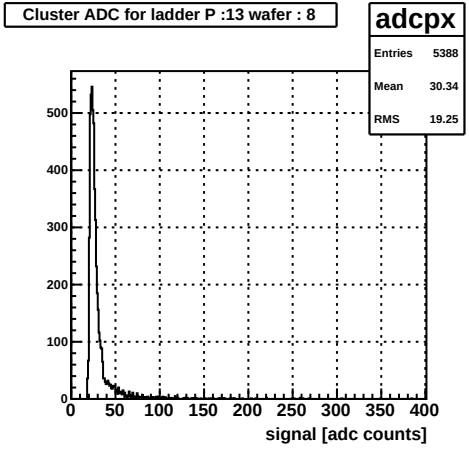

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2600
Mean 65.27
RMS 60.33
signal [adc counts]

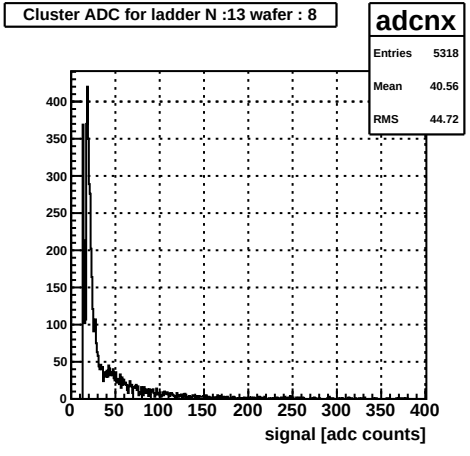

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 4438
Mean 45.53
RMS 48.1
signal [adc counts]

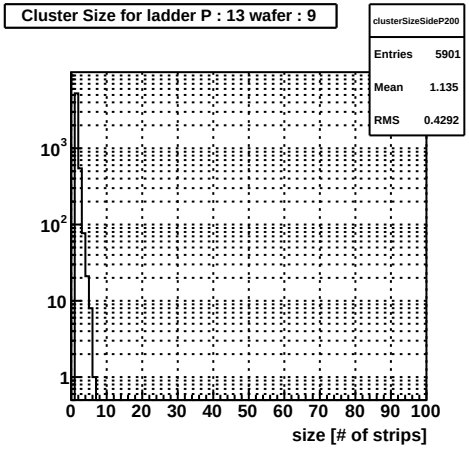

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 5388
Mean 1.056
RMS 0.2535
size [# of strips]

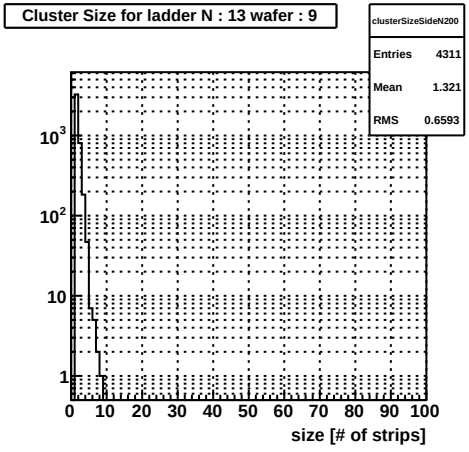

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 5318
Mean 1.284
RMS 0.6653
size [# of strips]

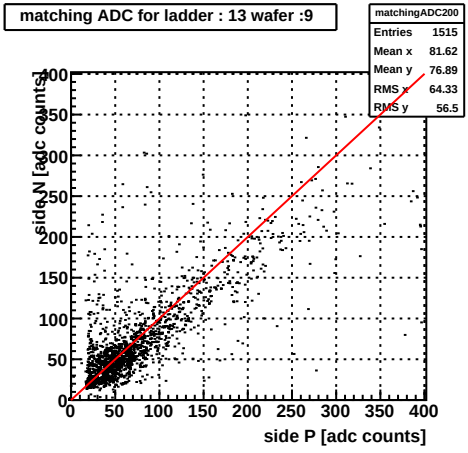

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 367
Mean x 60.99
Mean y 69.04
RMS x 54.25
RMS y 62.05
side N [adc counts]
side P [adc counts]

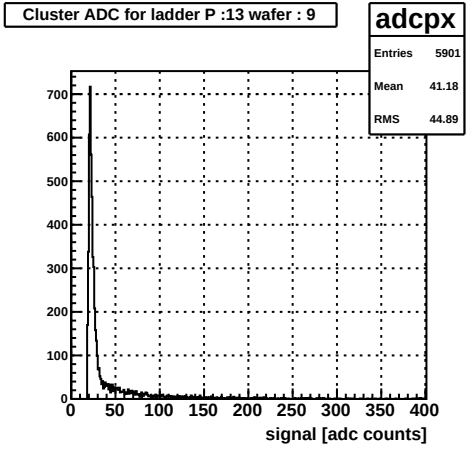

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 5388
Mean 30.34
RMS 19.25
signal [adc counts]

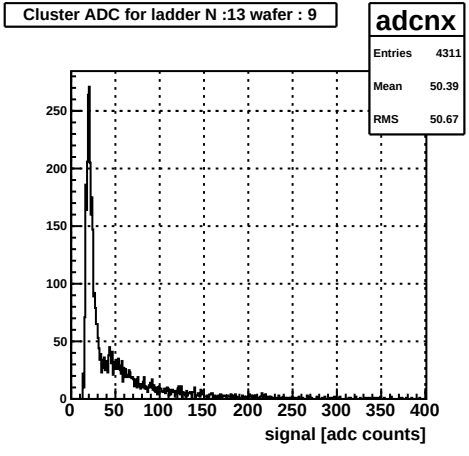

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 5318
Mean 40.56
RMS 44.72
signal [adc counts]

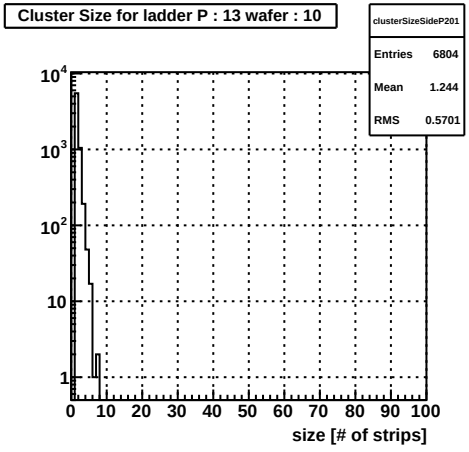

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 5901
Mean 1.135
RMS 0.4292
size [# of strips]

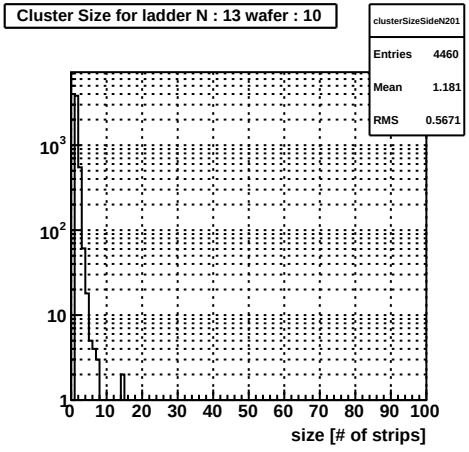

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4311
Mean 1.321
RMS 0.6593
size [# of strips]

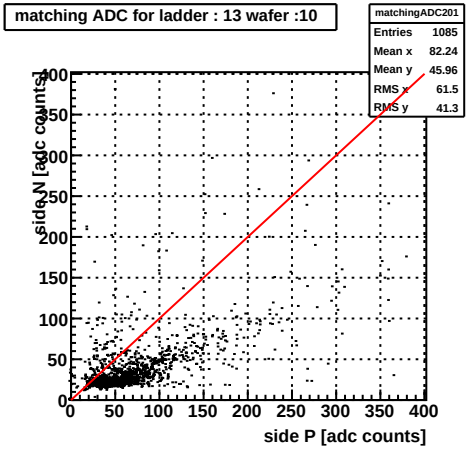

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1515
Mean x 81.62
Mean y 76.89
RMS x 64.33
RMS y 56.5
side N [adc counts]
side P [adc counts]

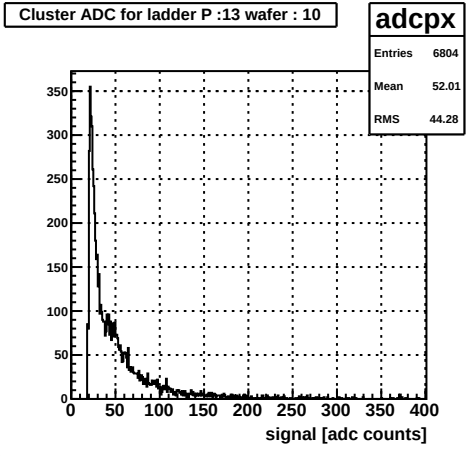

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 5901
Mean 41.18
RMS 44.89
signal [adc counts]

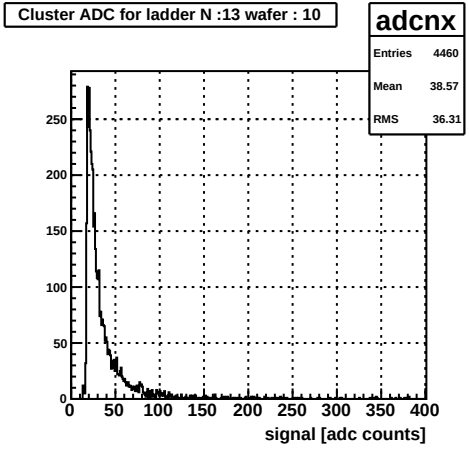

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4311
Mean 50.39
RMS 50.67
signal [adc counts]

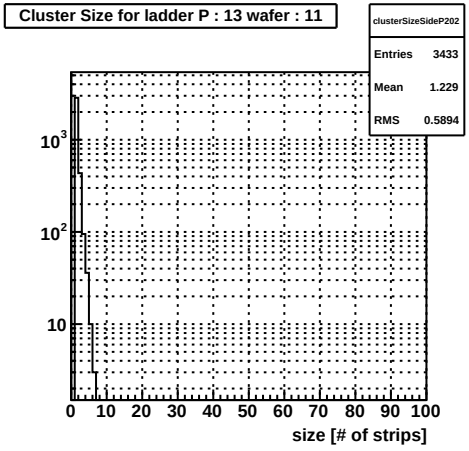

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 6804
Mean 1.244
RMS 0.5701
size [# of strips]

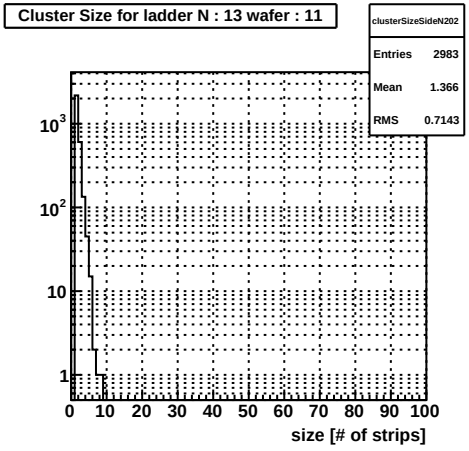

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4460
Mean 1.181
RMS 0.5671
size [# of strips]

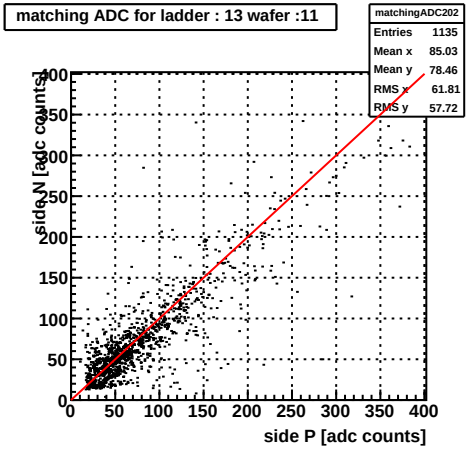

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1085
Mean x 82.24
Mean y 45.96
RMS x 61.5
RMS y 41.3
side N [adc counts]
side P [adc counts]

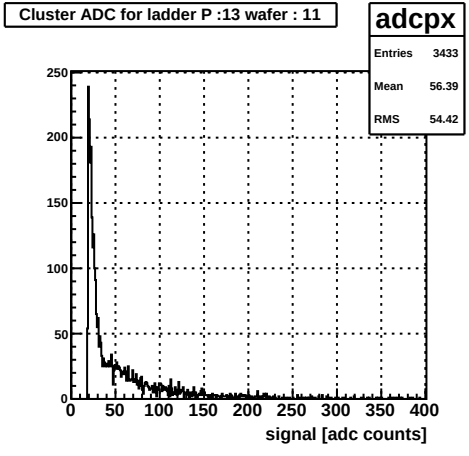

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 6804
Mean 52.01
RMS 44.28
signal [adc counts]

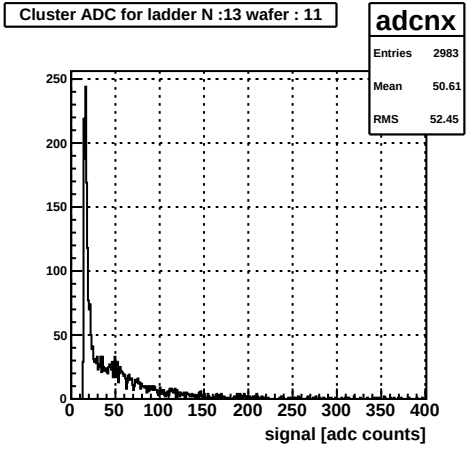

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4460
Mean 38.57
RMS 36.31
signal [adc counts]

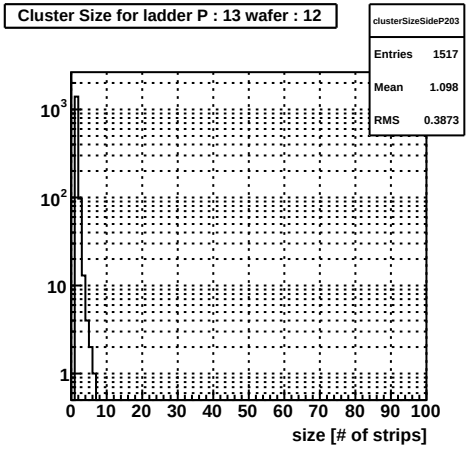

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3433
Mean 1.229
RMS 0.5894
size [# of strips]

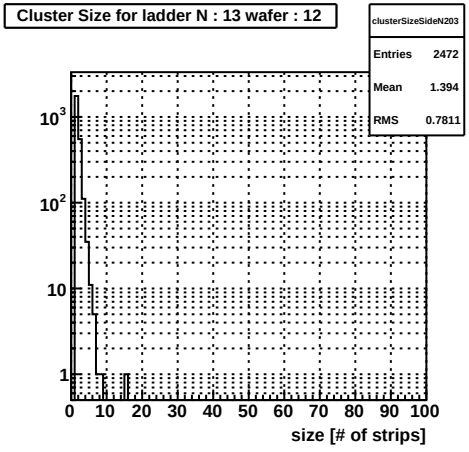

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2983
Mean 1.366
RMS 0.7143
size [# of strips]

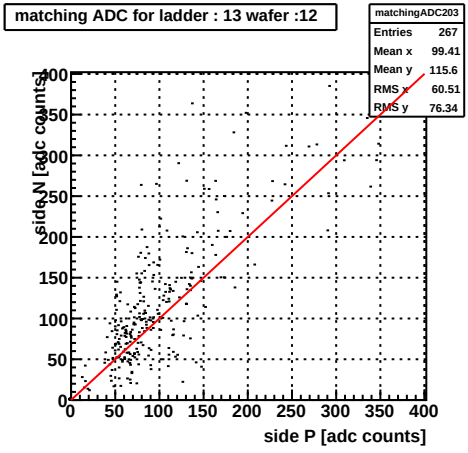

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1135
Mean x 85.03
Mean y 78.46
RMS x 61.81
RMS y 57.72
side N [adc counts]
side P [adc counts]

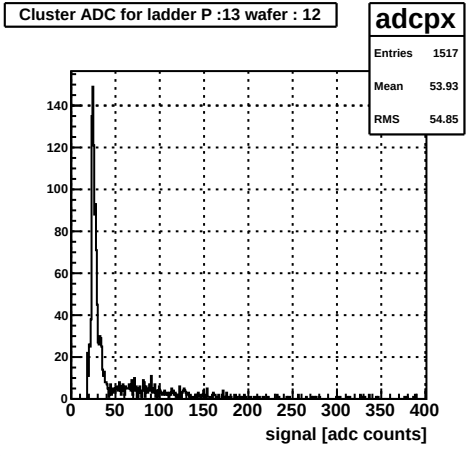

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3433
Mean 56.39
RMS 54.42
signal [adc counts]

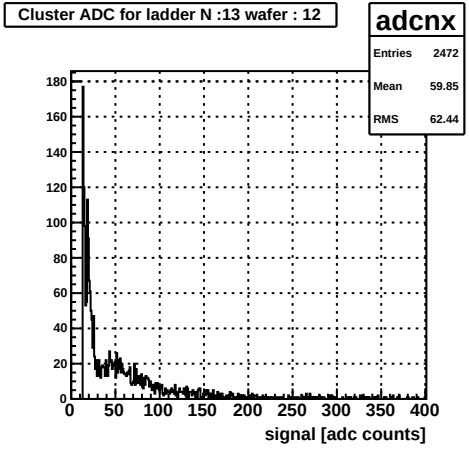

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2983
Mean 50.61
RMS 52.45
signal [adc counts]

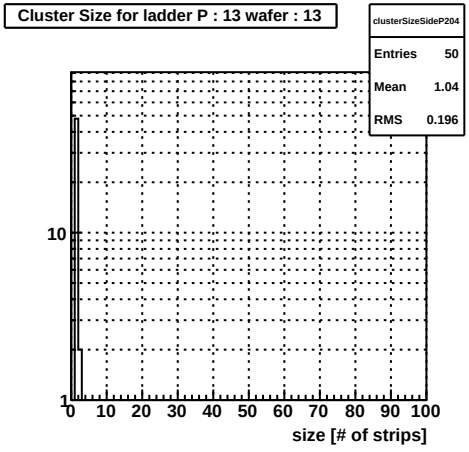

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1517
Mean 1.098
RMS 0.3873
size [# of strips]

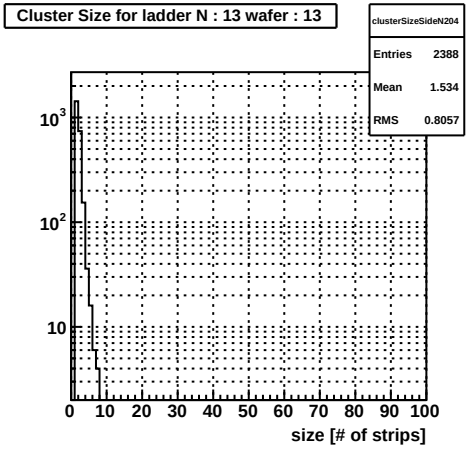

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2472
Mean 1.394
RMS 0.7811
size [# of strips]

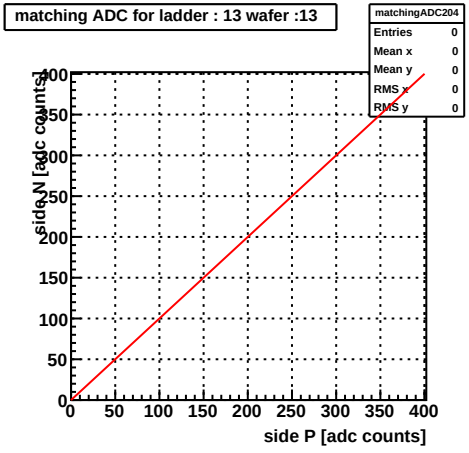

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 267
Mean x 99.41
Mean y 115.6
RMS x 60.51
RMS y 76.34
side N [adc counts]
side P [adc counts]

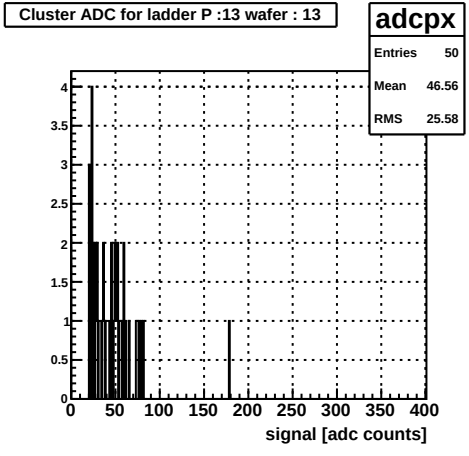

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1517
Mean 53.93
RMS 54.85
signal [adc counts]

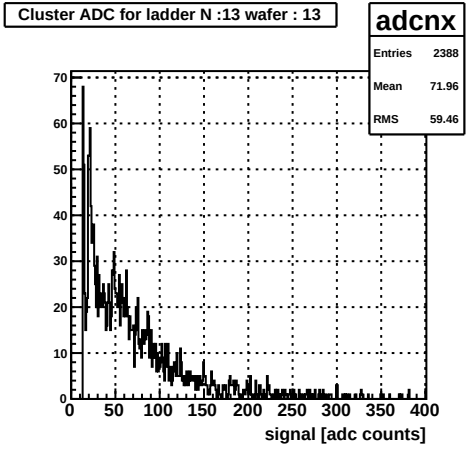

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2472
Mean 59.85
RMS 62.44
signal [adc counts]

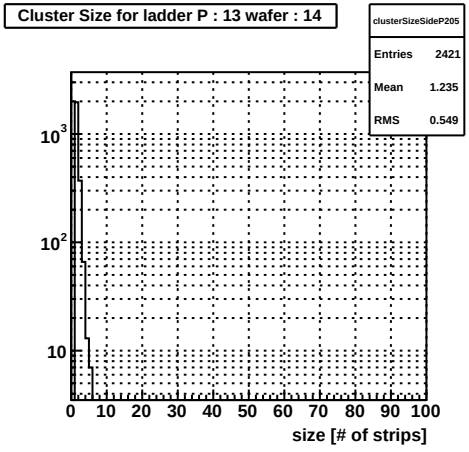

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 50
Mean 1.04
RMS 0.196
size [# of strips]

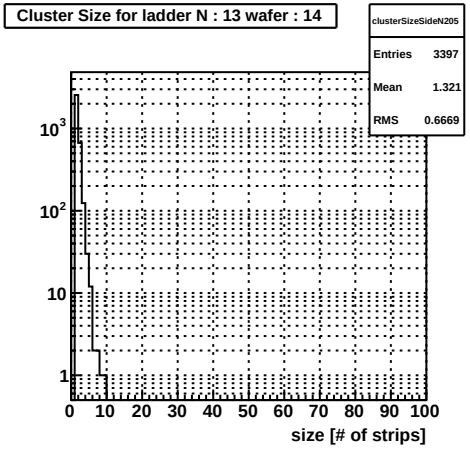

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2388
Mean 1.534
RMS 0.8057
size [# of strips]

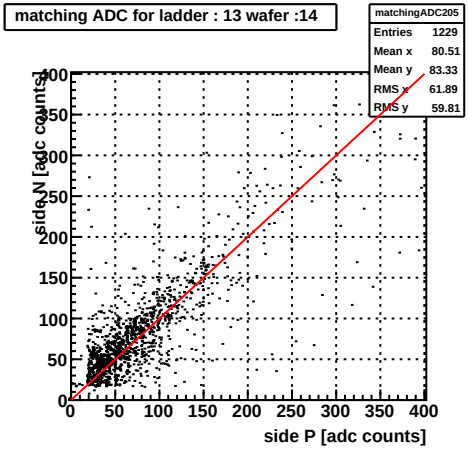

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

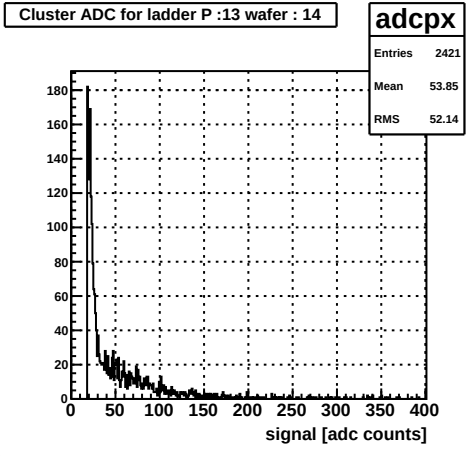

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 50
Mean 46.56
RMS 25.58
signal [adc counts]

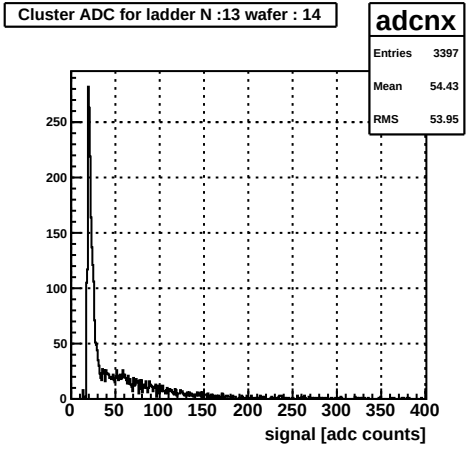

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2388
Mean 71.96
RMS 59.46
signal [adc counts]

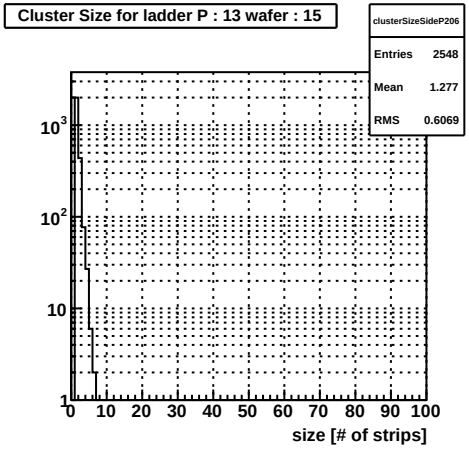

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 2421
Mean 1.235
RMS 0.549
size [# of strips]

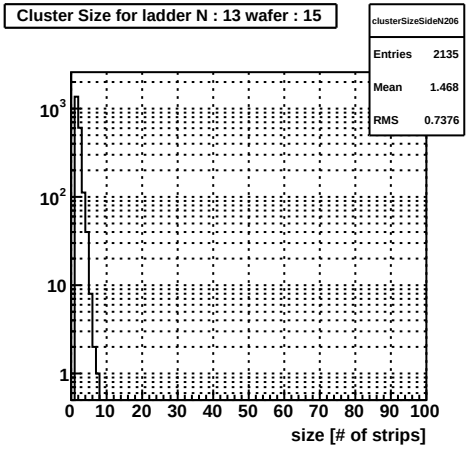

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 3397
Mean 1.321
RMS 0.6669
size [# of strips]

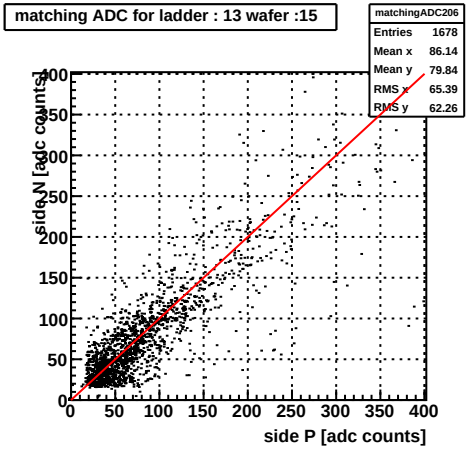

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1229
Mean x 80.51
Mean y 83.33
RMS x 61.89
RMS y 59.81
side N [adc counts]
side P [adc counts]

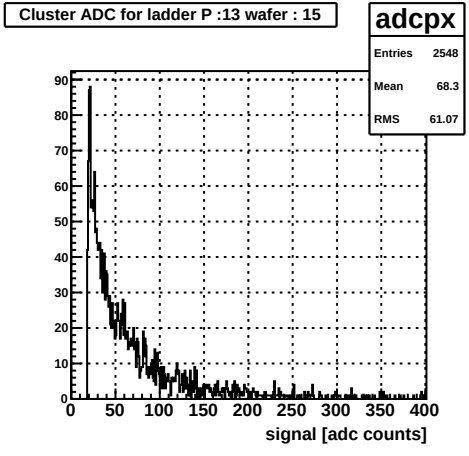

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 2421
Mean 53.85
RMS 52.14
signal [adc counts]

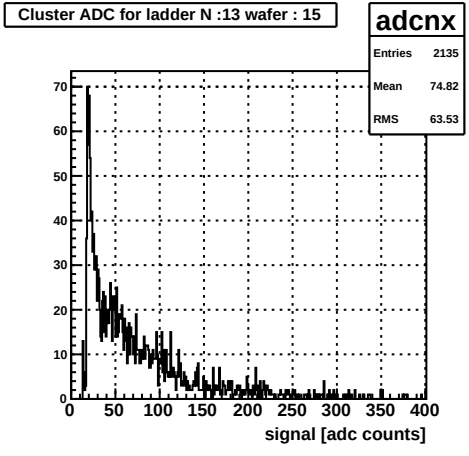

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 3397
Mean 54.43
RMS 53.95
signal [adc counts]

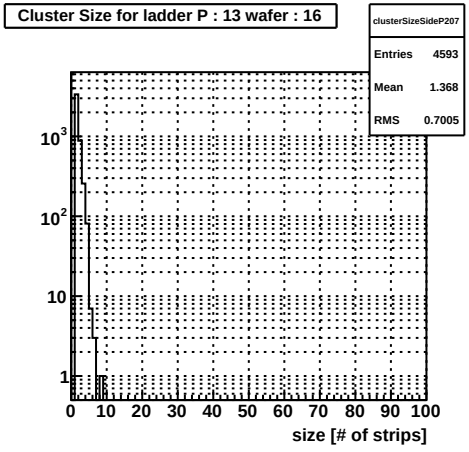

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2548
Mean 1.277
RMS 0.6069
size [# of strips]

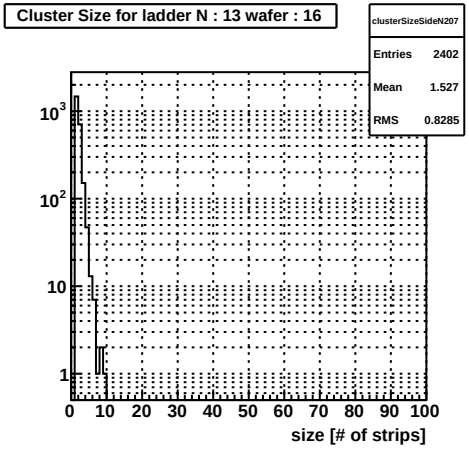

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2135
Mean 1.468
RMS 0.7376
size [# of strips]

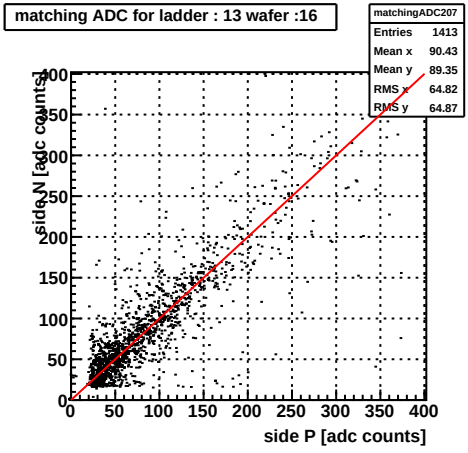

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1678
Mean x 86.14
Mean y 79.84
RMS x 65.39
RMS y 62.26
side N [adc counts]
side P [adc counts]

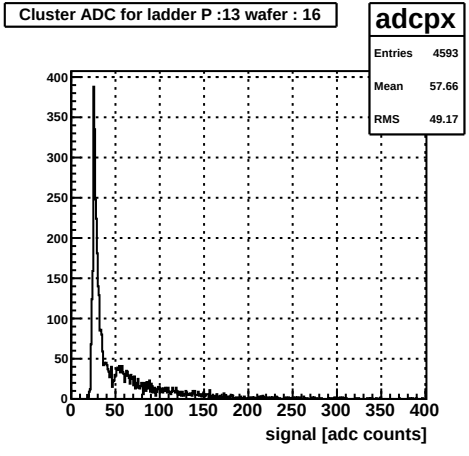

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2548
Mean 68.3
RMS 61.07
signal [adc counts]

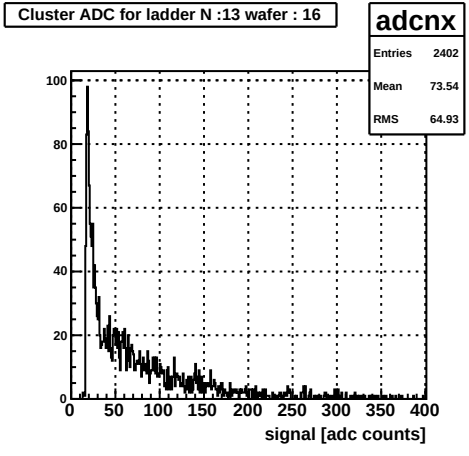

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2135
Mean 74.82
RMS 63.53
signal [adc counts]

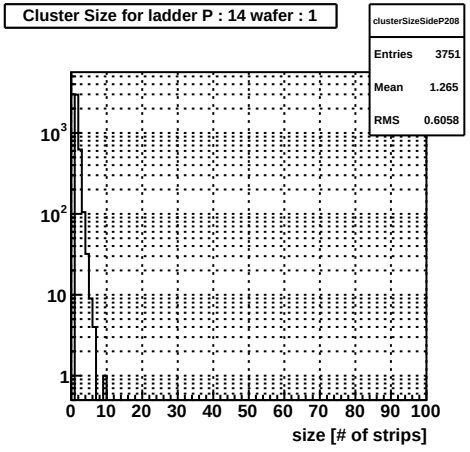

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 4593
Mean 1.368
RMS 0.7005
size [# of strips]

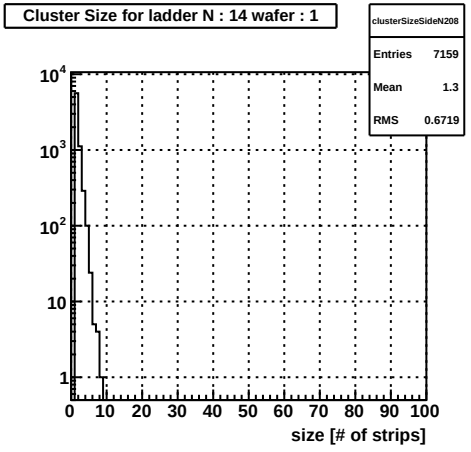

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2402
Mean 1.527
RMS 0.8285
size [# of strips]

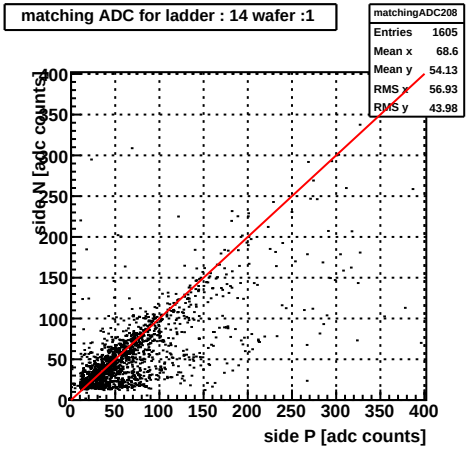

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1413
Mean x 90.43
Mean y 89.35
RMS x 64.82
RMS y 64.87
side N [adc counts]
side P [adc counts]

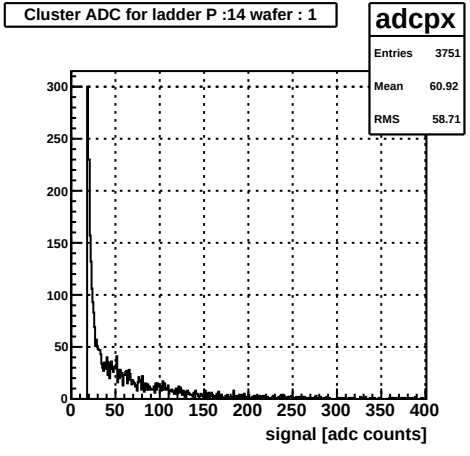

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 4593
Mean 57.66
RMS 49.17
signal [adc counts]

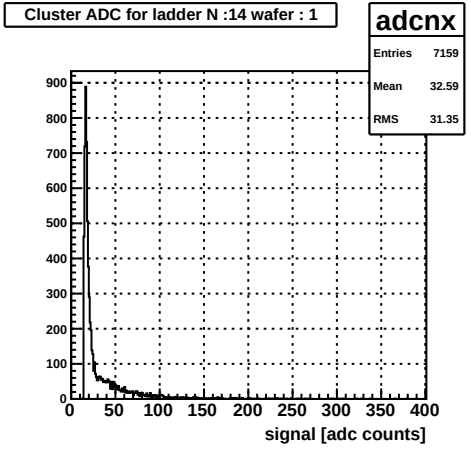

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2402
Mean 73.54
RMS 64.93
signal [adc counts]

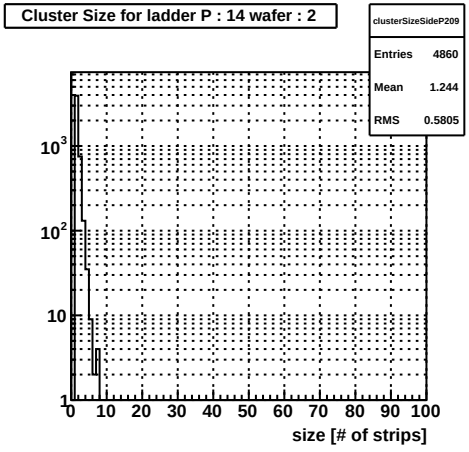

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 3751
Mean 1.265
RMS 0.6058
size [# of strips]

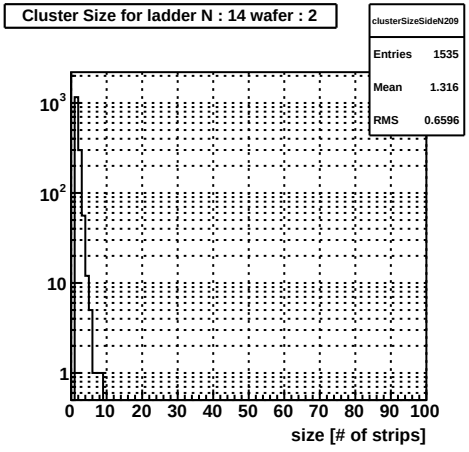

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 7159
Mean 1.3
RMS 0.6719
size [# of strips]

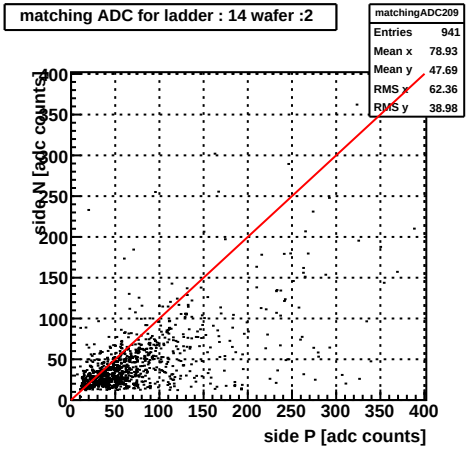

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1605
Mean x 68.6
Mean y 54.13
RMS x 56.93
RMS y 43.98
side N [adc counts]
side P [adc counts]

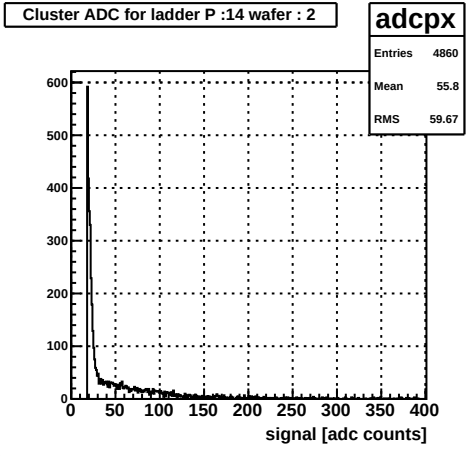

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 3751
Mean 60.92
RMS 58.71
signal [adc counts]

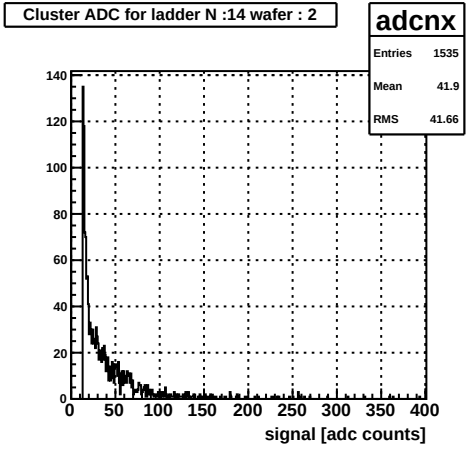

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 7159
Mean 32.59
RMS 31.35
signal [adc counts]

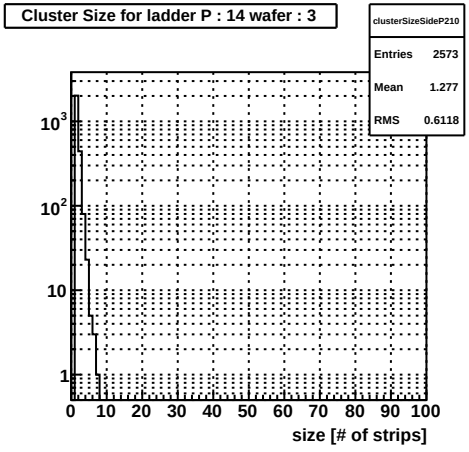

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4860
Mean 1.244
RMS 0.5805
size [# of strips]

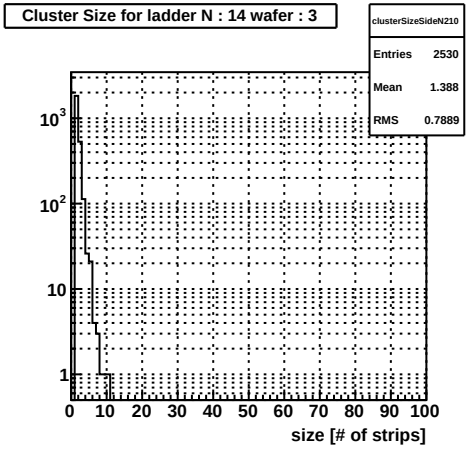

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1535
Mean 1.316
RMS 0.6596
size [# of strips]

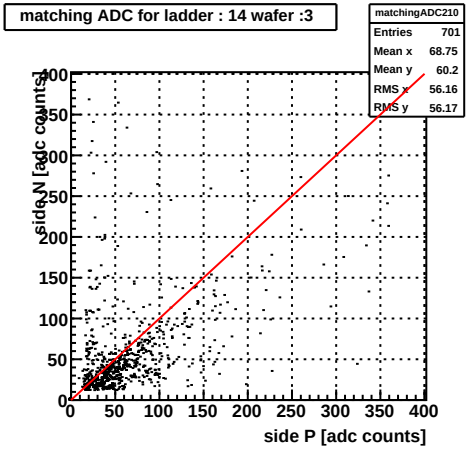

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 941
Mean x 78.93
Mean y 47.69
RMS x 62.36
RMS y 38.98
side N [adc counts]
side P [adc counts]

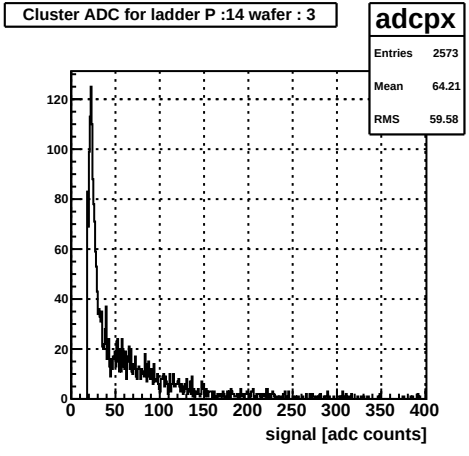

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4860
Mean 55.8
RMS 59.67
signal [adc counts]

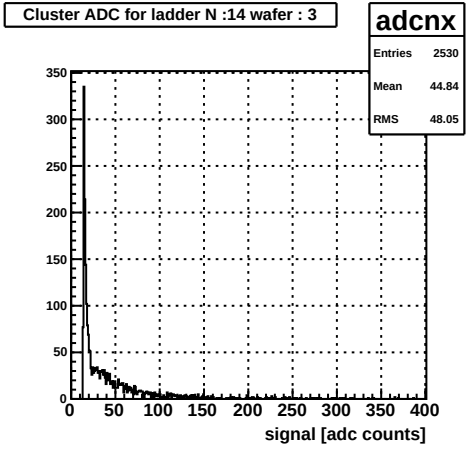

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1535
Mean 41.9
RMS 41.66
signal [adc counts]

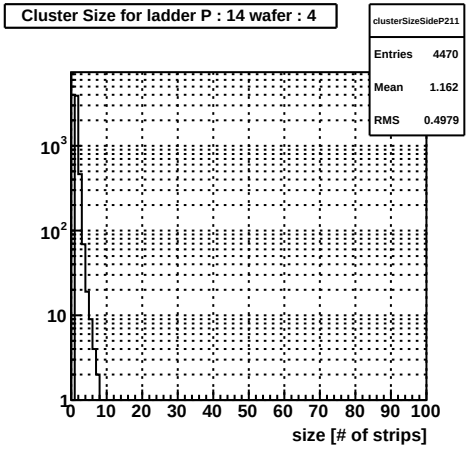

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2573
Mean 1.277
RMS 0.6118
size [# of strips]

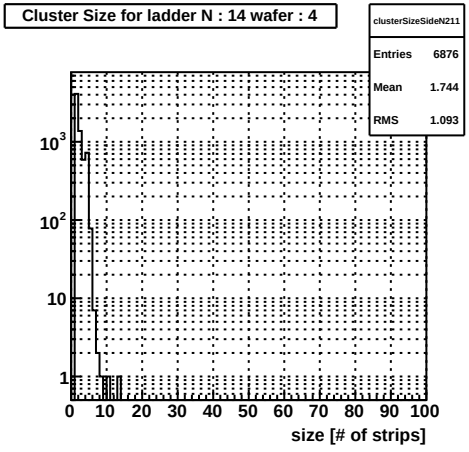

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2530
Mean 1.388
RMS 0.7889
size [# of strips]

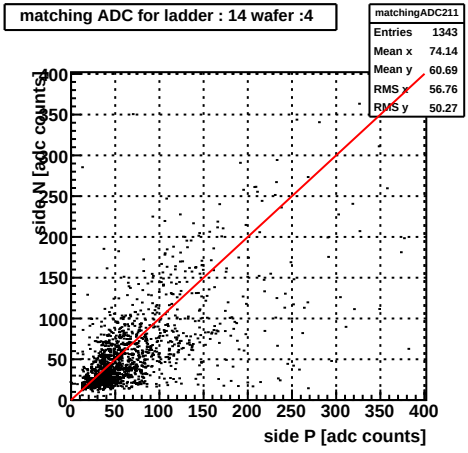

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 701
Mean x 68.75
Mean y 60.2
RMS x 56.16
RMS y 56.17
side N [adc counts]
side P [adc counts]

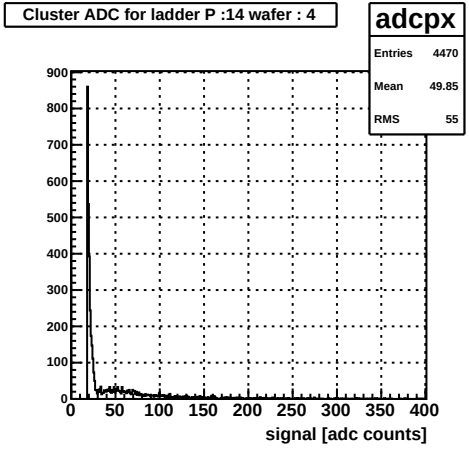

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2573
Mean 64.21
RMS 59.58
signal [adc counts]

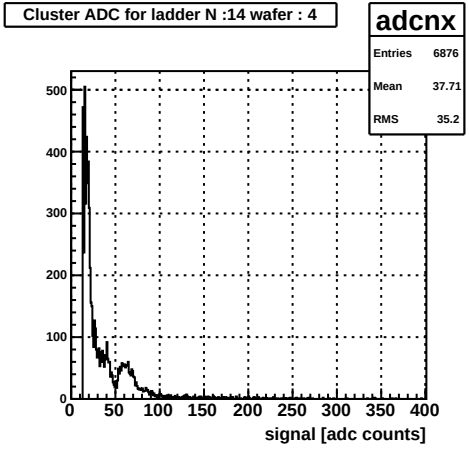

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2530
Mean 44.84
RMS 48.05
signal [adc counts]

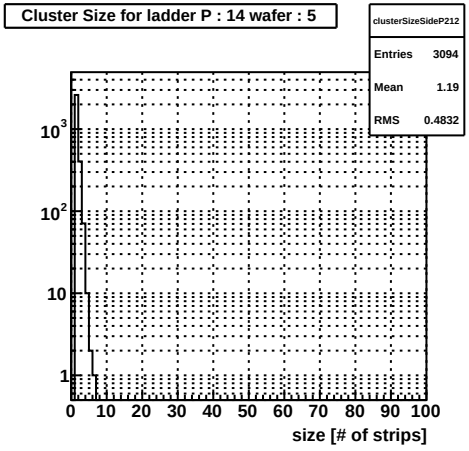

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 4470
Mean 1.162
RMS 0.4979
size [# of strips]

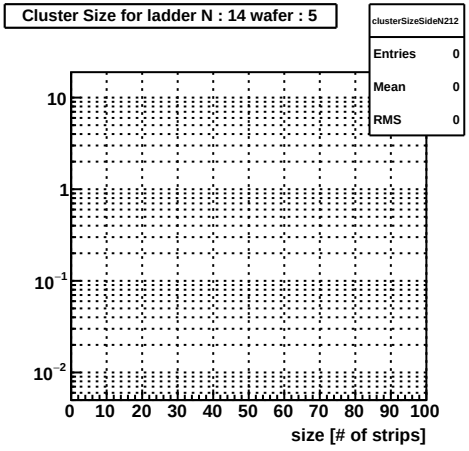

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 6876
Mean 1.744
RMS 1.093
size [# of strips]

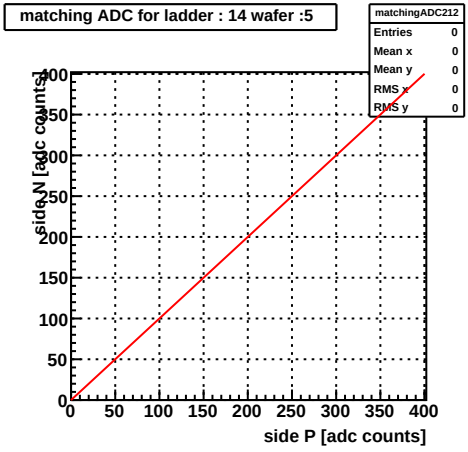

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1343
Mean x 74.14
Mean y 60.69
RMS x 56.76
RMS y 50.27
side N [adc counts]
side P [adc counts]

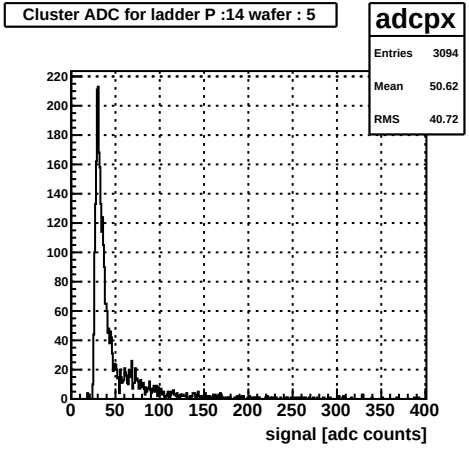

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 4470
Mean 49.85
RMS 55
signal [adc counts]

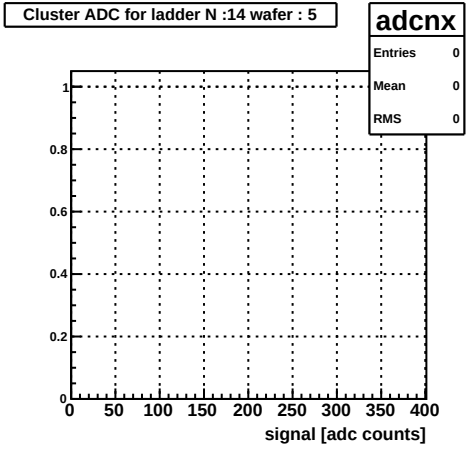

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 6876
Mean 37.71
RMS 35.2
signal [adc counts]

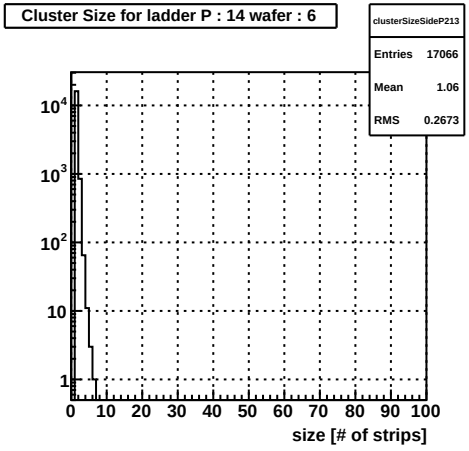

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 3094
Mean 1.19
RMS 0.4832
size [# of strips]

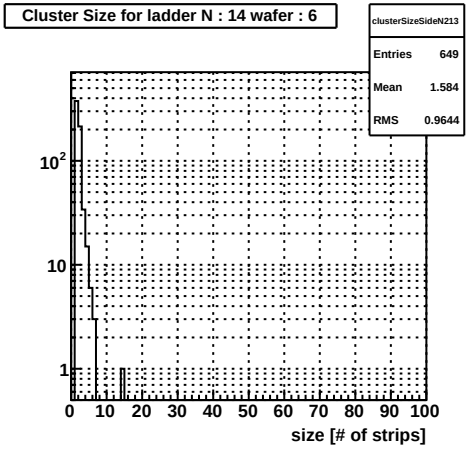

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

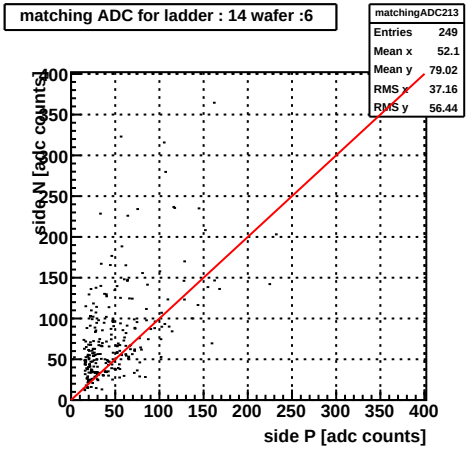

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

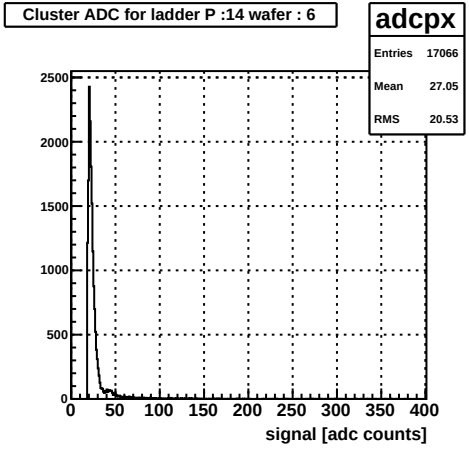

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 3094
Mean 50.62
RMS 40.72
signal [adc counts]

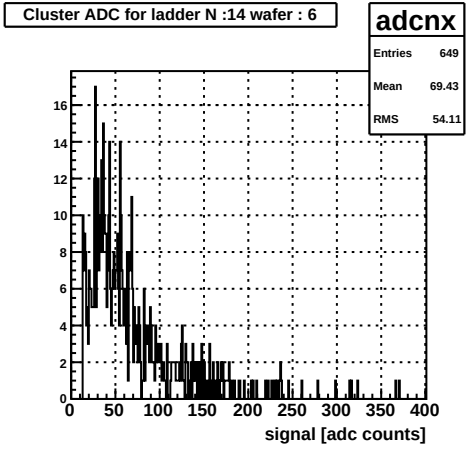

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

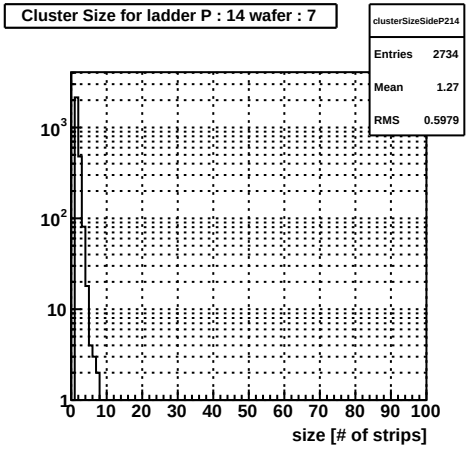

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 17066
Mean 1.06
RMS 0.2673
size [# of strips]

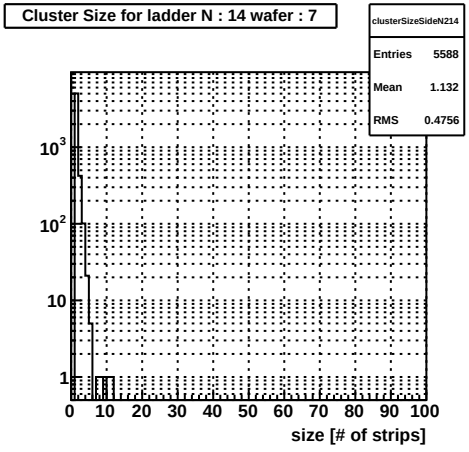

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 649
Mean 1.584
RMS 0.9644
size [# of strips]

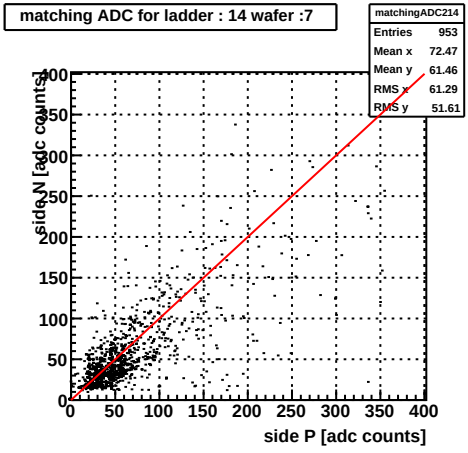

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 249
Mean x 52.1
Mean y 79.02
RMS x 37.16
RMS y 56.44
side N [adc counts]
side P [adc counts]

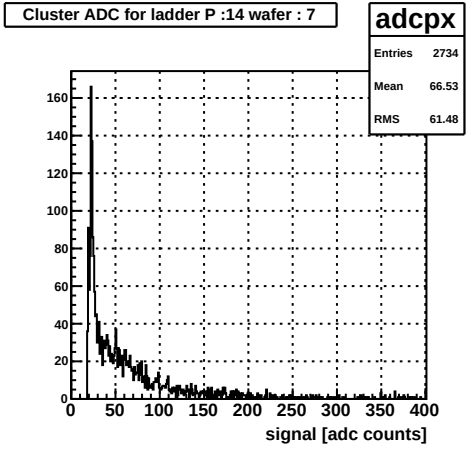

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 17066
Mean 27.05
RMS 20.53
signal [adc counts]

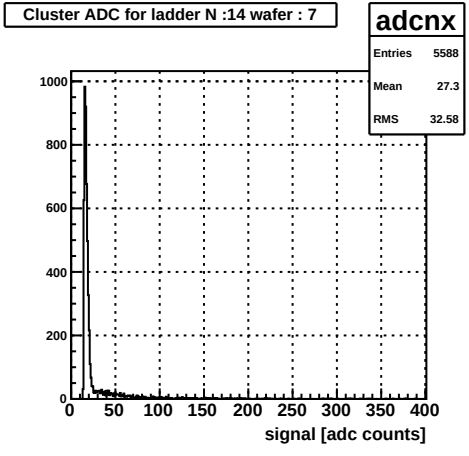

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 649
Mean 69.43
RMS 54.11
signal [adc counts]

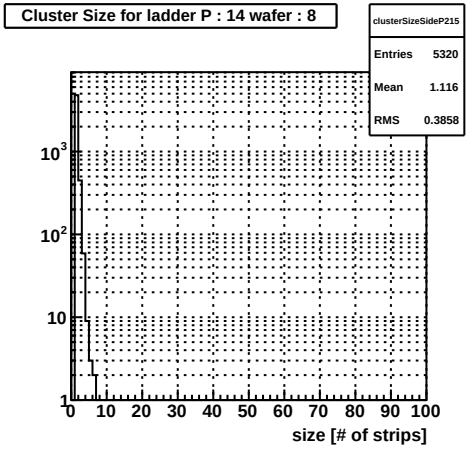

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2734
Mean 1.27
RMS 0.5979
size [# of strips]

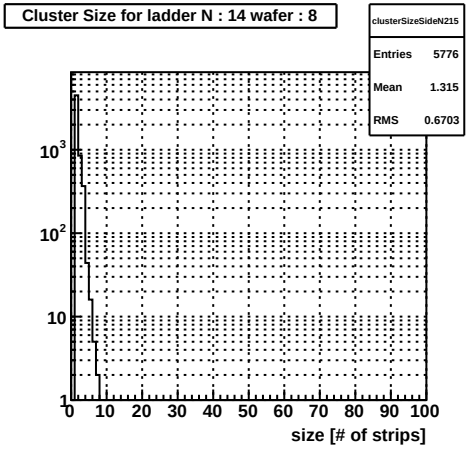

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 5588
Mean 1.132
RMS 0.4756
size [# of strips]

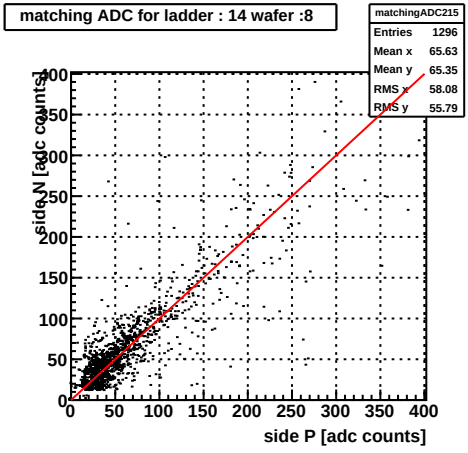

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 953
Mean x 72.47
Mean y 61.46
RMS x 61.29
RMS y 51.61
side N [adc counts]
side P [adc counts]

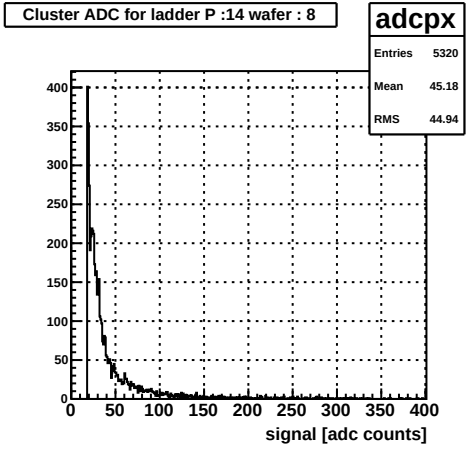

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2734
Mean 66.53
RMS 61.48
signal [adc counts]

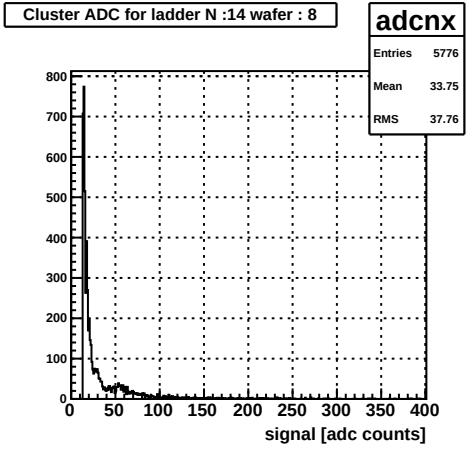

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 5588
Mean 27.3
RMS 32.58
signal [adc counts]

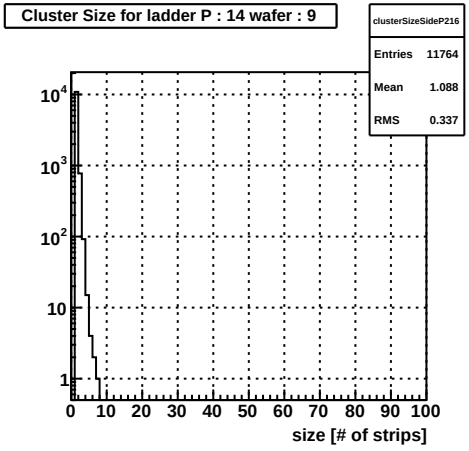

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 5320
Mean 1.116
RMS 0.3858
size [# of strips]

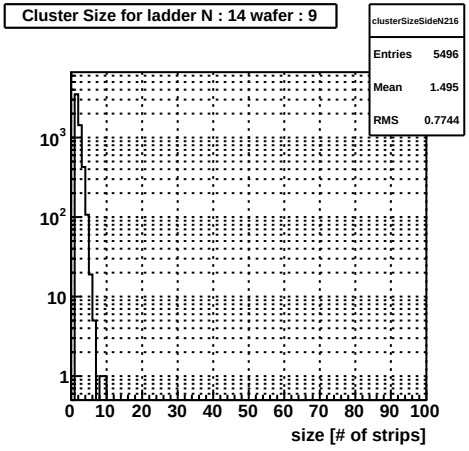

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 5776
Mean 1.315
RMS 0.6703
size [# of strips]

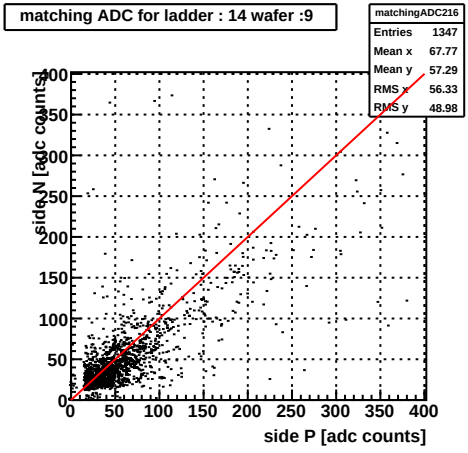

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1296
Mean x 65.63
Mean y 65.35
RMS x 58.08
RMS y 55.79
side N [adc counts]
side P [adc counts]

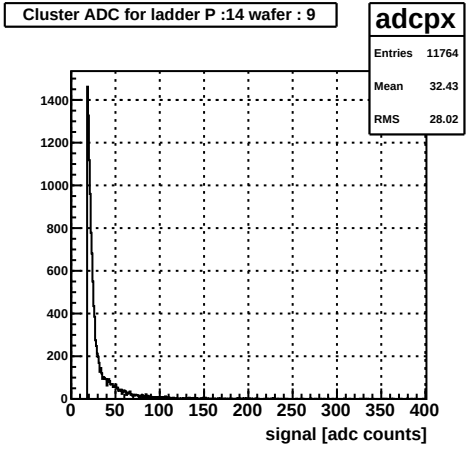

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 5320
Mean 45.18
RMS 44.94
signal [adc counts]

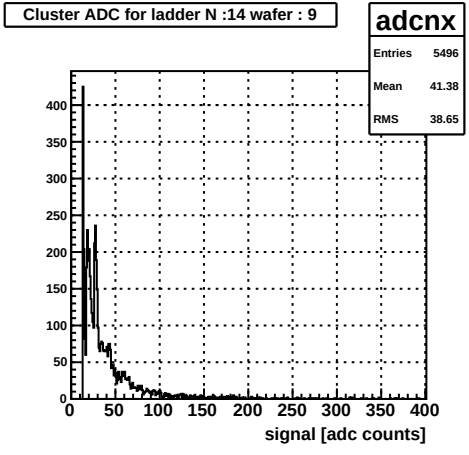

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 5776
Mean 33.75
RMS 37.76
signal [adc counts]

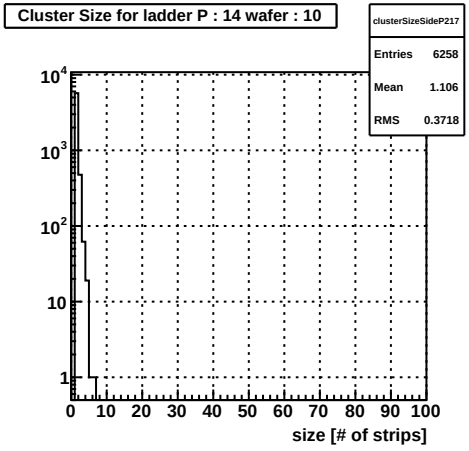

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 11764
Mean 1.088
RMS 0.337
size [# of strips]

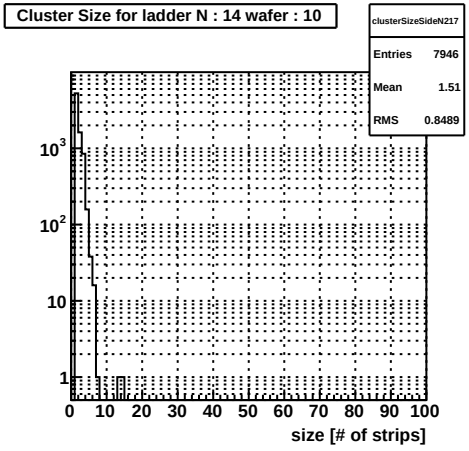

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 5496
Mean 1.495
RMS 0.7744
size [# of strips]

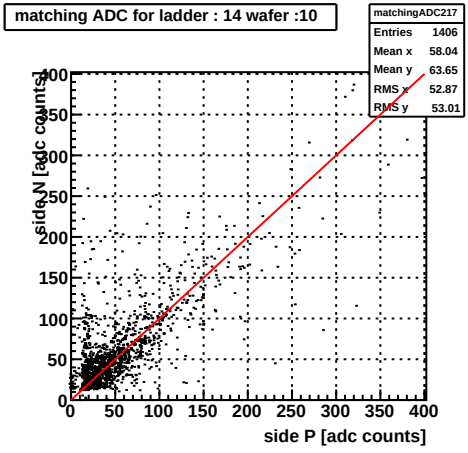

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1347
Mean x 67.77
Mean y 57.29
RMS x 56.33
RMS y 48.98
side N [adc counts]
side P [adc counts]

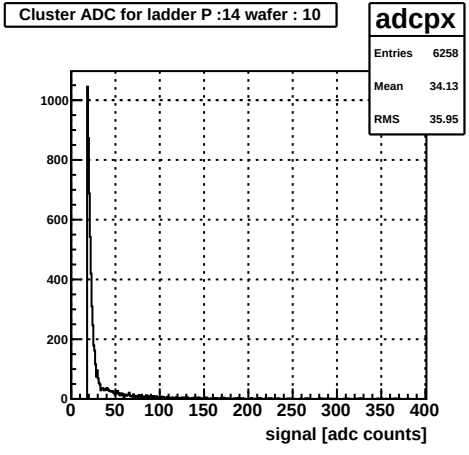

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 11764
Mean 32.43
RMS 28.02
signal [adc counts]

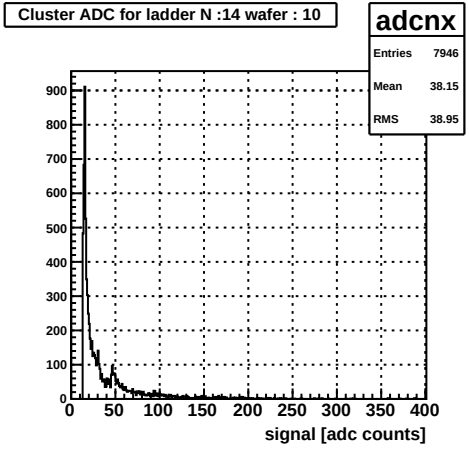

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 5496
Mean 41.38
RMS 38.65
signal [adc counts]

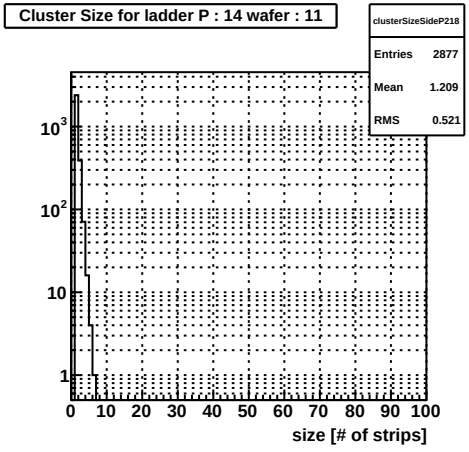

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 6258
Mean 1.106
RMS 0.3718
size [# of strips]

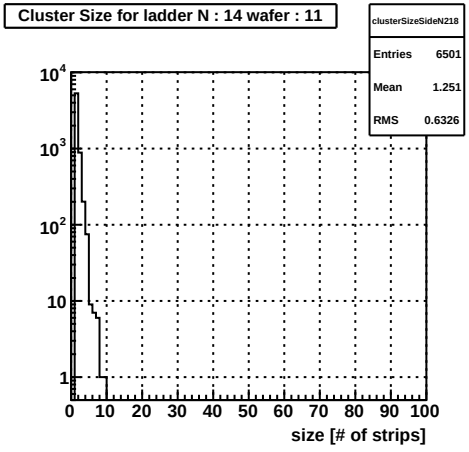

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 7946
Mean 1.51
RMS 0.8489
size [# of strips]

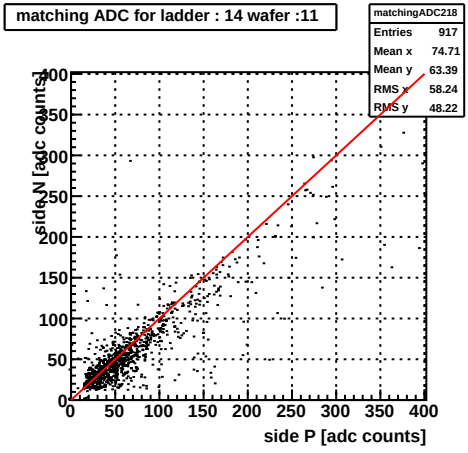

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1406
Mean x 58.04
Mean y 63.65
RMS x 52.87
RMS y 53.01
side N [adc counts]
side P [adc counts]

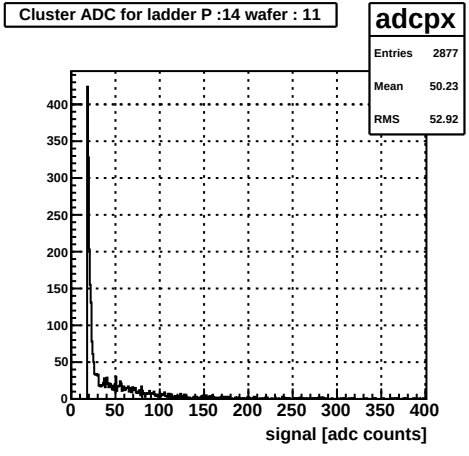

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 6258
Mean 34.13
RMS 35.95
signal [adc counts]

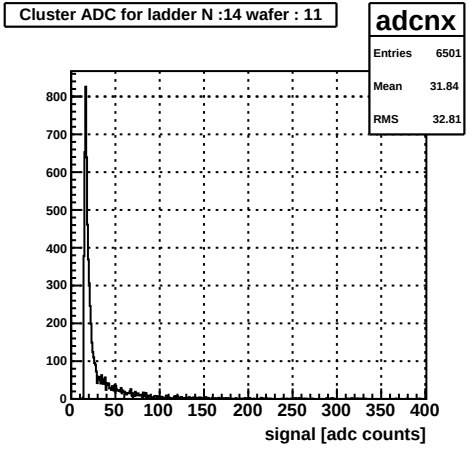

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 7946
Mean 38.15
RMS 38.95
signal [adc counts]

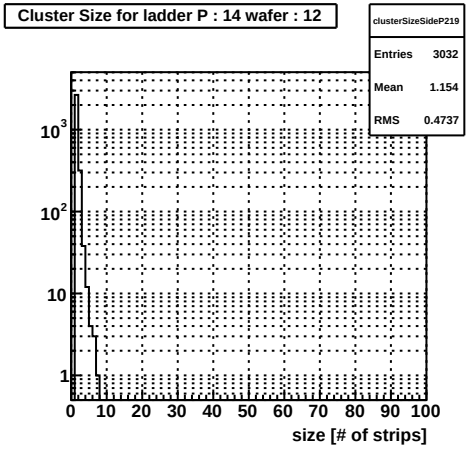

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2877
Mean 1.209
RMS 0.521
size [# of strips]

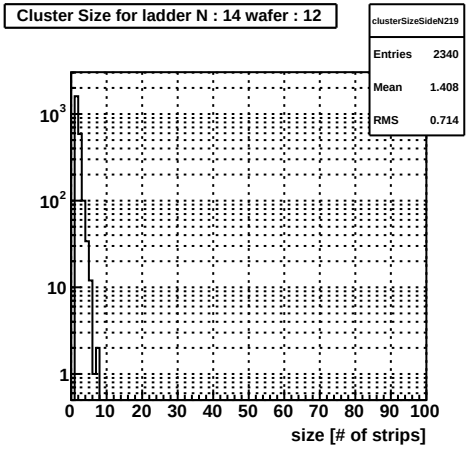

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 6501
Mean 1.251
RMS 0.6326
size [# of strips]

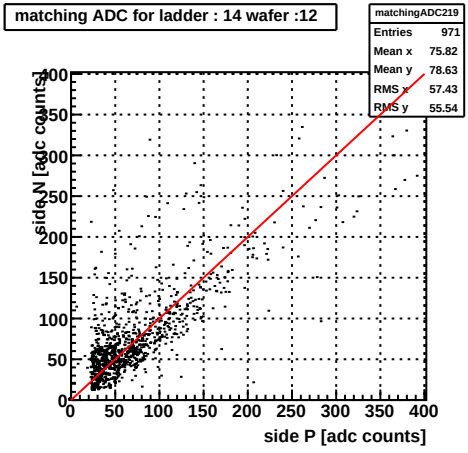

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 917
Mean x 74.71
Mean y 63.39
RMS x 58.24
RMS y 48.22
side N [adc counts]
side P [adc counts]

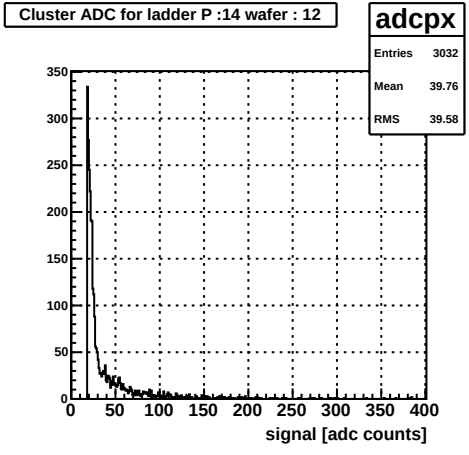

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2877
Mean 50.23
RMS 52.92
signal [adc counts]

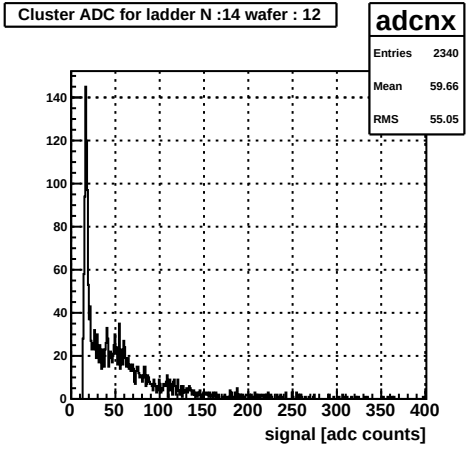

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 6501
Mean 31.84
RMS 32.81
signal [adc counts]

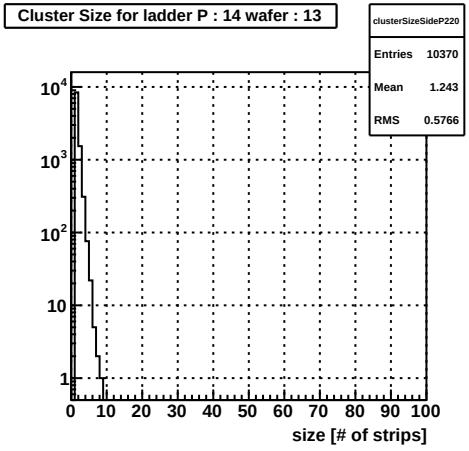

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 3032
Mean 1.154
RMS 0.4737
size [# of strips]

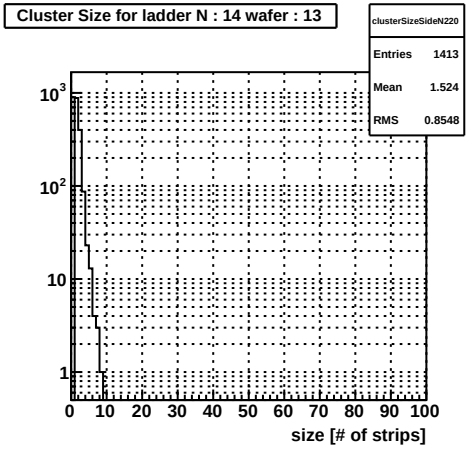

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2340
Mean 1.408
RMS 0.714
size [# of strips]

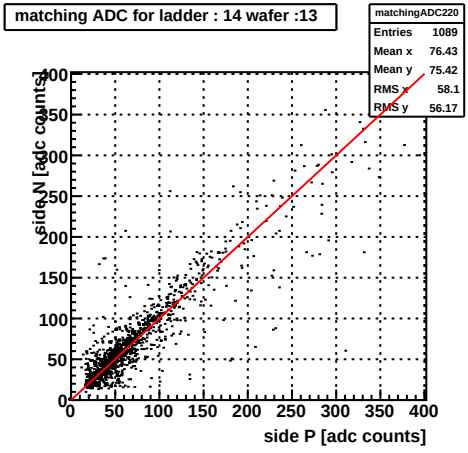

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 971
Mean x 75.82
Mean y 78.63
RMS x 57.43
RMS y 55.54
side N [adc counts]
side P [adc counts]

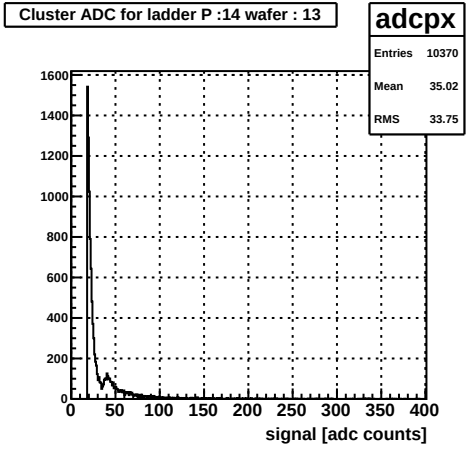

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 3032
Mean 39.76
RMS 39.58
signal [adc counts]

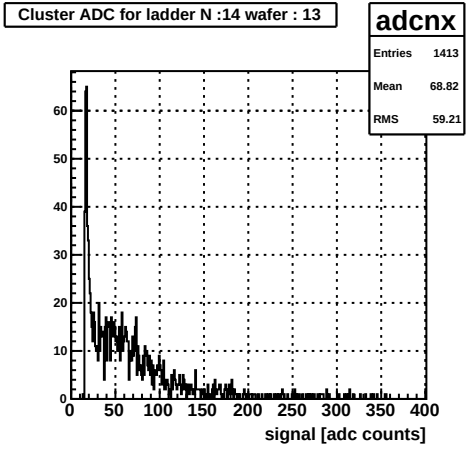

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2340
Mean 59.66
RMS 55.05
signal [adc counts]

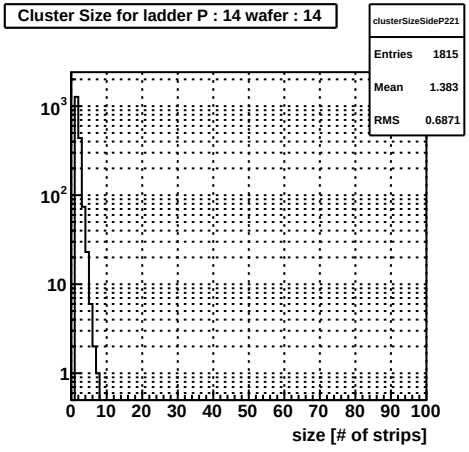

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 10370
Mean 1.243
RMS 0.5766
size [# of strips]

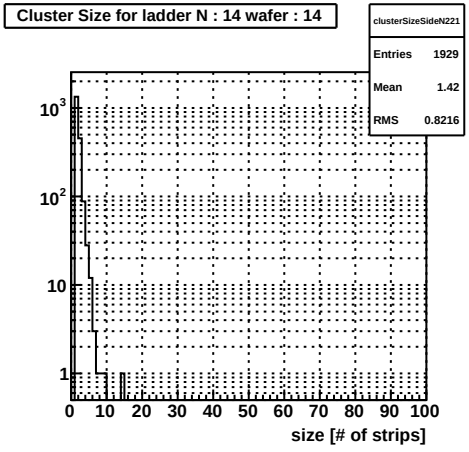

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1413
Mean 1.524
RMS 0.8548
size [# of strips]

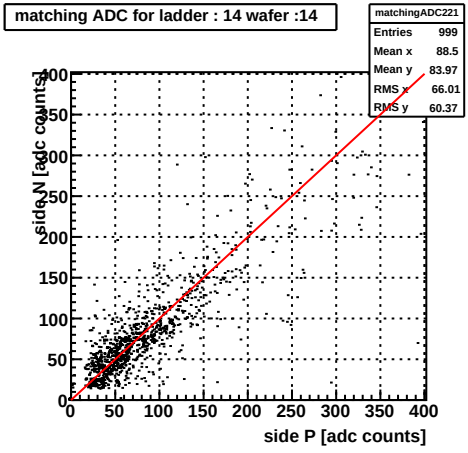

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 1089
Mean x 76.43
Mean y 75.42
RMS x 58.1
RMS y 56.17
side N [adc counts]
side P [adc counts]

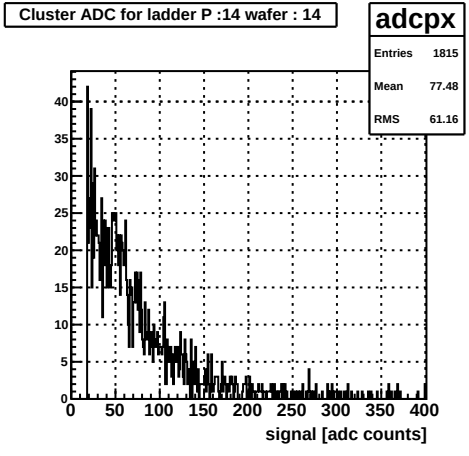

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 10370
Mean 35.02
RMS 33.75
signal [adc counts]

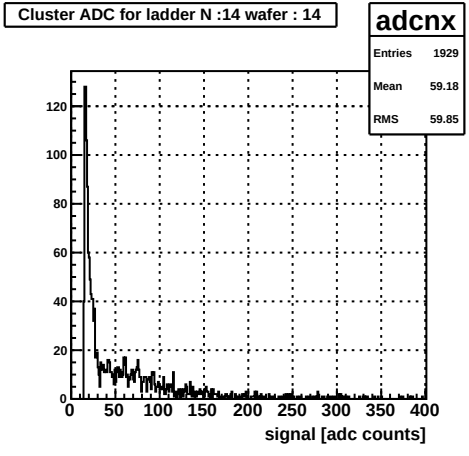

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1413
Mean 68.82
RMS 59.21
signal [adc counts]

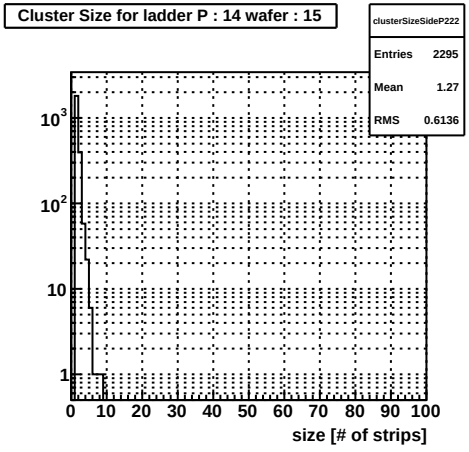

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1815
Mean 1.383
RMS 0.6871
size [# of strips]

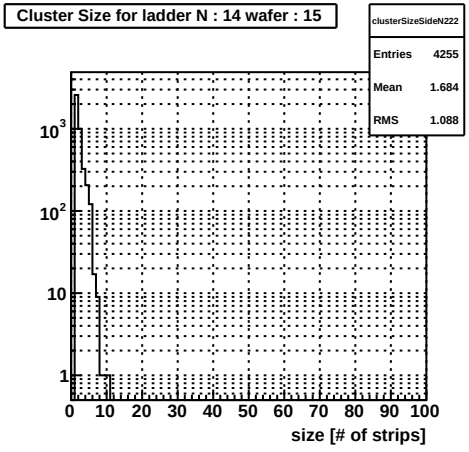

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1929
Mean 1.42
RMS 0.8216
size [# of strips]

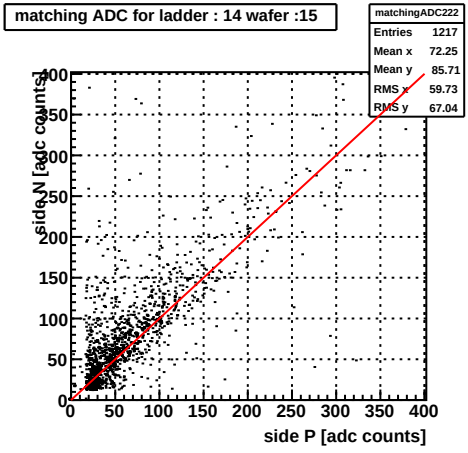

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 999
Mean x 88.5
Mean y 83.97
RMS x 66.01
RMS y 60.37
side N [adc counts]
side P [adc counts]

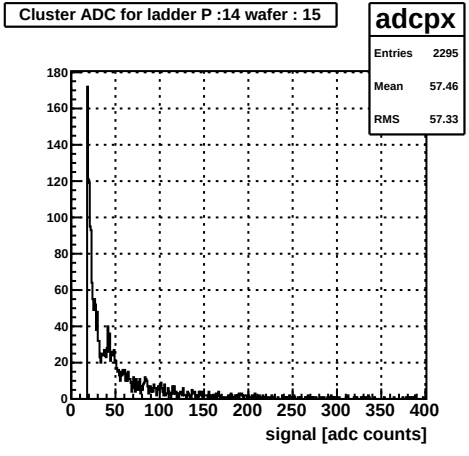

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1815
Mean 77.48
RMS 61.16
signal [adc counts]

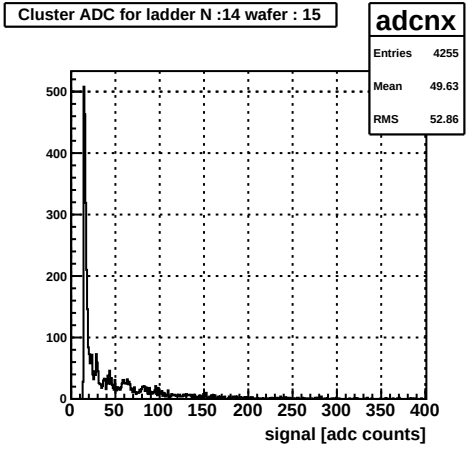

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1929
Mean 59.18
RMS 59.85
signal [adc counts]

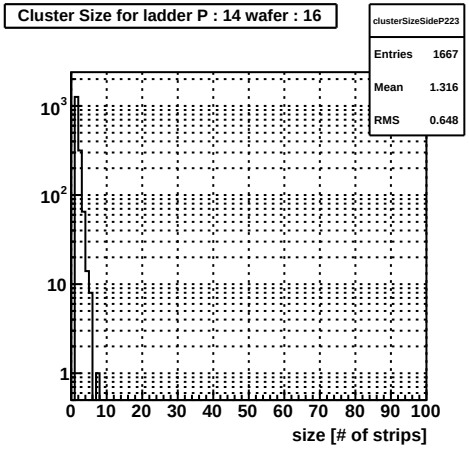

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2295
Mean 1.27
RMS 0.6136
size [# of strips]

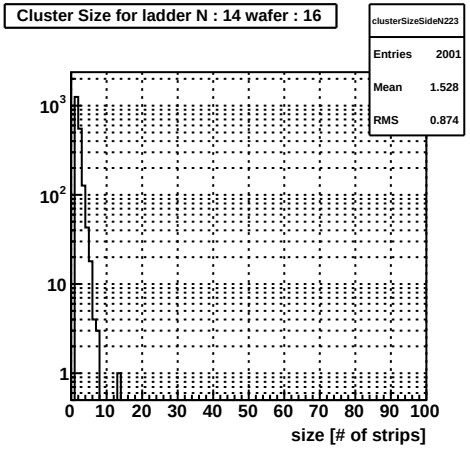

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4255
Mean 1.684
RMS 1.088
size [# of strips]

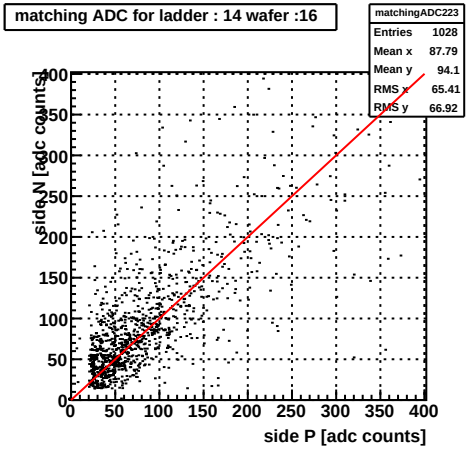

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1217
Mean x 72.25
Mean y 85.71
RMS x 59.73
RMS y 67.04
side N [adc counts]
side P [adc counts]

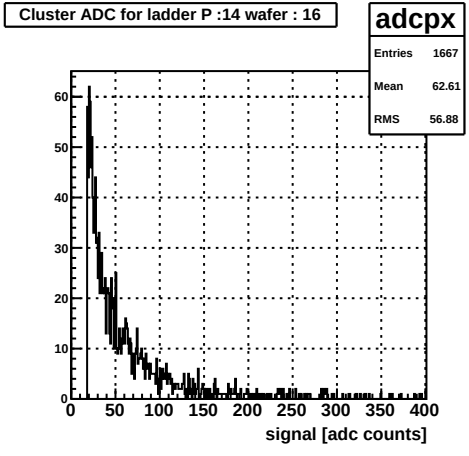

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2295
Mean 57.46
RMS 57.33
signal [adc counts]

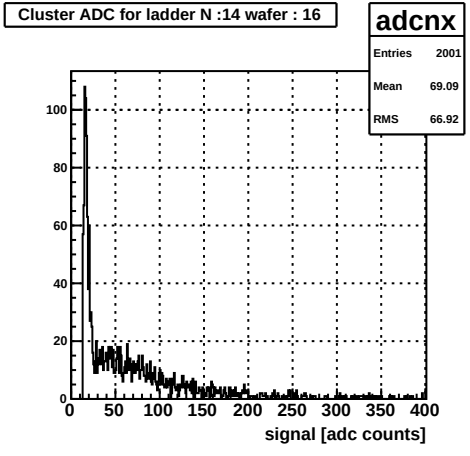

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4255
Mean 49.63
RMS 52.86
signal [adc counts]

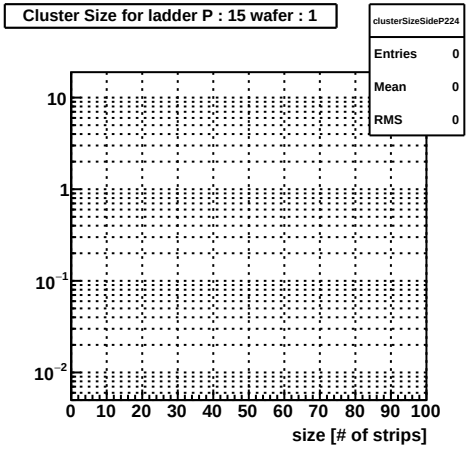

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1667
Mean 1.316
RMS 0.648
size [# of strips]

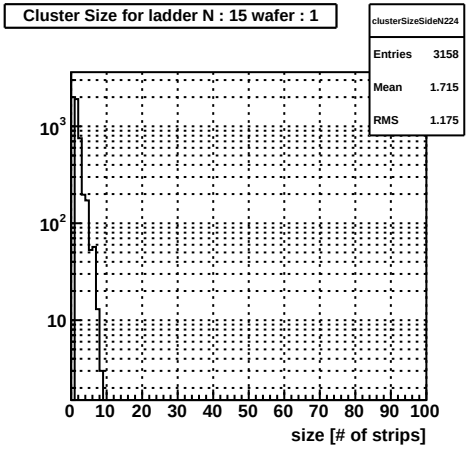

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 2001
Mean 1.528
RMS 0.874
size [# of strips]

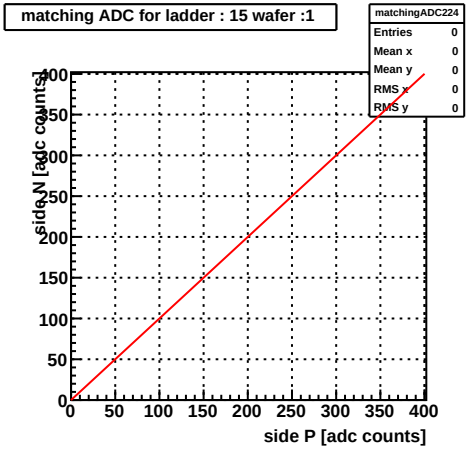

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 1028
Mean x 87.79
Mean y 94.1
RMS x 65.41
RMS y 66.92
side N [adc counts]
side P [adc counts]

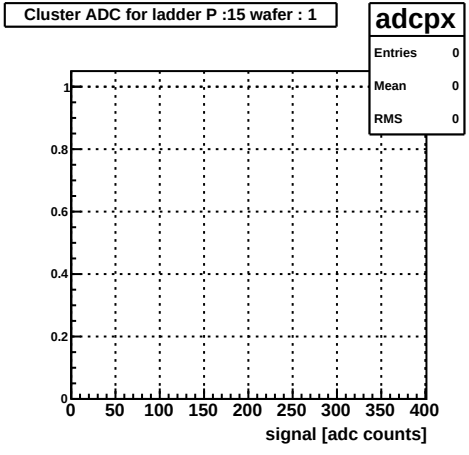

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1667
Mean 62.61
RMS 56.88
signal [adc counts]

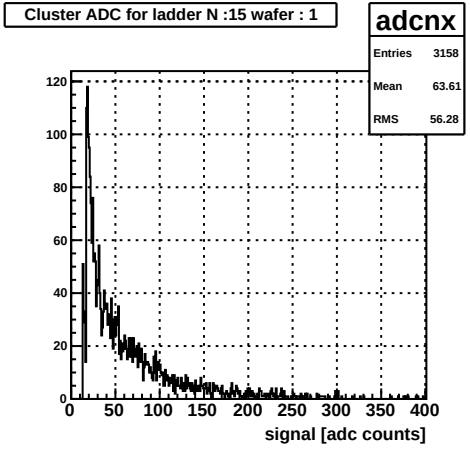

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 2001
Mean 69.09
RMS 66.92
signal [adc counts]

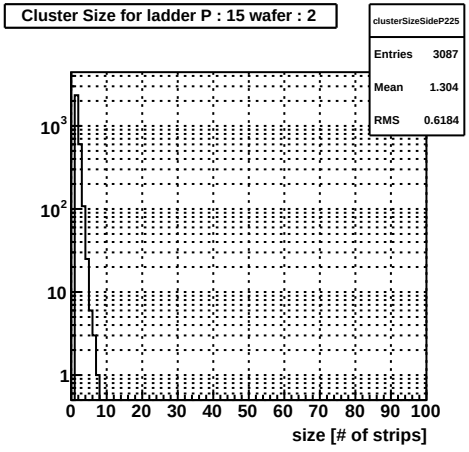

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

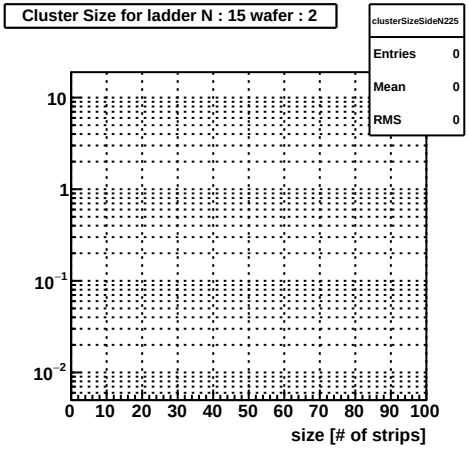

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3158
Mean 1.715
RMS 1.175
size [# of strips]

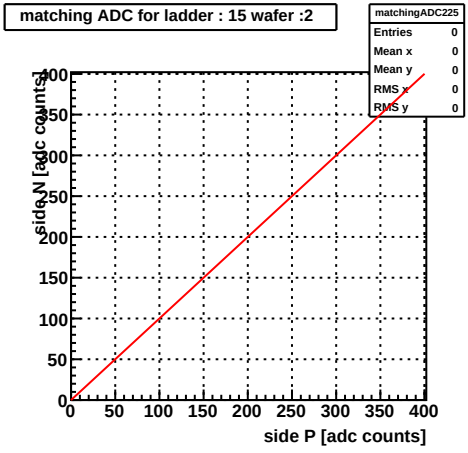

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

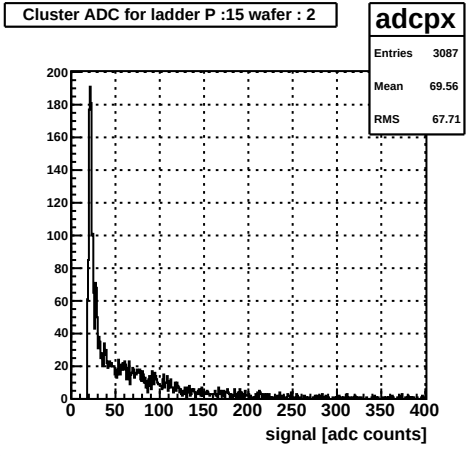

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

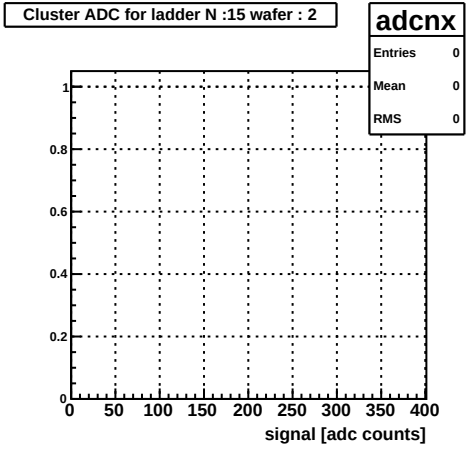

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3158
Mean 63.61
RMS 56.28
signal [adc counts]

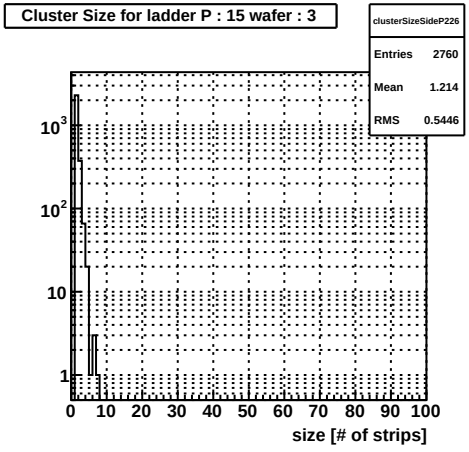

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3087
Mean 1.304
RMS 0.6184
size [# of strips]

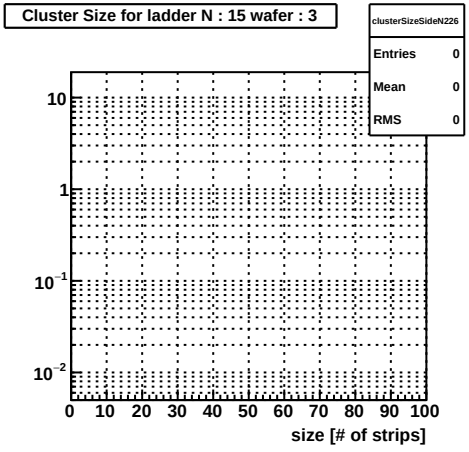

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

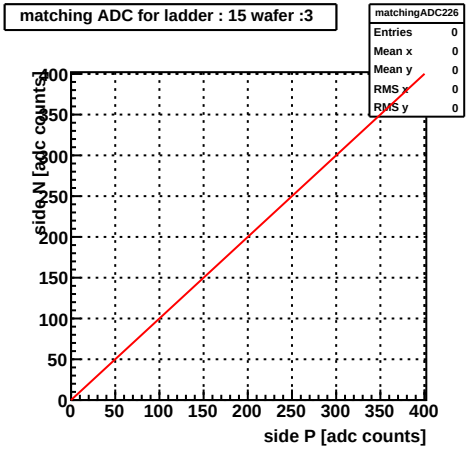

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

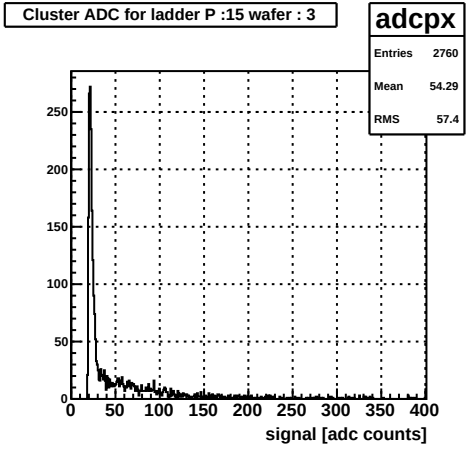

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3087
Mean 69.56
RMS 67.71
signal [adc counts]

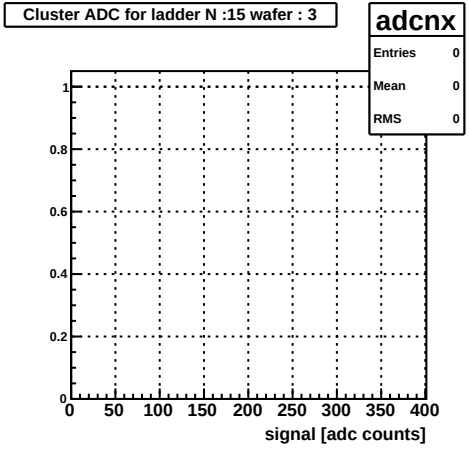

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

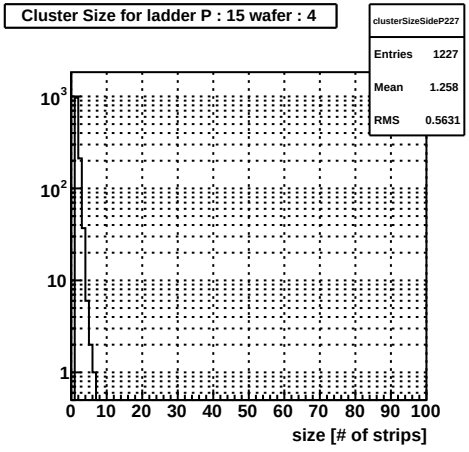

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2760
Mean 1.214
RMS 0.5446
size [# of strips]

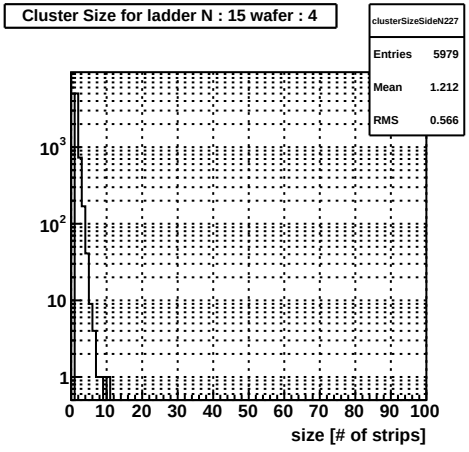

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

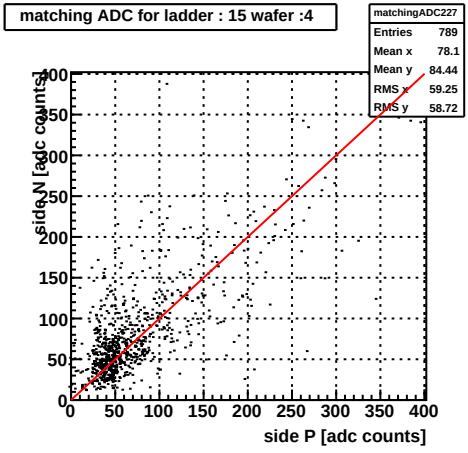

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

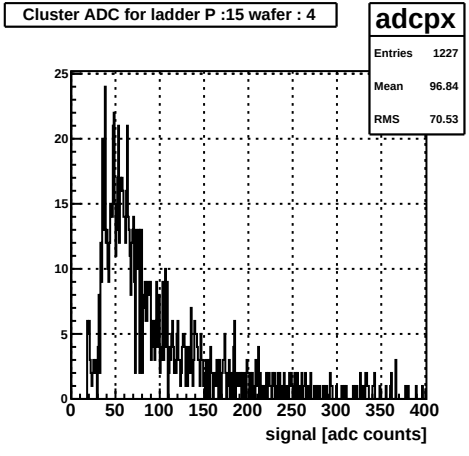

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2760
Mean 54.29
RMS 57.4
signal [adc counts]

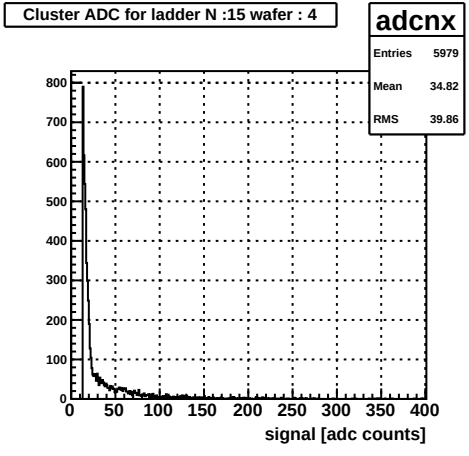

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

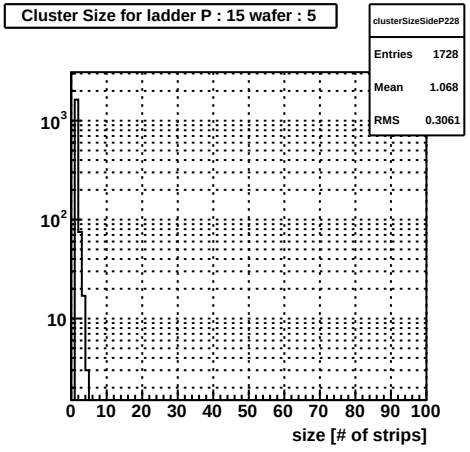

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1227
Mean 1.258
RMS 0.5631
size [# of strips]

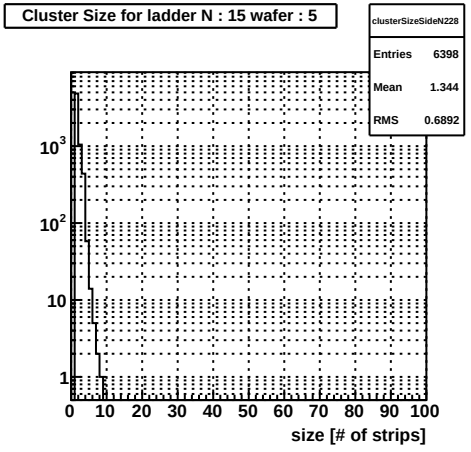

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 5979
Mean 1.212
RMS 0.566
size [# of strips]

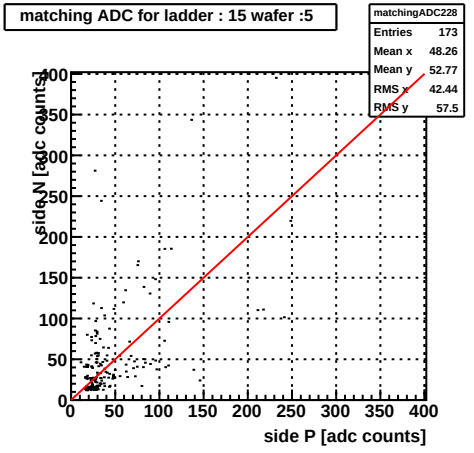

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 789
Mean x 78.1
Mean y 84.44
RMS x 59.25
RMS y 58.72
side N [adc counts]
side P [adc counts]

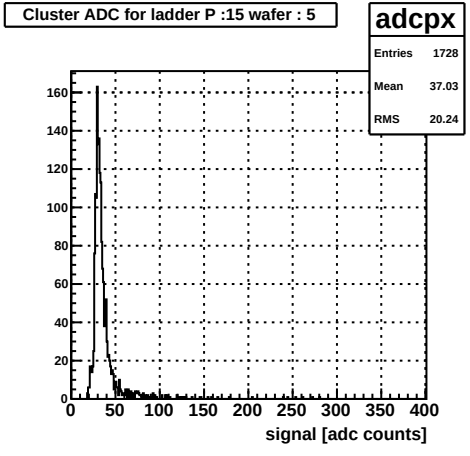

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1227
Mean 96.84
RMS 70.53
signal [adc counts]

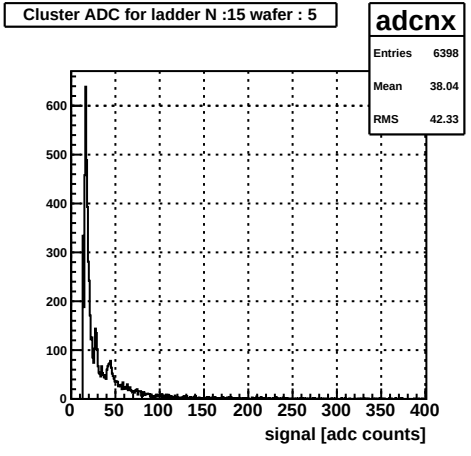

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 5979
Mean 34.82
RMS 39.86
signal [adc counts]

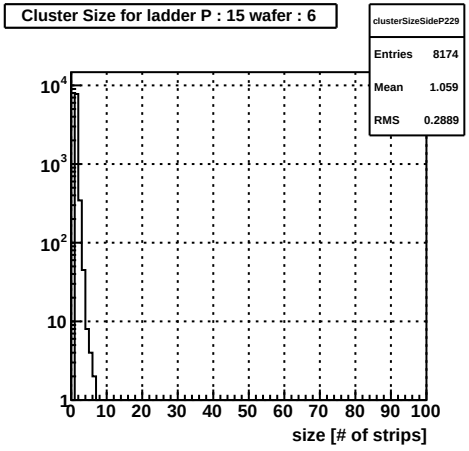

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1728
Mean 1.068
RMS 0.3061
size [# of strips]

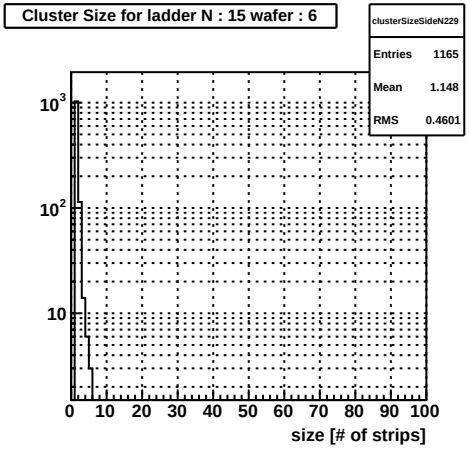

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 6398
Mean 1.344
RMS 0.6892
size [# of strips]

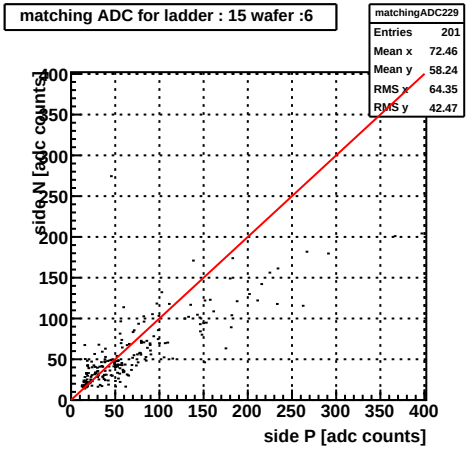

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 173
Mean x 48.26
Mean y 52.77
RMS x 42.44
RMS y 57.5
side N [adc counts]
side P [adc counts]

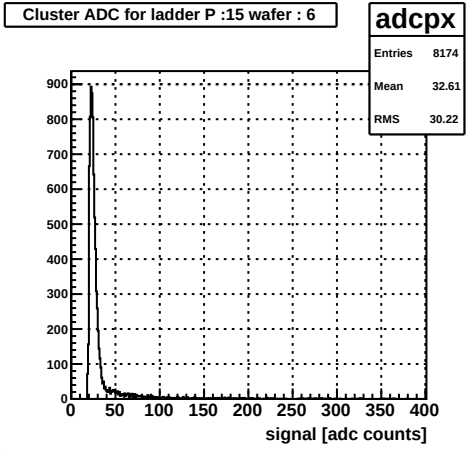

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1728
Mean 37.03
RMS 20.24
signal [adc counts]

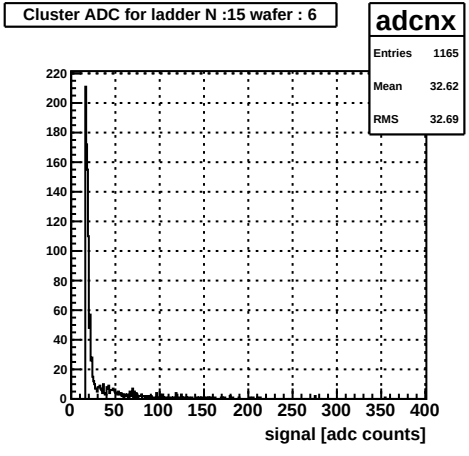

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 6398
Mean 38.04
RMS 42.33
signal [adc counts]

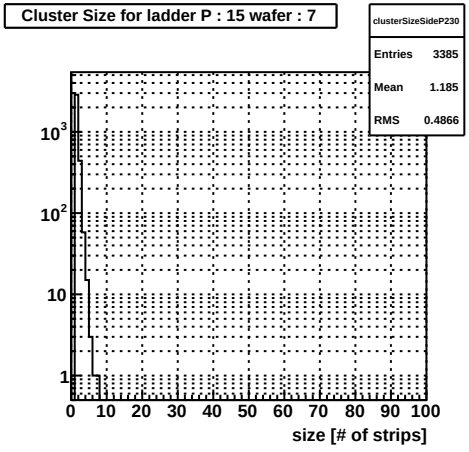

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 8174
Mean 1.059
RMS 0.2889
size [# of strips]

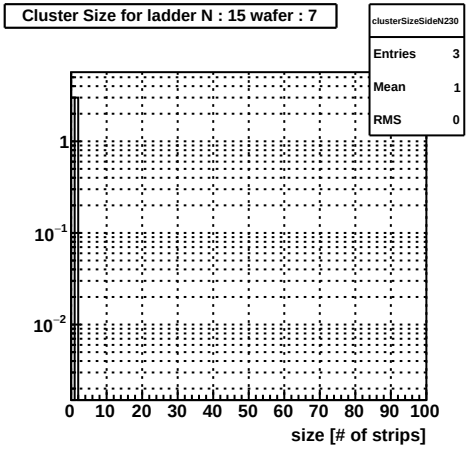

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1165
Mean 1.148
RMS 0.4601
size [# of strips]

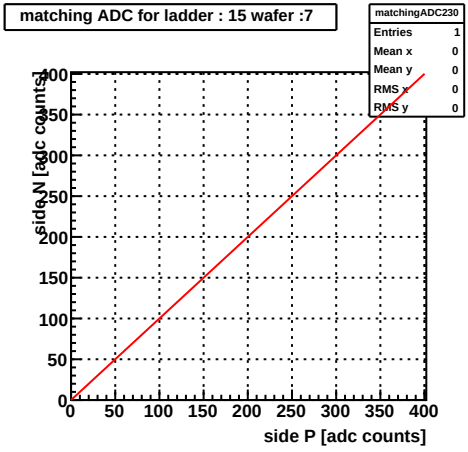

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 201
Mean x 72.46
Mean y 58.24
RMS x 64.35
RMS y 42.47
side N [adc counts]
side P [adc counts]

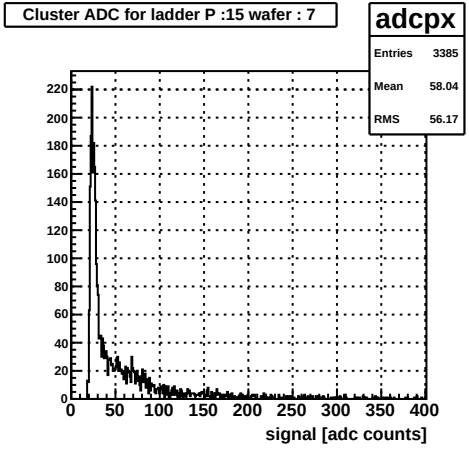

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 8174
Mean 32.61
RMS 30.22
signal [adc counts]

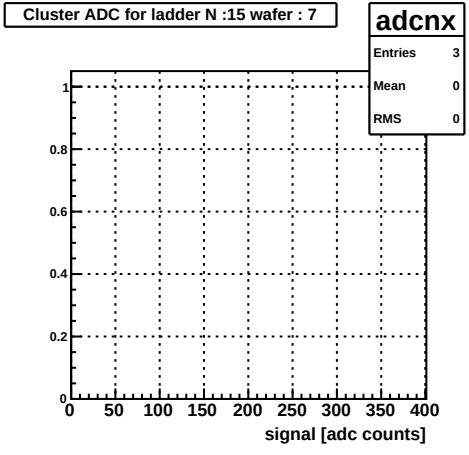

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1165
Mean 32.62
RMS 32.69
signal [adc counts]

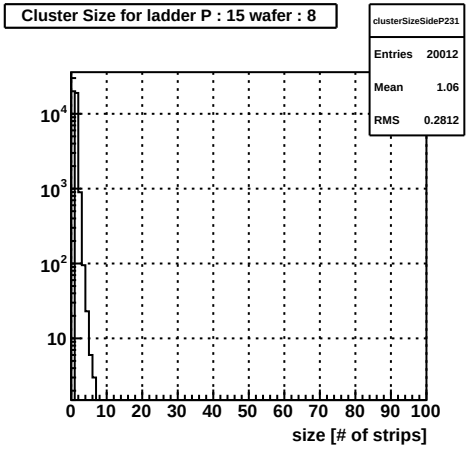

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 3385
Mean 1.185
RMS 0.4866
size [# of strips]

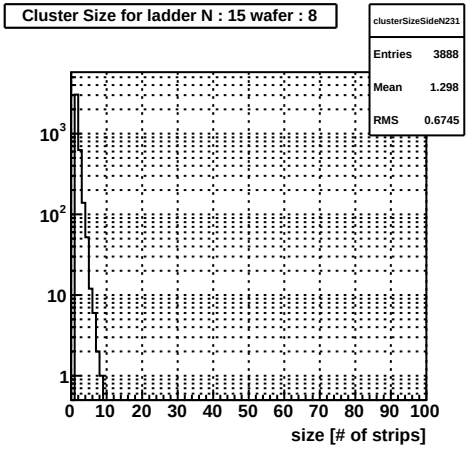

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 3
Mean 1
RMS 0
size [# of strips]

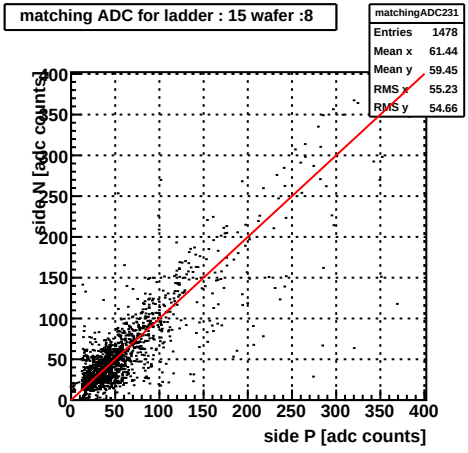

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

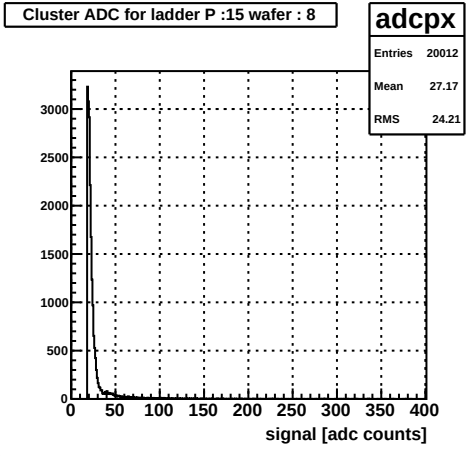

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 3385
Mean 58.04
RMS 56.17
signal [adc counts]

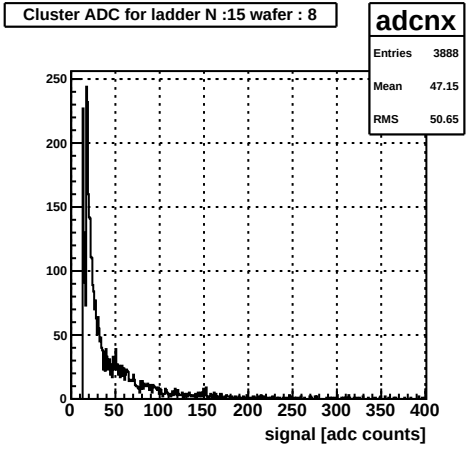

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 3
Mean 0
RMS 0
signal [adc counts]

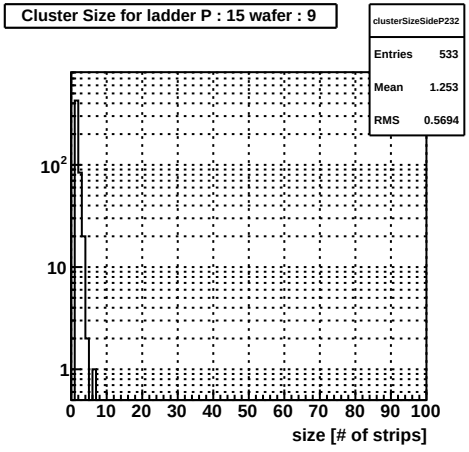

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 20012
Mean 1.06
RMS 0.2812
size [# of strips]

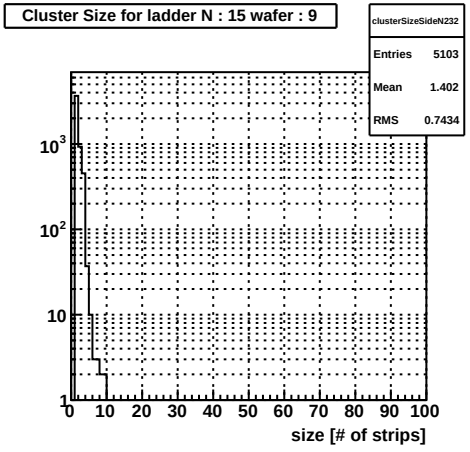

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 3888
Mean 1.298
RMS 0.6745
size [# of strips]

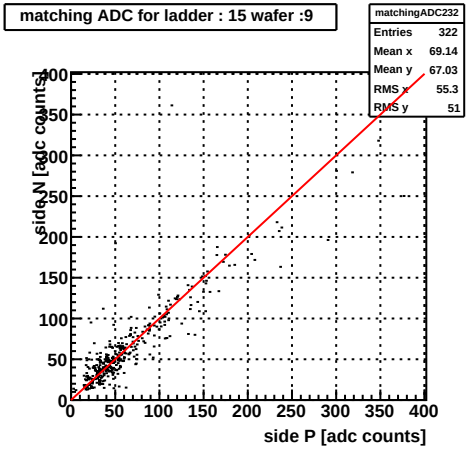

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1478
Mean x 61.44
Mean y 59.45
RMS x 55.23
RMS y 54.66
side N [adc counts]
side P [adc counts]

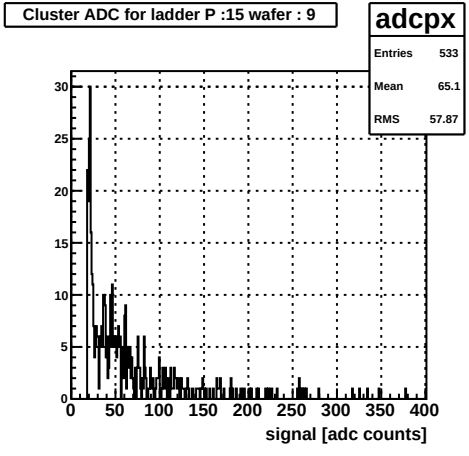

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 20012
Mean 27.17
RMS 24.21
signal [adc counts]

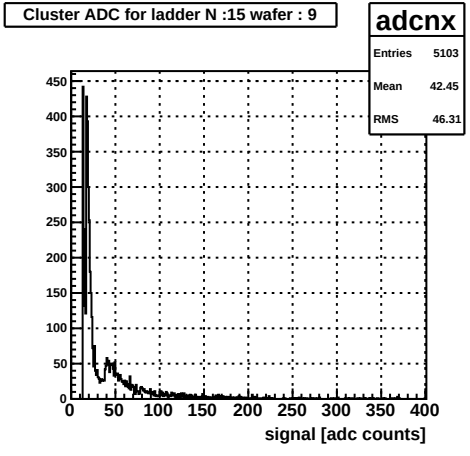

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 3888
Mean 47.15
RMS 50.65
signal [adc counts]

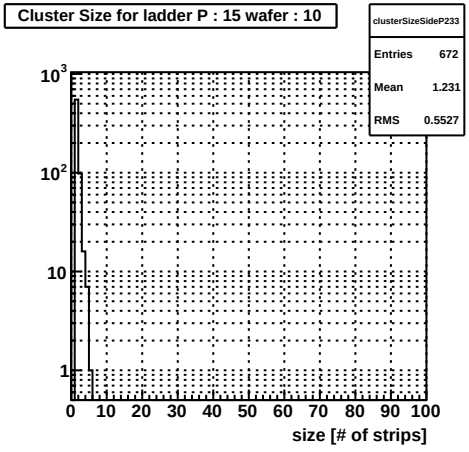

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 533
Mean 1.253
RMS 0.5694
size [# of strips]

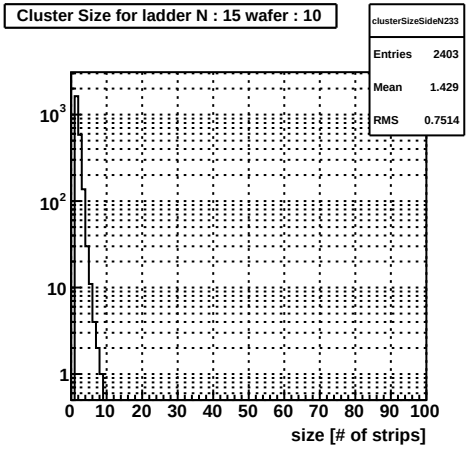

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5103
Mean 1.402
RMS 0.7434
size [# of strips]

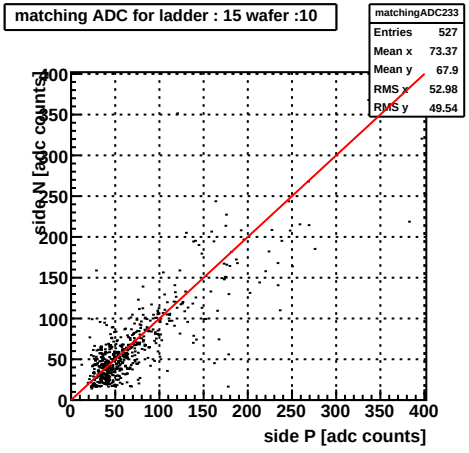

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 322
Mean x 69.14
Mean y 67.03
RMS x 55.3
RMS y 51
side N [adc counts]
side P [adc counts]

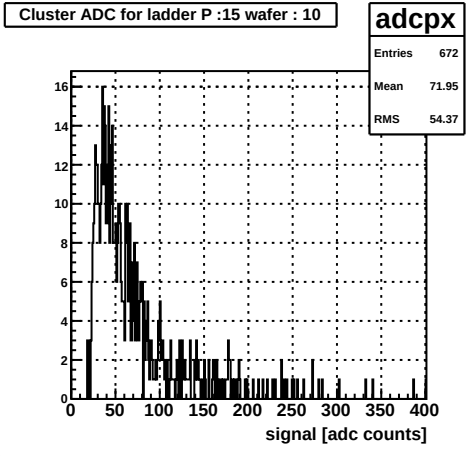

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 533
Mean 65.1
RMS 57.87
signal [adc counts]

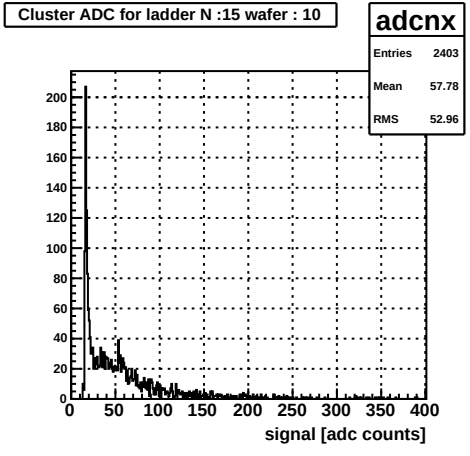

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5103
Mean 42.45
RMS 46.31
signal [adc counts]

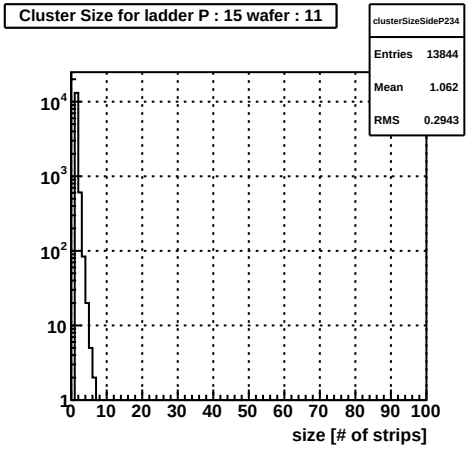

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 672
Mean 1.231
RMS 0.5527
size [# of strips]

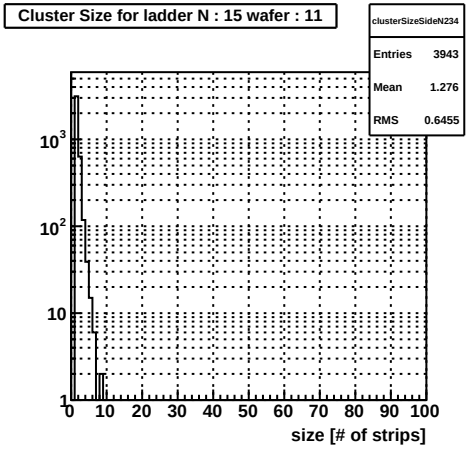

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2403
Mean 1.429
RMS 0.7514
size [# of strips]

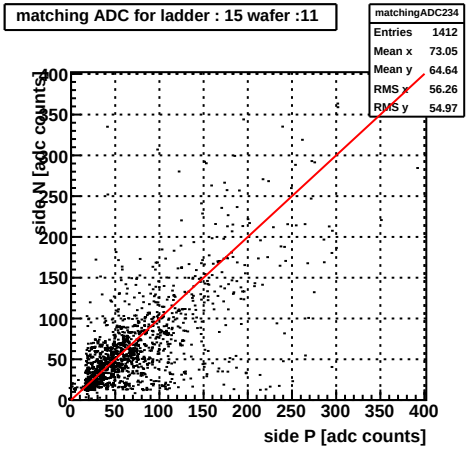

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 527
Mean x 73.37
Mean y 67.9
RMS x 52.98
RMS y 49.54
side N [adc counts]
side P [adc counts]

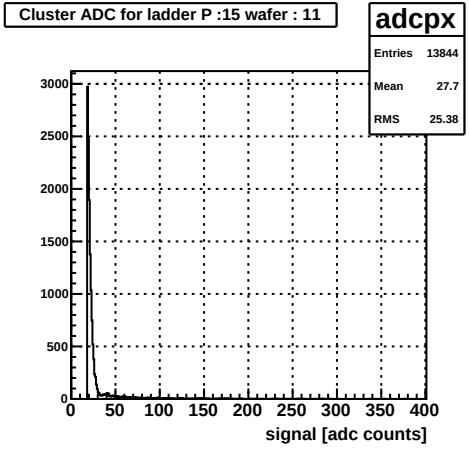

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 672
Mean 71.95
RMS 54.37
signal [adc counts]

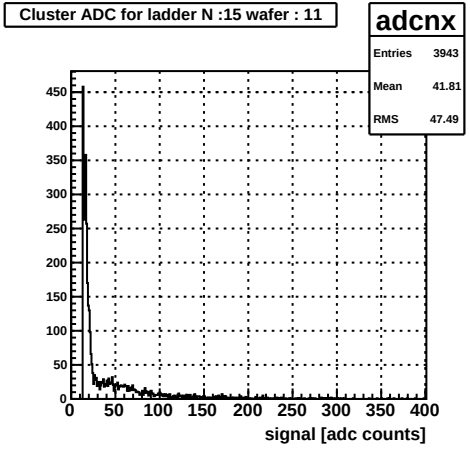

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2403
Mean 57.78
RMS 52.96
signal [adc counts]

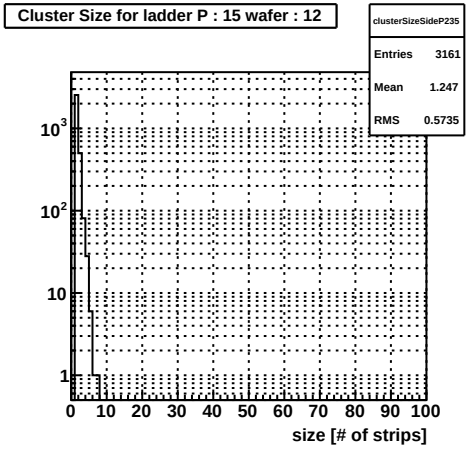

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 13844
Mean 1.062
RMS 0.2943
size [# of strips]

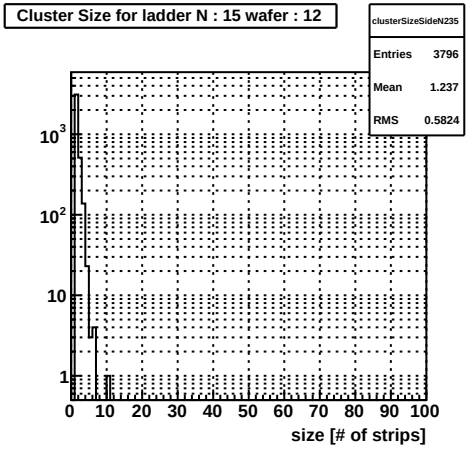

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 3943
Mean 1.276
RMS 0.6455
size [# of strips]

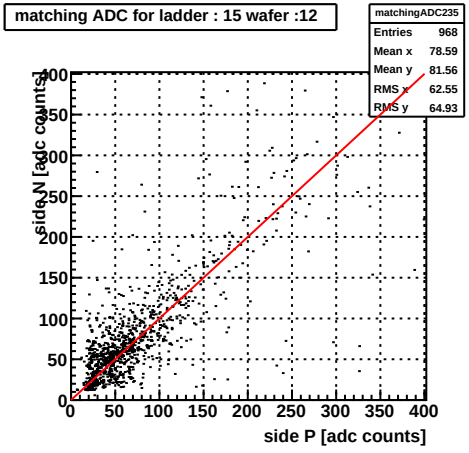

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1412
Mean x 73.05
Mean y 64.64
RMS x 56.26
RMS y 54.97
side N [adc counts]
side P [adc counts]

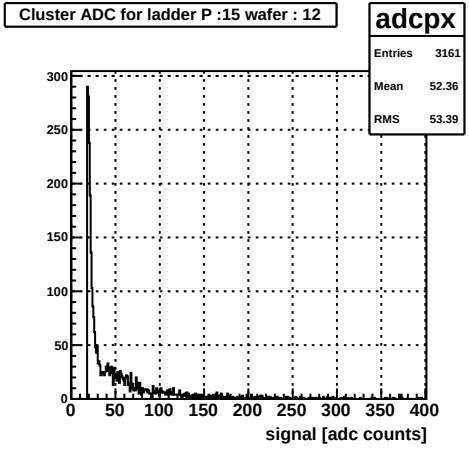

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 13844
Mean 27.7
RMS 25.38
signal [adc counts]

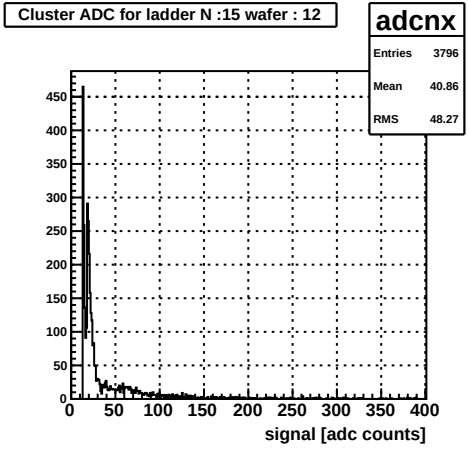

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 3943
Mean 41.81
RMS 47.49
signal [adc counts]

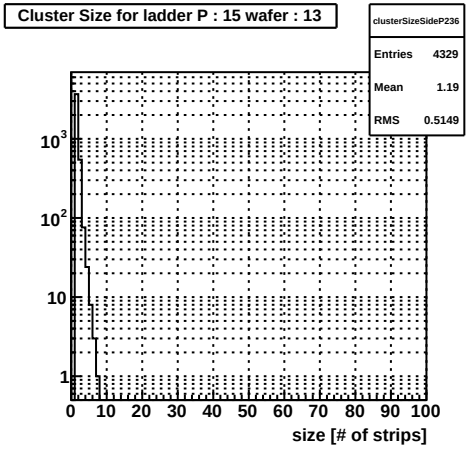

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 3161
Mean 1.247
RMS 0.5735
size [# of strips]

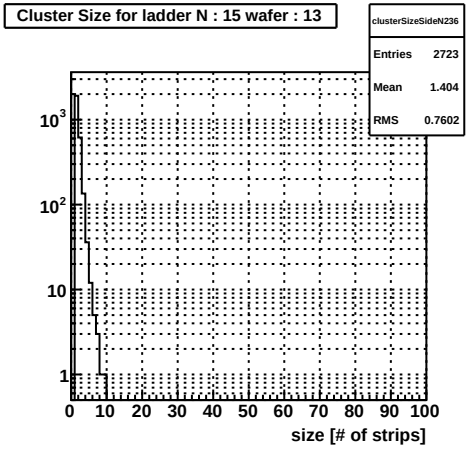

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 3796
Mean 1.237
RMS 0.5824
size [# of strips]

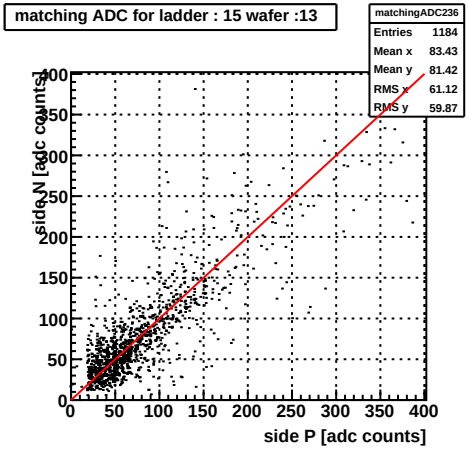

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 968
Mean x 78.59
Mean y 81.56
RMS x 62.55
RMS y 64.93
side N [adc counts]
side P [adc counts]

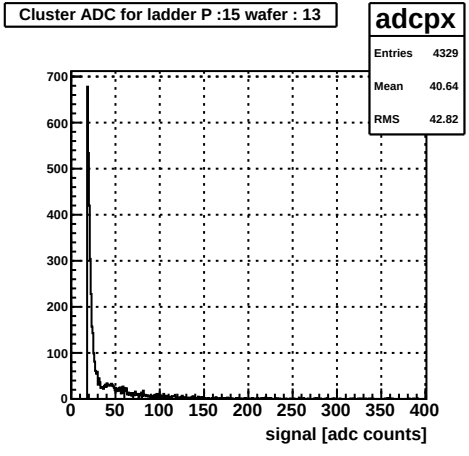

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 3161
Mean 52.36
RMS 53.39
signal [adc counts]

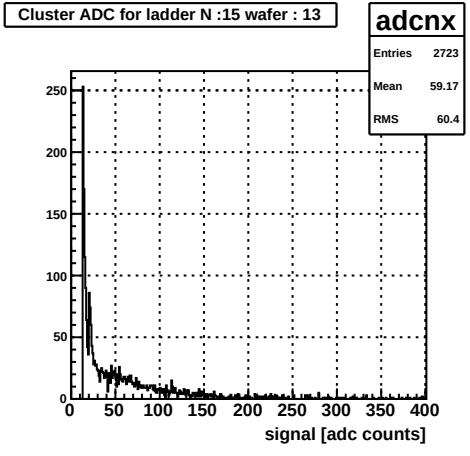

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 3796
Mean 40.86
RMS 48.27
signal [adc counts]

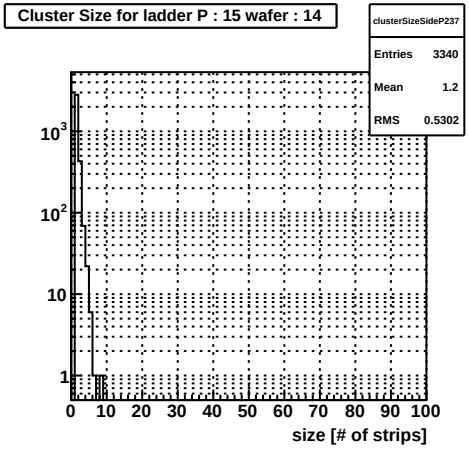

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4329
Mean 1.19
RMS 0.5149
size [# of strips]

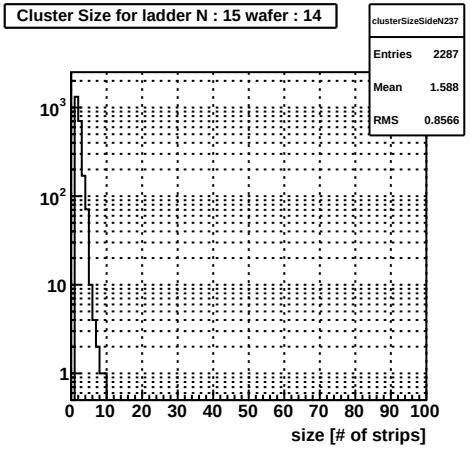

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2723
Mean 1.404
RMS 0.7602
size [# of strips]

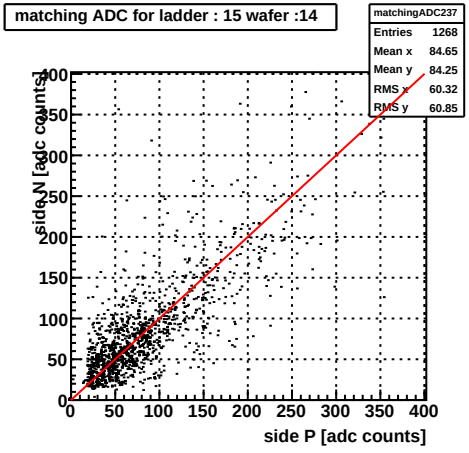

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1184
Mean x 83.43
Mean y 81.42
RMS x 61.12
RMS y 59.87
side N [adc counts]
side P [adc counts]

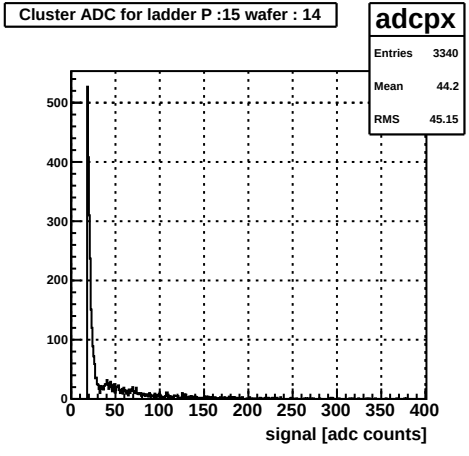

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4329
Mean 40.64
RMS 42.82
signal [adc counts]

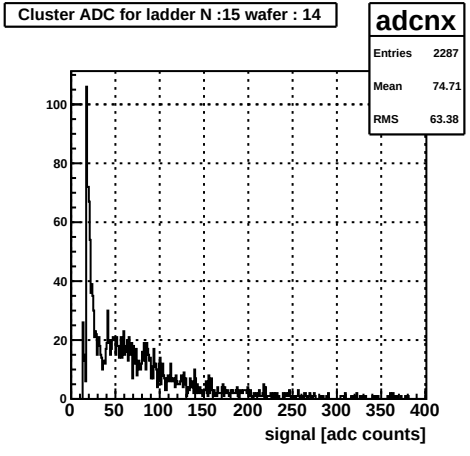

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2723
Mean 59.17
RMS 60.4
signal [adc counts]

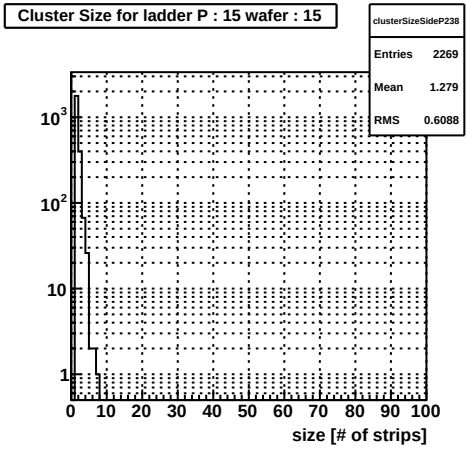

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 3340
Mean 1.2
RMS 0.5302
size [# of strips]

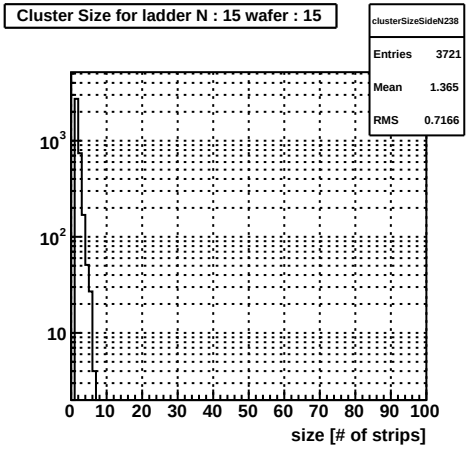

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2287
Mean 1.588
RMS 0.8566
size [# of strips]

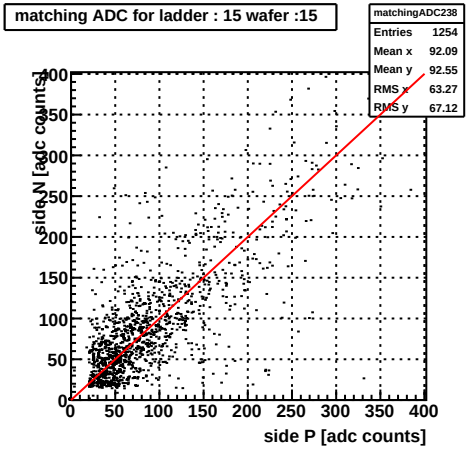

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1268
Mean x 84.65
Mean y 84.25
RMS x 60.32
RMS y 60.85
side N [adc counts]
side P [adc counts]

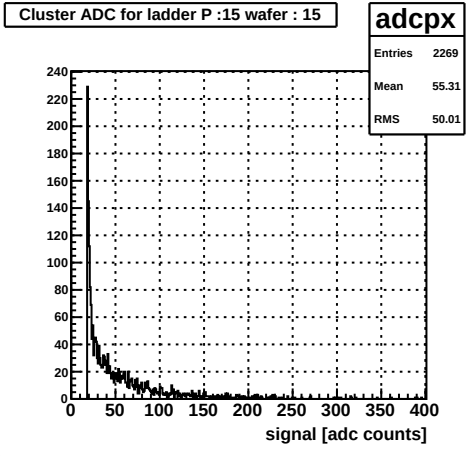

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 3340
Mean 44.2
RMS 45.15
signal [adc counts]

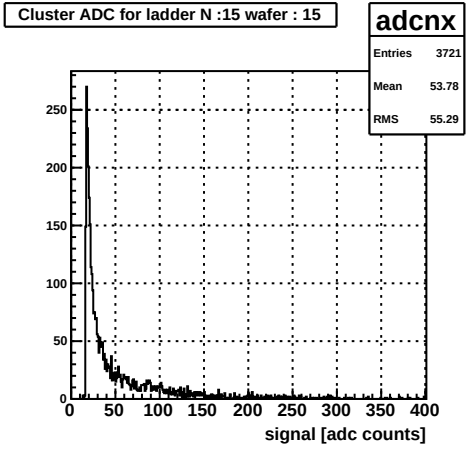

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2287
Mean 74.71
RMS 63.38
signal [adc counts]

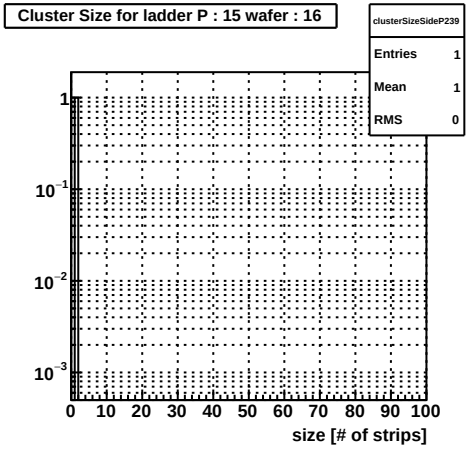

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2269
Mean 1.279
RMS 0.6088
size [# of strips]

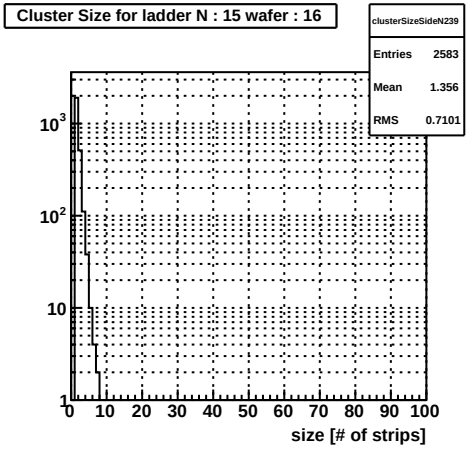

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 3721
Mean 1.365
RMS 0.7166
size [# of strips]

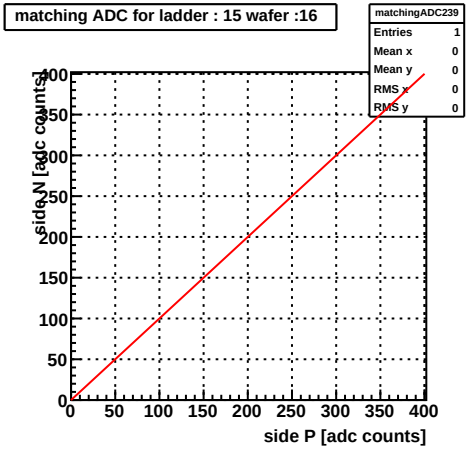

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1254
Mean x 92.09
Mean y 92.55
RMS x 63.27
RMS y 67.12
side N [adc counts]
side P [adc counts]

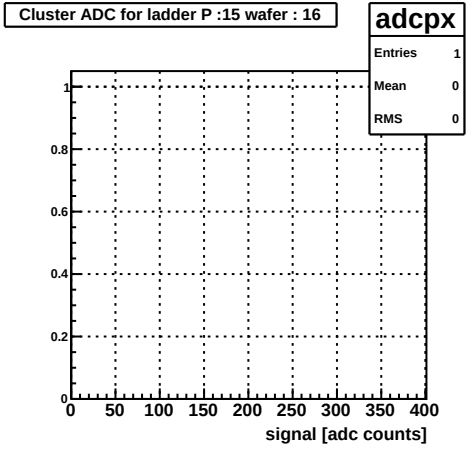

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2269
Mean 55.31
RMS 50.01
signal [adc counts]

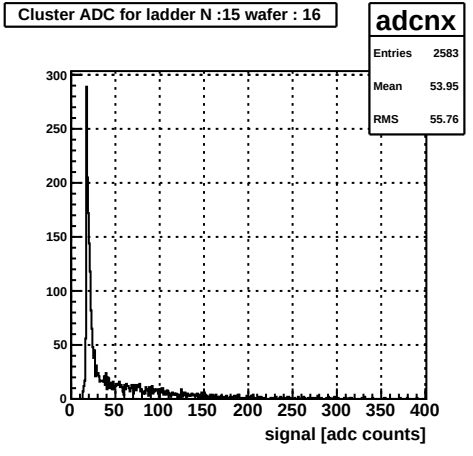

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 3721
Mean 53.78
RMS 55.29
signal [adc counts]

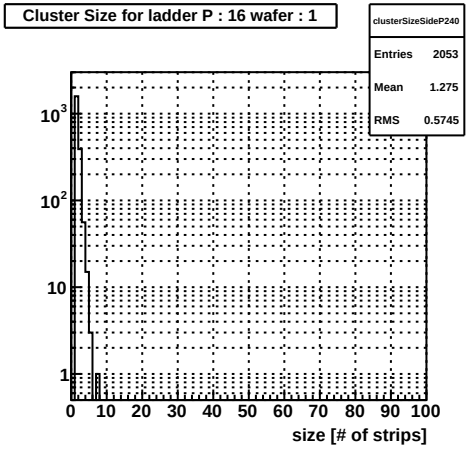

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 1
Mean 1
RMS 0
size [# of strips]

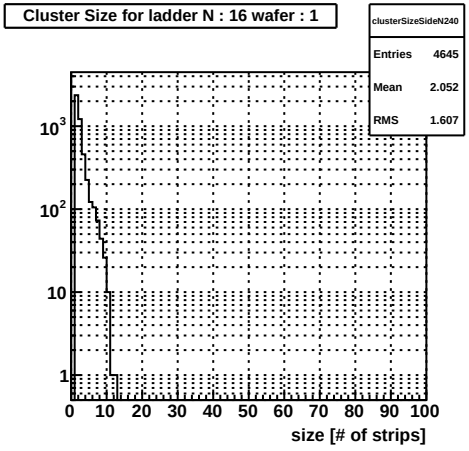

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2583
Mean 1.356
RMS 0.7101
size [# of strips]

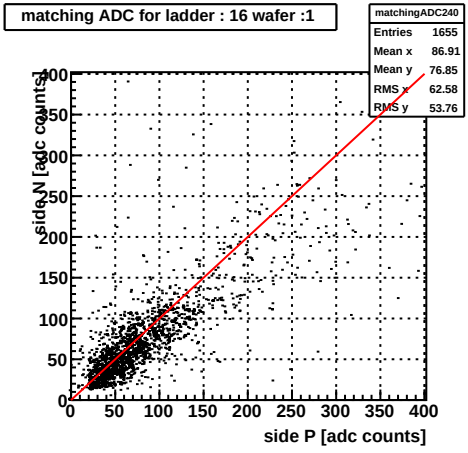

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

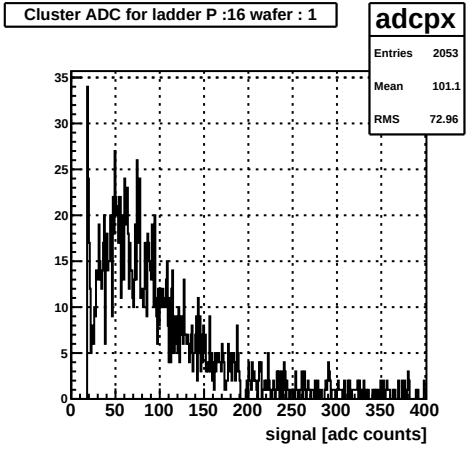

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

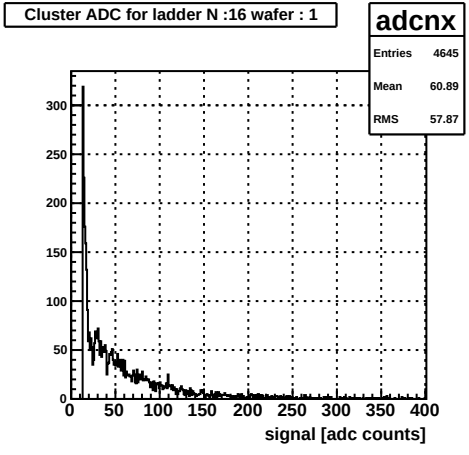

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2583
Mean 53.95
RMS 55.76
signal [adc counts]

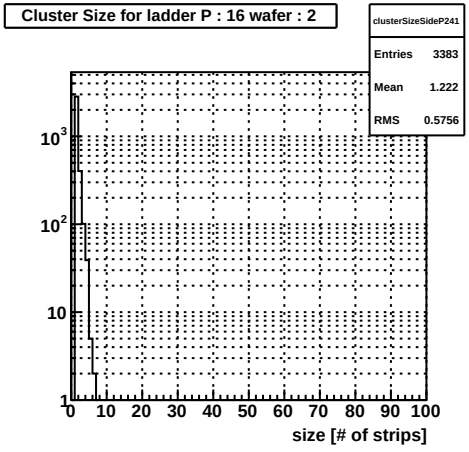

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 2053
Mean 1.275
RMS 0.5745
size [# of strips]

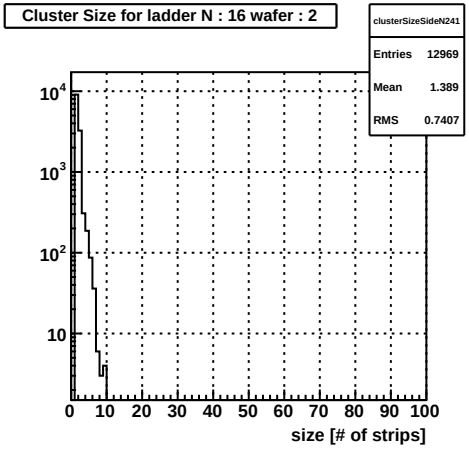

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4645
Mean 2.052
RMS 1.607
size [# of strips]

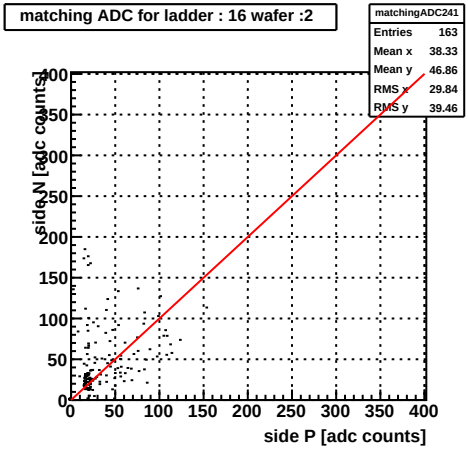

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1655
Mean x 86.91
Mean y 76.85
RMS x 62.58
RMS y 53.76
side N [adc counts]
side P [adc counts]

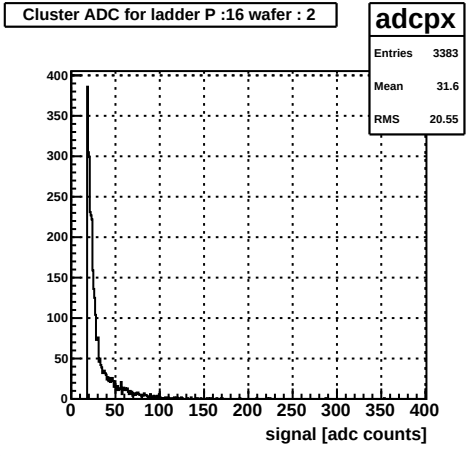

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 2053
Mean 101.1
RMS 72.96
signal [adc counts]

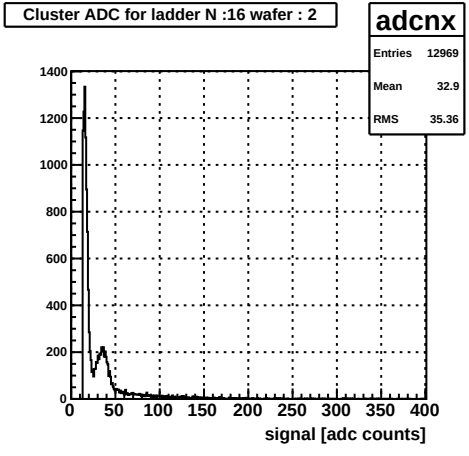

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4645
Mean 60.89
RMS 57.87
signal [adc counts]

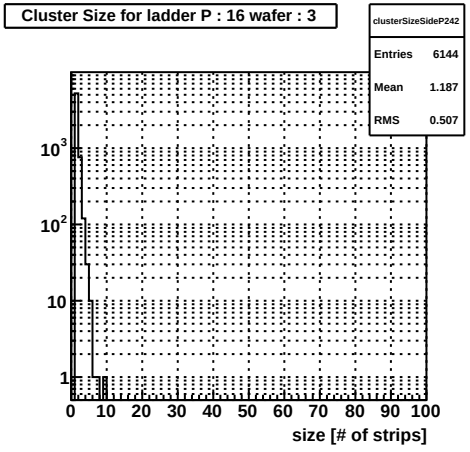

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 3383
Mean 1.222
RMS 0.5756
size [# of strips]

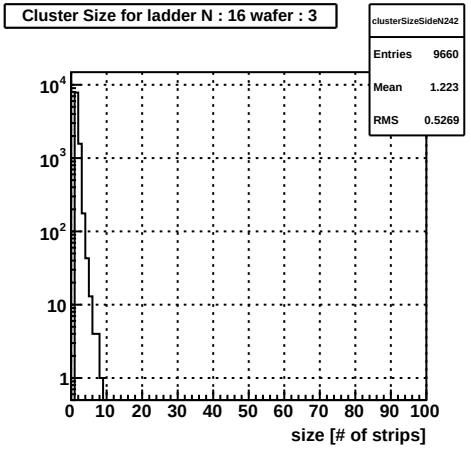

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 12969
Mean 1.389
RMS 0.7407
size [# of strips]

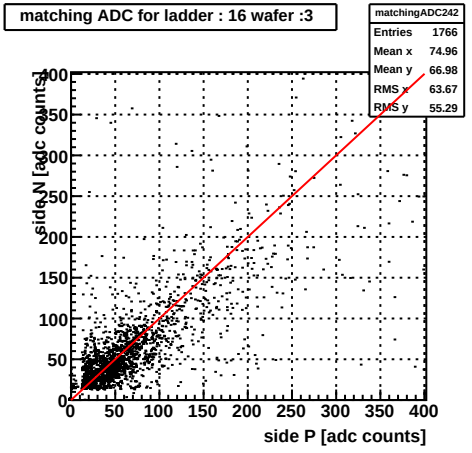

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 163
Mean x 38.33
Mean y 46.86
RMS x 29.84
RMS y 39.46
side N [adc counts]
side P [adc counts]

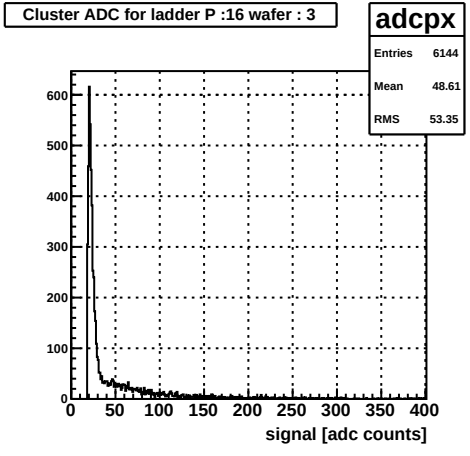

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 3383
Mean 31.6
RMS 20.55
signal [adc counts]

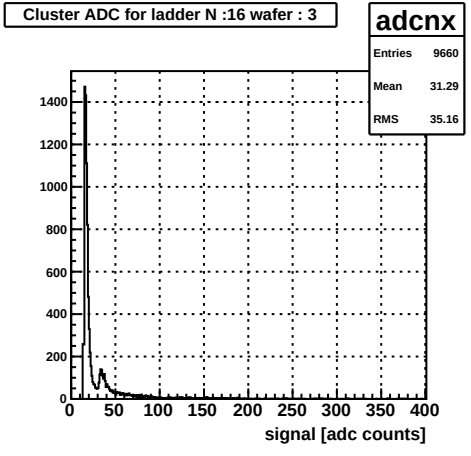

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 12969
Mean 32.9
RMS 35.36
signal [adc counts]

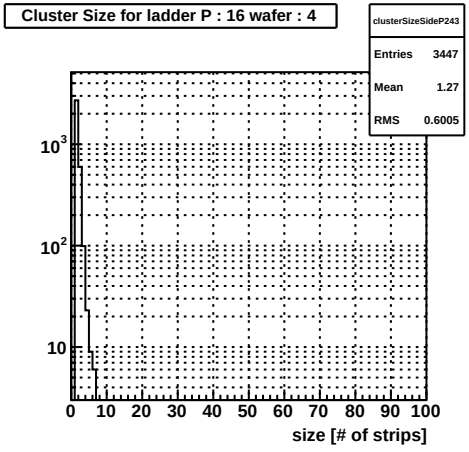

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 6144
Mean 1.187
RMS 0.507
size [# of strips]

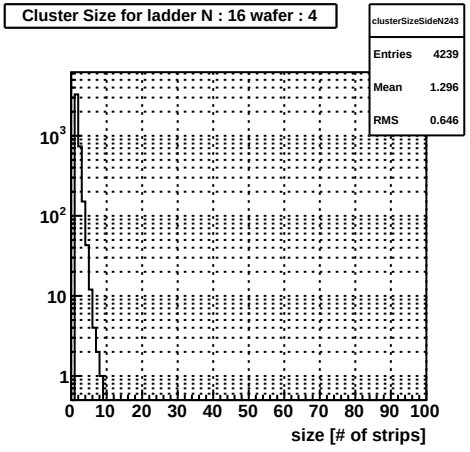

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 9660
Mean 1.223
RMS 0.5269
size [# of strips]

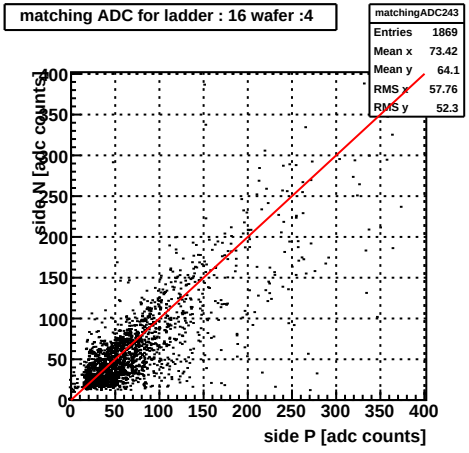

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1766
Mean x 74.96
Mean y 66.98
RMS x 63.67
RMS y 55.29
side N [adc counts]
side P [adc counts]

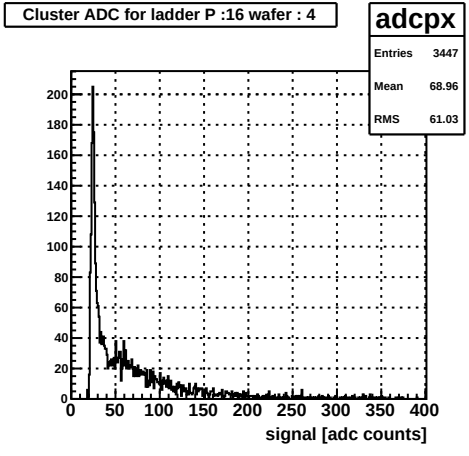

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 6144
Mean 48.61
RMS 53.35
signal [adc counts]

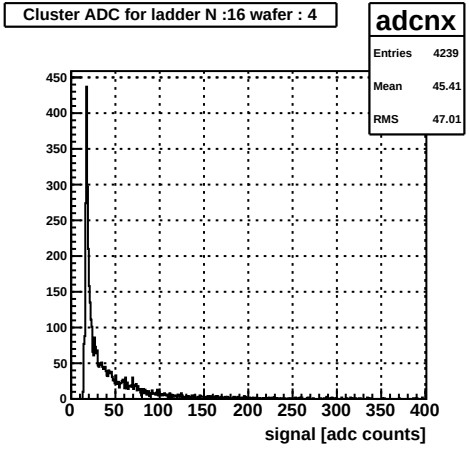

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 9660
Mean 31.29
RMS 35.16
signal [adc counts]

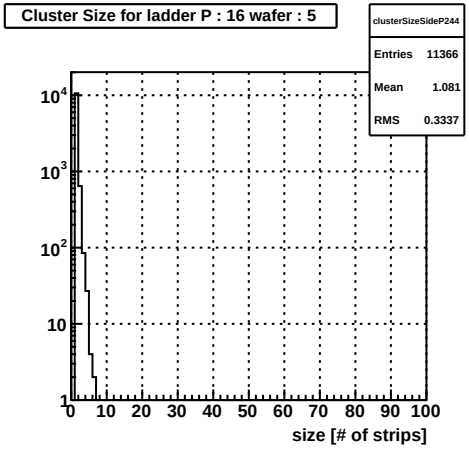

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3447
Mean 1.27
RMS 0.6005
size [# of strips]

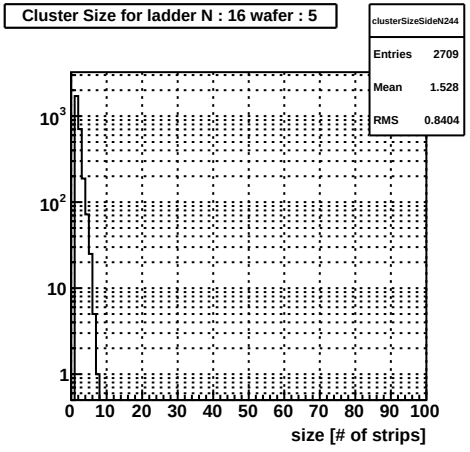

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 4239
Mean 1.296
RMS 0.646
size [# of strips]

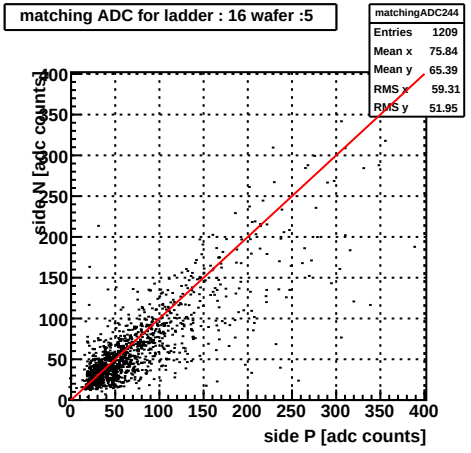

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1869
Mean x 73.42
Mean y 64.1
RMS x 57.76
RMS y 52.3
side N [adc counts]
side P [adc counts]

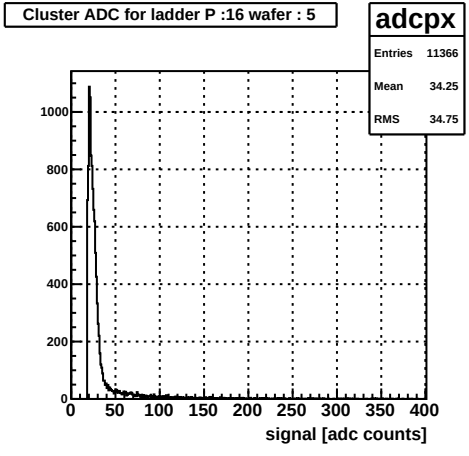

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3447
Mean 68.96
RMS 61.03
signal [adc counts]

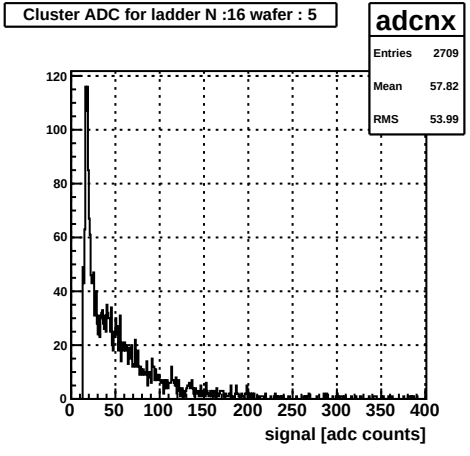

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 4239
Mean 45.41
RMS 47.01
signal [adc counts]

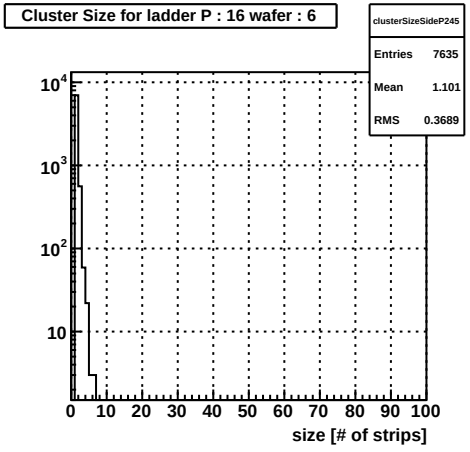

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 11366
Mean 1.081
RMS 0.3337
size [# of strips]

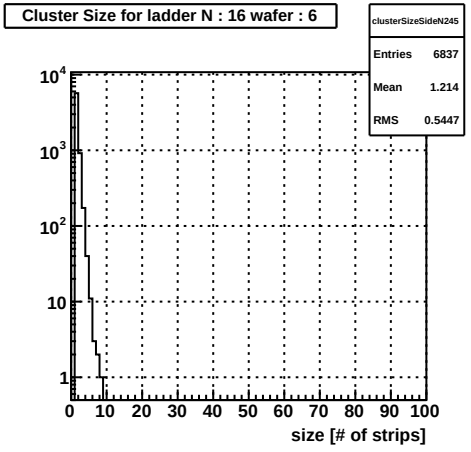

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2709
Mean 1.528
RMS 0.8404
size [# of strips]

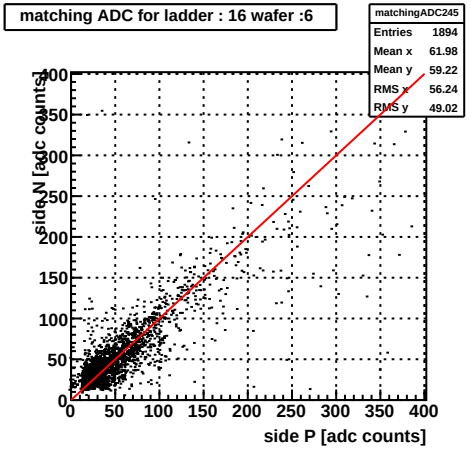

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1209
Mean x 75.84
Mean y 65.39
RMS x 59.31
RMS y 51.95
side N [adc counts]
side P [adc counts]

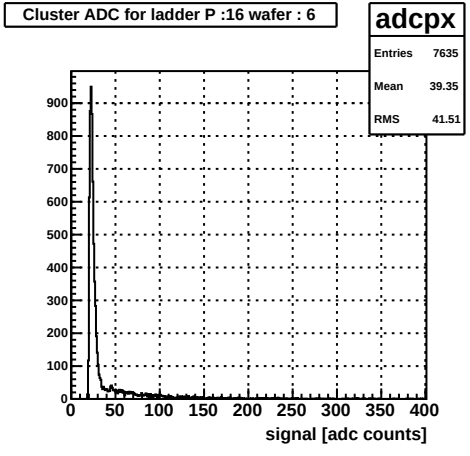

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 11366
Mean 34.25
RMS 34.75
signal [adc counts]

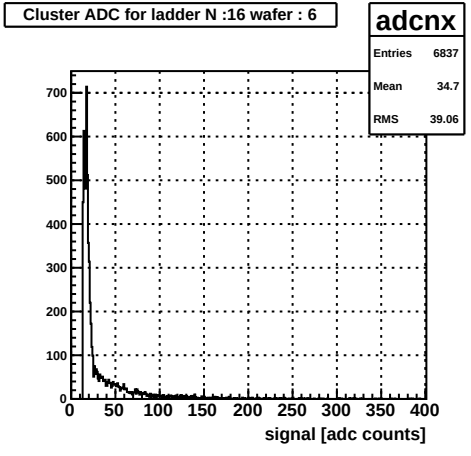

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2709
Mean 57.82
RMS 53.99
signal [adc counts]

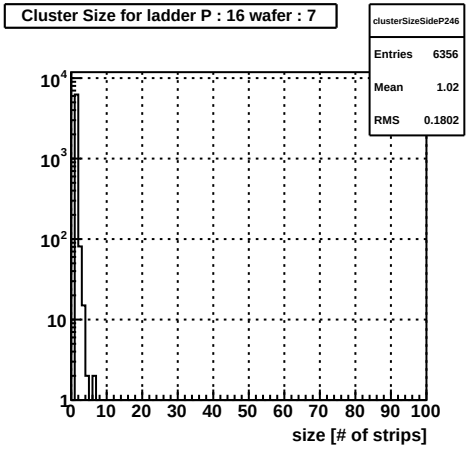

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 7635
Mean 1.101
RMS 0.3689
size [# of strips]

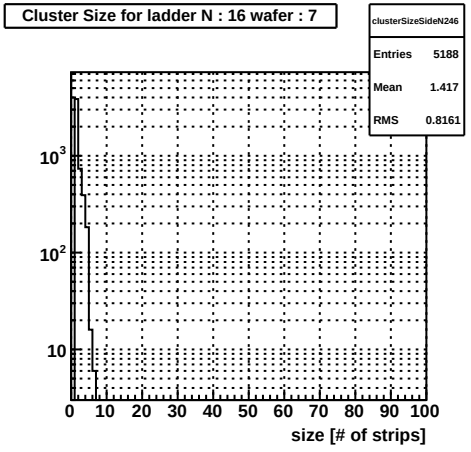

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 6837
Mean 1.214
RMS 0.5447
size [# of strips]

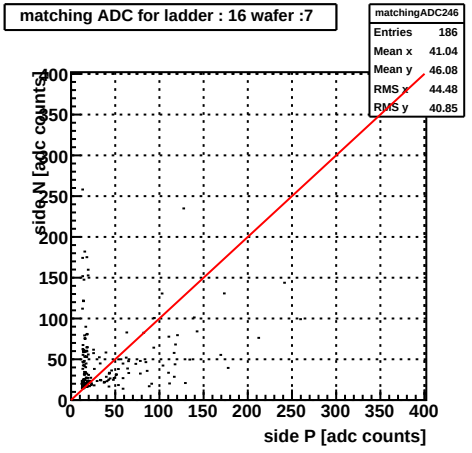

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1894
Mean x 61.98
Mean y 59.22
RMS x 56.24
RMS y 49.02
side N [adc counts]
side P [adc counts]

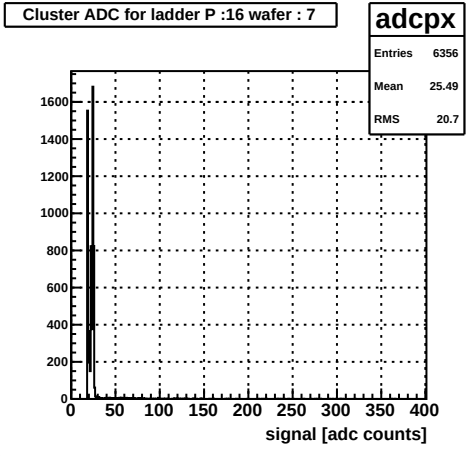

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 7635
Mean 39.35
RMS 41.51
signal [adc counts]

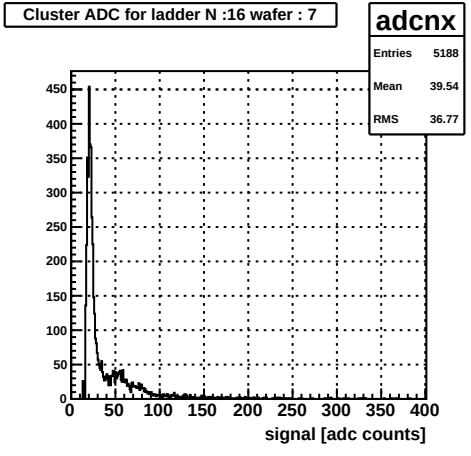

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 6837
Mean 34.7
RMS 39.06
signal [adc counts]

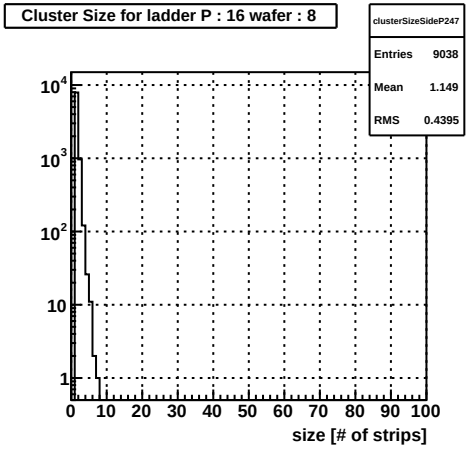

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 6356
Mean 1.02
RMS 0.1802
size [# of strips]

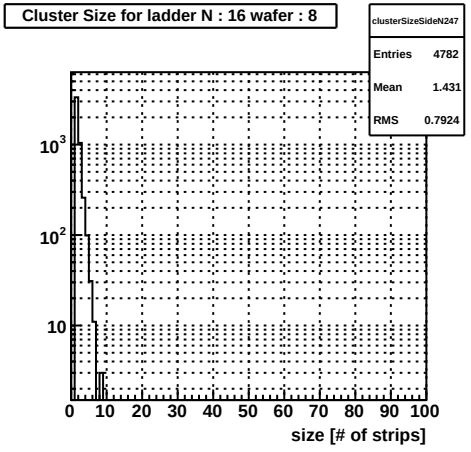

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 5188
Mean 1.417
RMS 0.8161
size [# of strips]

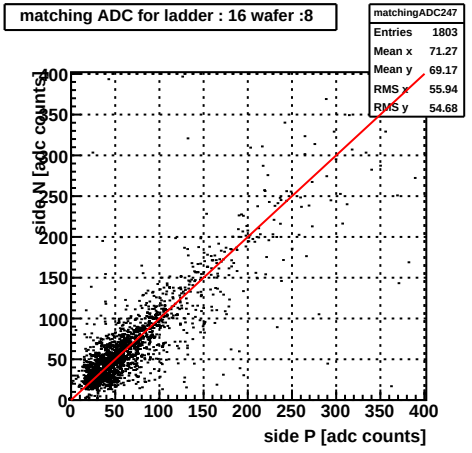

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 186
Mean x 41.04
Mean y 46.08
RMS x 44.48
RMS y 40.85
side N [adc counts]
side P [adc counts]

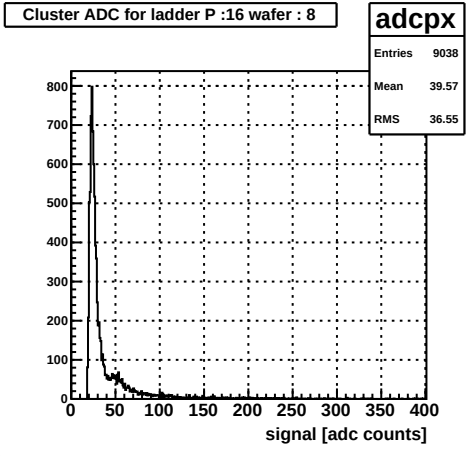

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 6356
Mean 25.49
RMS 20.7
signal [adc counts]

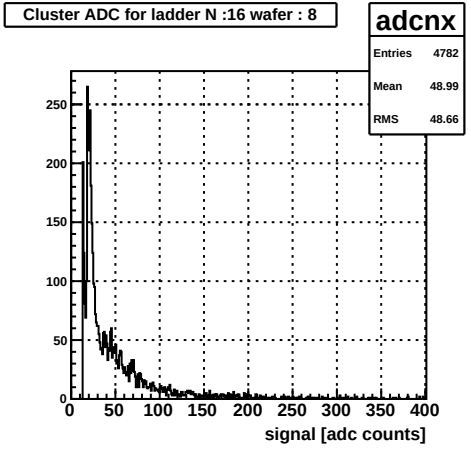

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 5188
Mean 39.54
RMS 36.77
signal [adc counts]

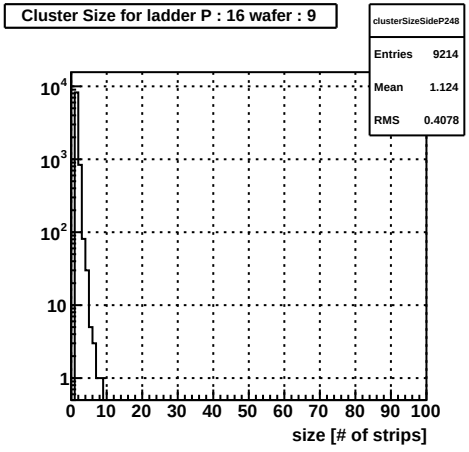

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 9038
Mean 1.149
RMS 0.4395
size [# of strips]

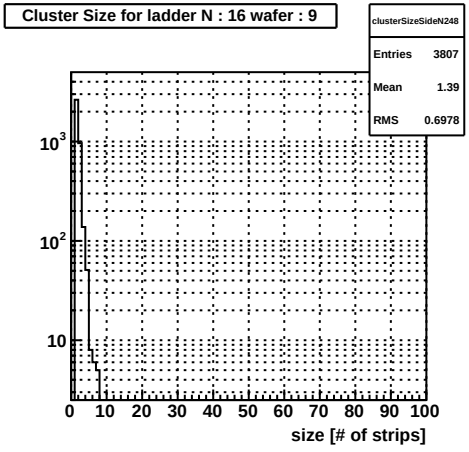

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 4782
Mean 1.431
RMS 0.7924
size [# of strips]

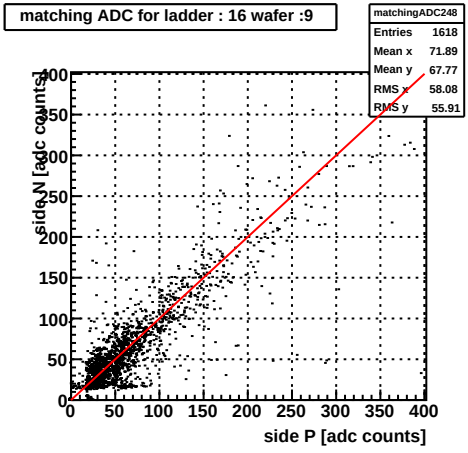

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1803
Mean x 71.27
Mean y 69.17
RMS x 55.94
RMS y 54.68
side N [adc counts]
side P [adc counts]

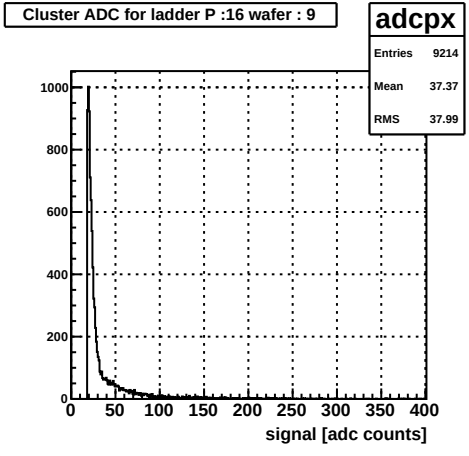

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 9038
Mean 39.57
RMS 36.55
signal [adc counts]

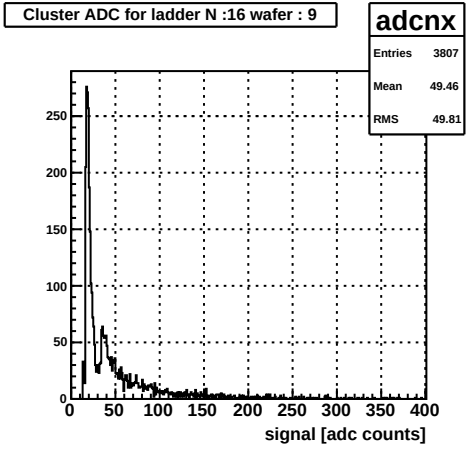

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 4782
Mean 48.99
RMS 48.66
signal [adc counts]

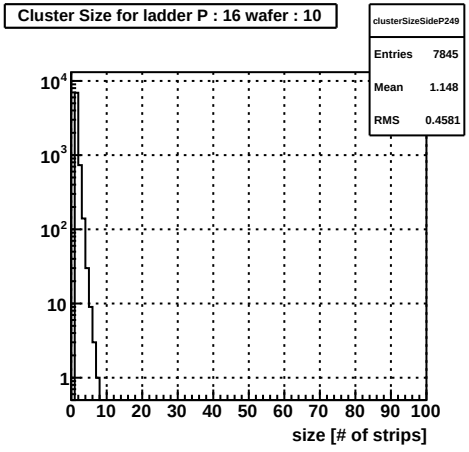

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 9214
Mean 1.124
RMS 0.4078
size [# of strips]

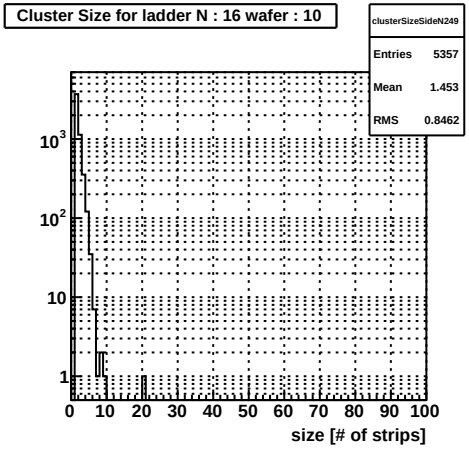

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 3807
Mean 1.39
RMS 0.6978
size [# of strips]

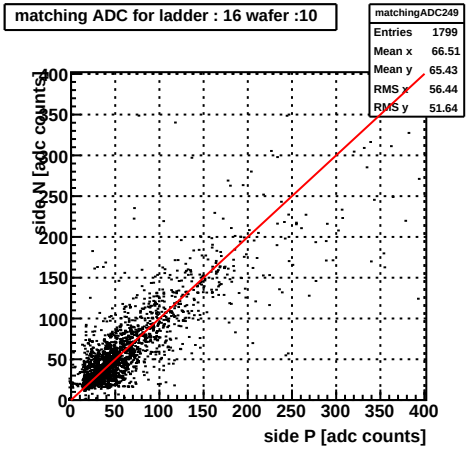

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1618
Mean x 71.89
Mean y 67.77
RMS x 58.08
RMS y 55.91
side N [adc counts]
side P [adc counts]

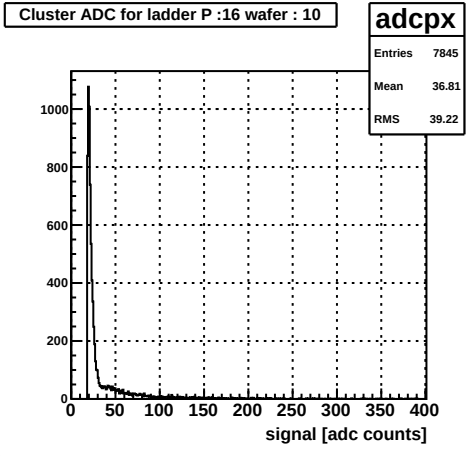

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 9214
Mean 37.37
RMS 37.99
signal [adc counts]

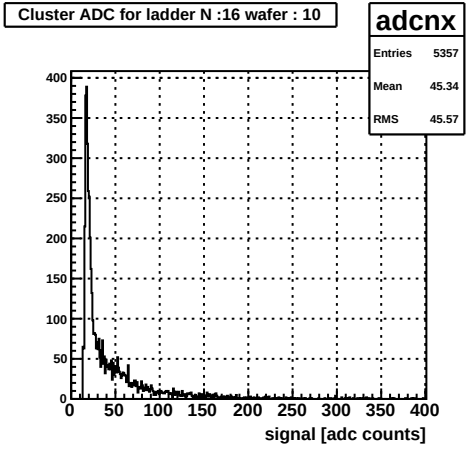

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 3807
Mean 49.46
RMS 49.81
signal [adc counts]

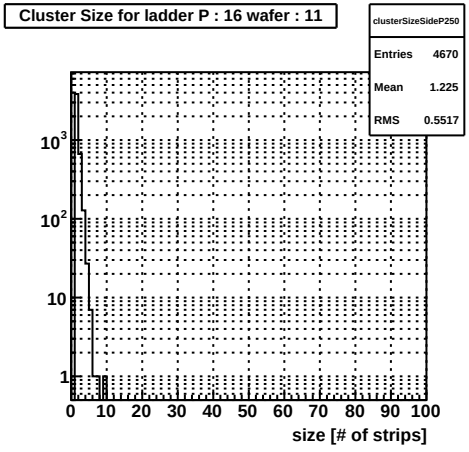

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 7845
Mean 1.148
RMS 0.4581
size [# of strips]

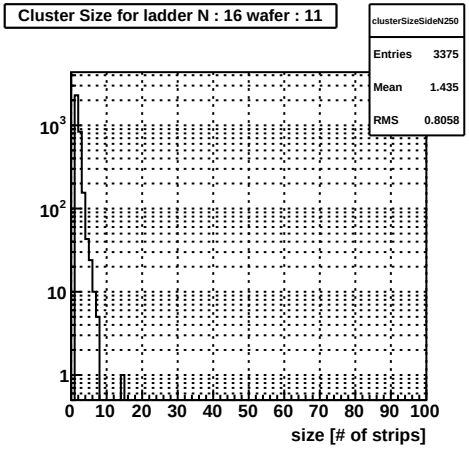

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 5357
Mean 1.453
RMS 0.8462
size [# of strips]

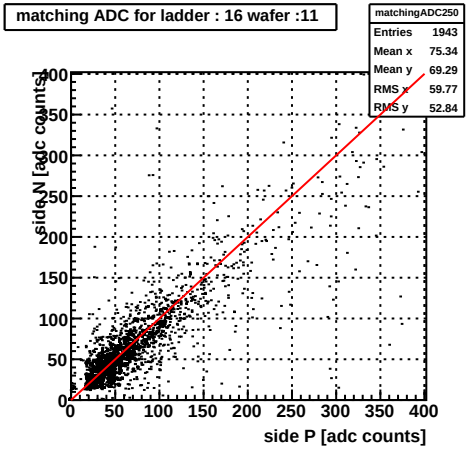

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1799
Mean x 66.51
Mean y 65.43
RMS x 56.44
RMS y 51.64
side N [adc counts]
side P [adc counts]

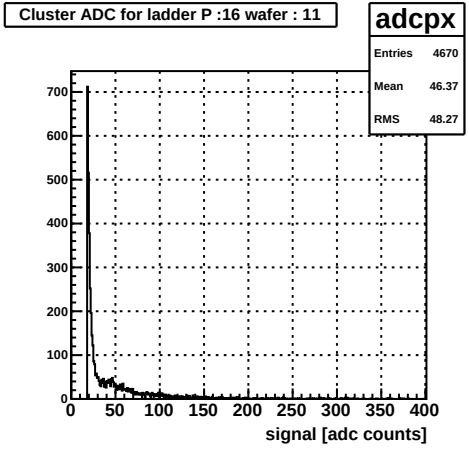

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 7845
Mean 36.81
RMS 39.22
signal [adc counts]

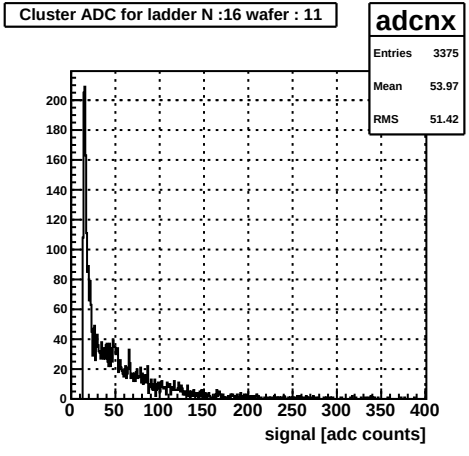

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 5357
Mean 45.34
RMS 45.57
signal [adc counts]

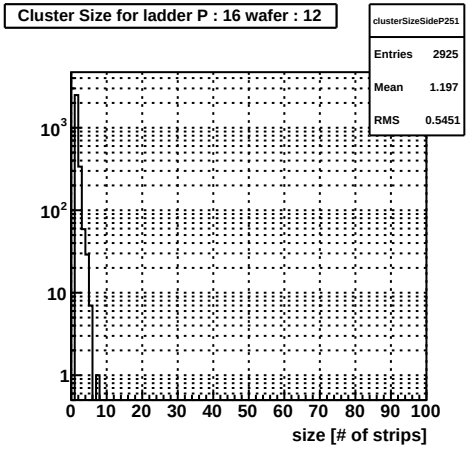

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 4670
Mean 1.225
RMS 0.5517
size [# of strips]

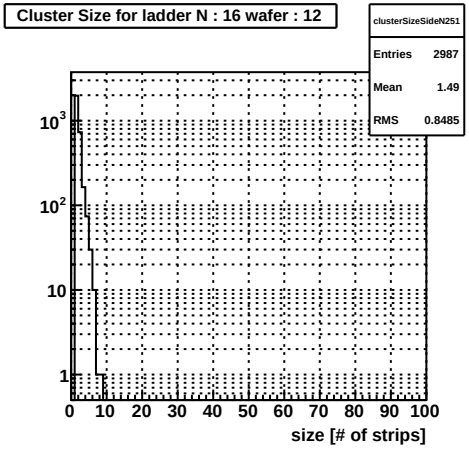

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 3375
Mean 1.435
RMS 0.8058
size [# of strips]

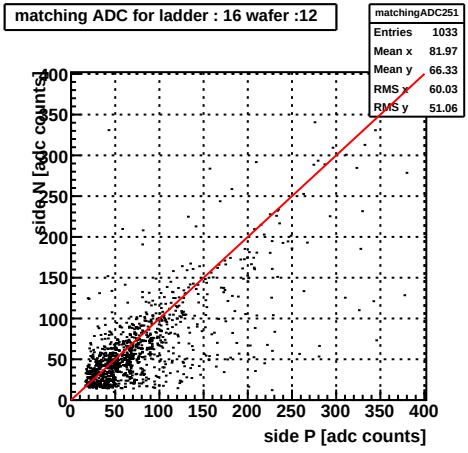

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1943
Mean x 75.34
Mean y 69.29
RMS x 59.77
RMS y 52.84
side N [adc counts]
side P [adc counts]

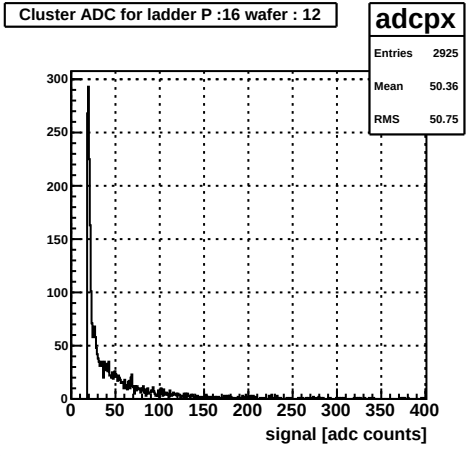

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 4670
Mean 46.37
RMS 48.27
signal [adc counts]

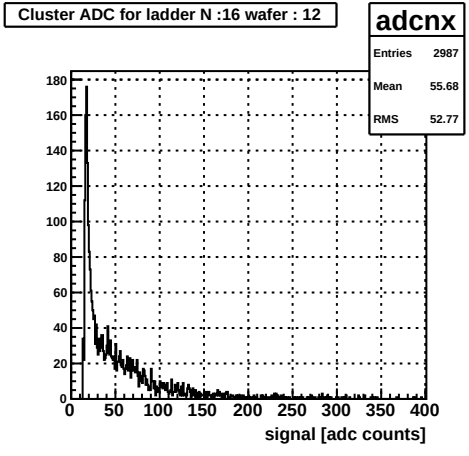

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 3375
Mean 53.97
RMS 51.42
signal [adc counts]

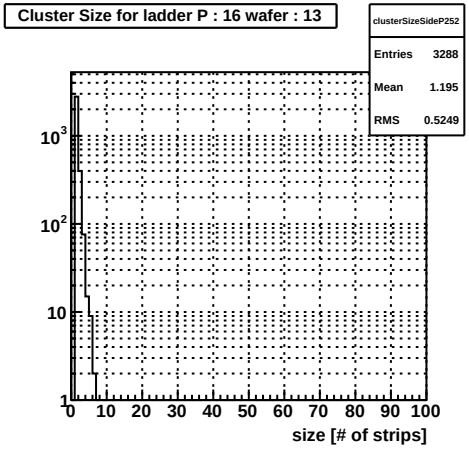

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 2925
Mean 1.197
RMS 0.5451
size [# of strips]

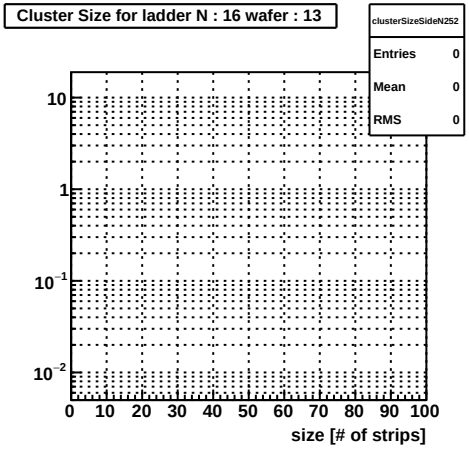

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2987
Mean 1.49
RMS 0.8485
size [# of strips]

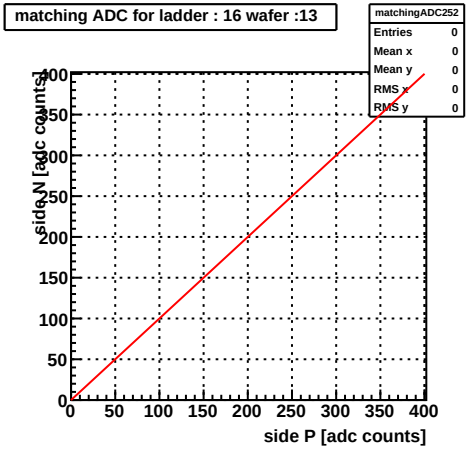

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 1033
Mean x 81.97
Mean y 66.33
RMS x 60.03
RMS y 51.06
side N [adc counts]
side P [adc counts]

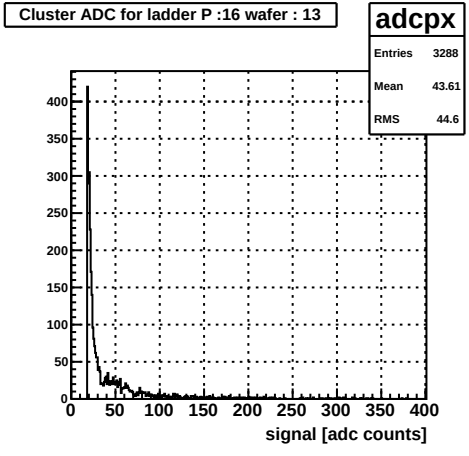

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 2925
Mean 50.36
RMS 50.75
signal [adc counts]

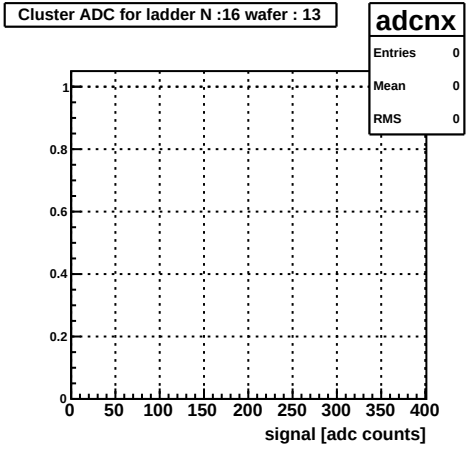

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2987
Mean 55.68
RMS 52.77
signal [adc counts]

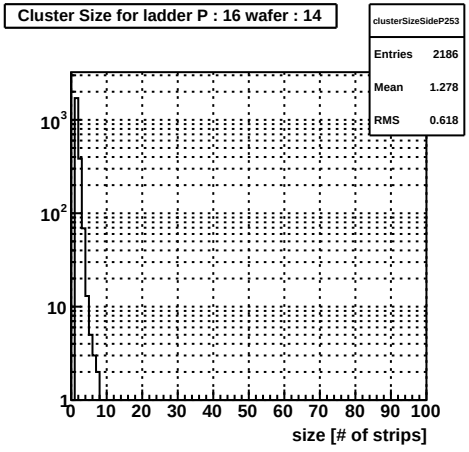

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 3288
Mean 1.195
RMS 0.5249
size [# of strips]

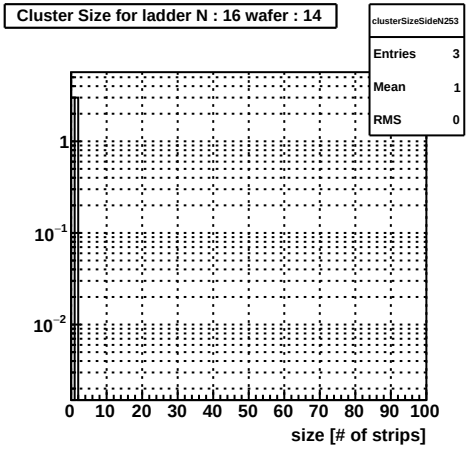

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

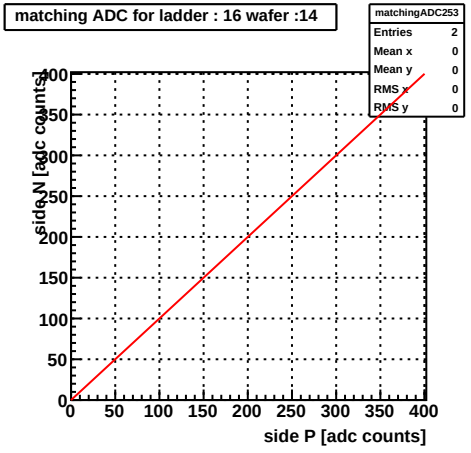

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

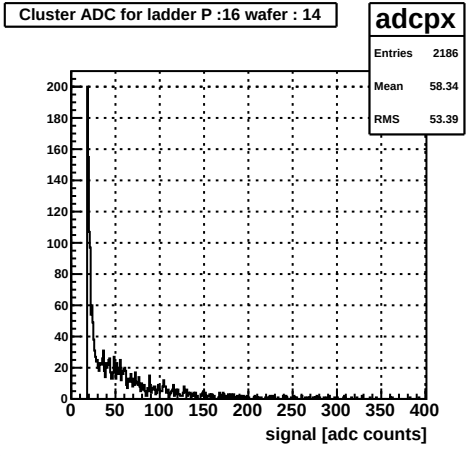

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 3288
Mean 43.61
RMS 44.6
signal [adc counts]

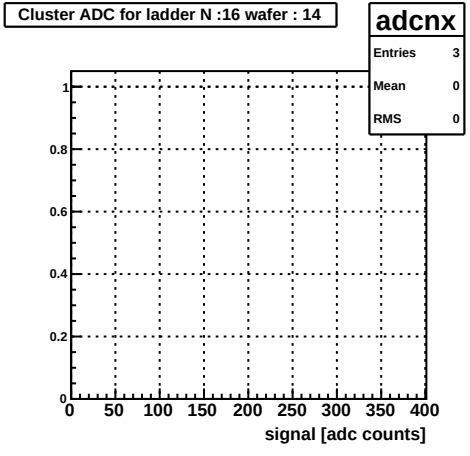

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

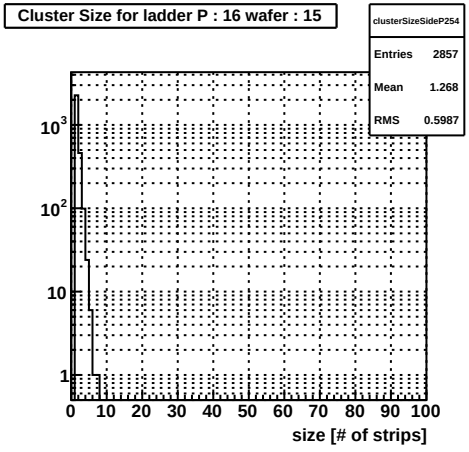

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 2186
Mean 1.278
RMS 0.618
size [# of strips]

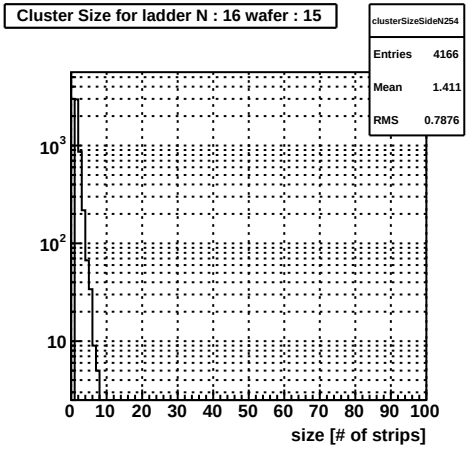

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 3
Mean 1
RMS 0
size [# of strips]

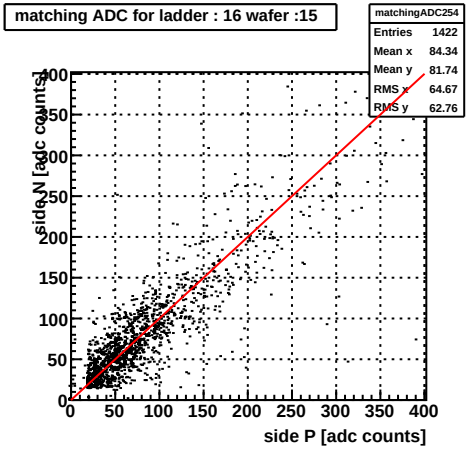

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

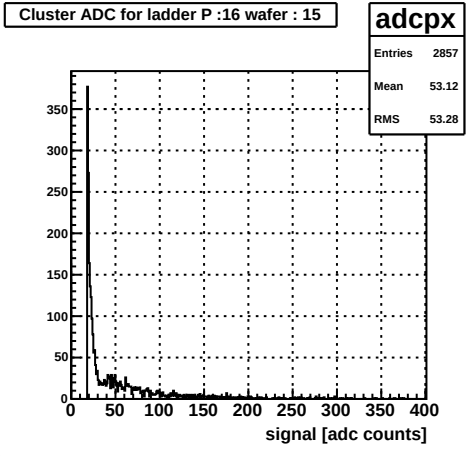

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 2186
Mean 58.34
RMS 53.39
signal [adc counts]

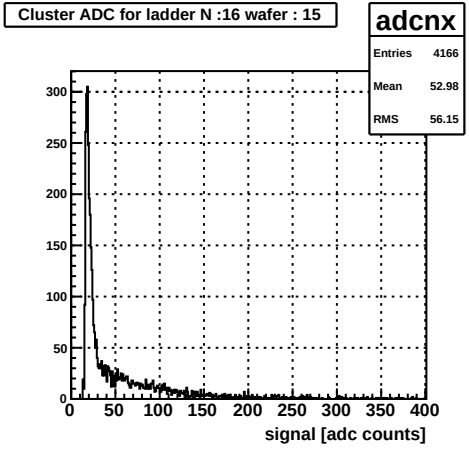

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 3
Mean 0
RMS 0
signal [adc counts]

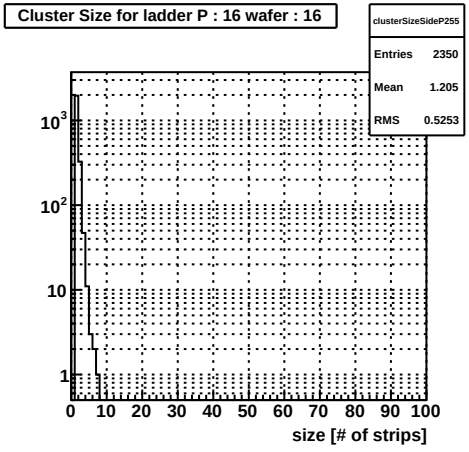

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 2857
Mean 1.268
RMS 0.5987
size [# of strips]

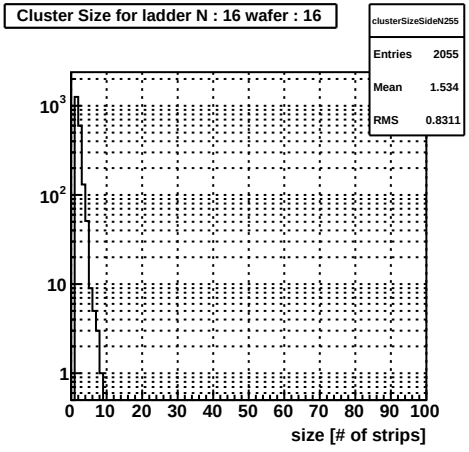

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 4166
Mean 1.411
RMS 0.7876
size [# of strips]

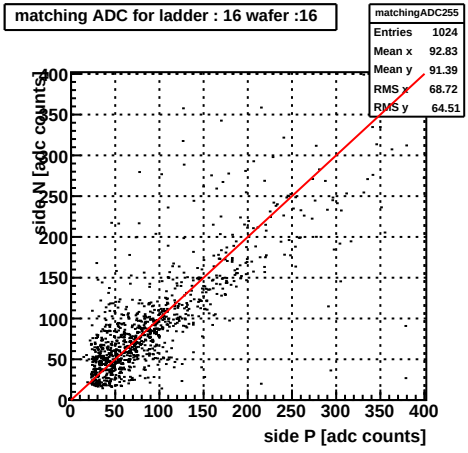

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1422
Mean x 84.34
Mean y 81.74
RMS x 64.67
RMS y 62.76
side N [adc counts]
side P [adc counts]

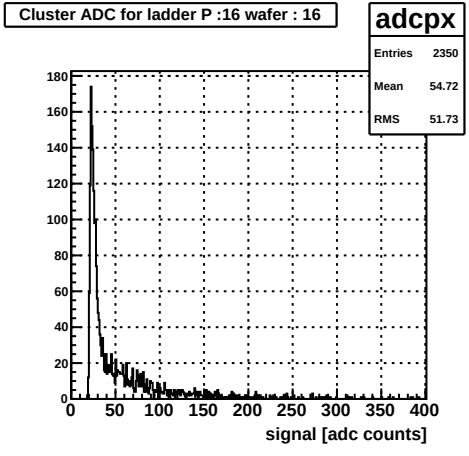

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 2857
Mean 53.12
RMS 53.28
signal [adc counts]

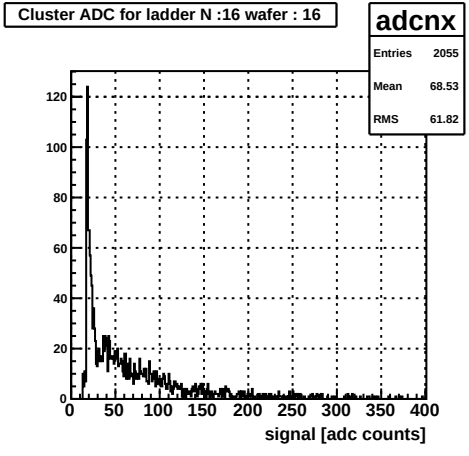

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 4166
Mean 52.98
RMS 56.15
signal [adc counts]

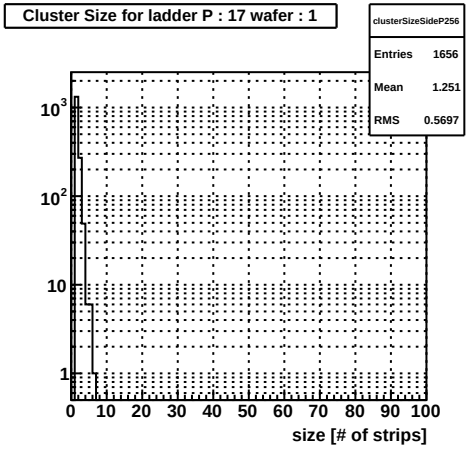

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 2350
Mean 1.205
RMS 0.5253
size [# of strips]

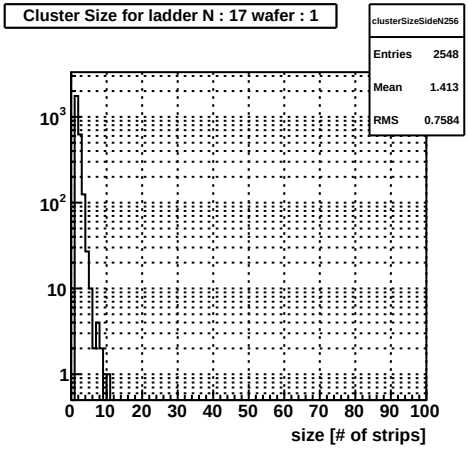

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2055
Mean 1.534
RMS 0.8311
size [# of strips]

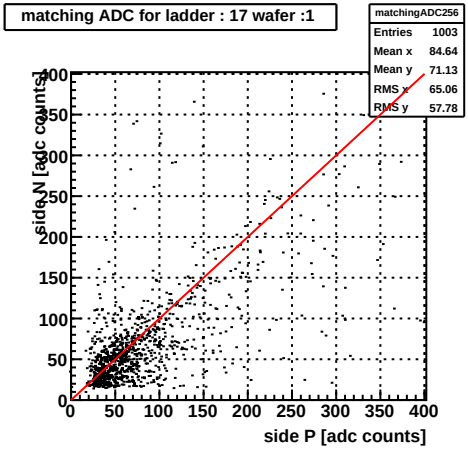

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1024
Mean x 92.83
Mean y 91.39
RMS x 68.72
RMS y 64.51
side N [adc counts]
side P [adc counts]

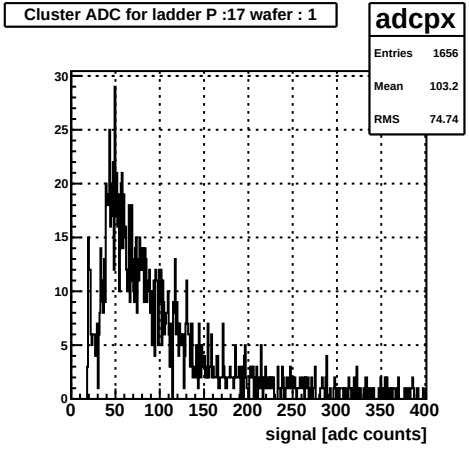

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 2350
Mean 54.72
RMS 51.73
signal [adc counts]

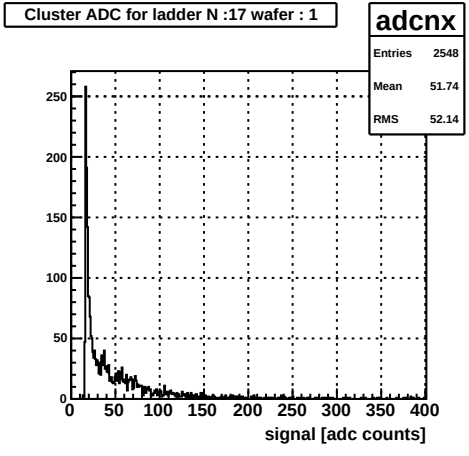

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2055
Mean 68.53
RMS 61.82
signal [adc counts]

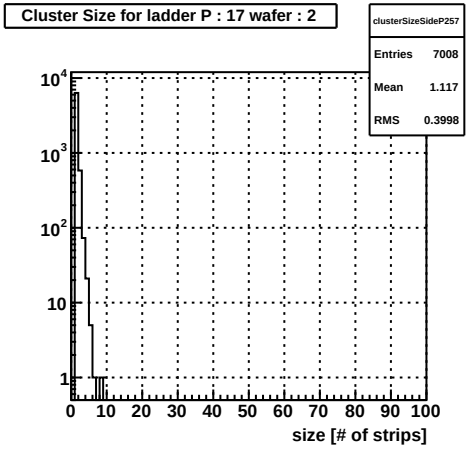

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1656
Mean 1.251
RMS 0.5697
size [# of strips]

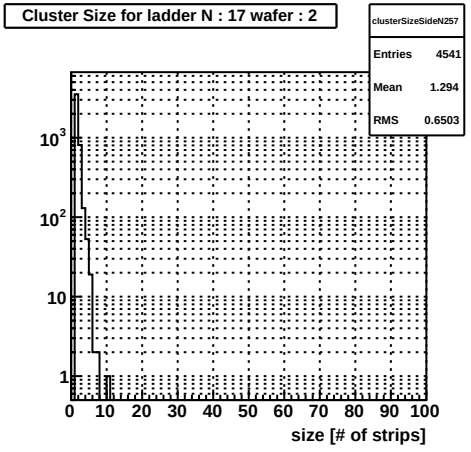

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2548
Mean 1.413
RMS 0.7584
size [# of strips]

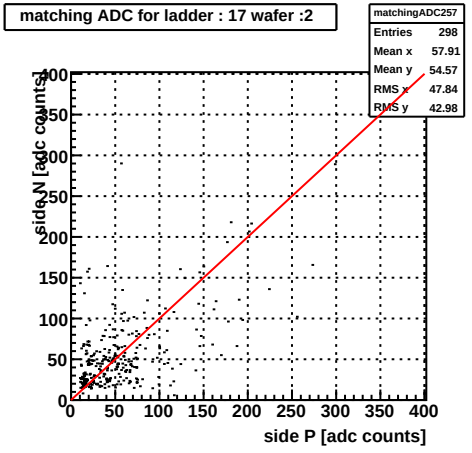

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 1003
Mean x 84.64
Mean y 71.13
RMS x 65.06
RMS y 57.78
side N [adc counts]
side P [adc counts]

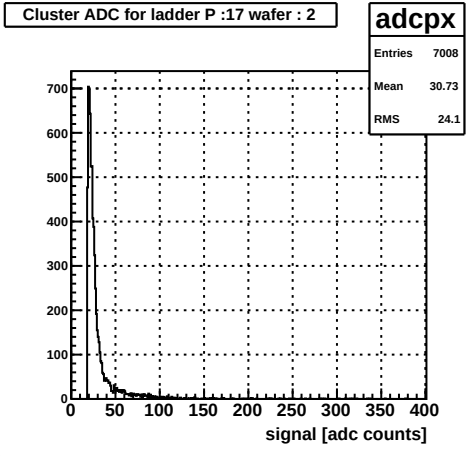

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1656
Mean 103.2
RMS 74.74
signal [adc counts]

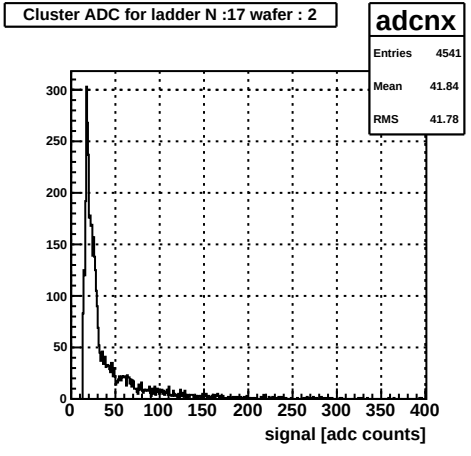

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2548
Mean 51.74
RMS 52.14
signal [adc counts]

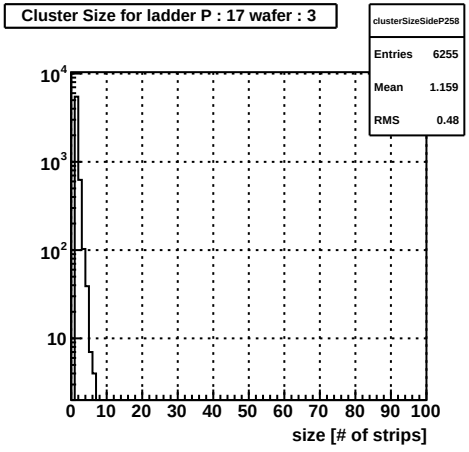

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 7008
Mean 1.117
RMS 0.3998
size [# of strips]

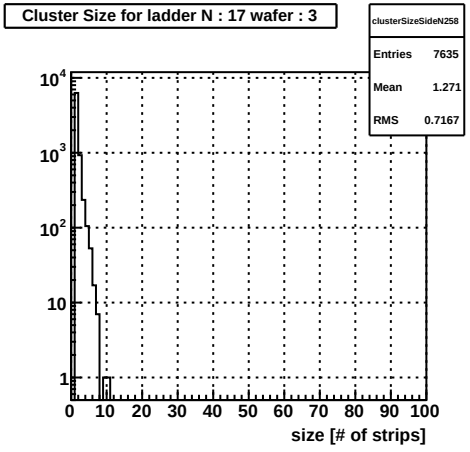

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4541
Mean 1.294
RMS 0.6503
size [# of strips]

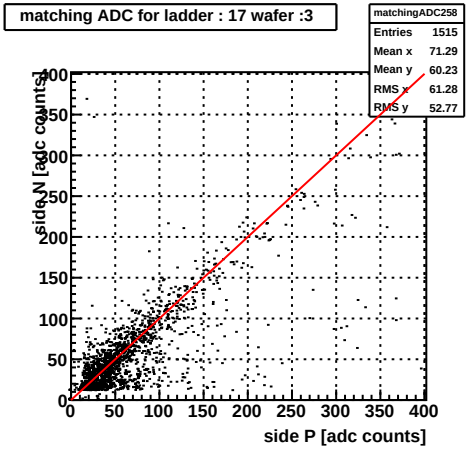

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 298
Mean x 57.91
Mean y 54.57
RMS x 47.84
RMS y 42.98
side N [adc counts]
side P [adc counts]

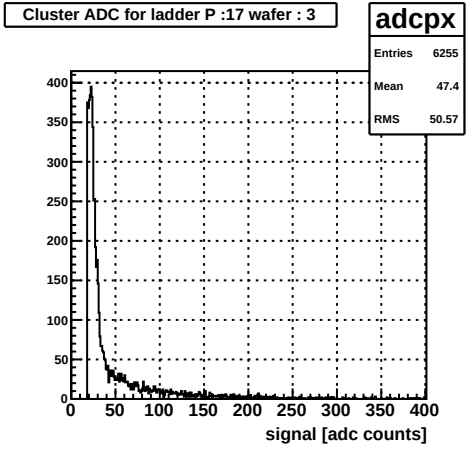

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 7008
Mean 30.73
RMS 24.1
signal [adc counts]

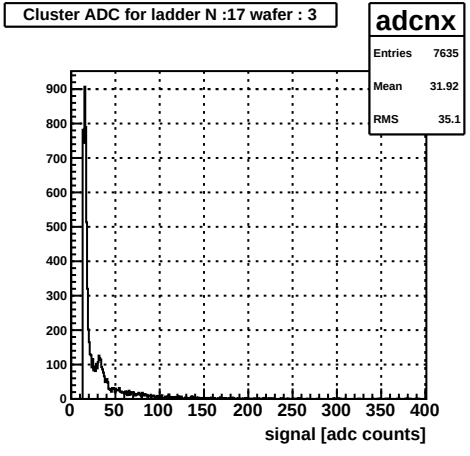

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4541
Mean 41.84
RMS 41.78
signal [adc counts]

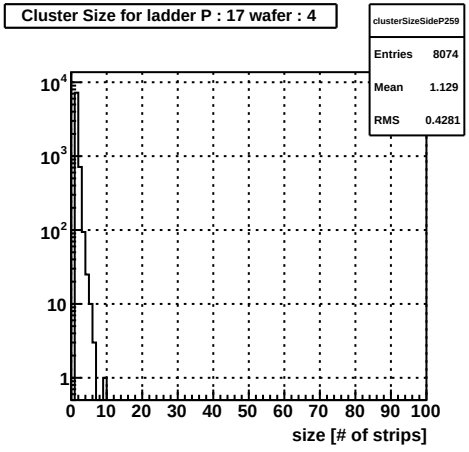

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 6255
Mean 1.159
RMS 0.48
size [# of strips]

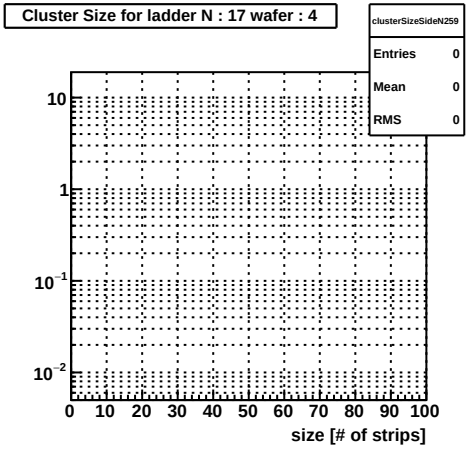

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 7635
Mean 1.271
RMS 0.7167
size [# of strips]

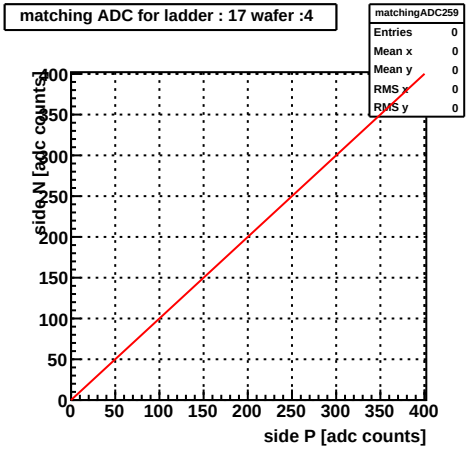

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1515
Mean x 71.29
Mean y 60.23
RMS x 61.28
RMS y 52.77
side N [adc counts]
side P [adc counts]

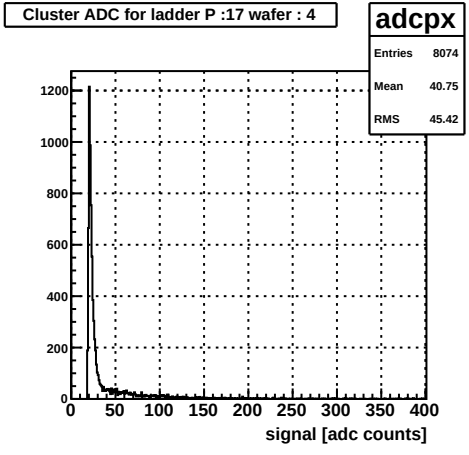

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 6255
Mean 47.4
RMS 50.57
signal [adc counts]

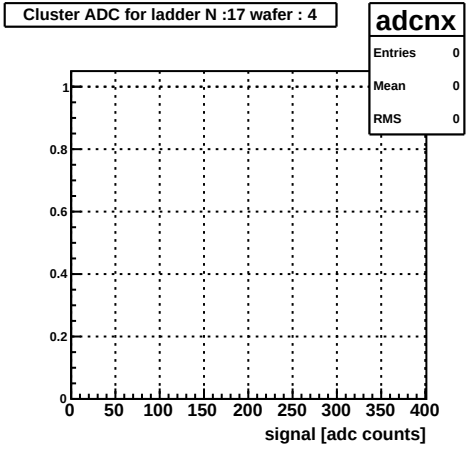

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 7635
Mean 31.92
RMS 35.1
signal [adc counts]

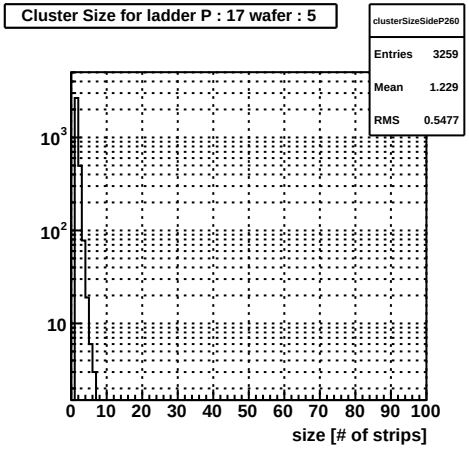

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 8074
Mean 1.129
RMS 0.4281
size [# of strips]

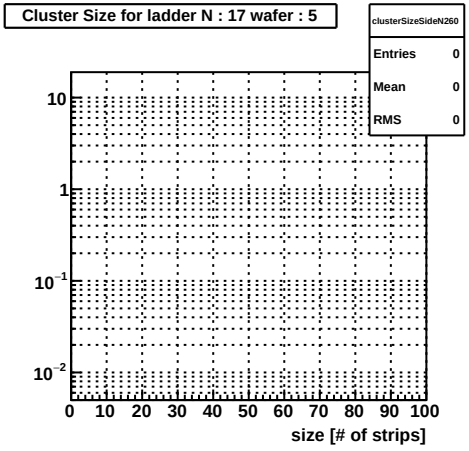

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

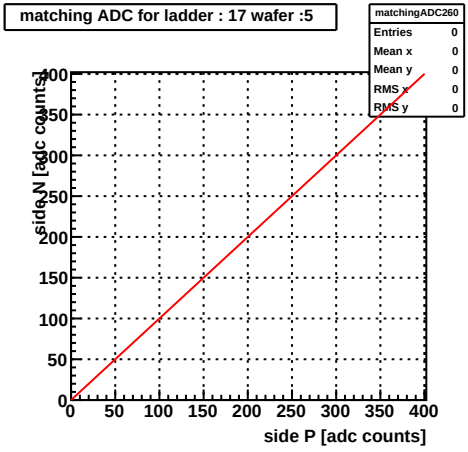

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

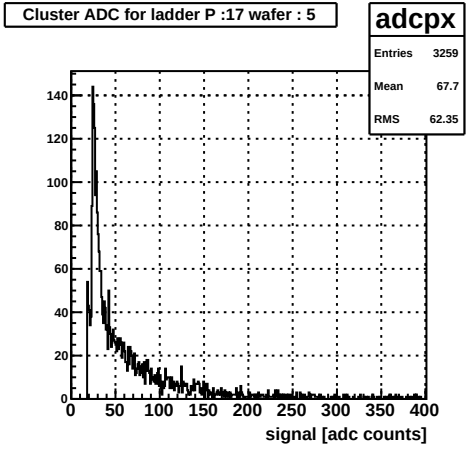

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 8074
Mean 40.75
RMS 45.42
signal [adc counts]

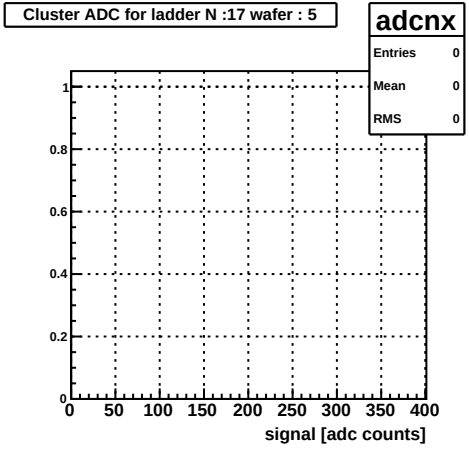

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

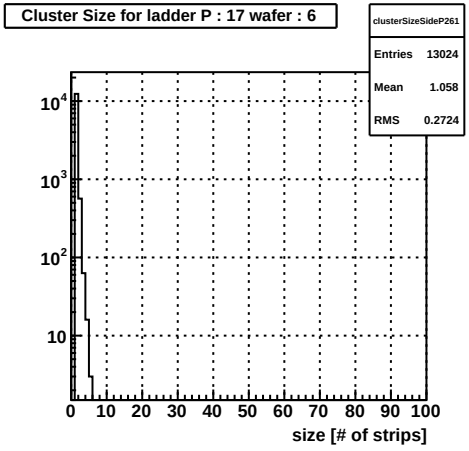

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3259
Mean 1.229
RMS 0.5477
size [# of strips]

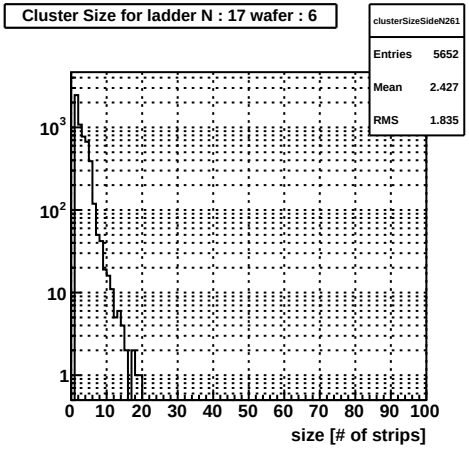

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

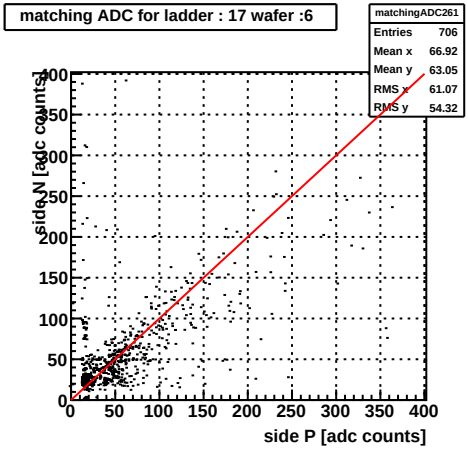

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

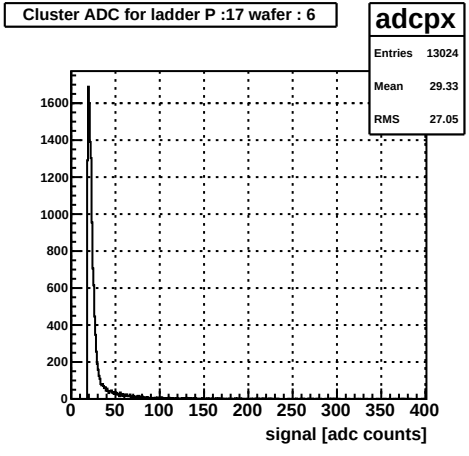

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3259
Mean 67.7
RMS 62.35
signal [adc counts]

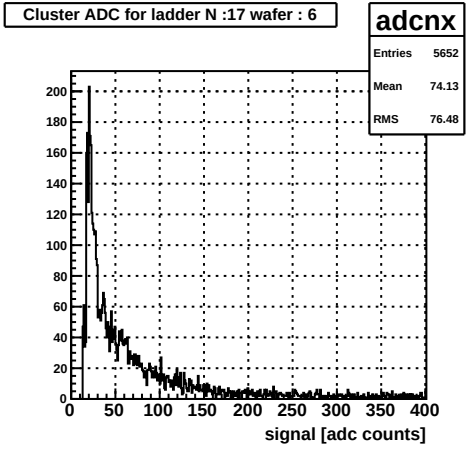

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

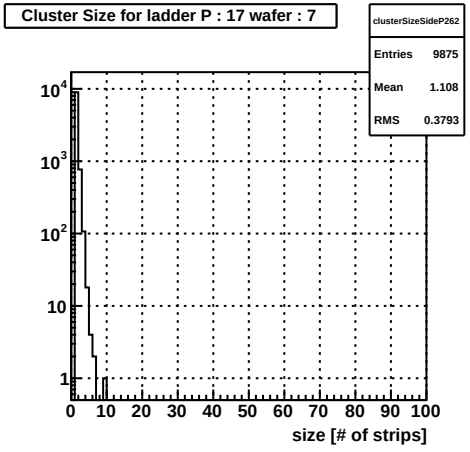

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 13024
Mean 1.058
RMS 0.2724
size [# of strips]

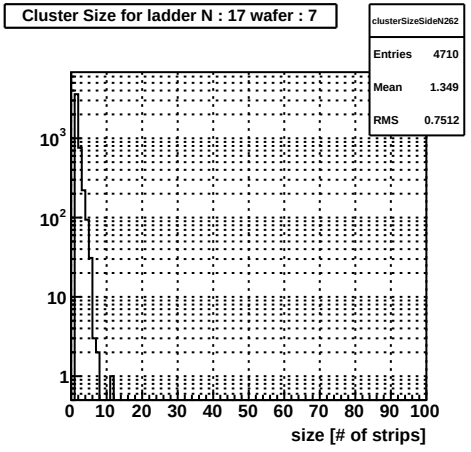

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 5652
Mean 2.427
RMS 1.835
size [# of strips]

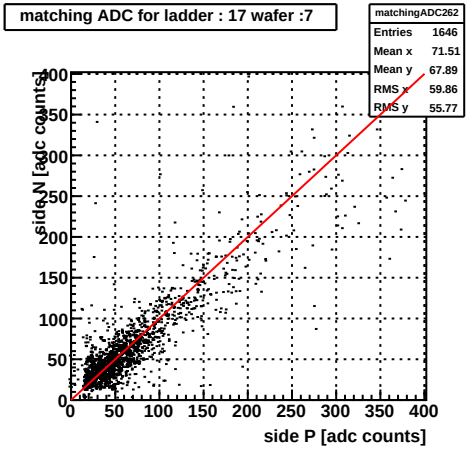

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 706
Mean x 66.92
Mean y 63.05
RMS x 61.07
RMS y 54.32
side N [adc counts]
side P [adc counts]

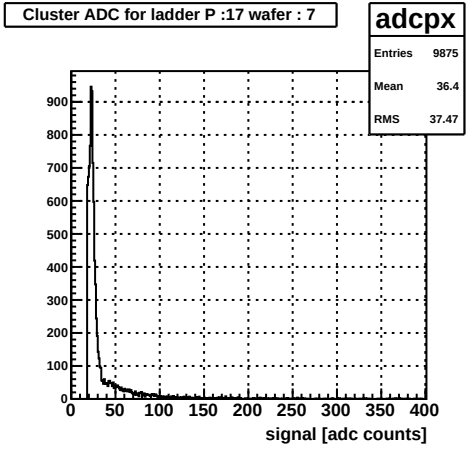

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 13024
Mean 29.33
RMS 27.05
signal [adc counts]

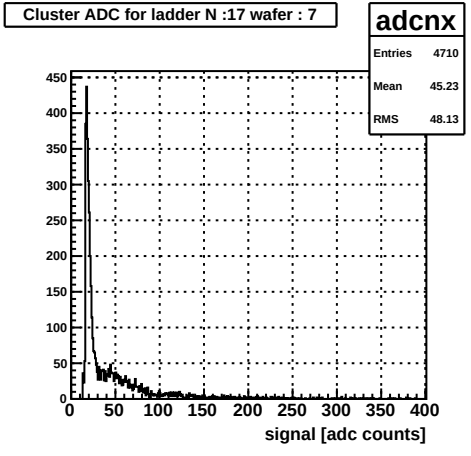

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 5652
Mean 74.13
RMS 76.48
signal [adc counts]

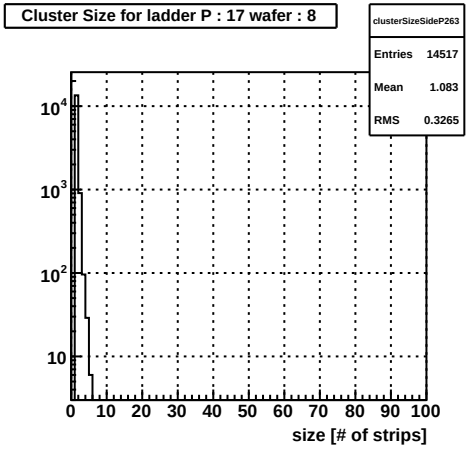

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 9875
Mean 1.108
RMS 0.3793
size [# of strips]

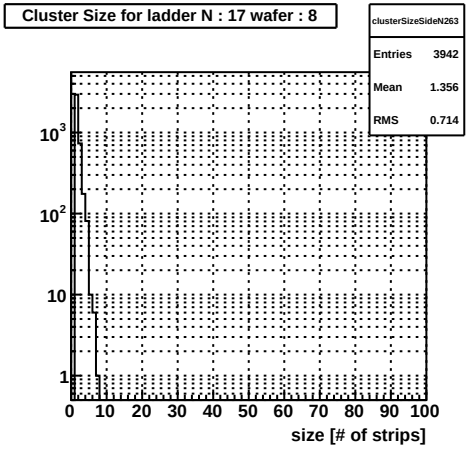

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 4710
Mean 1.349
RMS 0.7512
size [# of strips]

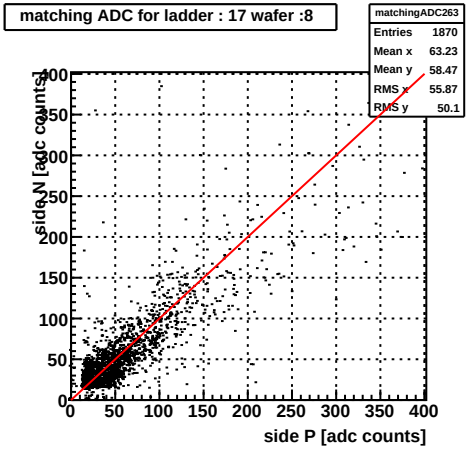

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1646
Mean x 71.51
Mean y 67.89
RMS x 59.86
RMS y 55.77
side N [adc counts]
side P [adc counts]

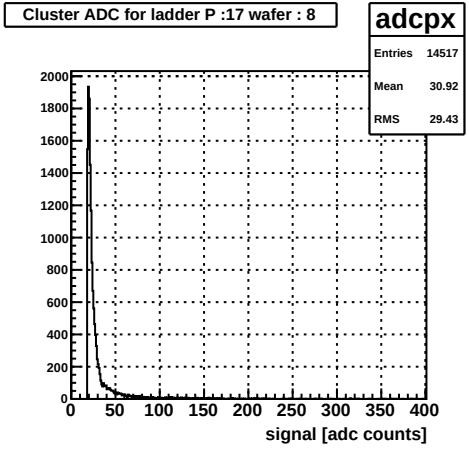

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 9875
Mean 36.4
RMS 37.47
signal [adc counts]

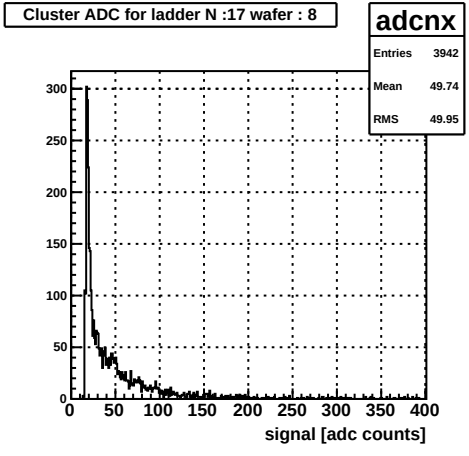

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 4710
Mean 45.23
RMS 48.13
signal [adc counts]

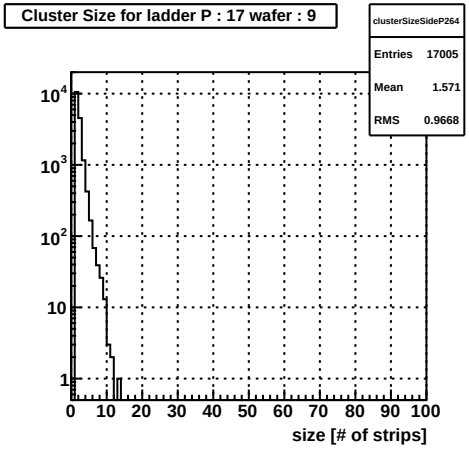

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 14517
Mean 1.083
RMS 0.3265
size [# of strips]

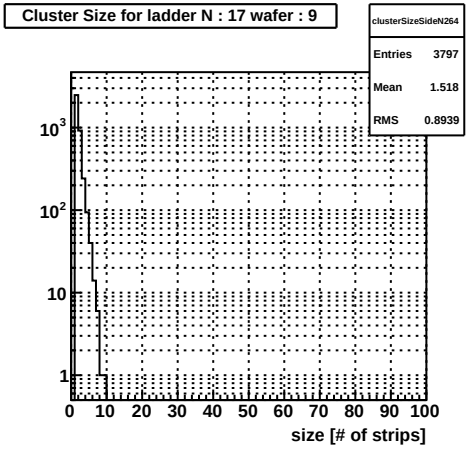

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 3942
Mean 1.356
RMS 0.714
size [# of strips]

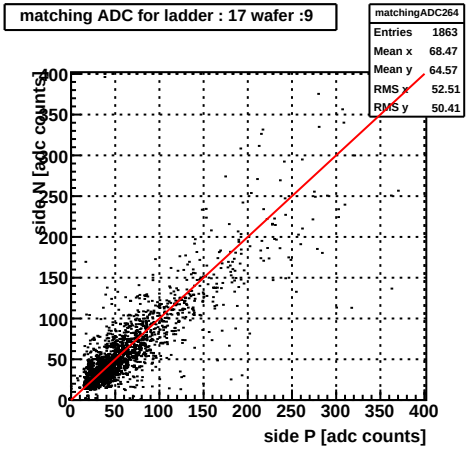

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1870
Mean x 63.23
Mean y 58.47
RMS x 55.87
RMS y 50.1
side N [adc counts]
side P [adc counts]

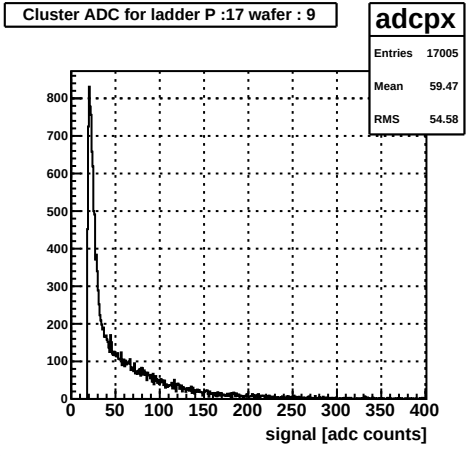

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 14517
Mean 30.92
RMS 29.43
signal [adc counts]

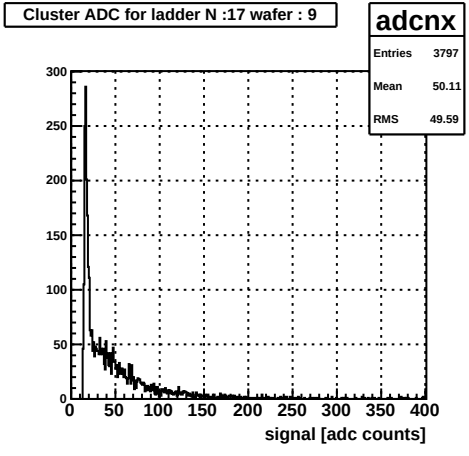

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 3942
Mean 49.74
RMS 49.95
signal [adc counts]

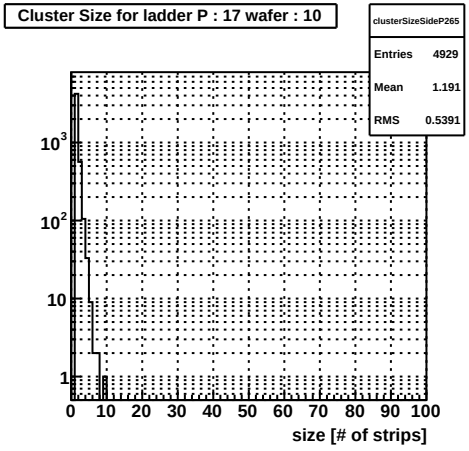

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 17005
Mean 1.571
RMS 0.9668
size [# of strips]

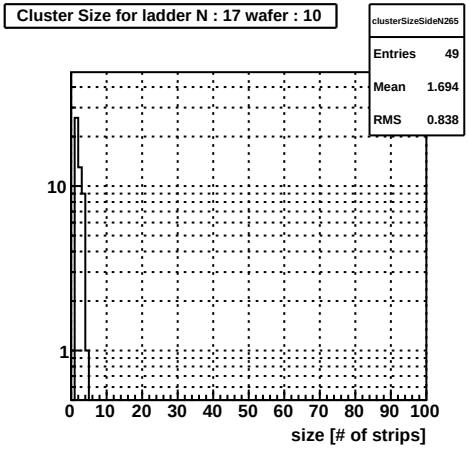

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 3797
Mean 1.518
RMS 0.8939
size [# of strips]

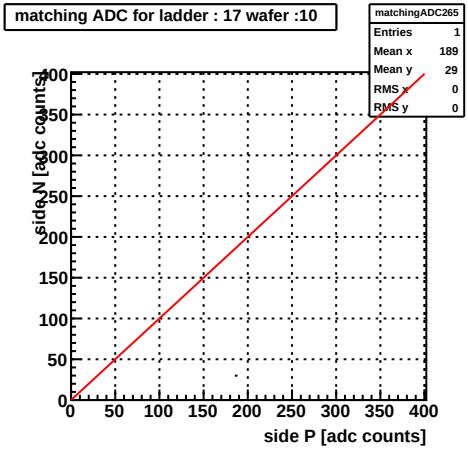

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1863
Mean x 68.47
Mean y 64.57
RMS x 52.51
RMS y 50.41
side N [adc counts]
side P [adc counts]

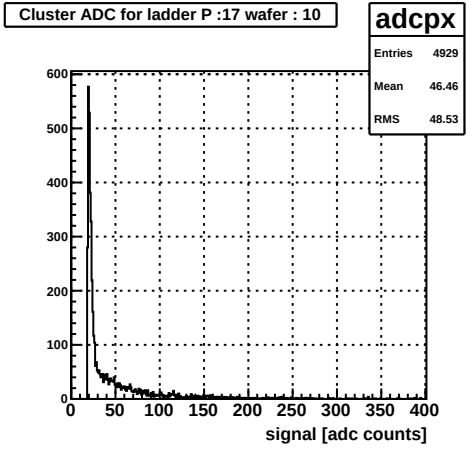

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 17005
Mean 59.47
RMS 54.58
signal [adc counts]

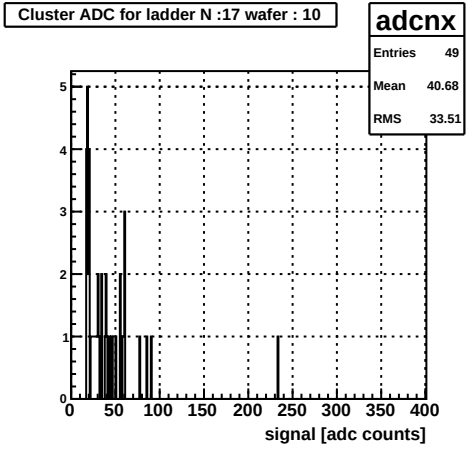

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 3797
Mean 50.11
RMS 49.59
signal [adc counts]

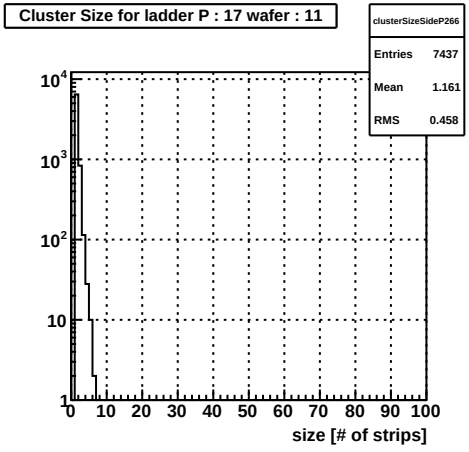

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 4929
Mean 1.191
RMS 0.5391
size [# of strips]

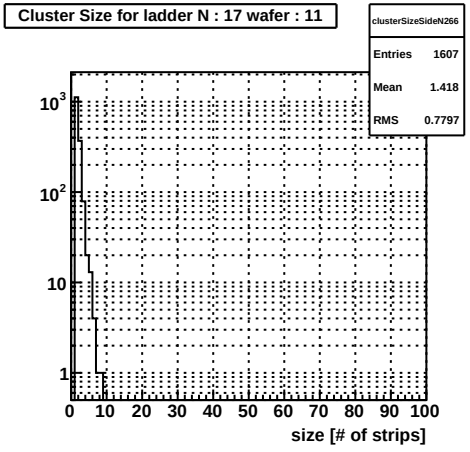

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 49
Mean 1.694
RMS 0.838
size [# of strips]

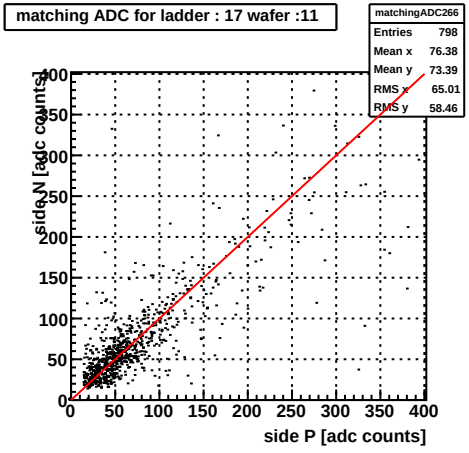

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 1
Mean x 189
Mean y 29
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

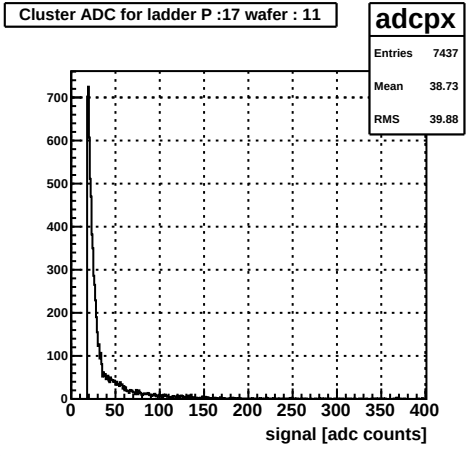

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 4929
Mean 46.46
RMS 48.53
signal [adc counts]

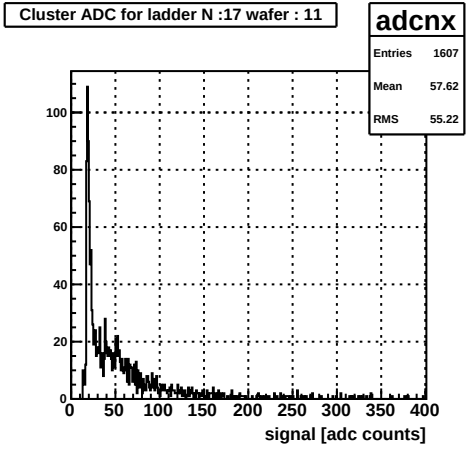

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 49
Mean 40.68
RMS 33.51
signal [adc counts]

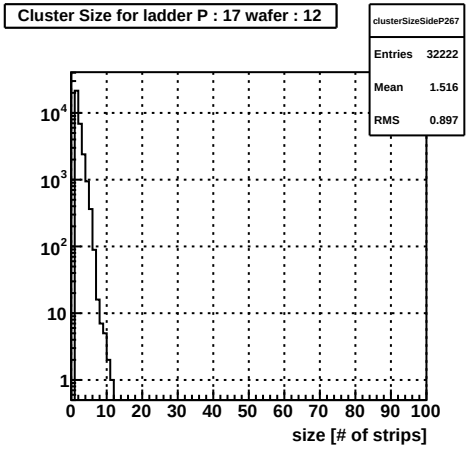

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 7437
Mean 1.161
RMS 0.458
size [# of strips]

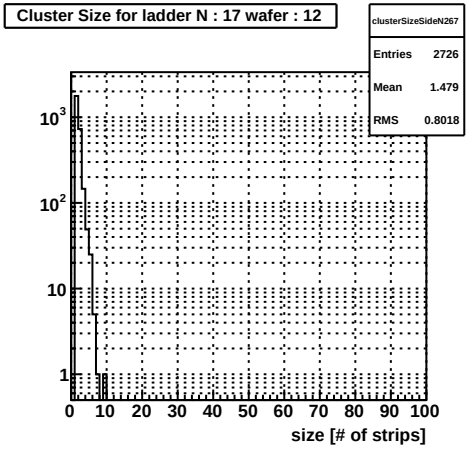

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1607
Mean 1.418
RMS 0.7797
size [# of strips]

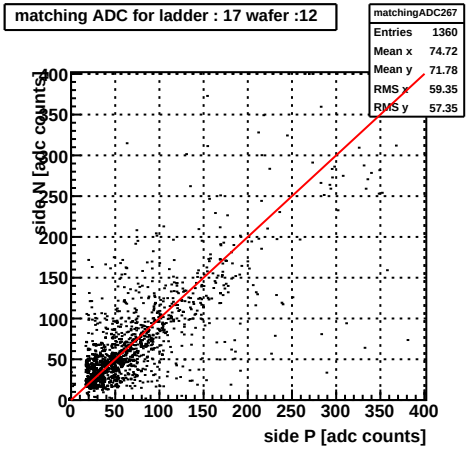

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 798
Mean x 76.38
Mean y 73.39
RMS x 65.01
RMS y 58.46
side N [adc counts]
side P [adc counts]

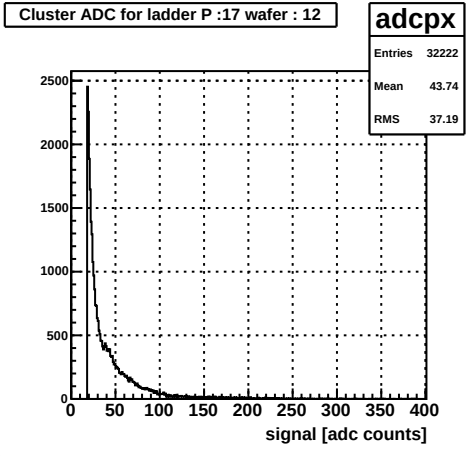

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 7437
Mean 38.73
RMS 39.88
signal [adc counts]

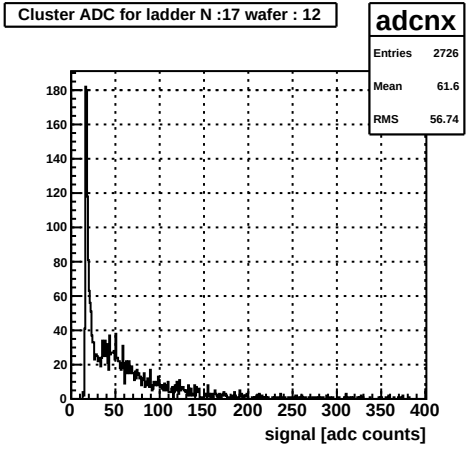

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1607
Mean 57.62
RMS 55.22
signal [adc counts]

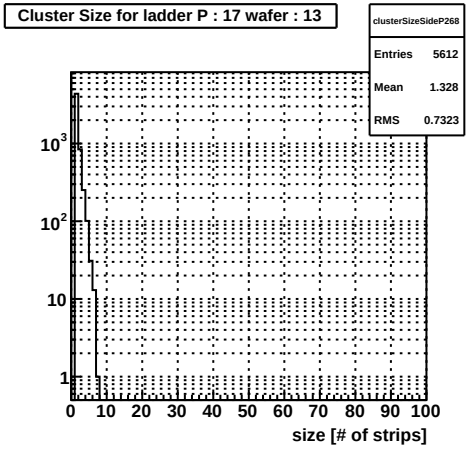

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 32222
Mean 1.516
RMS 0.897
size [# of strips]

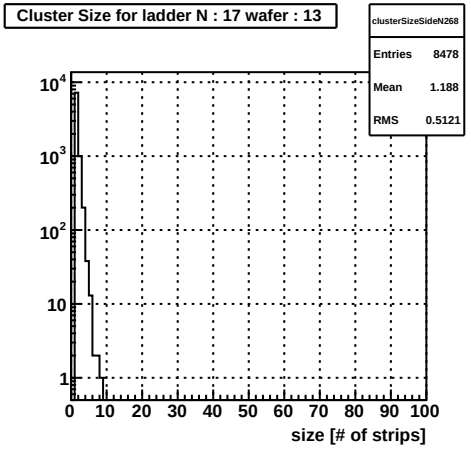

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2726
Mean 1.479
RMS 0.8018
size [# of strips]

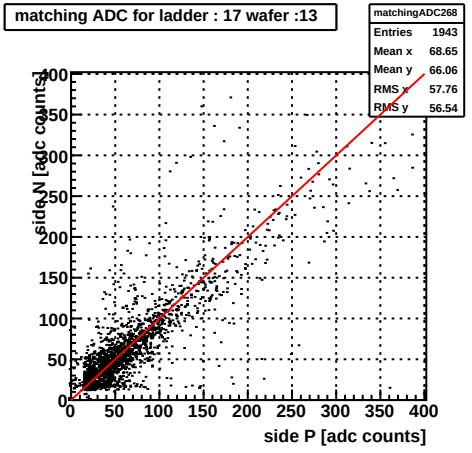

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1360
Mean x 74.72
Mean y 71.78
RMS x 59.35
RMS y 57.35
side N [adc counts]
side P [adc counts]

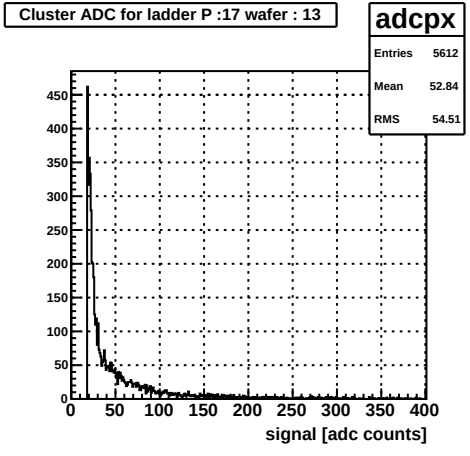

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 32222
Mean 43.74
RMS 37.19
signal [adc counts]

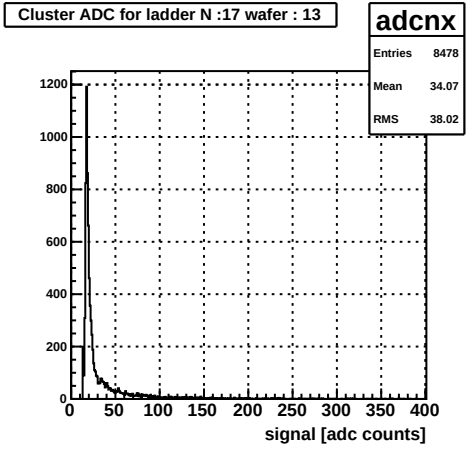

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2726
Mean 61.6
RMS 56.74
signal [adc counts]

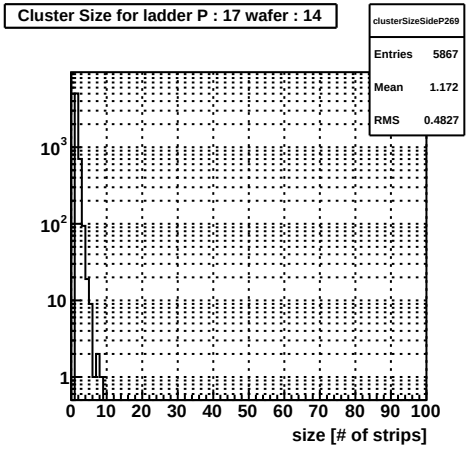

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 5612
Mean 1.328
RMS 0.7323
size [# of strips]

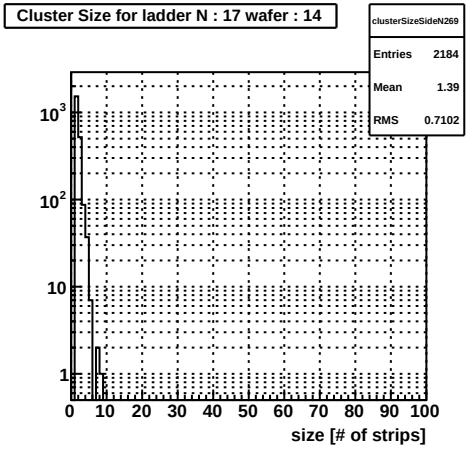

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 8478
Mean 1.188
RMS 0.5121
size [# of strips]

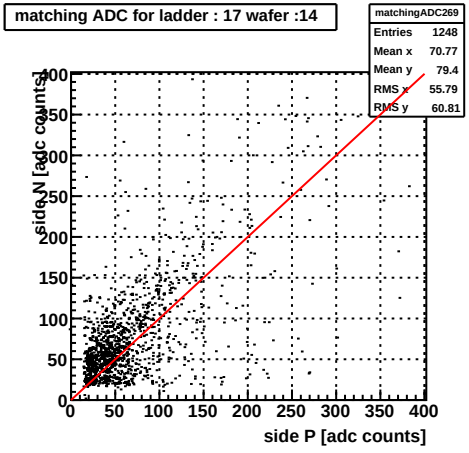

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1943
Mean x 68.65
Mean y 66.06
RMS x 57.76
RMS y 56.54
side N [adc counts]
side P [adc counts]

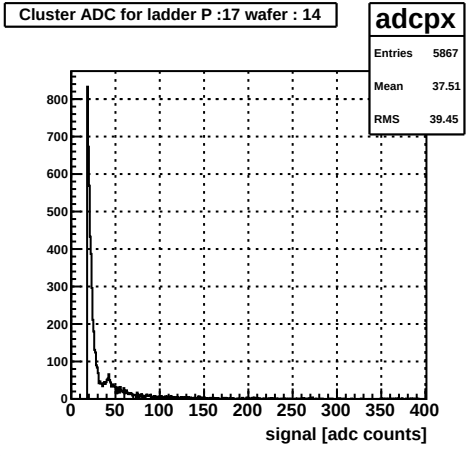

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 5612
Mean 52.84
RMS 54.51
signal [adc counts]

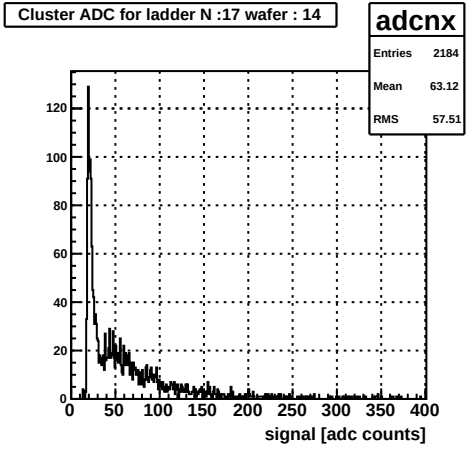

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 8478
Mean 34.07
RMS 38.02
signal [adc counts]

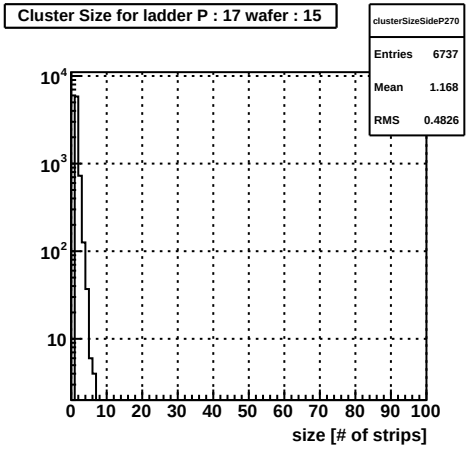

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 5867
Mean 1.172
RMS 0.4827
size [# of strips]

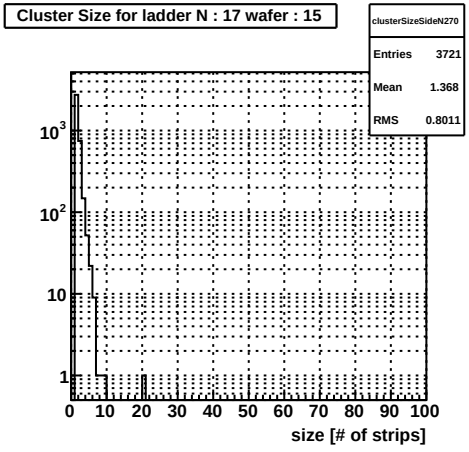

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2184
Mean 1.39
RMS 0.7102
size [# of strips]

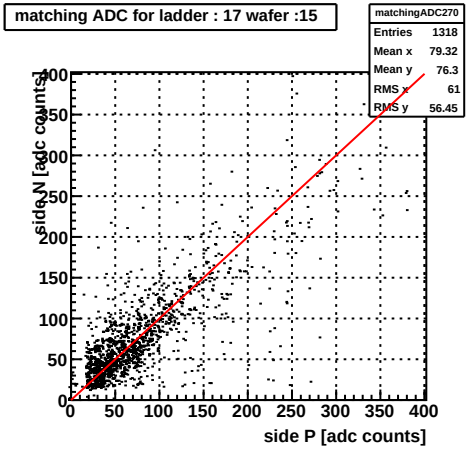

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1248
Mean x 70.77
Mean y 79.4
RMS x 55.79
RMS y 60.81
side N [adc counts]
side P [adc counts]

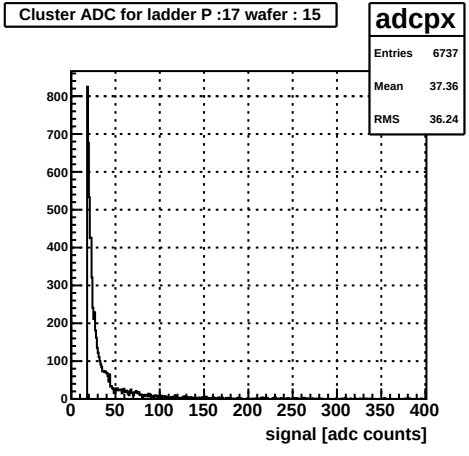

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 5867
Mean 37.51
RMS 39.45
signal [adc counts]

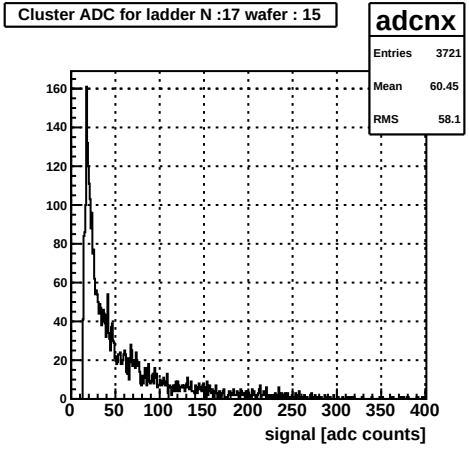

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2184
Mean 63.12
RMS 57.51
signal [adc counts]

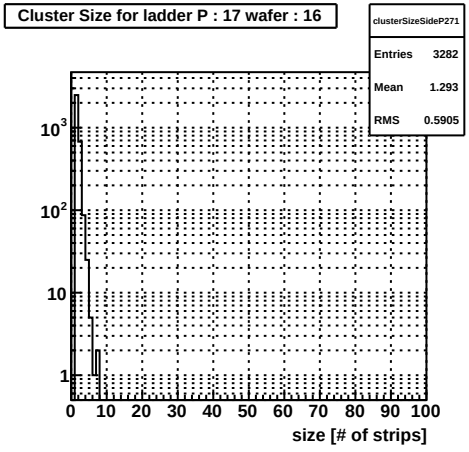

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 6737
Mean 1.168
RMS 0.4826
size [# of strips]

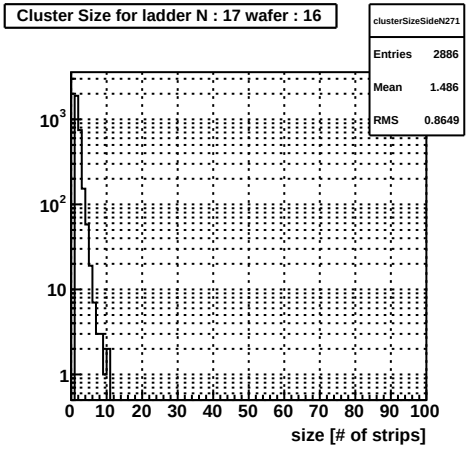

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3721
Mean 1.368
RMS 0.8011
size [# of strips]

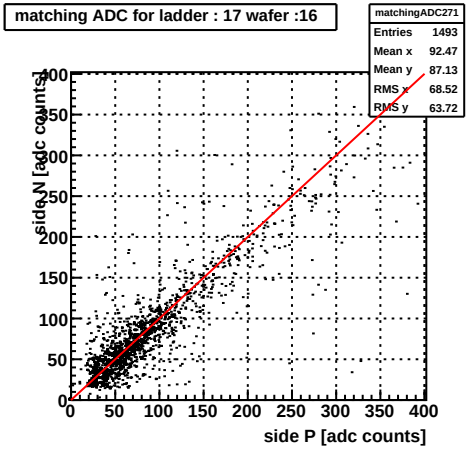

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1318
Mean x 79.32
Mean y 76.3
RMS x 61
RMS y 56.45
side N [adc counts]
side P [adc counts]

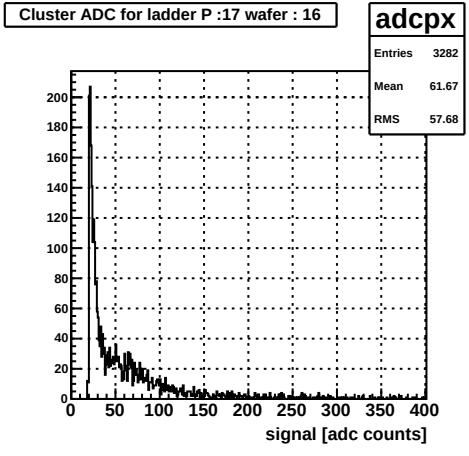

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 6737
Mean 37.36
RMS 36.24
signal [adc counts]

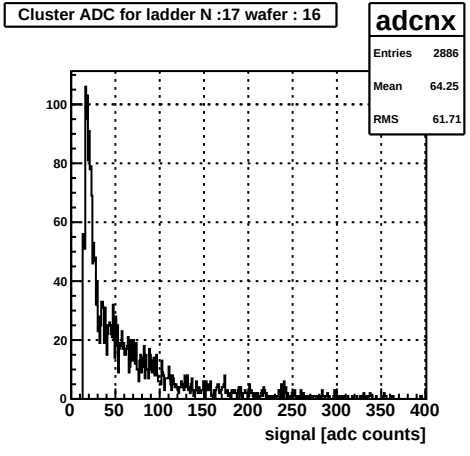

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3721
Mean 60.45
RMS 58.1
signal [adc counts]

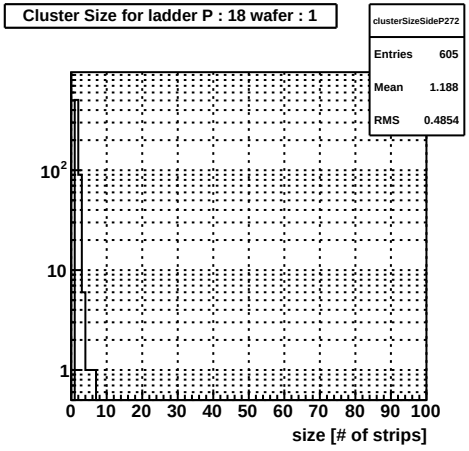

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3282
Mean 1.293
RMS 0.5905
size [# of strips]

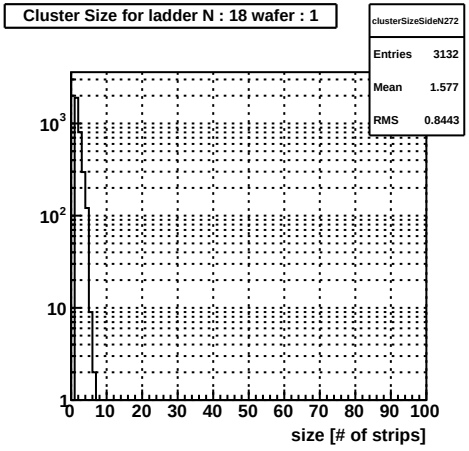

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2886
Mean 1.486
RMS 0.8649
size [# of strips]

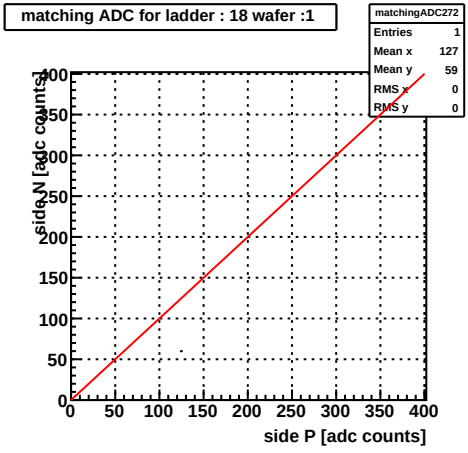

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1493
Mean x 92.47
Mean y 87.13
RMS x 68.52
RMS y 63.72
side N [adc counts]
side P [adc counts]

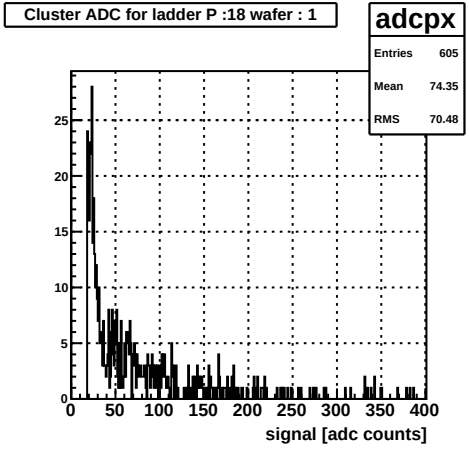

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3282
Mean 61.67
RMS 57.68
signal [adc counts]

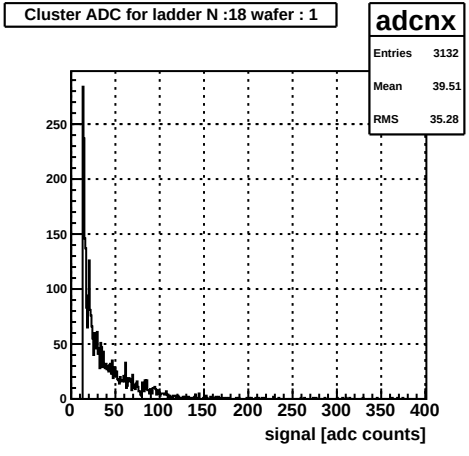

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2886
Mean 64.25
RMS 61.71
signal [adc counts]

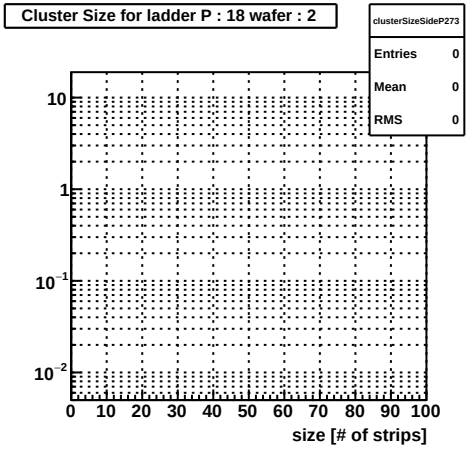

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 605
Mean 1.188
RMS 0.4854
size [# of strips]

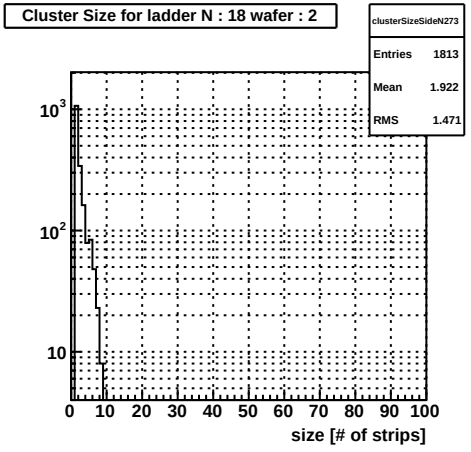

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3132
Mean 1.577
RMS 0.8443
size [# of strips]

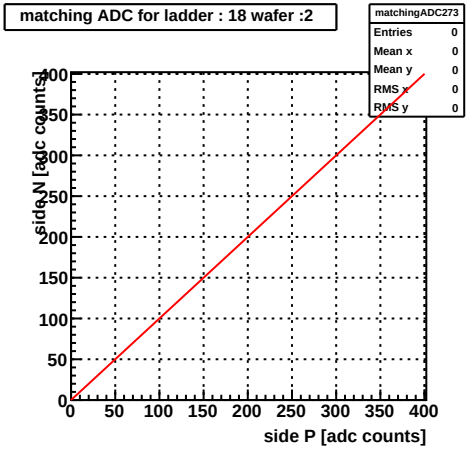

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 1
Mean x 127
Mean y 59
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

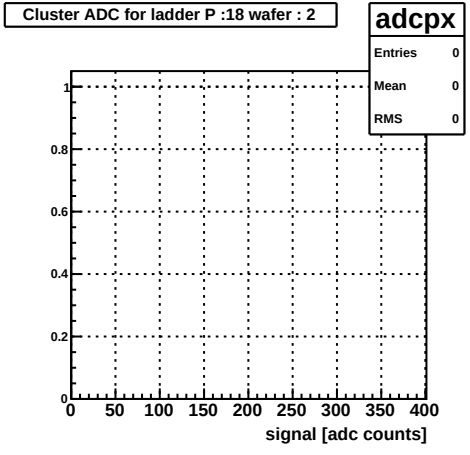

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 605
Mean 74.35
RMS 70.48
signal [adc counts]

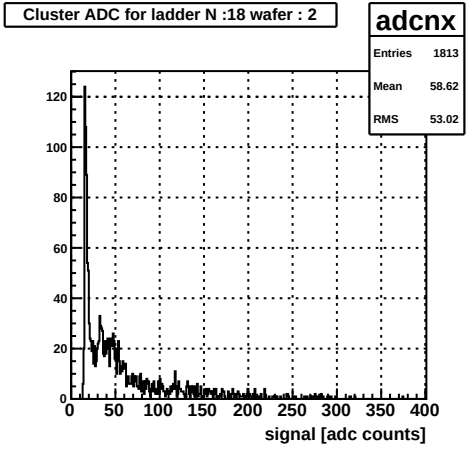

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3132
Mean 39.51
RMS 35.28
signal [adc counts]

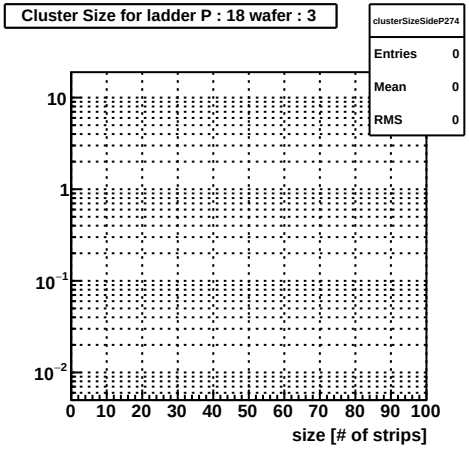

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

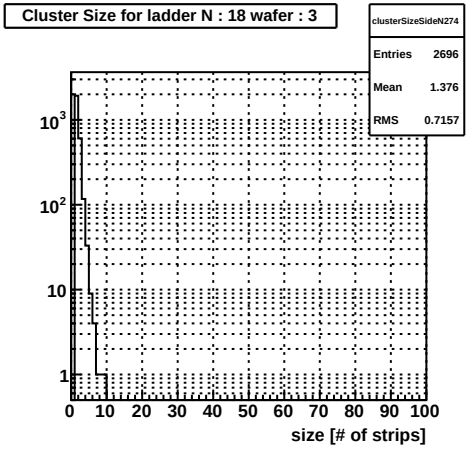

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1813
Mean 1.922
RMS 1.471
size [# of strips]

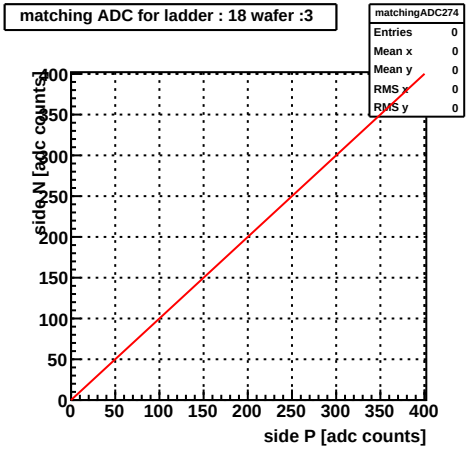

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

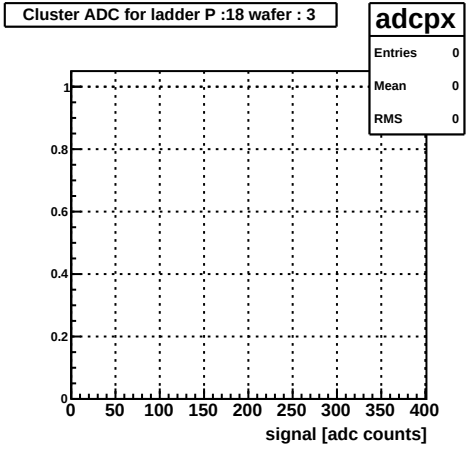

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

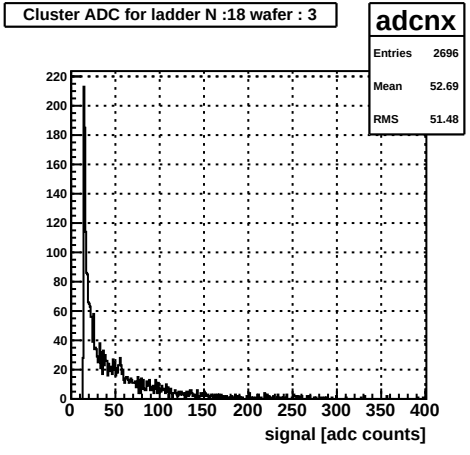

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1813
Mean 58.62
RMS 53.02
signal [adc counts]

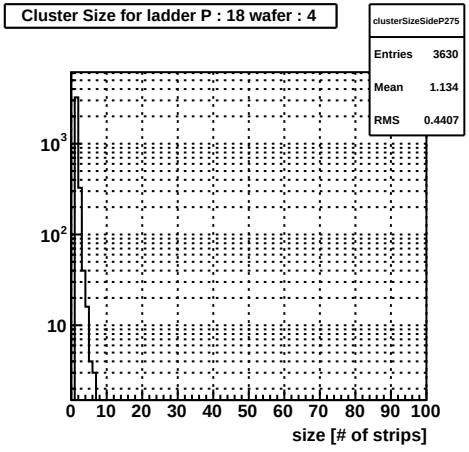

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

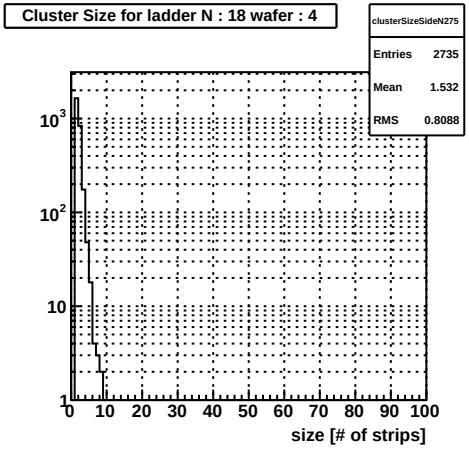

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2696
Mean 1.376
RMS 0.7157
size [# of strips]

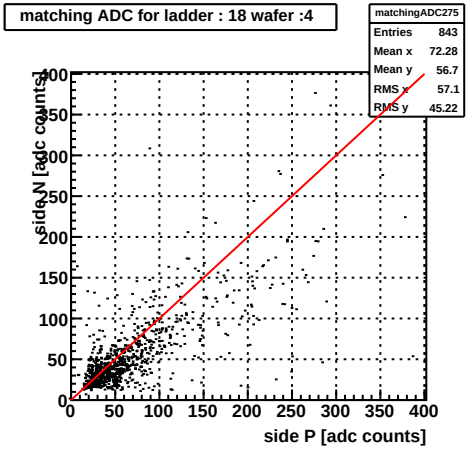

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

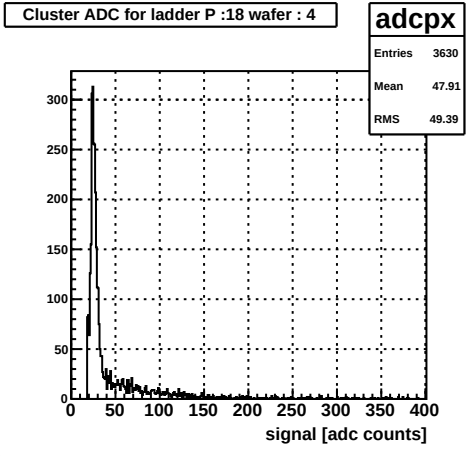

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

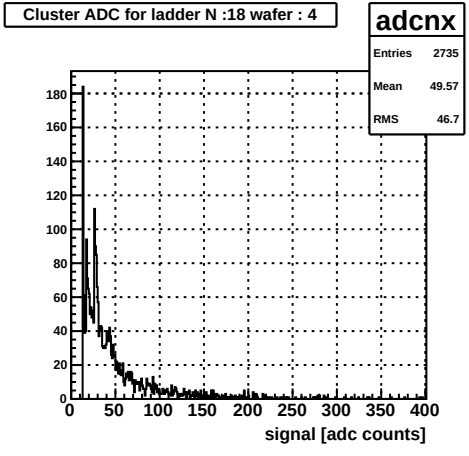

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2696
Mean 52.69
RMS 51.48
signal [adc counts]

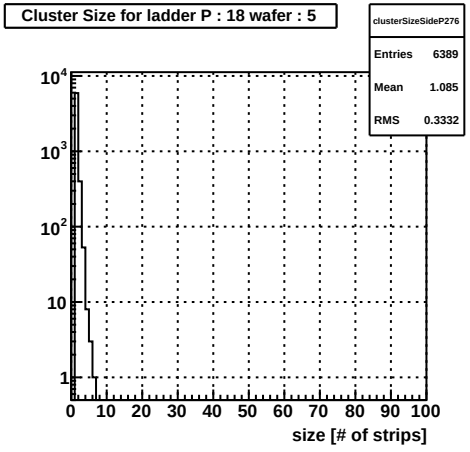

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 3630
Mean 1.134
RMS 0.4407
size [# of strips]

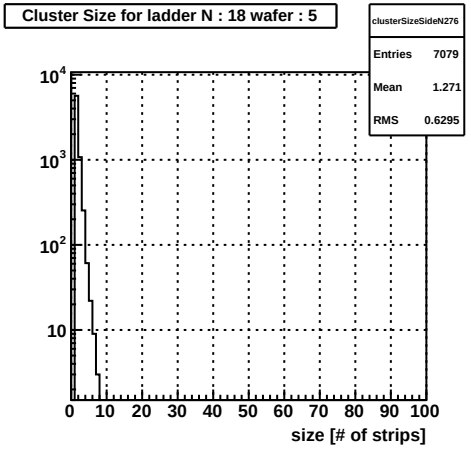

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2735
Mean 1.532
RMS 0.8088
size [# of strips]

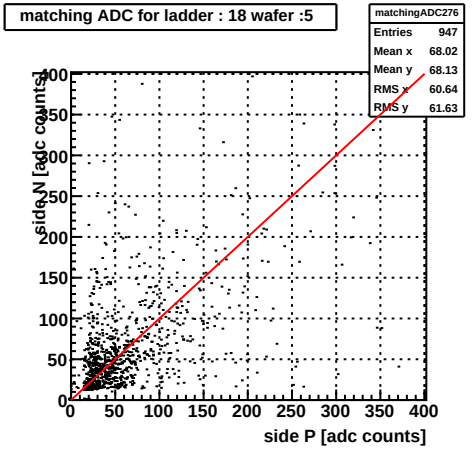

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 843
Mean x 72.28
Mean y 56.7
RMS x 57.1
RMS y 45.22
side N [adc counts]
side P [adc counts]

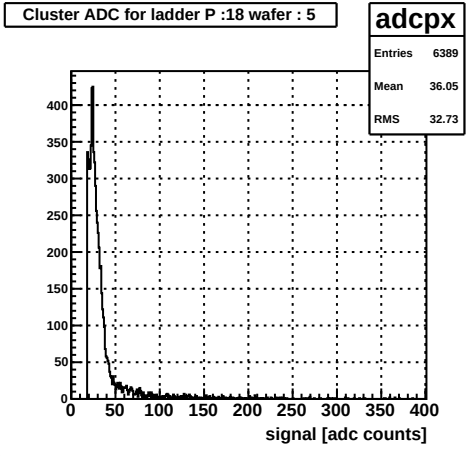

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 3630
Mean 47.91
RMS 49.39
signal [adc counts]

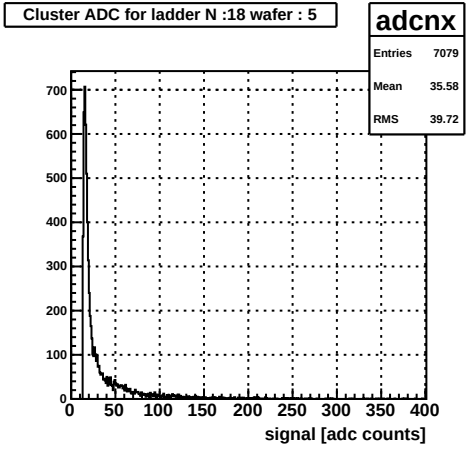

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2735
Mean 49.57
RMS 46.7
signal [adc counts]

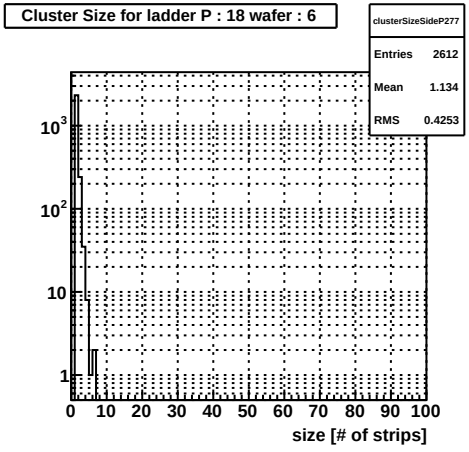

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 6389
Mean 1.085
RMS 0.3332
size [# of strips]

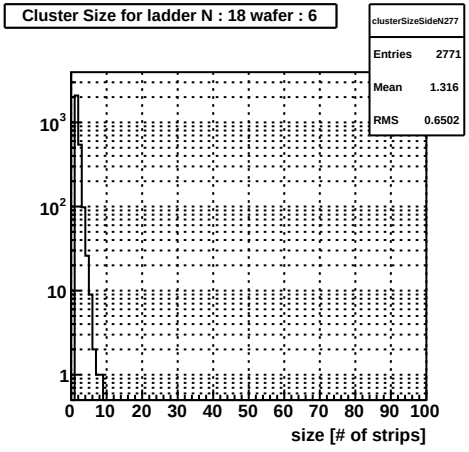

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7079
Mean 1.271
RMS 0.6295
size [# of strips]

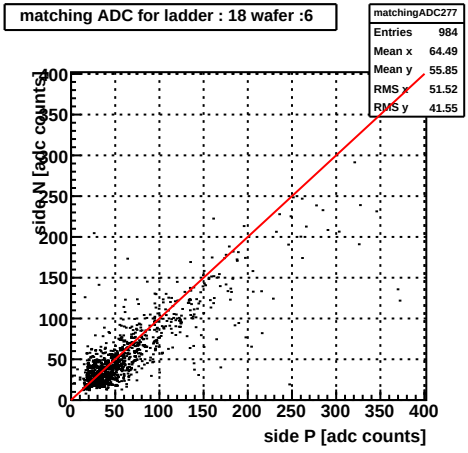

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 947
Mean x 68.02
Mean y 68.13
RMS x 60.64
RMS y 61.63
side N [adc counts]
side P [adc counts]

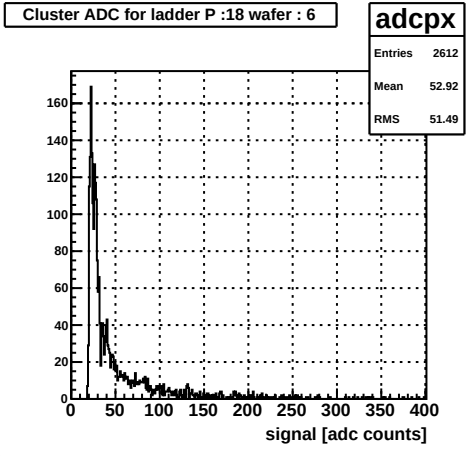

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 6389
Mean 36.05
RMS 32.73
signal [adc counts]

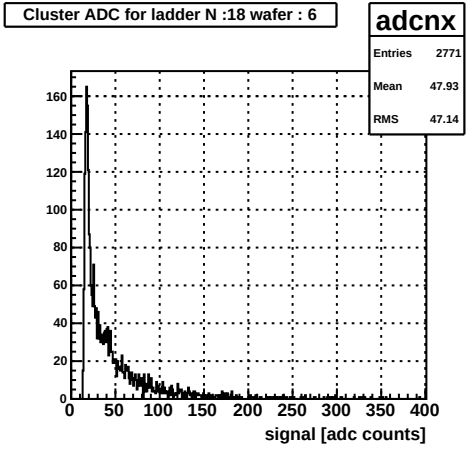

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7079
Mean 35.58
RMS 39.72
signal [adc counts]

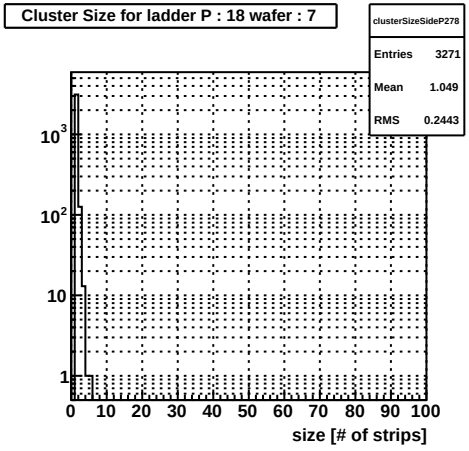

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 2612
Mean 1.134
RMS 0.4253
size [# of strips]

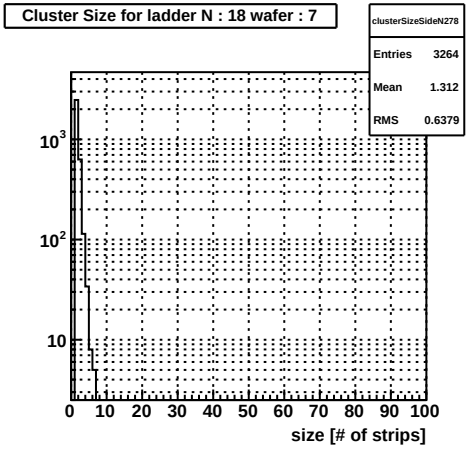

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 2771
Mean 1.316
RMS 0.6502
size [# of strips]

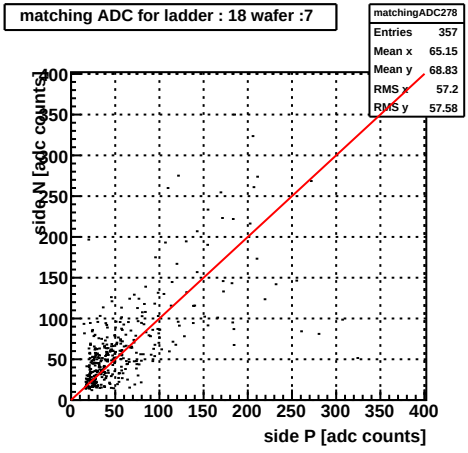

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 984
Mean x 64.49
Mean y 55.85
RMS x 51.52
RMS y 41.55
side N [adc counts]
side P [adc counts]

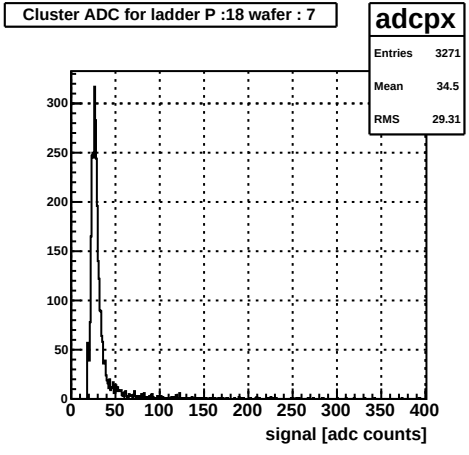

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 2612
Mean 52.92
RMS 51.49
signal [adc counts]

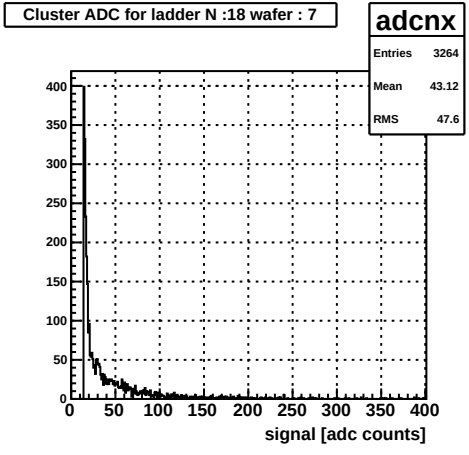

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 2771
Mean 47.93
RMS 47.14
signal [adc counts]

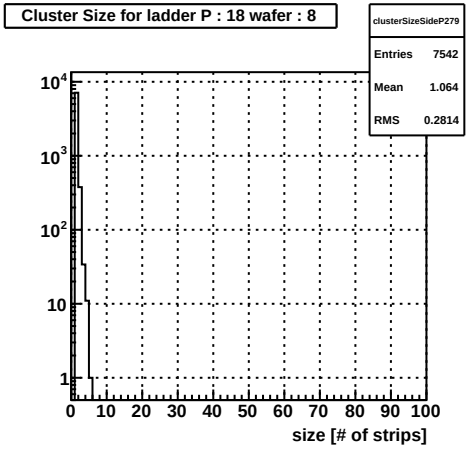

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3271
Mean 1.049
RMS 0.2443
size [# of strips]

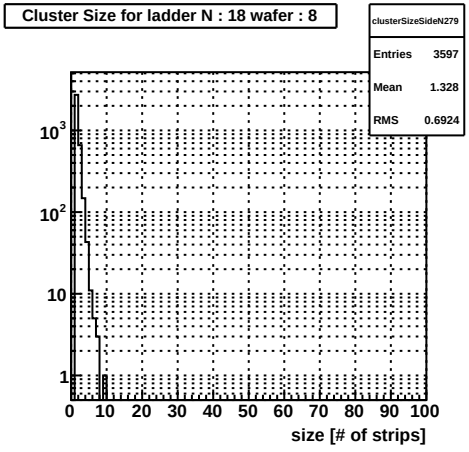

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3264
Mean 1.312
RMS 0.6379
size [# of strips]

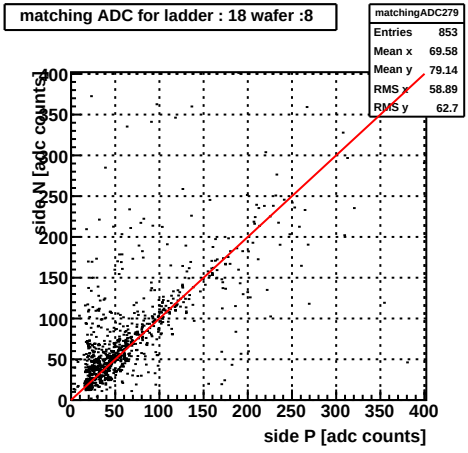

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 357
Mean x 65.15
Mean y 68.83
RMS x 57.2
RMS y 57.58
side N [adc counts]
side P [adc counts]

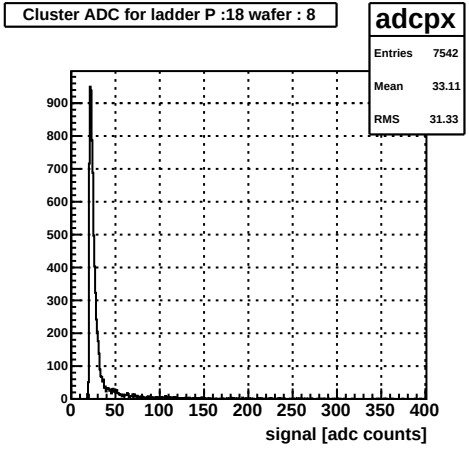

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3271
Mean 34.5
RMS 29.31
signal [adc counts]

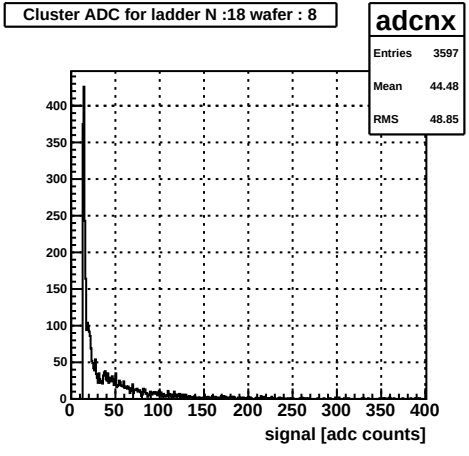

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3264
Mean 43.12
RMS 47.6
signal [adc counts]

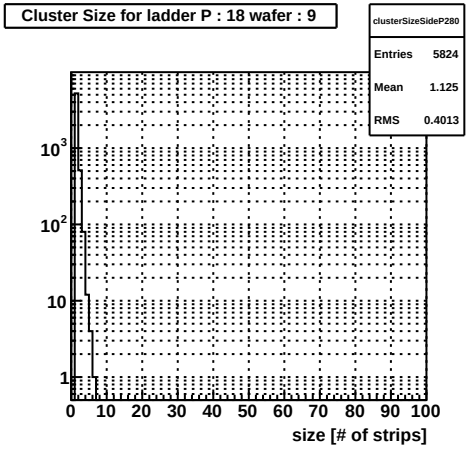

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 7542
Mean 1.064
RMS 0.2814
size [# of strips]

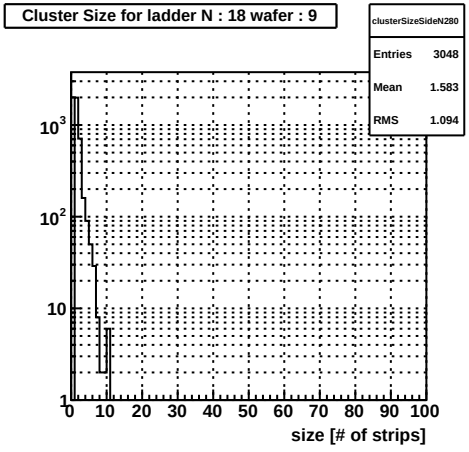

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3597
Mean 1.328
RMS 0.6924
size [# of strips]

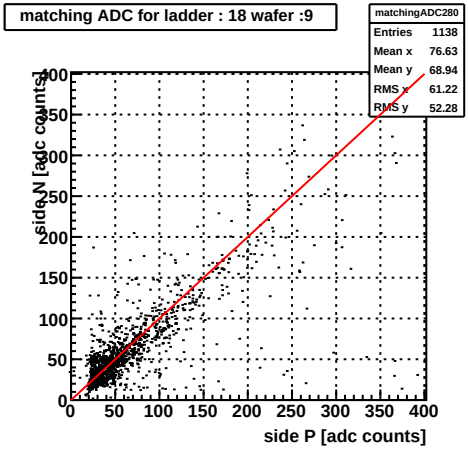

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 853
Mean x 69.58
Mean y 79.14
RMS x 58.89
RMS y 62.7
side N [adc counts]
side P [adc counts]

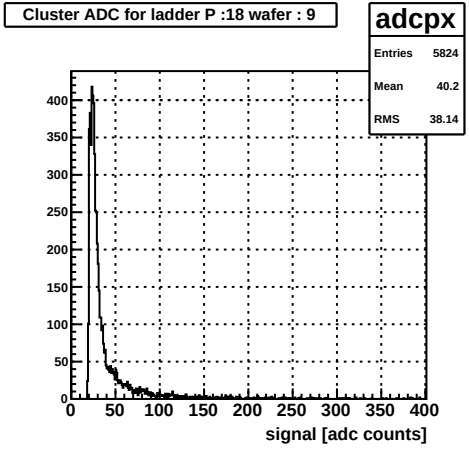

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 7542
Mean 33.11
RMS 31.33
signal [adc counts]

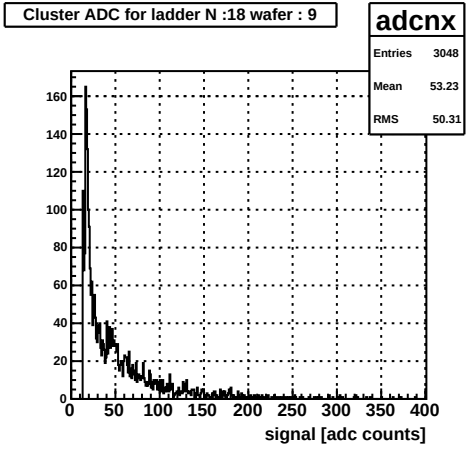

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3597
Mean 44.48
RMS 48.85
signal [adc counts]

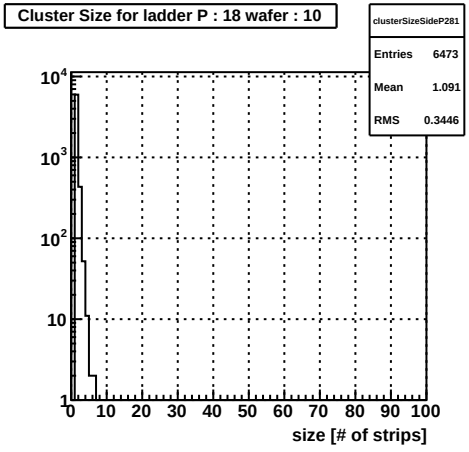

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 5824
Mean 1.125
RMS 0.4013
size [# of strips]

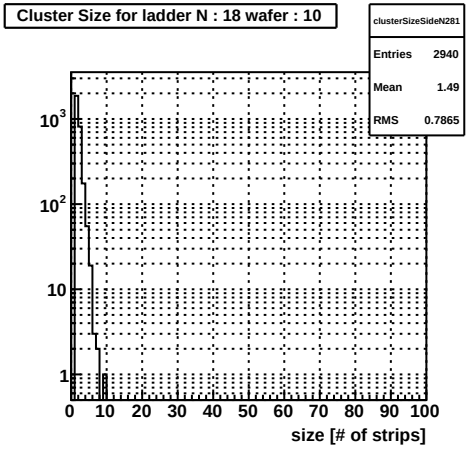

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 3048
Mean 1.583
RMS 1.094
size [# of strips]

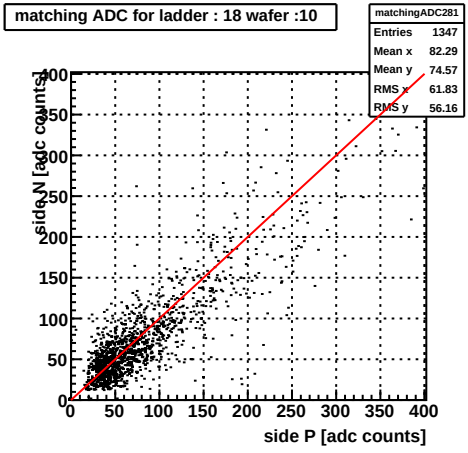

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1138
Mean x 76.63
Mean y 68.94
RMS x 61.22
RMS y 52.28
side N [adc counts]
side P [adc counts]

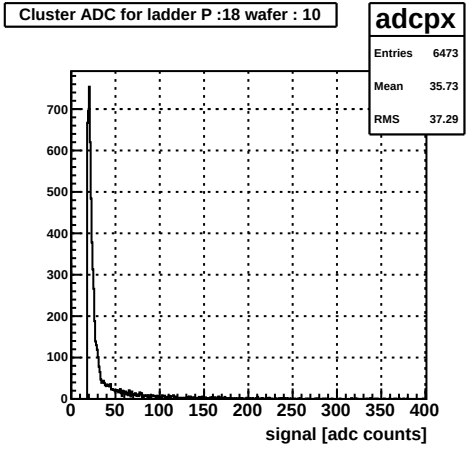

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 5824
Mean 40.2
RMS 38.14
signal [adc counts]

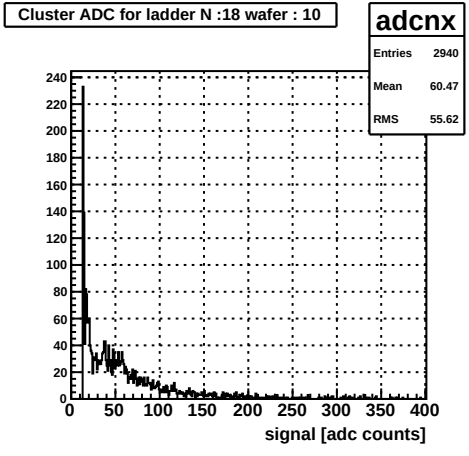

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 3048
Mean 53.23
RMS 50.31
signal [adc counts]

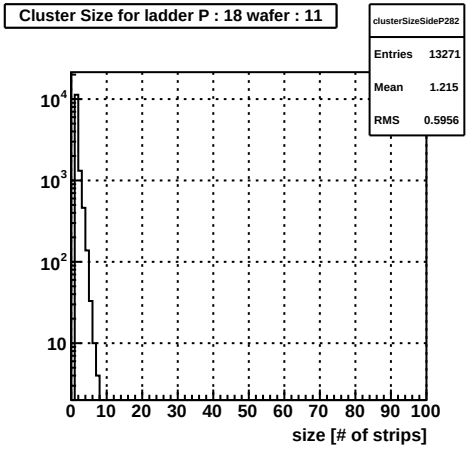

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 6473
Mean 1.091
RMS 0.3446
size [# of strips]

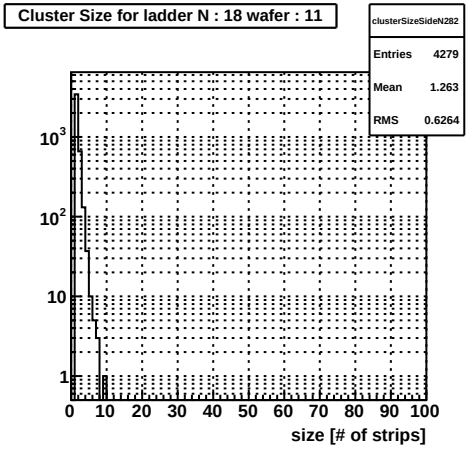

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 2940
Mean 1.49
RMS 0.7865
size [# of strips]

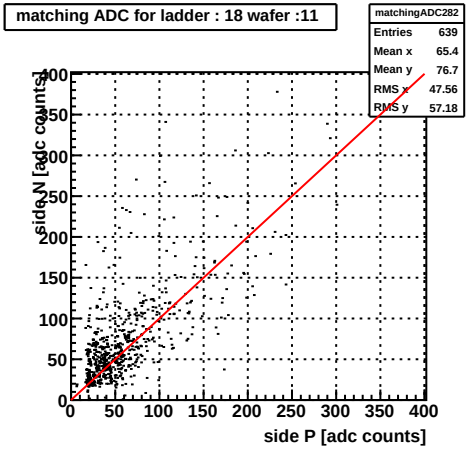

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1347
Mean x 82.29
Mean y 74.57
RMS x 61.83
RMS y 56.16
side N [adc counts]
side P [adc counts]

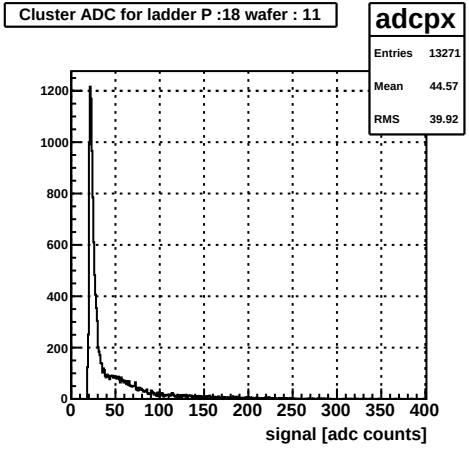

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 6473
Mean 35.73
RMS 37.29
signal [adc counts]

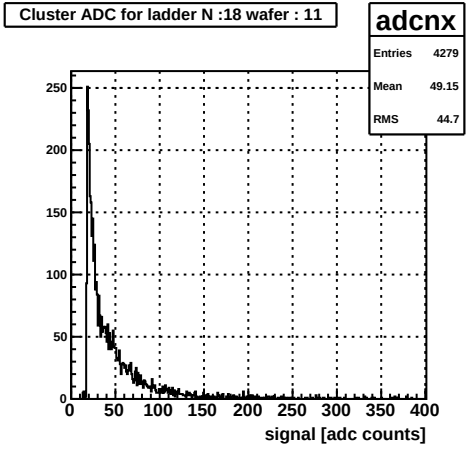

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 2940
Mean 60.47
RMS 55.62
signal [adc counts]

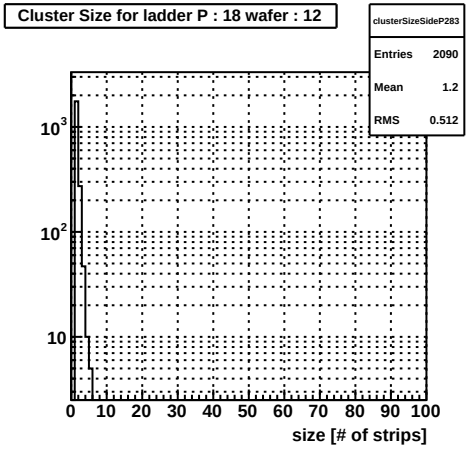

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 13271
Mean 1.215
RMS 0.5956
size [# of strips]

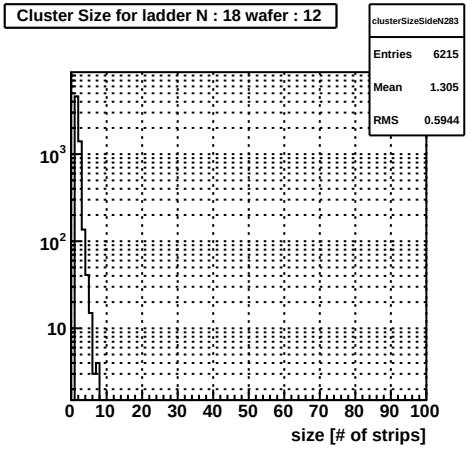

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 4279
Mean 1.263
RMS 0.6264
size [# of strips]

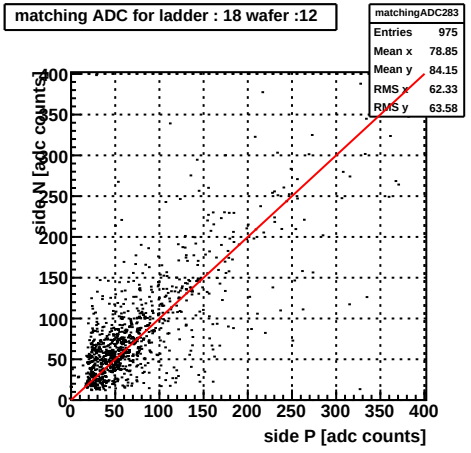

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 639
Mean x 65.4
Mean y 76.7
RMS x 47.56
RMS y 57.18
side N [adc counts]
side P [adc counts]

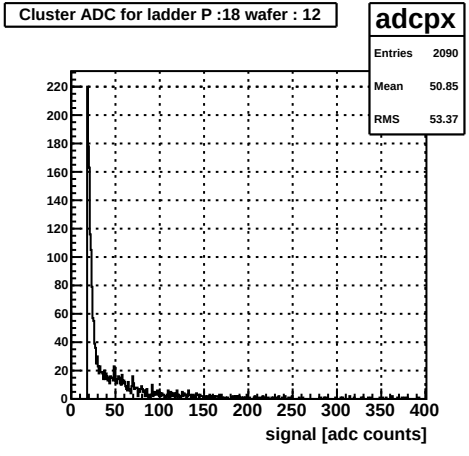

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 13271
Mean 44.57
RMS 39.92
signal [adc counts]

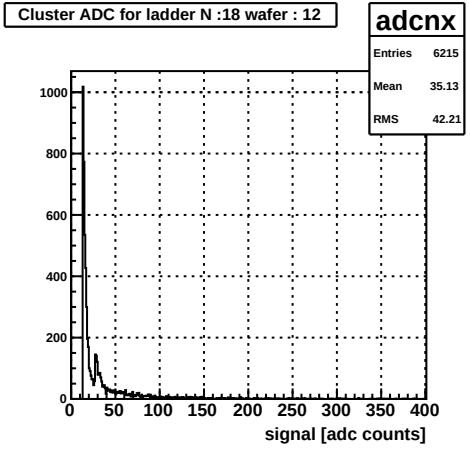

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 4279
Mean 49.15
RMS 44.7
signal [adc counts]

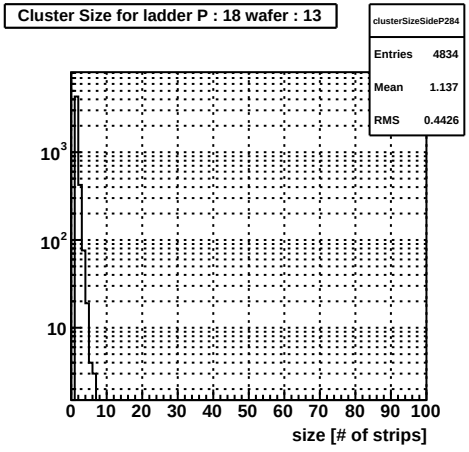

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2090
Mean 1.2
RMS 0.512
size [# of strips]

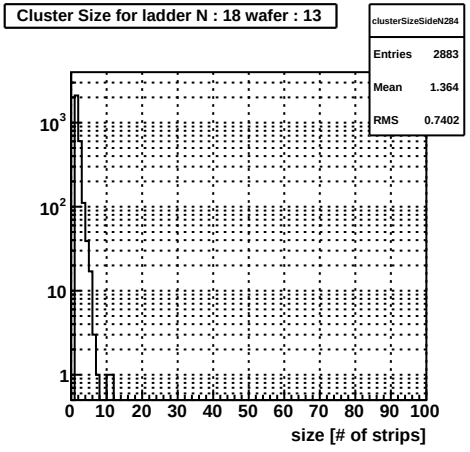

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 6215
Mean 1.305
RMS 0.5944
size [# of strips]

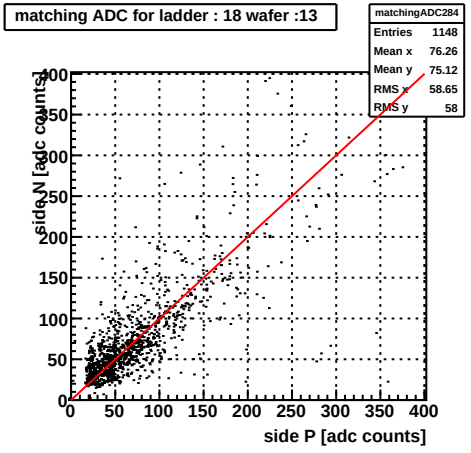

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 975
Mean x 78.85
Mean y 84.15
RMS x 62.33
RMS y 63.58
side N [adc counts]
side P [adc counts]

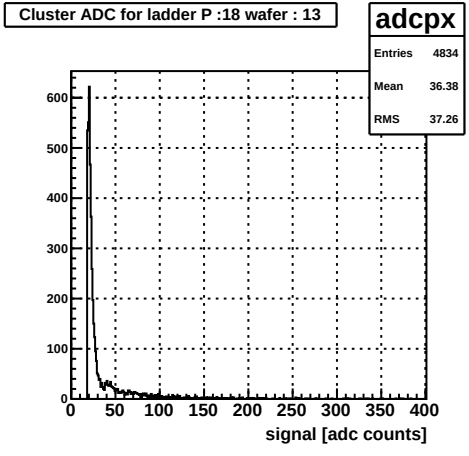

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2090
Mean 50.85
RMS 53.37
signal [adc counts]

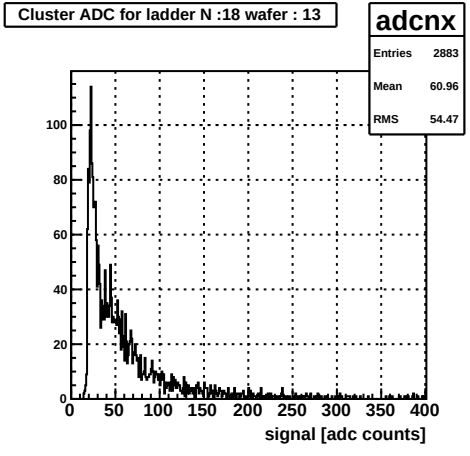

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 6215
Mean 35.13
RMS 42.21
signal [adc counts]

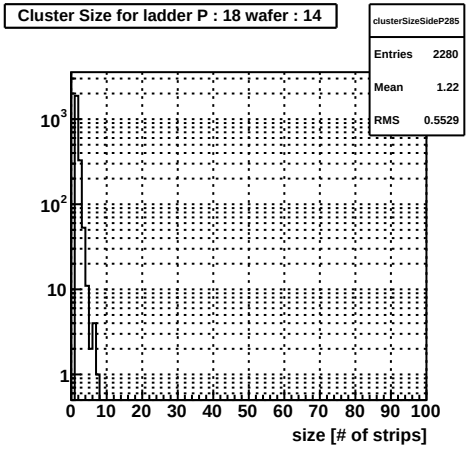

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 4834
Mean 1.137
RMS 0.4426
size [# of strips]

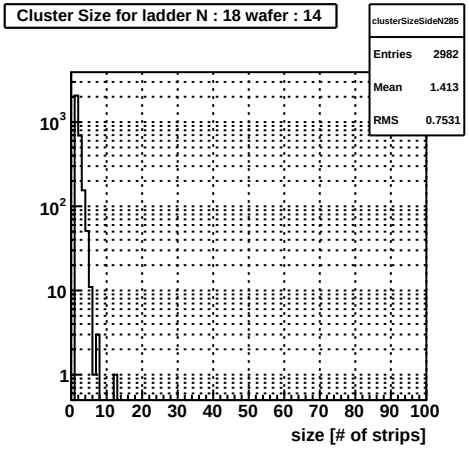

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2883
Mean 1.364
RMS 0.7402
size [# of strips]

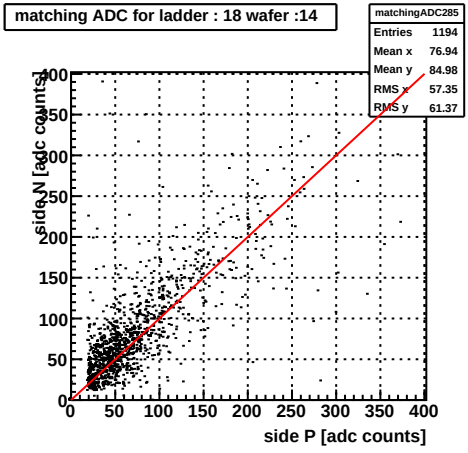

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1148
Mean x 76.26
Mean y 75.12
RMS x 58.65
RMS y 58
side N [adc counts]
side P [adc counts]

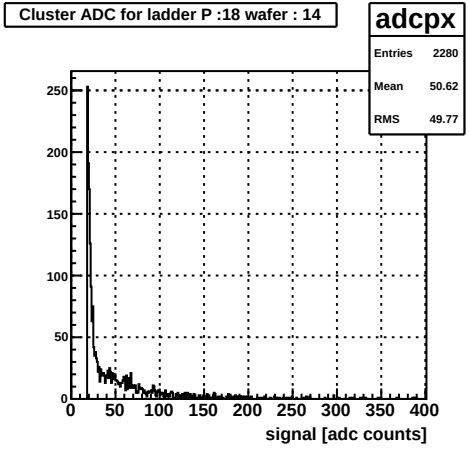

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 4834
Mean 36.38
RMS 37.26
signal [adc counts]

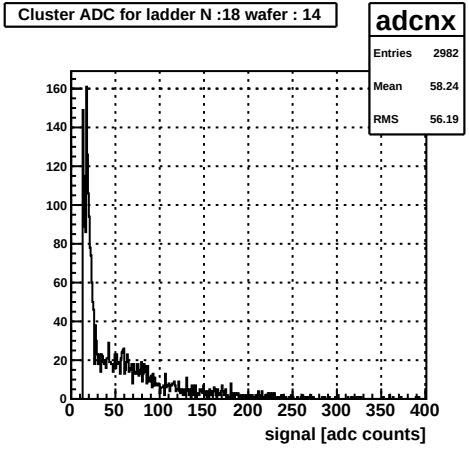

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2883
Mean 60.96
RMS 54.47
signal [adc counts]

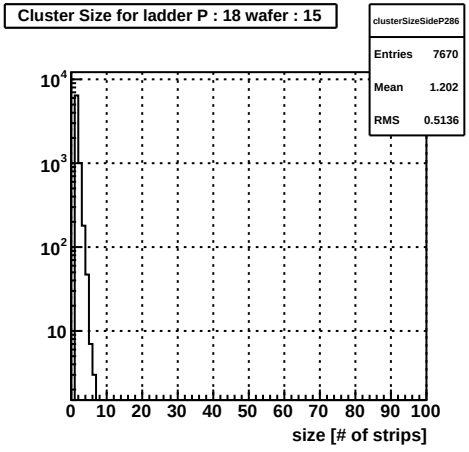

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2280
Mean 1.22
RMS 0.5529
size [# of strips]

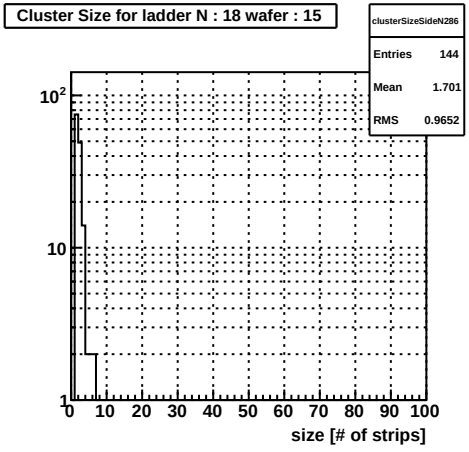

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2982
Mean 1.413
RMS 0.7531
size [# of strips]

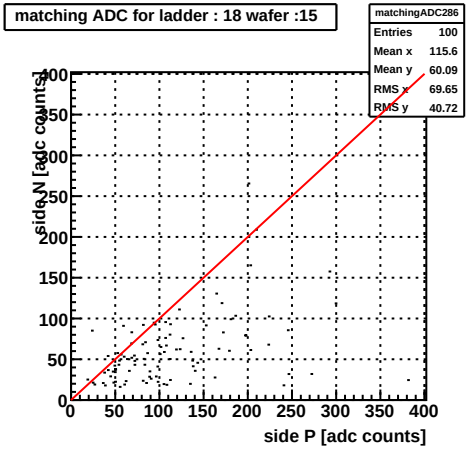

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1194
Mean x 76.94
Mean y 84.98
RMS x 57.35
RMS y 61.37
side N [adc counts]
side P [adc counts]

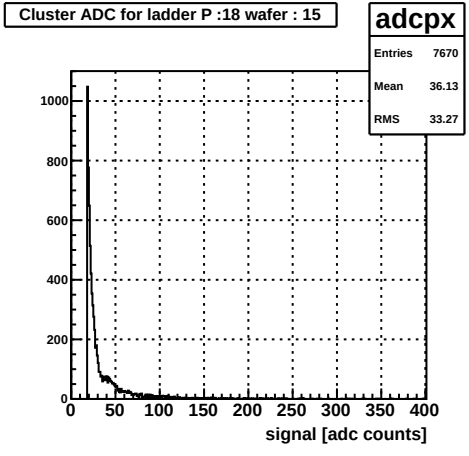

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2280
Mean 50.62
RMS 49.77
signal [adc counts]

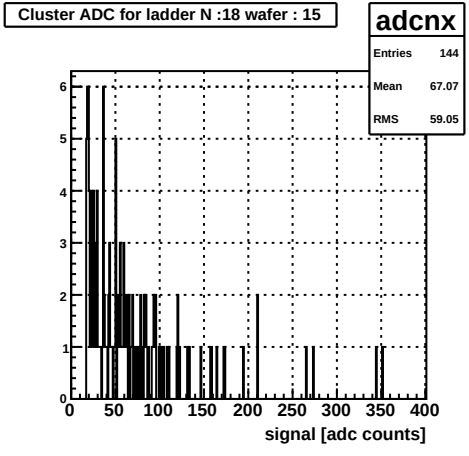

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2982
Mean 58.24
RMS 56.19
signal [adc counts]

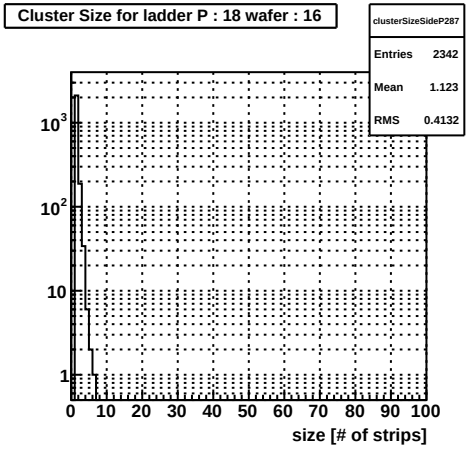

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 7670
Mean 1.202
RMS 0.5136
size [# of strips]

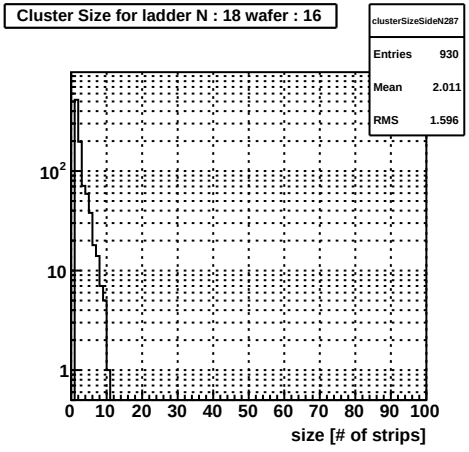

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 144
Mean 1.701
RMS 0.9652
size [# of strips]

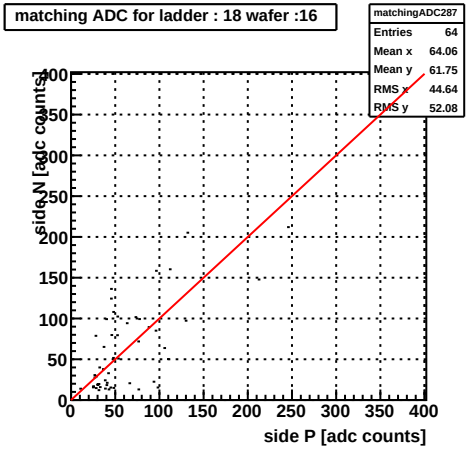

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 100
Mean x 115.6
Mean y 60.09
RMS x 69.65
RMS y 40.72
side N [adc counts]
side P [adc counts]

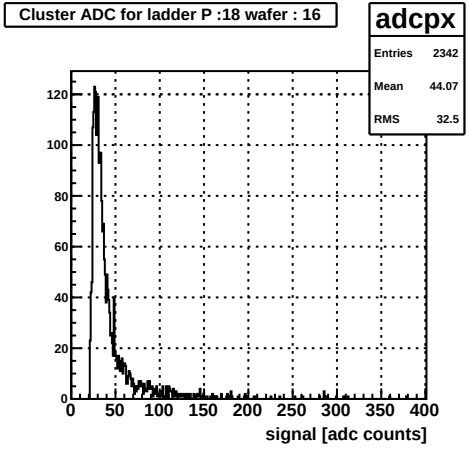

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 7670
Mean 36.13
RMS 33.27
signal [adc counts]

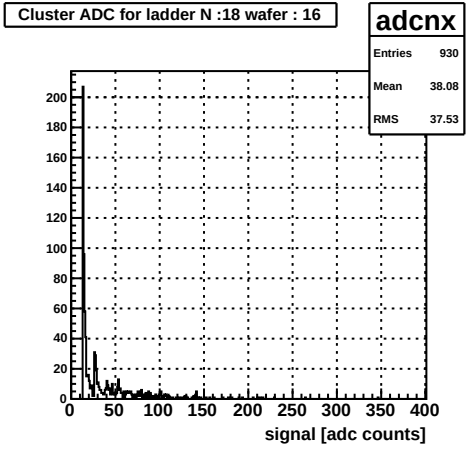

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 144
Mean 67.07
RMS 59.05
signal [adc counts]

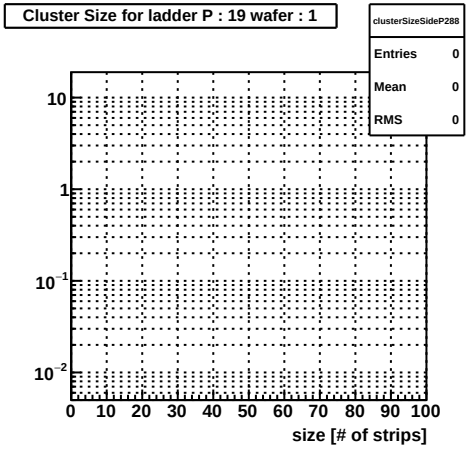

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2342
Mean 1.123
RMS 0.4132
size [# of strips]

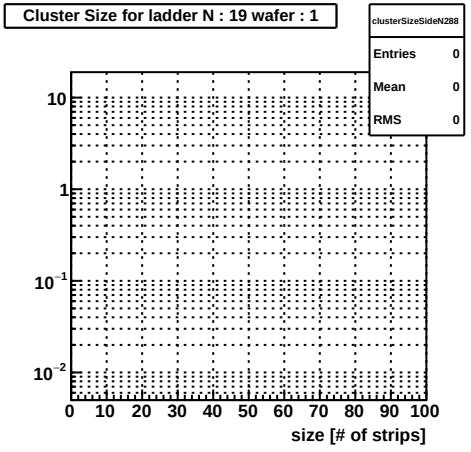

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 930
Mean 2.011
RMS 1.596
size [# of strips]

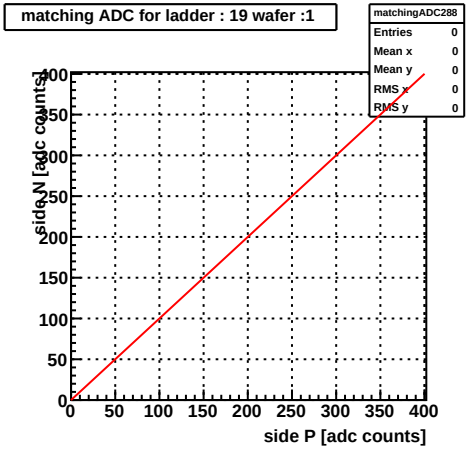

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 64
Mean x 64.06
Mean y 61.75
RMS x 44.64
RMS y 52.08
side N [adc counts]
side P [adc counts]

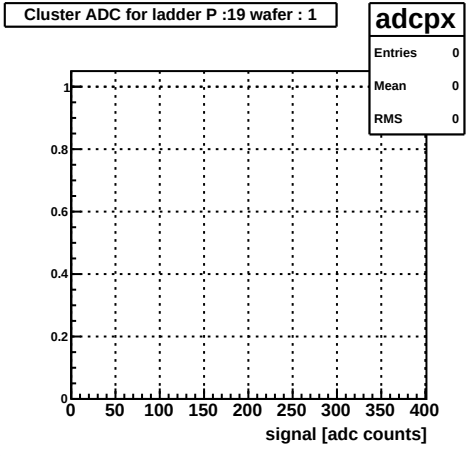

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2342
Mean 44.07
RMS 32.5
signal [adc counts]

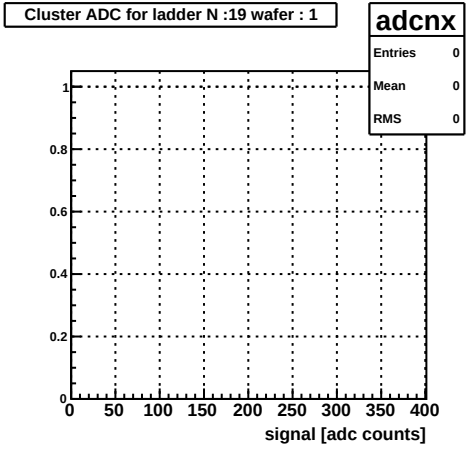

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 930
Mean 38.08
RMS 37.53
signal [adc counts]

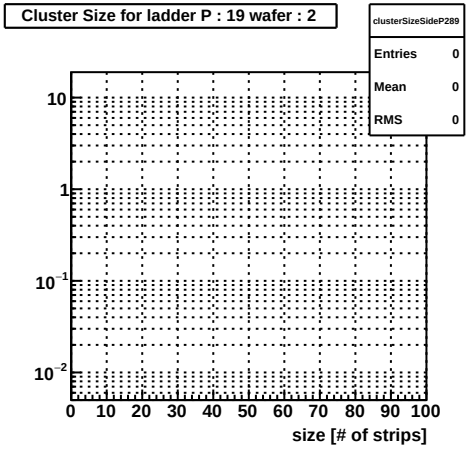

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

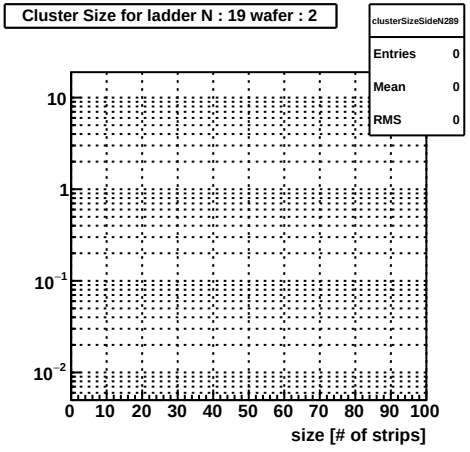

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

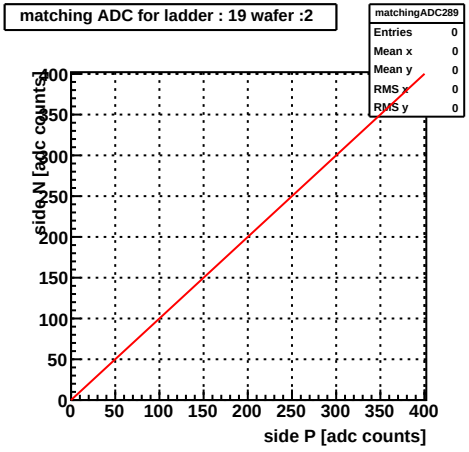

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

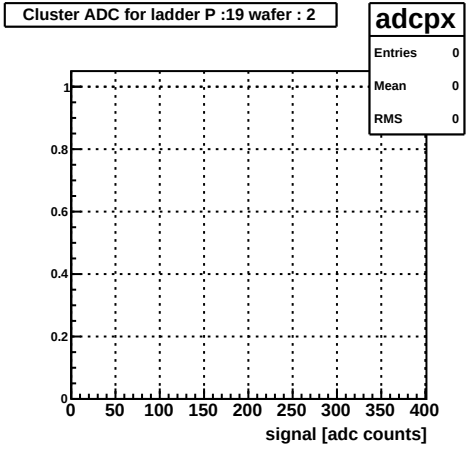

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

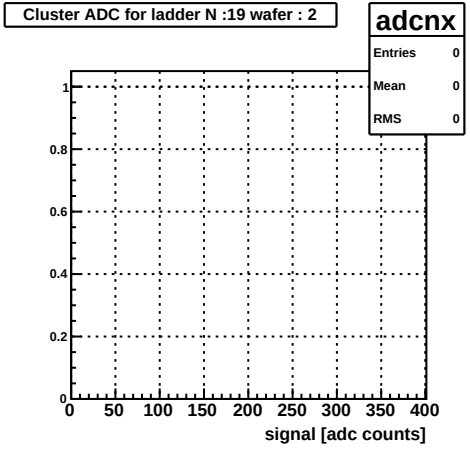

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

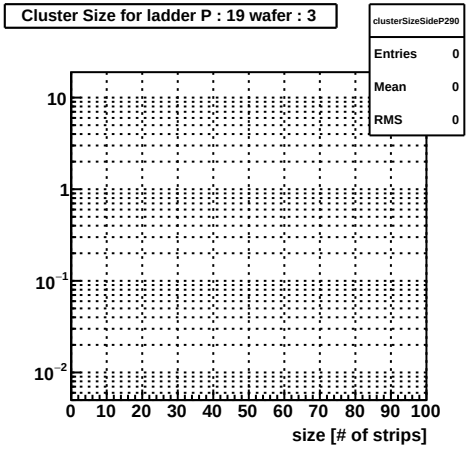

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

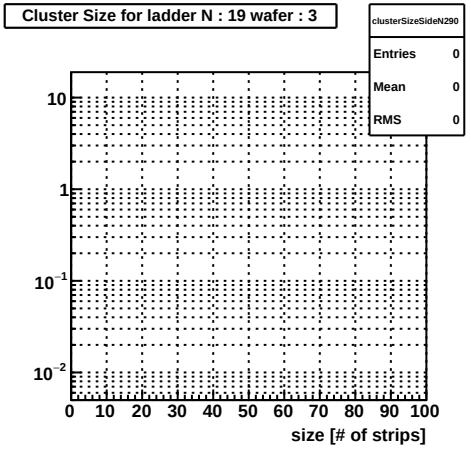

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

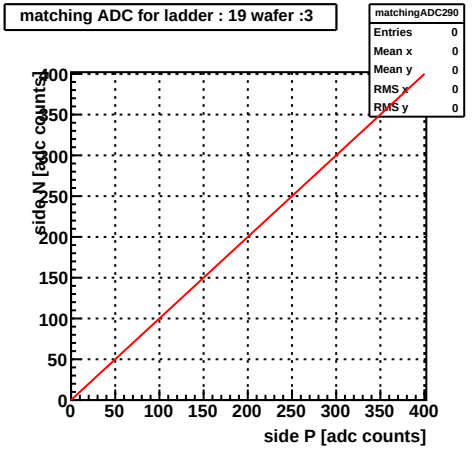

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

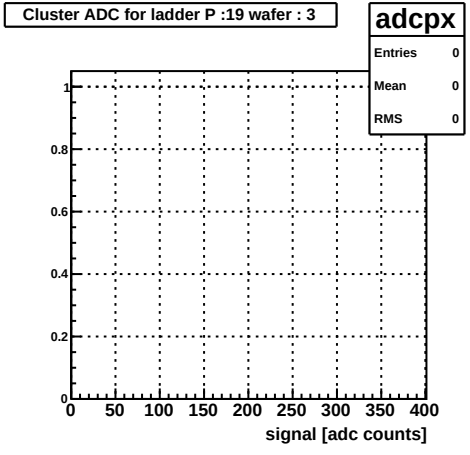

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

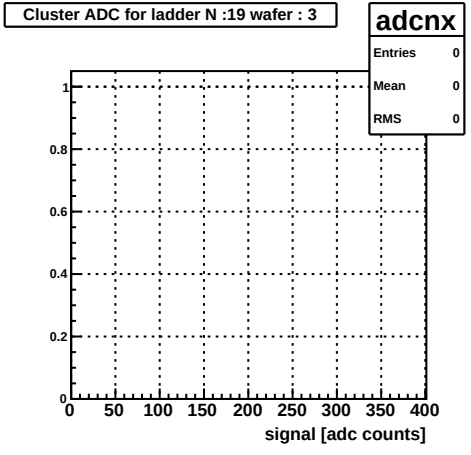

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

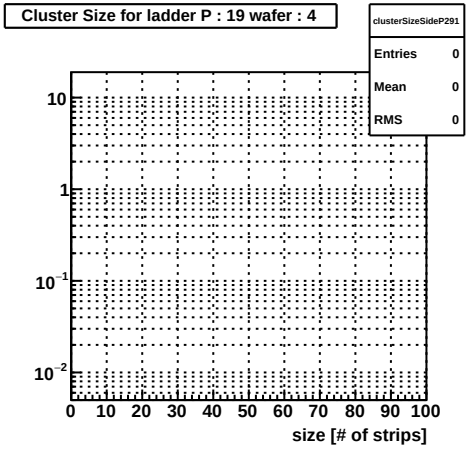

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

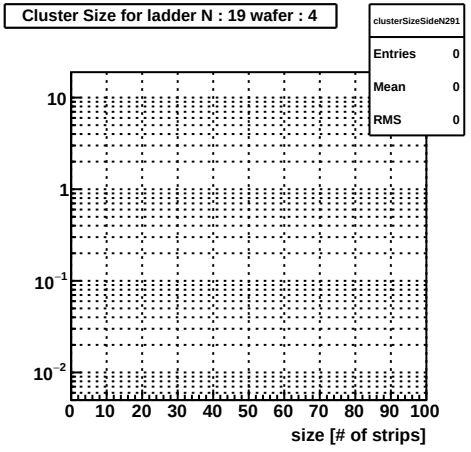

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

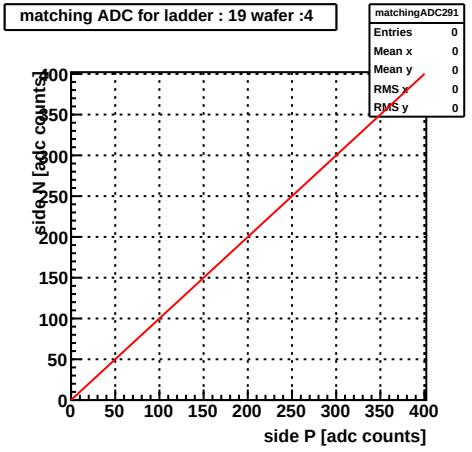

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

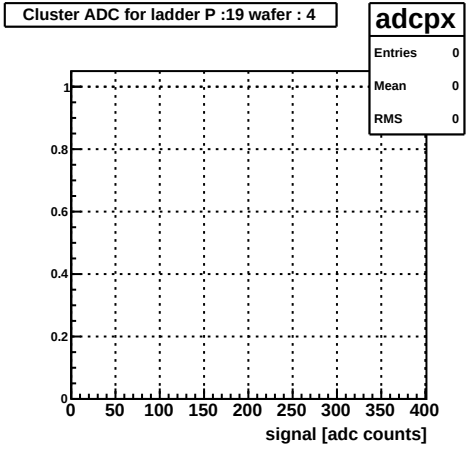

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

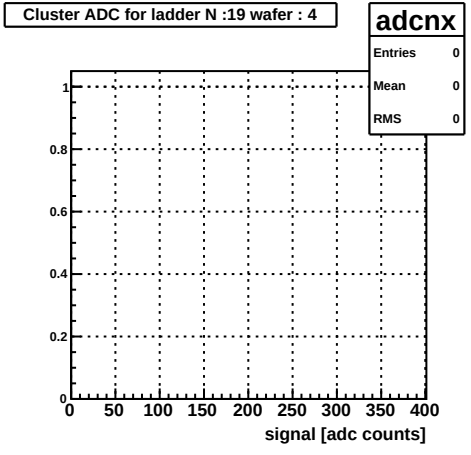

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

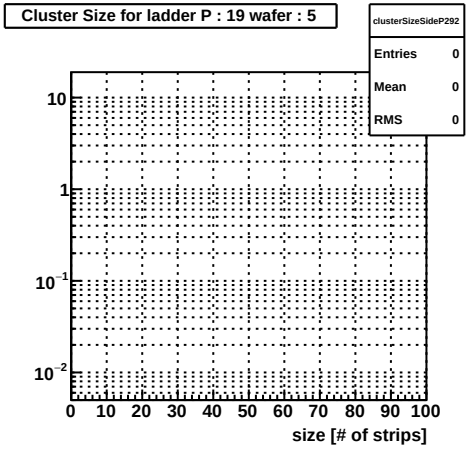

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

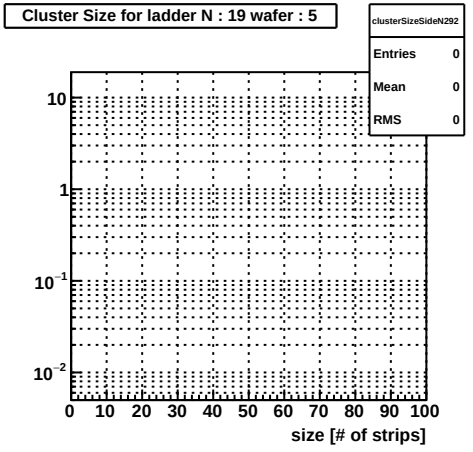

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

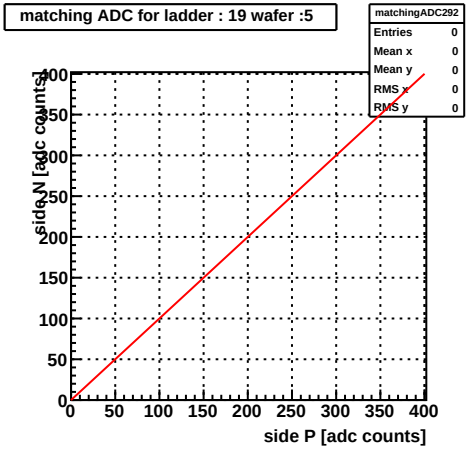

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

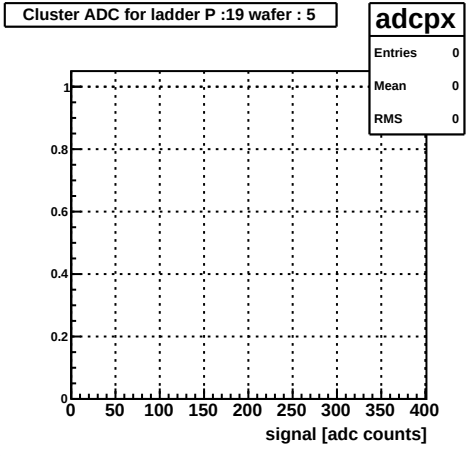

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

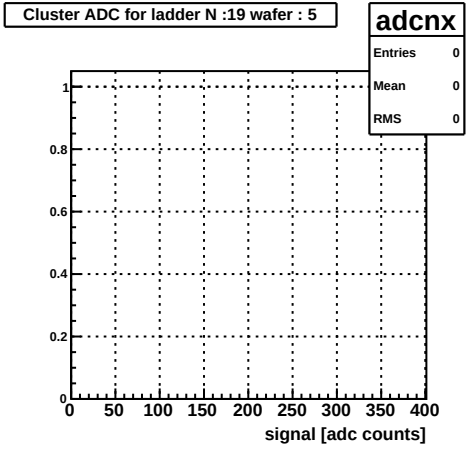

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

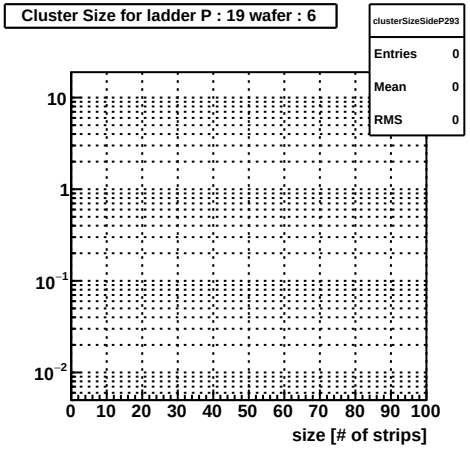

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

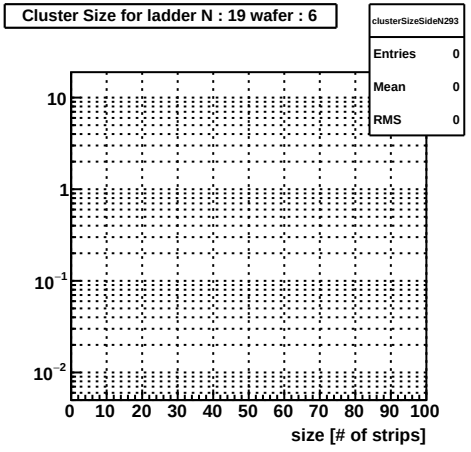

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

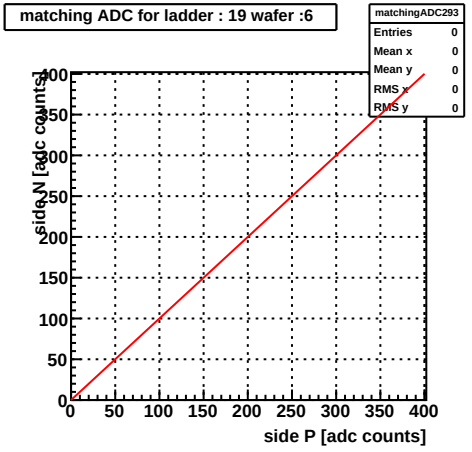

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

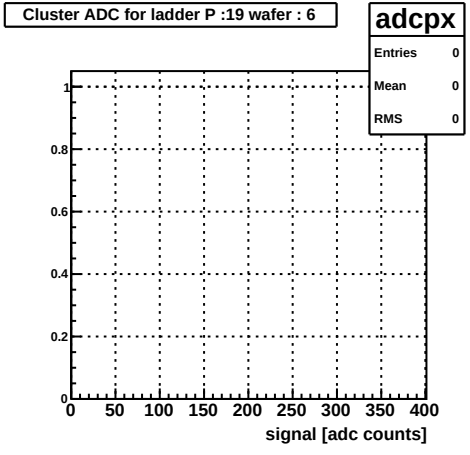

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

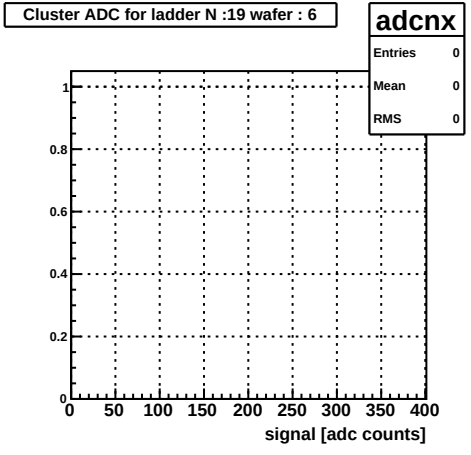

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

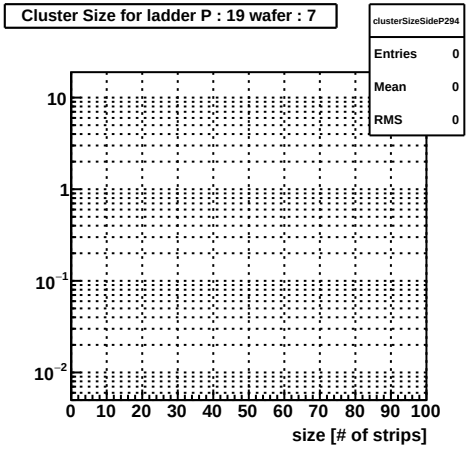

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

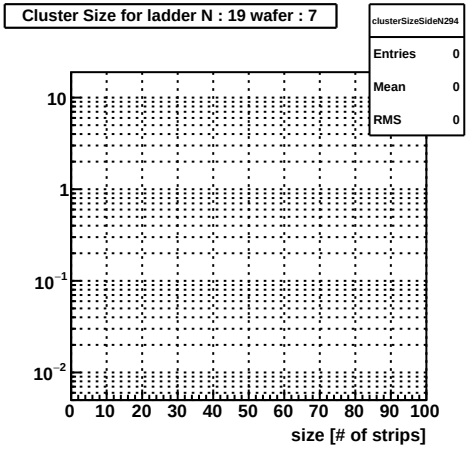

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

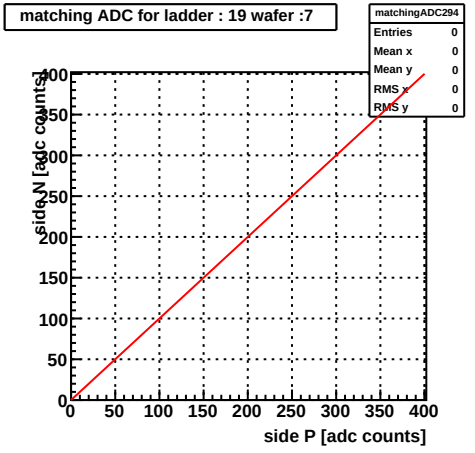

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

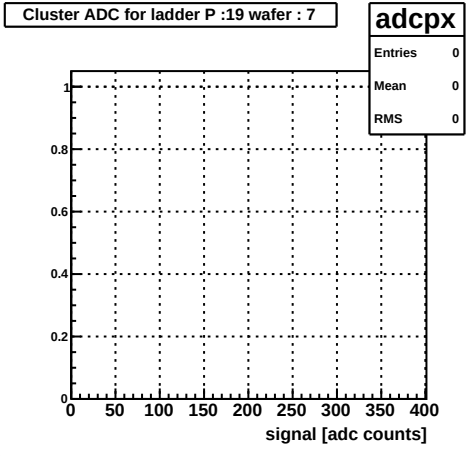

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

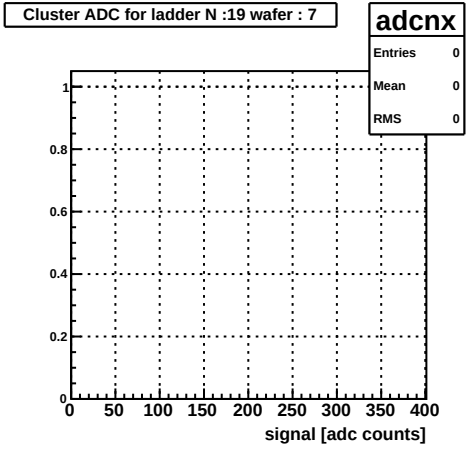

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

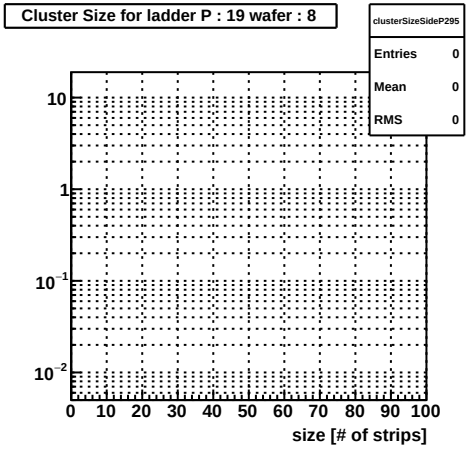

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

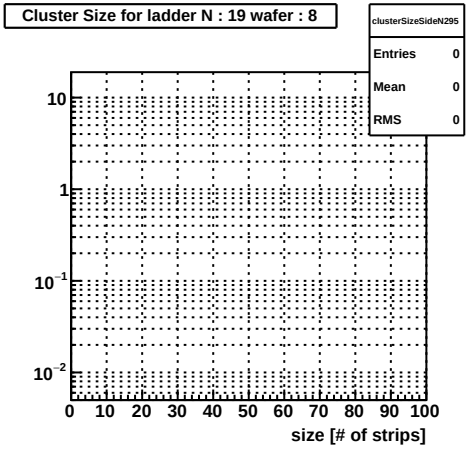

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

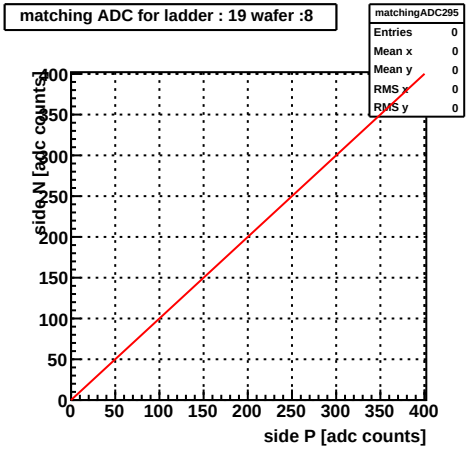

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

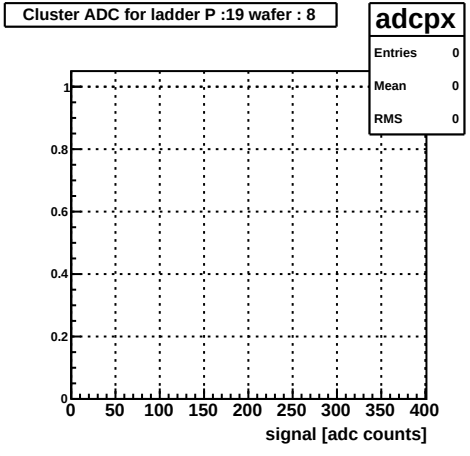

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

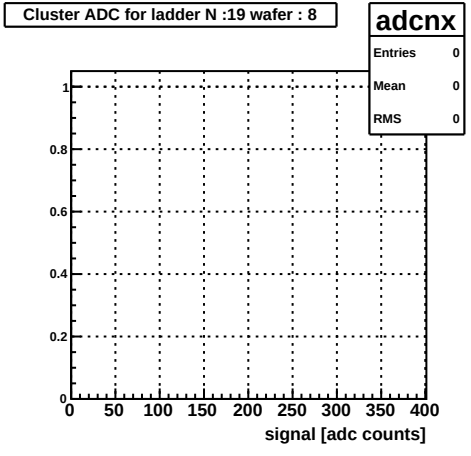

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

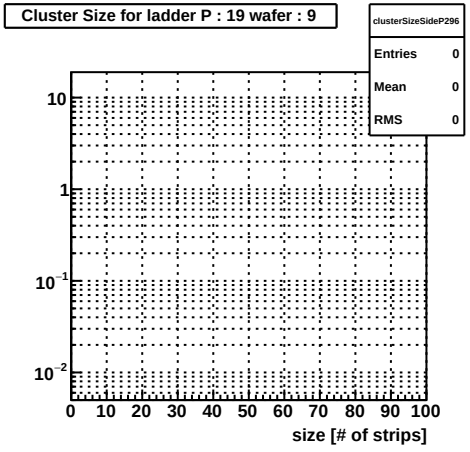

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

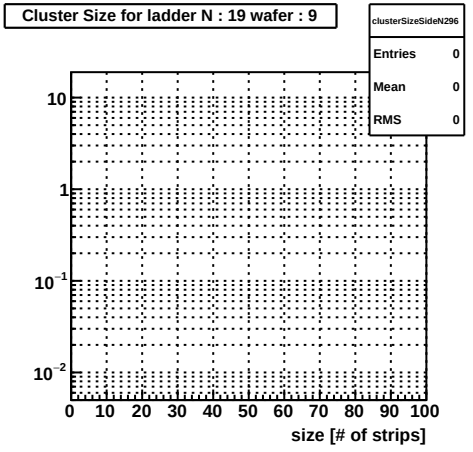

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

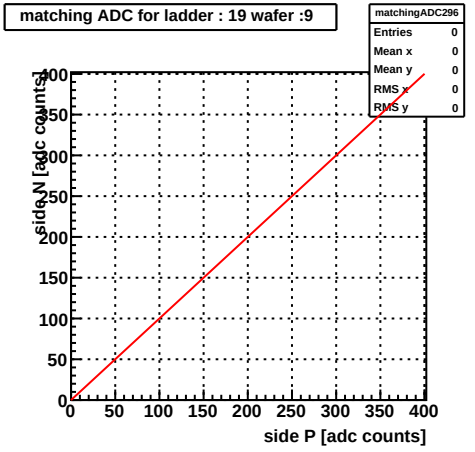

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

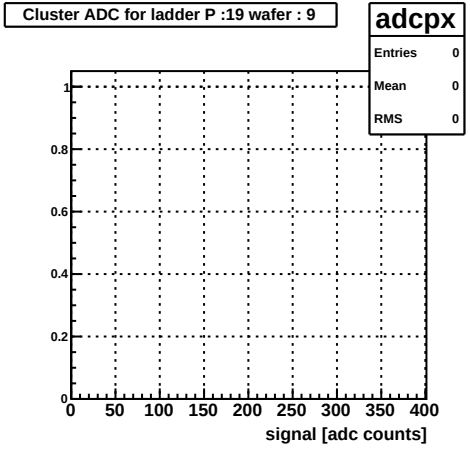

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

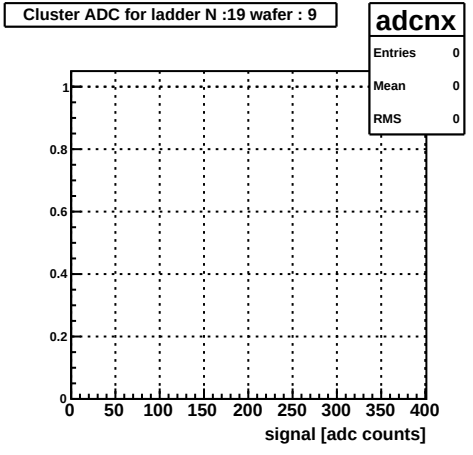

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

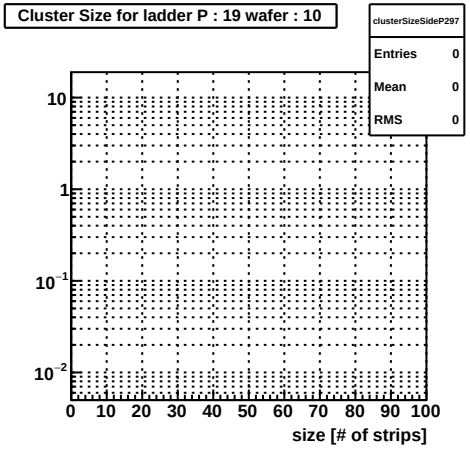

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

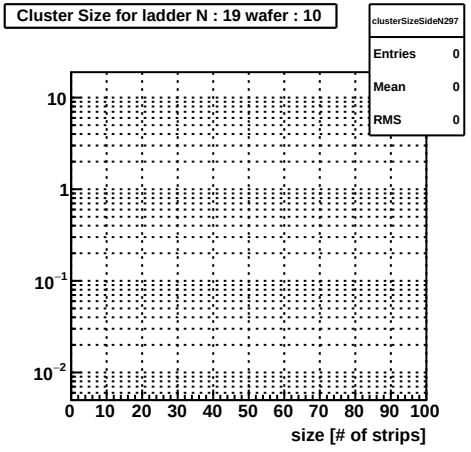

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

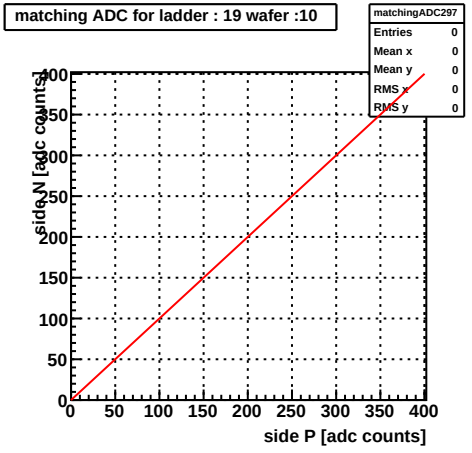

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

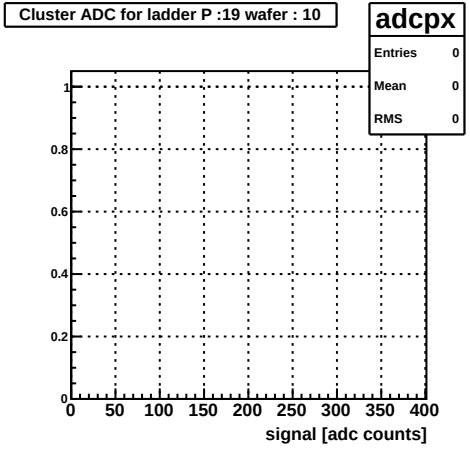

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

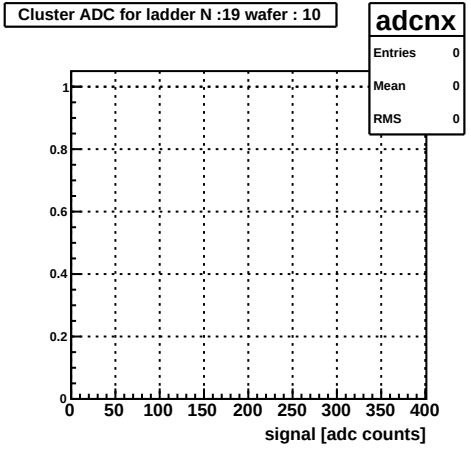

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

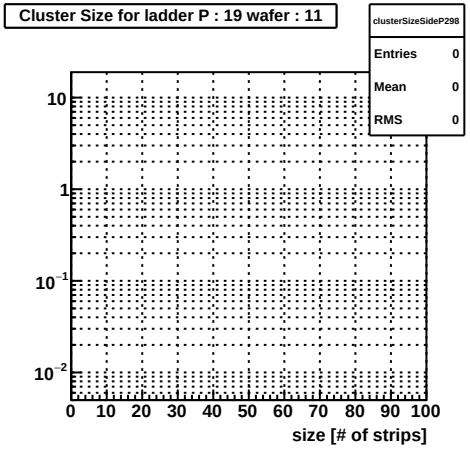

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

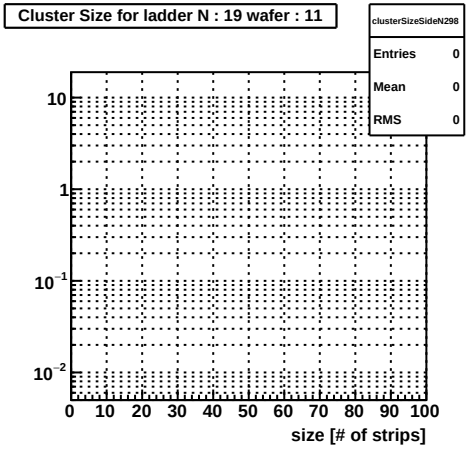

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

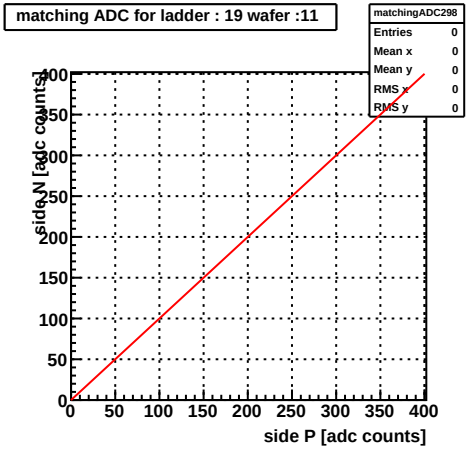

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

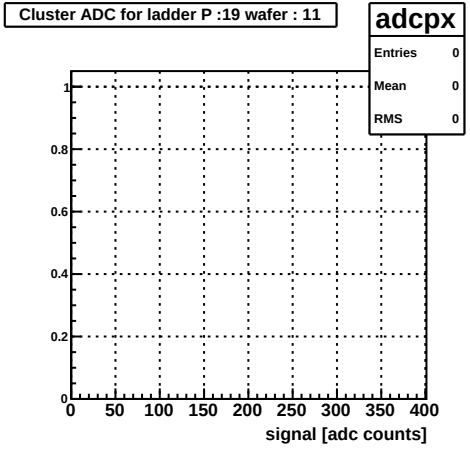

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

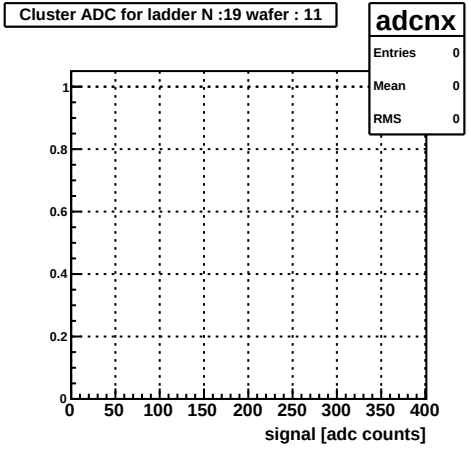

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

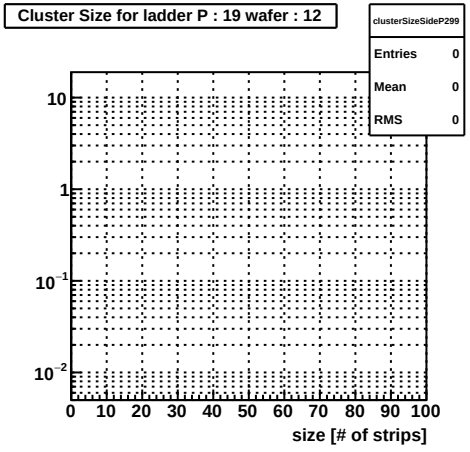

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

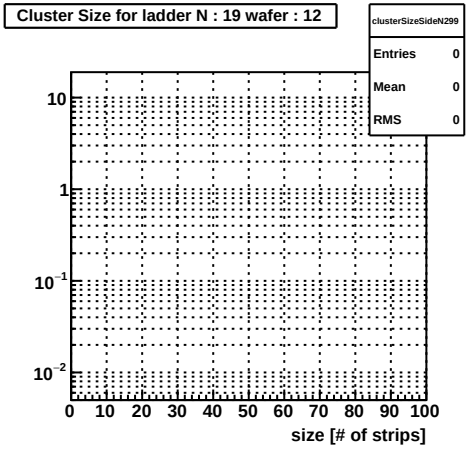

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

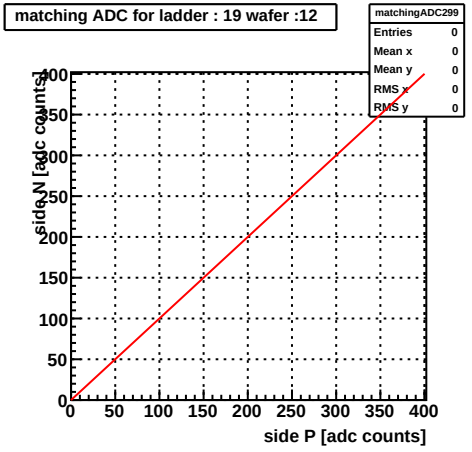

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

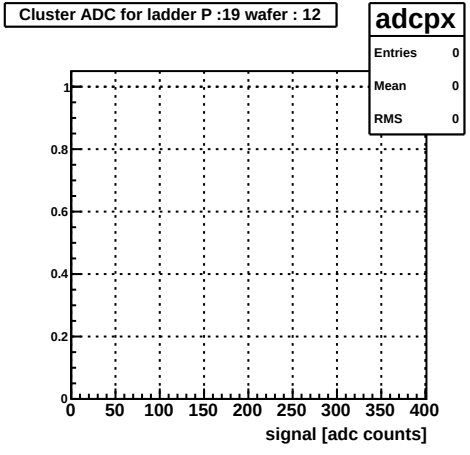

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

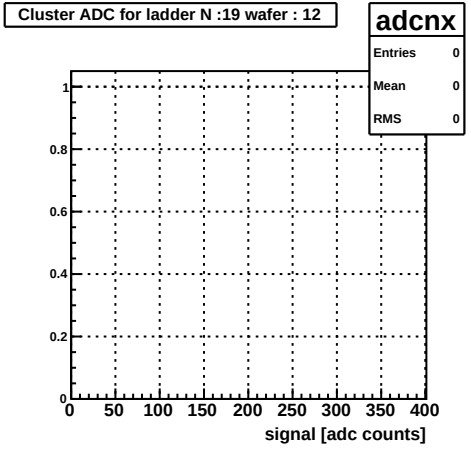

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

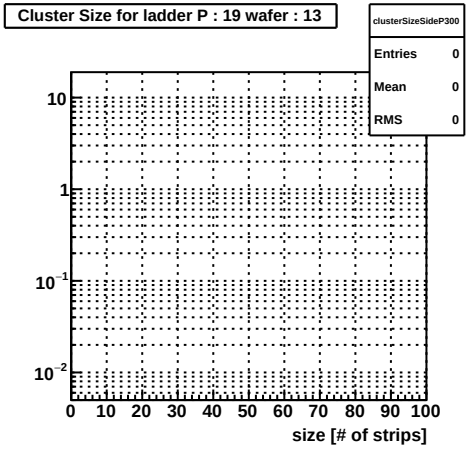

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

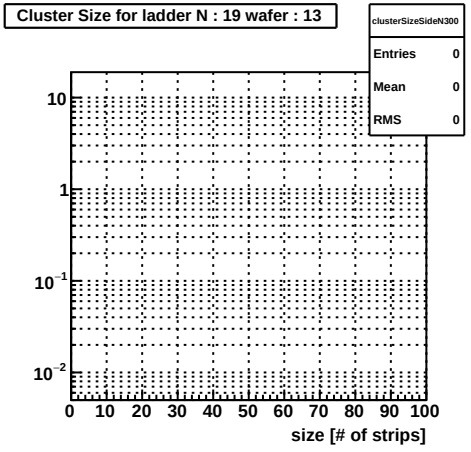

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

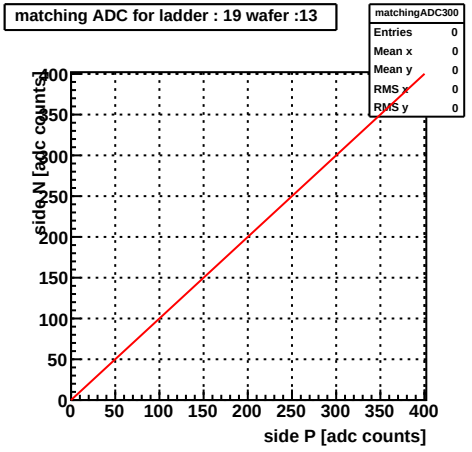

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

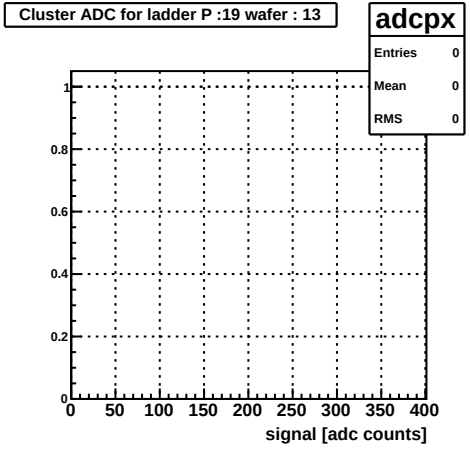

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

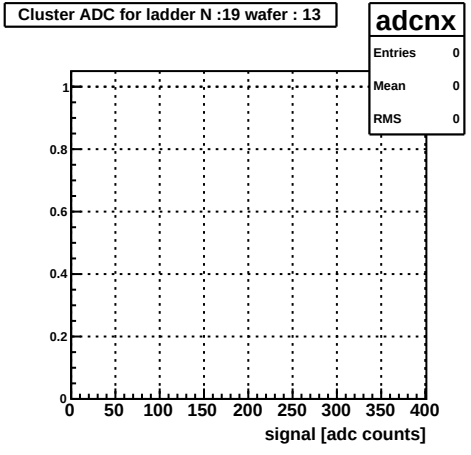

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

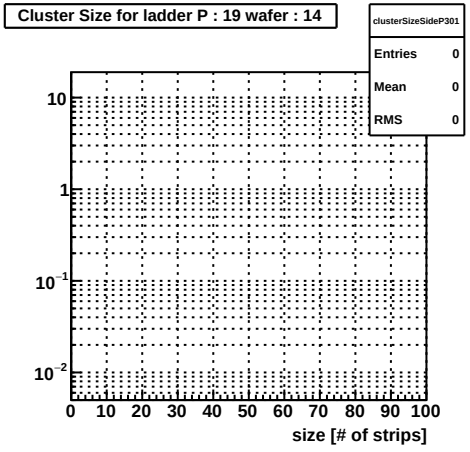

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

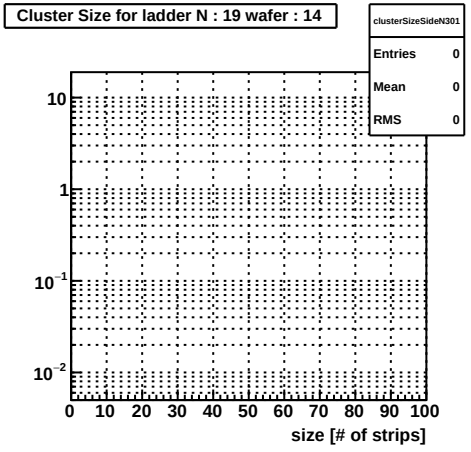

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

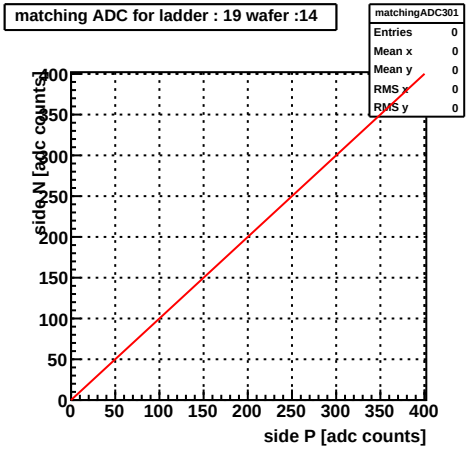

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

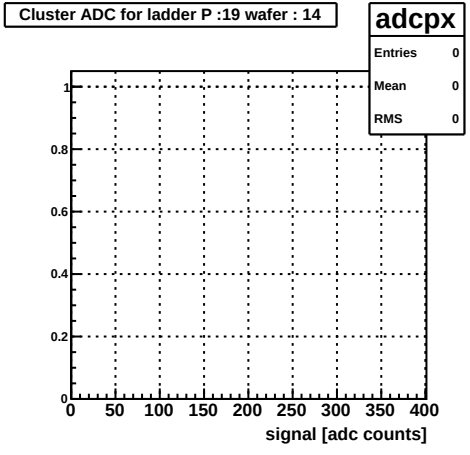

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

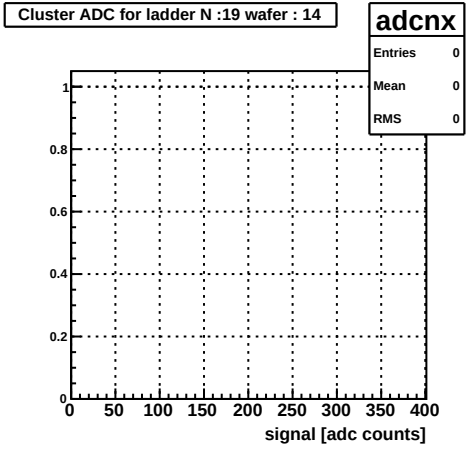

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

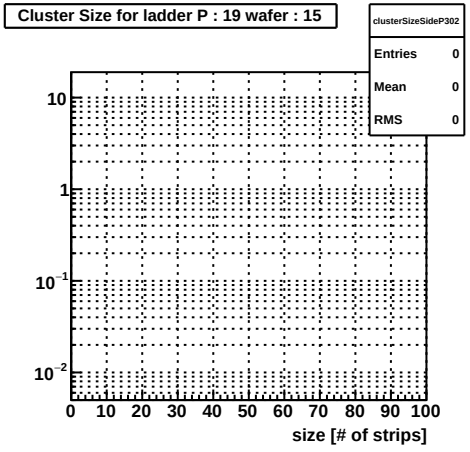

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

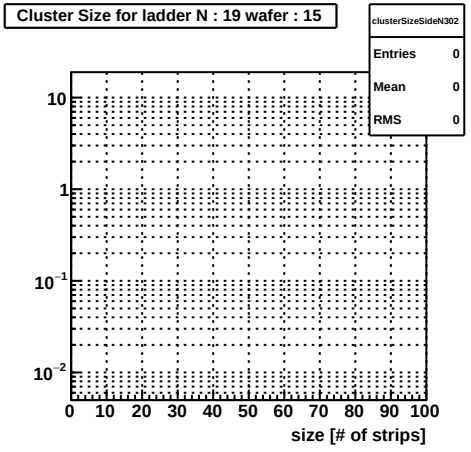

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

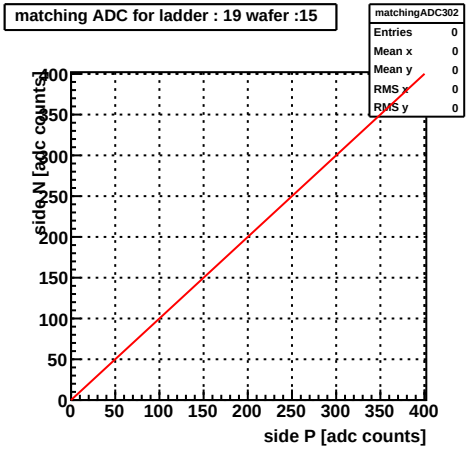

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

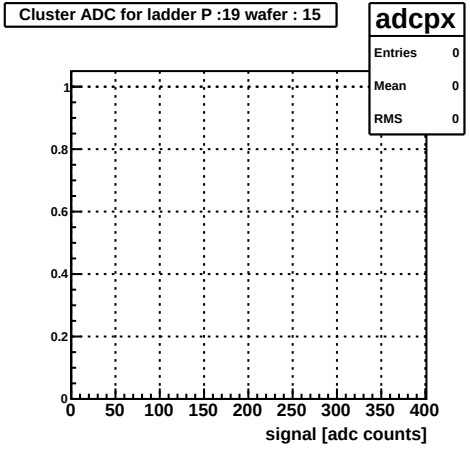

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

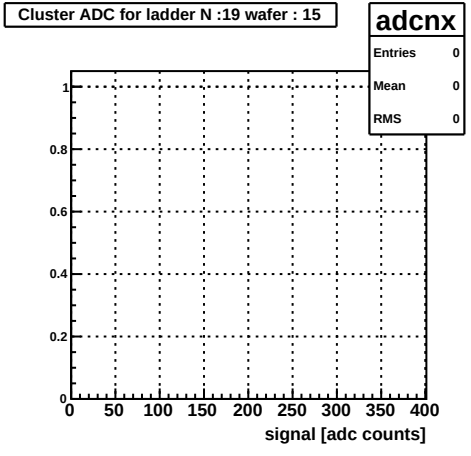

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

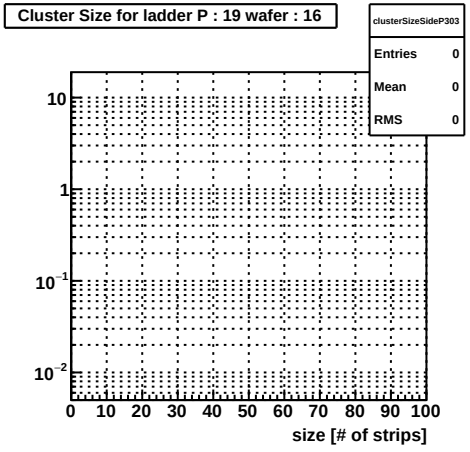

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

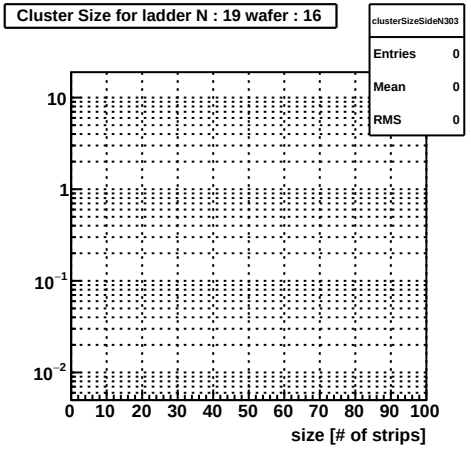

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

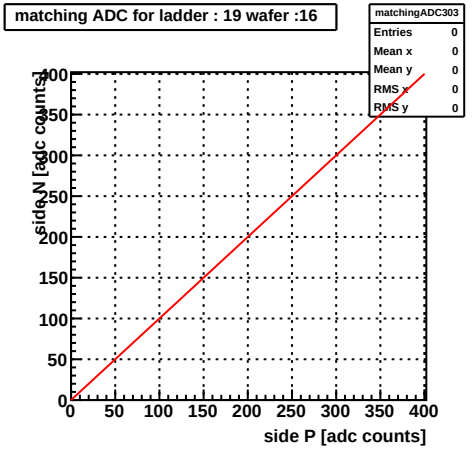

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

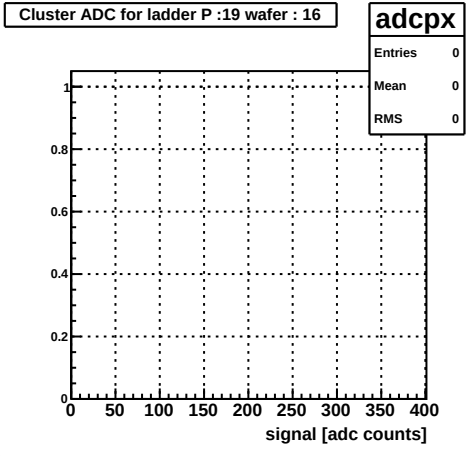

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

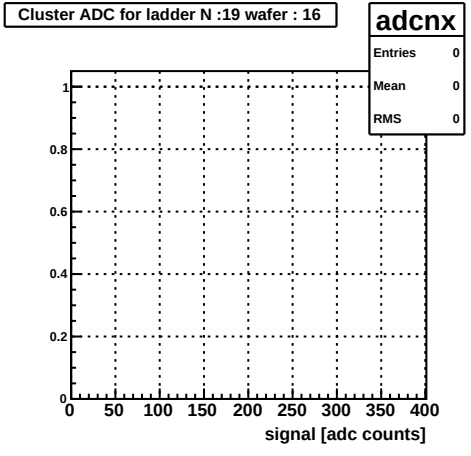

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

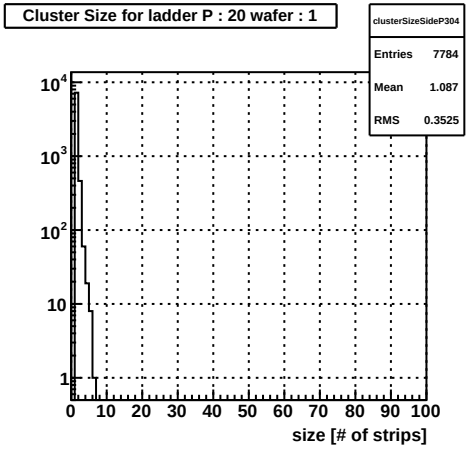

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

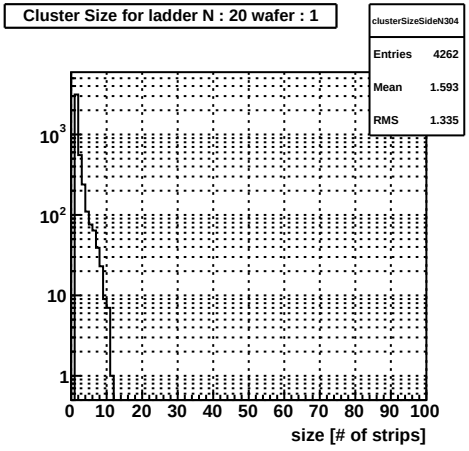

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

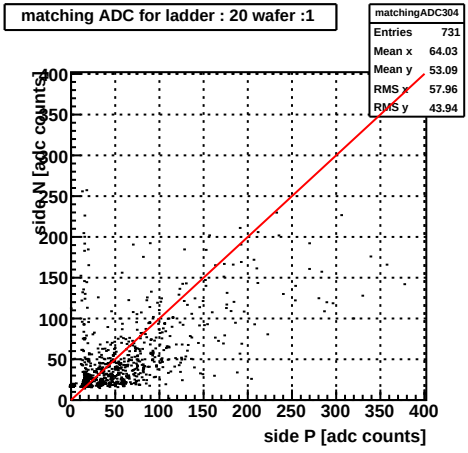

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

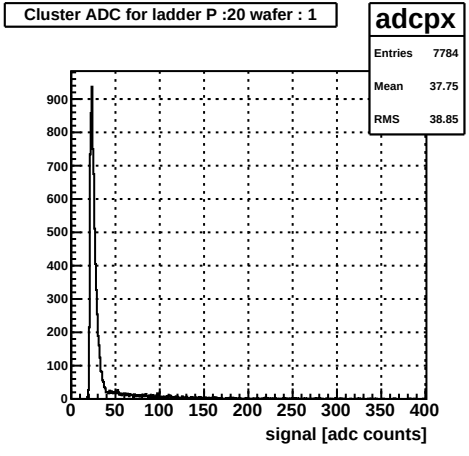

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

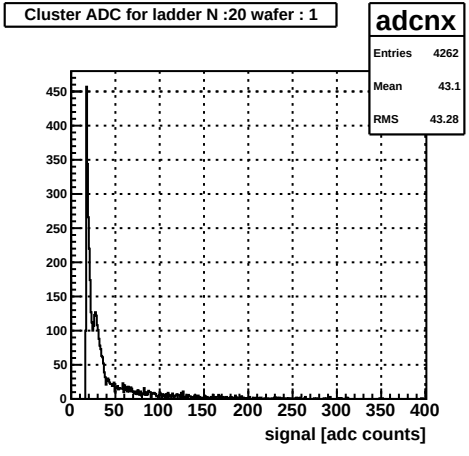

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

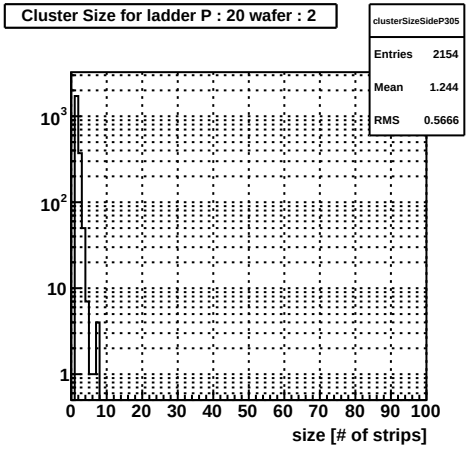

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 7784
Mean 1.087
RMS 0.3525
size [# of strips]

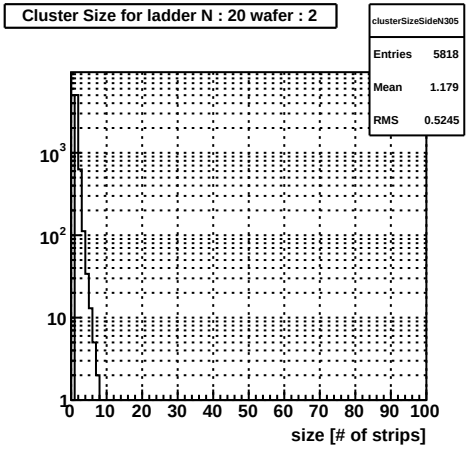

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4262
Mean 1.593
RMS 1.335
size [# of strips]

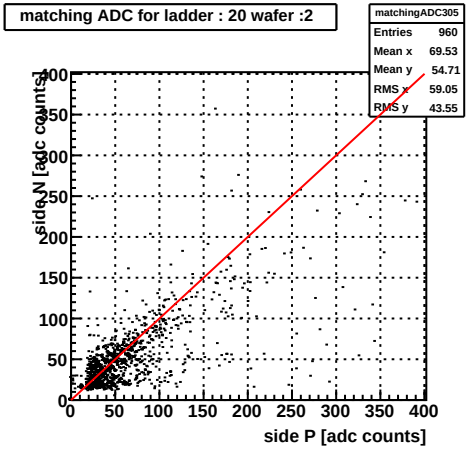

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 731
Mean x 64.03
Mean y 53.09
RMS x 57.96
RMS y 43.94
side N [adc counts]
side P [adc counts]

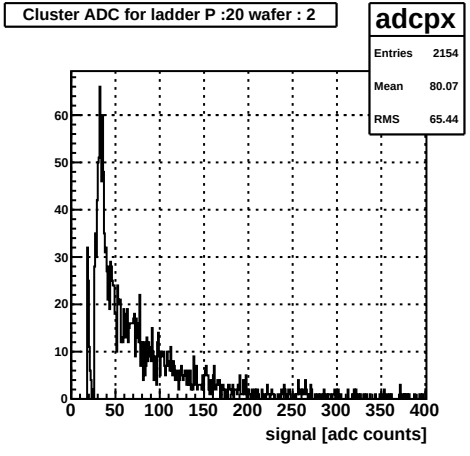

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 7784
Mean 37.75
RMS 38.85
signal [adc counts]

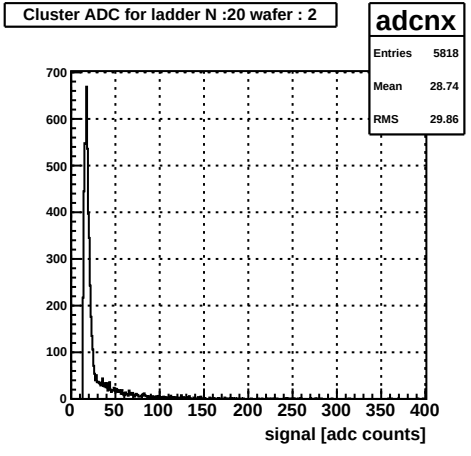

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4262
Mean 43.1
RMS 43.28
signal [adc counts]

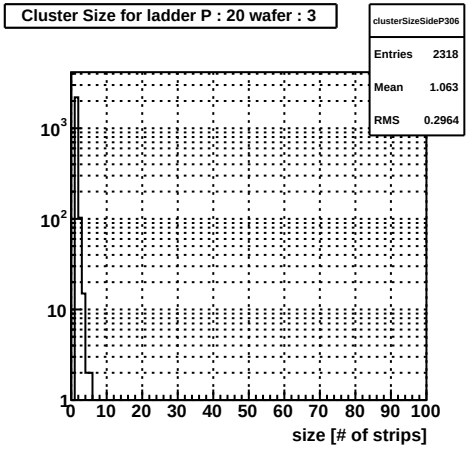

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2154
Mean 1.244
RMS 0.5666
size [# of strips]

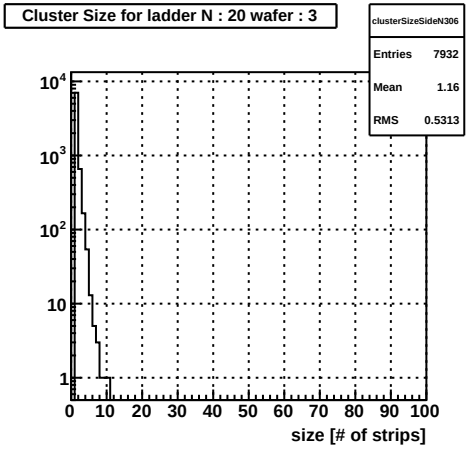

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 5818
Mean 1.179
RMS 0.5245
size [# of strips]

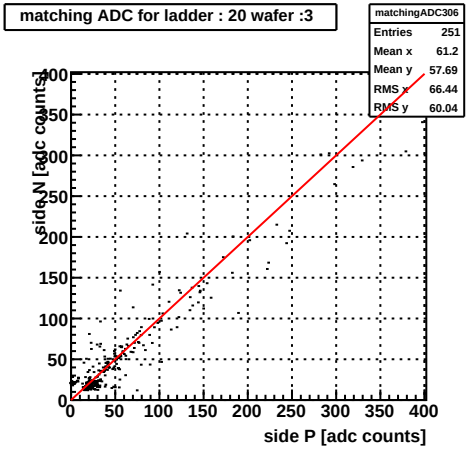

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 960
Mean x 69.53
Mean y 54.71
RMS x 59.05
RMS y 43.55
side N [adc counts]
side P [adc counts]

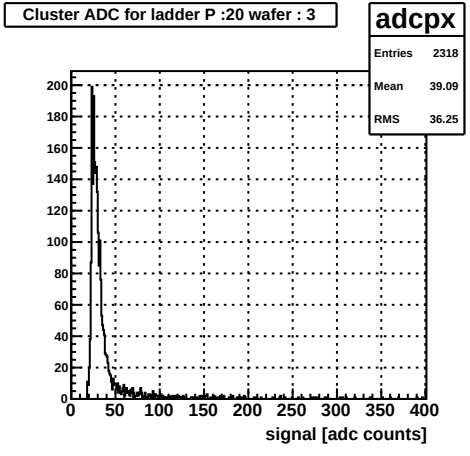

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2154
Mean 80.07
RMS 65.44
signal [adc counts]

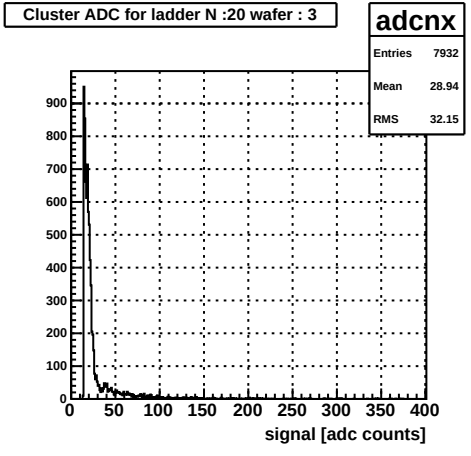

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 5818
Mean 28.74
RMS 29.86
signal [adc counts]

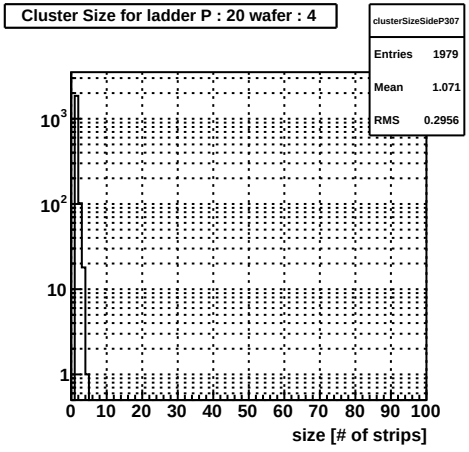

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 2318
Mean 1.063
RMS 0.2964
size [# of strips]

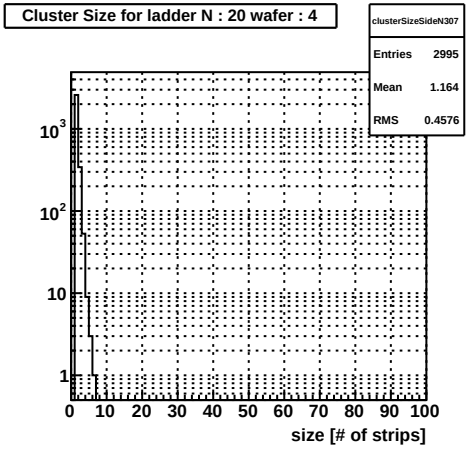

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 7932
Mean 1.16
RMS 0.5313
size [# of strips]

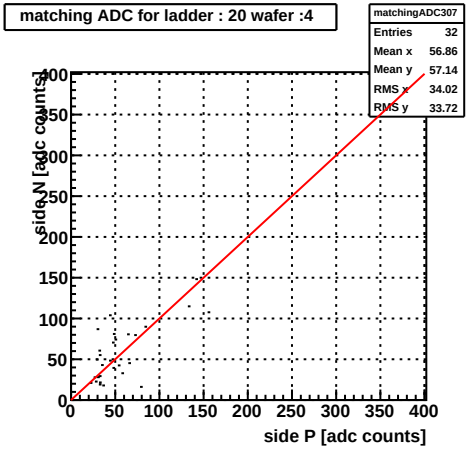

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 251
Mean x 61.2
Mean y 57.69
RMS x 66.44
RMS y 60.04
side N [adc counts]
side P [adc counts]

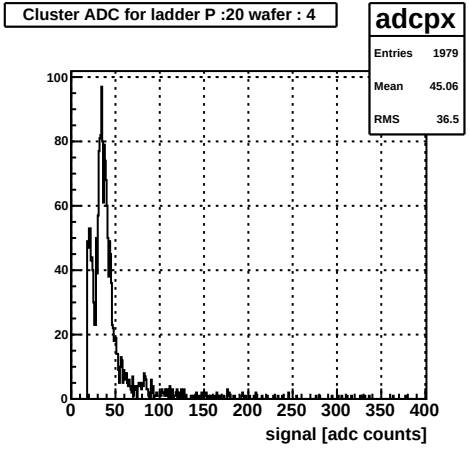

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 2318
Mean 39.09
RMS 36.25
signal [adc counts]

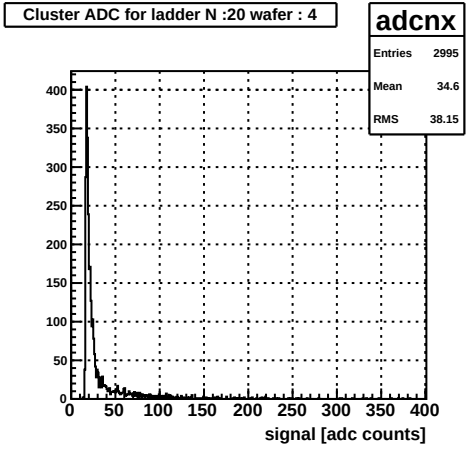

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 7932
Mean 28.94
RMS 32.15
signal [adc counts]

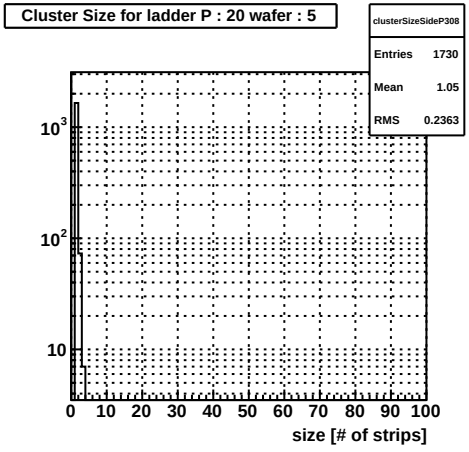

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 1979
Mean 1.071
RMS 0.2956
size [# of strips]

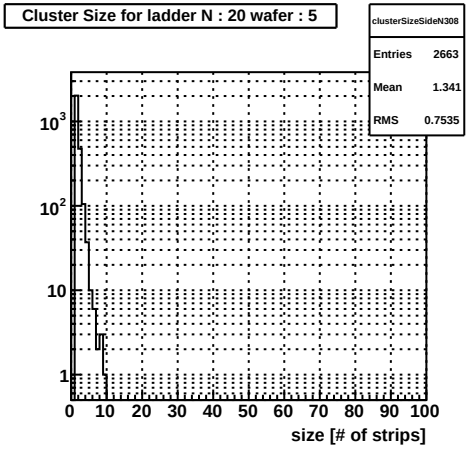

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2995
Mean 1.164
RMS 0.4576
size [# of strips]

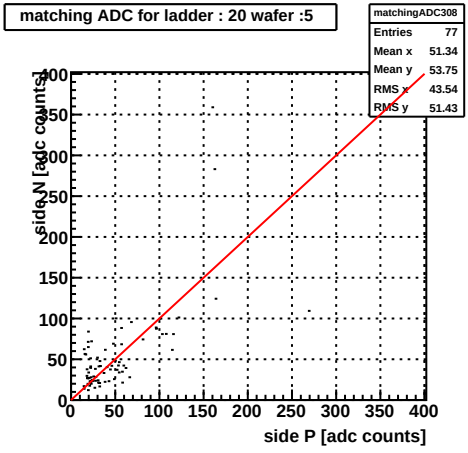

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 32
Mean x 56.86
Mean y 57.14
RMS x 34.02
RMS y 33.72
side N [adc counts]
side P [adc counts]

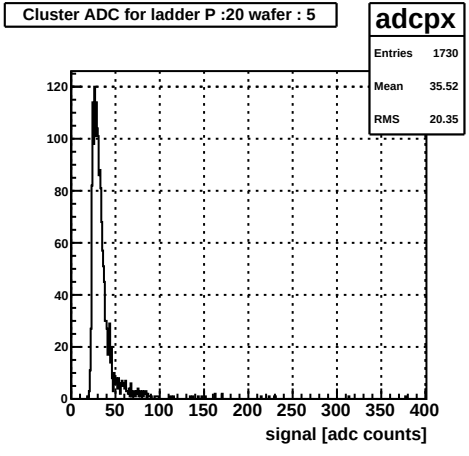

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 1979
Mean 45.06
RMS 36.5
signal [adc counts]

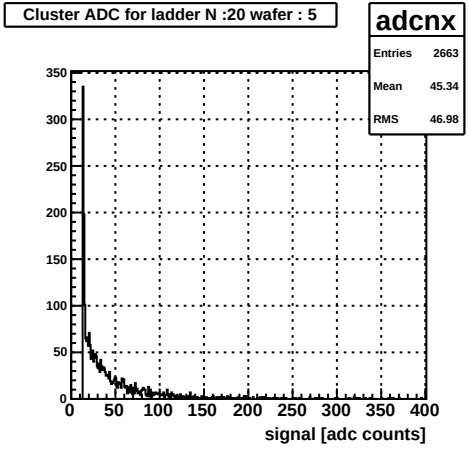

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2995
Mean 34.6
RMS 38.15
signal [adc counts]

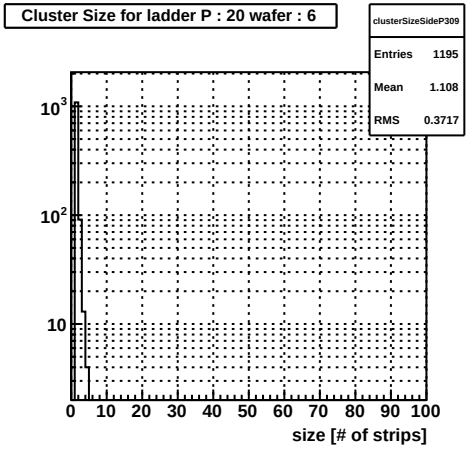

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1730
Mean 1.05
RMS 0.2363
size [# of strips]

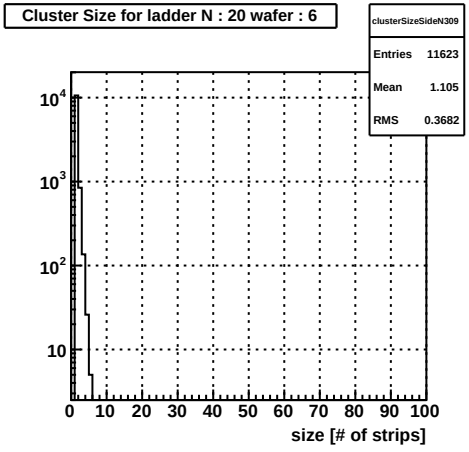

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 2663
Mean 1.341
RMS 0.7535
size [# of strips]

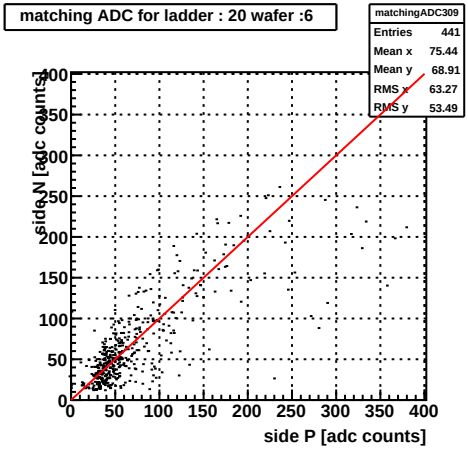

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 77
Mean x 51.34
Mean y 53.75
RMS x 43.54
RMS y 51.43
side N [adc counts]
side P [adc counts]

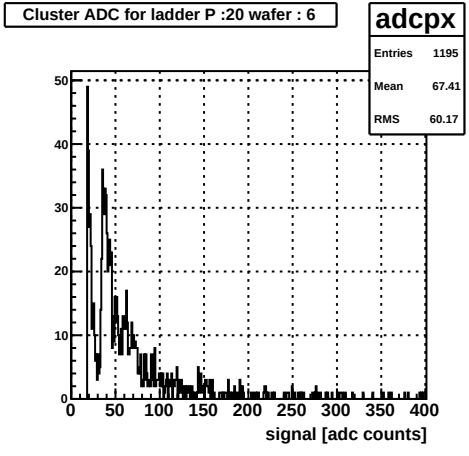

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1730
Mean 35.52
RMS 20.35
signal [adc counts]

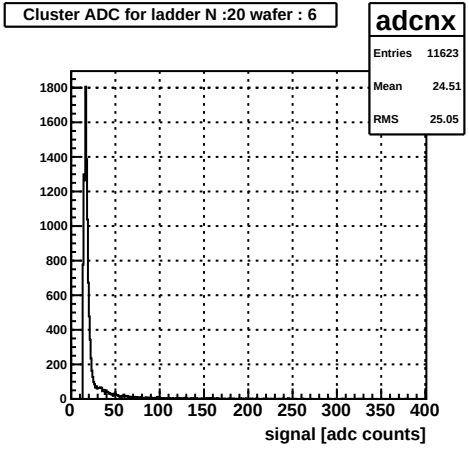

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 2663
Mean 45.34
RMS 46.98
signal [adc counts]

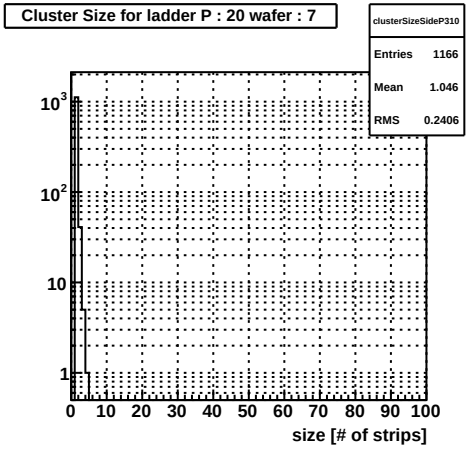

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1195
Mean 1.108
RMS 0.3717
size [# of strips]

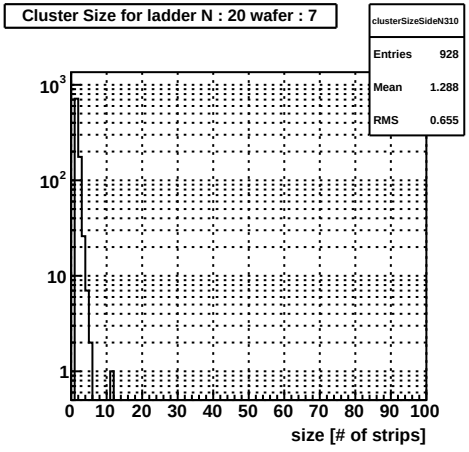

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 11623
Mean 1.105
RMS 0.3682
size [# of strips]

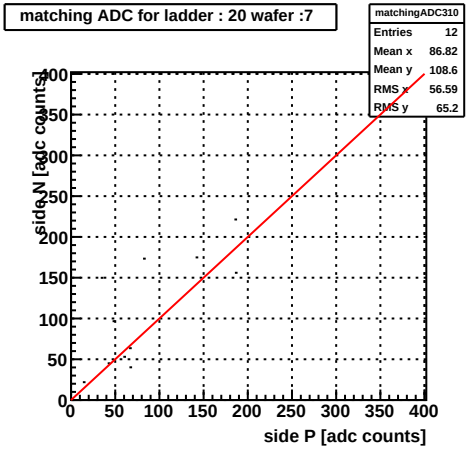

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 441
Mean x 75.44
Mean y 68.91
RMS x 63.27
RMS y 53.49
side N [adc counts]
side P [adc counts]

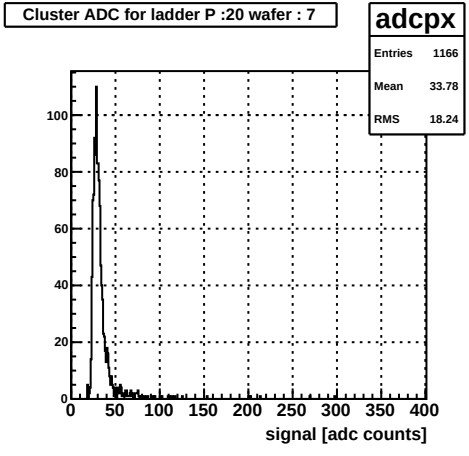

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1195
Mean 67.41
RMS 60.17
signal [adc counts]

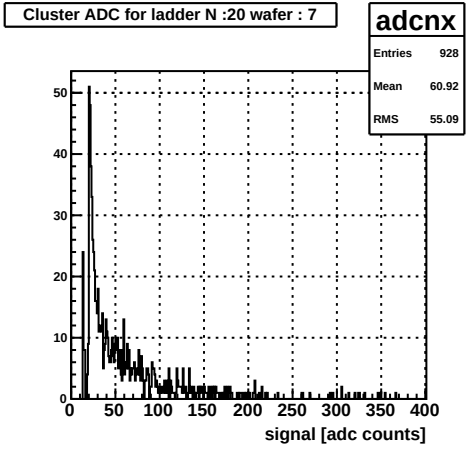

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 11623
Mean 24.51
RMS 25.05
signal [adc counts]

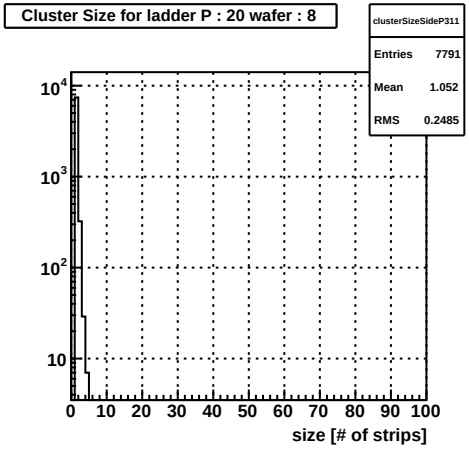

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1166
Mean 1.046
RMS 0.2406
size [# of strips]

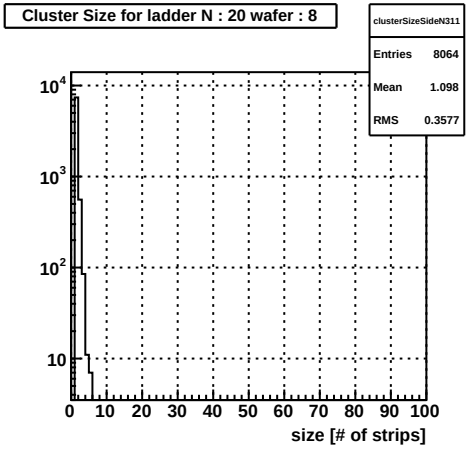

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 928
Mean 1.288
RMS 0.655
size [# of strips]

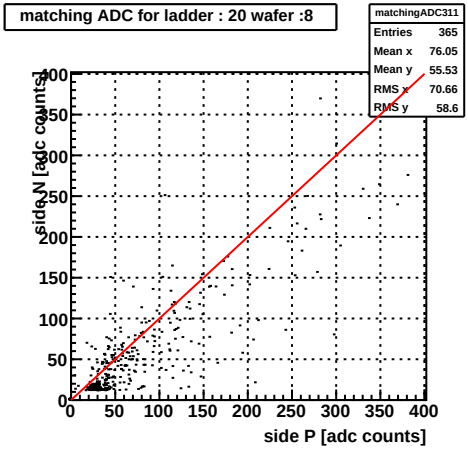

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 12
Mean x 86.82
Mean y 108.6
RMS x 56.59
RMS y 65.2
side N [adc counts]
side P [adc counts]

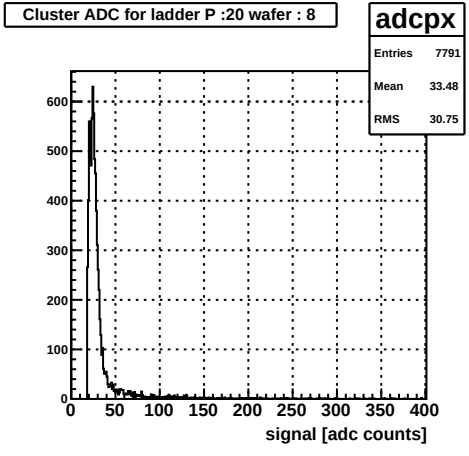

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1166
Mean 33.78
RMS 18.24
signal [adc counts]

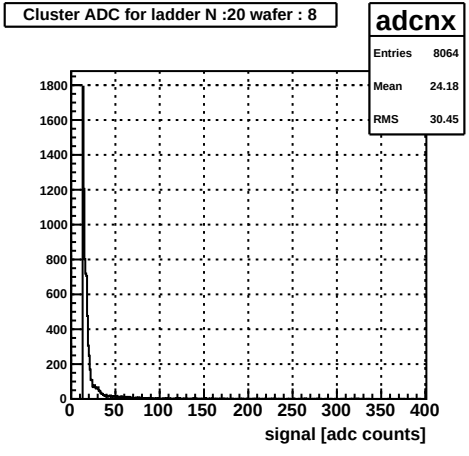

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 928
Mean 60.92
RMS 55.09
signal [adc counts]

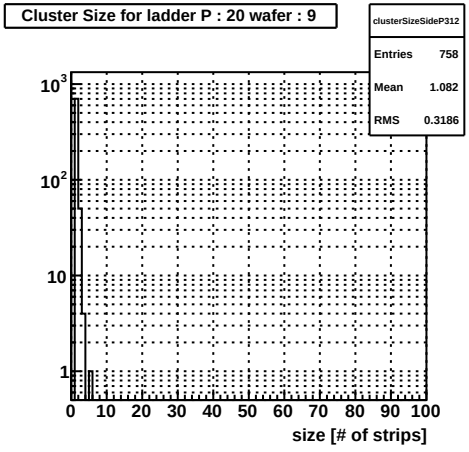

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 7791
Mean 1.052
RMS 0.2485
size [# of strips]

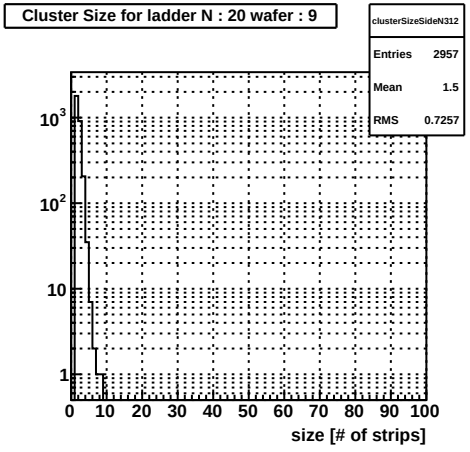

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 8064
Mean 1.098
RMS 0.3577
size [# of strips]

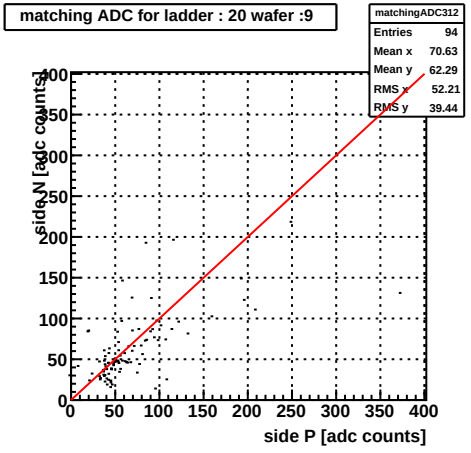

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 365
Mean x 76.05
Mean y 55.53
RMS x 70.66
RMS y 58.6
side N [adc counts]
side P [adc counts]

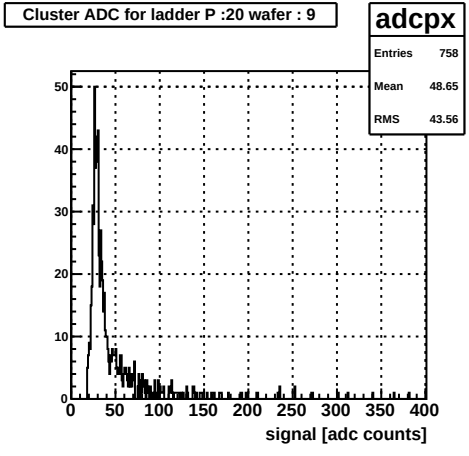

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 7791
Mean 33.48
RMS 30.75
signal [adc counts]

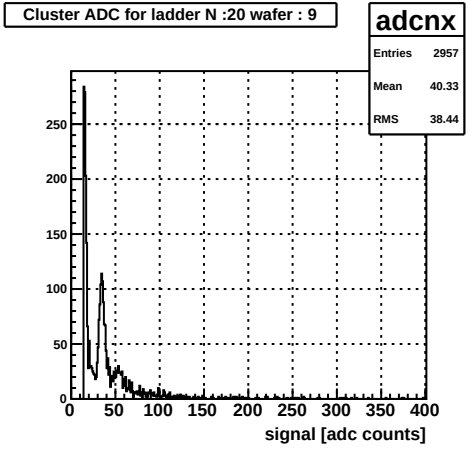

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 8064
Mean 24.18
RMS 30.45
signal [adc counts]

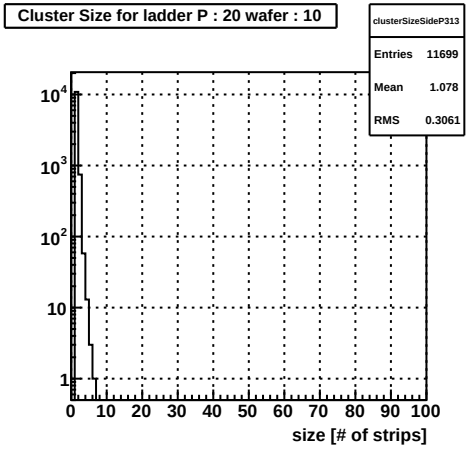

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 758
Mean 1.082
RMS 0.3186
size [# of strips]

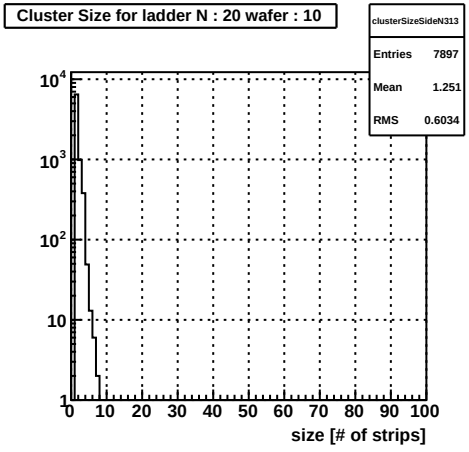

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 2957
Mean 1.5
RMS 0.7257
size [# of strips]

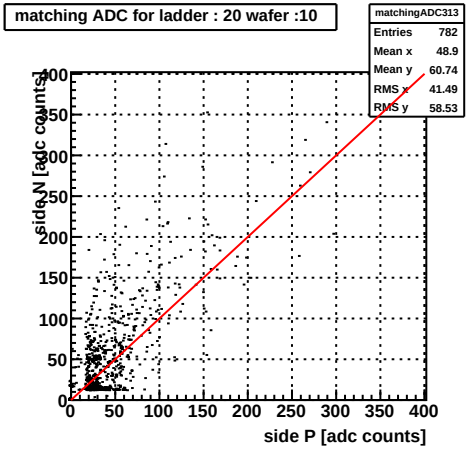

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 94
Mean x 70.63
Mean y 62.29
RMS x 52.21
RMS y 39.44
side N [adc counts]
side P [adc counts]

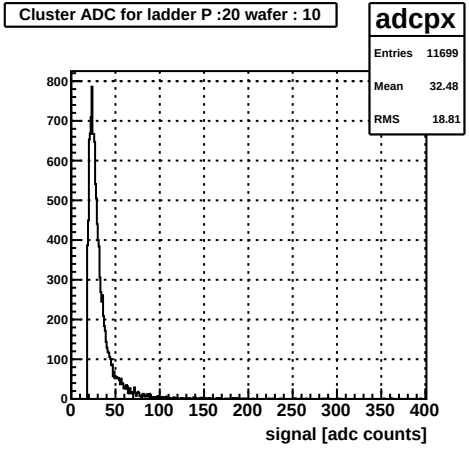

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 758
Mean 48.65
RMS 43.56
signal [adc counts]

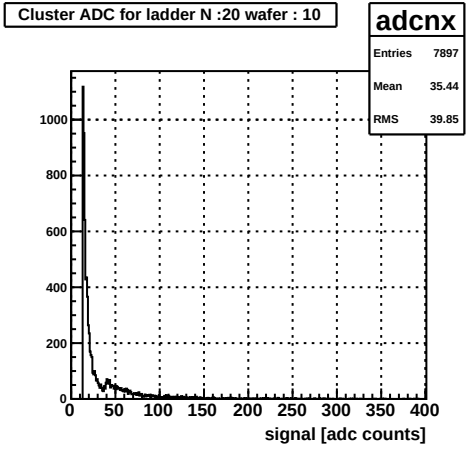

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 2957
Mean 40.33
RMS 38.44
signal [adc counts]

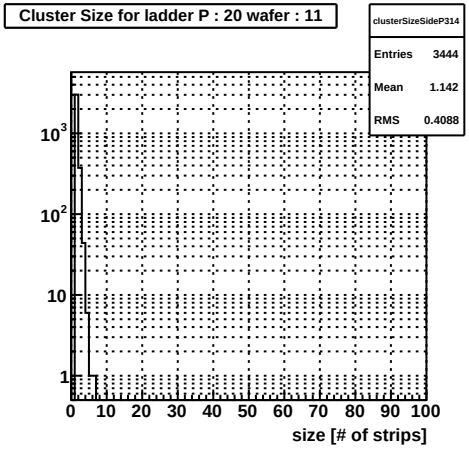

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 11699
Mean 1.078
RMS 0.3061
size [# of strips]

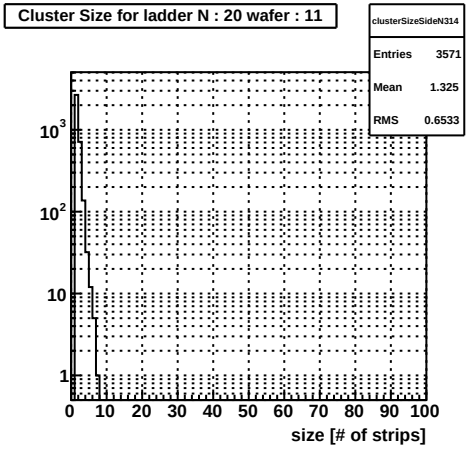

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 7897
Mean 1.251
RMS 0.6034
size [# of strips]

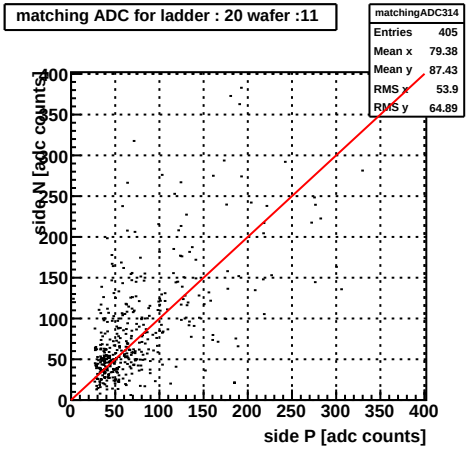

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 782
Mean x 48.9
Mean y 60.74
RMS x 41.49
RMS y 58.53
side N [adc counts]
side P [adc counts]

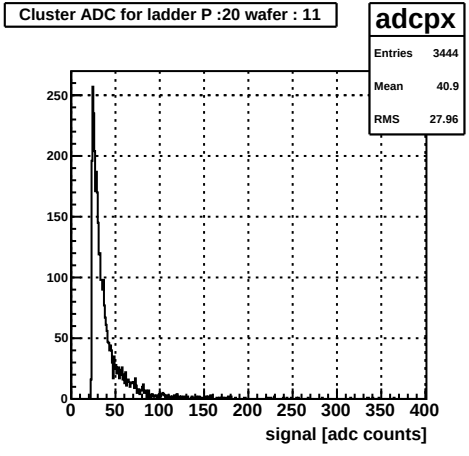

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 11699
Mean 32.48
RMS 18.81
signal [adc counts]

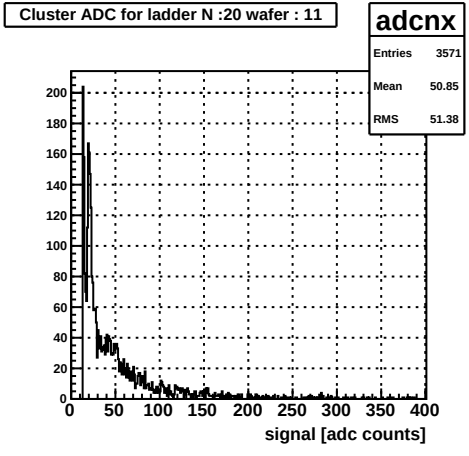

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 7897
Mean 35.44
RMS 39.85
signal [adc counts]

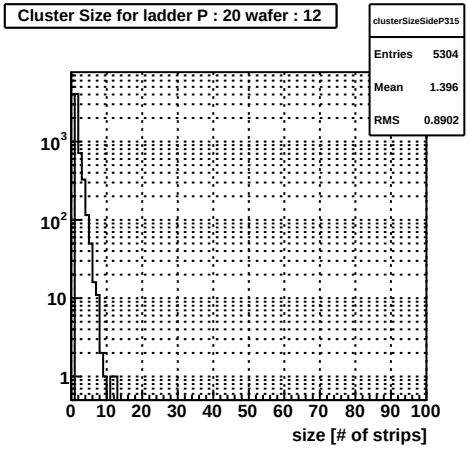

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 3444
Mean 1.142
RMS 0.4088
size [# of strips]

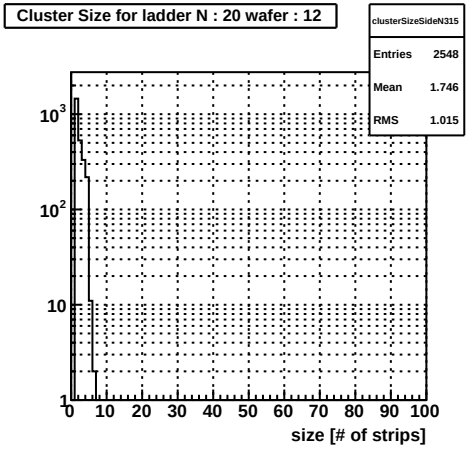

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3571
Mean 1.325
RMS 0.6533
size [# of strips]

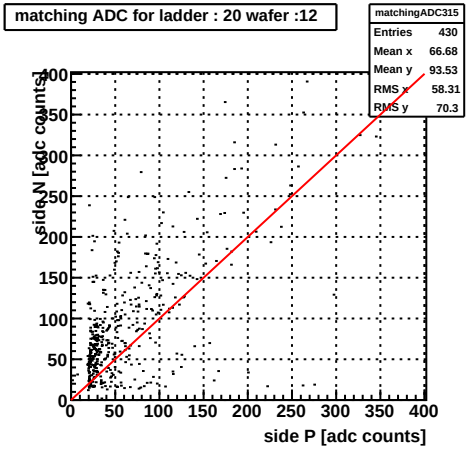

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 405
Mean x 79.38
Mean y 87.43
RMS x 53.9
RMS y 64.89
side N [adc counts]
side P [adc counts]

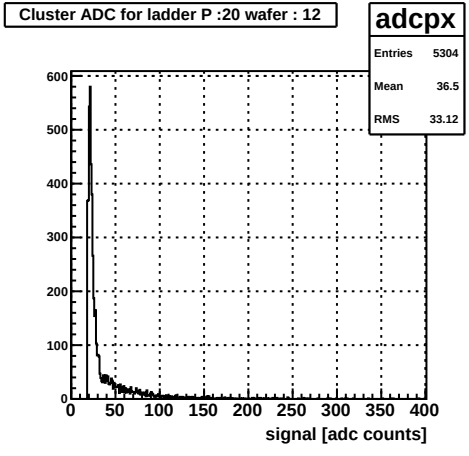

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 3444
Mean 40.9
RMS 27.96
signal [adc counts]

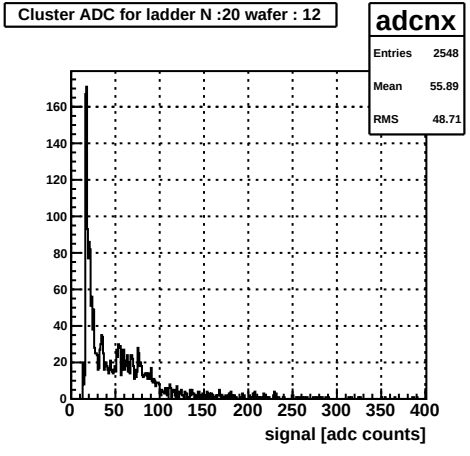

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3571
Mean 50.85
RMS 51.38
signal [adc counts]

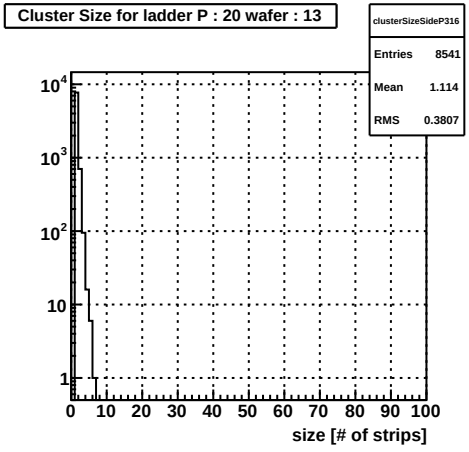

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5304
Mean 1.396
RMS 0.8902
size [# of strips]

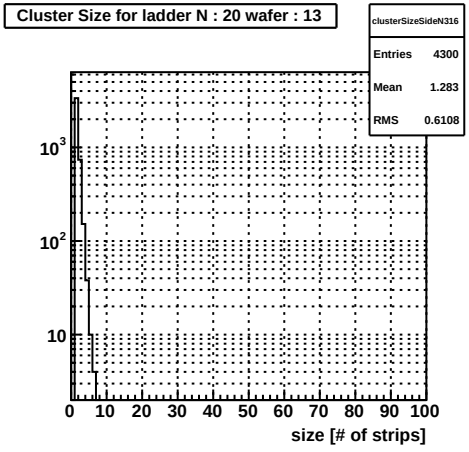

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2548
Mean 1.746
RMS 1.015
size [# of strips]

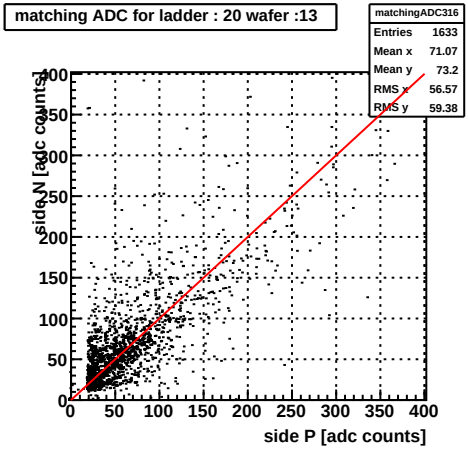

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 430
Mean x 66.68
Mean y 93.53
RMS x 58.31
RMS y 70.3
side N [adc counts]
side P [adc counts]

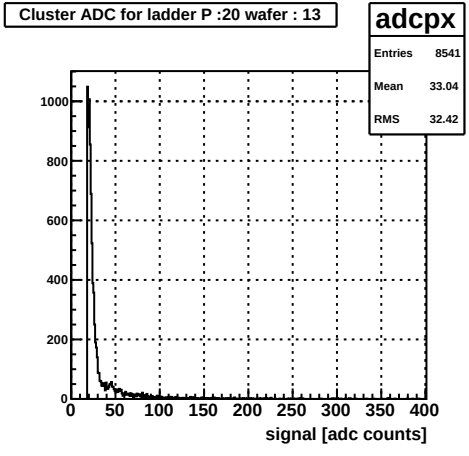

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5304
Mean 36.5
RMS 33.12
signal [adc counts]

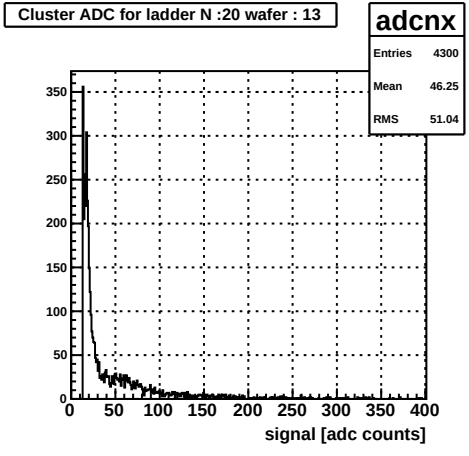

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2548
Mean 55.89
RMS 48.71
signal [adc counts]

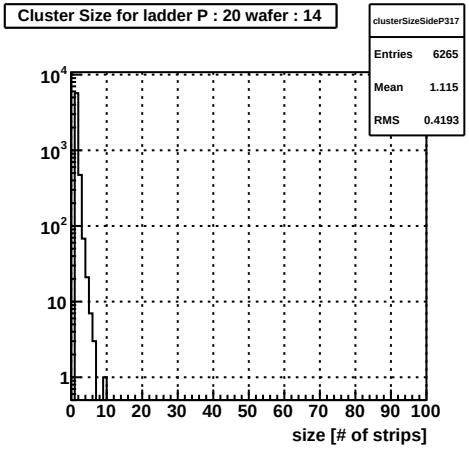

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 8541
Mean 1.114
RMS 0.3807
size [# of strips]

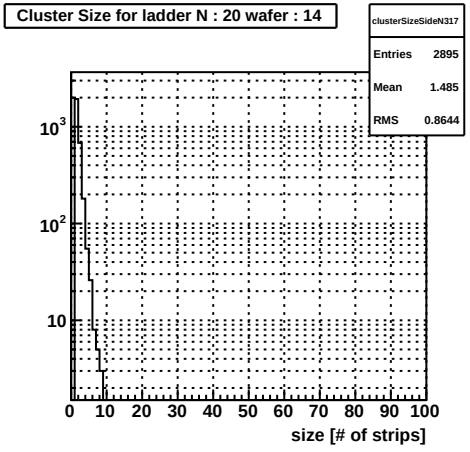

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4300
Mean 1.283
RMS 0.6108
size [# of strips]

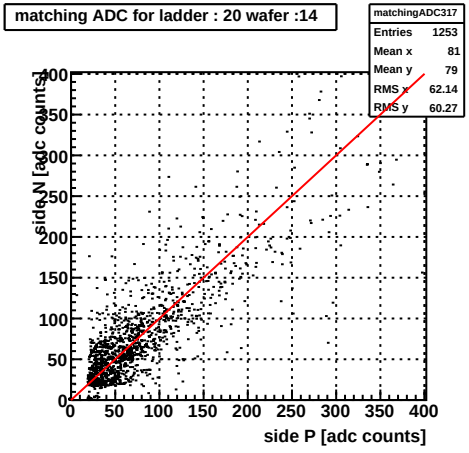

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1633
Mean x 71.07
Mean y 73.2
RMS x 56.57
RMS y 59.38
side N [adc counts]
side P [adc counts]

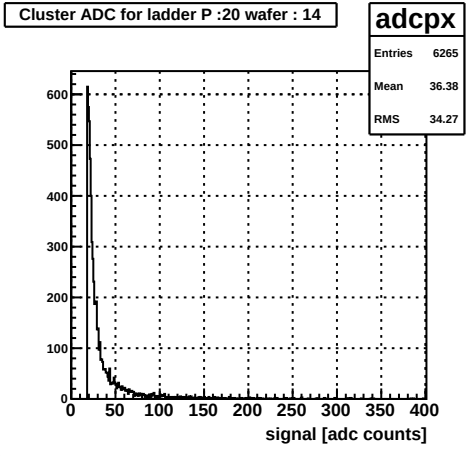

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 8541
Mean 33.04
RMS 32.42
signal [adc counts]

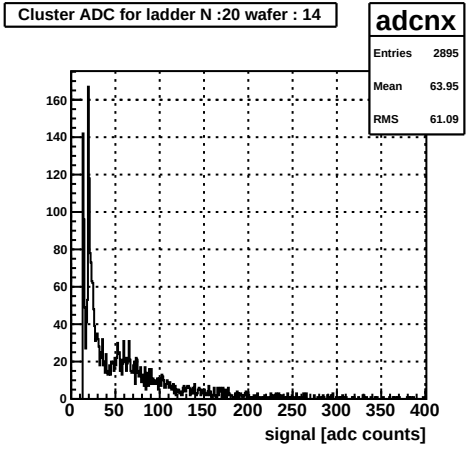

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4300
Mean 46.25
RMS 51.04
signal [adc counts]

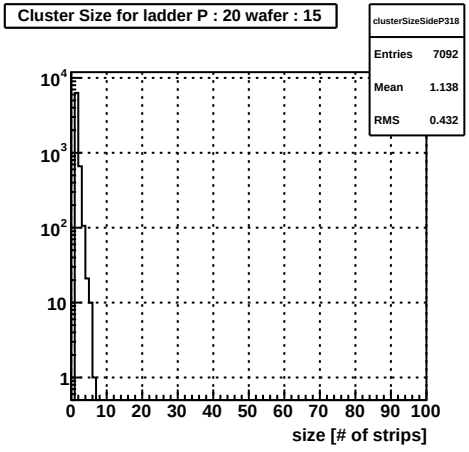

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 6265
Mean 1.115
RMS 0.4193
size [# of strips]

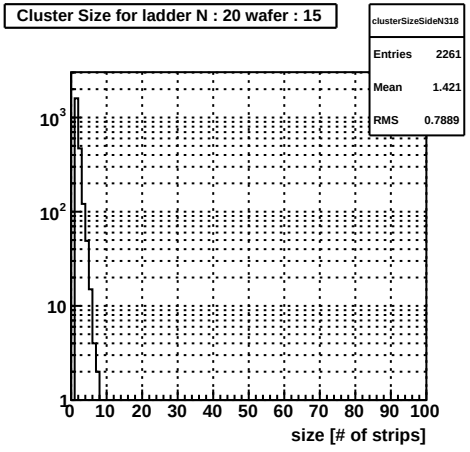

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2895
Mean 1.485
RMS 0.8644
size [# of strips]

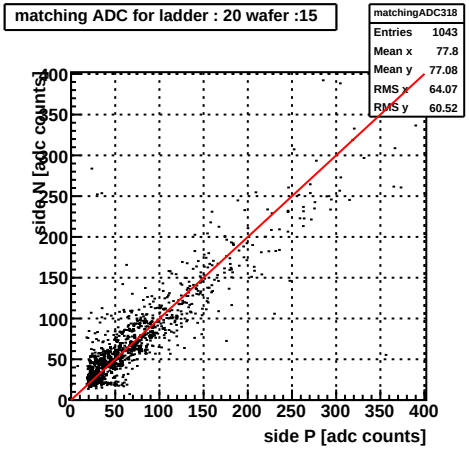

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 1253
Mean x 81
Mean y 79
RMS x 62.14
RMS y 60.27
side N [adc counts]
side P [adc counts]

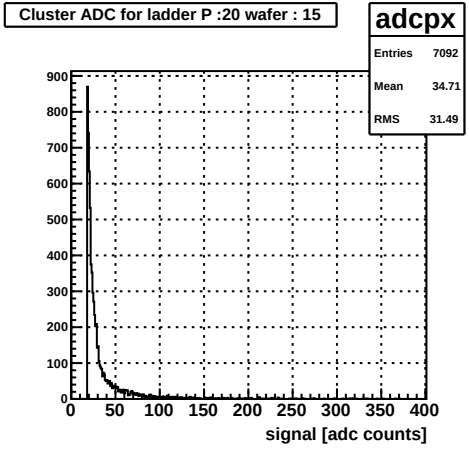

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 6265
Mean 36.38
RMS 34.27
signal [adc counts]

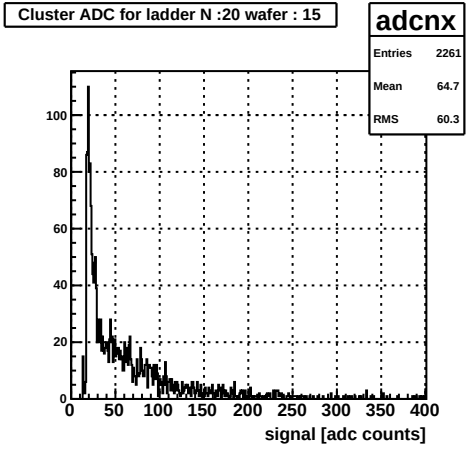

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2895
Mean 63.95
RMS 61.09
signal [adc counts]

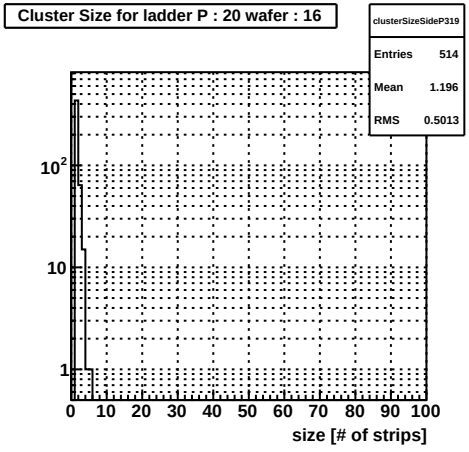

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 7092
Mean 1.138
RMS 0.432
size [# of strips]

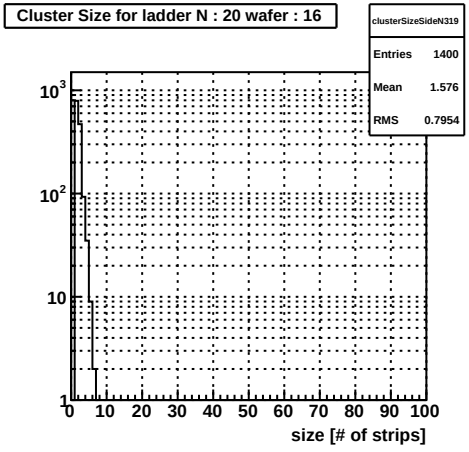

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2261
Mean 1.421
RMS 0.7889
size [# of strips]

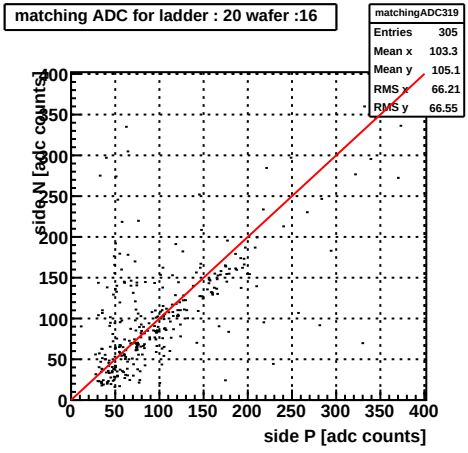

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 1043
Mean x 77.8
Mean y 77.08
RMS x 64.07
RMS y 60.52
side N [adc counts]
side P [adc counts]

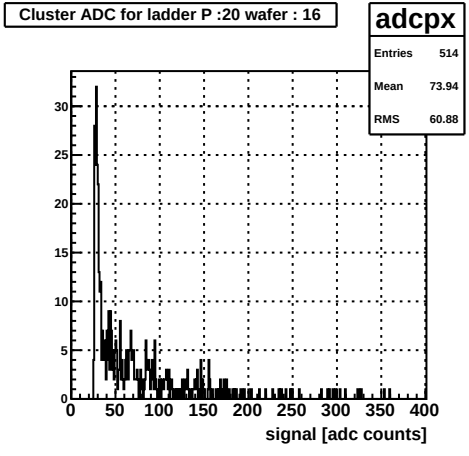

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 7092
Mean 34.71
RMS 31.49
signal [adc counts]

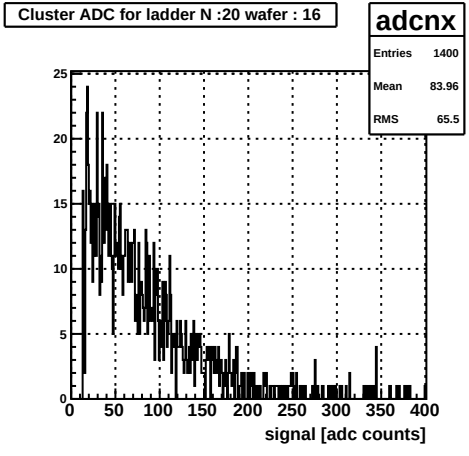

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2261
Mean 64.7
RMS 60.3
signal [adc counts]

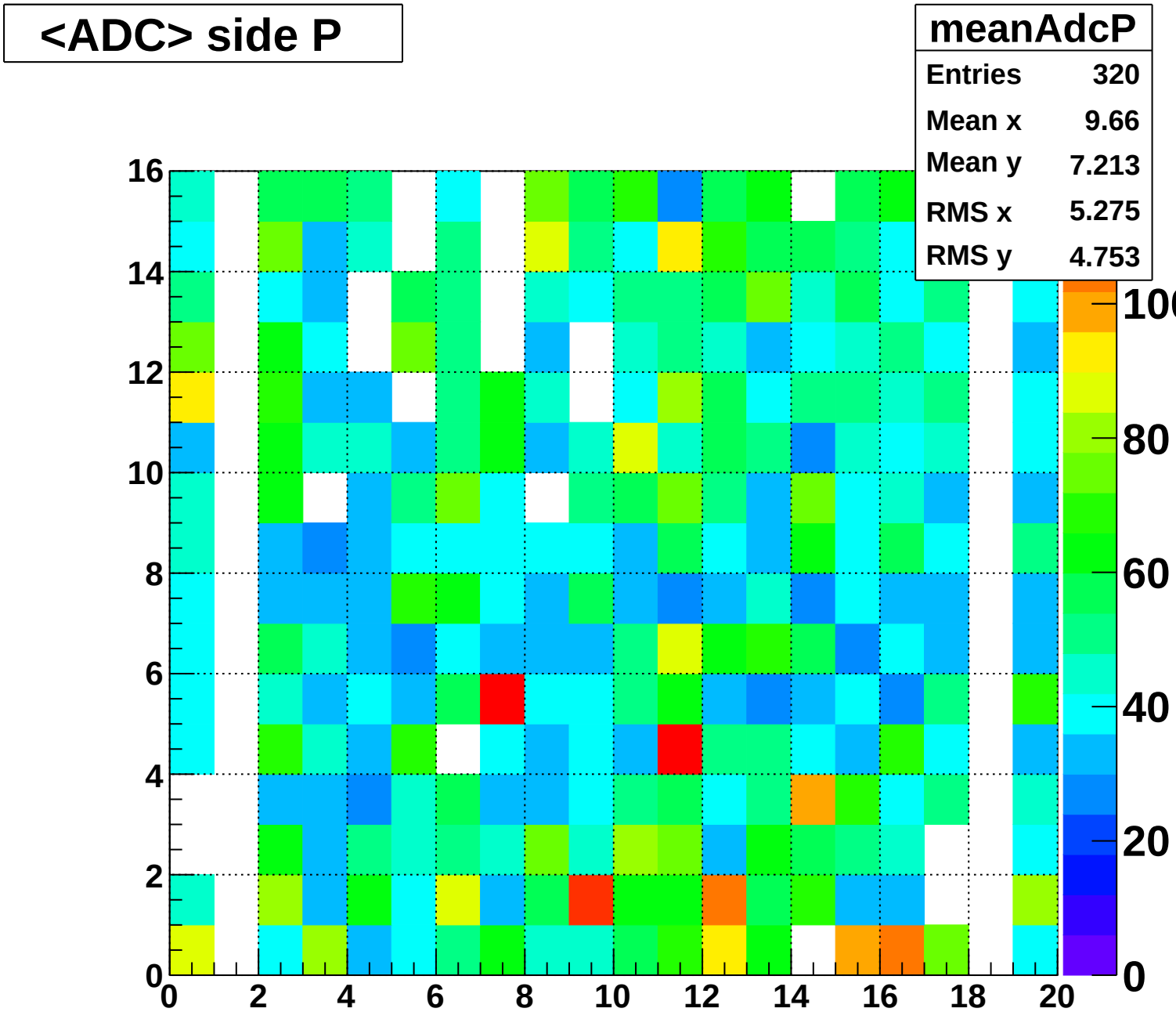

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 514
Mean 1.196
RMS 0.5013
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 1400
Mean 1.576
RMS 0.7954
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 305
Mean x 103.3
Mean y 105.1
RMS x 66.21
RMS y 66.55
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 514
Mean 73.94
RMS 60.88
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 1400
Mean 83.96
RMS 65.5
signal [adc counts]



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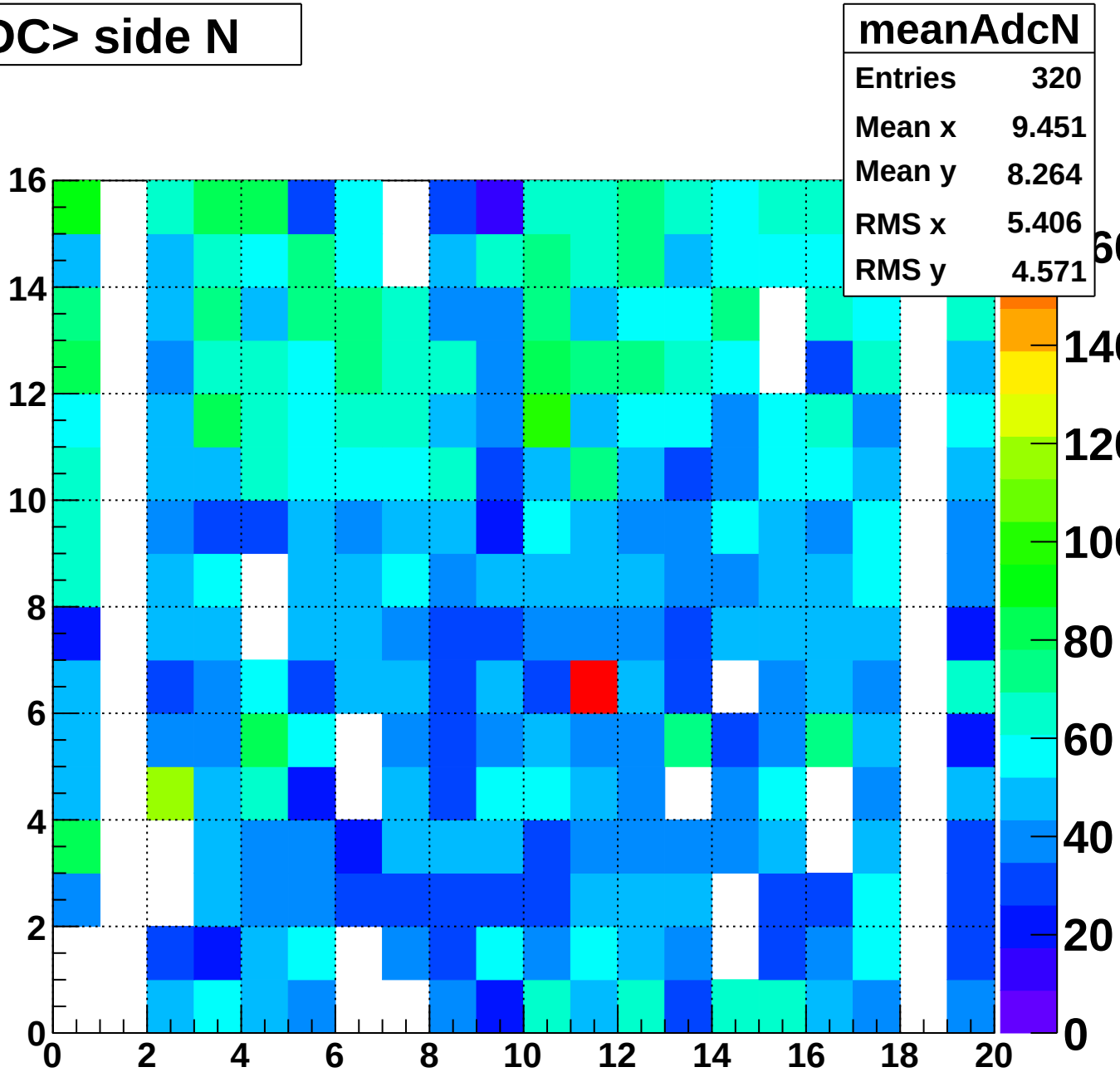
<ADC> side N



2016-05-19 22:03:51