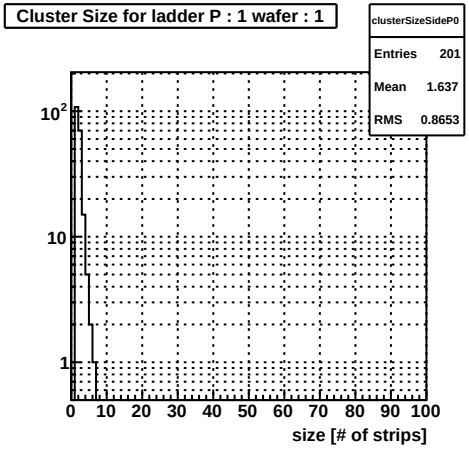
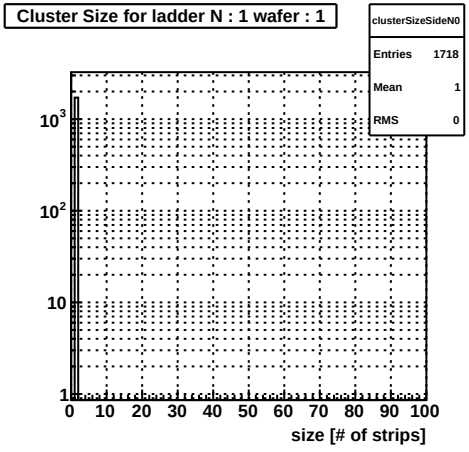
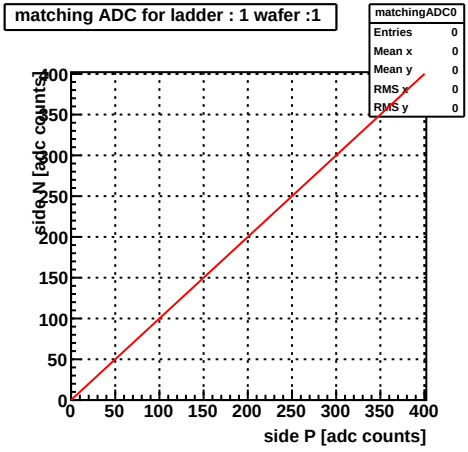
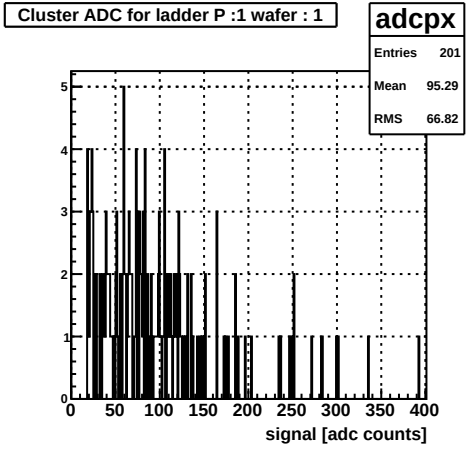
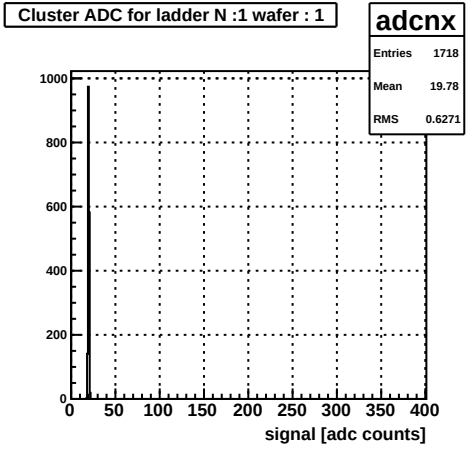
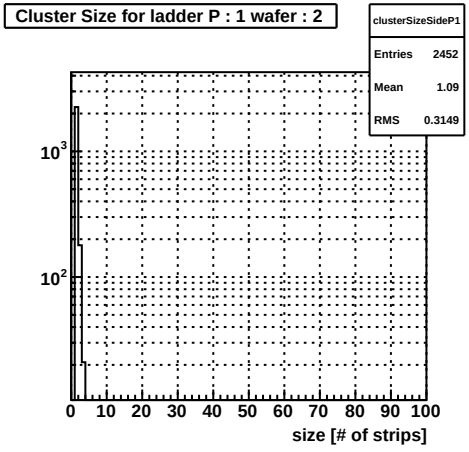

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 201
Mean 1.637
RMS 0.8653
size [# of strips]

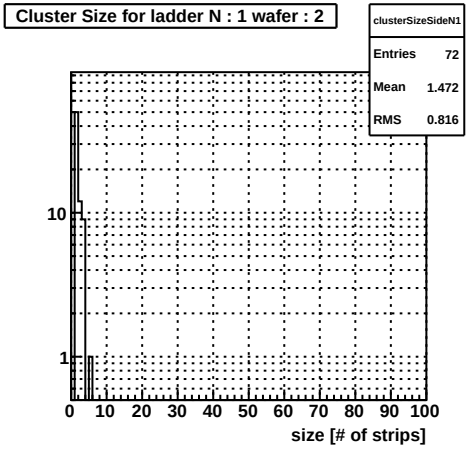

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 1718
Mean 1
RMS 0
size [# of strips]

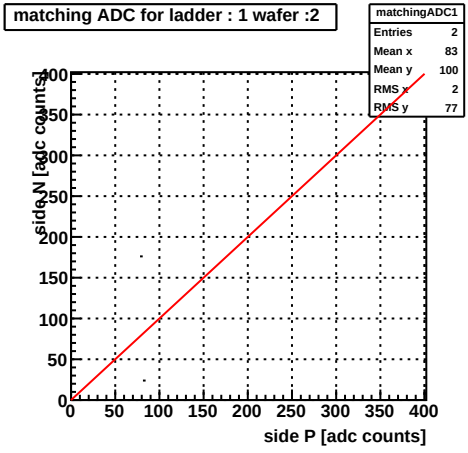

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

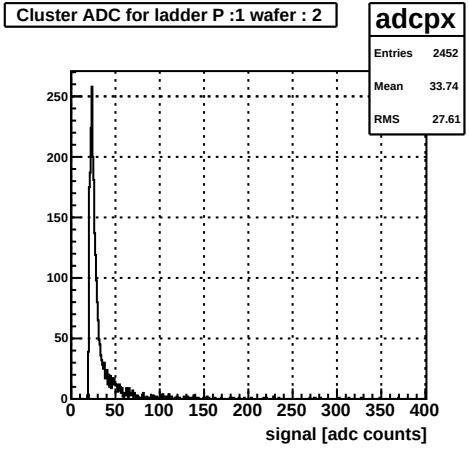

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 201
Mean 95.29
RMS 66.82
signal [adc counts]

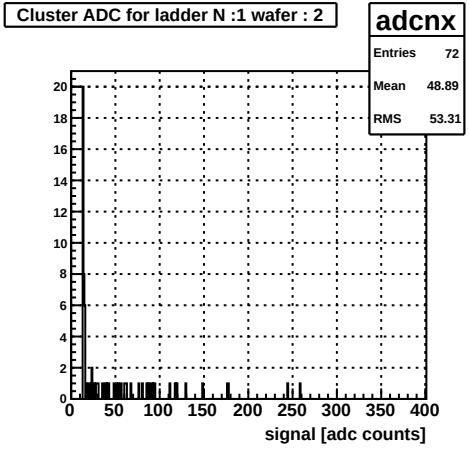

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 1718
Mean 19.78
RMS 0.6271
signal [adc counts]

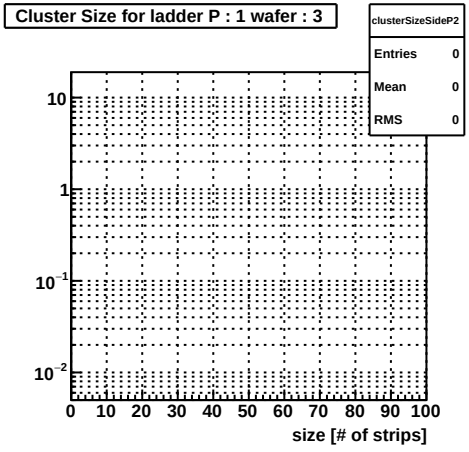

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 2452
Mean 1.09
RMS 0.3149
size [# of strips]

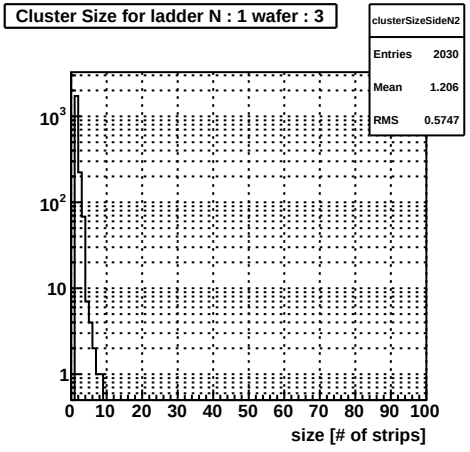

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 72
Mean 1.472
RMS 0.816
size [# of strips]

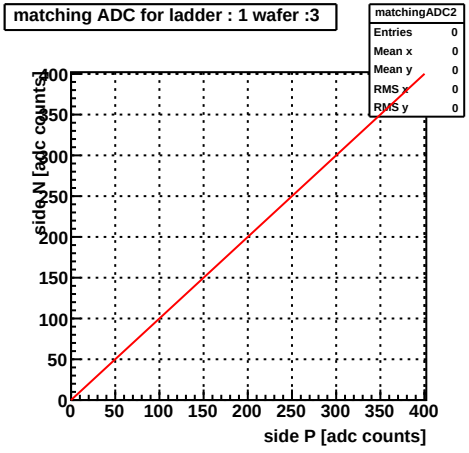

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 2
Mean x 83
Mean y 100
RMS x 2
RMS y 77
side N [adc counts]
side P [adc counts]

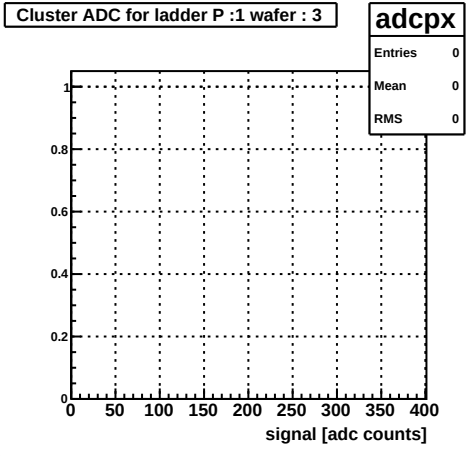

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 2452
Mean 33.74
RMS 27.61
signal [adc counts]

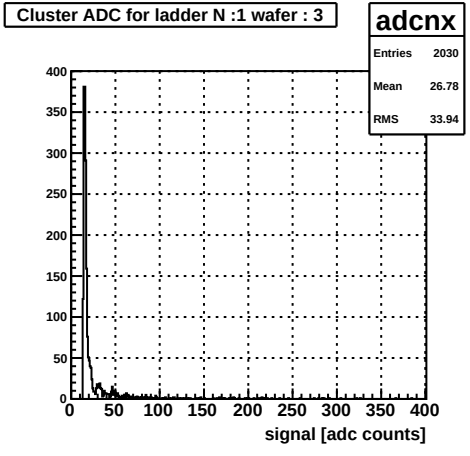

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 72
Mean 48.89
RMS 53.31
signal [adc counts]

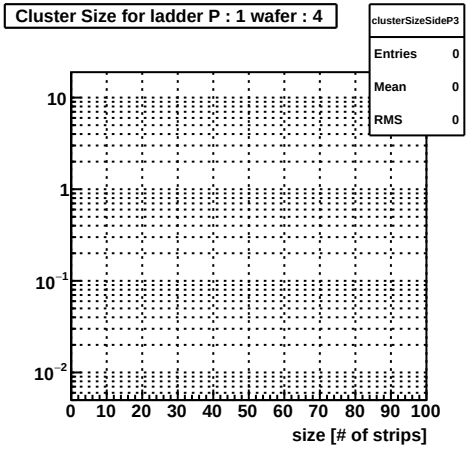

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

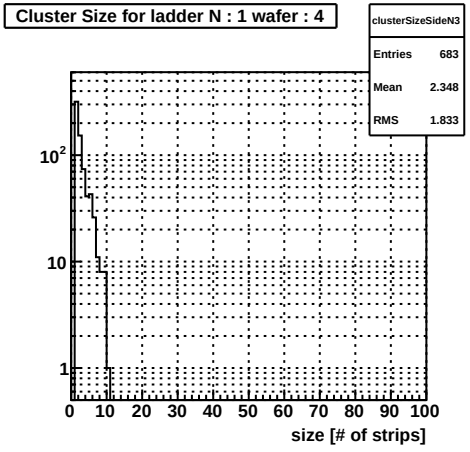

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 2030
Mean 1.206
RMS 0.5747
size [# of strips]

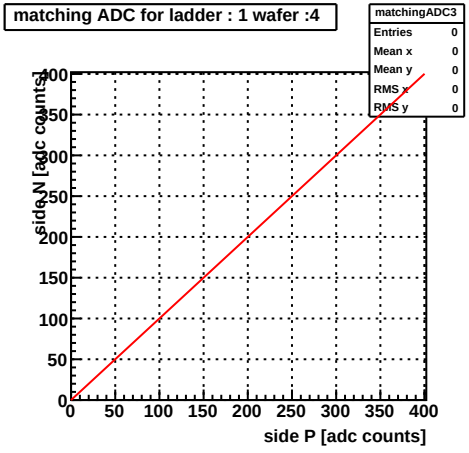

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

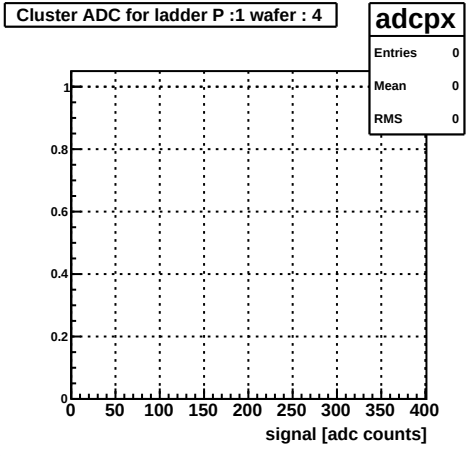

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

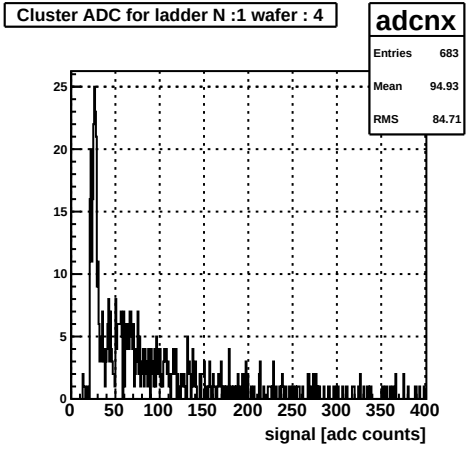

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 2030
Mean 26.78
RMS 33.94
signal [adc counts]

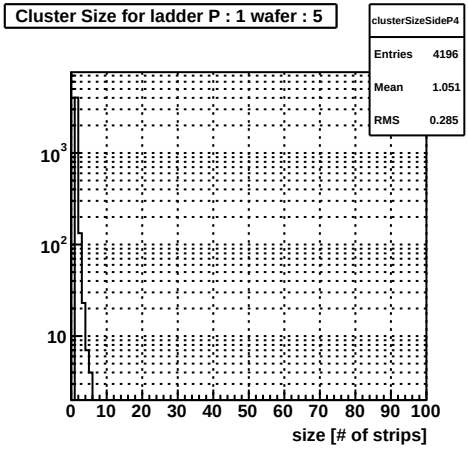

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

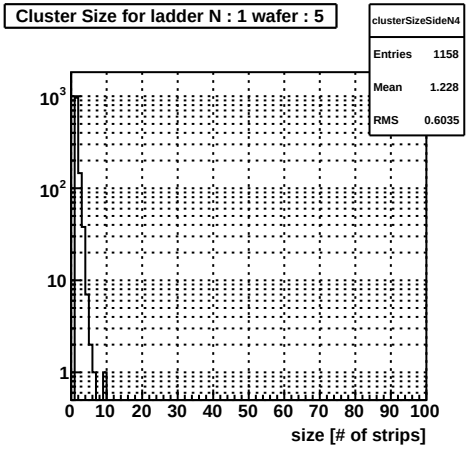

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 683
Mean 2.348
RMS 1.833
size [# of strips]

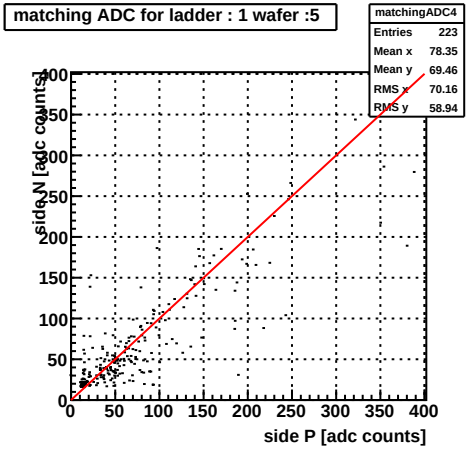

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

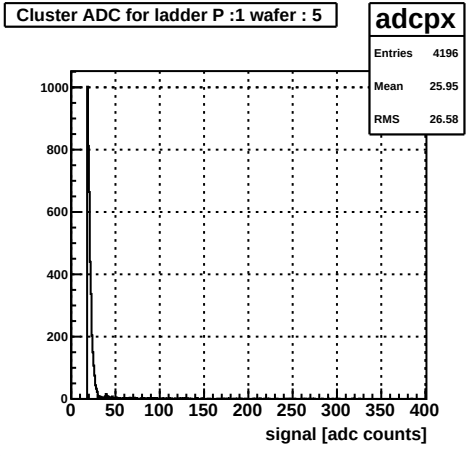

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

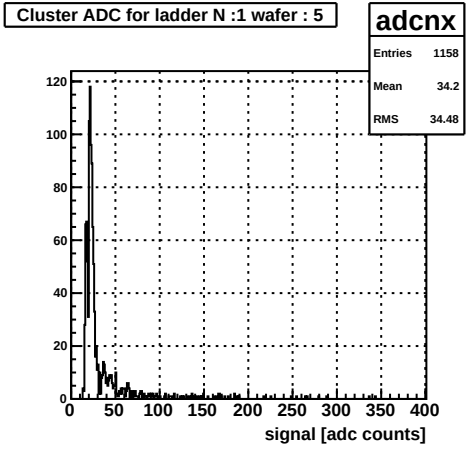

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 683
Mean 94.93
RMS 84.71
signal [adc counts]

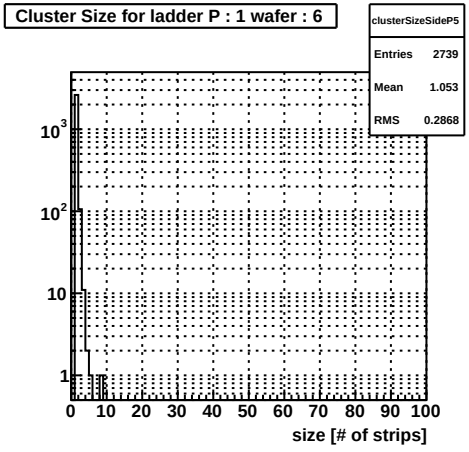

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 4196
Mean 1.051
RMS 0.285
size [# of strips]

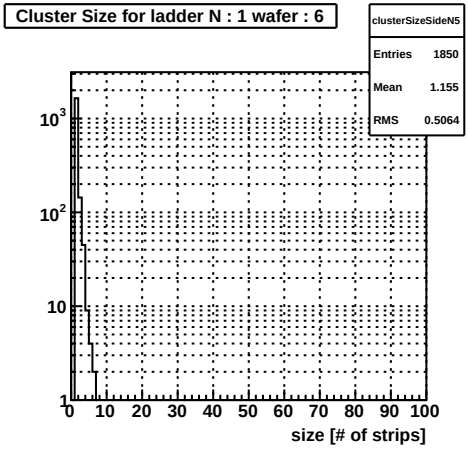

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 1158
Mean 1.228
RMS 0.6035
size [# of strips]

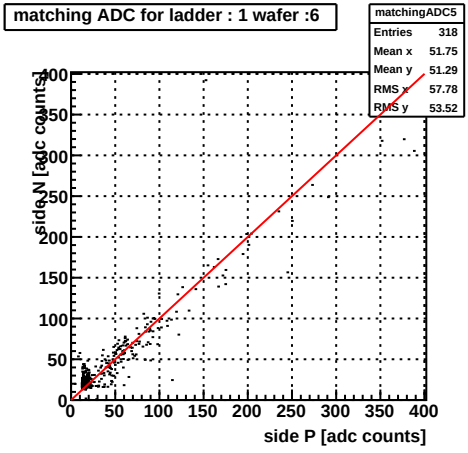

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 223
Mean x 78.35
Mean y 69.46
RMS x 70.16
RMS y 58.94
side N [adc counts]
side P [adc counts]

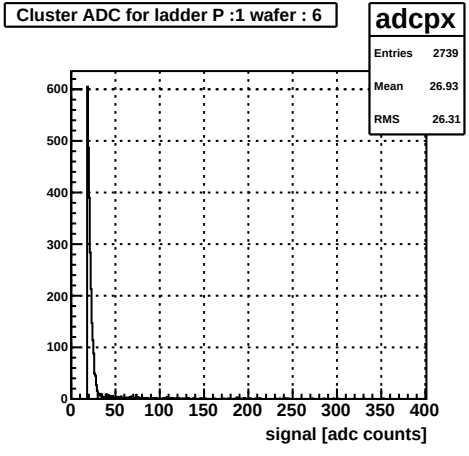

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 4196
Mean 25.95
RMS 26.58
signal [adc counts]

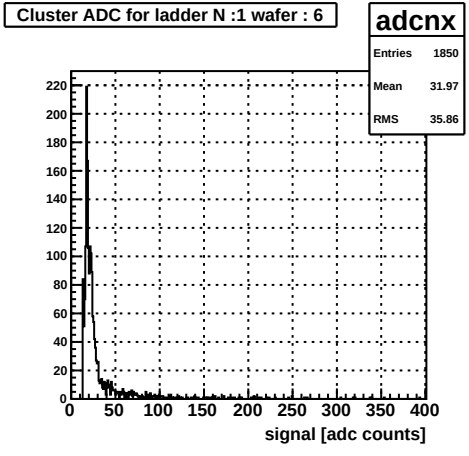

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 1158
Mean 34.2
RMS 34.48
signal [adc counts]

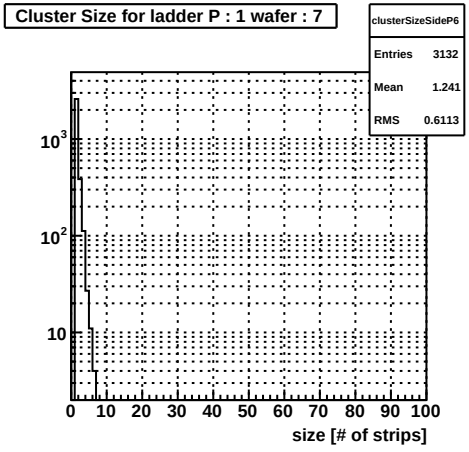

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 2739
Mean 1.053
RMS 0.2868
size [# of strips]

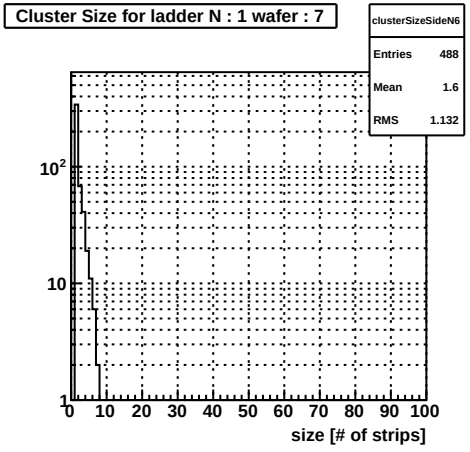

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 1850
Mean 1.155
RMS 0.5064
size [# of strips]

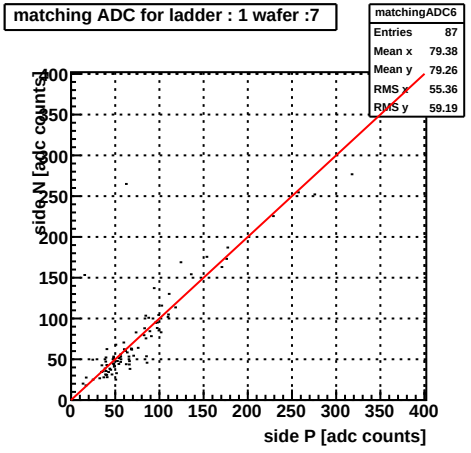

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 318
Mean x 51.75
Mean y 51.29
RMS x 57.78
RMS y 53.52
side N [adc counts]
side P [adc counts]

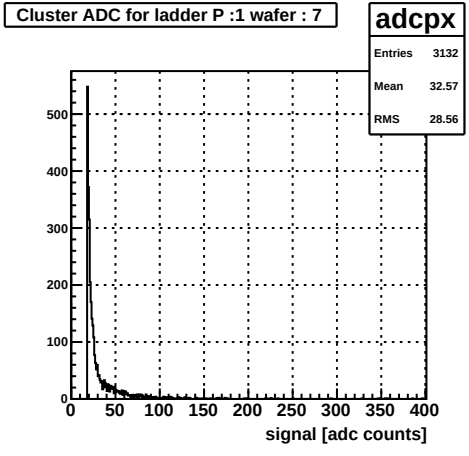

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 2739
Mean 26.93
RMS 26.31
signal [adc counts]

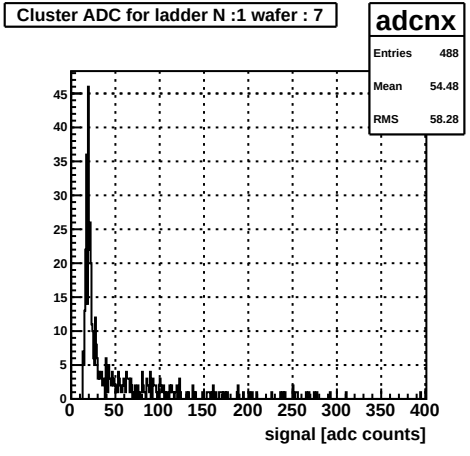

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 1850
Mean 31.97
RMS 35.86
signal [adc counts]

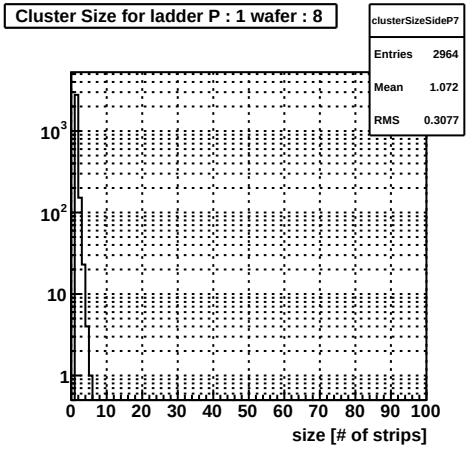

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 3132
Mean 1.241
RMS 0.6113
size [# of strips]

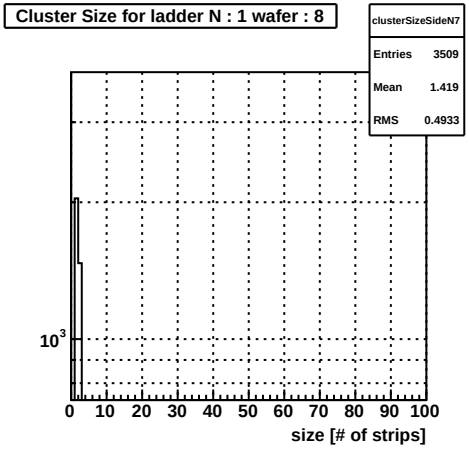

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 488
Mean 1.6
RMS 1.132
size [# of strips]

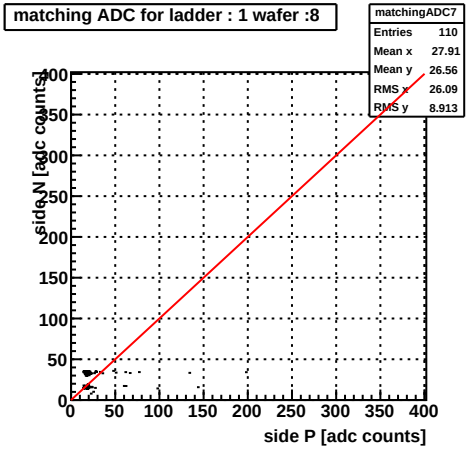

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 87
Mean x 79.38
Mean y 79.26
RMS x 55.36
RMS y 59.19
side N [adc counts]
side P [adc counts]

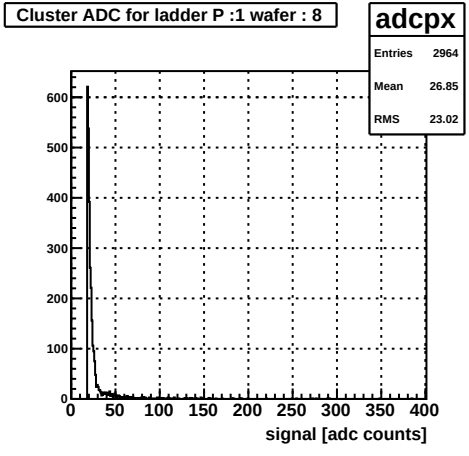

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 3132
Mean 32.57
RMS 28.56
signal [adc counts]

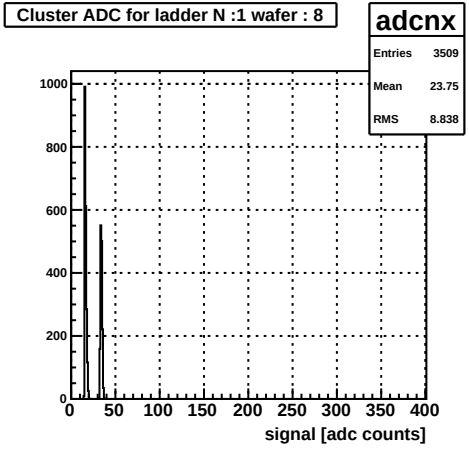

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 488
Mean 54.48
RMS 58.28
signal [adc counts]

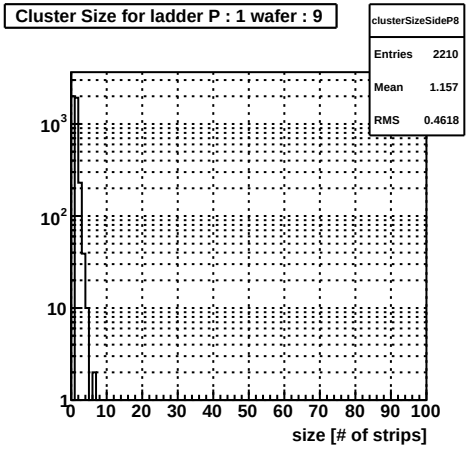

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 2964
Mean 1.072
RMS 0.3077
size [# of strips]

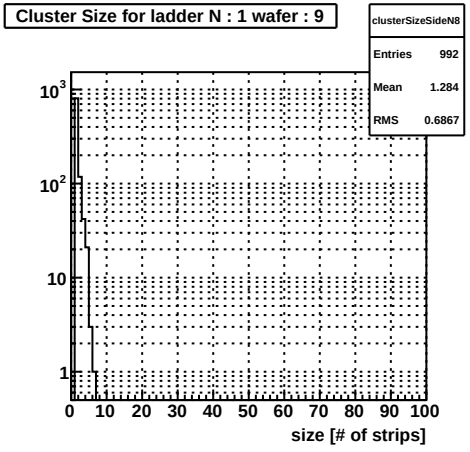

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 3509
Mean 1.419
RMS 0.4933
size [# of strips]

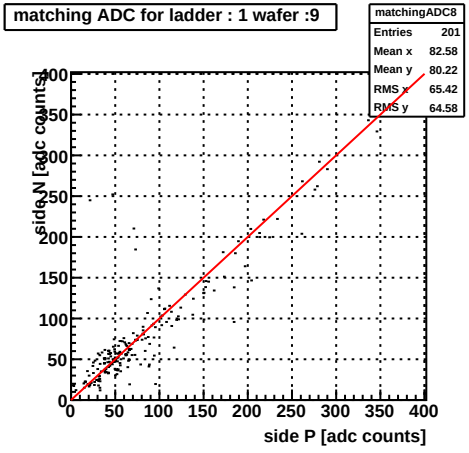

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 110
Mean x 27.91
Mean y 26.56
RMS x 26.09
RMS y 8.913
side N [adc counts]
side P [adc counts]

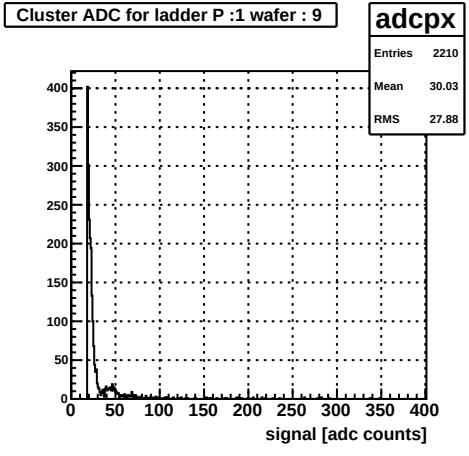

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 2964
Mean 26.85
RMS 23.02
signal [adc counts]

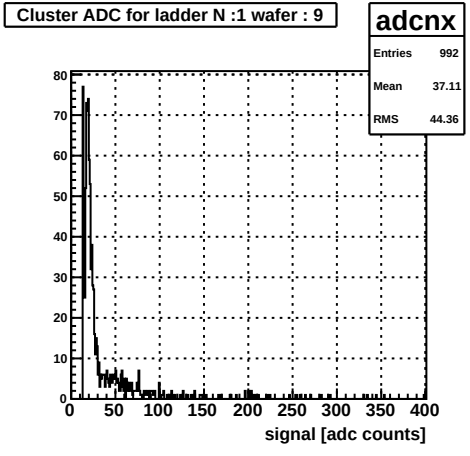

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 3509
Mean 23.75
RMS 8.838
signal [adc counts]

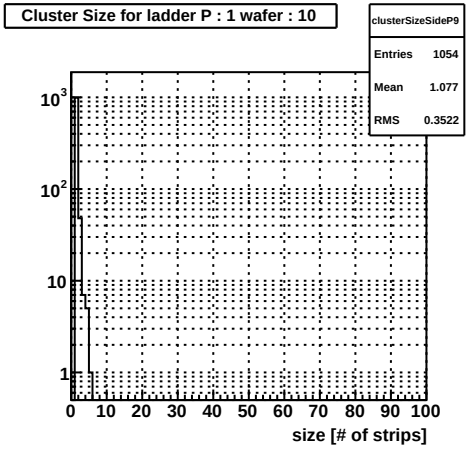

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 2210
Mean 1.157
RMS 0.4618
size [# of strips]

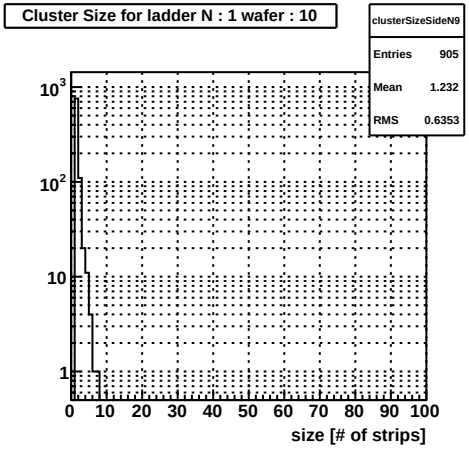

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 992
Mean 1.284
RMS 0.6867
size [# of strips]

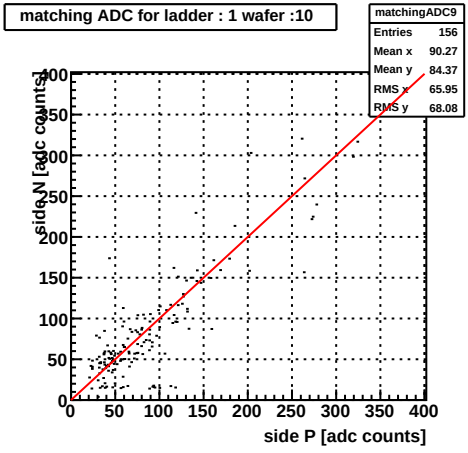

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 201
Mean x 82.58
Mean y 80.22
RMS x 65.42
RMS y 64.58
side N [adc counts]
side P [adc counts]

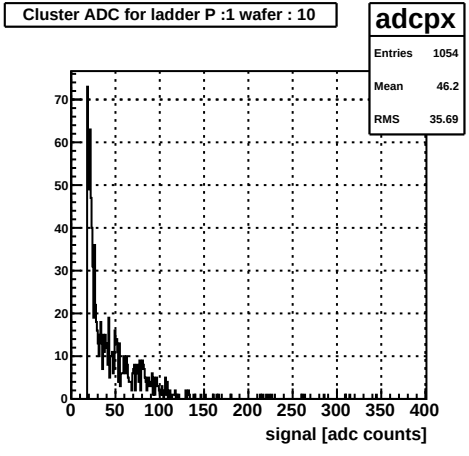

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 2210
Mean 30.03
RMS 27.88
signal [adc counts]

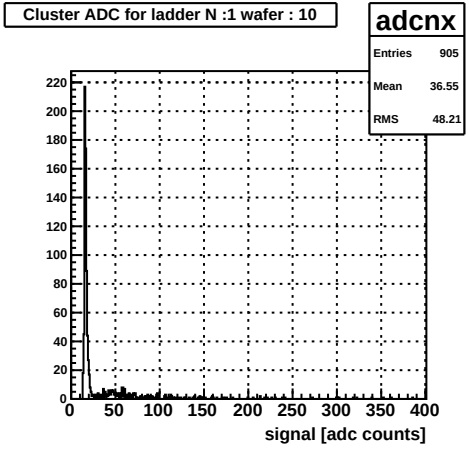

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 992
Mean 37.11
RMS 44.36
signal [adc counts]

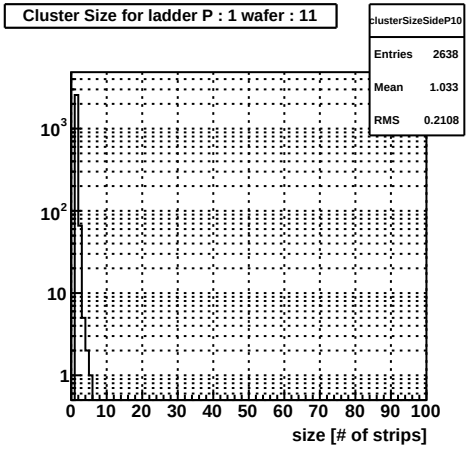

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 1054
Mean 1.077
RMS 0.3522
size [# of strips]

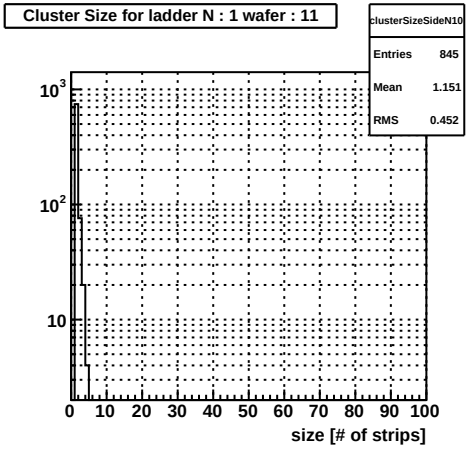

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 905
Mean 1.232
RMS 0.6353
size [# of strips]

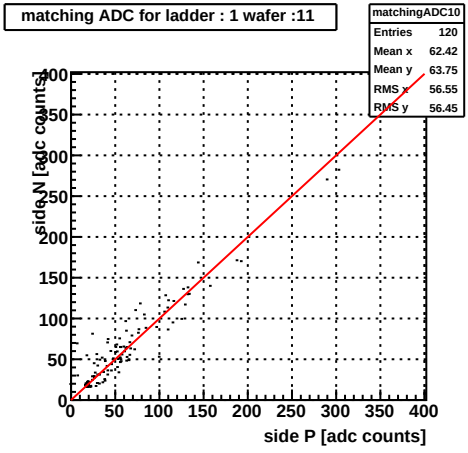

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 156
Mean x 90.27
Mean y 84.37
RMS x 65.95
RMS y 68.08
side N [adc counts]
side P [adc counts]

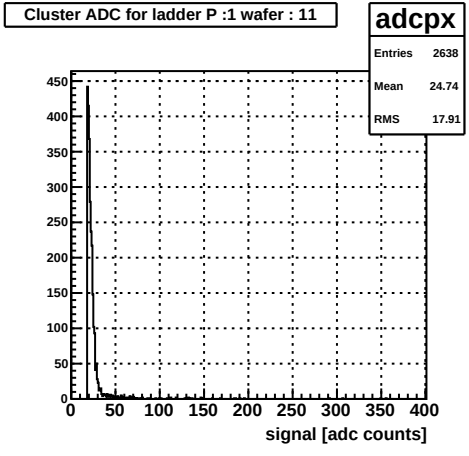

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 1054
Mean 46.2
RMS 35.69
signal [adc counts]

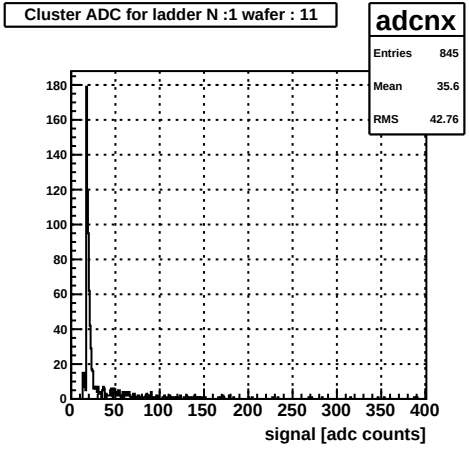

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 905
Mean 36.55
RMS 48.21
signal [adc counts]

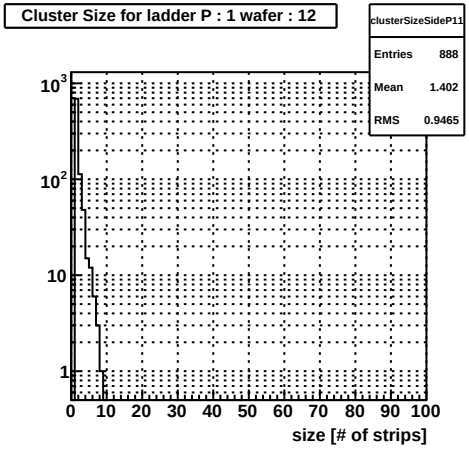

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 2638
Mean 1.033
RMS 0.2108
size [# of strips]

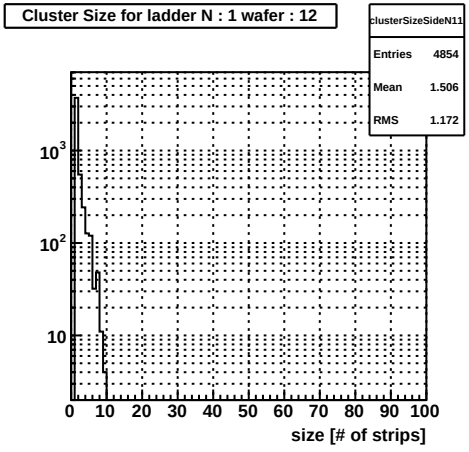

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 845
Mean 1.151
RMS 0.452
size [# of strips]

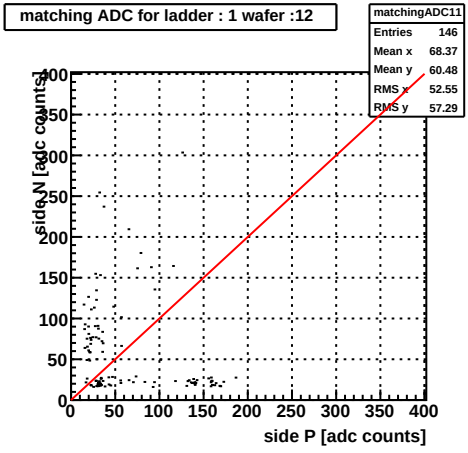

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 120
Mean x 62.42
Mean y 63.75
RMS x 56.55
RMS y 56.45
side N [adc counts]
side P [adc counts]

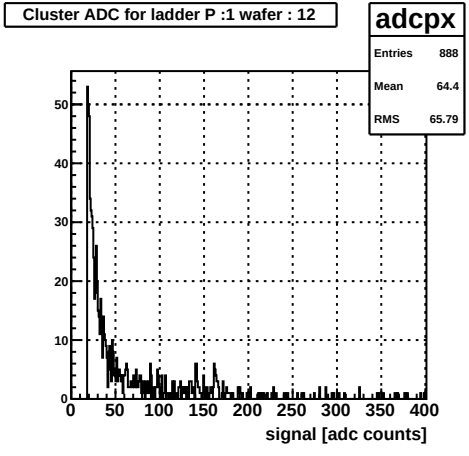

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 2638
Mean 24.74
RMS 17.91
signal [adc counts]

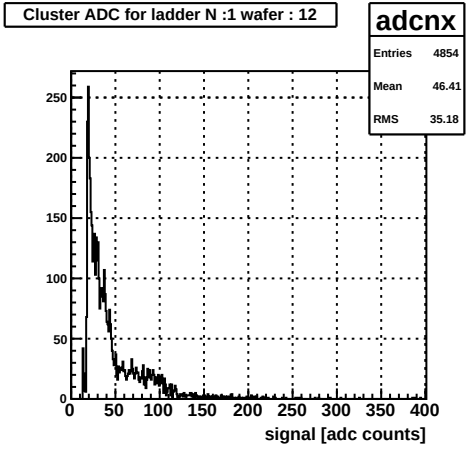

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 845
Mean 35.6
RMS 42.76
signal [adc counts]

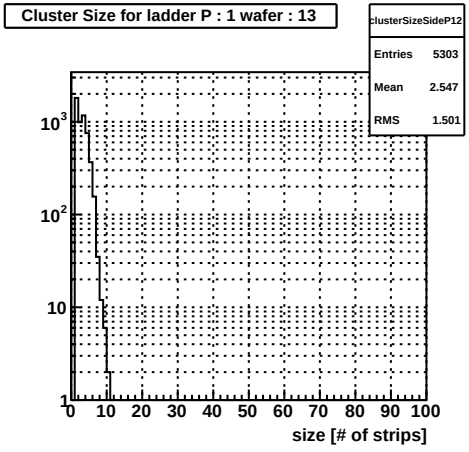

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 888
Mean 1.402
RMS 0.9465
size [# of strips]

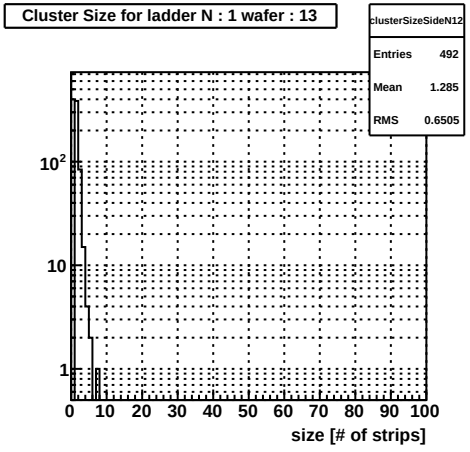

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 4854
Mean 1.506
RMS 1.172
size [# of strips]

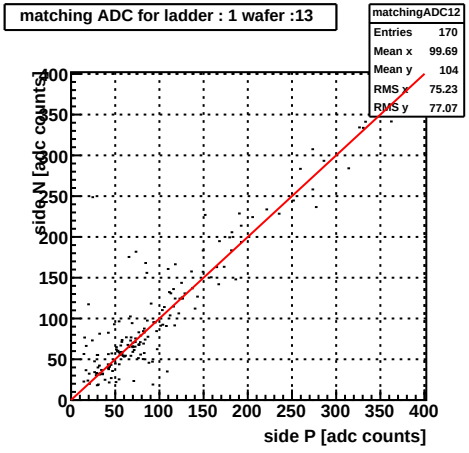

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 146
Mean x 68.37
Mean y 60.48
RMS x 52.55
RMS y 57.29
side N [adc counts]
side P [adc counts]

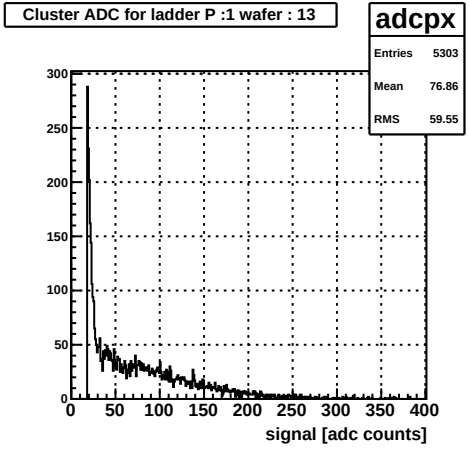

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 888
Mean 64.4
RMS 65.79
signal [adc counts]

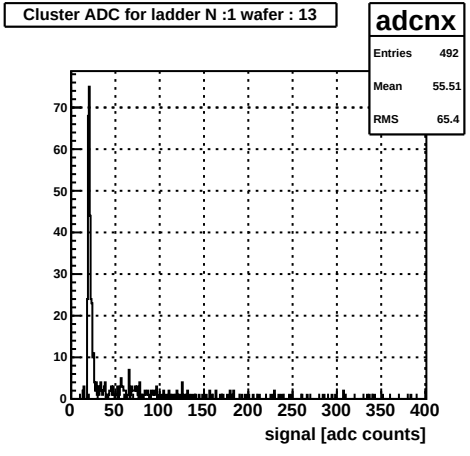

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 4854
Mean 46.41
RMS 35.18
signal [adc counts]

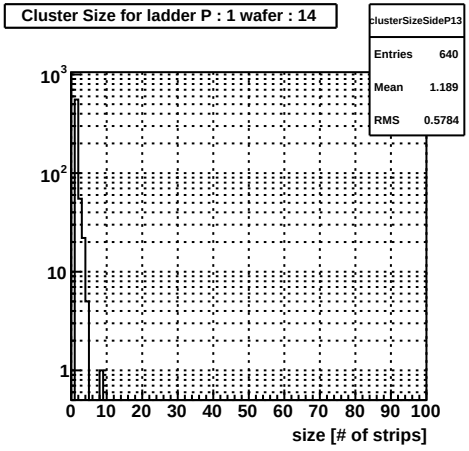

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 5303
Mean 2.547
RMS 1.501
size [# of strips]

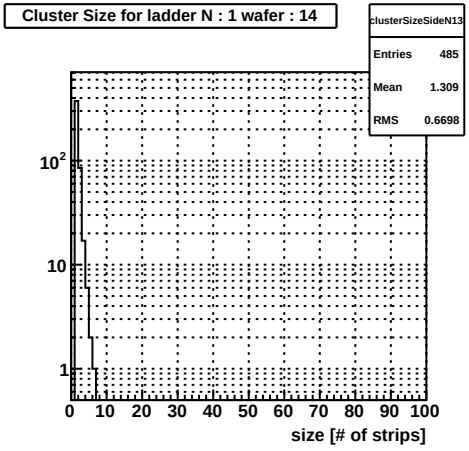

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 492
Mean 1.285
RMS 0.6505
size [# of strips]

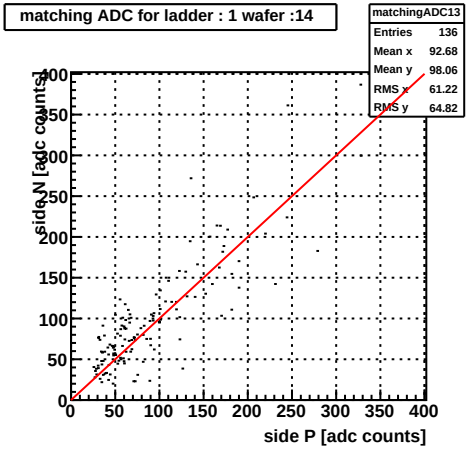

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 170
Mean x 99.69
Mean y 104
RMS x 75.23
RMS y 77.07
side N [adc counts]
side P [adc counts]

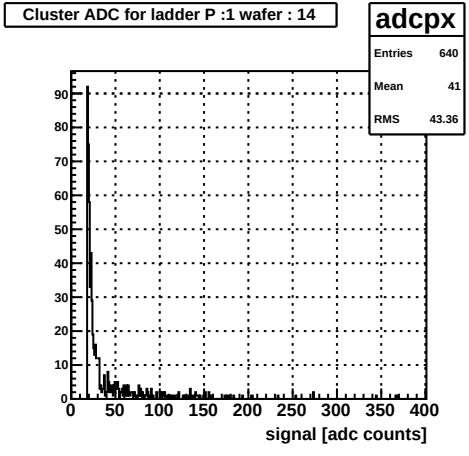

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 5303
Mean 76.86
RMS 59.55
signal [adc counts]

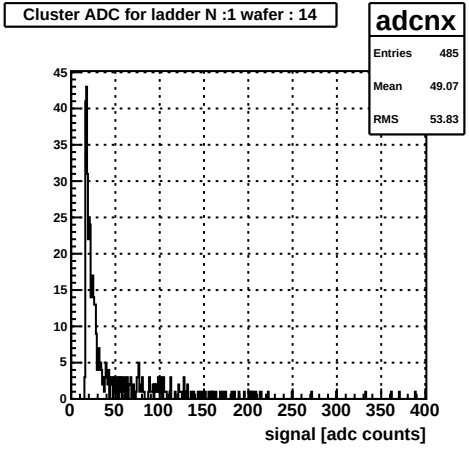

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 492
Mean 55.51
RMS 65.4
signal [adc counts]

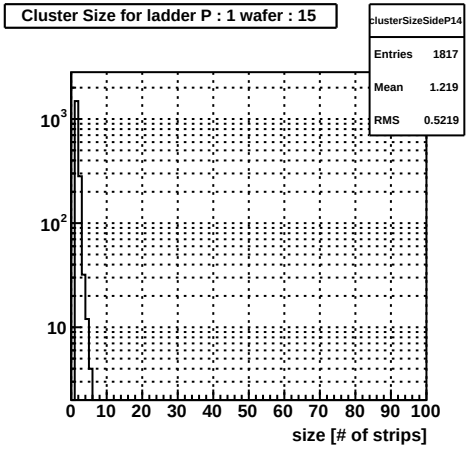

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 640
Mean 1.189
RMS 0.5784
size [# of strips]

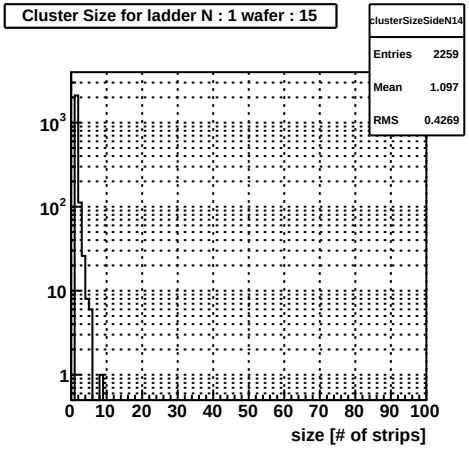

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 485
Mean 1.309
RMS 0.6698
size [# of strips]

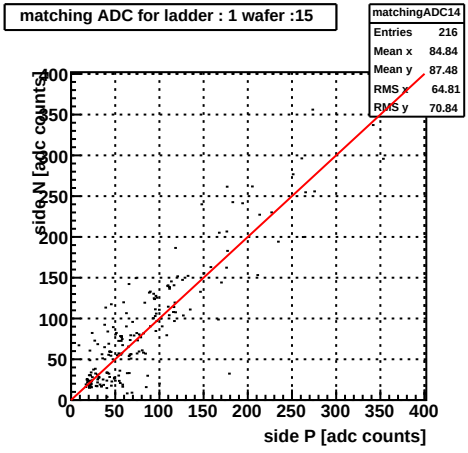

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 136
Mean x 92.68
Mean y 98.06
RMS x 61.22
RMS y 64.82
side N [adc counts]
side P [adc counts]

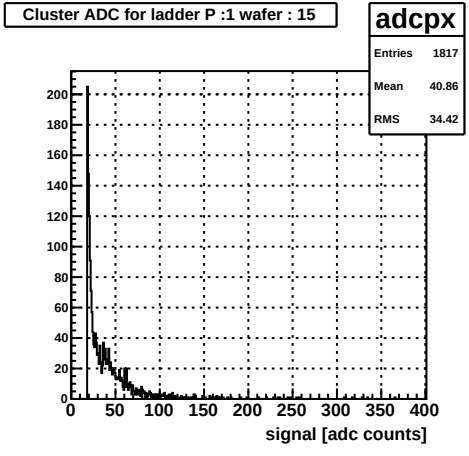

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 640
Mean 41
RMS 43.36
signal [adc counts]

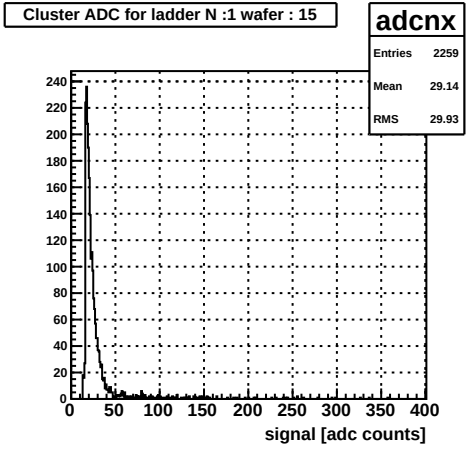

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 485
Mean 49.07
RMS 53.83
signal [adc counts]

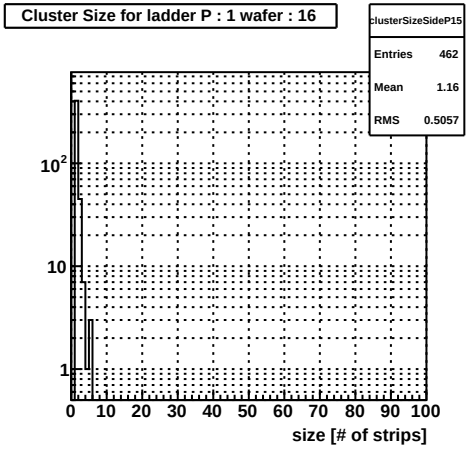

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 1817
Mean 1.219
RMS 0.5219
size [# of strips]

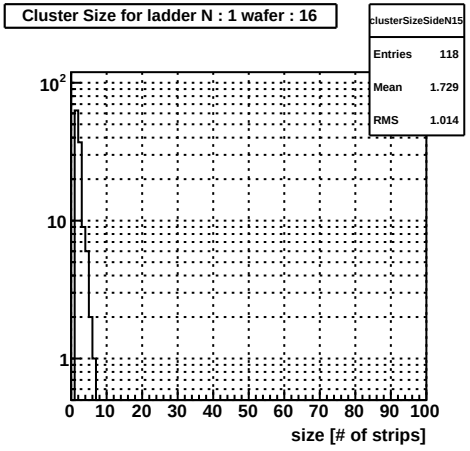

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 2259
Mean 1.097
RMS 0.4269
size [# of strips]

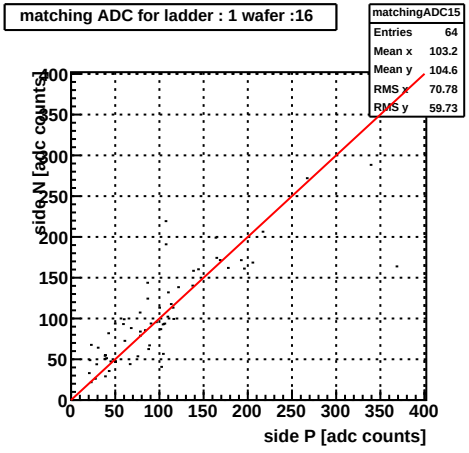

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 216
Mean x 84.84
Mean y 87.48
RMS x 64.81
RMS y 70.84
side N [adc counts]
side P [adc counts]

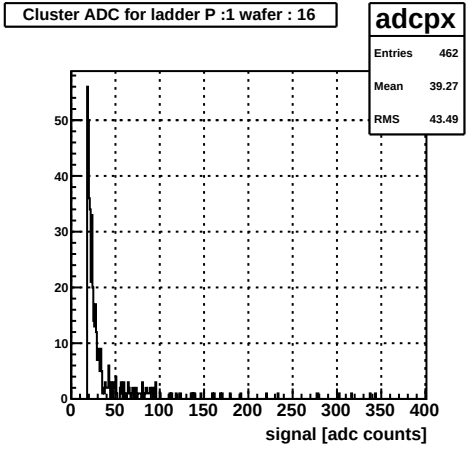

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 1817
Mean 40.86
RMS 34.42
signal [adc counts]

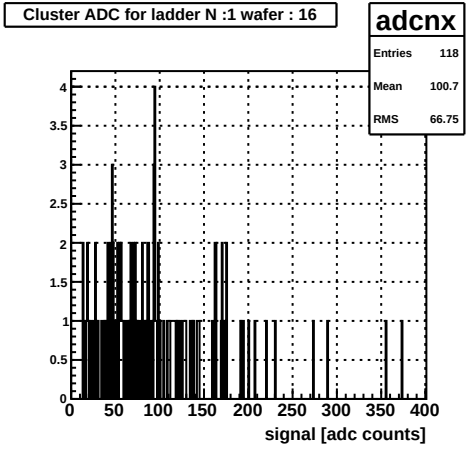

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 2259
Mean 29.14
RMS 29.93
signal [adc counts]

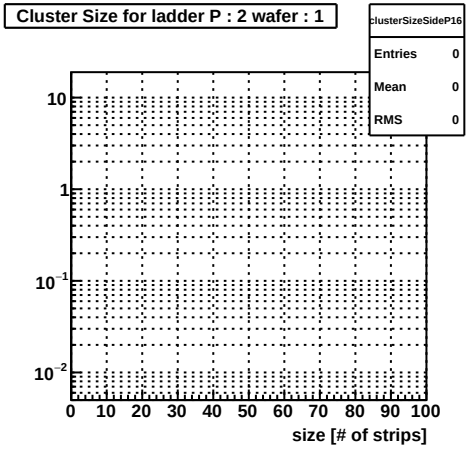

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 462
Mean 1.16
RMS 0.5057
size [# of strips]

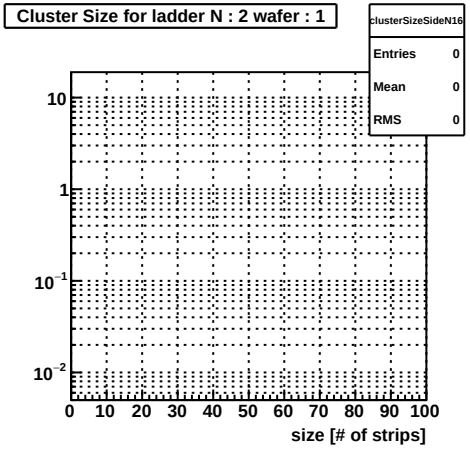

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 118
Mean 1.729
RMS 1.014
size [# of strips]

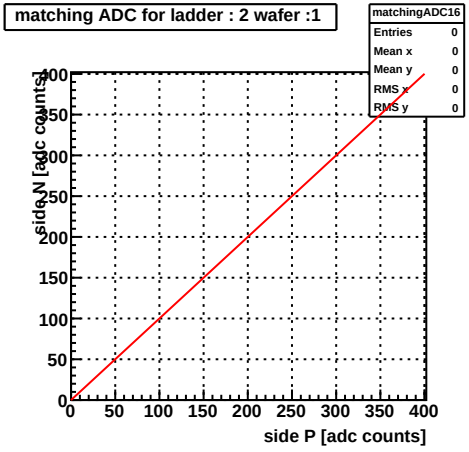

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 64
Mean x 103.2
Mean y 104.6
RMS x 70.78
RMS y 59.73
side N [adc counts]
side P [adc counts]

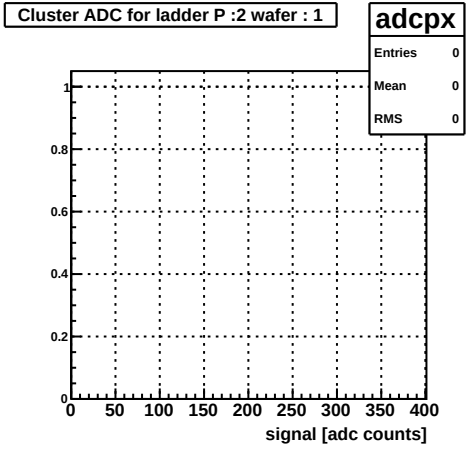

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 462
Mean 39.27
RMS 43.49
signal [adc counts]

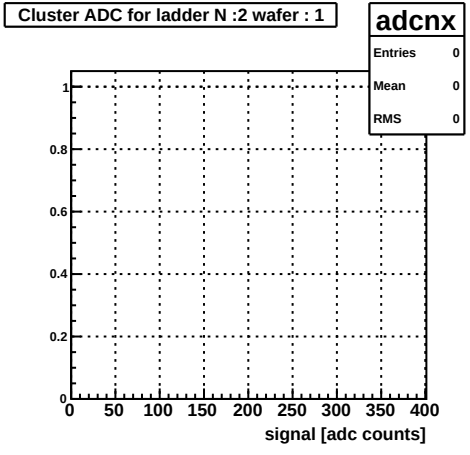

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 118
Mean 100.7
RMS 66.75
signal [adc counts]

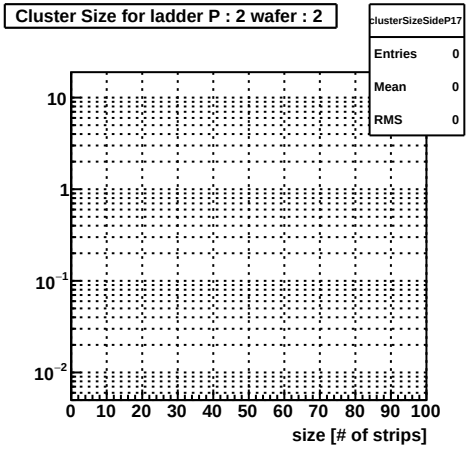

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

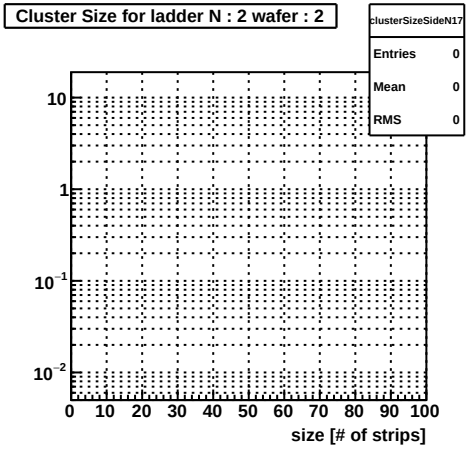

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

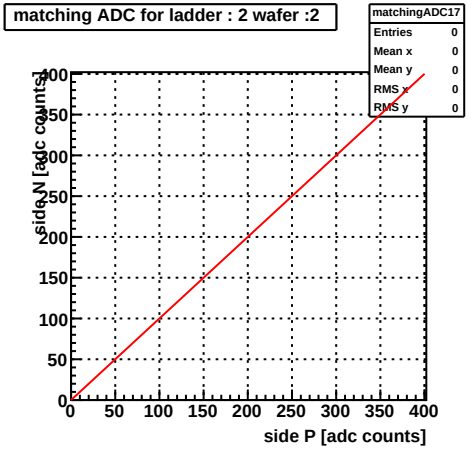

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

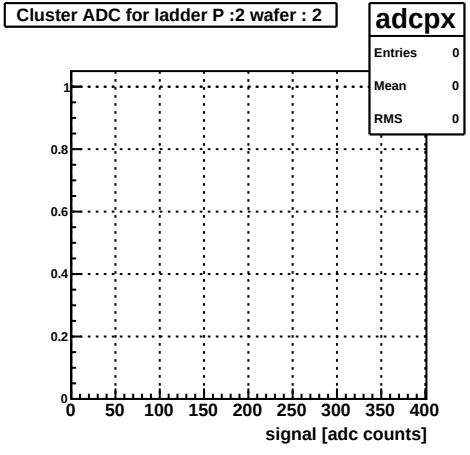

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

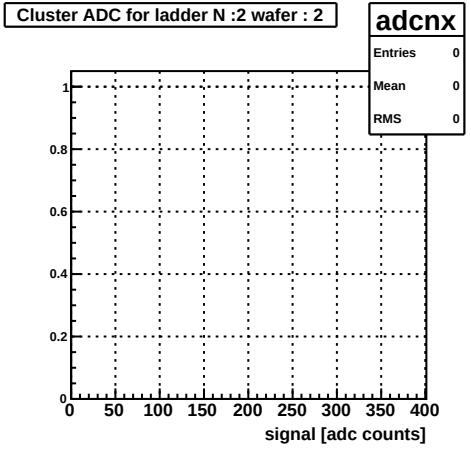

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

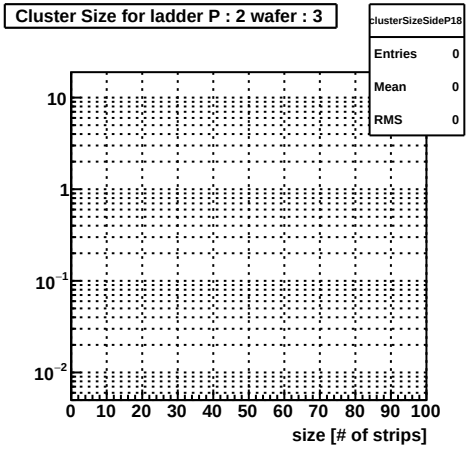

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

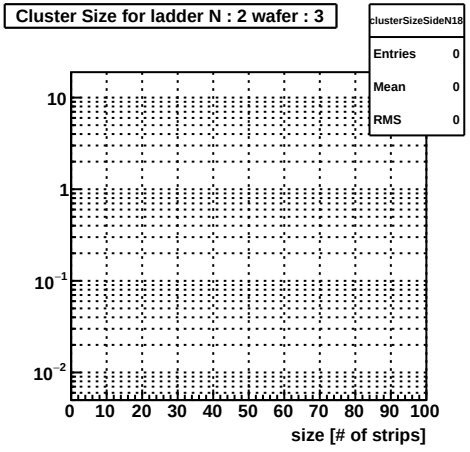

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

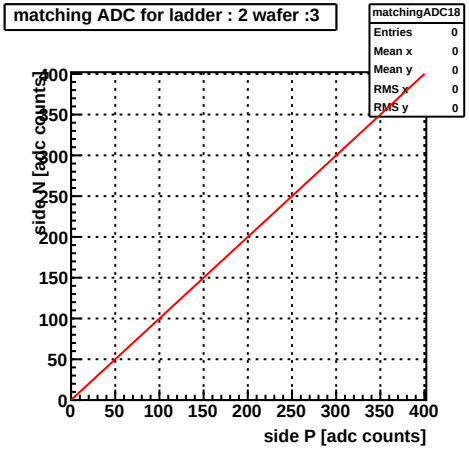

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

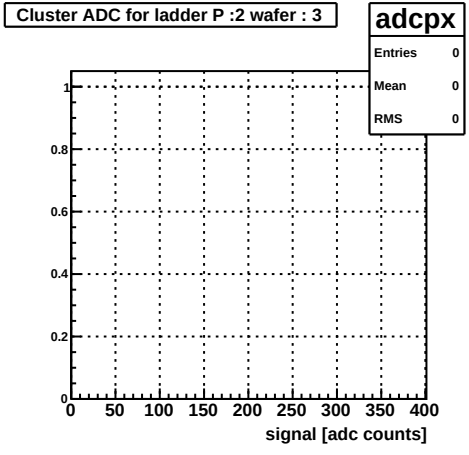

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

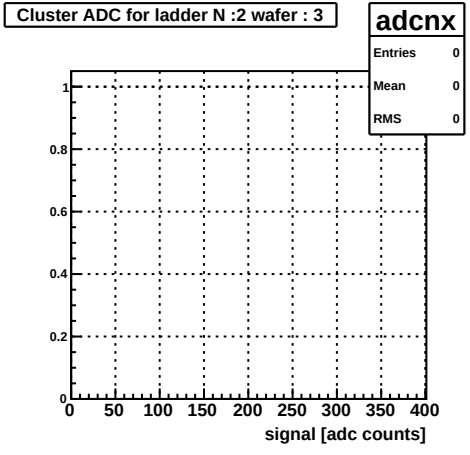

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

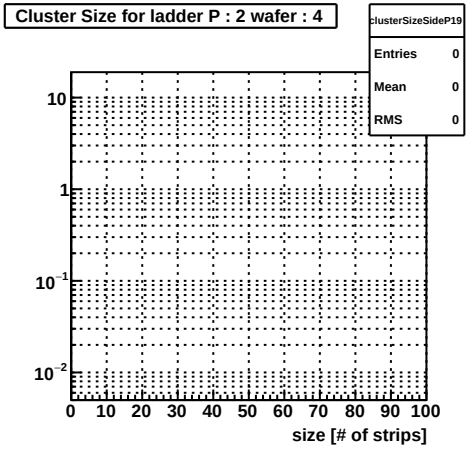

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

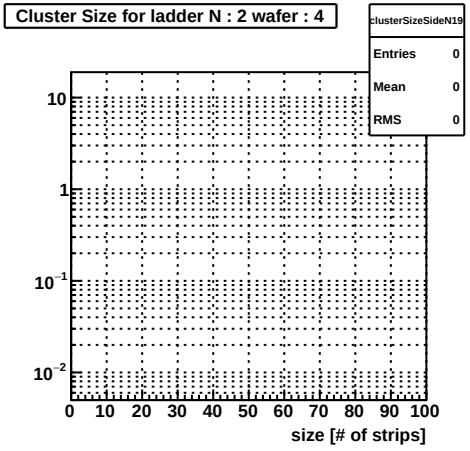

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

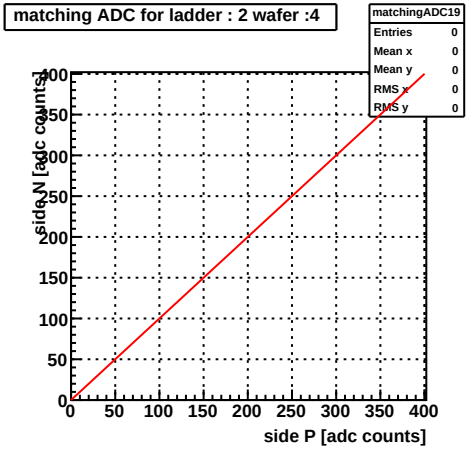

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

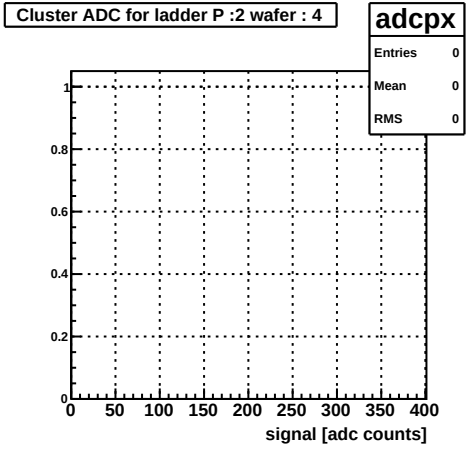

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

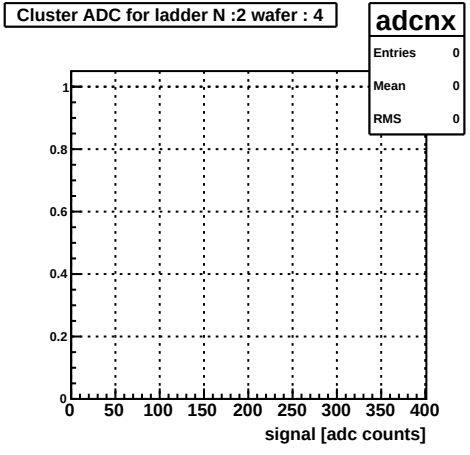

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

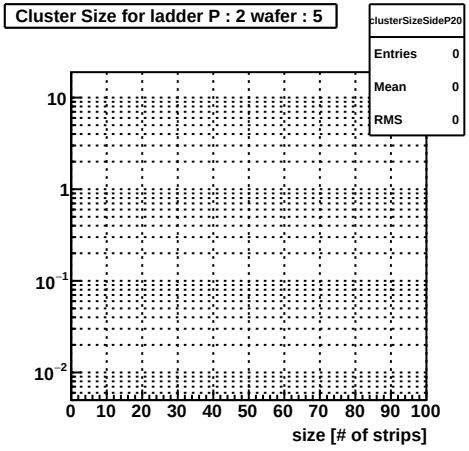

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

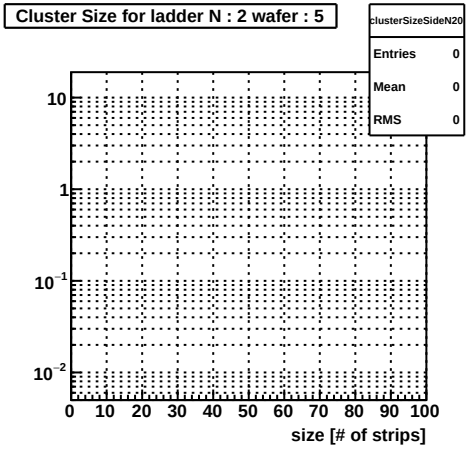

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

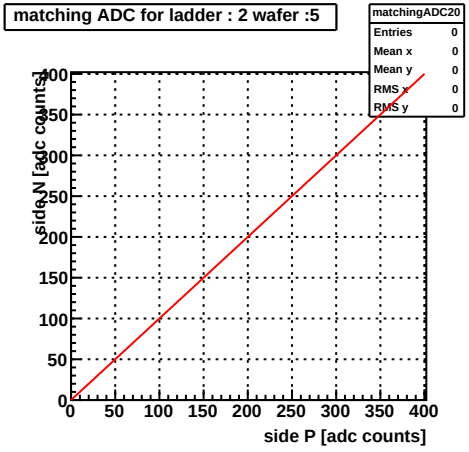

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

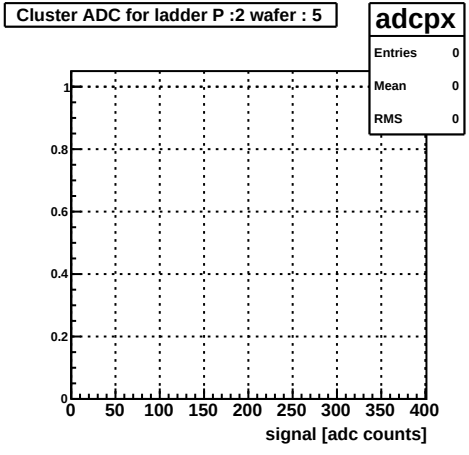

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

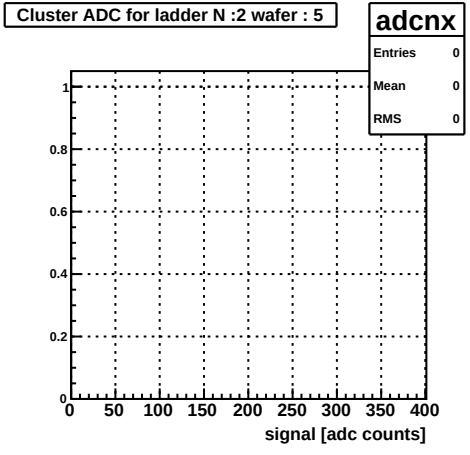

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

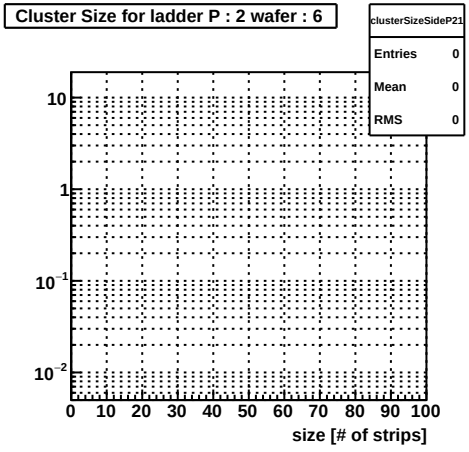

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

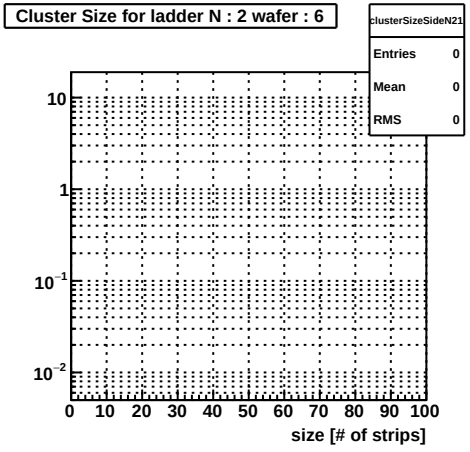

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

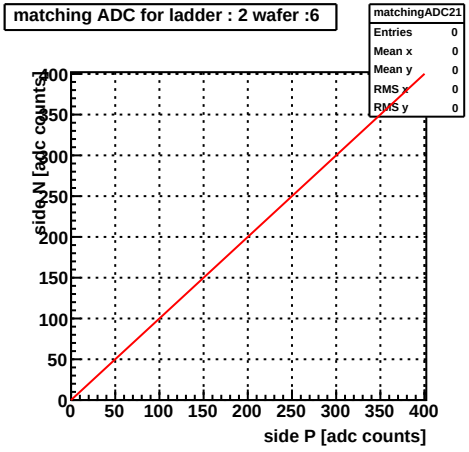

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

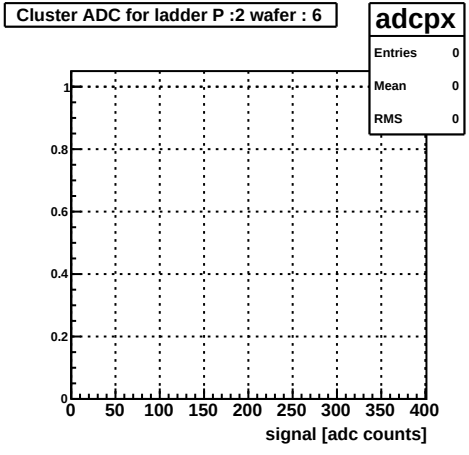

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

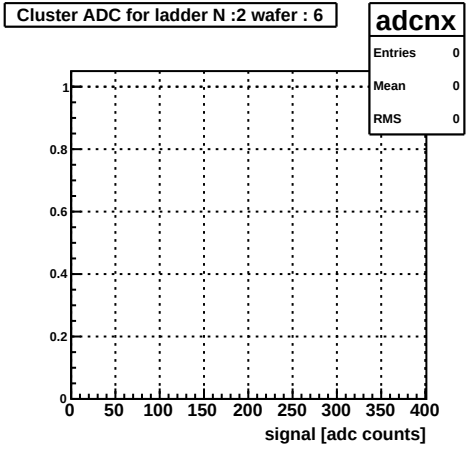

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

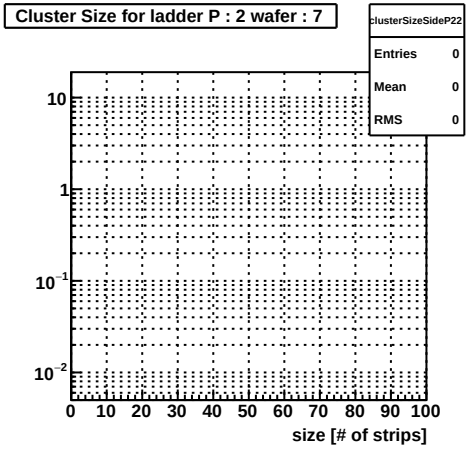

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

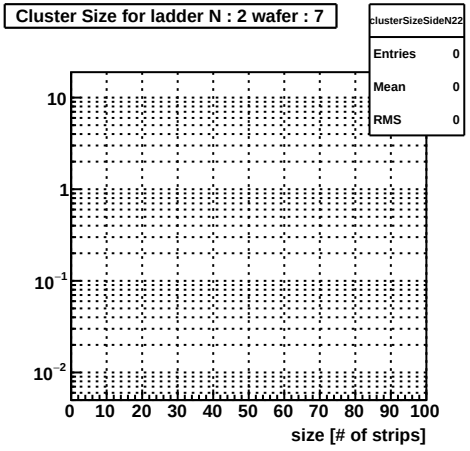

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

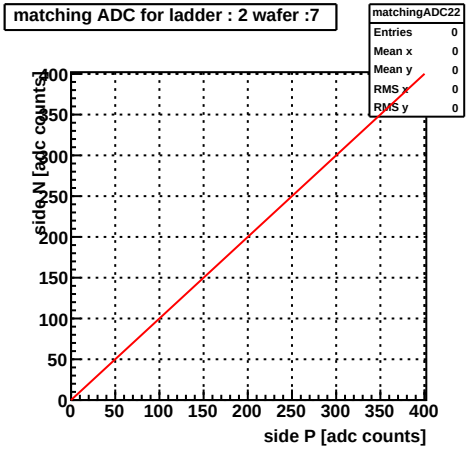

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

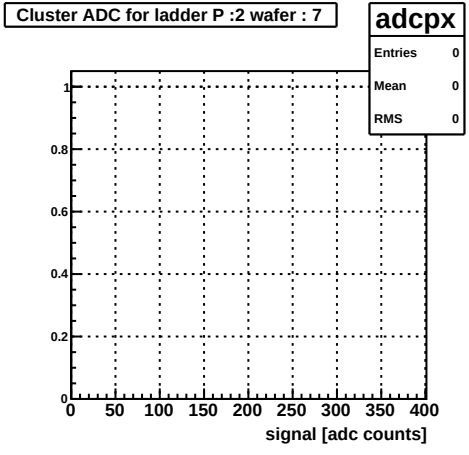

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

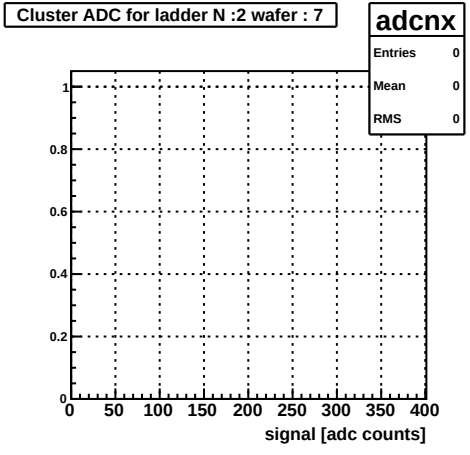

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

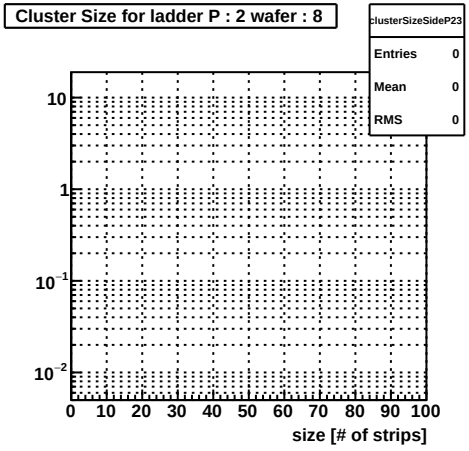

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

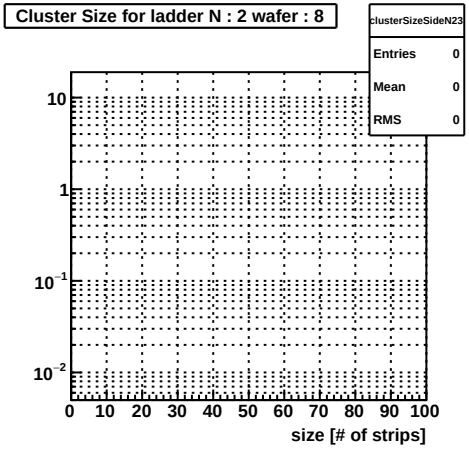

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

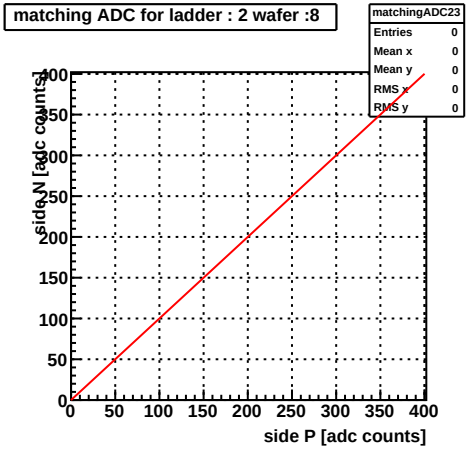

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

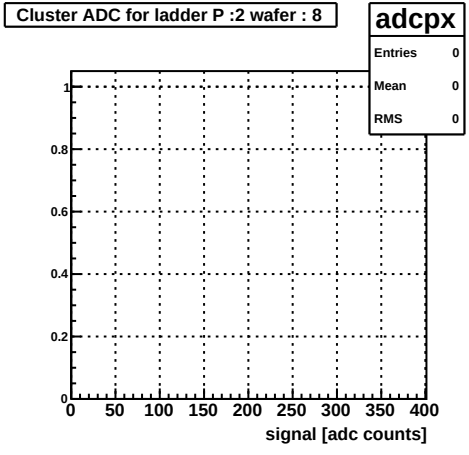

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

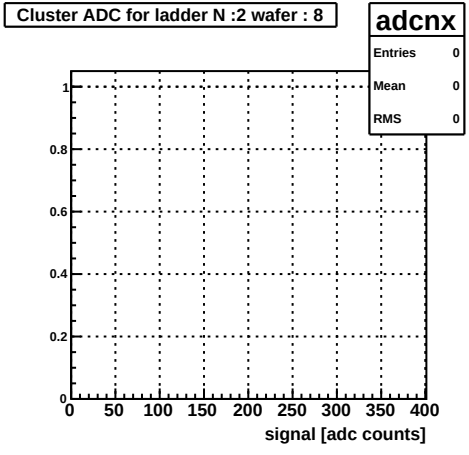

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

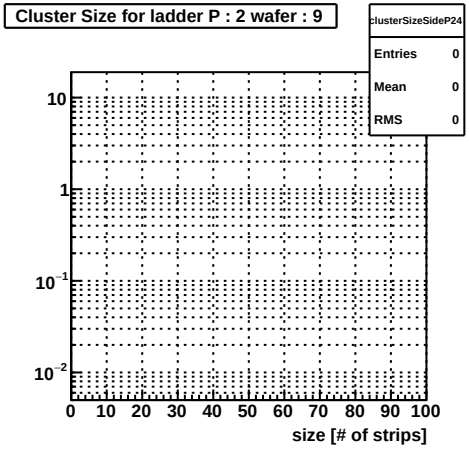

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

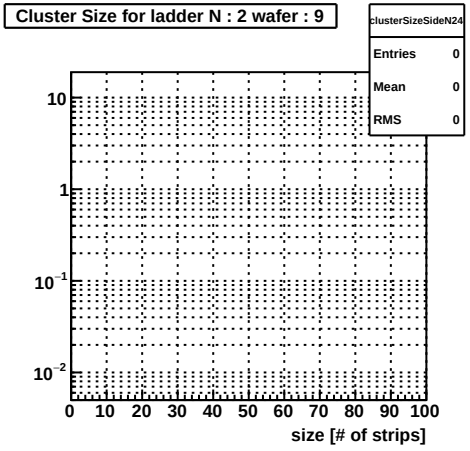

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

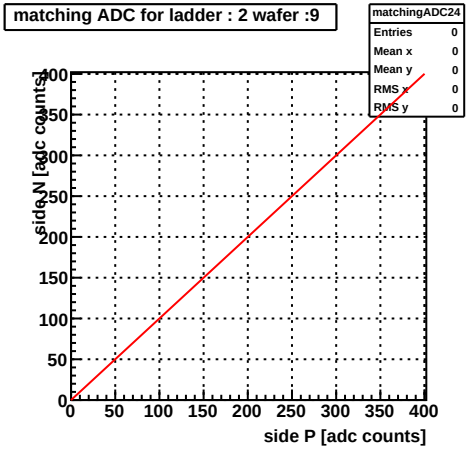

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

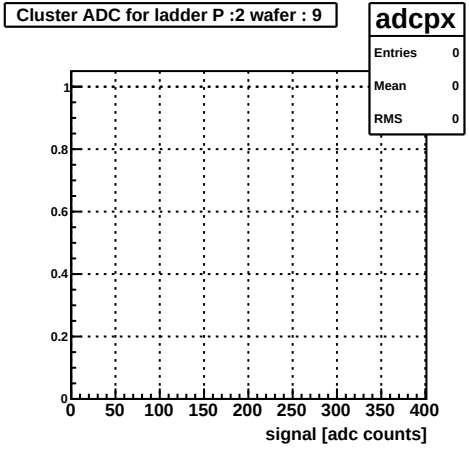

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

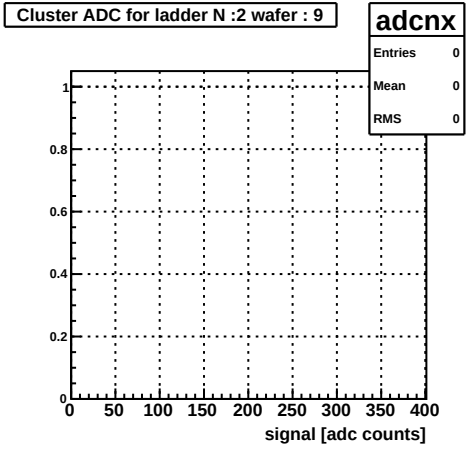

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

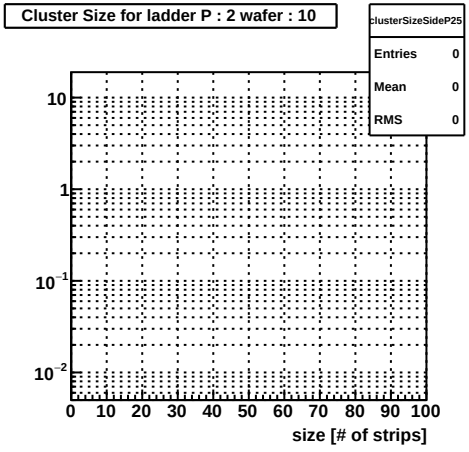

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

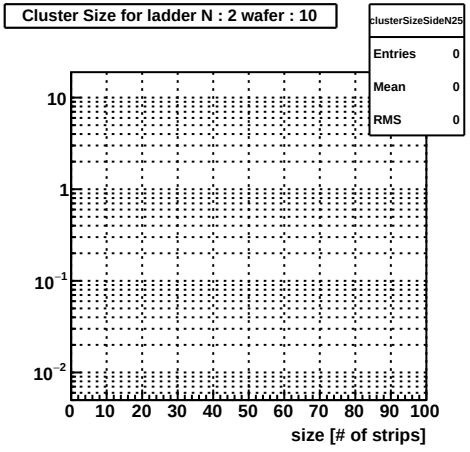

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

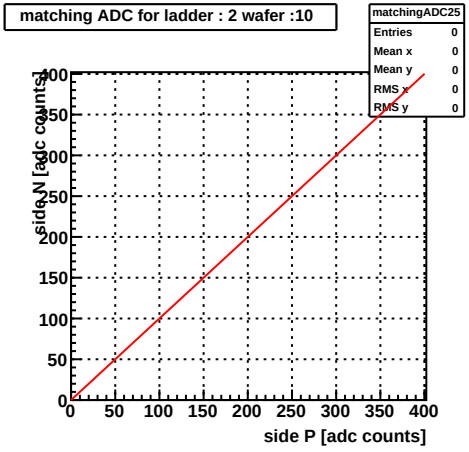

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

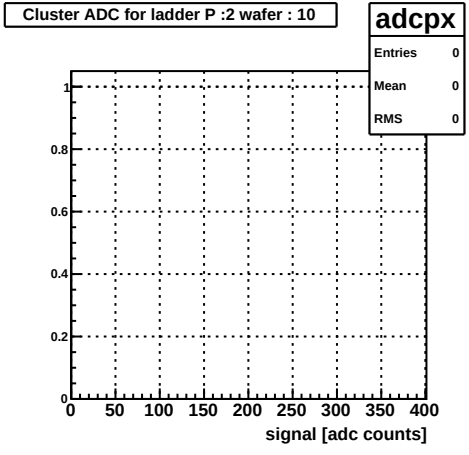

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

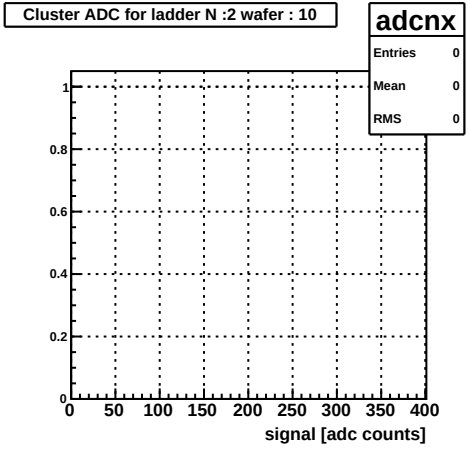

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

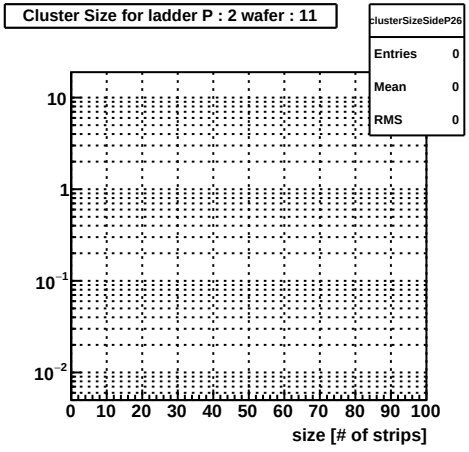

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

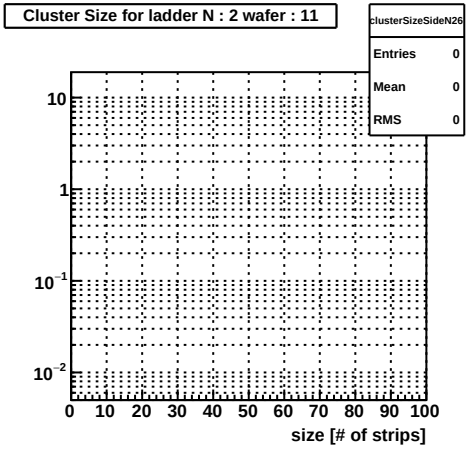

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

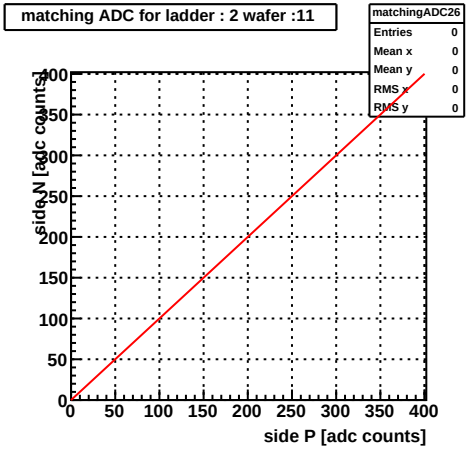

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

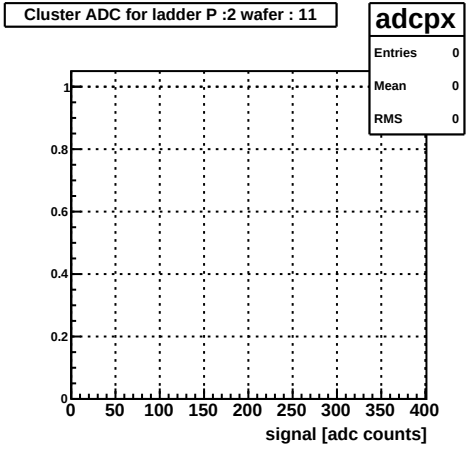

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

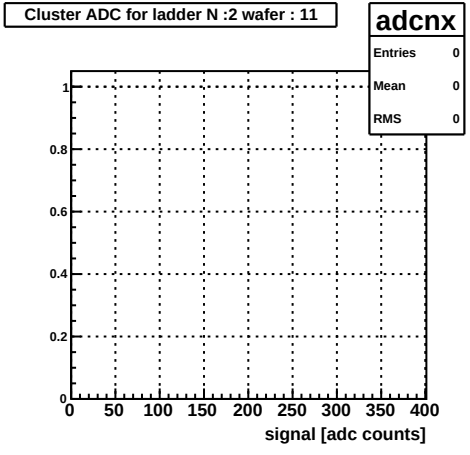

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

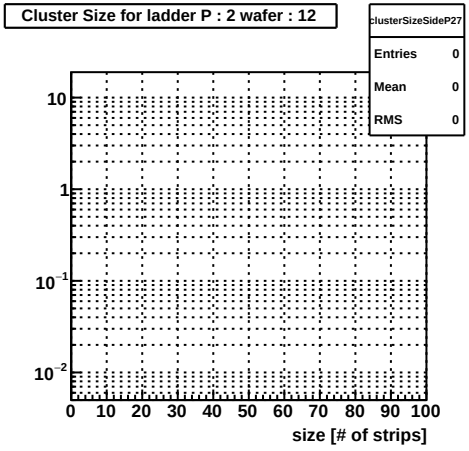

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

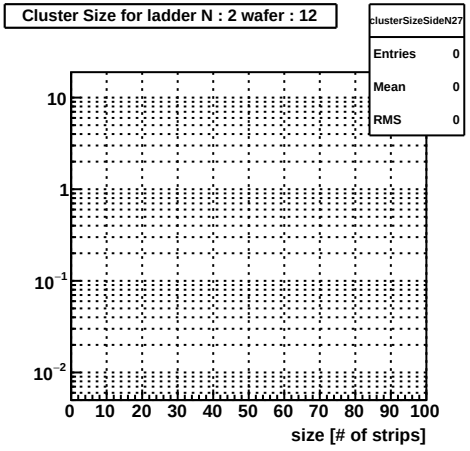

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

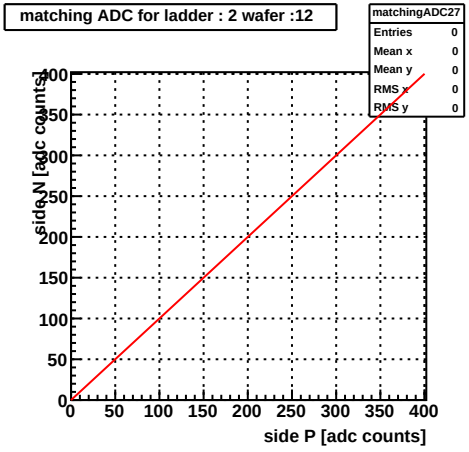

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

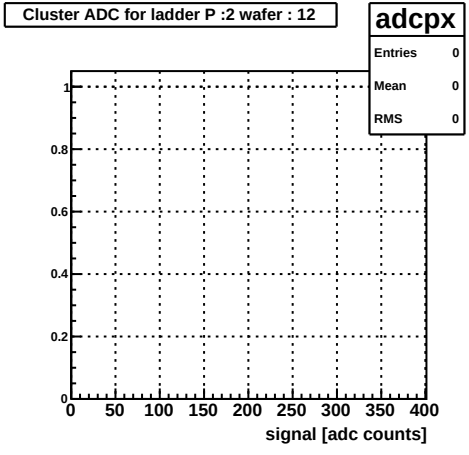

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

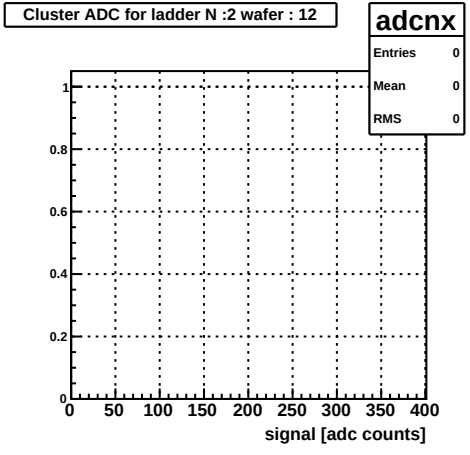

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

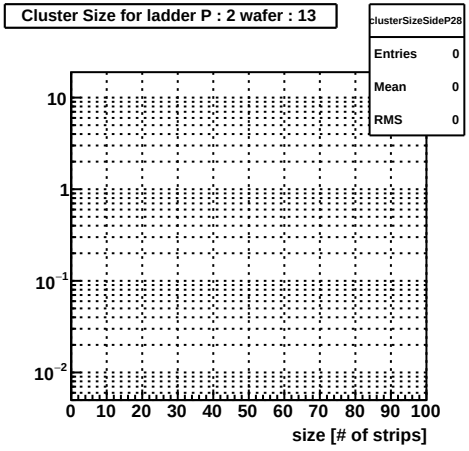

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

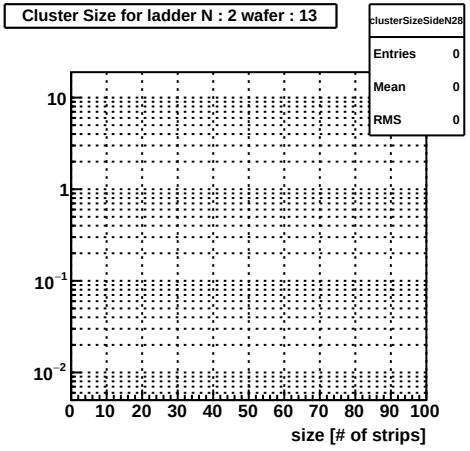

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

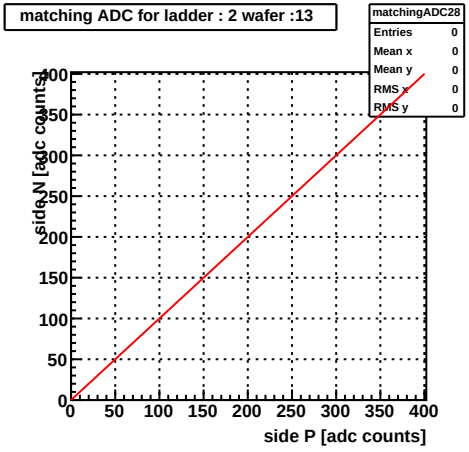

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

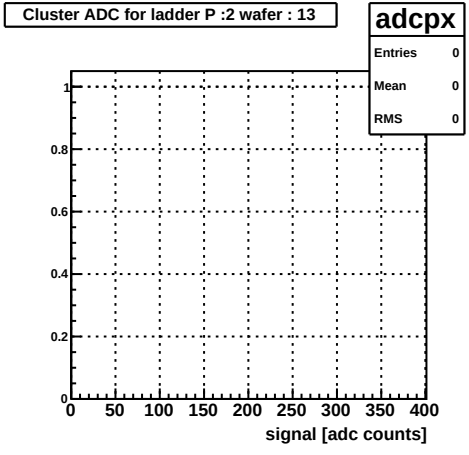

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

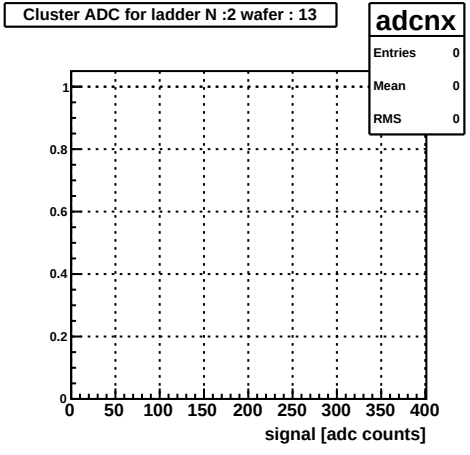

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

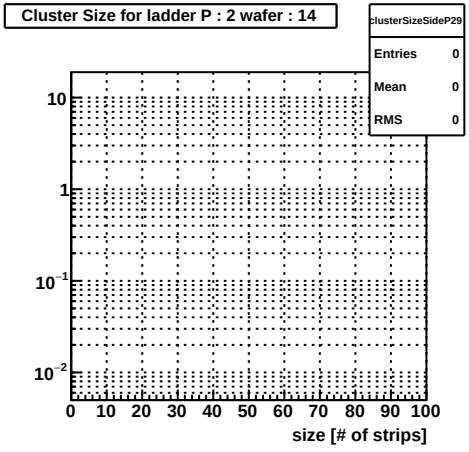

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

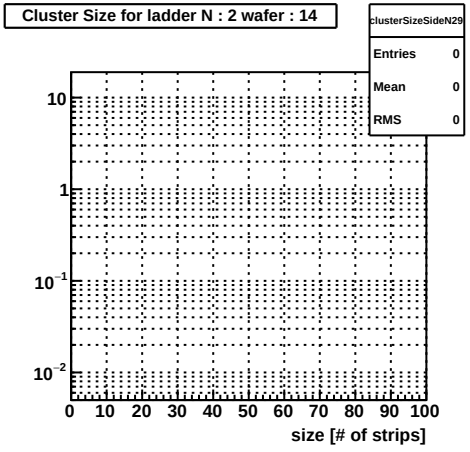

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

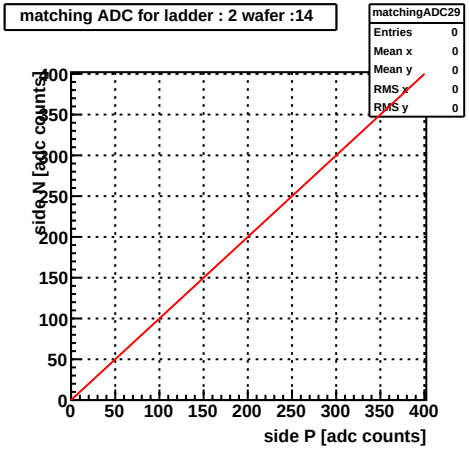

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

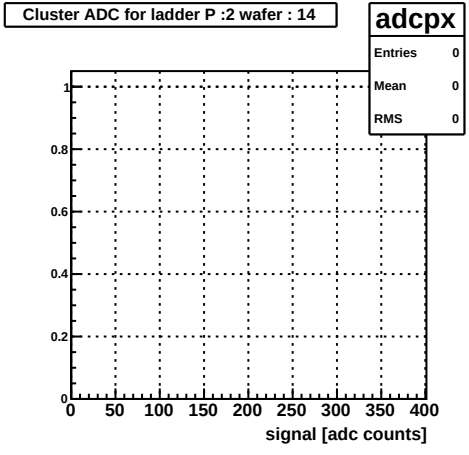

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

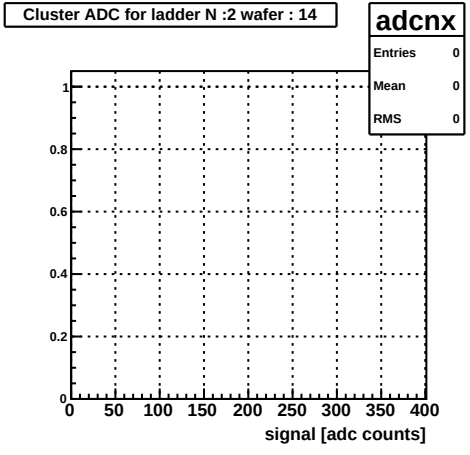

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

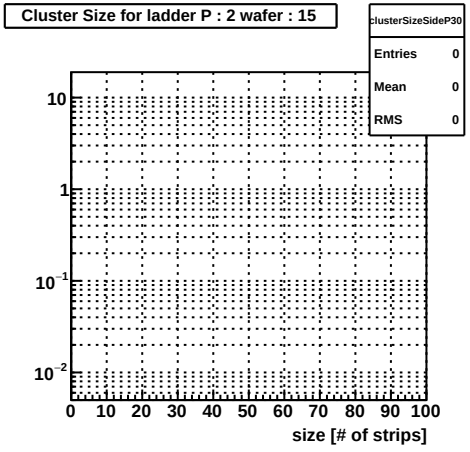

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

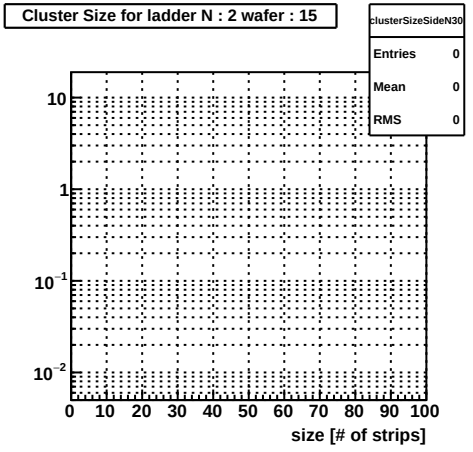

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

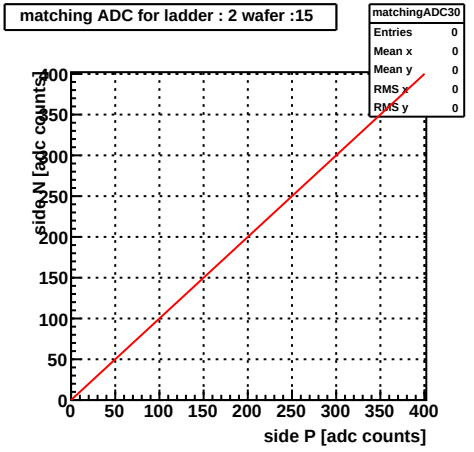

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

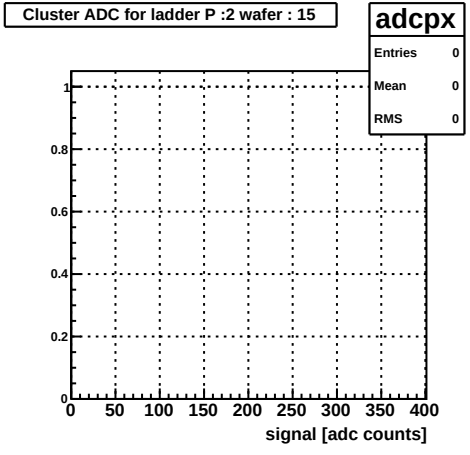

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

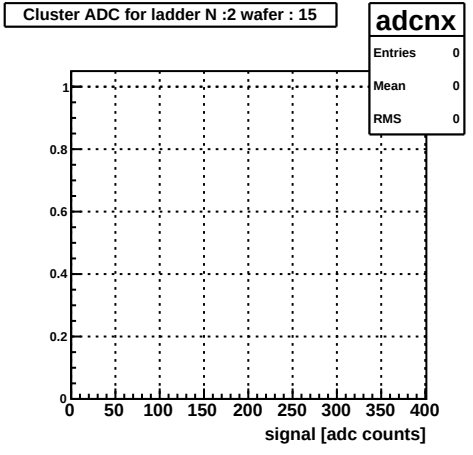

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

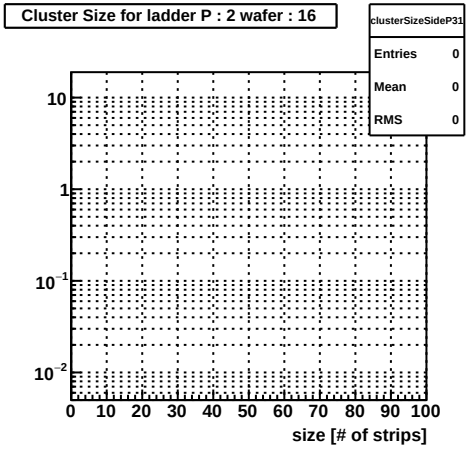

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

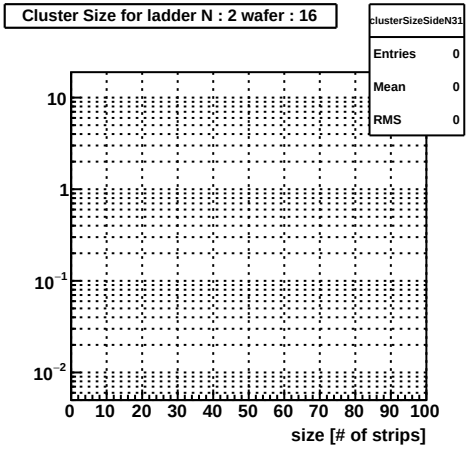

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

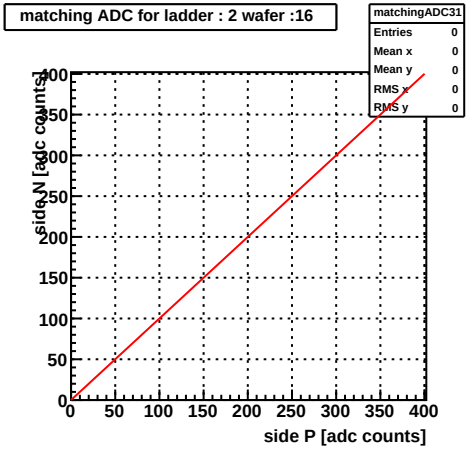

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

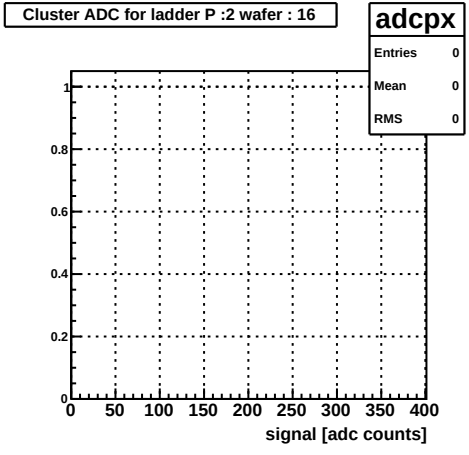

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

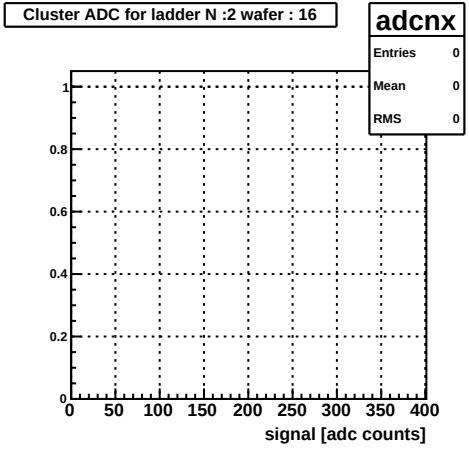

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

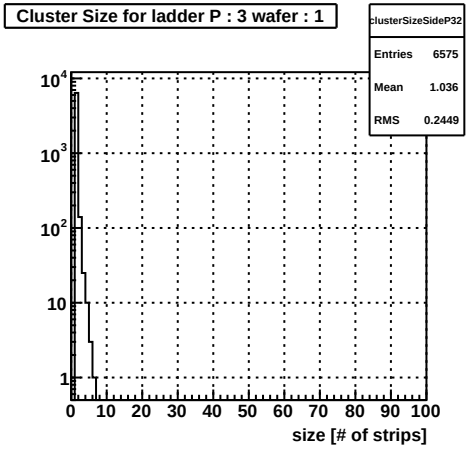

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

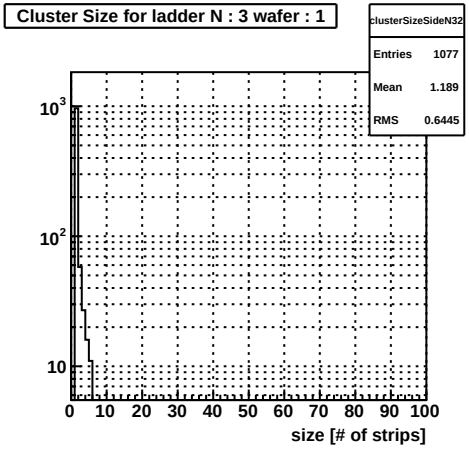

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

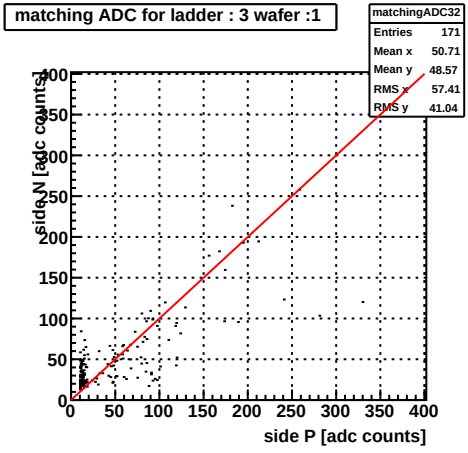

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

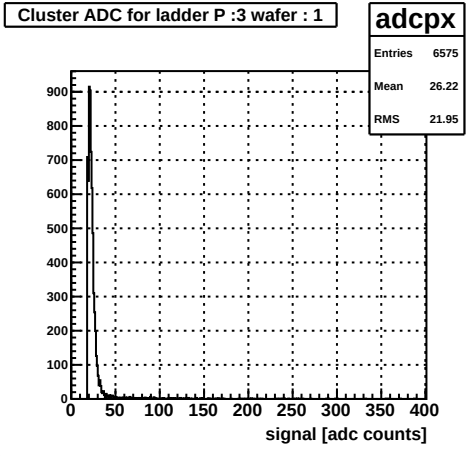

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

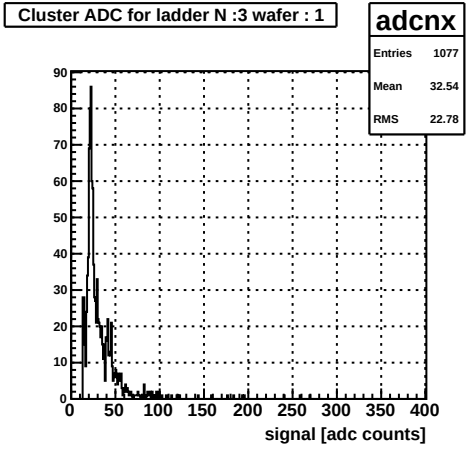

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

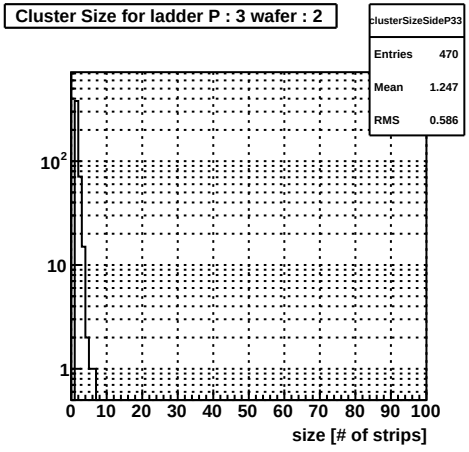

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 6575
Mean 1.036
RMS 0.2449
size [# of strips]

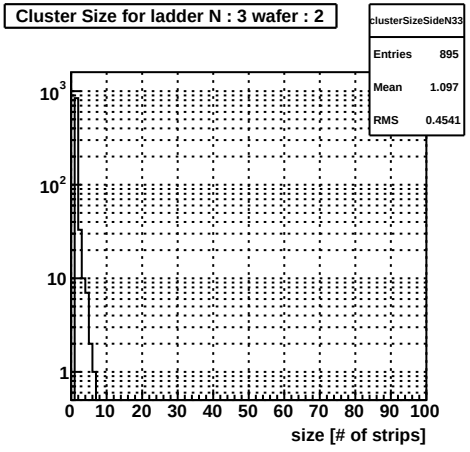

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1077
Mean 1.189
RMS 0.6445
size [# of strips]

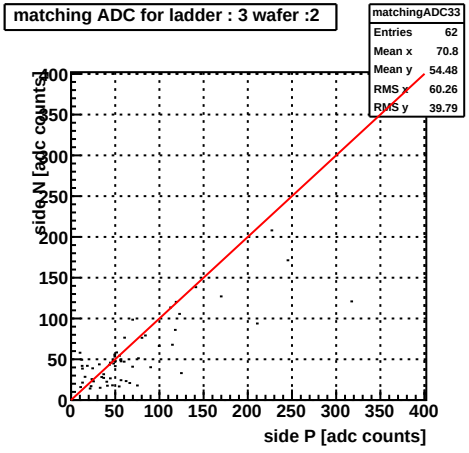

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 171
Mean x 50.71
Mean y 48.57
RMS x 57.41
RMS y 41.04
side N [adc counts]
side P [adc counts]

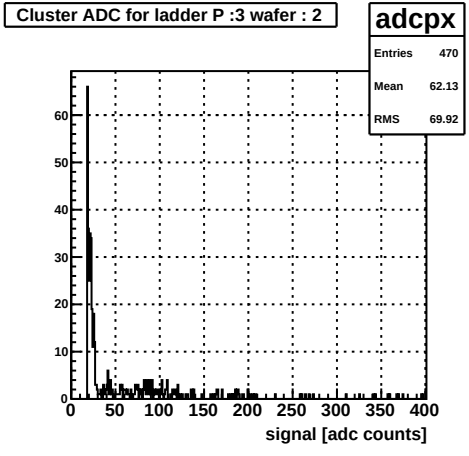

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 6575
Mean 26.22
RMS 21.95
signal [adc counts]

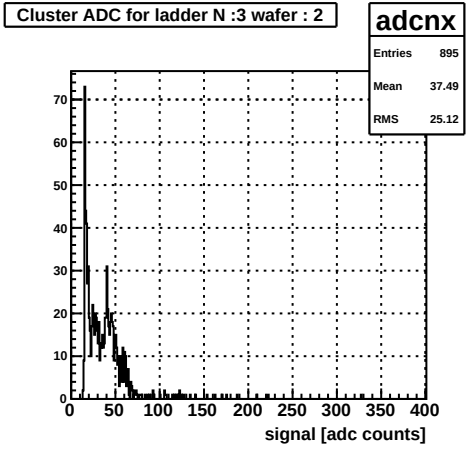

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1077
Mean 32.54
RMS 22.78
signal [adc counts]

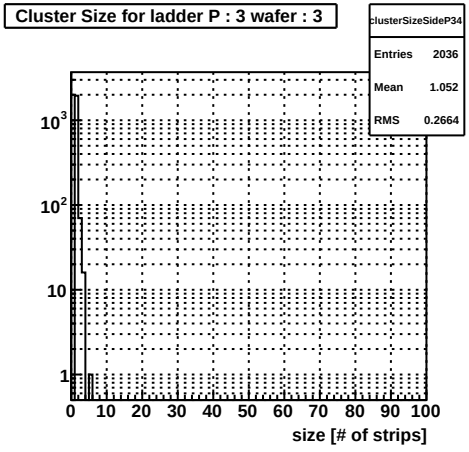

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 470
Mean 1.247
RMS 0.586
size [# of strips]

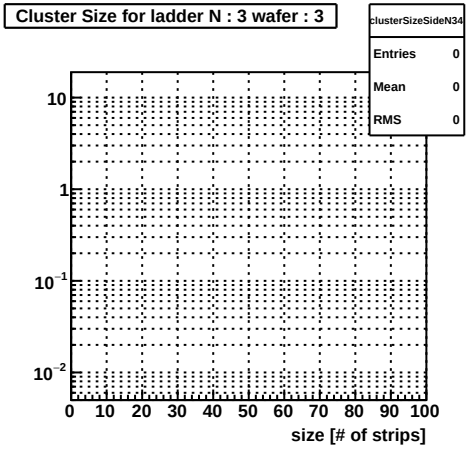

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 895
Mean 1.097
RMS 0.4541
size [# of strips]

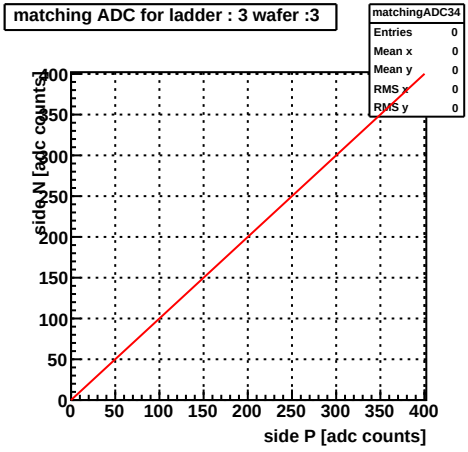

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 62
Mean x 70.8
Mean y 54.48
RMS x 60.26
RMS y 39.79
side N [adc counts]
side P [adc counts]

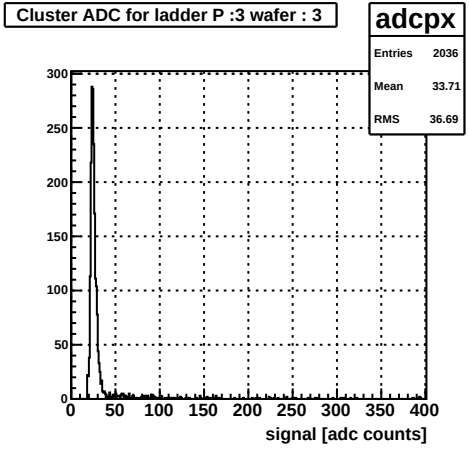

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 470
Mean 62.13
RMS 69.92
signal [adc counts]

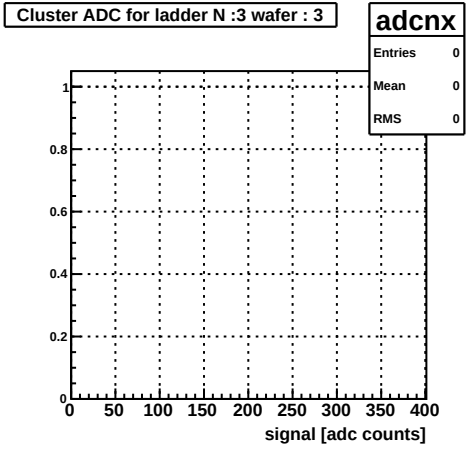

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 895
Mean 37.49
RMS 25.12
signal [adc counts]

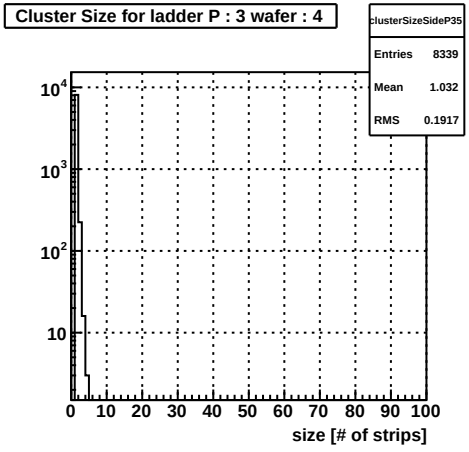

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 2036
Mean 1.052
RMS 0.2664
size [# of strips]

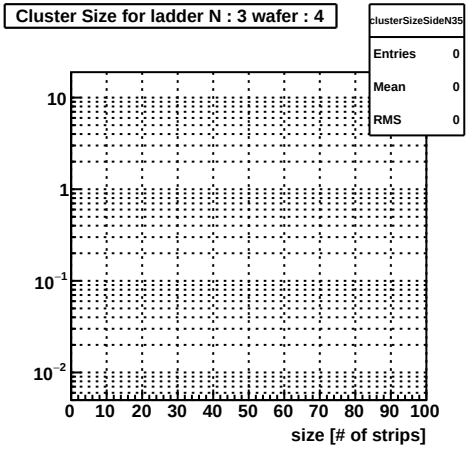

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

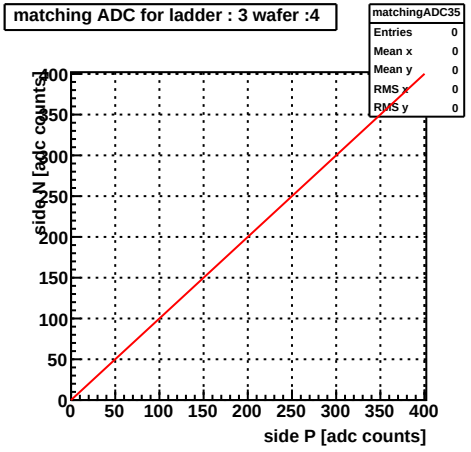

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

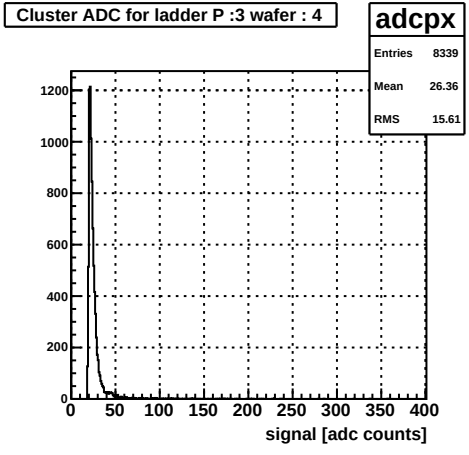

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 2036
Mean 33.71
RMS 36.69
signal [adc counts]

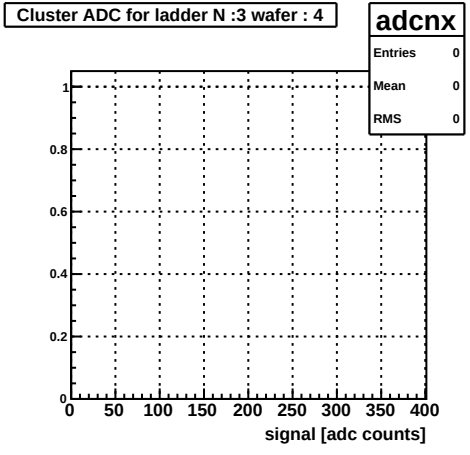

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

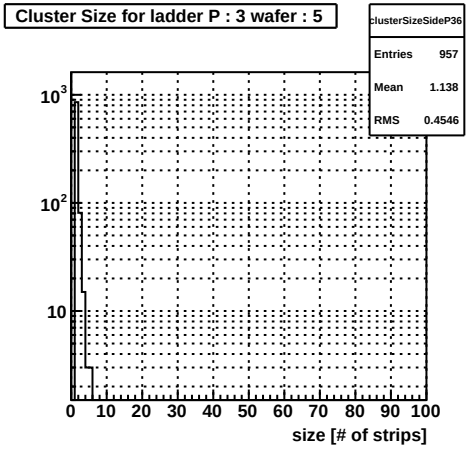

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 8339
Mean 1.032
RMS 0.1917
size [# of strips]

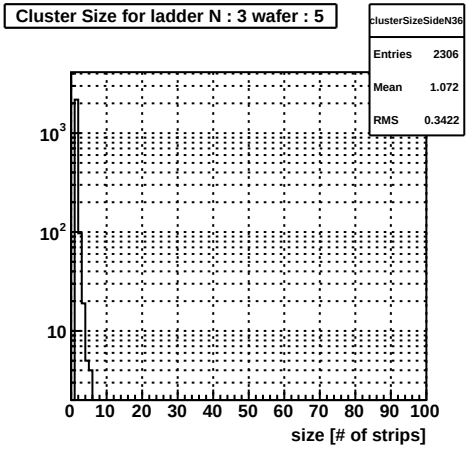

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

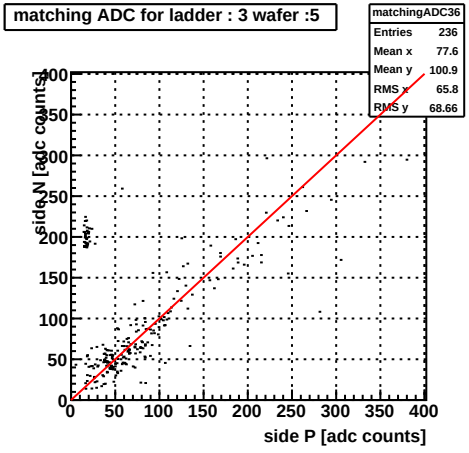

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

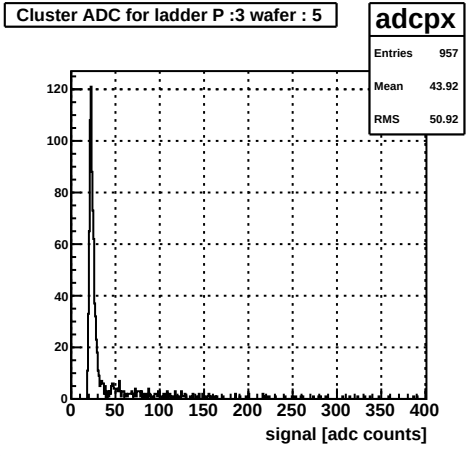

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 8339
Mean 26.36
RMS 15.61
signal [adc counts]

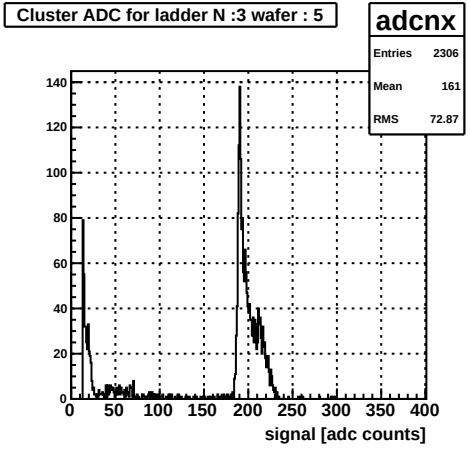

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

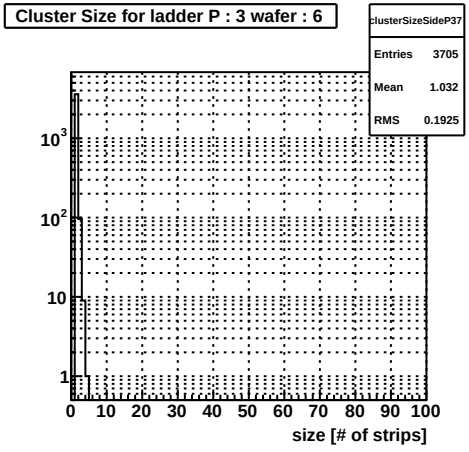

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 957
Mean 1.138
RMS 0.4546
size [# of strips]

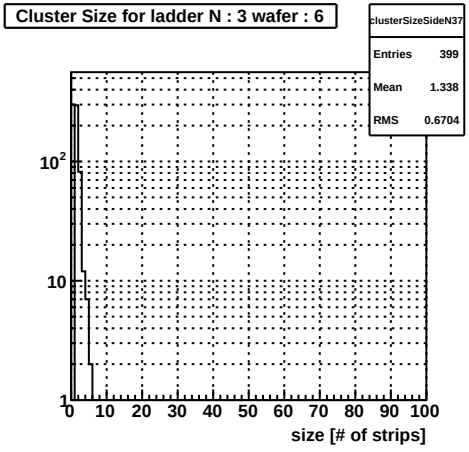

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 2306
Mean 1.072
RMS 0.3422
size [# of strips]

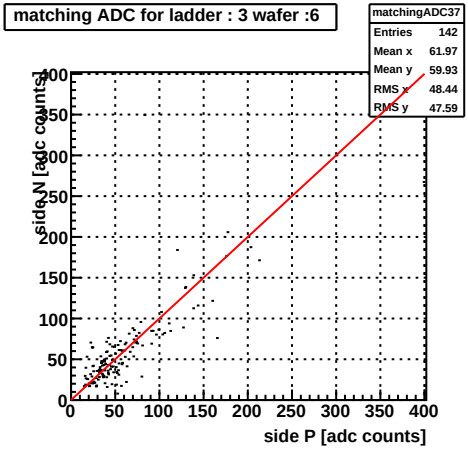

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 236
Mean x 77.6
Mean y 100.9
RMS x 65.8
RMS y 68.66
side N [adc counts]
side P [adc counts]

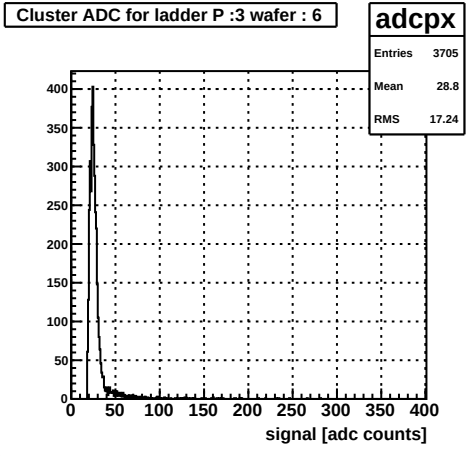

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 957
Mean 43.92
RMS 50.92
signal [adc counts]

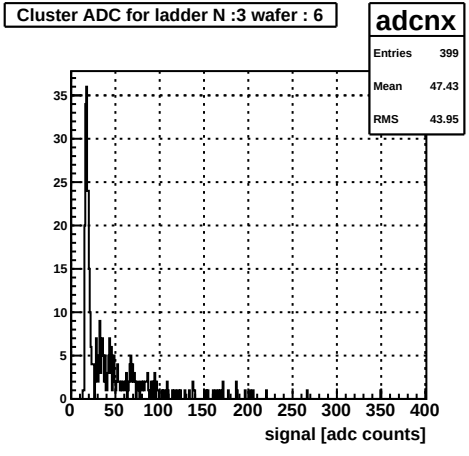

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 2306
Mean 161
RMS 72.87
signal [adc counts]

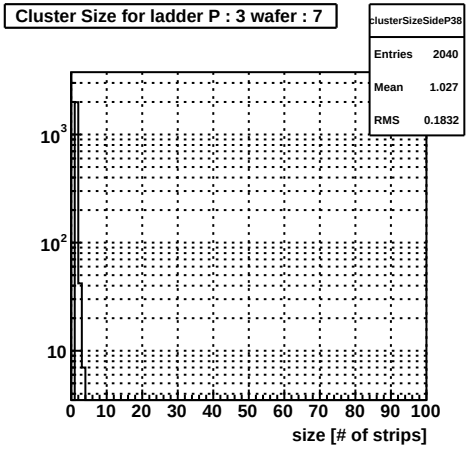

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 3705
Mean 1.032
RMS 0.1925
size [# of strips]

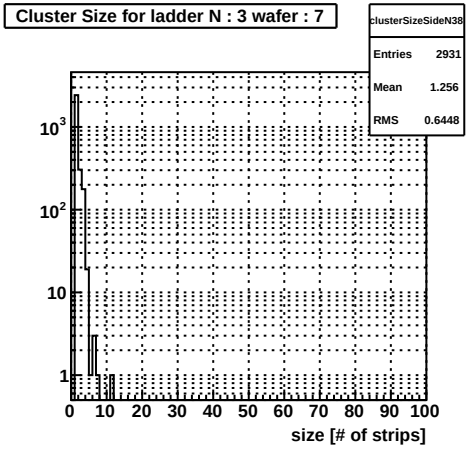

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 399
Mean 1.338
RMS 0.6704
size [# of strips]

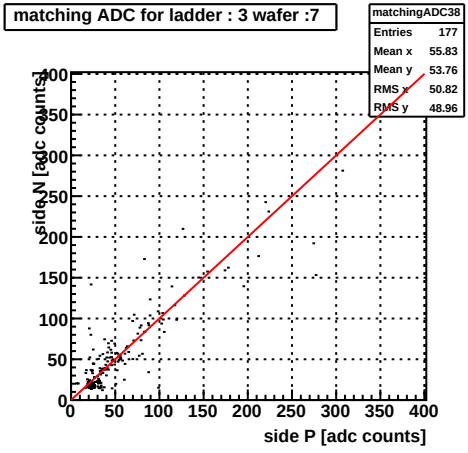

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 142
Mean x 61.97
Mean y 59.93
RMS x 48.44
RMS y 47.59
side N [adc counts]
side P [adc counts]

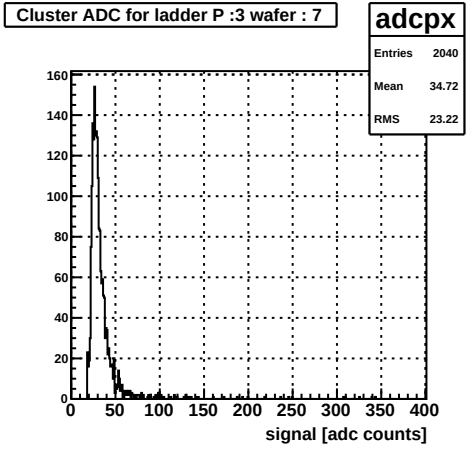

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 3705
Mean 28.8
RMS 17.24
signal [adc counts]

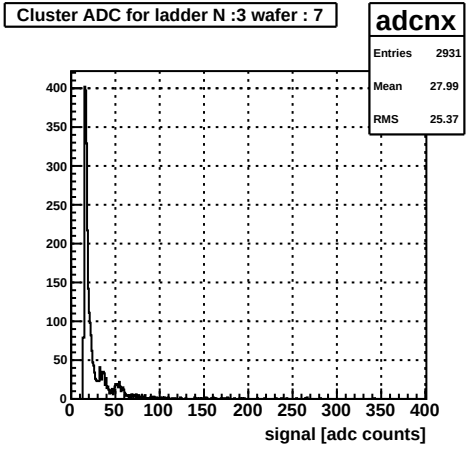

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 399
Mean 47.43
RMS 43.95
signal [adc counts]

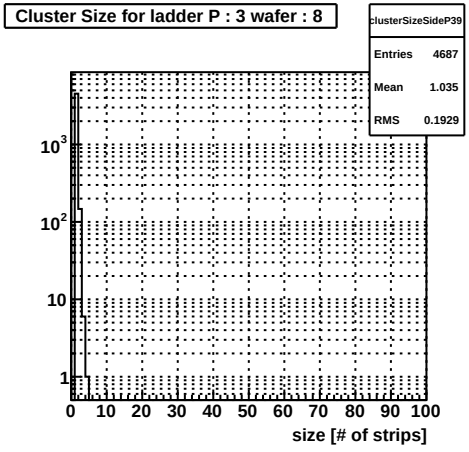

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2040
Mean 1.027
RMS 0.1832
size [# of strips]

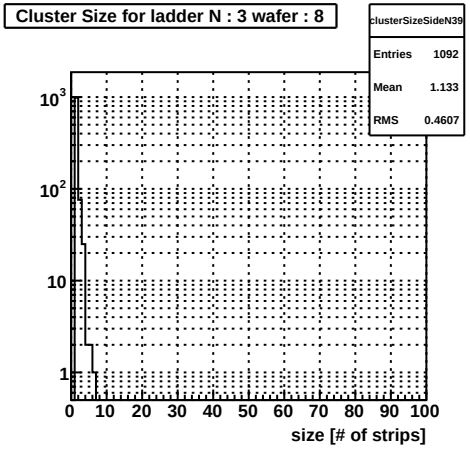

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 2931
Mean 1.256
RMS 0.6448
size [# of strips]

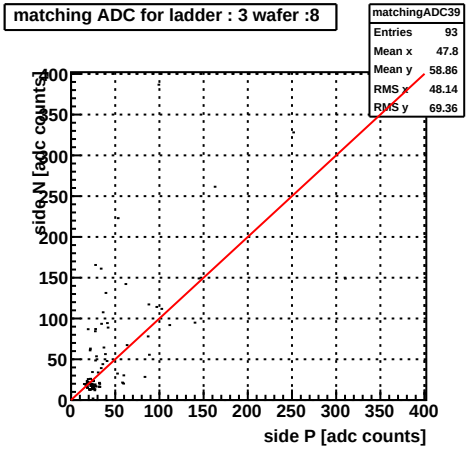

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 177
Mean x 55.83
Mean y 53.76
RMS x 50.82
RMS y 48.96
side N [adc counts]
side P [adc counts]

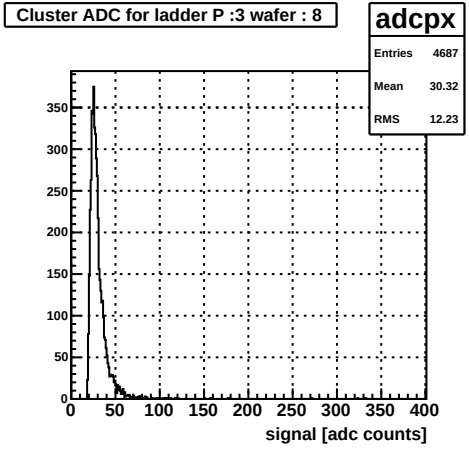

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2040
Mean 34.72
RMS 23.22
signal [adc counts]

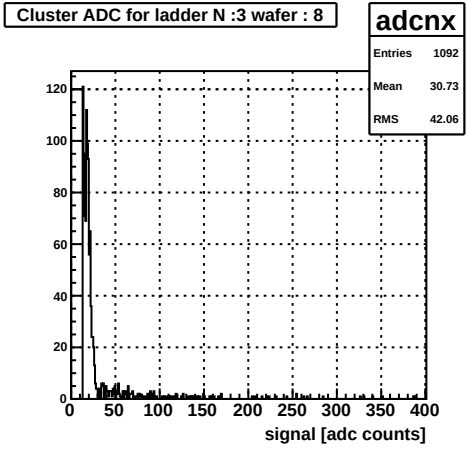

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 2931
Mean 27.99
RMS 25.37
signal [adc counts]

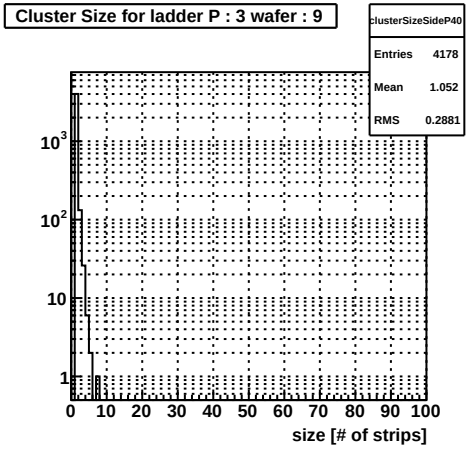

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 4687
Mean 1.035
RMS 0.1929
size [# of strips]

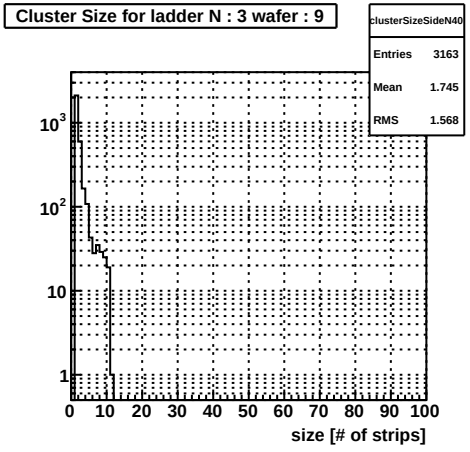

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 1092
Mean 1.133
RMS 0.4607
size [# of strips]

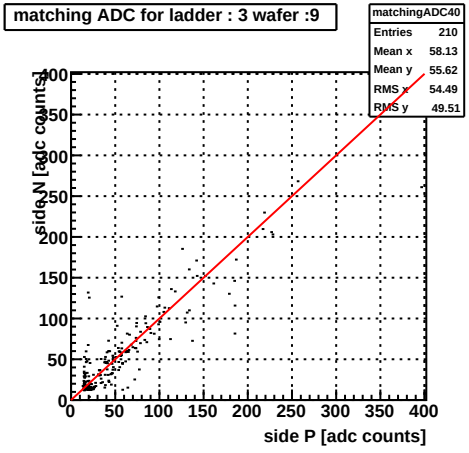

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 93
Mean x 47.8
Mean y 58.86
RMS x 48.14
RMS y 69.36
side N [adc counts]
side P [adc counts]

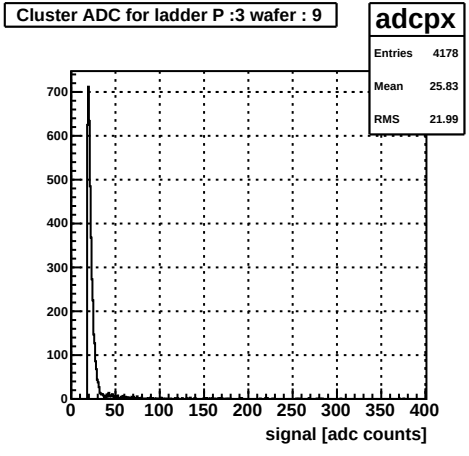

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 4687
Mean 30.32
RMS 12.23
signal [adc counts]

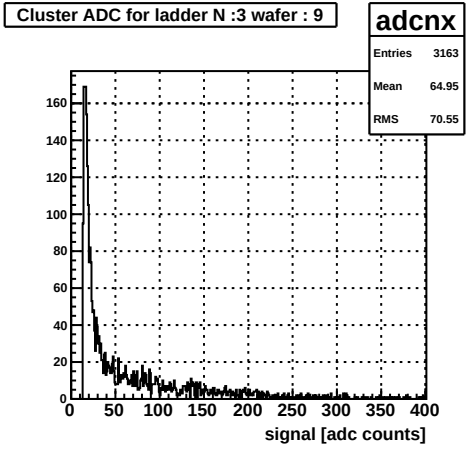

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 1092
Mean 30.73
RMS 42.06
signal [adc counts]

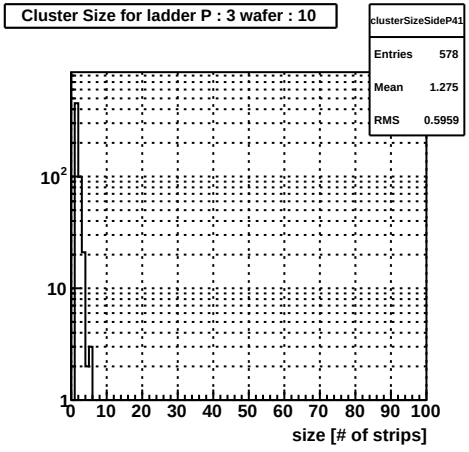

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 4178
Mean 1.052
RMS 0.2881
size [# of strips]

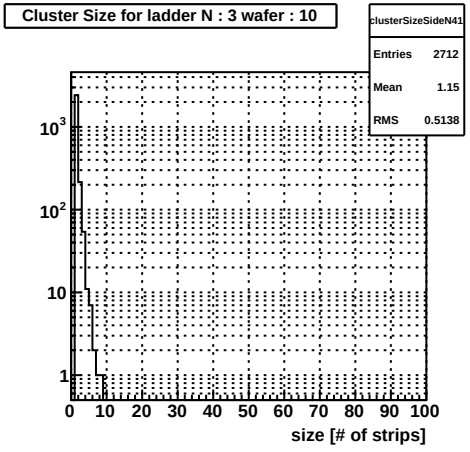

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 3163
Mean 1.745
RMS 1.568
size [# of strips]

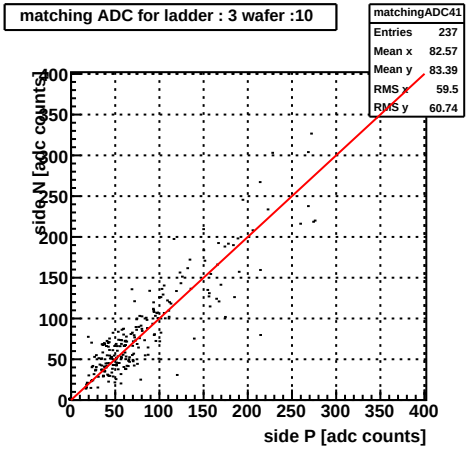

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 210
Mean x 58.13
Mean y 55.62
RMS x 54.49
RMS y 49.51
side N [adc counts]
side P [adc counts]

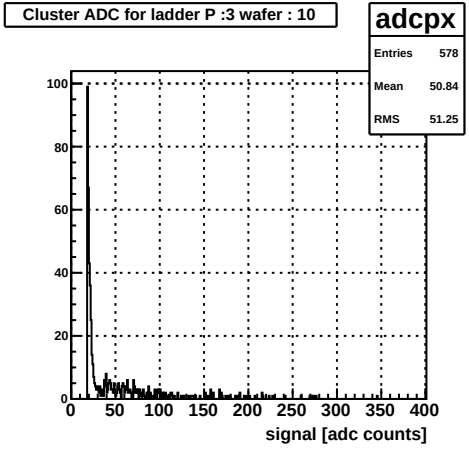

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 4178
Mean 25.83
RMS 21.99
signal [adc counts]

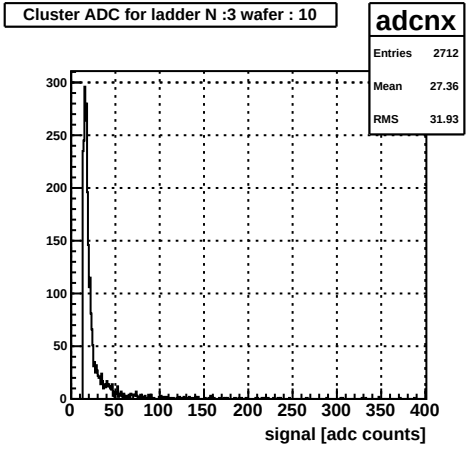

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 3163
Mean 64.95
RMS 70.55
signal [adc counts]

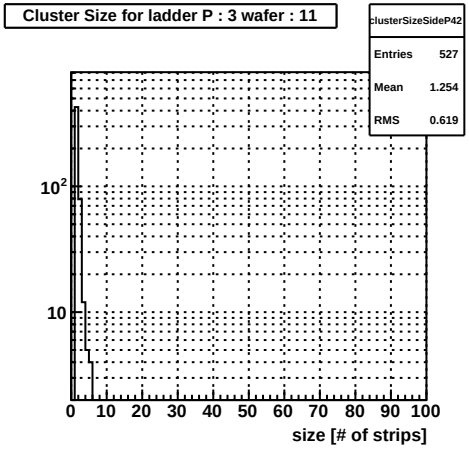

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 578
Mean 1.275
RMS 0.5959
size [# of strips]

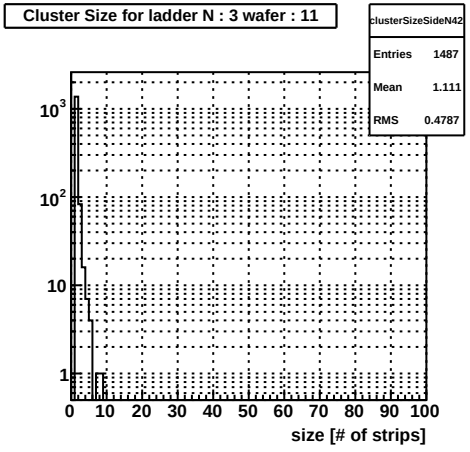

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 2712
Mean 1.15
RMS 0.5138
size [# of strips]

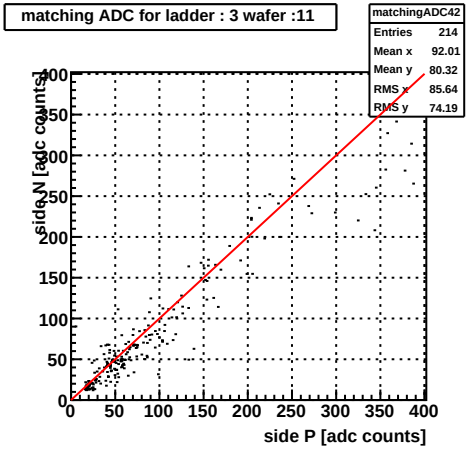

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 237
Mean x 82.57
Mean y 83.39
RMS x 59.5
RMS y 60.74
side N [adc counts]
side P [adc counts]

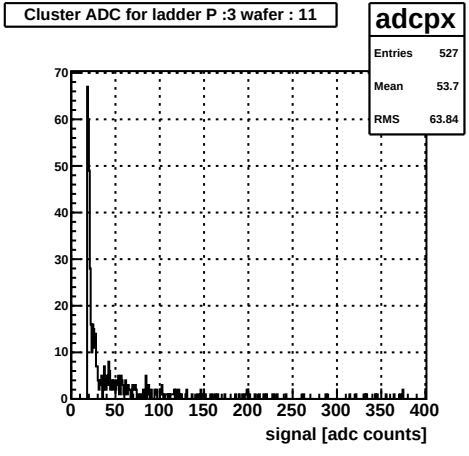

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 578
Mean 50.84
RMS 51.25
signal [adc counts]

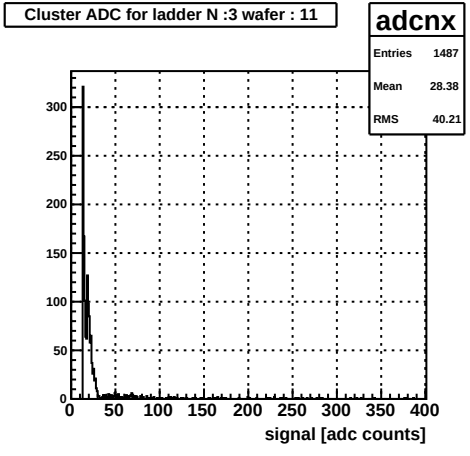

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 2712
Mean 27.36
RMS 31.93
signal [adc counts]

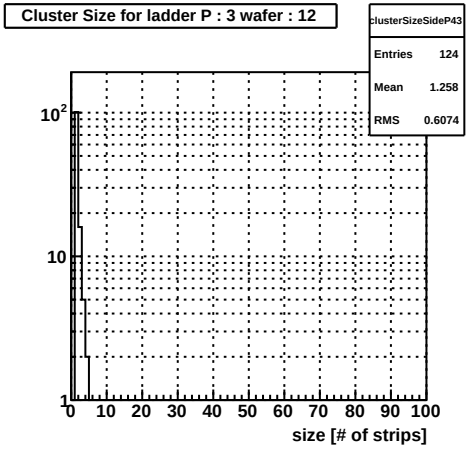

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 527
Mean 1.254
RMS 0.619
size [# of strips]

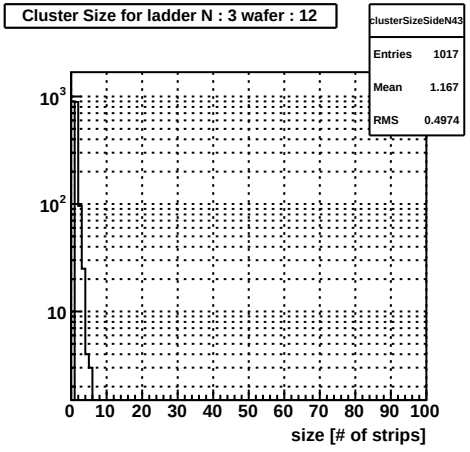

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 1487
Mean 1.111
RMS 0.4787
size [# of strips]

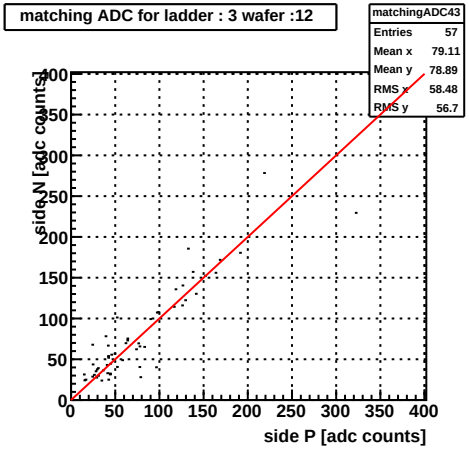

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 214
Mean x 92.01
Mean y 80.32
RMS x 85.64
RMS y 74.19
side N [adc counts]
side P [adc counts]

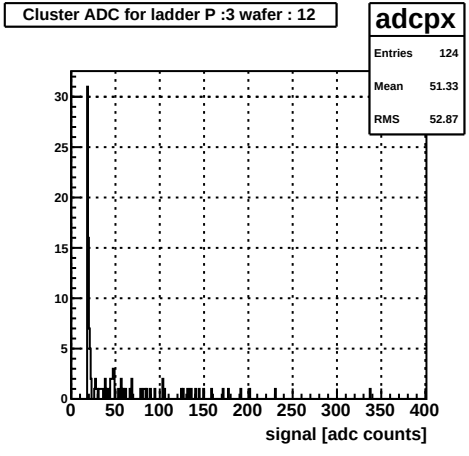

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 527
Mean 53.7
RMS 63.84
signal [adc counts]

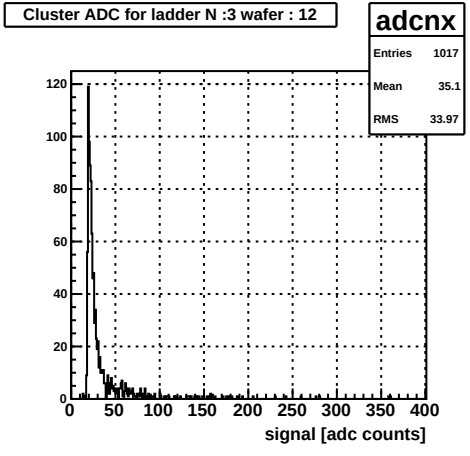

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 1487
Mean 28.38
RMS 40.21
signal [adc counts]

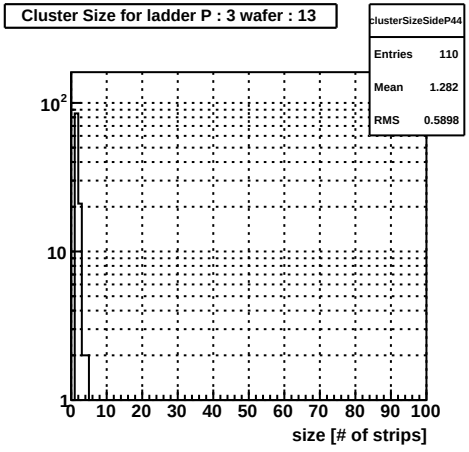

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 124
Mean 1.258
RMS 0.6074
size [# of strips]

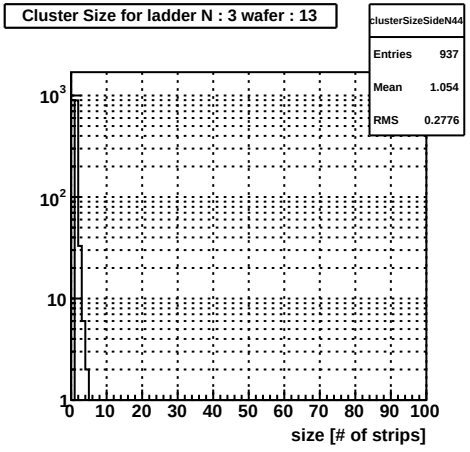

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 1017
Mean 1.167
RMS 0.4974
size [# of strips]

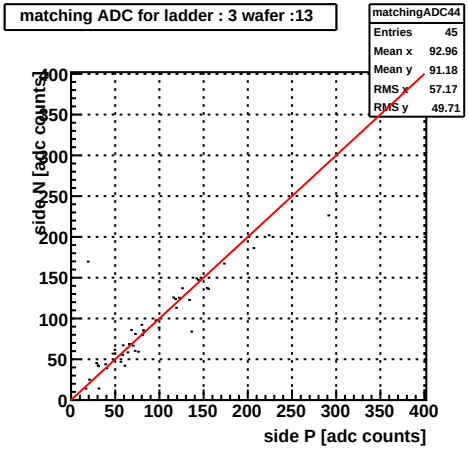

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 57
Mean x 79.11
Mean y 78.89
RMS x 58.48
RMS y 56.7
side N [adc counts]
side P [adc counts]

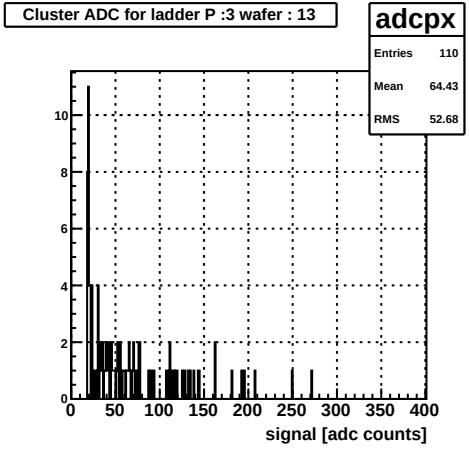

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 124
Mean 51.33
RMS 52.87
signal [adc counts]

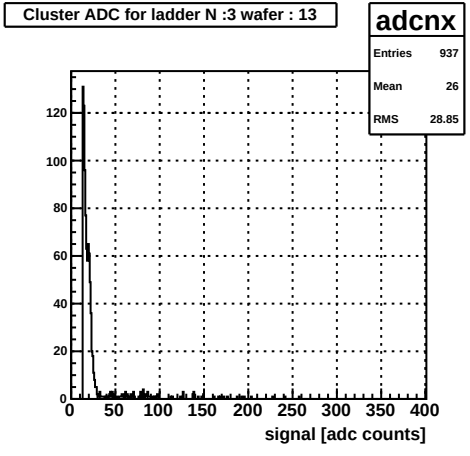

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 1017
Mean 35.1
RMS 33.97
signal [adc counts]

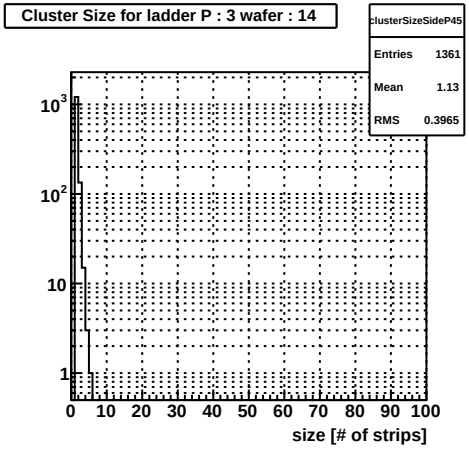

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 110
Mean 1.282
RMS 0.5898
size [# of strips]

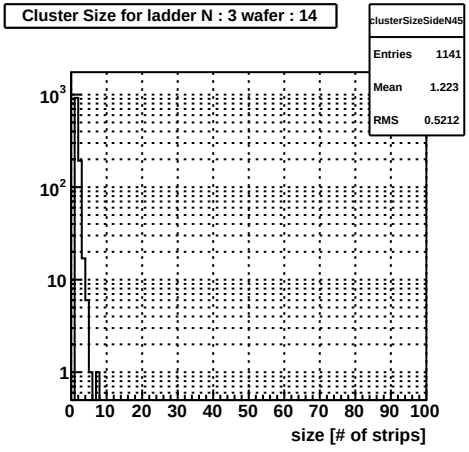

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 937
Mean 1.054
RMS 0.2776
size [# of strips]

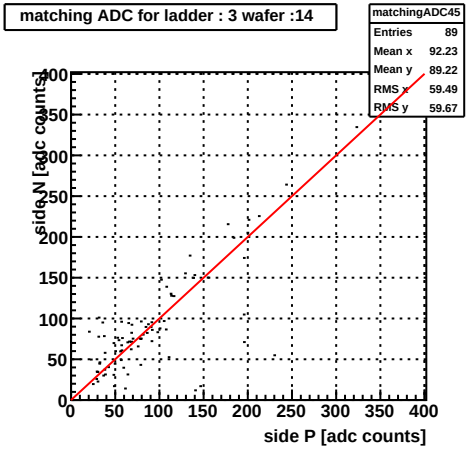

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 45
Mean x 92.96
Mean y 91.18
RMS x 57.17
RMS y 49.71
side N [adc counts]
side P [adc counts]

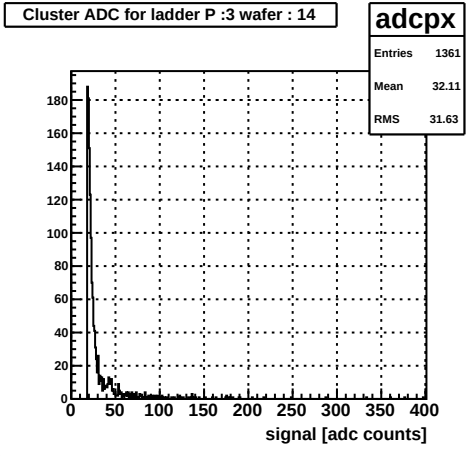

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 110
Mean 64.43
RMS 52.68
signal [adc counts]

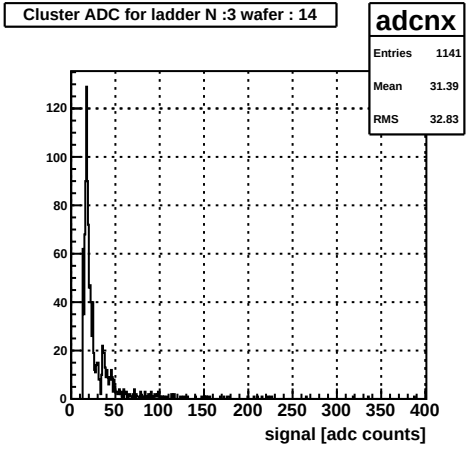

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 937
Mean 26
RMS 28.85
signal [adc counts]

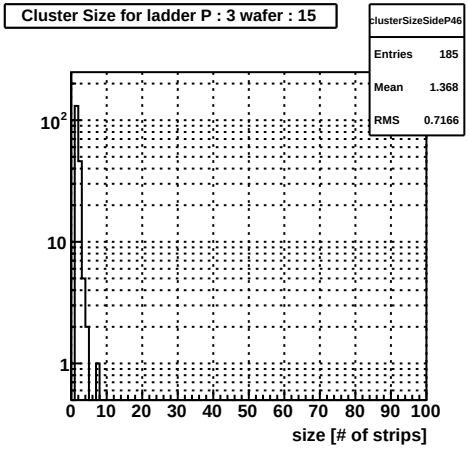

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 1361
Mean 1.13
RMS 0.3965
size [# of strips]

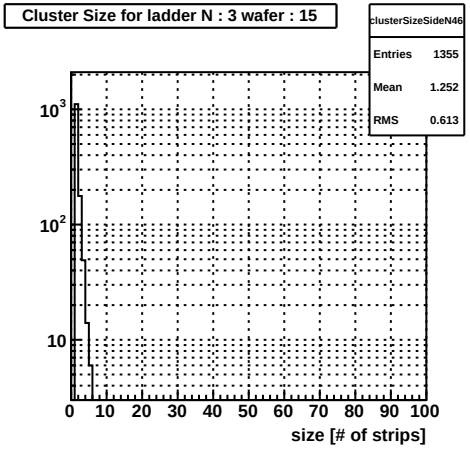

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 1141
Mean 1.223
RMS 0.5212
size [# of strips]

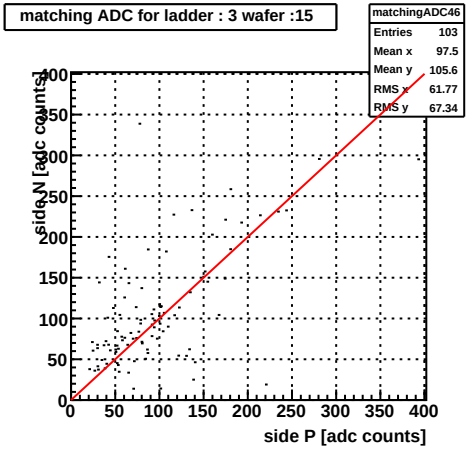

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 89
Mean x 92.23
Mean y 89.22
RMS x 59.49
RMS y 59.67
side N [adc counts]
side P [adc counts]

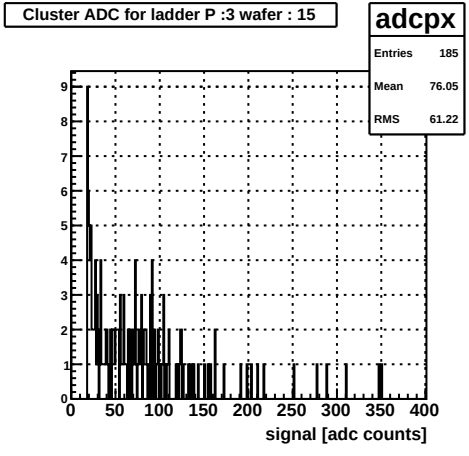

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 1361
Mean 32.11
RMS 31.63
signal [adc counts]

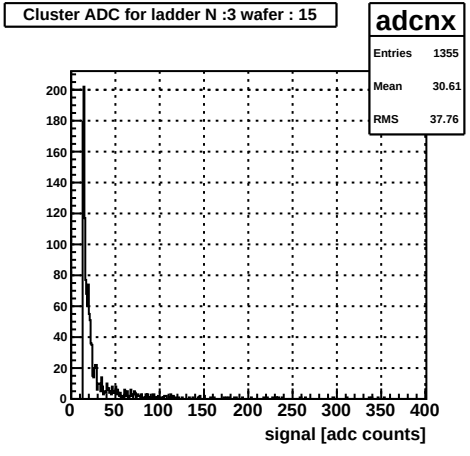

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 1141
Mean 31.39
RMS 32.83
signal [adc counts]

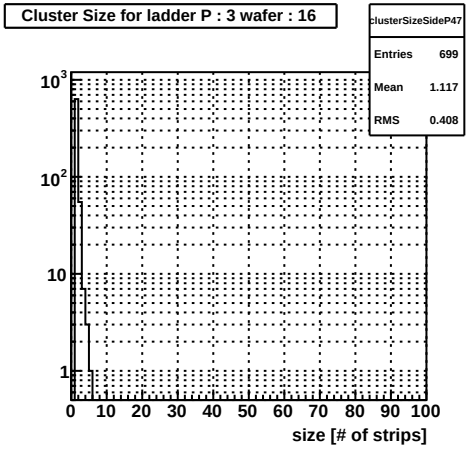

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 185
Mean 1.368
RMS 0.7166
size [# of strips]

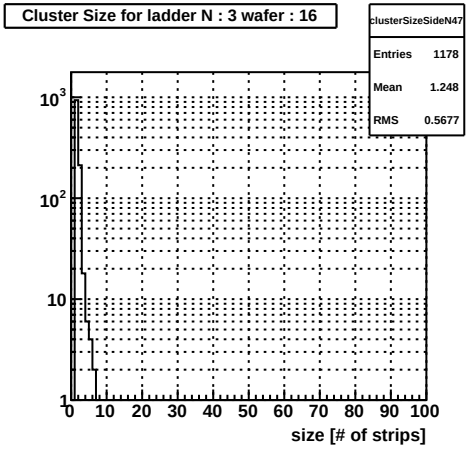

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 1355
Mean 1.252
RMS 0.613
size [# of strips]

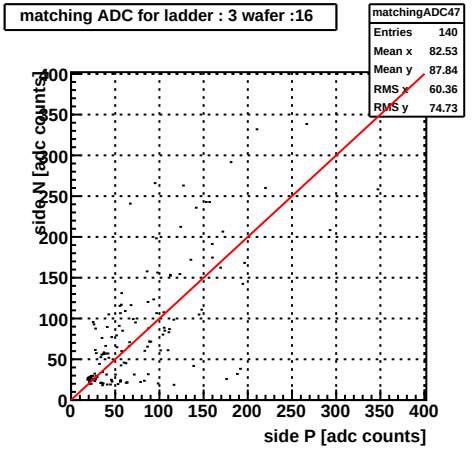

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 103
Mean x 97.5
Mean y 105.6
RMS x 61.77
RMS y 67.34
side N [adc counts]
side P [adc counts]

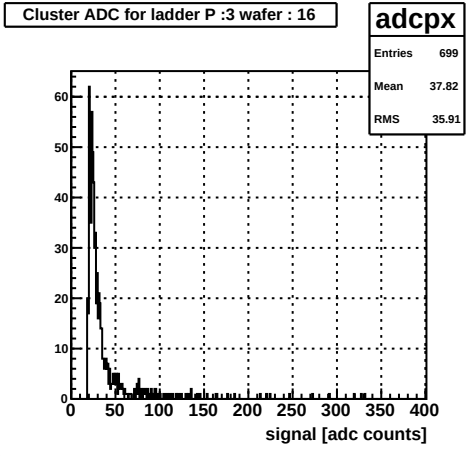

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 185
Mean 76.05
RMS 61.22
signal [adc counts]

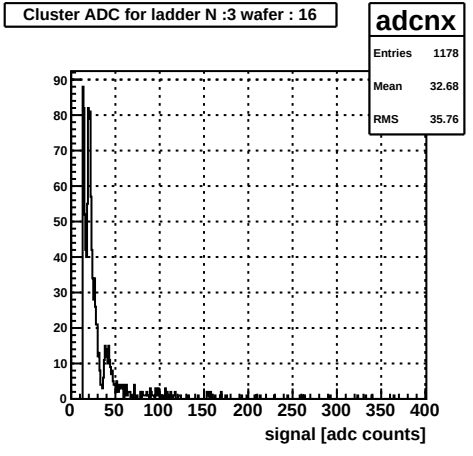

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 1355
Mean 30.61
RMS 37.76
signal [adc counts]

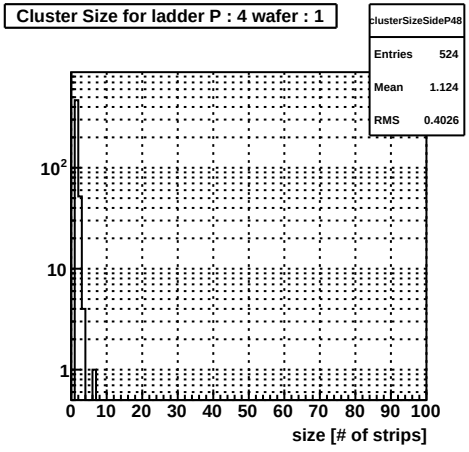

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 699
Mean 1.117
RMS 0.408
size [# of strips]

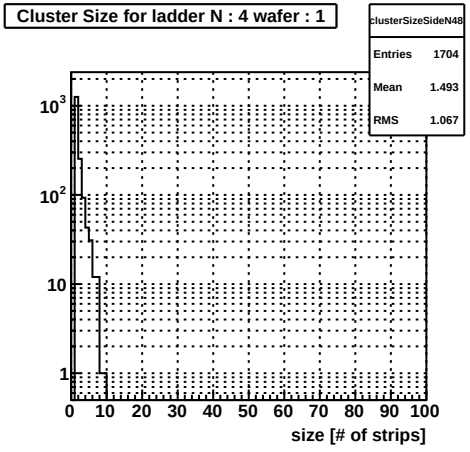

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 1178
Mean 1.248
RMS 0.5677
size [# of strips]

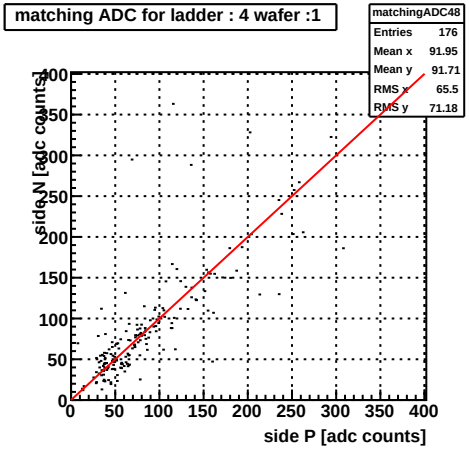

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 140
Mean x 82.53
Mean y 87.84
RMS x 60.36
RMS y 74.73
side N [adc counts]
side P [adc counts]

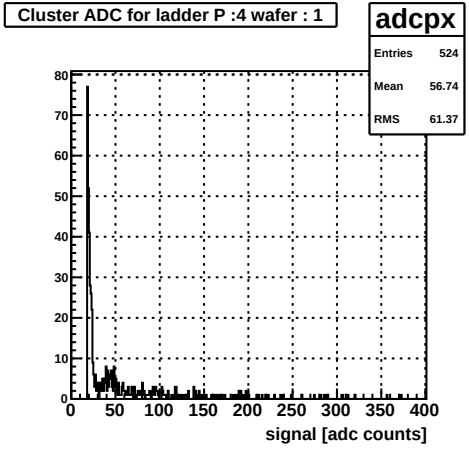

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 699
Mean 37.82
RMS 35.91
signal [adc counts]

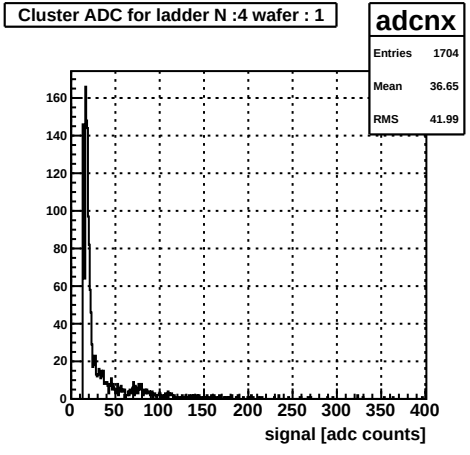

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 1178
Mean 32.68
RMS 35.76
signal [adc counts]

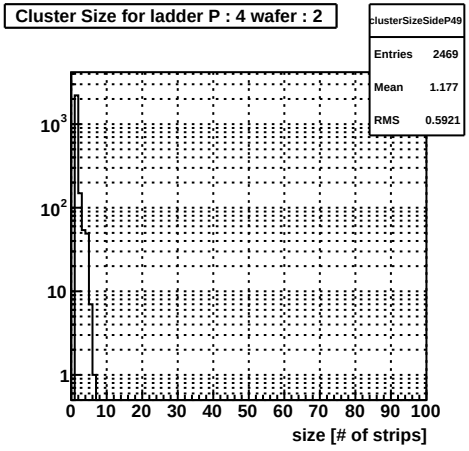

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 524
Mean 1.124
RMS 0.4026
size [# of strips]

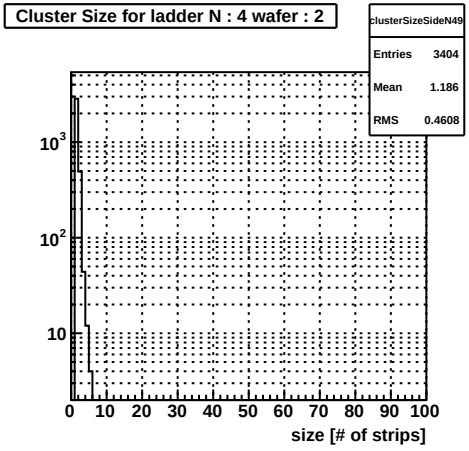

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 1704
Mean 1.493
RMS 1.067
size [# of strips]

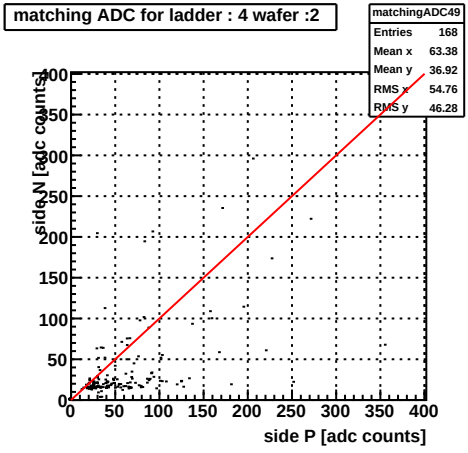

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 176
Mean x 91.95
Mean y 91.71
RMS x 65.5
RMS y 71.18
side N [adc counts]
side P [adc counts]

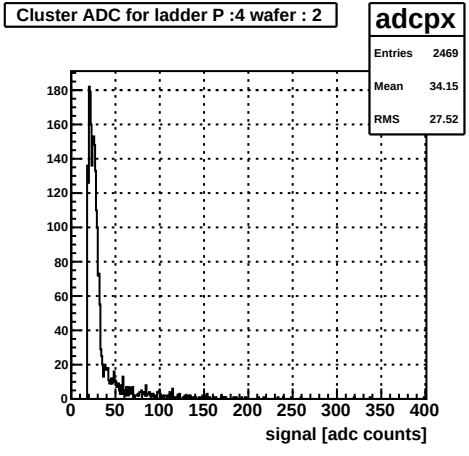

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 524
Mean 56.74
RMS 61.37
signal [adc counts]

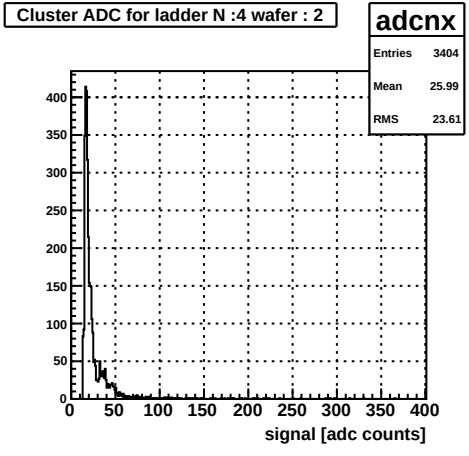

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 1704
Mean 36.65
RMS 41.99
signal [adc counts]

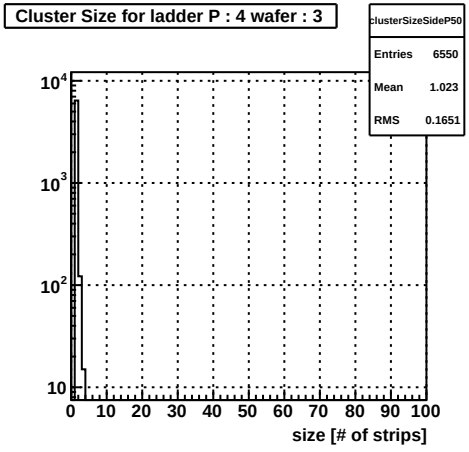

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2469
Mean 1.177
RMS 0.5921
size [# of strips]

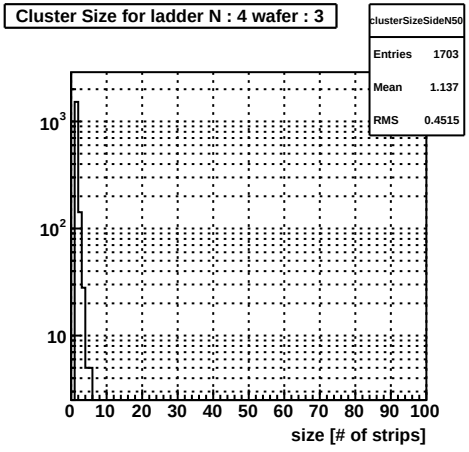

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 3404
Mean 1.186
RMS 0.4608
size [# of strips]

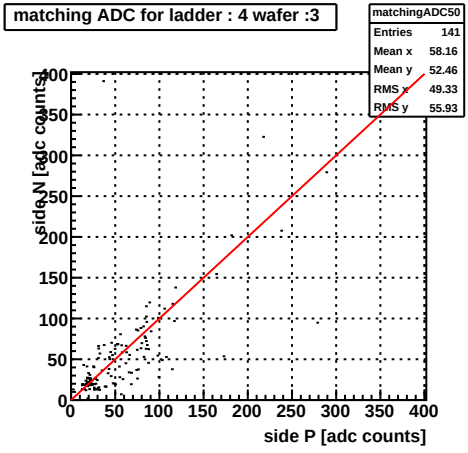

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 168
Mean x 63.38
Mean y 36.92
RMS x 54.76
RMS y 46.28
side N [adc counts]
side P [adc counts]

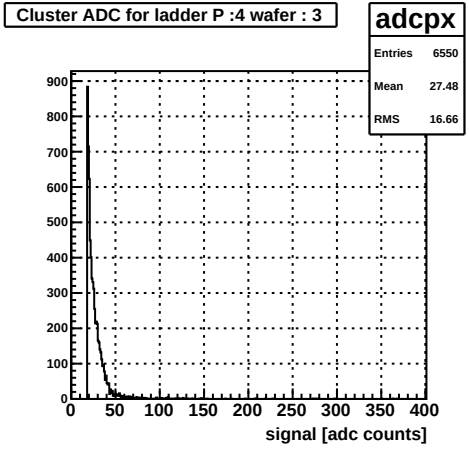

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2469
Mean 34.15
RMS 27.52
signal [adc counts]

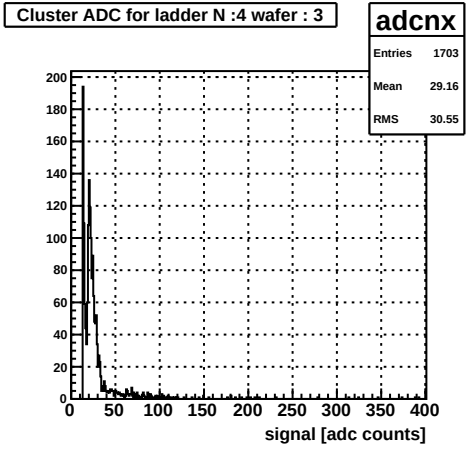

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 3404
Mean 25.99
RMS 23.61
signal [adc counts]

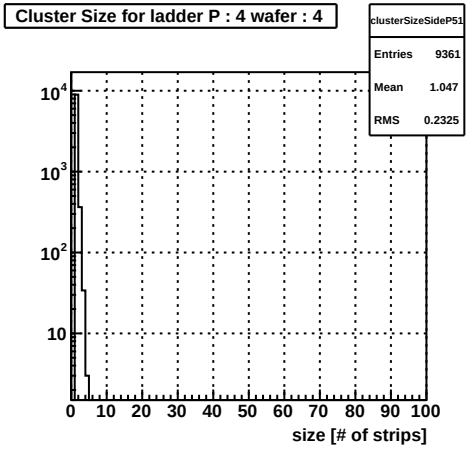

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 6550
Mean 1.023
RMS 0.1651
size [# of strips]

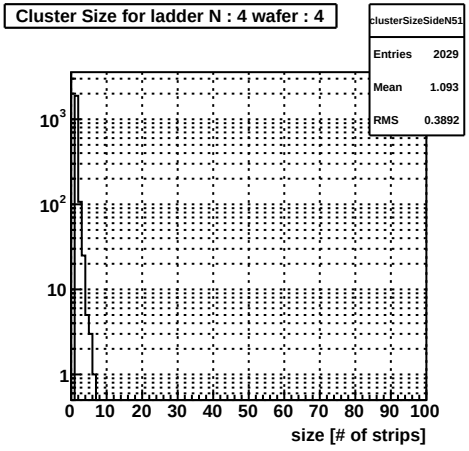

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 1703
Mean 1.137
RMS 0.4515
size [# of strips]

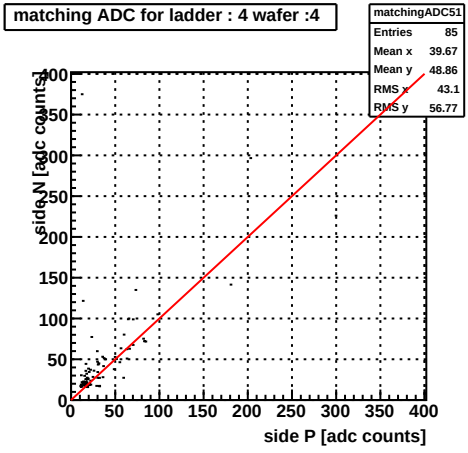

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 141
Mean x 58.16
Mean y 52.46
RMS x 49.33
RMS y 55.93
side N [adc counts]
side P [adc counts]

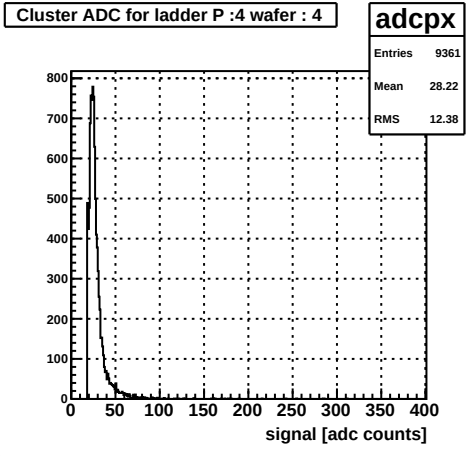

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 6550
Mean 27.48
RMS 16.66
signal [adc counts]

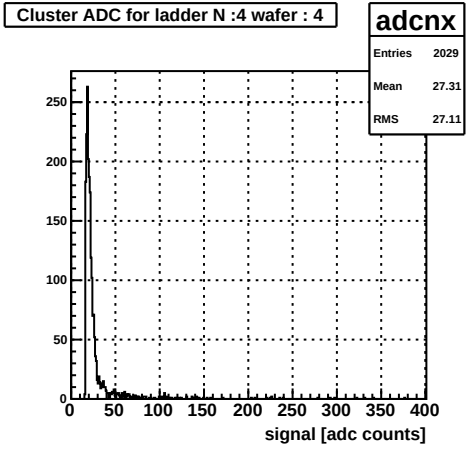

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 1703
Mean 29.16
RMS 30.55
signal [adc counts]

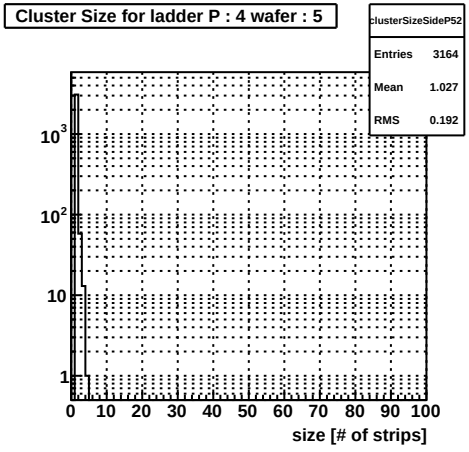

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 9361
Mean 1.047
RMS 0.2325
size [# of strips]

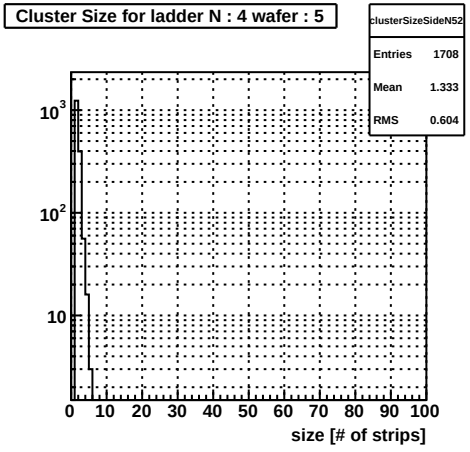

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 2029
Mean 1.093
RMS 0.3892
size [# of strips]

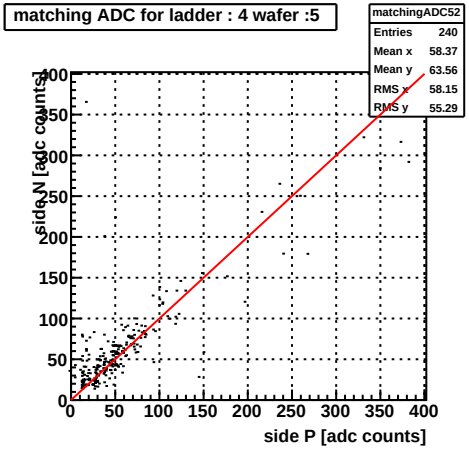

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 85
Mean x 39.67
Mean y 48.86
RMS x 43.1
RMS y 56.77
side N [adc counts]
side P [adc counts]

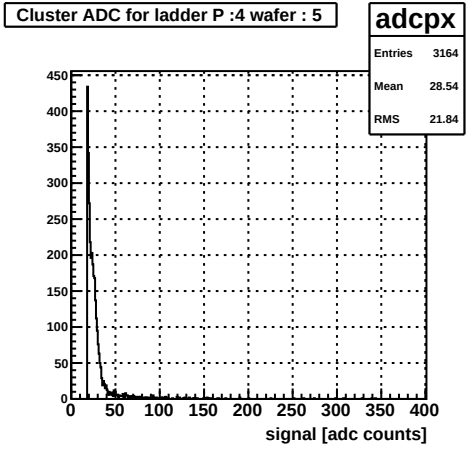

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 9361
Mean 28.22
RMS 12.38
signal [adc counts]

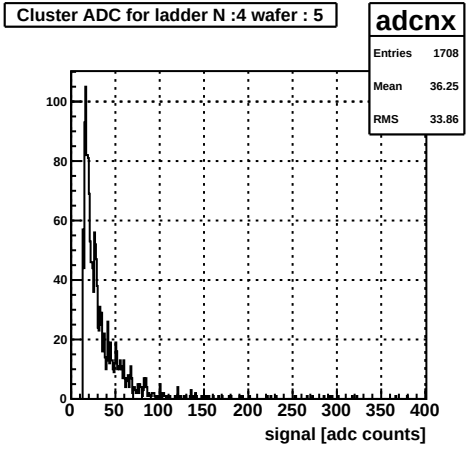

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 2029
Mean 27.31
RMS 27.11
signal [adc counts]

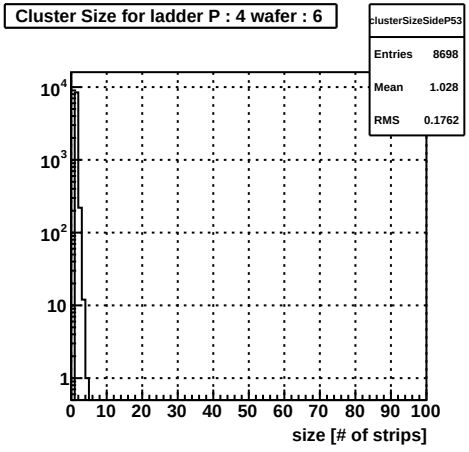

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 3164
Mean 1.027
RMS 0.192
size [# of strips]

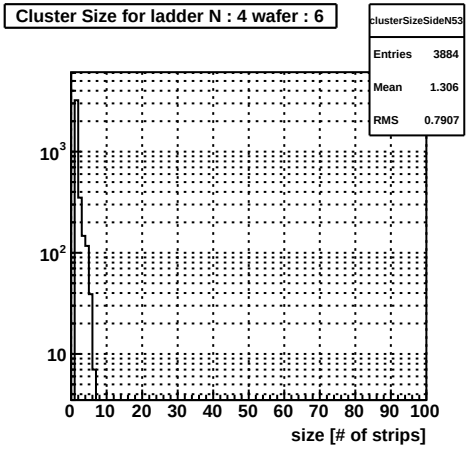

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 1708
Mean 1.333
RMS 0.604
size [# of strips]

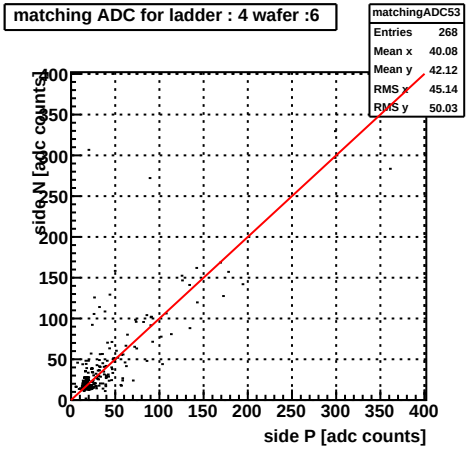

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 240
Mean x 58.37
Mean y 63.56
RMS x 58.15
RMS y 55.29
side N [adc counts]
side P [adc counts]

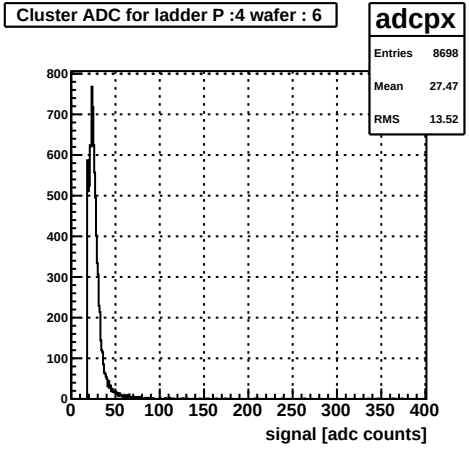

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 3164
Mean 28.54
RMS 21.84
signal [adc counts]

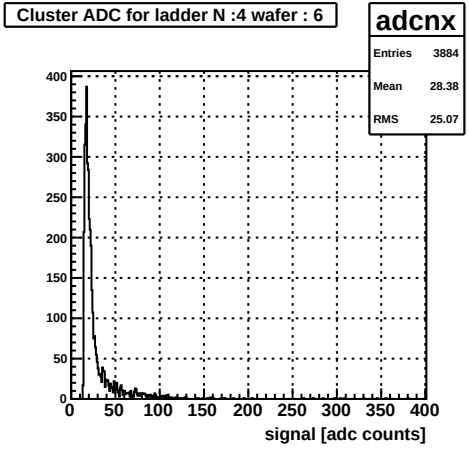

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 1708
Mean 36.25
RMS 33.86
signal [adc counts]

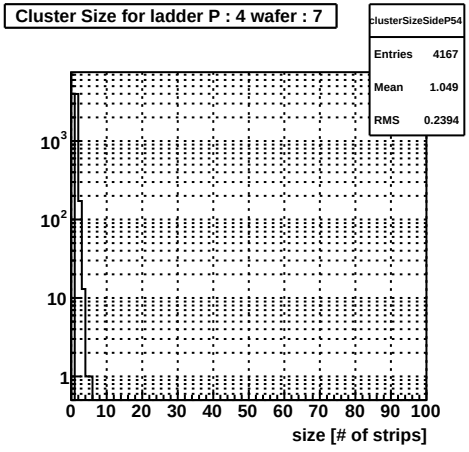

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 8698
Mean 1.028
RMS 0.1762
size [# of strips]

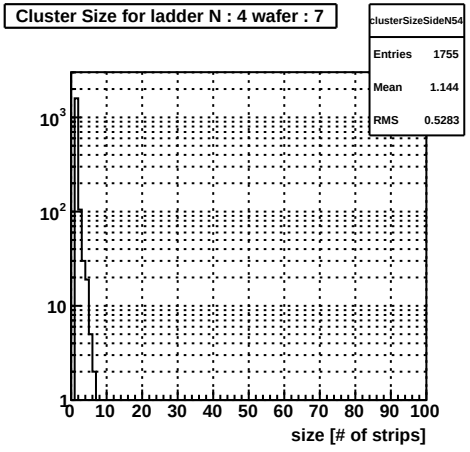

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 3884
Mean 1.306
RMS 0.7907
size [# of strips]

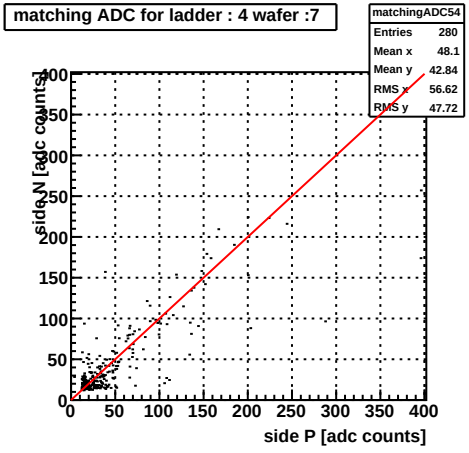

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 268
Mean x 40.08
Mean y 42.12
RMS x 45.14
RMS y 50.03
side N [adc counts]
side P [adc counts]

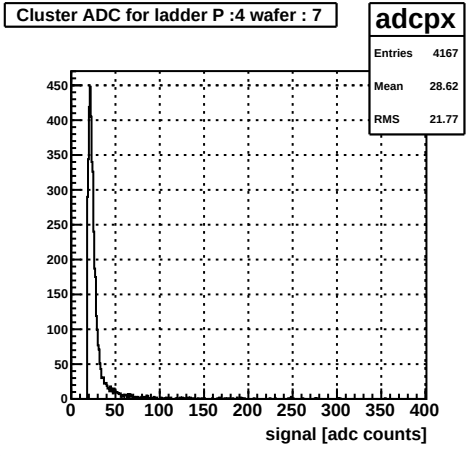

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 8698
Mean 27.47
RMS 13.52
signal [adc counts]

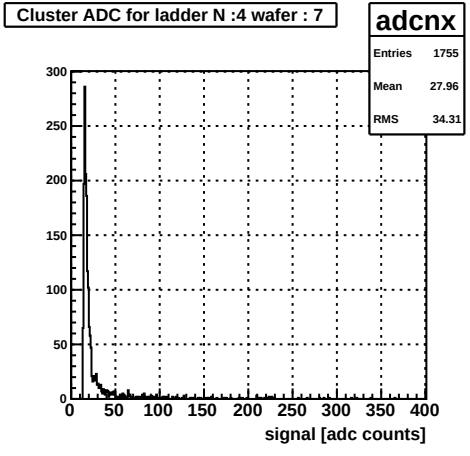

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 3884
Mean 28.38
RMS 25.07
signal [adc counts]

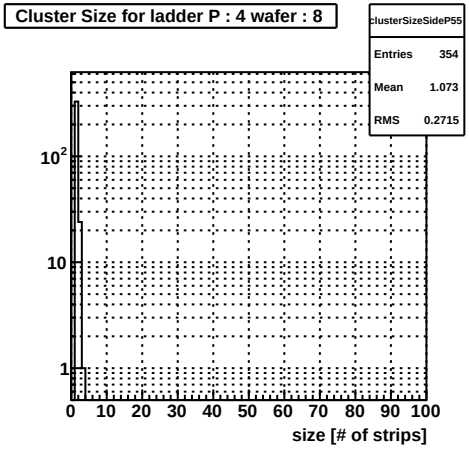

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 4167
Mean 1.049
RMS 0.2394
size [# of strips]

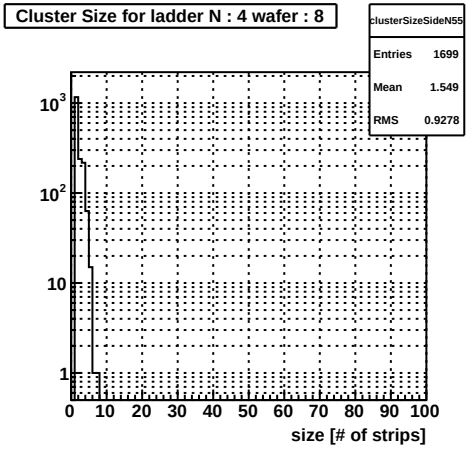

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 1755
Mean 1.144
RMS 0.5283
size [# of strips]

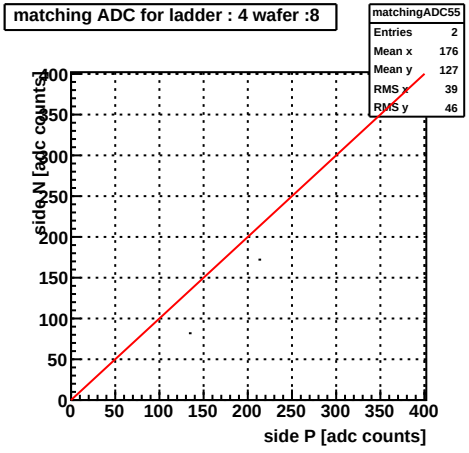

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 280
Mean x 48.1
Mean y 42.84
RMS x 56.62
RMS y 47.72
side N [adc counts]
side P [adc counts]

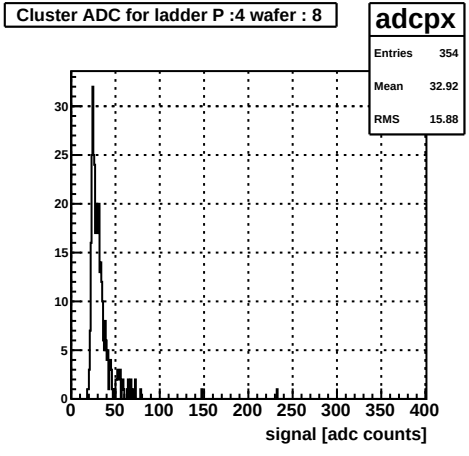

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 4167
Mean 28.62
RMS 21.77
signal [adc counts]

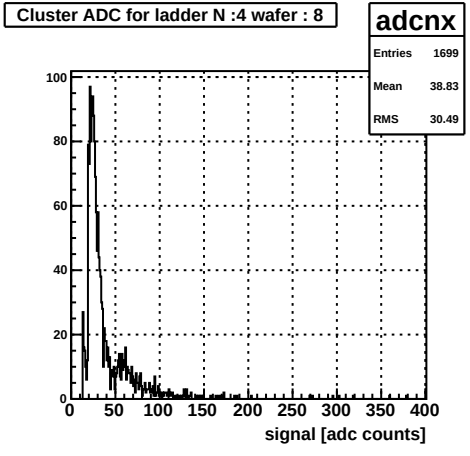

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 1755
Mean 27.96
RMS 34.31
signal [adc counts]

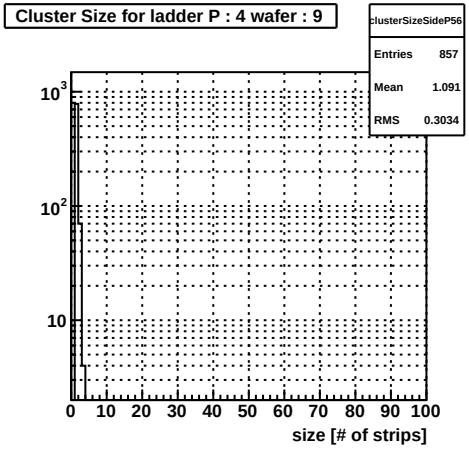

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 354
Mean 1.073
RMS 0.2715
size [# of strips]

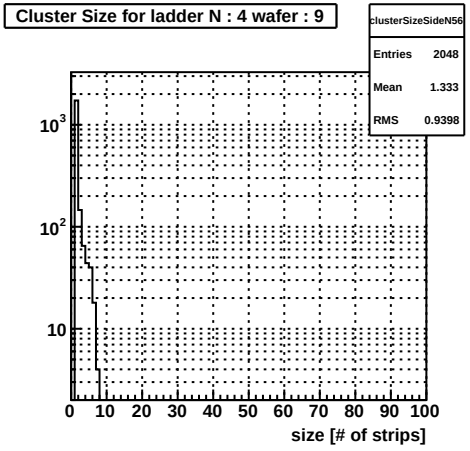

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 1699
Mean 1.549
RMS 0.9278
size [# of strips]

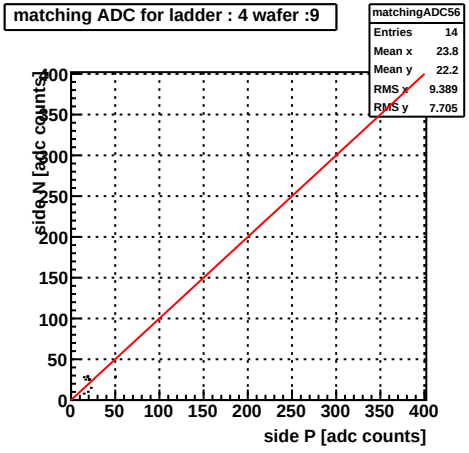

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 2
Mean x 176
Mean y 127
RMS x 39
RMS y 46
side N [adc counts]
side P [adc counts]

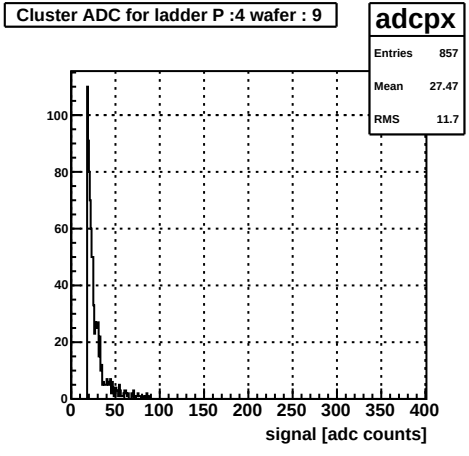

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 354
Mean 32.92
RMS 15.88
signal [adc counts]

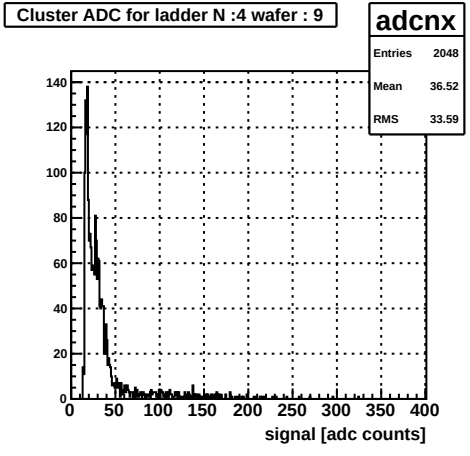

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 1699
Mean 38.83
RMS 30.49
signal [adc counts]

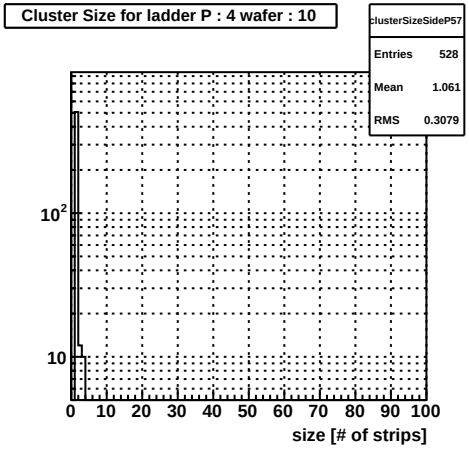

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 857
Mean 1.091
RMS 0.3034
size [# of strips]

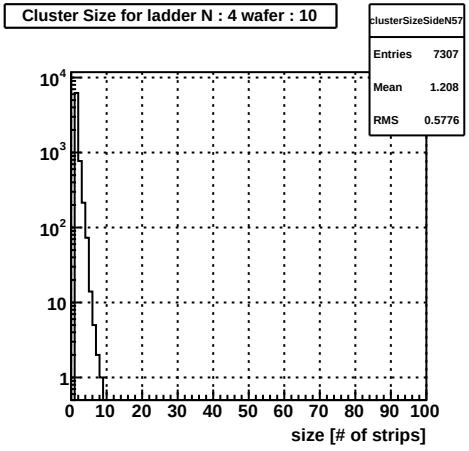

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 2048
Mean 1.333
RMS 0.9398
size [# of strips]

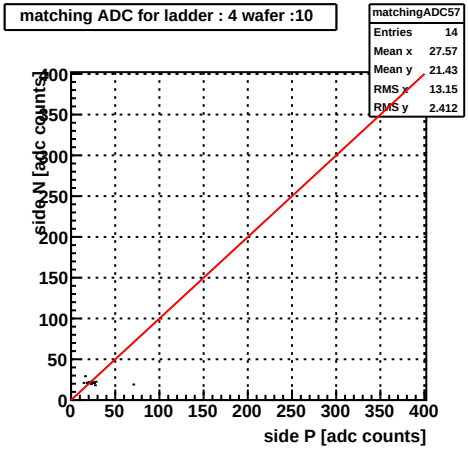

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 14
Mean x 23.8
Mean y 22.2
RMS x 9.389
RMS y 7.705
side N [adc counts]
side P [adc counts]

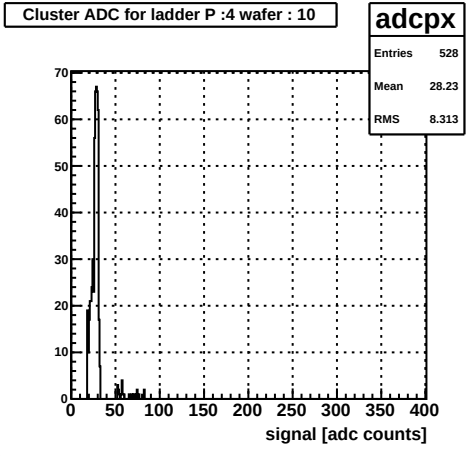

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 857
Mean 27.47
RMS 11.7
signal [adc counts]

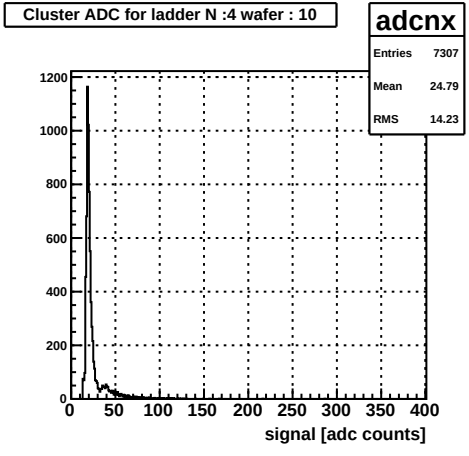

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 2048
Mean 36.52
RMS 33.59
signal [adc counts]

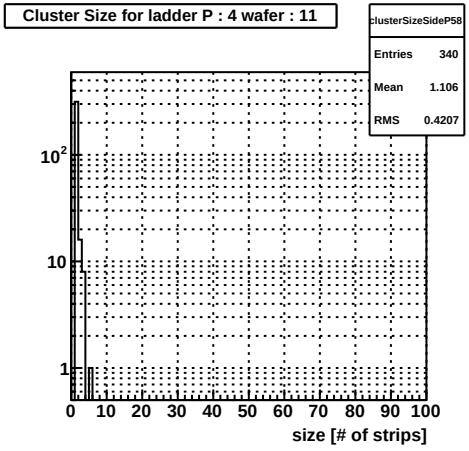

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 528
Mean 1.061
RMS 0.3079
size [# of strips]

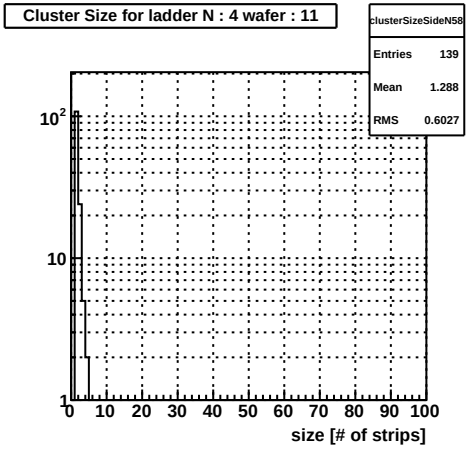

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 7307
Mean 1.208
RMS 0.5776
size [# of strips]

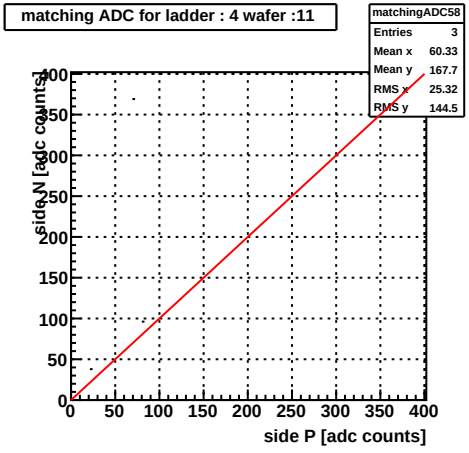

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 14
Mean x 27.57
Mean y 21.43
RMS x 13.15
RMS y 2.412
side N [adc counts]
side P [adc counts]

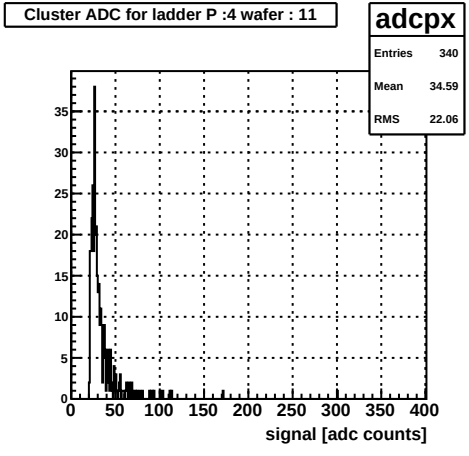

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 528
Mean 28.23
RMS 8.313
signal [adc counts]

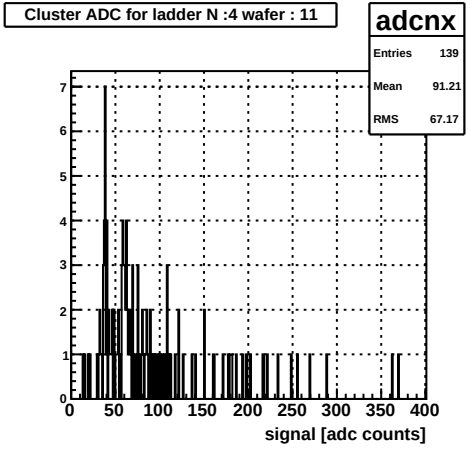

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 7307
Mean 24.79
RMS 14.23
signal [adc counts]

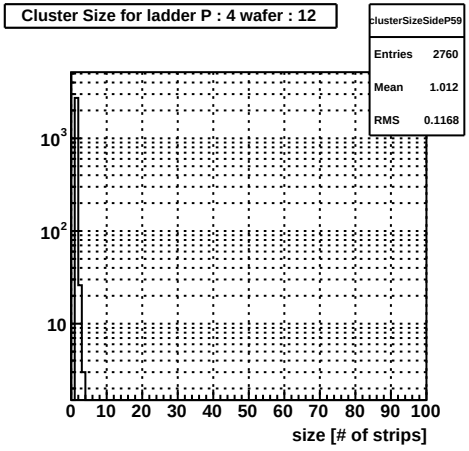

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 340
Mean 1.106
RMS 0.4207
size [# of strips]

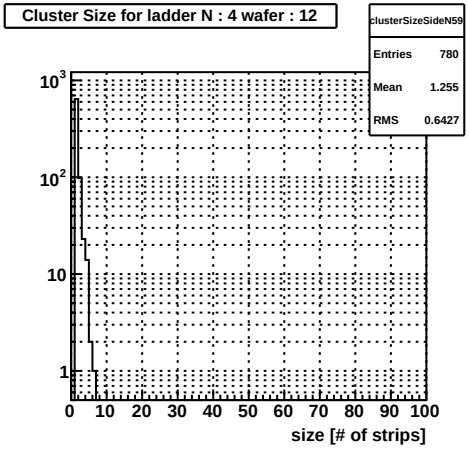

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 139
Mean 1.288
RMS 0.6027
size [# of strips]

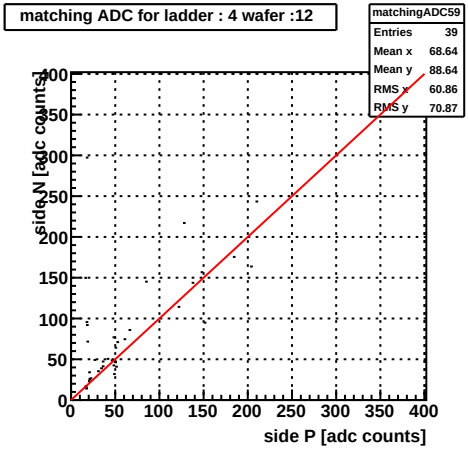

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 3
Mean x 60.33
Mean y 167.7
RMS x 25.32
RMS y 144.5
side N [adc counts]
side P [adc counts]

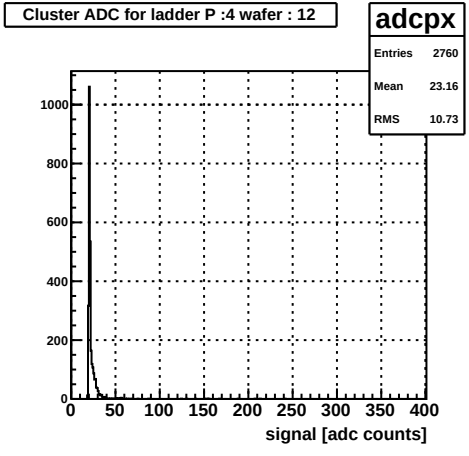

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 340
Mean 34.59
RMS 22.06
signal [adc counts]

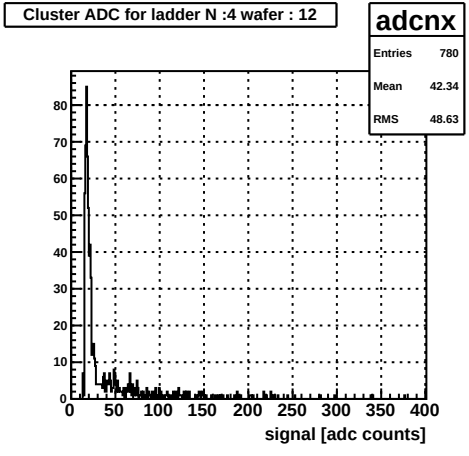

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 139
Mean 91.21
RMS 67.17
signal [adc counts]

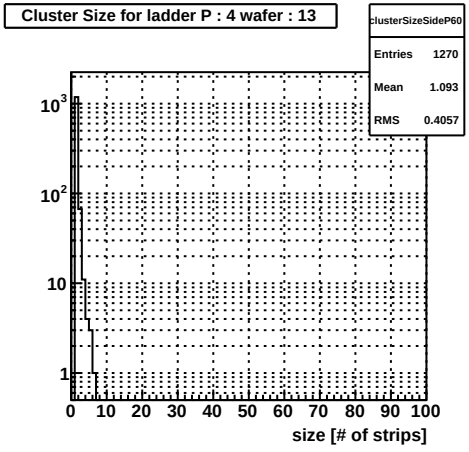

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 2760
Mean 1.012
RMS 0.1168
size [# of strips]

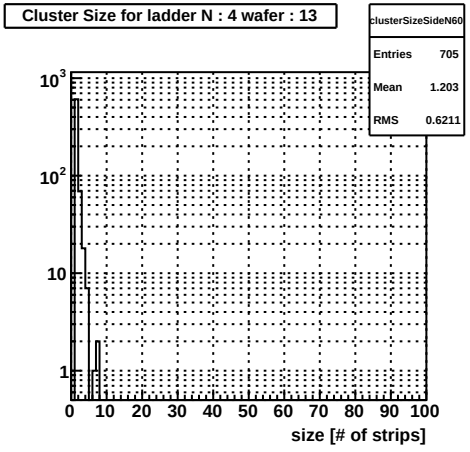

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 780
Mean 1.255
RMS 0.6427
size [# of strips]

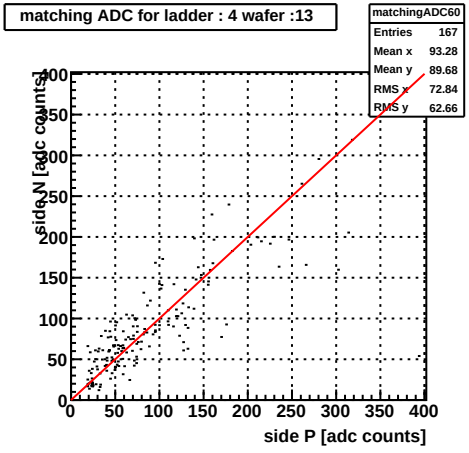

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 39
Mean x 68.64
Mean y 88.64
RMS x 60.86
RMS y 70.87
side N [adc counts]
side P [adc counts]

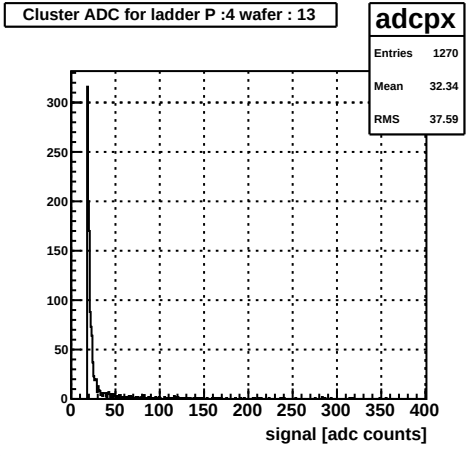

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 2760
Mean 23.16
RMS 10.73
signal [adc counts]

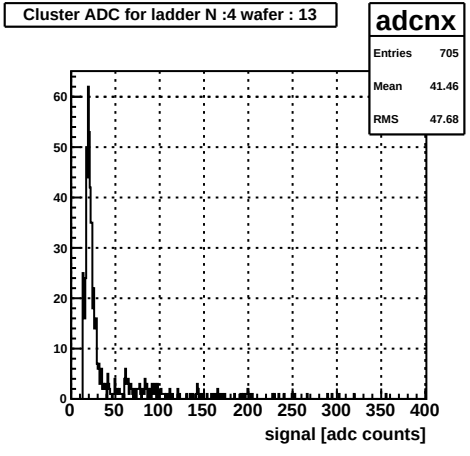

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 780
Mean 42.34
RMS 48.63
signal [adc counts]

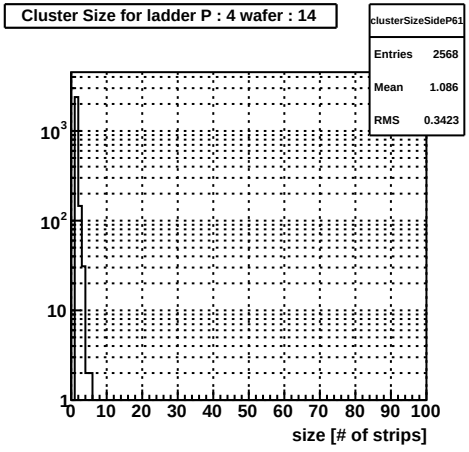

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 1270
Mean 1.093
RMS 0.4057
size [# of strips]

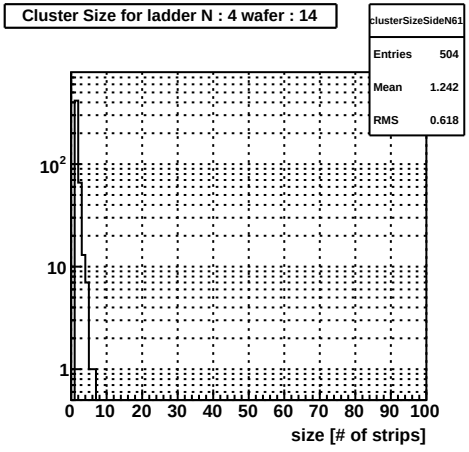

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 705
Mean 1.203
RMS 0.6211
size [# of strips]

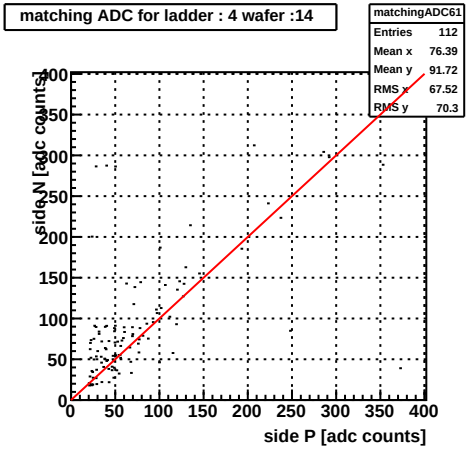

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 167
Mean x 93.28
Mean y 89.68
RMS x 72.84
RMS y 62.66
side N [adc counts]
side P [adc counts]

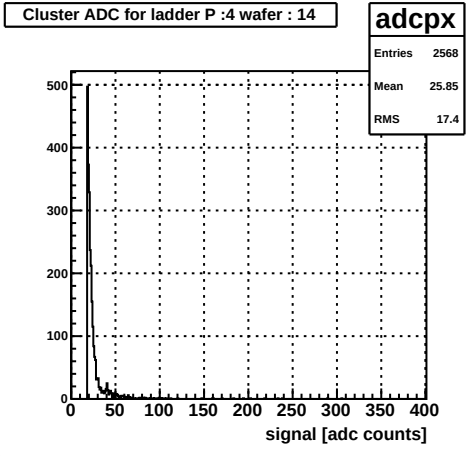

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 1270
Mean 32.34
RMS 37.59
signal [adc counts]

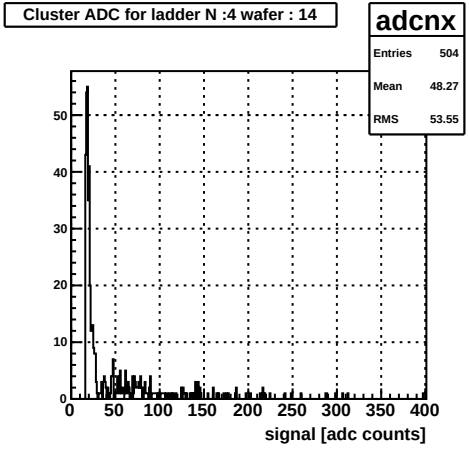

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 705
Mean 41.46
RMS 47.68
signal [adc counts]

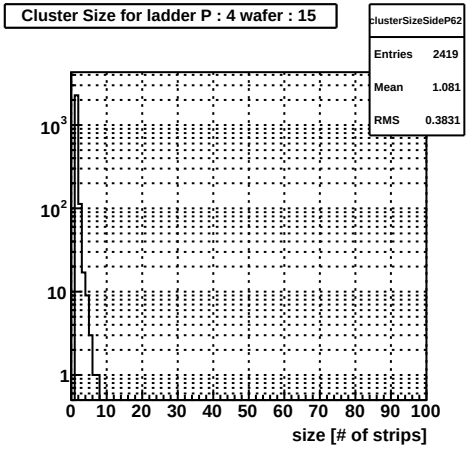

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 2568
Mean 1.086
RMS 0.3423
size [# of strips]

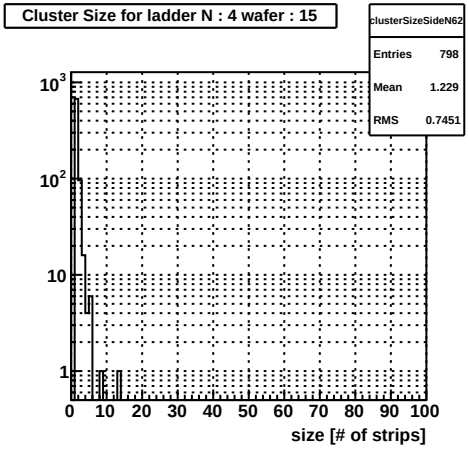

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 504
Mean 1.242
RMS 0.618
size [# of strips]

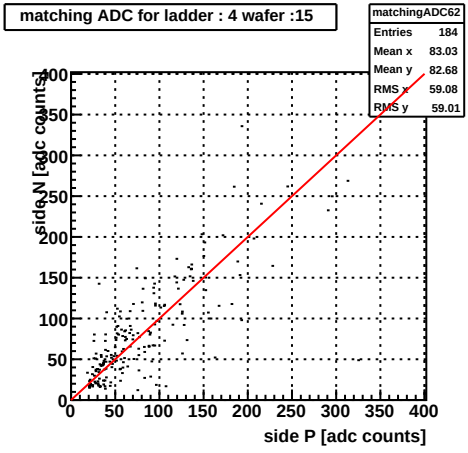

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 112
Mean x 76.39
Mean y 91.72
RMS x 67.52
RMS y 70.3
side N [adc counts]
side P [adc counts]

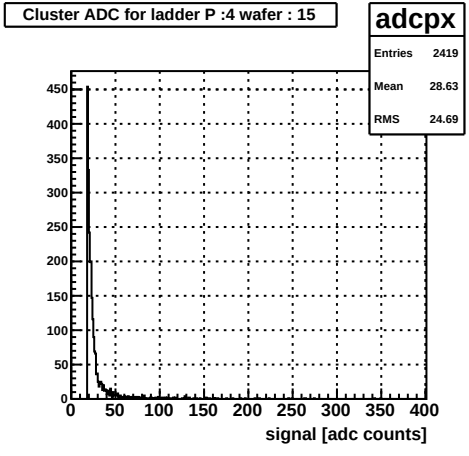

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 2568
Mean 25.85
RMS 17.4
signal [adc counts]

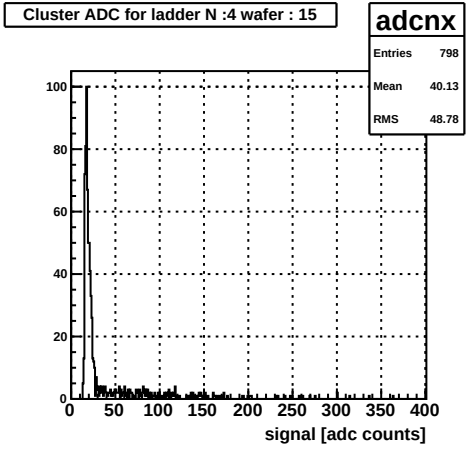

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 504
Mean 48.27
RMS 53.55
signal [adc counts]

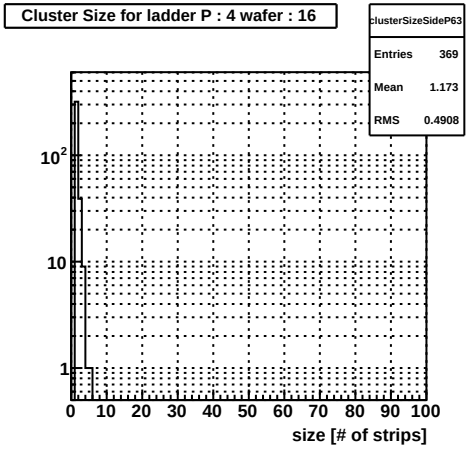

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 2419
Mean 1.081
RMS 0.3831
size [# of strips]

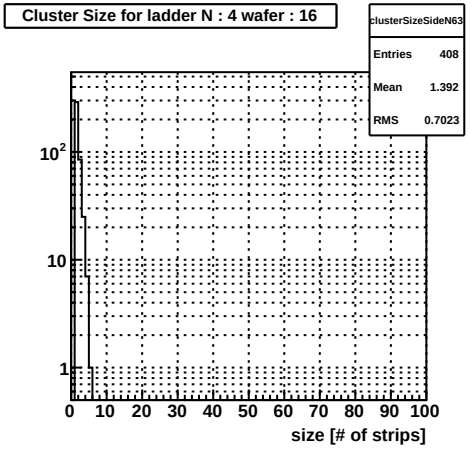

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 798
Mean 1.229
RMS 0.7451
size [# of strips]

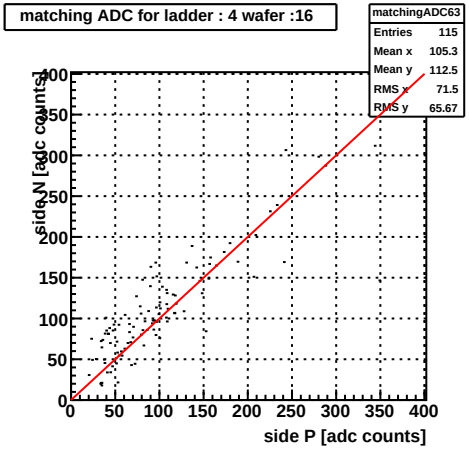

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 184
Mean x 83.03
Mean y 82.68
RMS x 59.08
RMS y 59.01
side N [adc counts]
side P [adc counts]

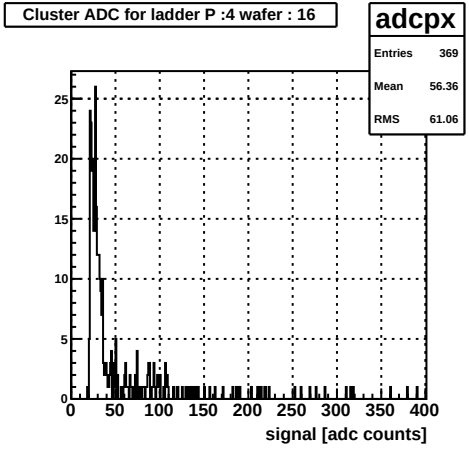

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 2419
Mean 28.63
RMS 24.69
signal [adc counts]

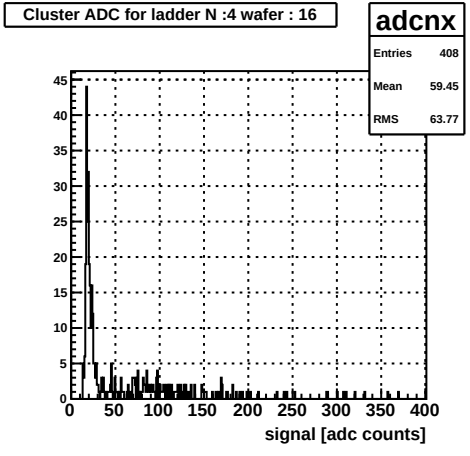

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 798
Mean 40.13
RMS 48.78
signal [adc counts]

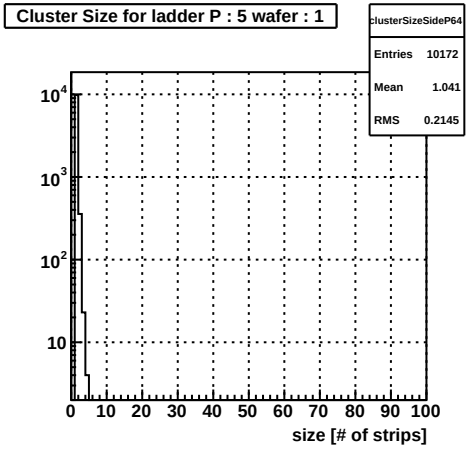

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 369
Mean 1.173
RMS 0.4908
size [# of strips]

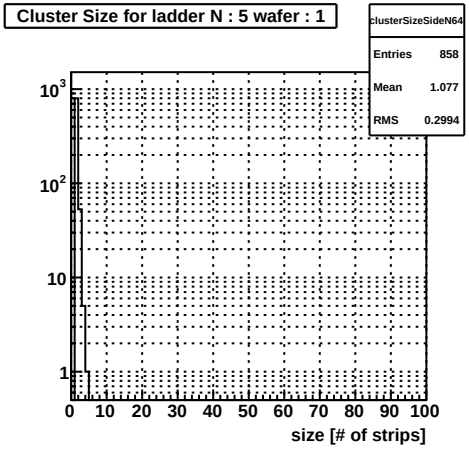

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 408
Mean 1.392
RMS 0.7023
size [# of strips]

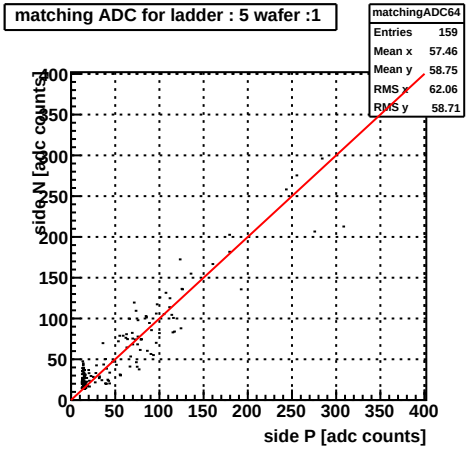

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 115
Mean x 105.3
Mean y 112.5
RMS x 71.5
RMS y 65.67
side N [adc counts]
side P [adc counts]

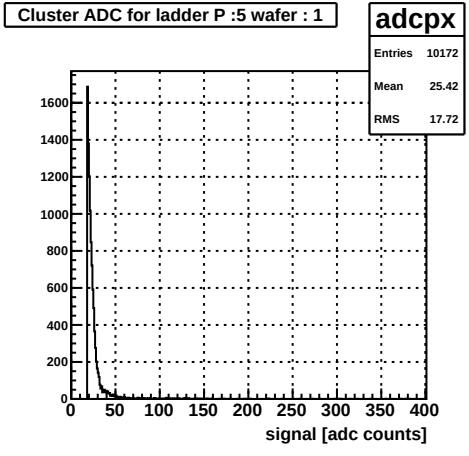

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 369
Mean 56.36
RMS 61.06
signal [adc counts]

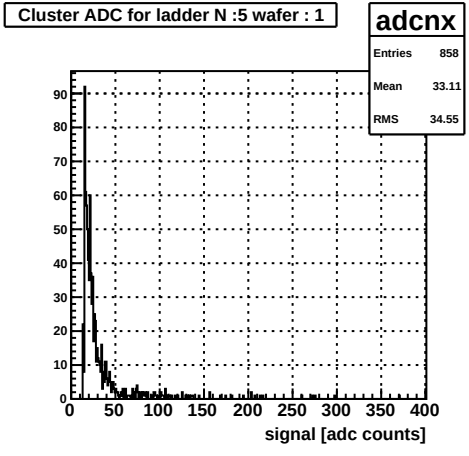

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 408
Mean 59.45
RMS 63.77
signal [adc counts]

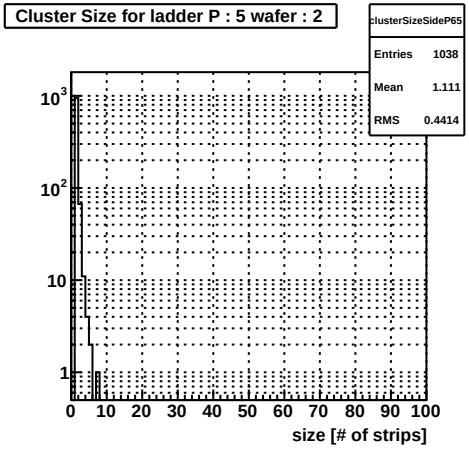

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 10172
Mean 1.041
RMS 0.2145
size [# of strips]

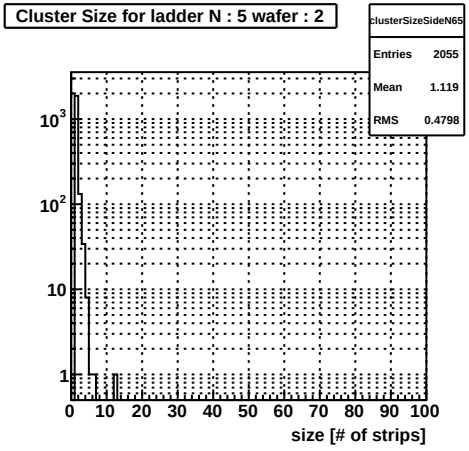

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 858
Mean 1.077
RMS 0.2994
size [# of strips]

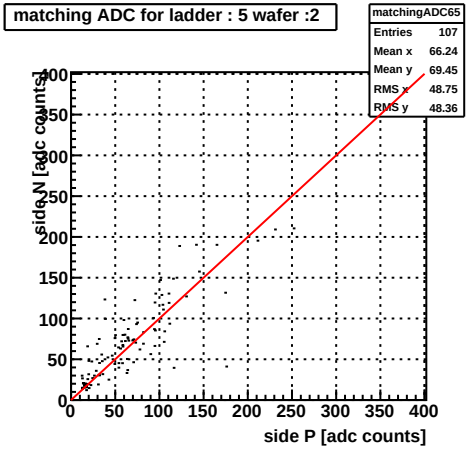

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 159
Mean x 57.46
Mean y 58.75
RMS x 62.06
RMS y 58.71
side N [adc counts]
side P [adc counts]

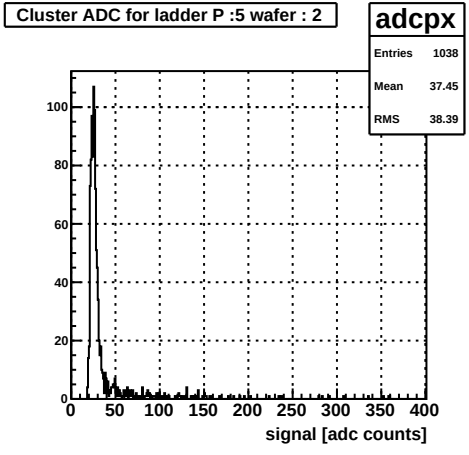

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 10172
Mean 25.42
RMS 17.72
signal [adc counts]

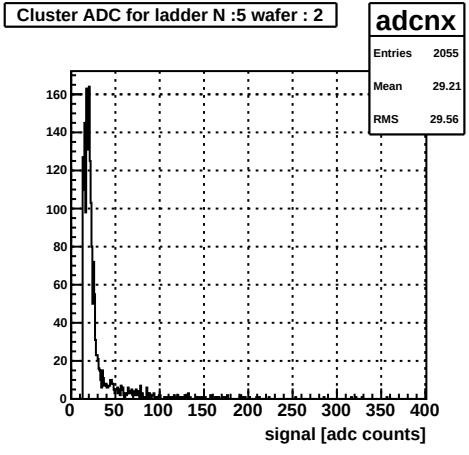

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 858
Mean 33.11
RMS 34.55
signal [adc counts]

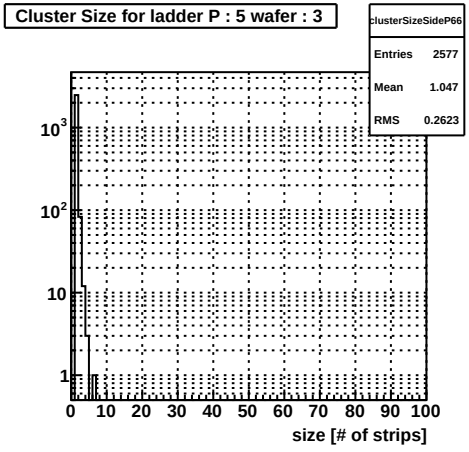

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1038
Mean 1.111
RMS 0.4414
size [# of strips]

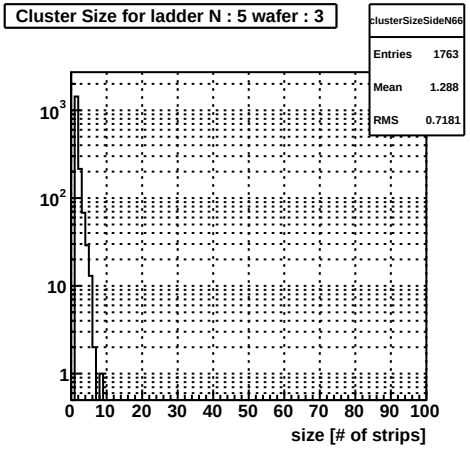

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 2055
Mean 1.119
RMS 0.4798
size [# of strips]

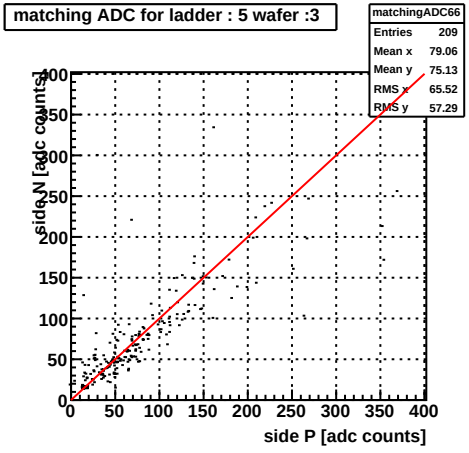

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 107
Mean x 66.24
Mean y 69.45
RMS x 48.75
RMS y 48.36
side N [adc counts]
side P [adc counts]

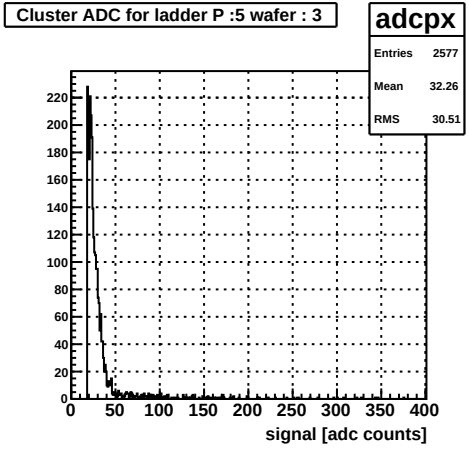

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1038
Mean 37.45
RMS 38.39
signal [adc counts]

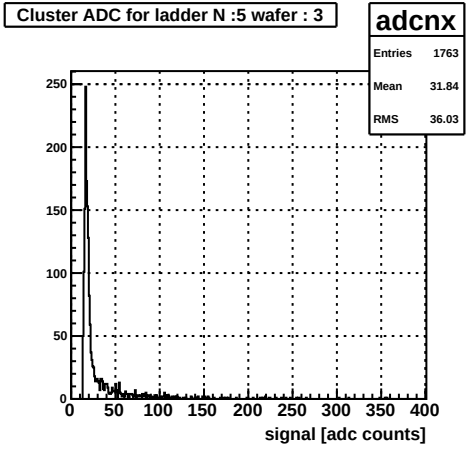

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 2055
Mean 29.21
RMS 29.56
signal [adc counts]

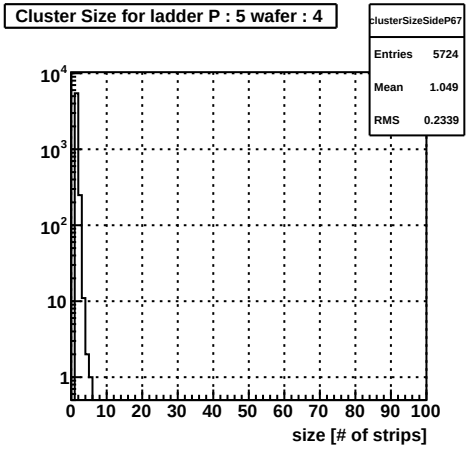

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 2577
Mean 1.047
RMS 0.2623
size [# of strips]

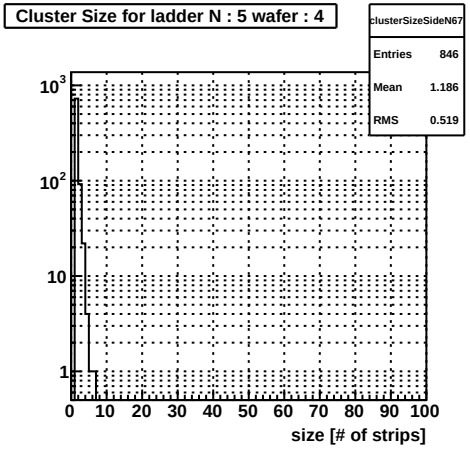

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 1763
Mean 1.288
RMS 0.7181
size [# of strips]

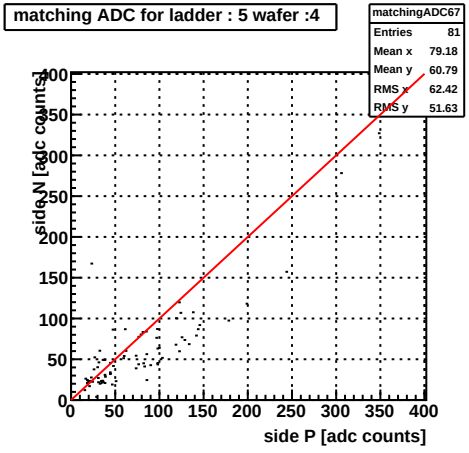

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 209
Mean x 79.06
Mean y 75.13
RMS x 65.52
RMS y 57.29
side N [adc counts]
side P [adc counts]

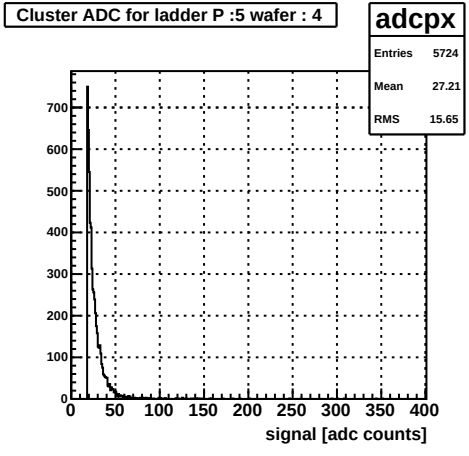

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 2577
Mean 32.26
RMS 30.51
signal [adc counts]

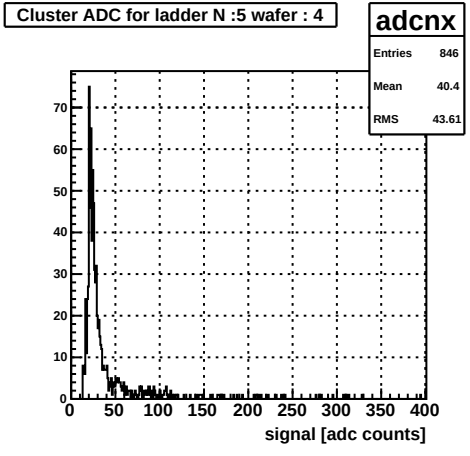

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 1763
Mean 31.84
RMS 36.03
signal [adc counts]

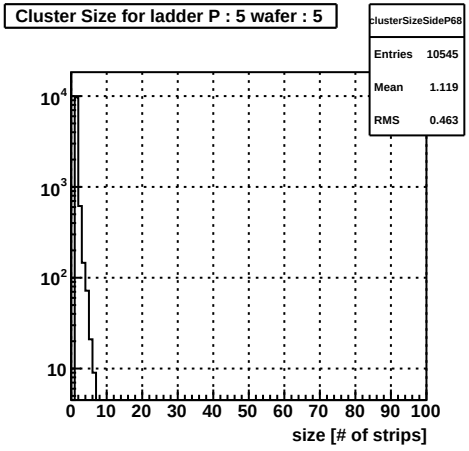

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 5724
Mean 1.049
RMS 0.2339
size [# of strips]

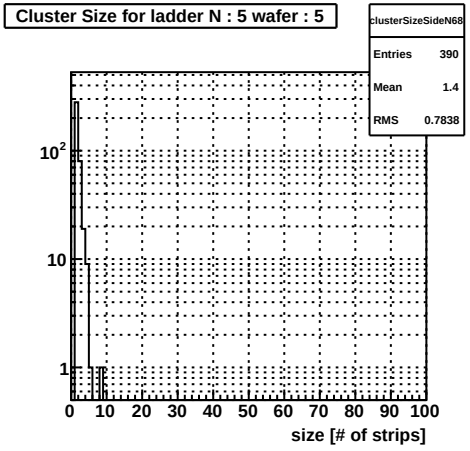

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 846
Mean 1.186
RMS 0.519
size [# of strips]

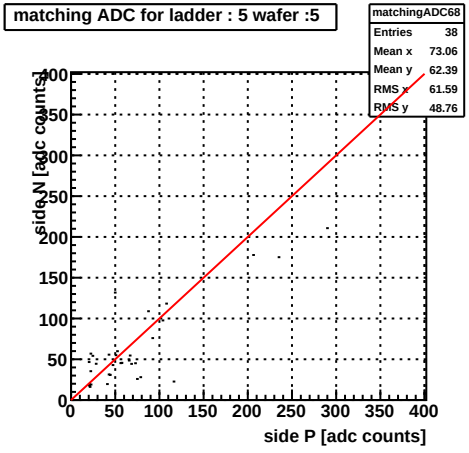

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 81
Mean x 79.18
Mean y 60.79
RMS x 62.42
RMS y 51.63
side N [adc counts]
side P [adc counts]

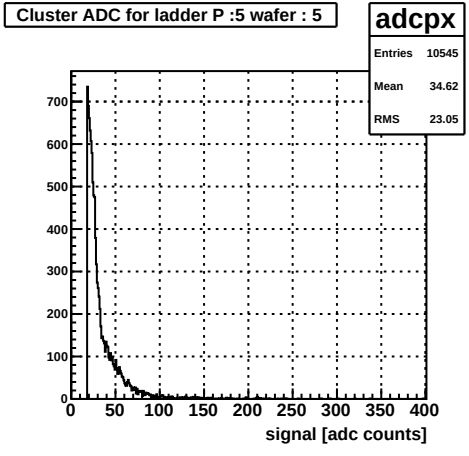

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 5724
Mean 27.21
RMS 15.65
signal [adc counts]

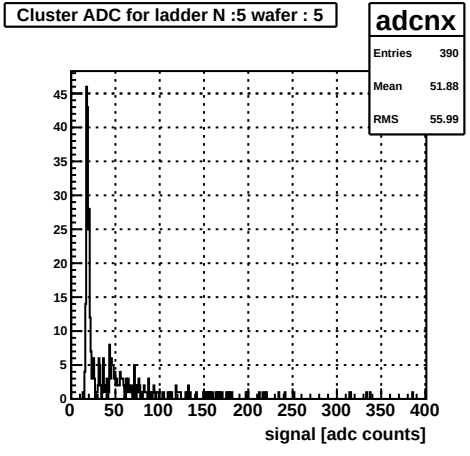

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 846
Mean 40.4
RMS 43.61
signal [adc counts]

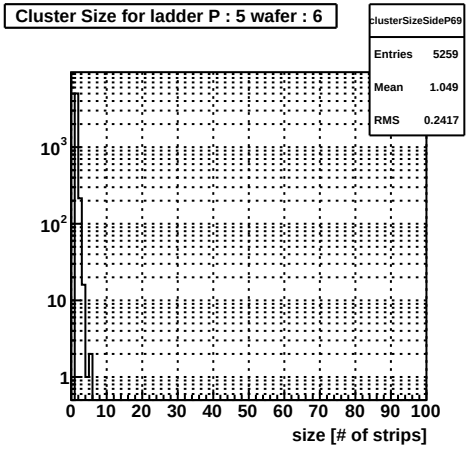

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 10545
Mean 1.119
RMS 0.463
size [# of strips]

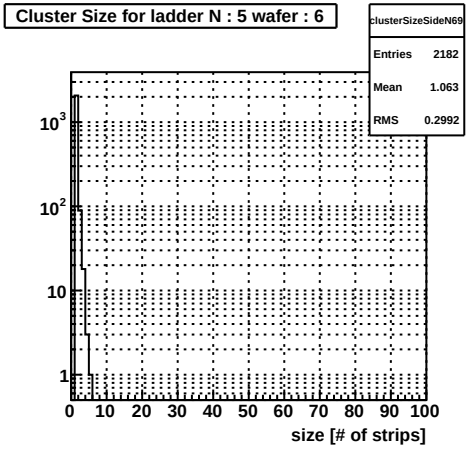

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 390
Mean 1.4
RMS 0.7838
size [# of strips]

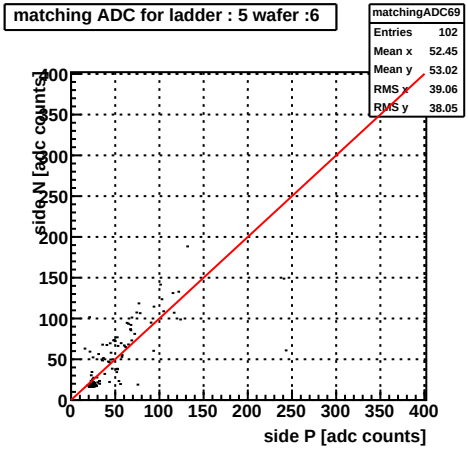

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 38
Mean x 73.06
Mean y 62.39
RMS x 61.59
RMS y 48.76
side N [adc counts]
side P [adc counts]

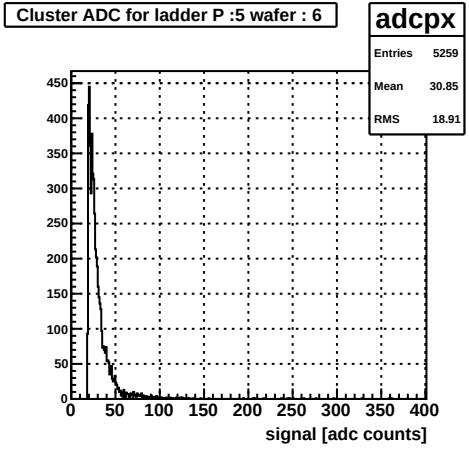

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 10545
Mean 34.62
RMS 23.05
signal [adc counts]

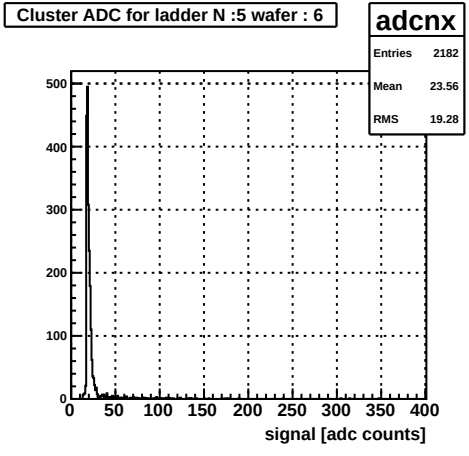

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 390
Mean 51.88
RMS 55.99
signal [adc counts]

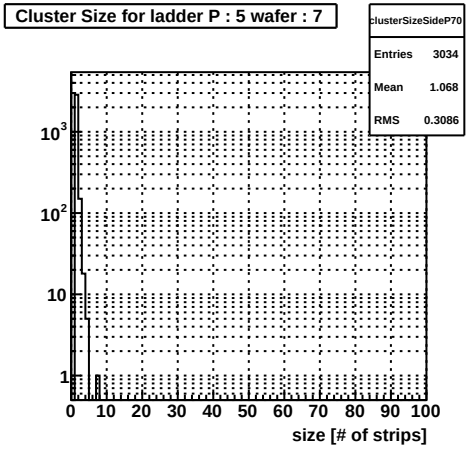

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 5259
Mean 1.049
RMS 0.2417
size [# of strips]

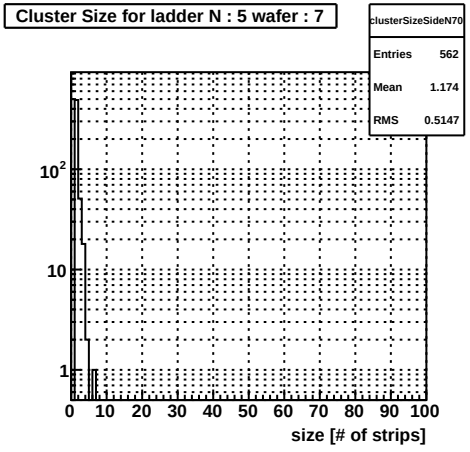

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 2182
Mean 1.063
RMS 0.2992
size [# of strips]

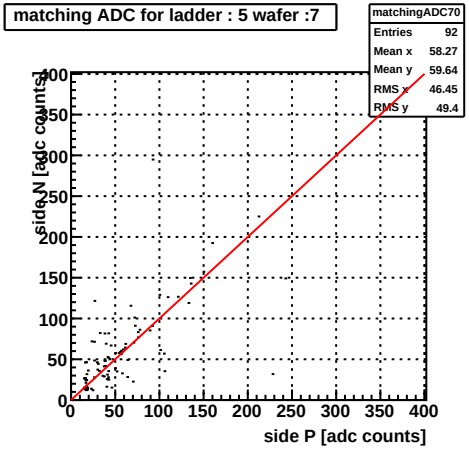

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 102
Mean x 52.45
Mean y 53.02
RMS x 39.06
RMS y 38.05
side N [adc counts]
side P [adc counts]

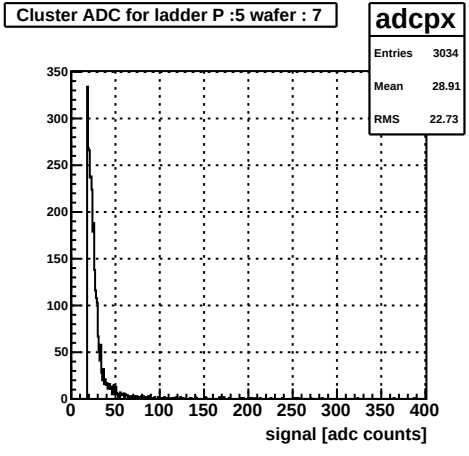

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 5259
Mean 30.85
RMS 18.91
signal [adc counts]

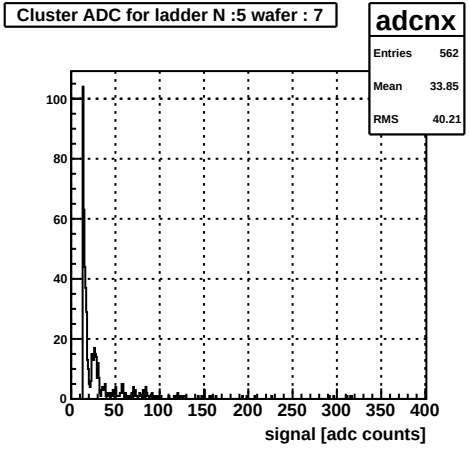

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 2182
Mean 23.56
RMS 19.28
signal [adc counts]

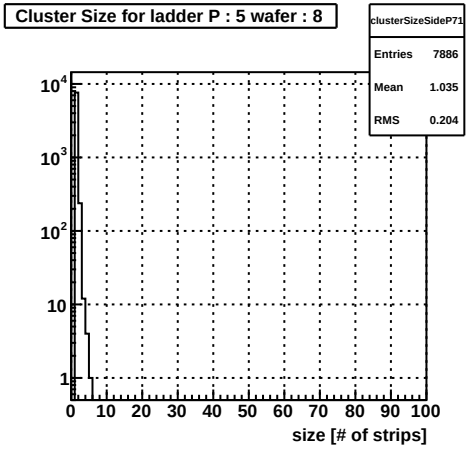

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 3034
Mean 1.068
RMS 0.3086
size [# of strips]

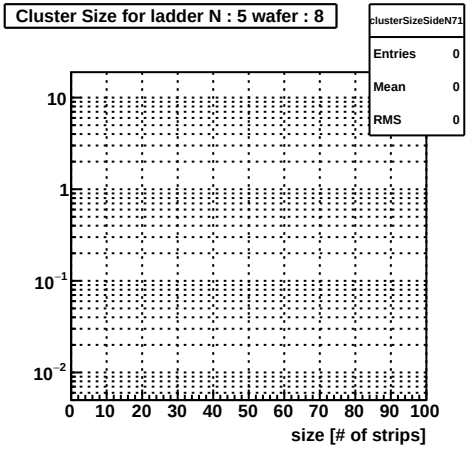

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 562
Mean 1.174
RMS 0.5147
size [# of strips]

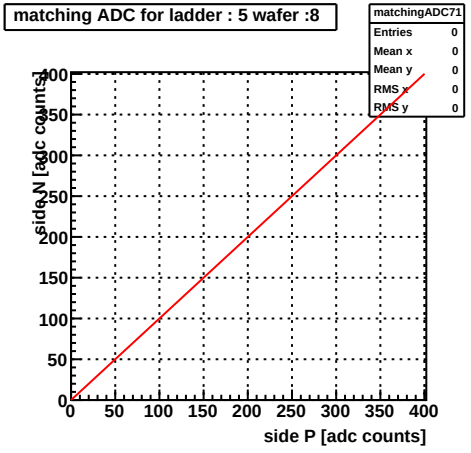

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 92
Mean x 58.27
Mean y 59.64
RMS x 46.45
RMS y 49.4
side N [adc counts]
side P [adc counts]

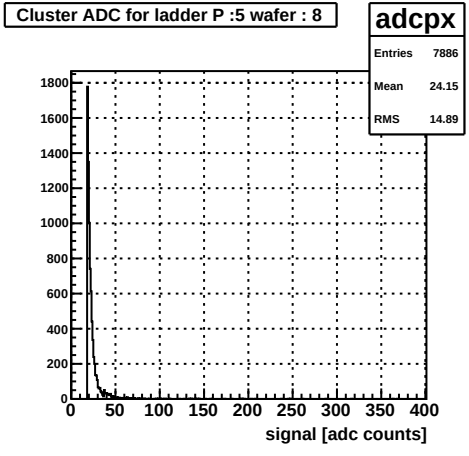

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 3034
Mean 28.91
RMS 22.73
signal [adc counts]

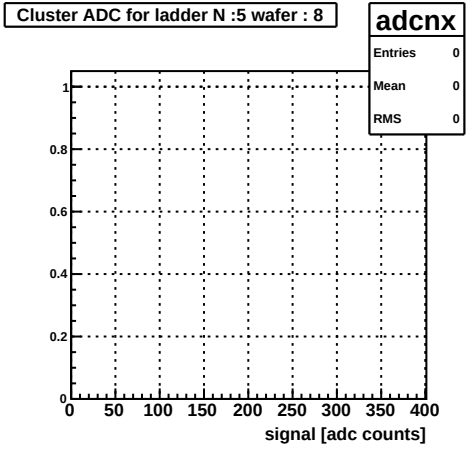

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 562
Mean 33.85
RMS 40.21
signal [adc counts]

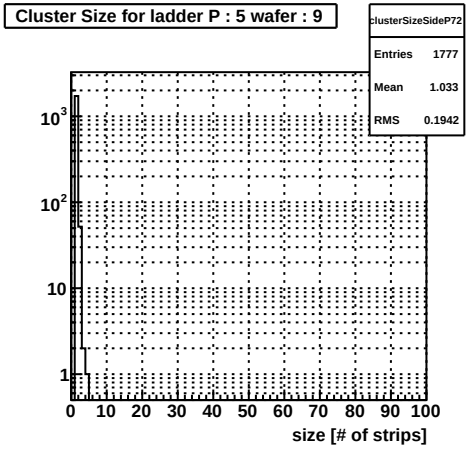

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 7886
Mean 1.035
RMS 0.204
size [# of strips]

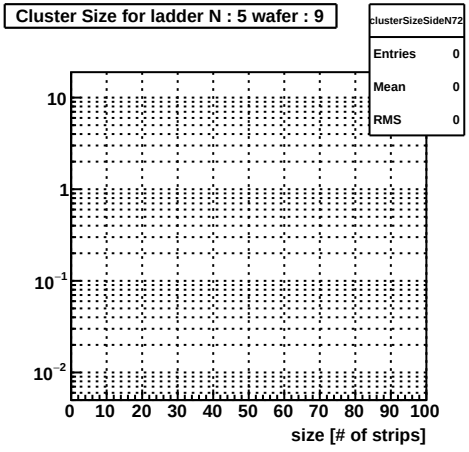

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

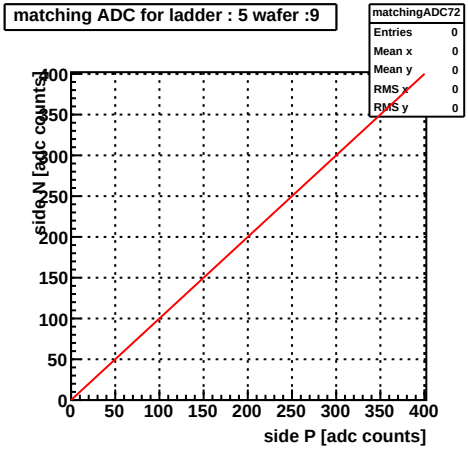

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

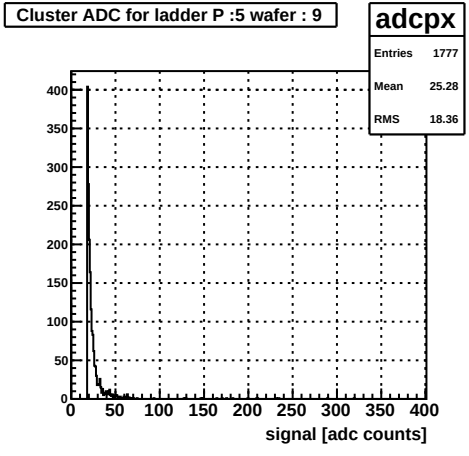

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 7886
Mean 24.15
RMS 14.89
signal [adc counts]

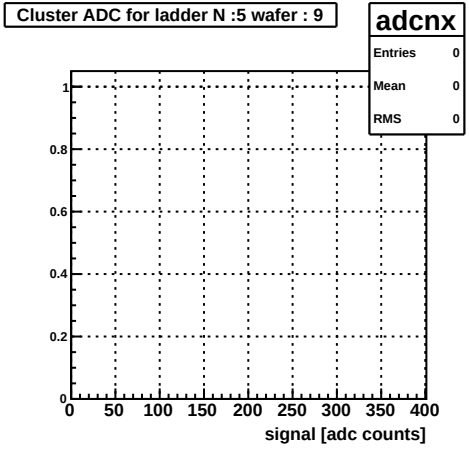

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

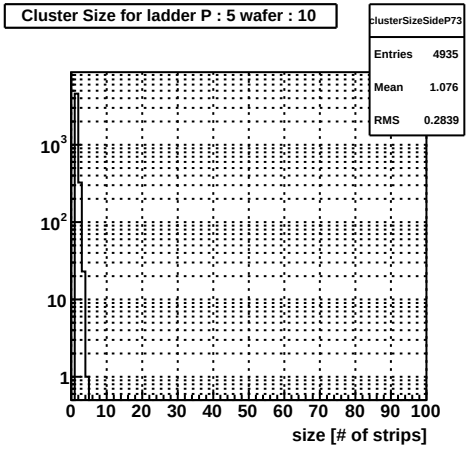

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 1777
Mean 1.033
RMS 0.1942
size [# of strips]

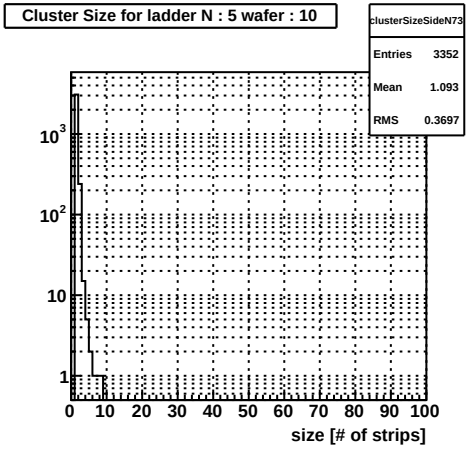

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

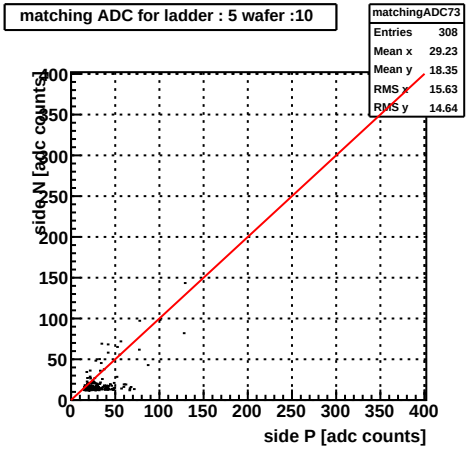

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

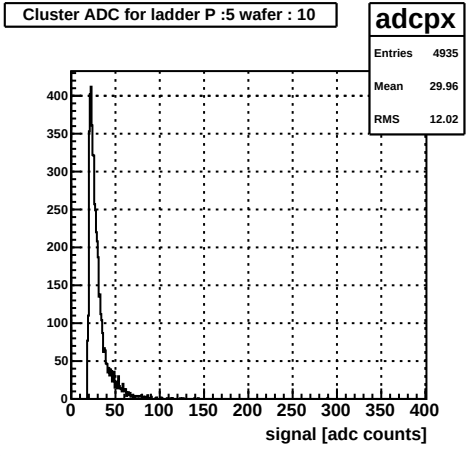

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 1777
Mean 25.28
RMS 18.36
signal [adc counts]

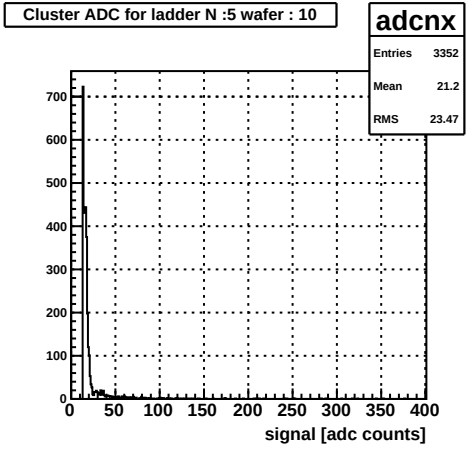

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

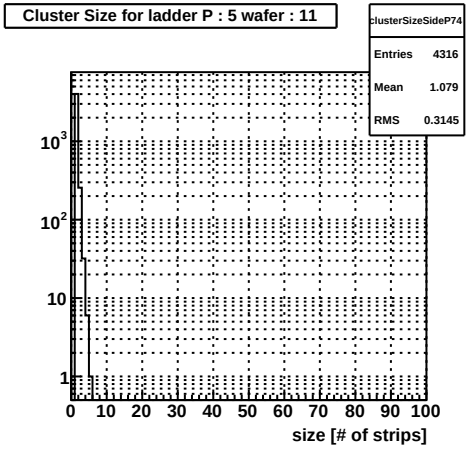

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 4935
Mean 1.076
RMS 0.2839
size [# of strips]

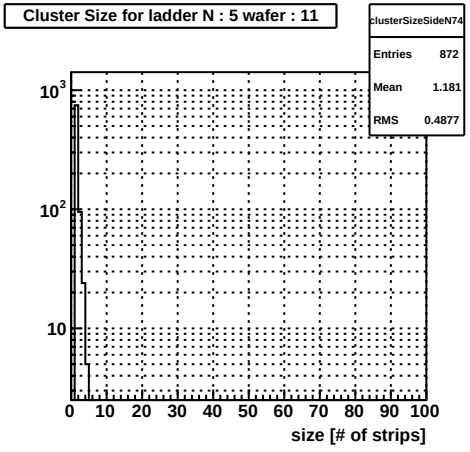

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 3352
Mean 1.093
RMS 0.3697
size [# of strips]

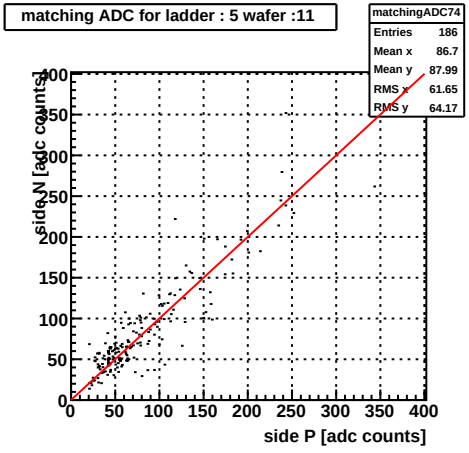

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 308
Mean x 29.23
Mean y 18.35
RMS x 15.63
RMS y 14.64
side N [adc counts]
side P [adc counts]

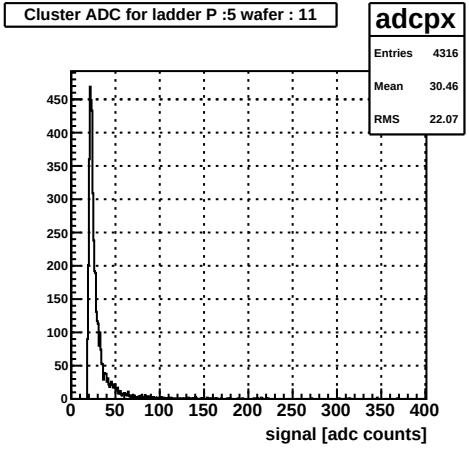

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 4935
Mean 29.96
RMS 12.02
signal [adc counts]

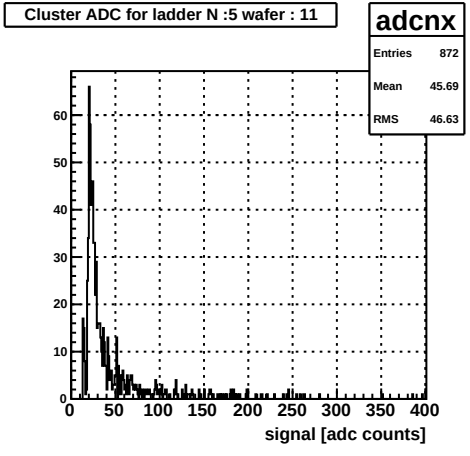

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 3352
Mean 21.2
RMS 23.47
signal [adc counts]

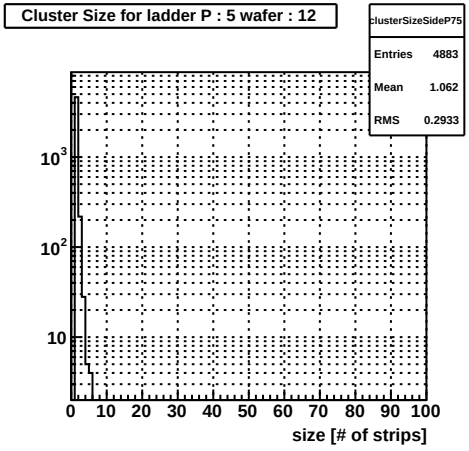

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 4316
Mean 1.079
RMS 0.3145
size [# of strips]

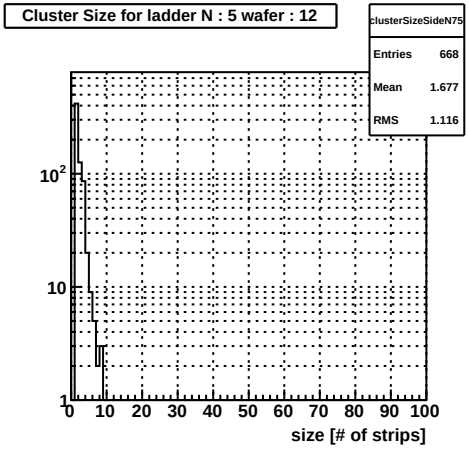

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 872
Mean 1.181
RMS 0.4877
size [# of strips]

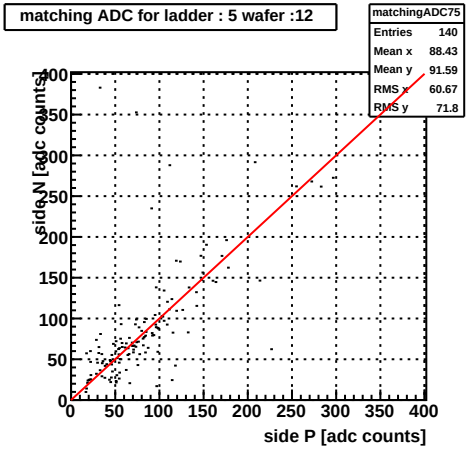

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 186
Mean x 86.7
Mean y 87.99
RMS x 61.65
RMS y 64.17
side N [adc counts]
side P [adc counts]

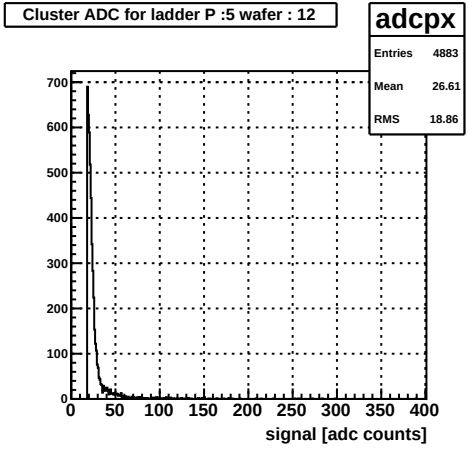

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 4316
Mean 30.46
RMS 22.07
signal [adc counts]

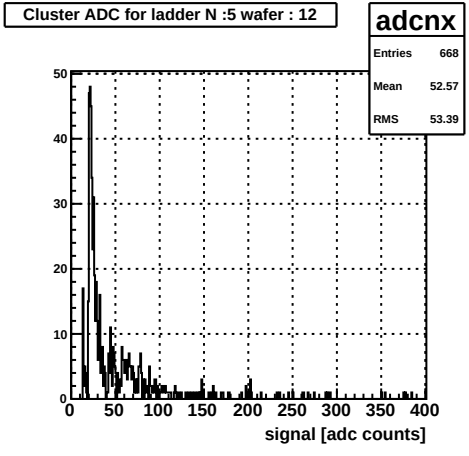

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 872
Mean 45.69
RMS 46.63
signal [adc counts]

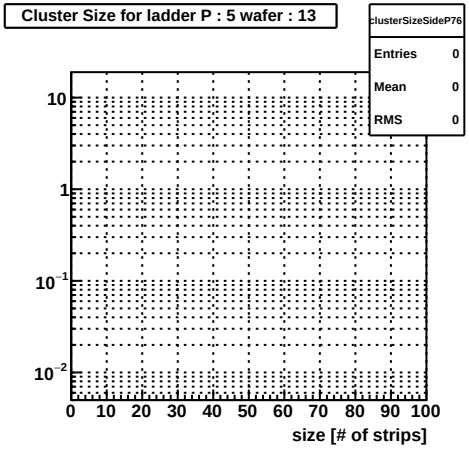

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 4883
Mean 1.062
RMS 0.2933
size [# of strips]

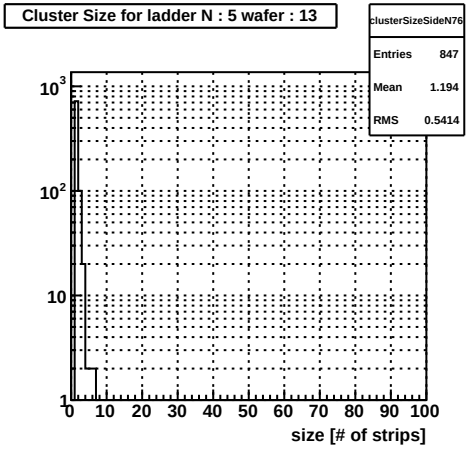

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 668
Mean 1.677
RMS 1.116
size [# of strips]

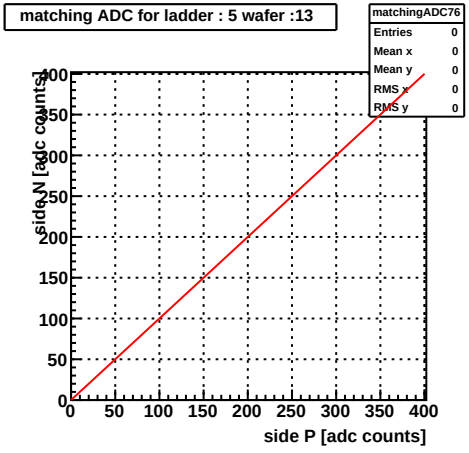

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 140
Mean x 88.43
Mean y 91.59
RMS x 60.67
RMS y 71.8
side N [adc counts]
side P [adc counts]

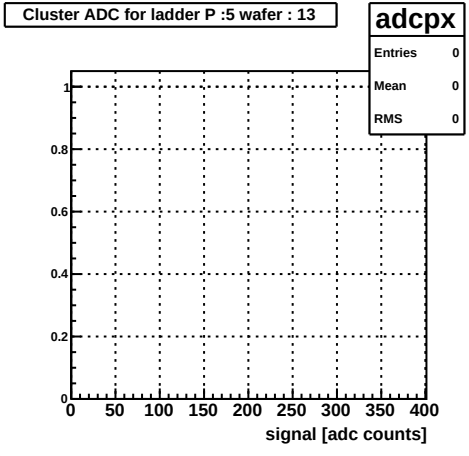

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 4883
Mean 26.61
RMS 18.86
signal [adc counts]

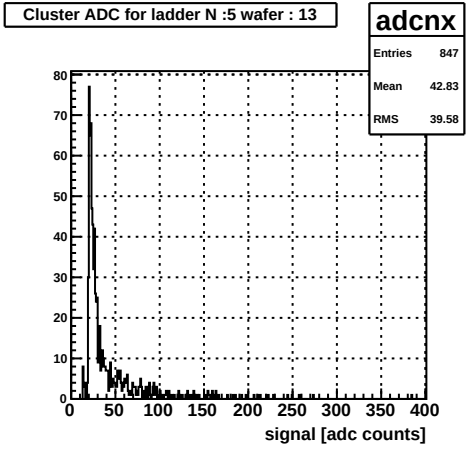

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 668
Mean 52.57
RMS 53.39
signal [adc counts]

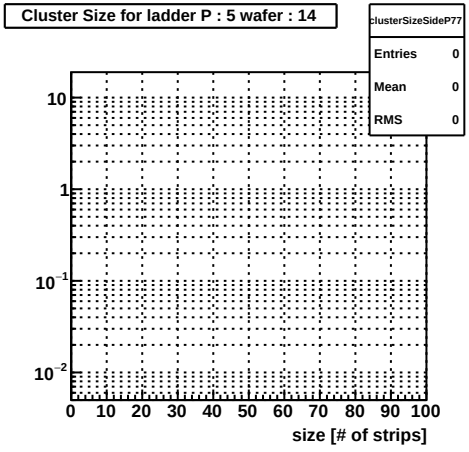

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

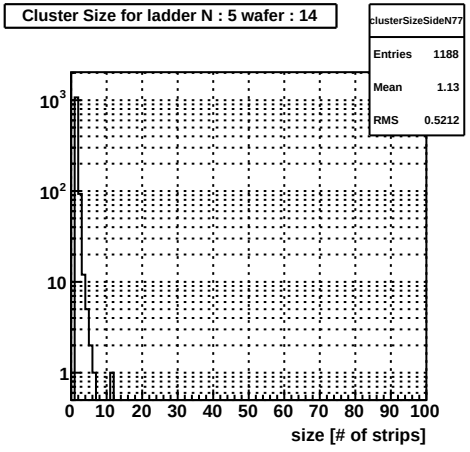

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 847
Mean 1.194
RMS 0.5414
size [# of strips]

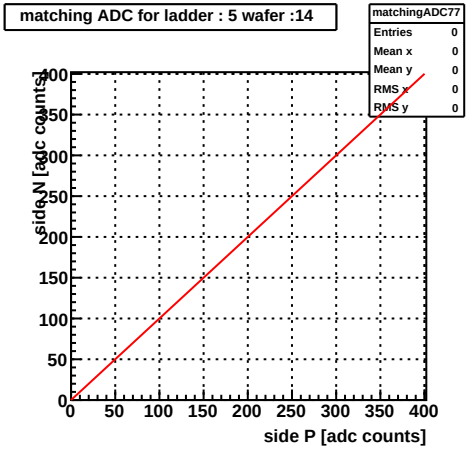

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

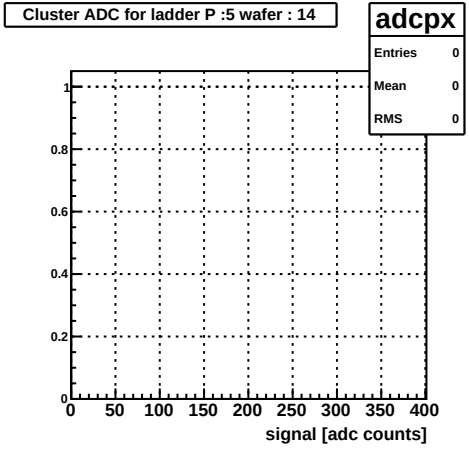

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

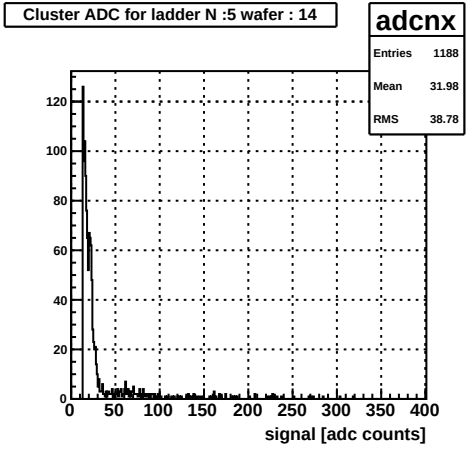

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 847
Mean 42.83
RMS 39.58
signal [adc counts]

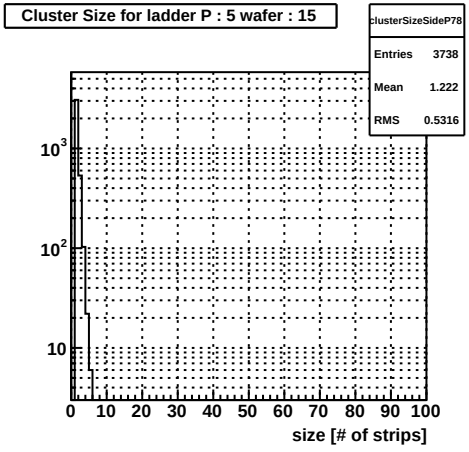

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

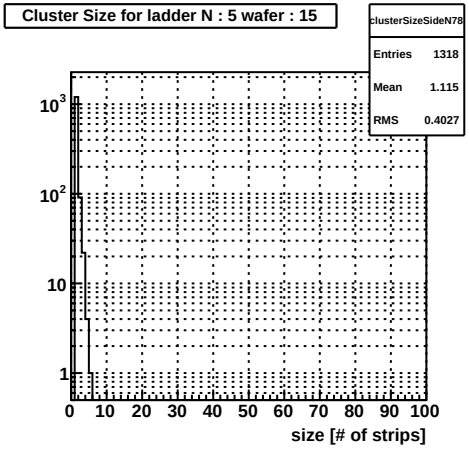

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 1188
Mean 1.13
RMS 0.5212
size [# of strips]

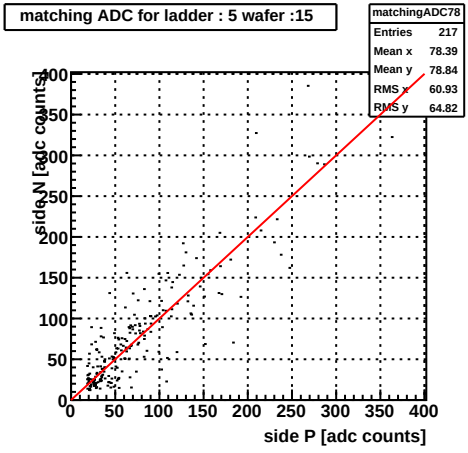

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

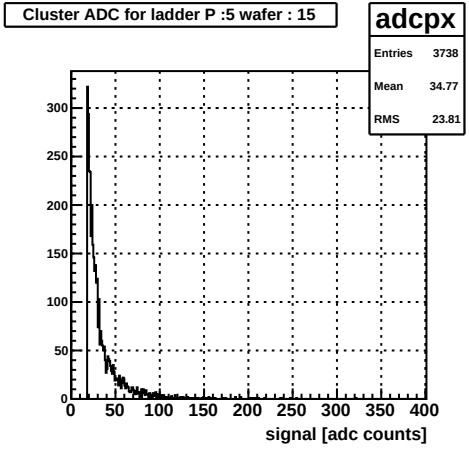

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

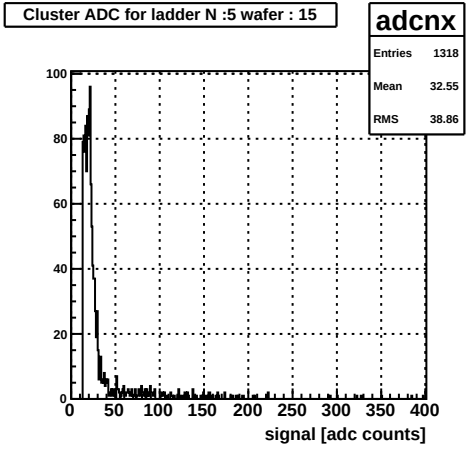

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 1188
Mean 31.98
RMS 38.78
signal [adc counts]

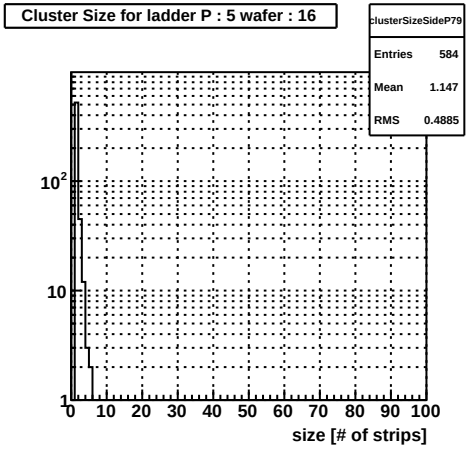

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 3738
Mean 1.222
RMS 0.5316
size [# of strips]

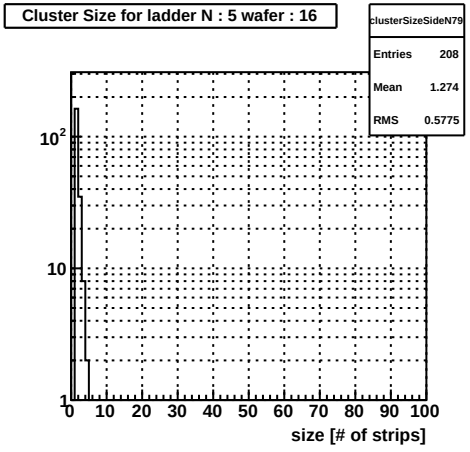

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 1318
Mean 1.115
RMS 0.4027
size [# of strips]

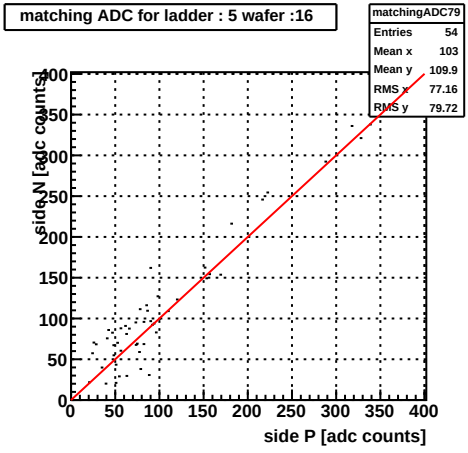

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 217
Mean x 78.39
Mean y 78.84
RMS x 60.93
RMS y 64.82
side N [adc counts]
side P [adc counts]

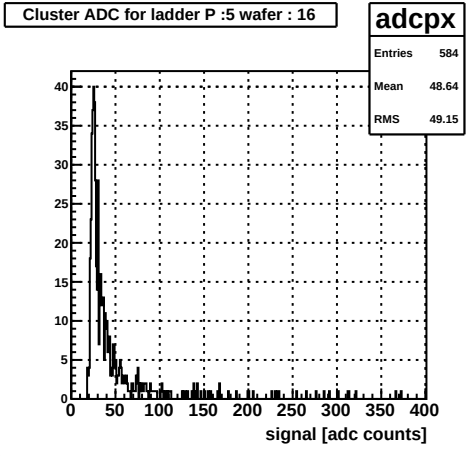

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 3738
Mean 34.77
RMS 23.81
signal [adc counts]

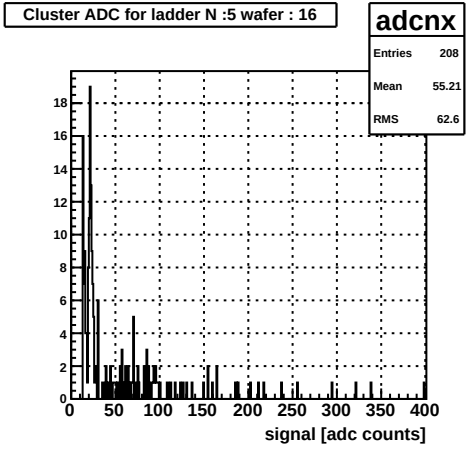

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 1318
Mean 32.55
RMS 38.86
signal [adc counts]

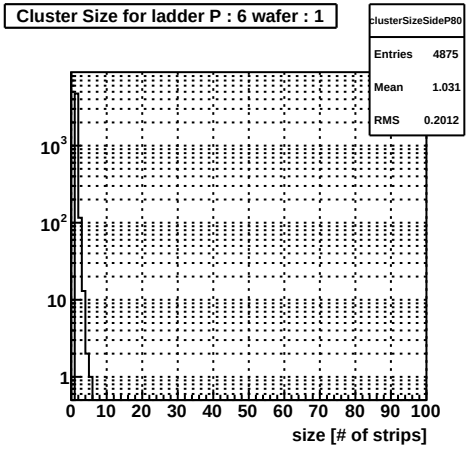

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 584
Mean 1.147
RMS 0.4885
size [# of strips]

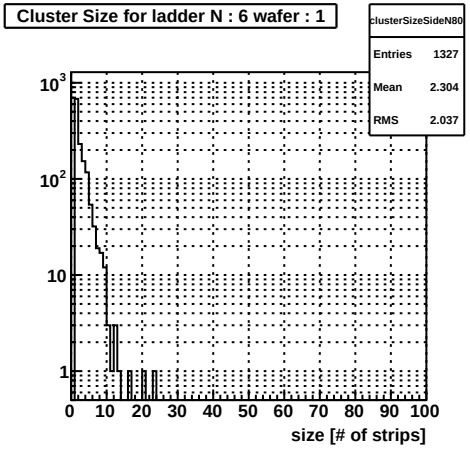

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 208
Mean 1.274
RMS 0.5775
size [# of strips]

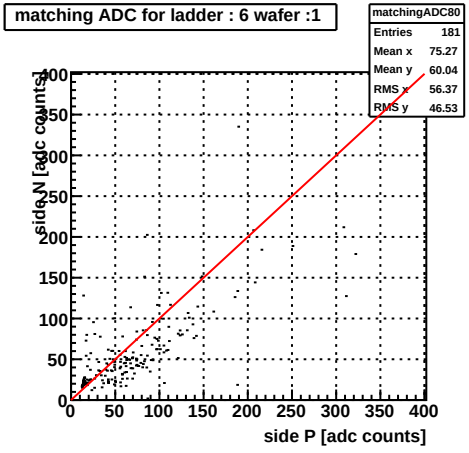

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 54
Mean x 103
Mean y 109.9
RMS x 77.16
RMS y 79.72
side N [adc counts]
side P [adc counts]

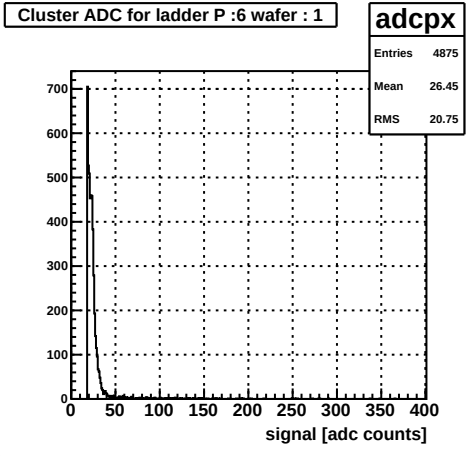

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 584
Mean 48.64
RMS 49.15
signal [adc counts]

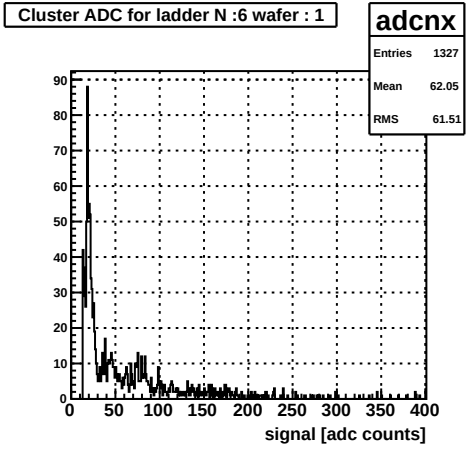

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 208
Mean 55.21
RMS 62.6
signal [adc counts]

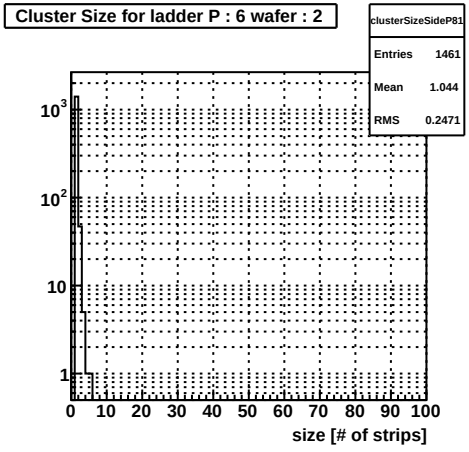

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 4875
Mean 1.031
RMS 0.2012
size [# of strips]

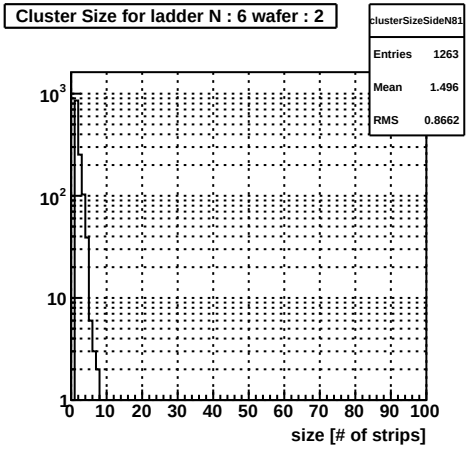

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 1327
Mean 2.304
RMS 2.037
size [# of strips]

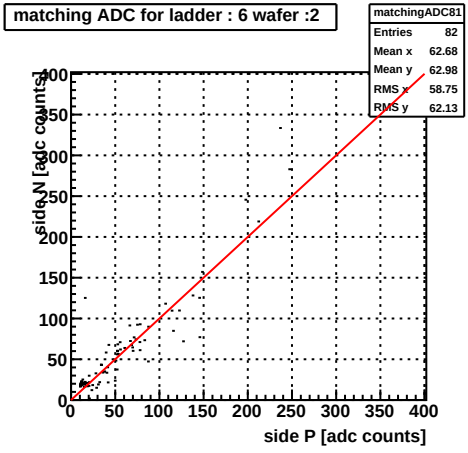

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 181
Mean x 75.27
Mean y 60.04
RMS x 56.37
RMS y 46.53
side N [adc counts]
side P [adc counts]

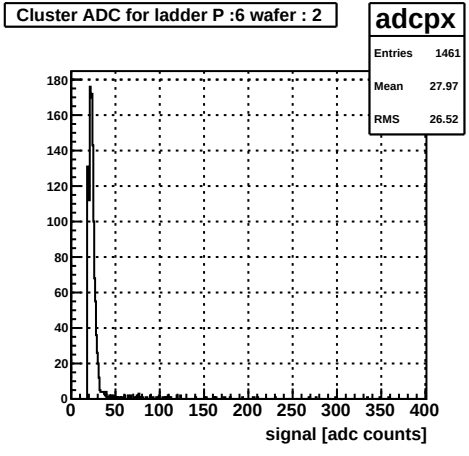

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 4875
Mean 26.45
RMS 20.75
signal [adc counts]

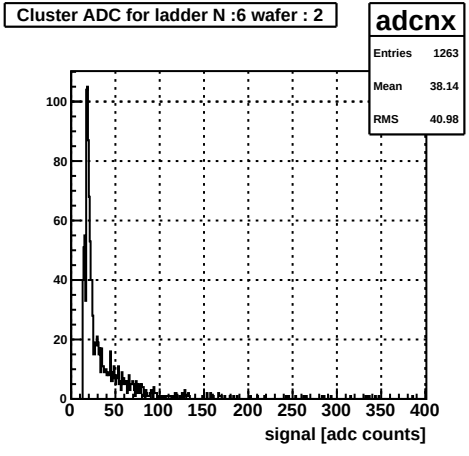

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 1327
Mean 62.05
RMS 61.51
signal [adc counts]

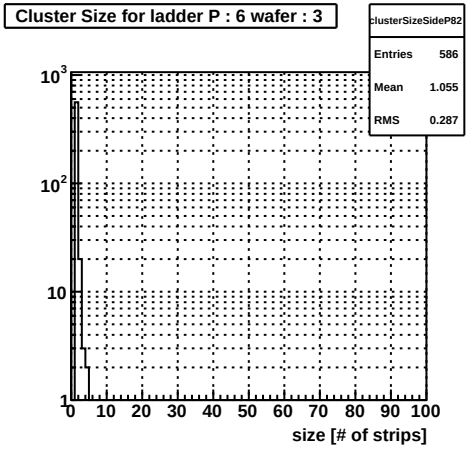

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 1461
Mean 1.044
RMS 0.2471
size [# of strips]

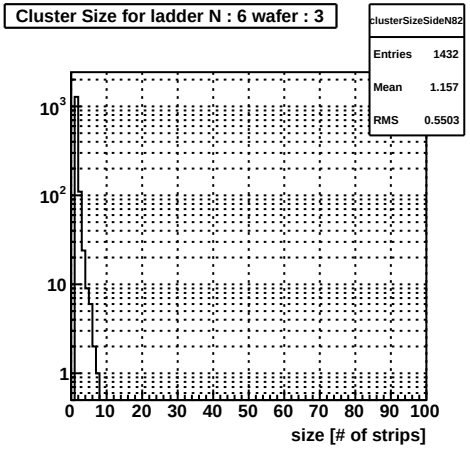

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 1263
Mean 1.496
RMS 0.8662
size [# of strips]

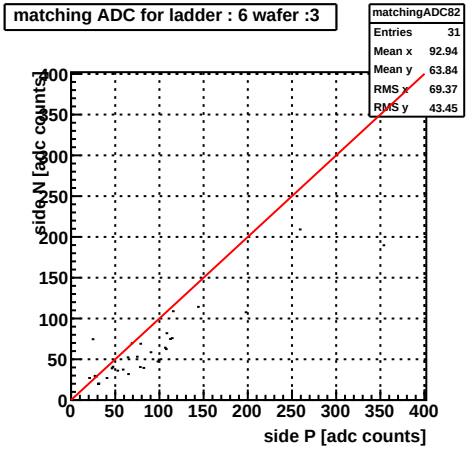

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 82
Mean x 62.68
Mean y 62.98
RMS x 58.75
RMS y 62.13
side N [adc counts]
side P [adc counts]

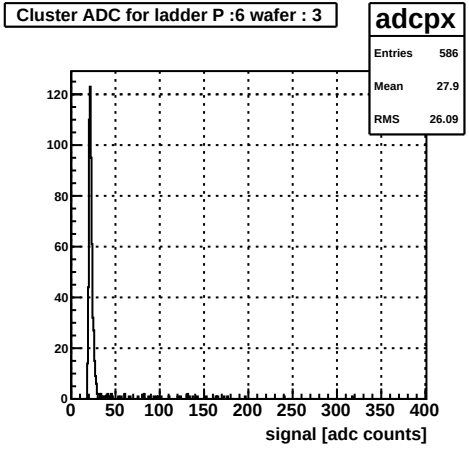

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 1461
Mean 27.97
RMS 26.52
signal [adc counts]

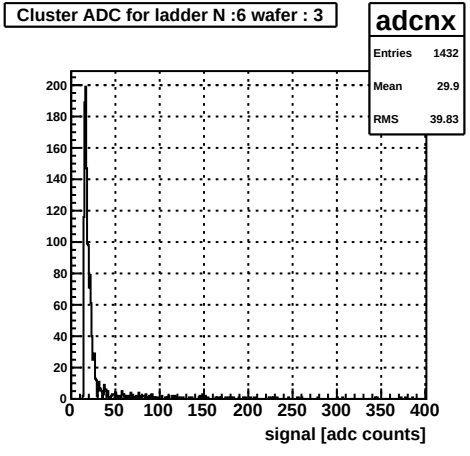

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 1263
Mean 38.14
RMS 40.98
signal [adc counts]

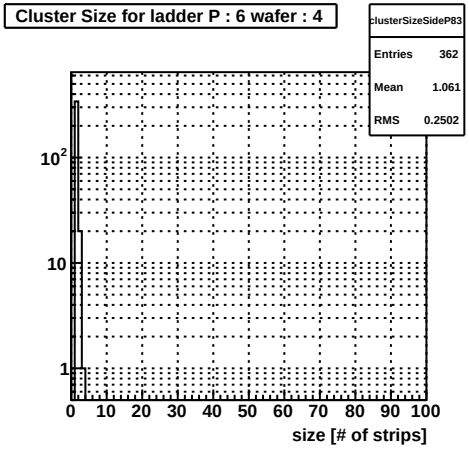

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 586
Mean 1.055
RMS 0.287
size [# of strips]

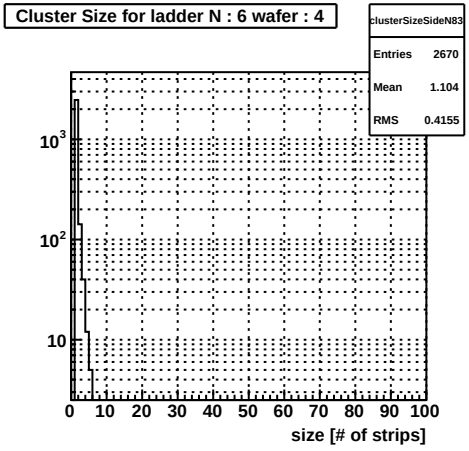

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 1432
Mean 1.157
RMS 0.5503
size [# of strips]

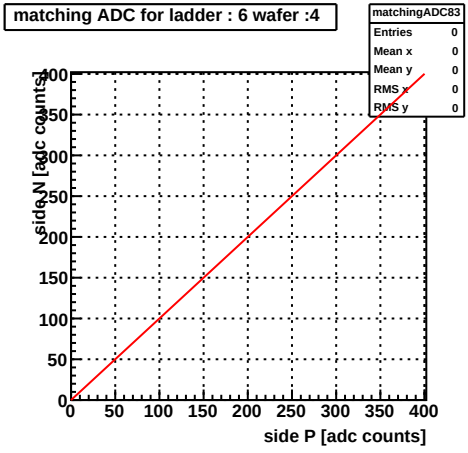

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 31
Mean x 92.94
Mean y 63.84
RMS x 69.37
RMS y 43.45
side N [adc counts]
side P [adc counts]

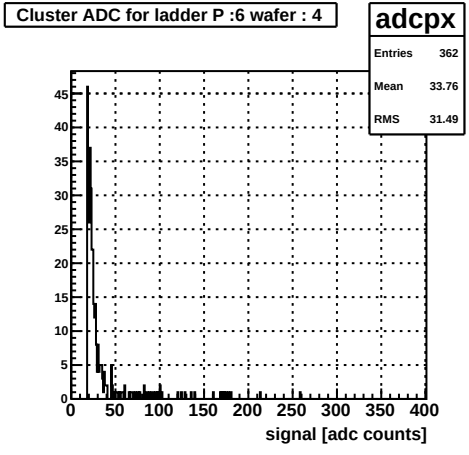

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 586
Mean 27.9
RMS 26.09
signal [adc counts]

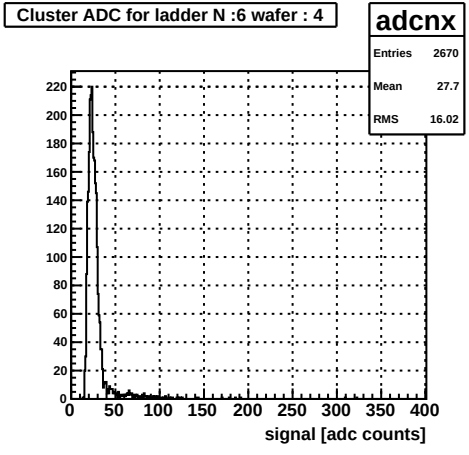

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 1432
Mean 29.9
RMS 39.83
signal [adc counts]

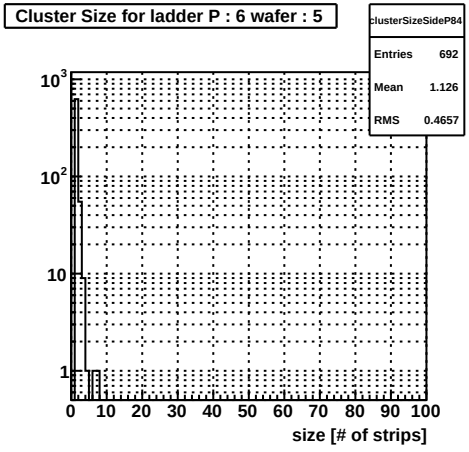

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 362
Mean 1.061
RMS 0.2502
size [# of strips]

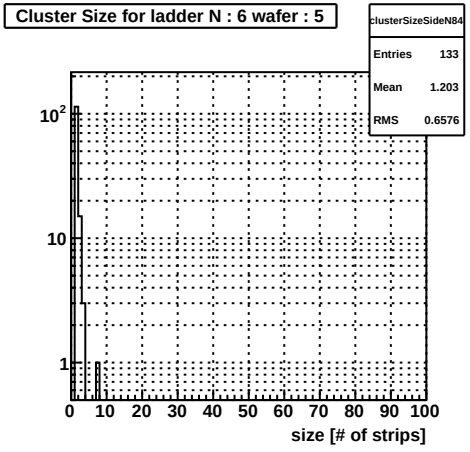

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2670
Mean 1.104
RMS 0.4155
size [# of strips]

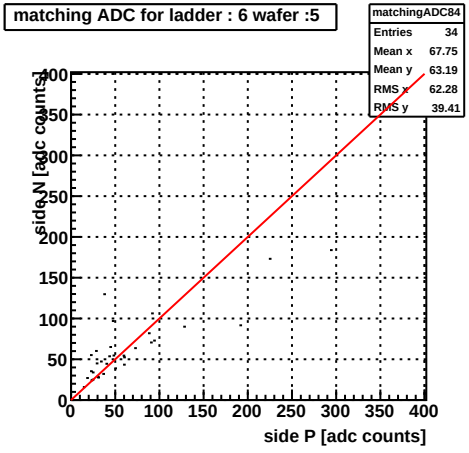

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

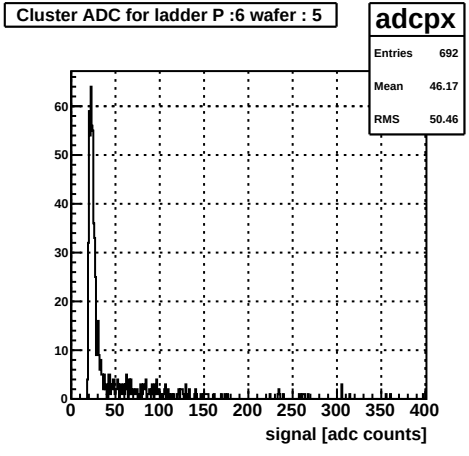

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 362
Mean 33.76
RMS 31.49
signal [adc counts]

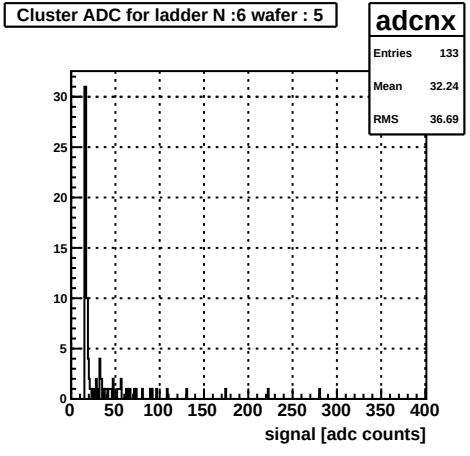

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2670
Mean 27.7
RMS 16.02
signal [adc counts]

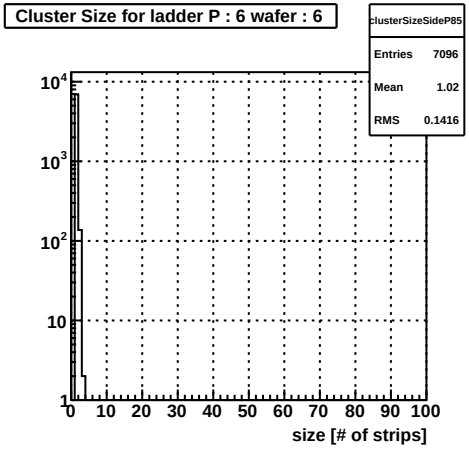

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 692
Mean 1.126
RMS 0.4657
size [# of strips]

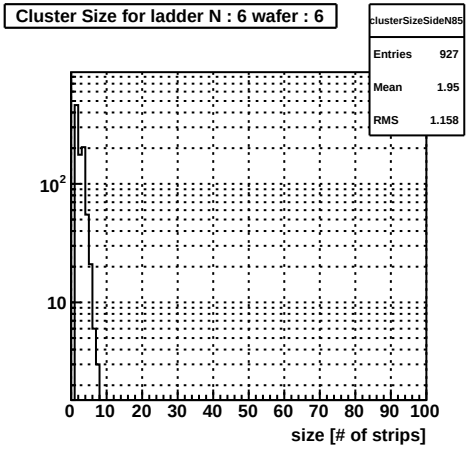

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 133
Mean 1.203
RMS 0.6576
size [# of strips]

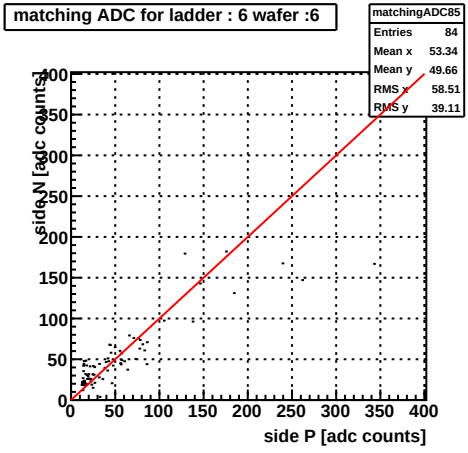

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 34
Mean x 67.75
Mean y 63.19
RMS x 62.28
RMS y 39.41
side N [adc counts]
side P [adc counts]

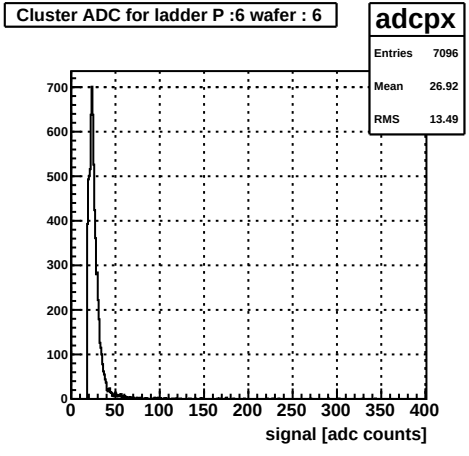

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 692
Mean 46.17
RMS 50.46
signal [adc counts]

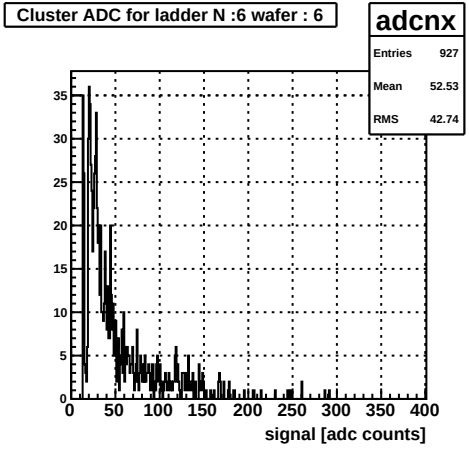

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 133
Mean 32.24
RMS 36.69
signal [adc counts]

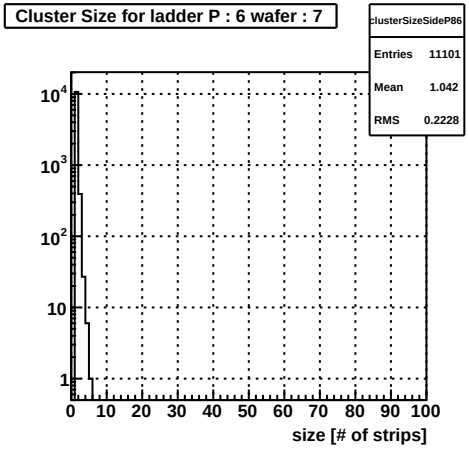

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 7096
Mean 1.02
RMS 0.1416
size [# of strips]

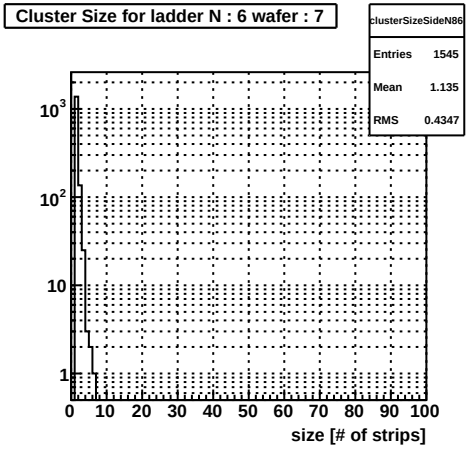

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 927
Mean 1.95
RMS 1.158
size [# of strips]

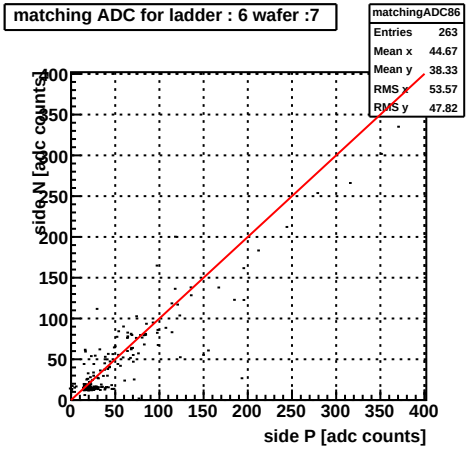

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 84
Mean x 53.34
Mean y 49.66
RMS x 58.51
RMS y 39.11
side N [adc counts]
side P [adc counts]

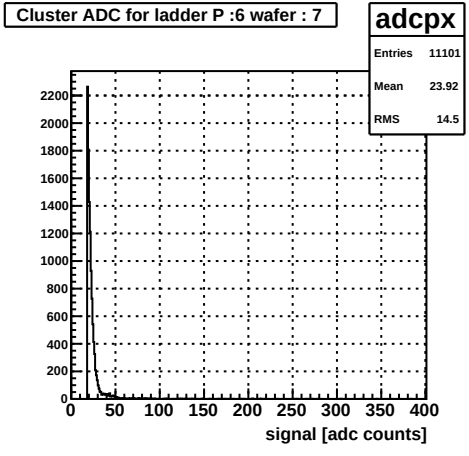

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 7096
Mean 26.92
RMS 13.49
signal [adc counts]

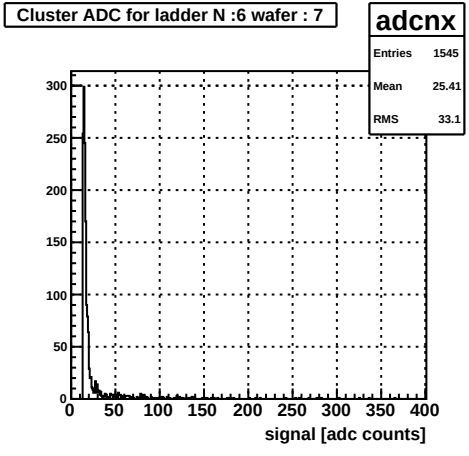

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 927
Mean 52.53
RMS 42.74
signal [adc counts]

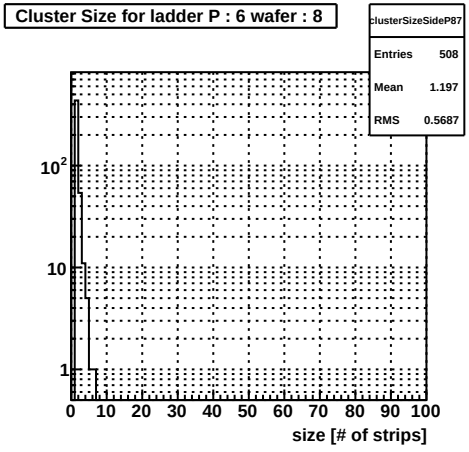

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 11101
Mean 1.042
RMS 0.2228
size [# of strips]

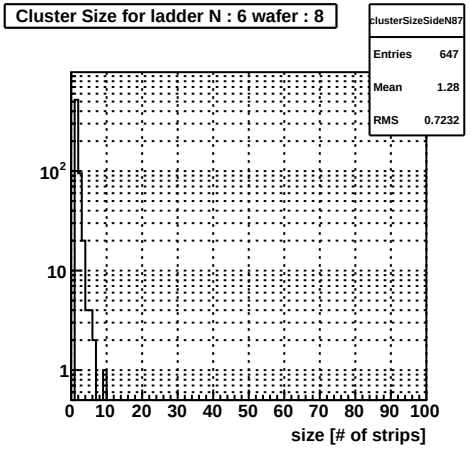

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 1545
Mean 1.135
RMS 0.4347
size [# of strips]

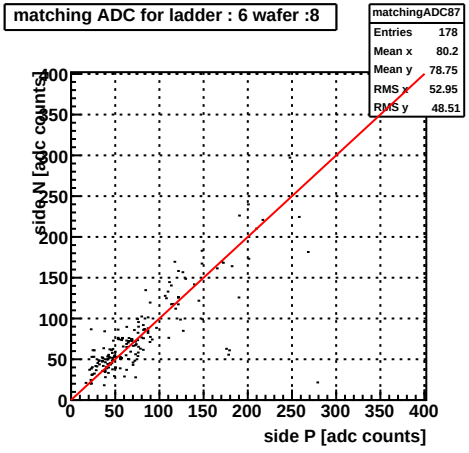

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 263
Mean x 44.67
Mean y 38.33
RMS x 53.57
RMS y 47.82
side N [adc counts]
side P [adc counts]

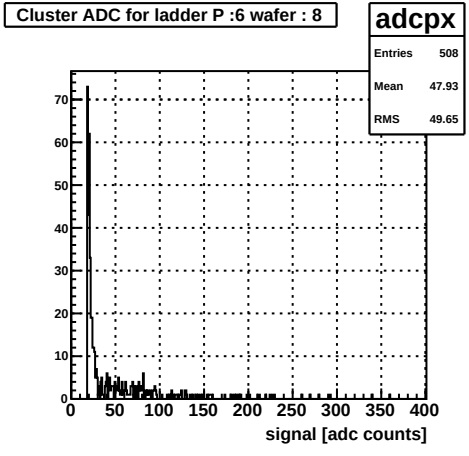

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 11101
Mean 23.92
RMS 14.5
signal [adc counts]

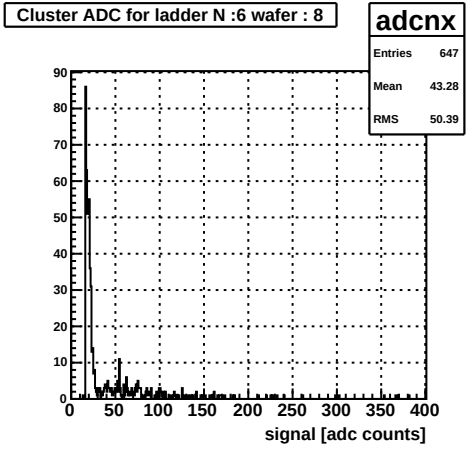

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 1545
Mean 25.41
RMS 33.1
signal [adc counts]

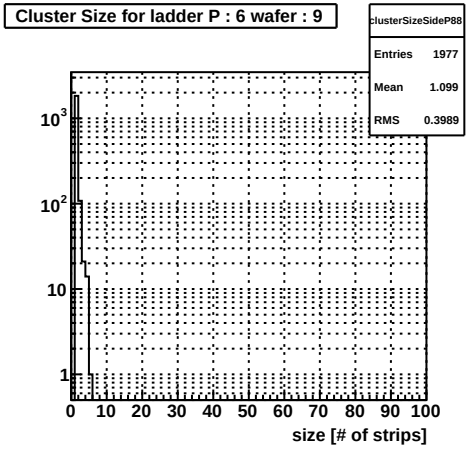

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 508
Mean 1.197
RMS 0.5687
size [# of strips]

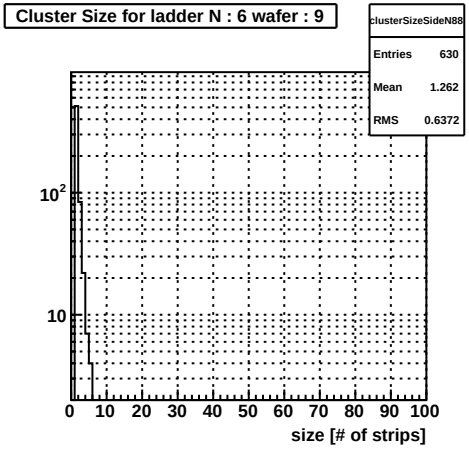

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 647
Mean 1.28
RMS 0.7232
size [# of strips]

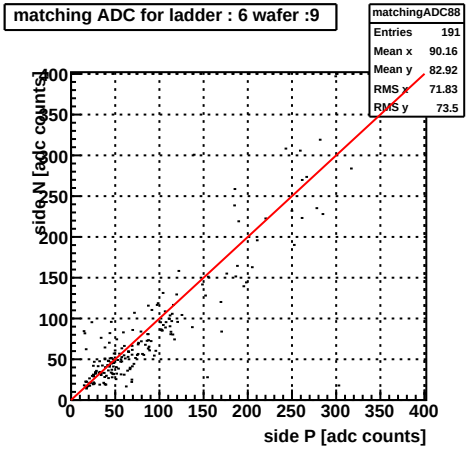

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 178
Mean x 80.2
Mean y 78.75
RMS x 52.95
RMS y 48.51
side N [adc counts]
side P [adc counts]

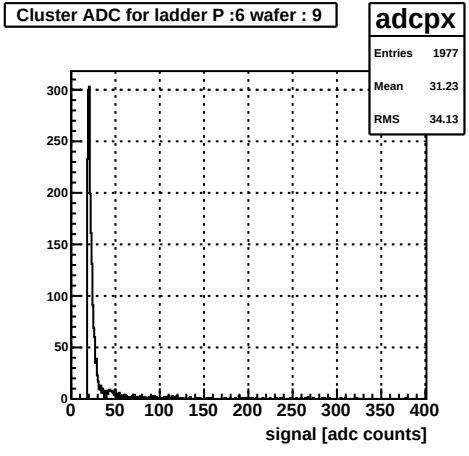

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 508
Mean 47.93
RMS 49.65
signal [adc counts]

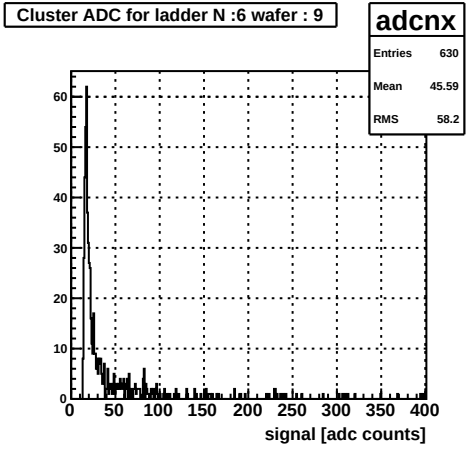

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 647
Mean 43.28
RMS 50.39
signal [adc counts]

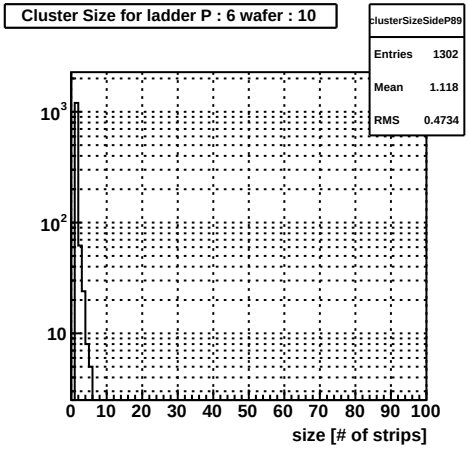

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 1977
Mean 1.099
RMS 0.3989
size [# of strips]

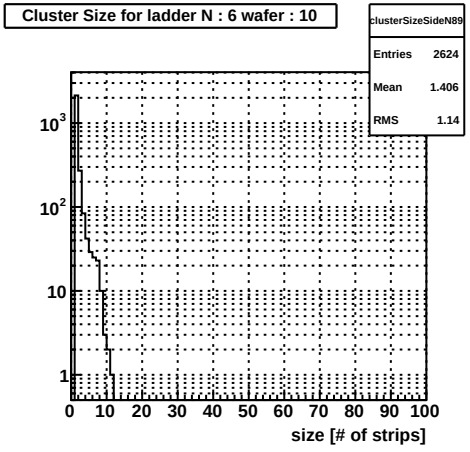

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 630
Mean 1.262
RMS 0.6372
size [# of strips]

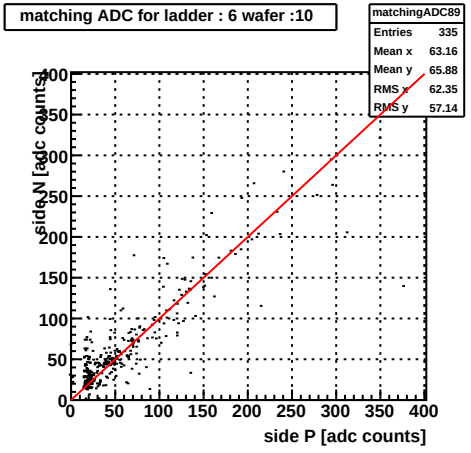

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 191
Mean x 90.16
Mean y 82.92
RMS x 71.83
RMS y 73.5
side N [adc counts]
side P [adc counts]

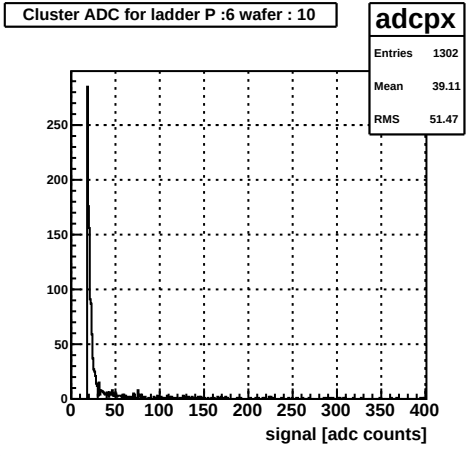

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 1977
Mean 31.23
RMS 34.13
signal [adc counts]

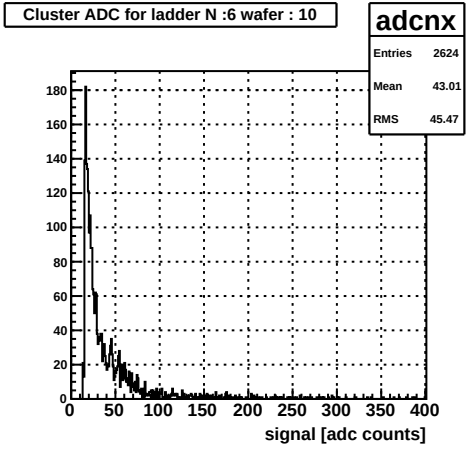

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 630
Mean 45.59
RMS 58.2
signal [adc counts]

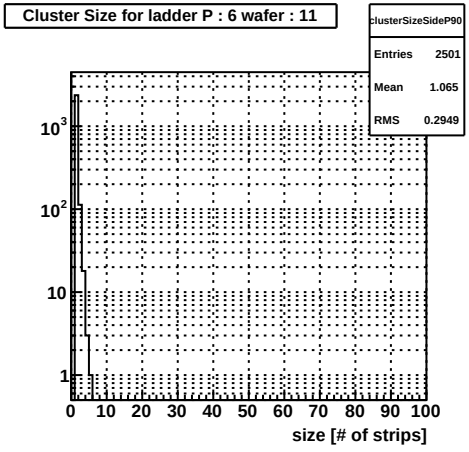

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 1302
Mean 1.118
RMS 0.4734
size [# of strips]

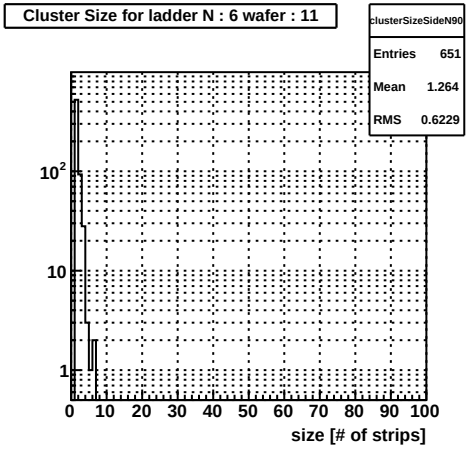

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 2624
Mean 1.406
RMS 1.14
size [# of strips]

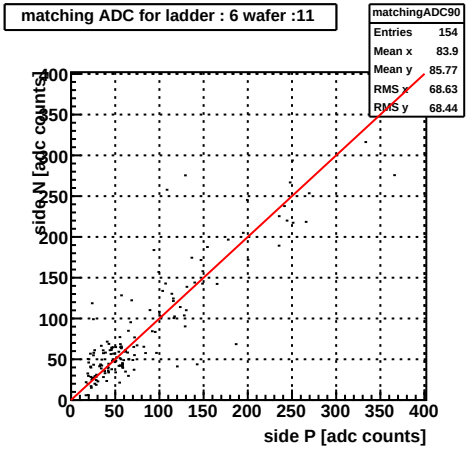

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 335
Mean x 63.16
Mean y 65.88
RMS x 62.35
RMS y 57.14
side N [adc counts]
side P [adc counts]

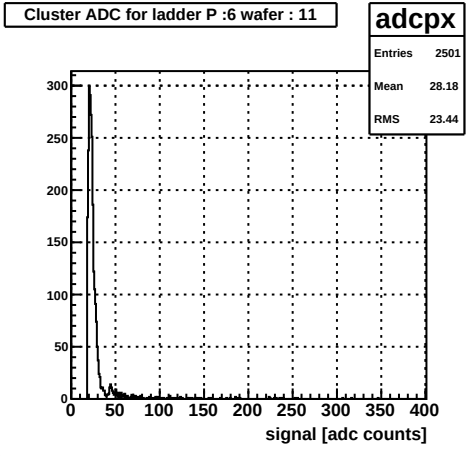

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 1302
Mean 39.11
RMS 51.47
signal [adc counts]

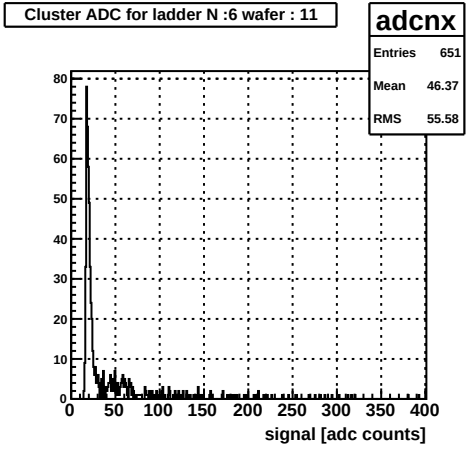

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 2624
Mean 43.01
RMS 45.47
signal [adc counts]

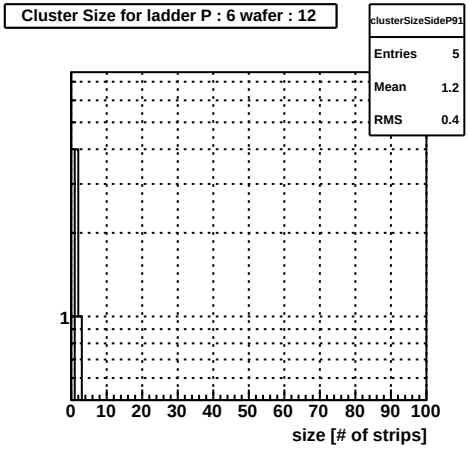

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 2501
Mean 1.065
RMS 0.2949
size [# of strips]

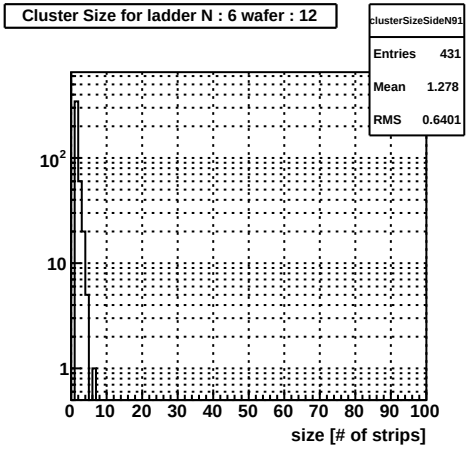

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 651
Mean 1.264
RMS 0.6229
size [# of strips]

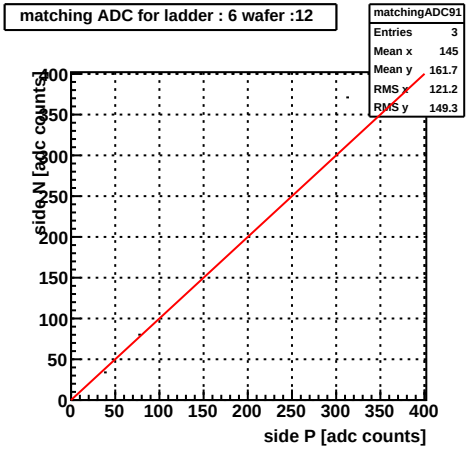

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 154
Mean x 83.9
Mean y 85.77
RMS x 68.63
RMS y 68.44
side N [adc counts]
side P [adc counts]

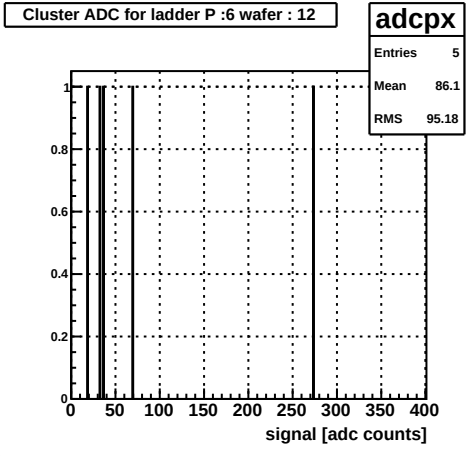

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 2501
Mean 28.18
RMS 23.44
signal [adc counts]

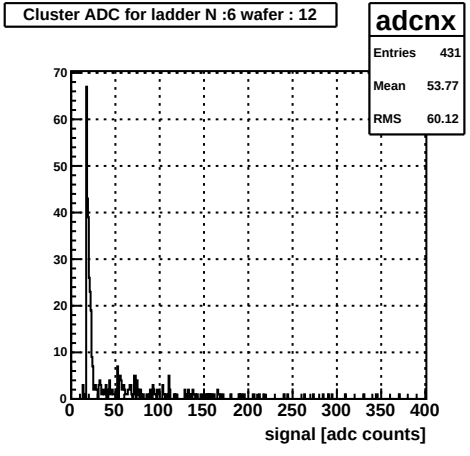

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 651
Mean 46.37
RMS 55.58
signal [adc counts]

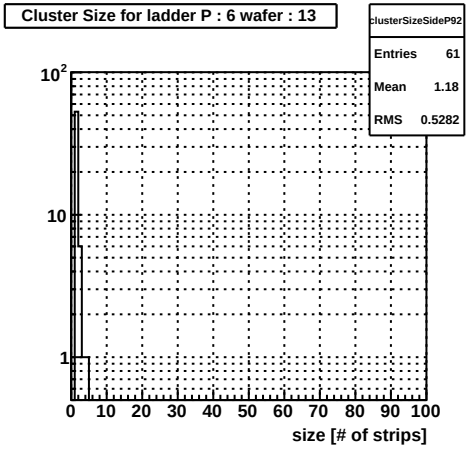

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 5
Mean 1.2
RMS 0.4
size [# of strips]

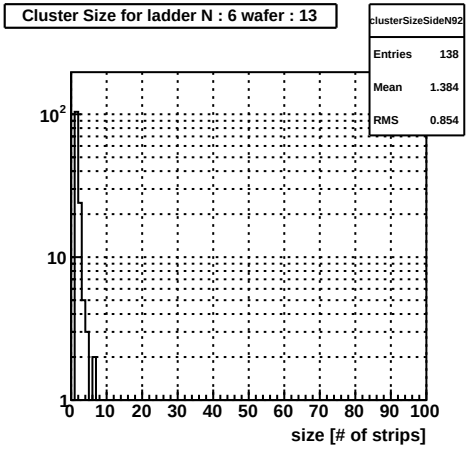

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 431
Mean 1.278
RMS 0.6401
size [# of strips]

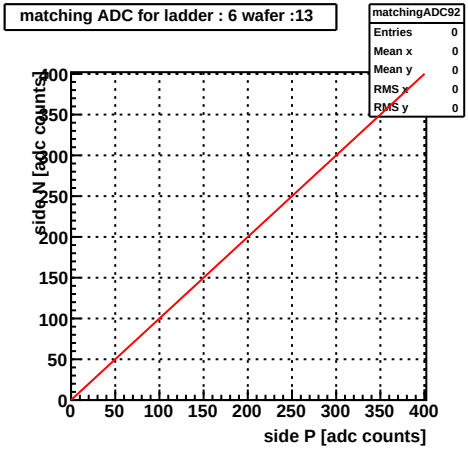

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 3
Mean x 145
Mean y 161.7
RMS x 121.2
RMS y 149.3
side N [adc counts]
side P [adc counts]

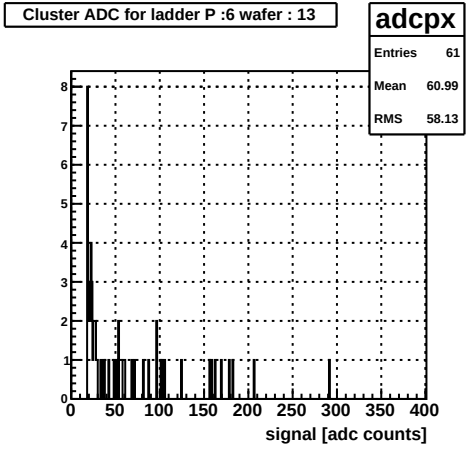

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 5
Mean 86.1
RMS 95.18
signal [adc counts]

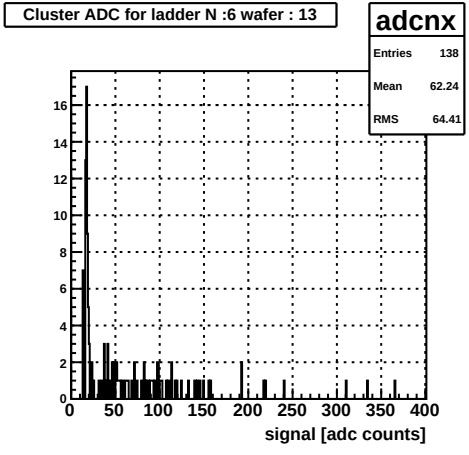

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 431
Mean 53.77
RMS 60.12
signal [adc counts]

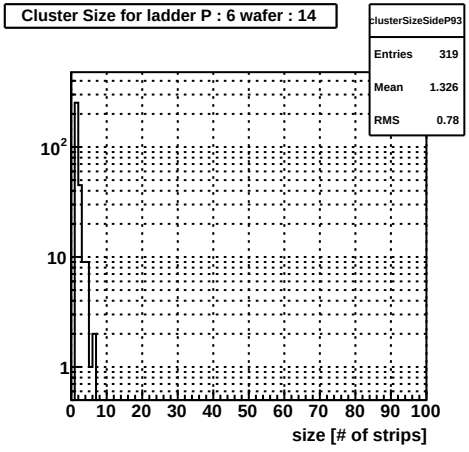

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 61
Mean 1.18
RMS 0.5282
size [# of strips]

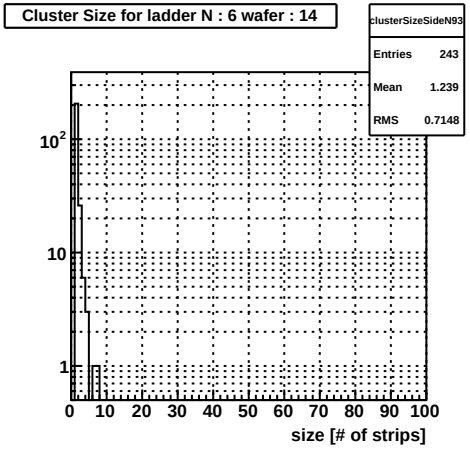

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 138
Mean 1.384
RMS 0.854
size [# of strips]

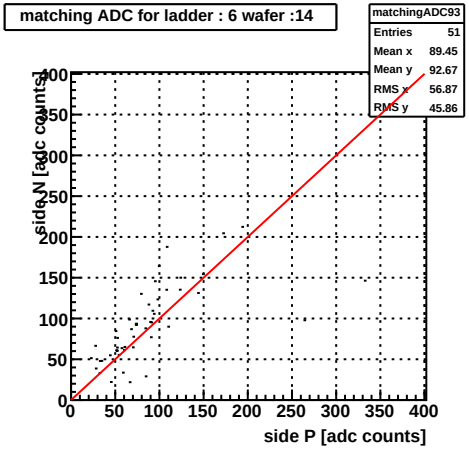

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

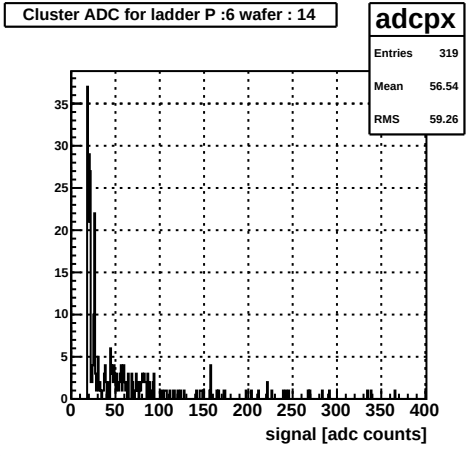

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 61
Mean 60.99
RMS 58.13
signal [adc counts]

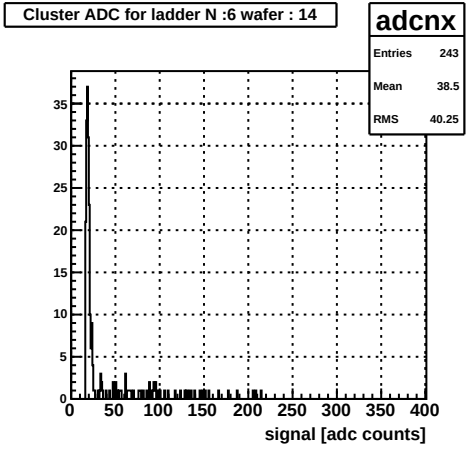

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 138
Mean 62.24
RMS 64.41
signal [adc counts]

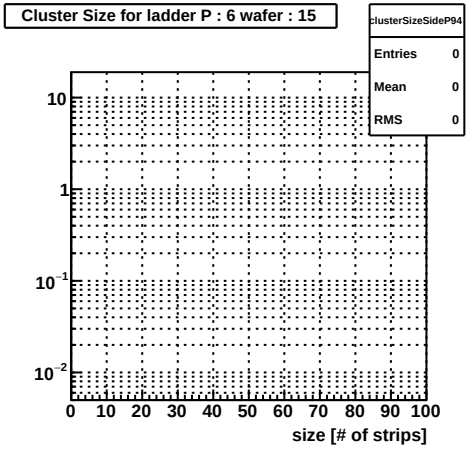

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 319
Mean 1.326
RMS 0.78
size [# of strips]

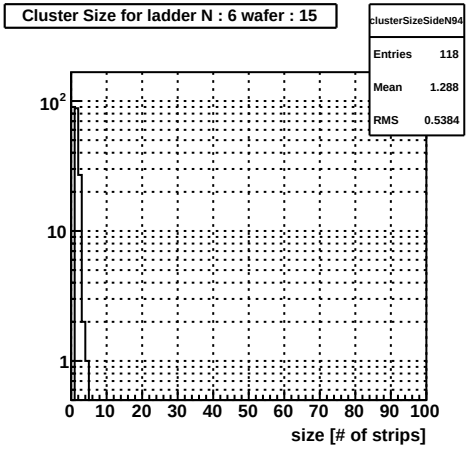

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 243
Mean 1.239
RMS 0.7148
size [# of strips]

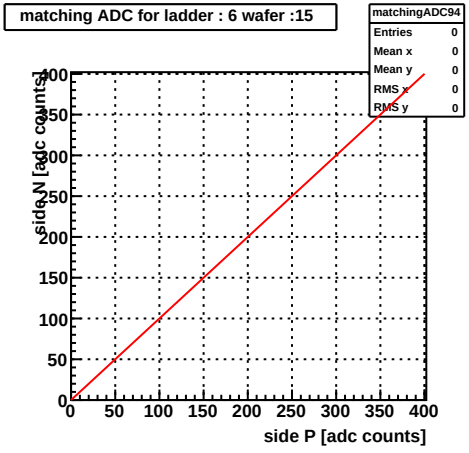

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 51
Mean x 89.45
Mean y 92.67
RMS x 56.87
RMS y 45.86
side N [adc counts]
side P [adc counts]

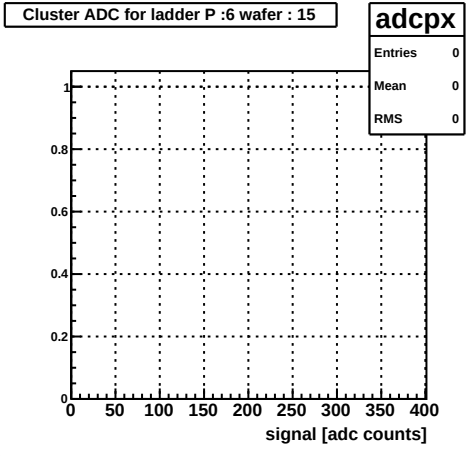

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 319
Mean 56.54
RMS 59.26
signal [adc counts]

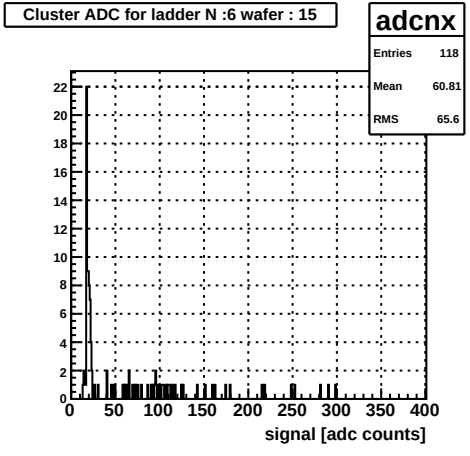

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 243
Mean 38.5
RMS 40.25
signal [adc counts]

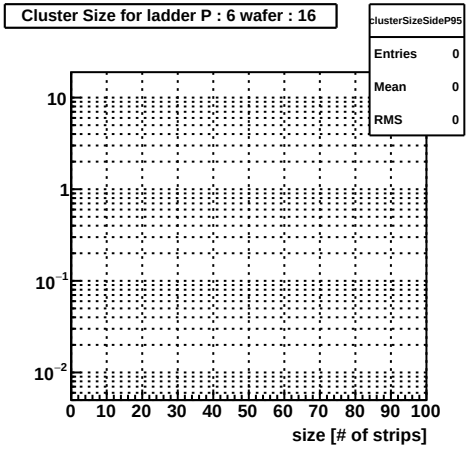

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

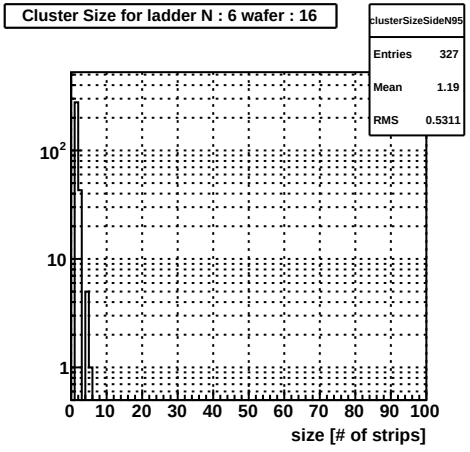

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 118
Mean 1.288
RMS 0.5384
size [# of strips]

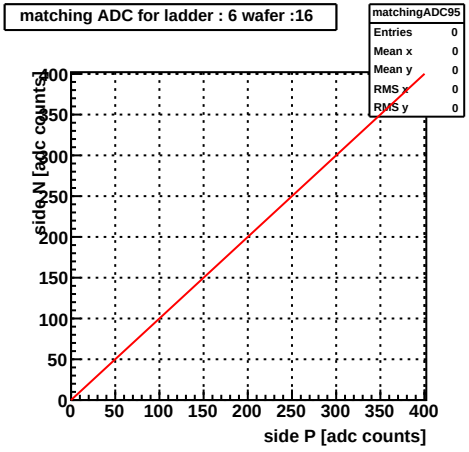

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

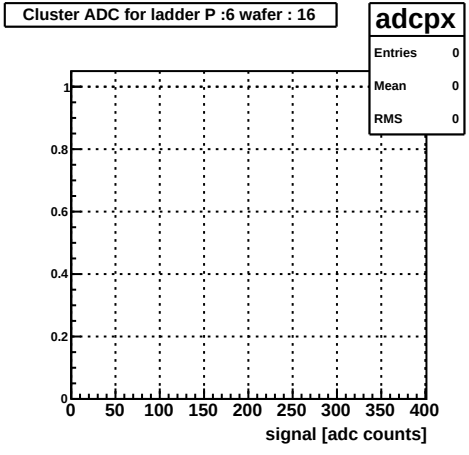

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

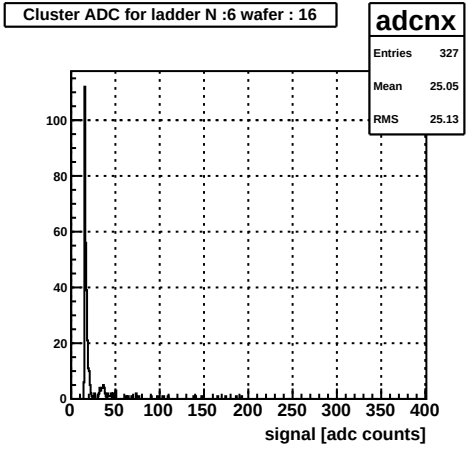

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 118
Mean 60.81
RMS 65.6
signal [adc counts]

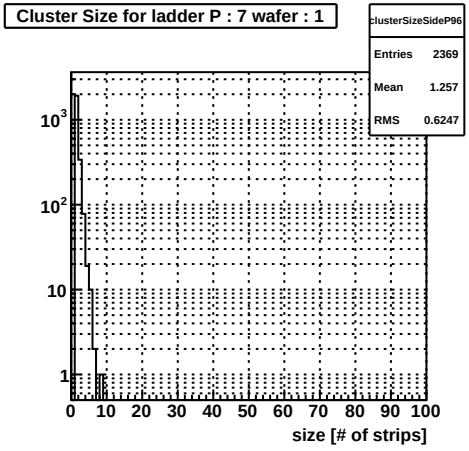

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

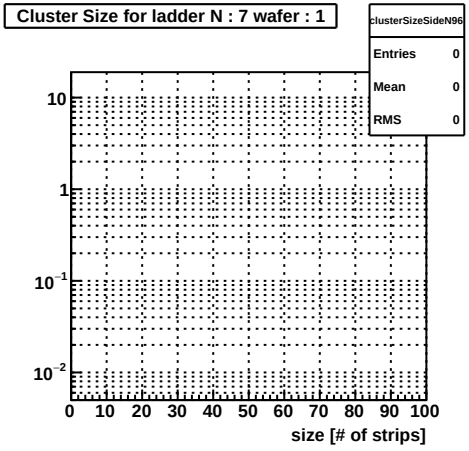

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 327
Mean 1.19
RMS 0.5311
size [# of strips]

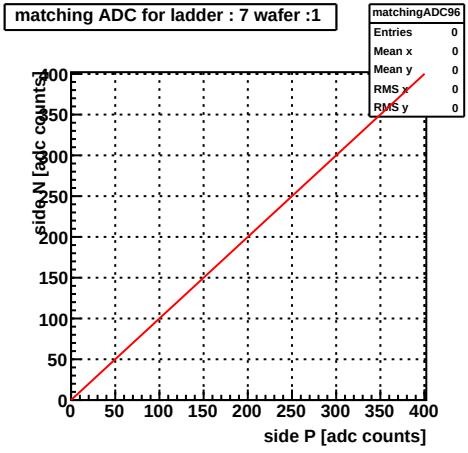

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

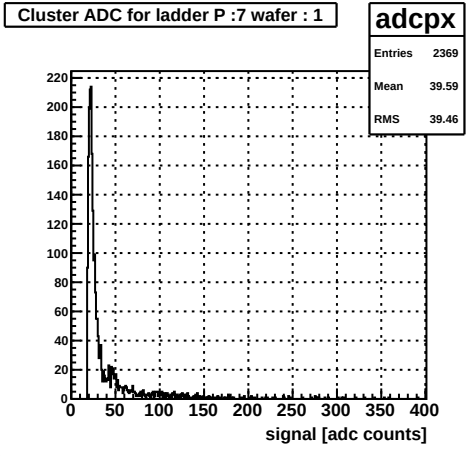

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

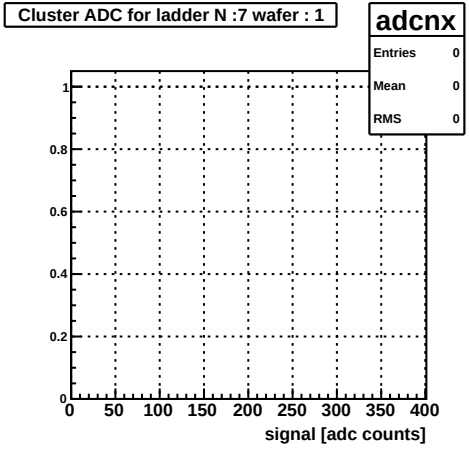

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 327
Mean 25.05
RMS 25.13
signal [adc counts]

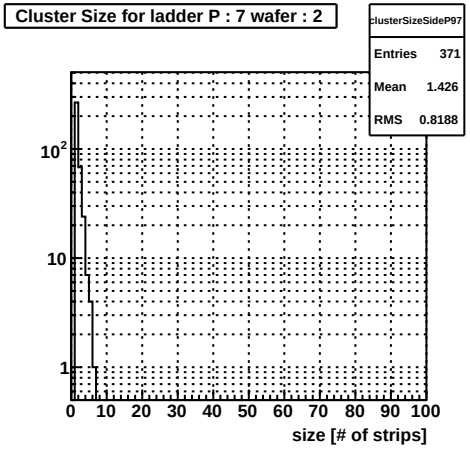

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 2369
Mean 1.257
RMS 0.6247
size [# of strips]

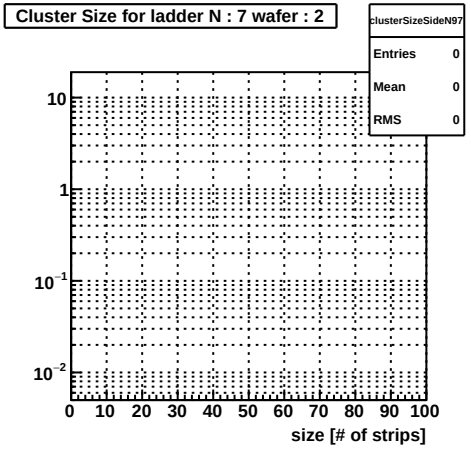

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

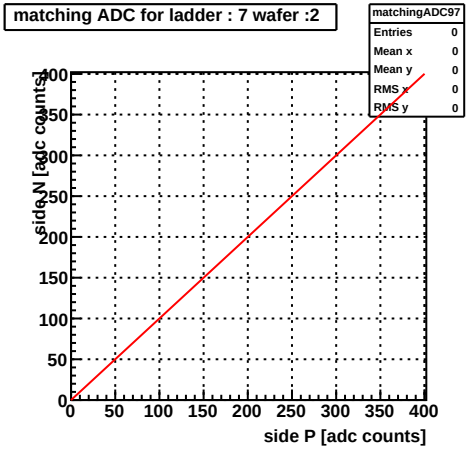

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

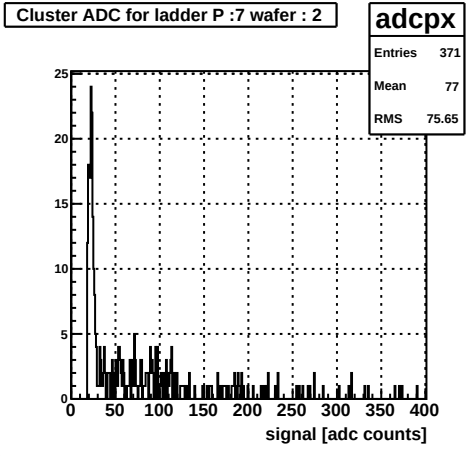

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 2369
Mean 39.59
RMS 39.46
signal [adc counts]

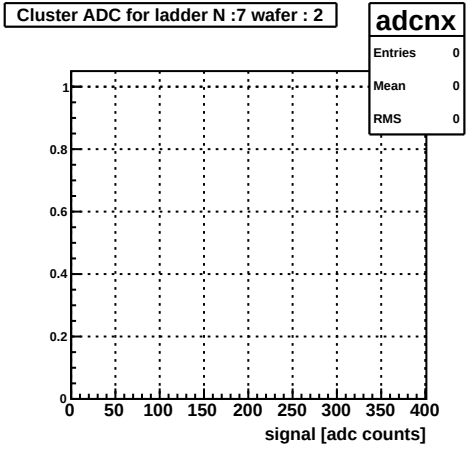

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

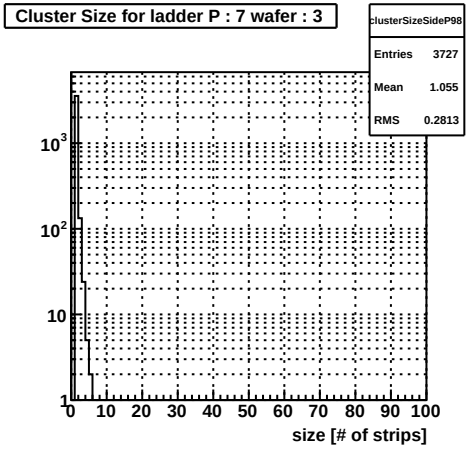

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 371
Mean 1.426
RMS 0.8188
size [# of strips]

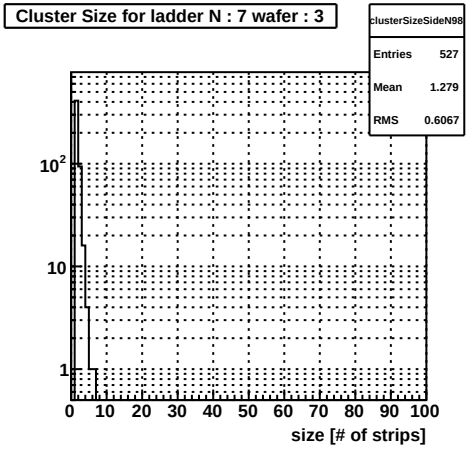

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

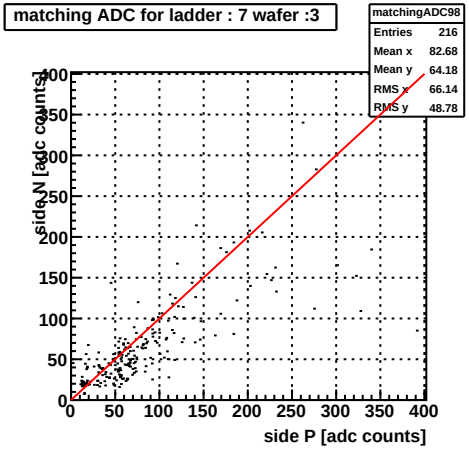

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

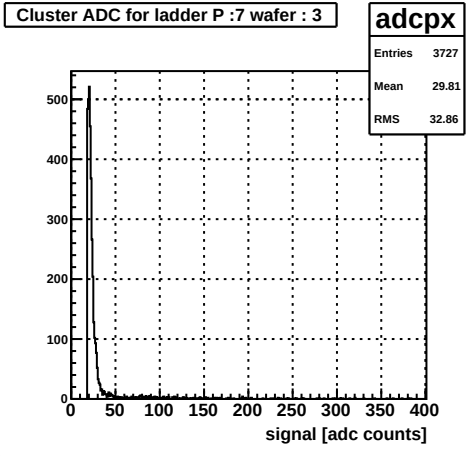

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 371
Mean 77
RMS 75.65
signal [adc counts]

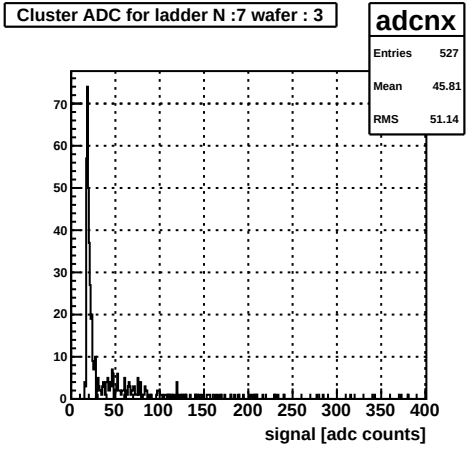

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

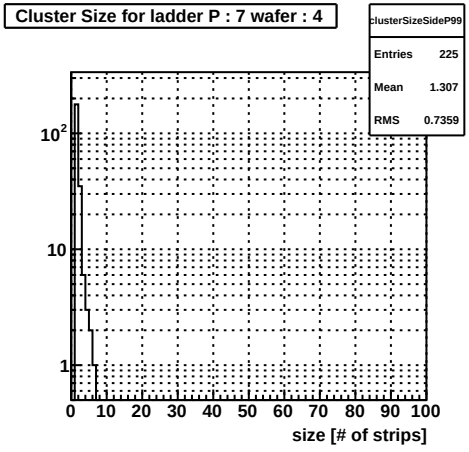

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 3727
Mean 1.055
RMS 0.2813
size [# of strips]

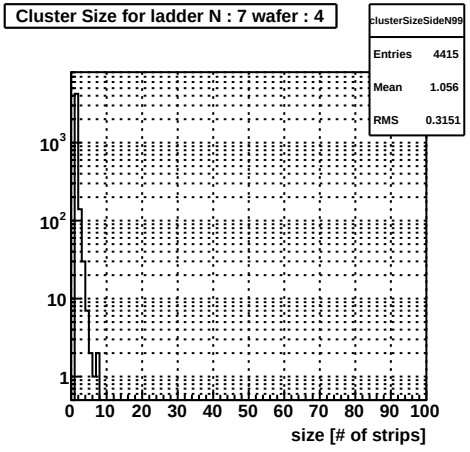

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 527
Mean 1.279
RMS 0.6067
size [# of strips]

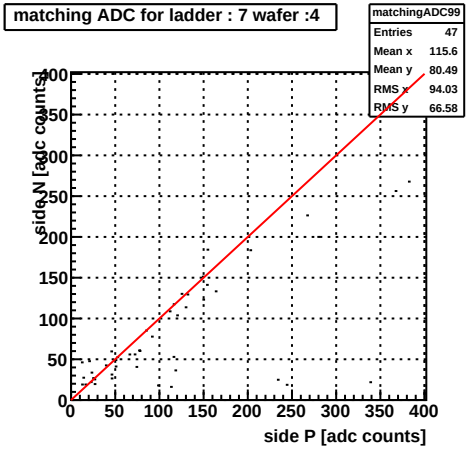

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 216
Mean x 82.68
Mean y 64.18
RMS x 66.14
RMS y 48.78
side N [adc counts]
side P [adc counts]

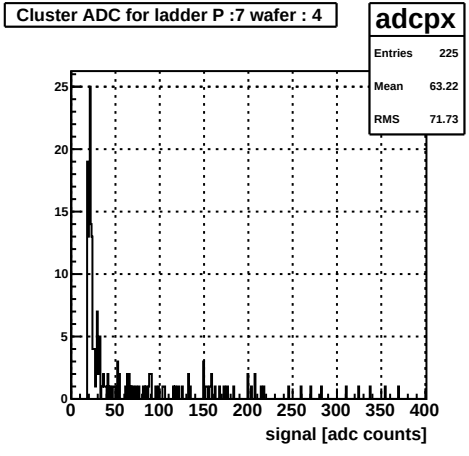

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 3727
Mean 29.81
RMS 32.86
signal [adc counts]

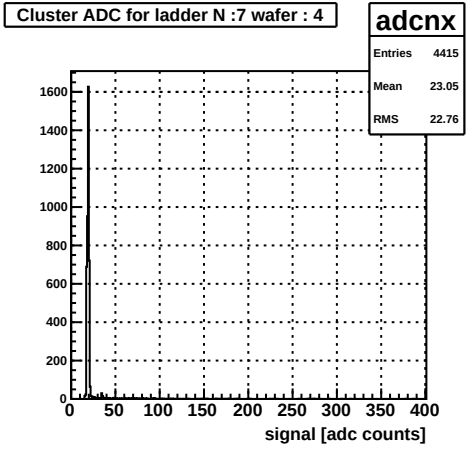

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 527
Mean 45.81
RMS 51.14
signal [adc counts]

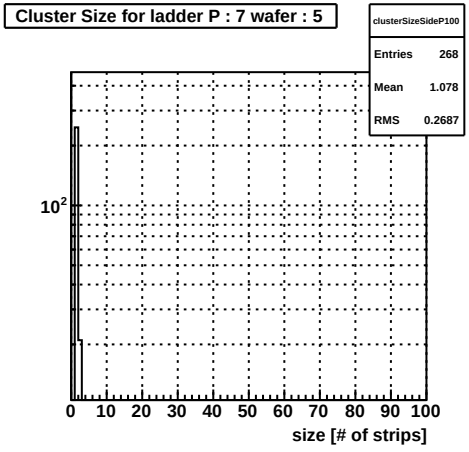

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 225
Mean 1.307
RMS 0.7359
size [# of strips]

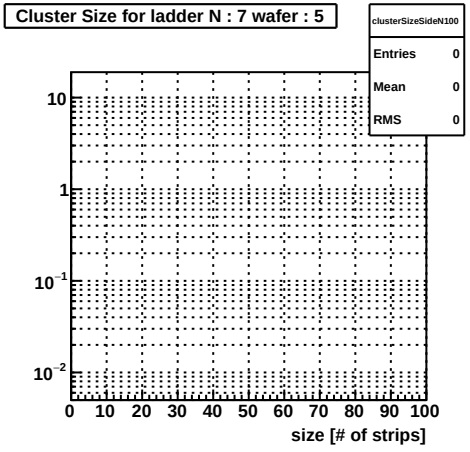

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 4415
Mean 1.056
RMS 0.3151
size [# of strips]

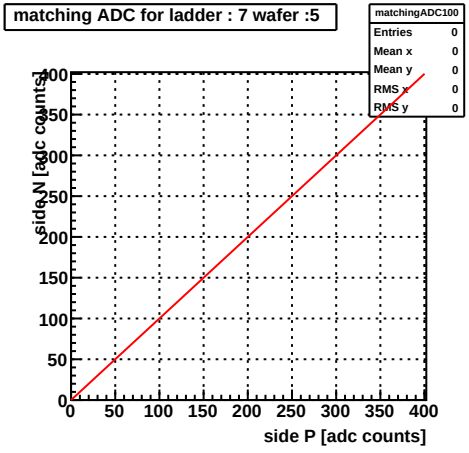

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 47
Mean x 115.6
Mean y 80.49
RMS x 94.03
RMS y 66.58
side N [adc counts]
side P [adc counts]

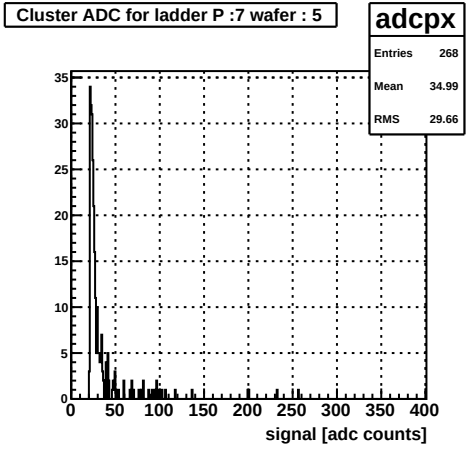

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 225
Mean 63.22
RMS 71.73
signal [adc counts]

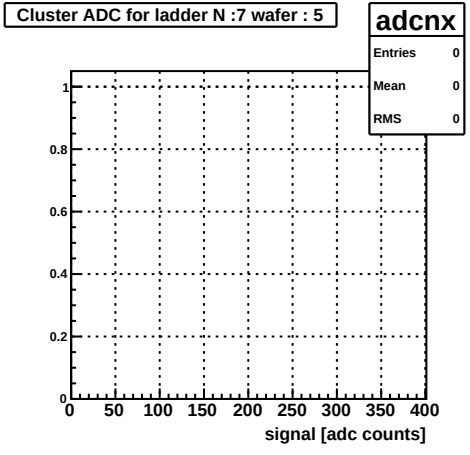

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 4415
Mean 23.05
RMS 22.76
signal [adc counts]

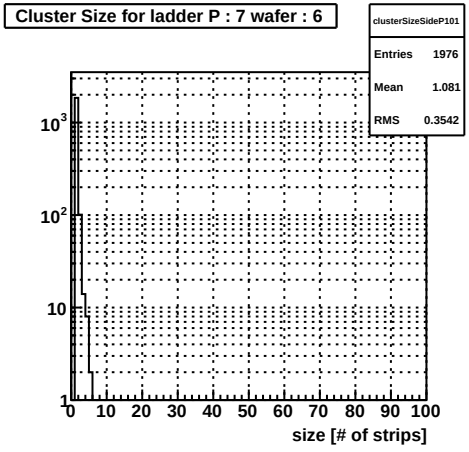

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 268
Mean 1.078
RMS 0.2687
size [# of strips]

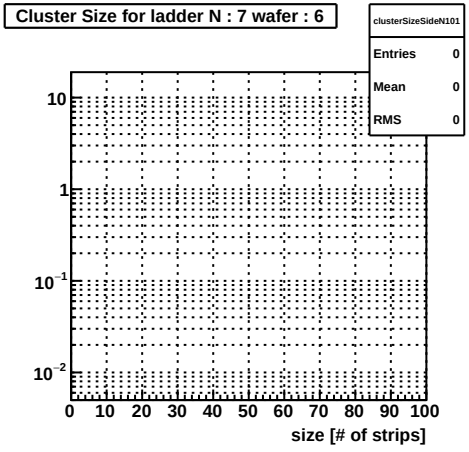

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

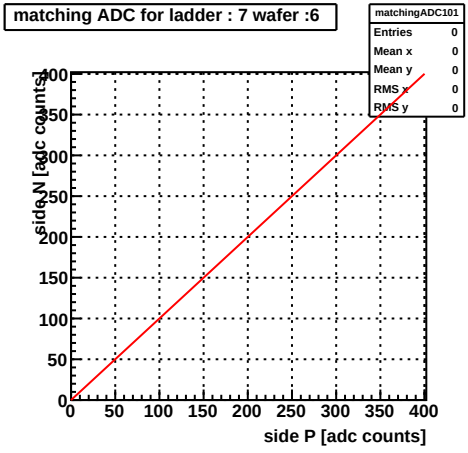

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

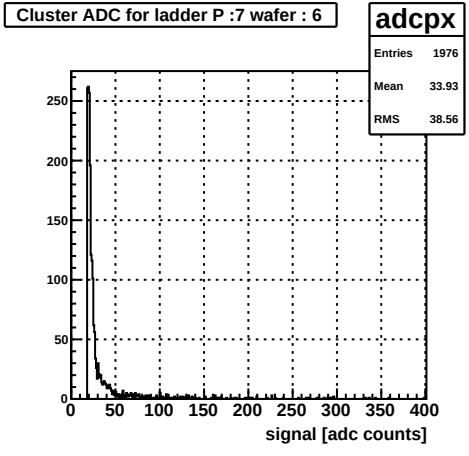

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 268
Mean 34.99
RMS 29.66
signal [adc counts]

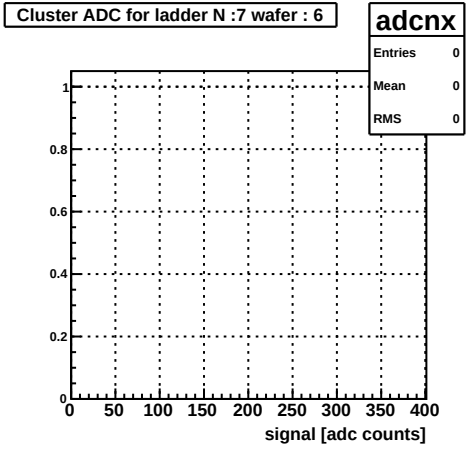

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

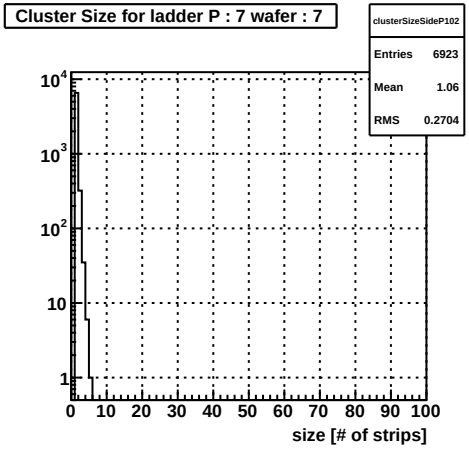

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 1976
Mean 1.081
RMS 0.3542
size [# of strips]

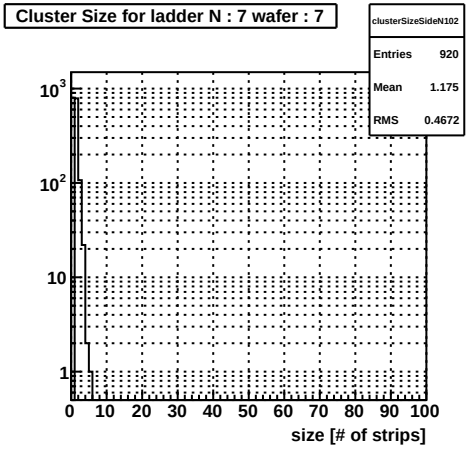

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

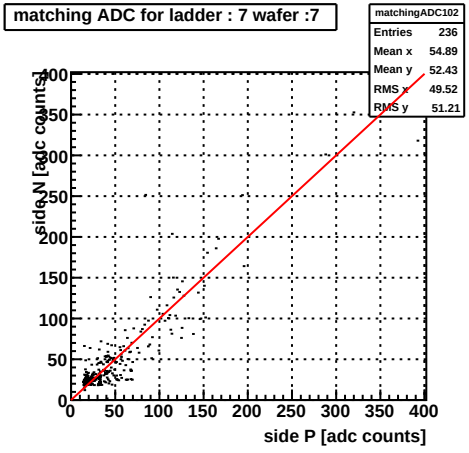

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

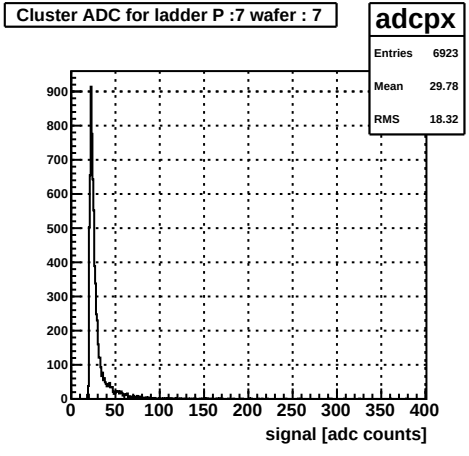

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 1976
Mean 33.93
RMS 38.56
signal [adc counts]

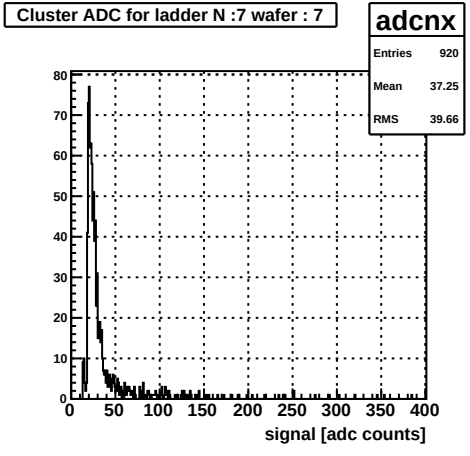

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

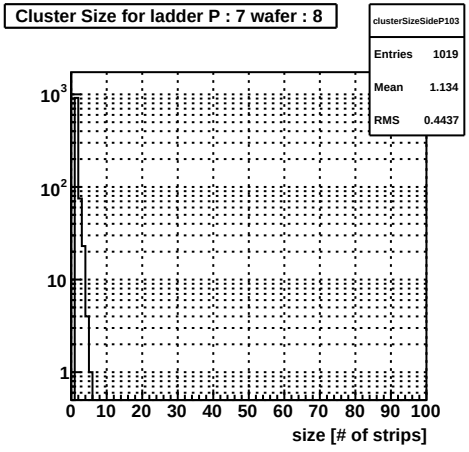

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 6923
Mean 1.06
RMS 0.2704
size [# of strips]

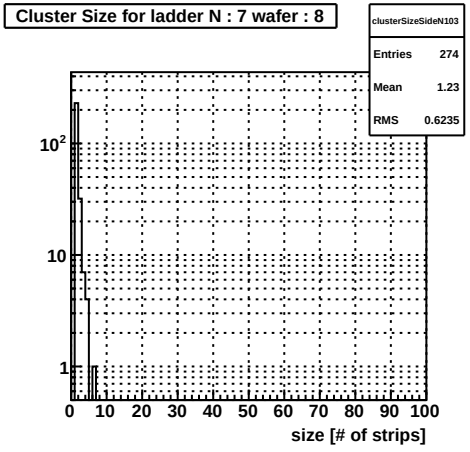

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 920
Mean 1.175
RMS 0.4672
size [# of strips]

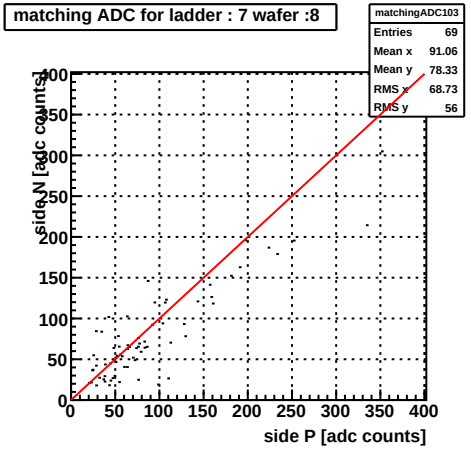

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 236
Mean x 54.89
Mean y 52.43
RMS x 49.52
RMS y 51.21
side N [adc counts]
side P [adc counts]

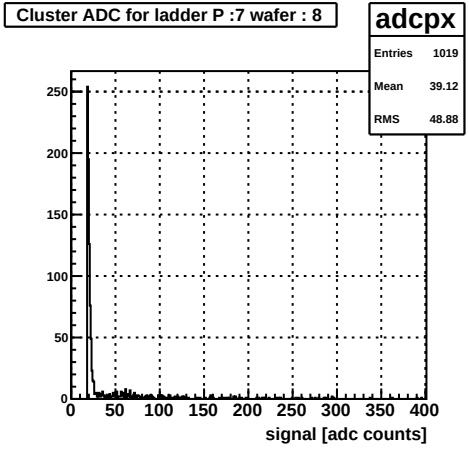

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 6923
Mean 29.78
RMS 18.32
signal [adc counts]

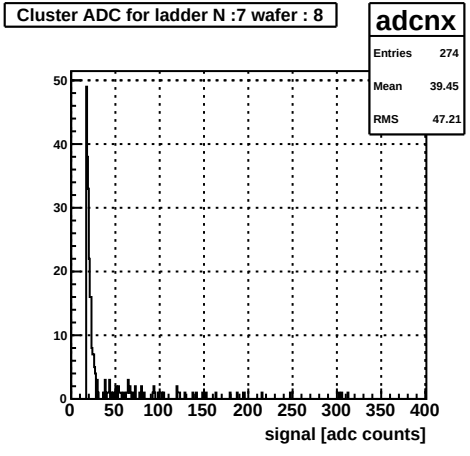

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 920
Mean 37.25
RMS 39.66
signal [adc counts]

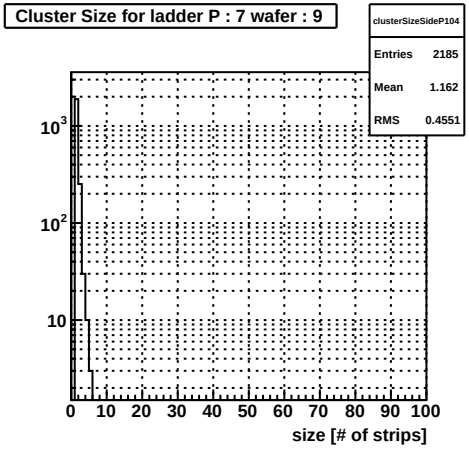

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 1019
Mean 1.134
RMS 0.4437
size [# of strips]

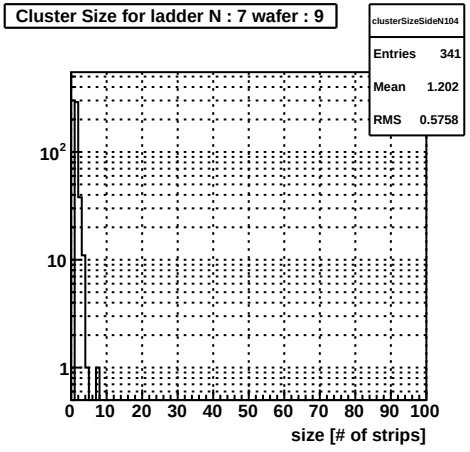

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 274
Mean 1.23
RMS 0.6235
size [# of strips]

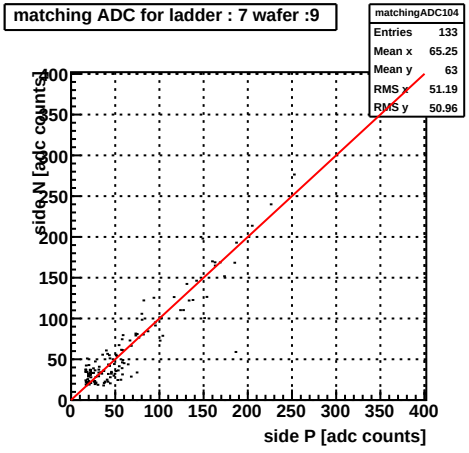

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 69
Mean x 91.06
Mean y 78.33
RMS x 68.73
RMS y 56
side N [adc counts]
side P [adc counts]

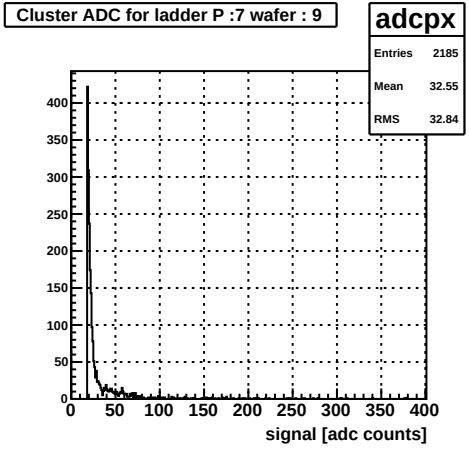

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 1019
Mean 39.12
RMS 48.88
signal [adc counts]

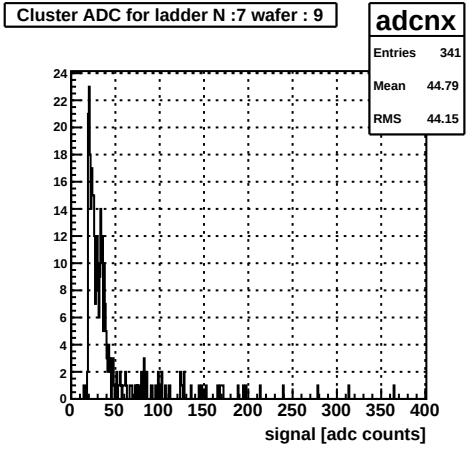

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 274
Mean 39.45
RMS 47.21
signal [adc counts]

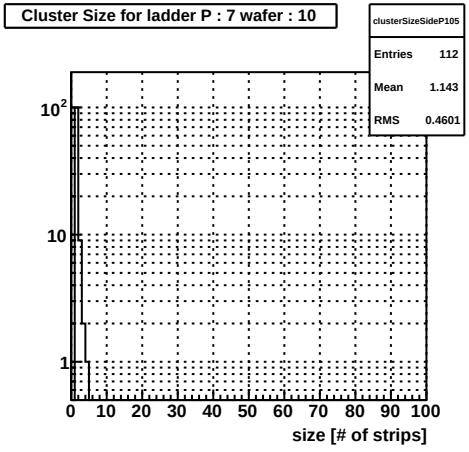

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 2185
Mean 1.162
RMS 0.4551
size [# of strips]

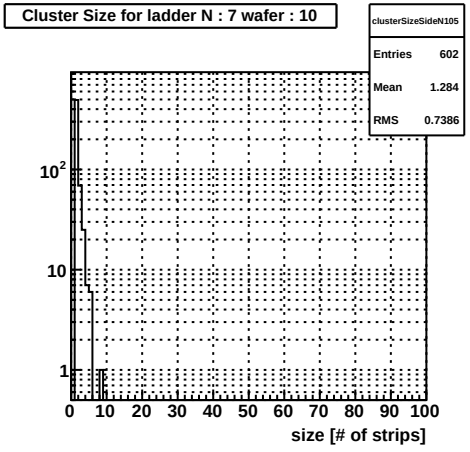

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 341
Mean 1.202
RMS 0.5758
size [# of strips]

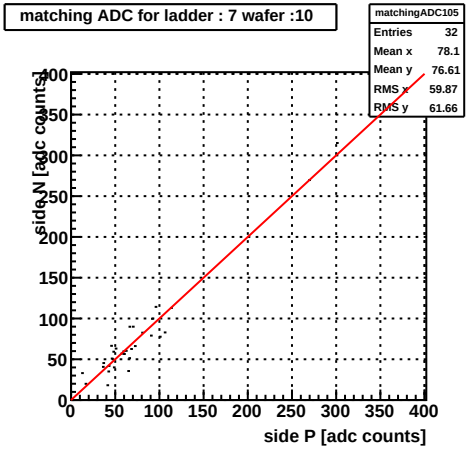

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 133
Mean x 65.25
Mean y 63
RMS x 51.19
RMS y 50.96
side N [adc counts]
side P [adc counts]

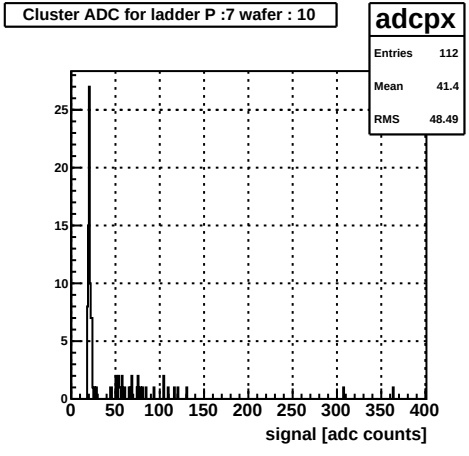

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 2185
Mean 32.55
RMS 32.84
signal [adc counts]

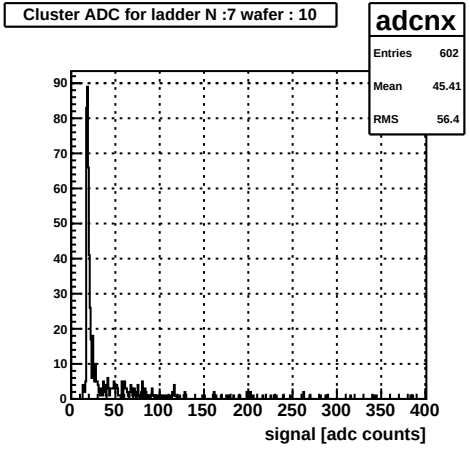

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 341
Mean 44.79
RMS 44.15
signal [adc counts]

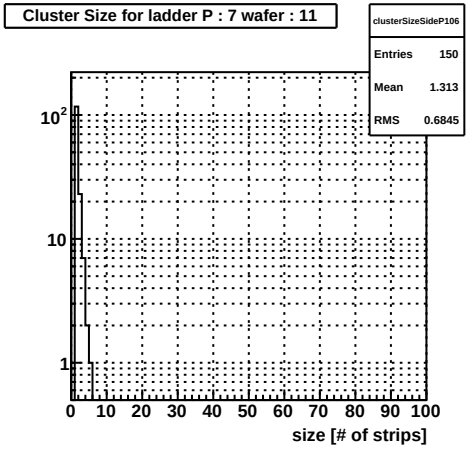

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 112
Mean 1.143
RMS 0.4601
size [# of strips]

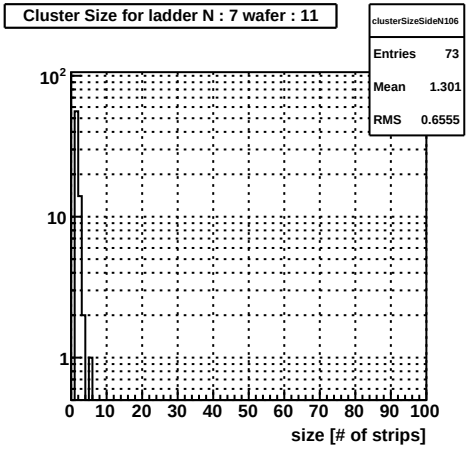

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 602
Mean 1.284
RMS 0.7386
size [# of strips]

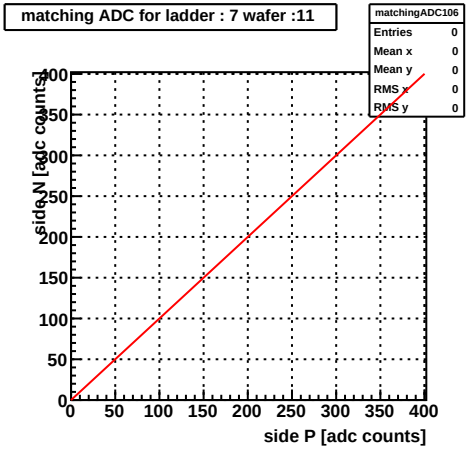

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 32
Mean x 78.1
Mean y 76.61
RMS x 59.87
RMS y 61.66
side N [adc counts]
side P [adc counts]

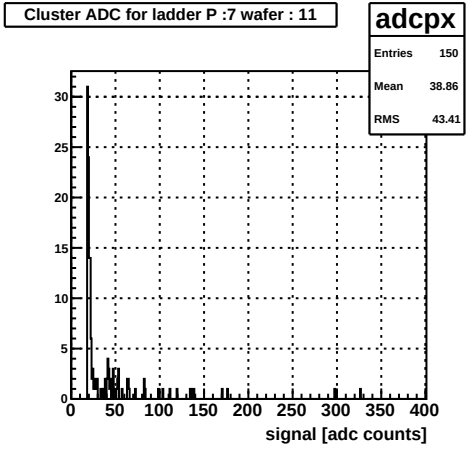

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 112
Mean 41.4
RMS 48.49
signal [adc counts]

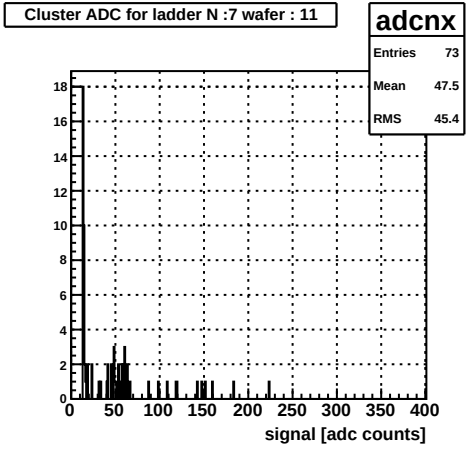

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 602
Mean 45.41
RMS 56.4
signal [adc counts]

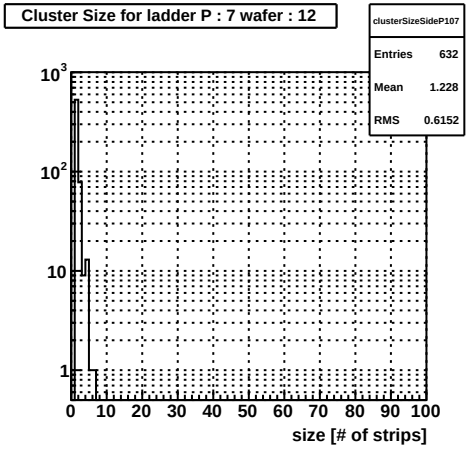

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 150
Mean 1.313
RMS 0.6845
size [# of strips]

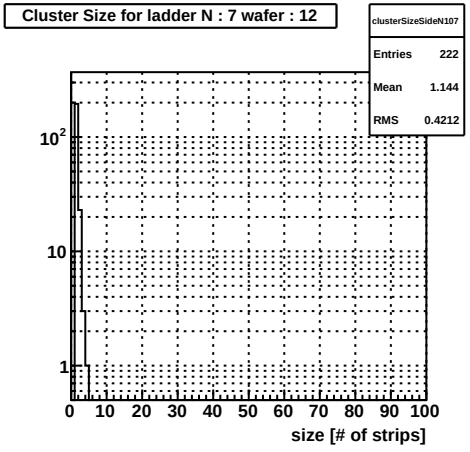

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 73
Mean 1.301
RMS 0.6555
size [# of strips]

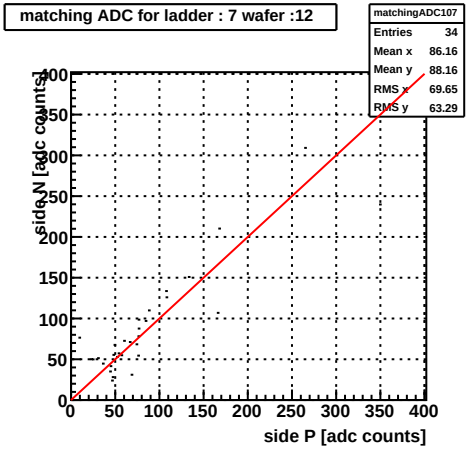

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

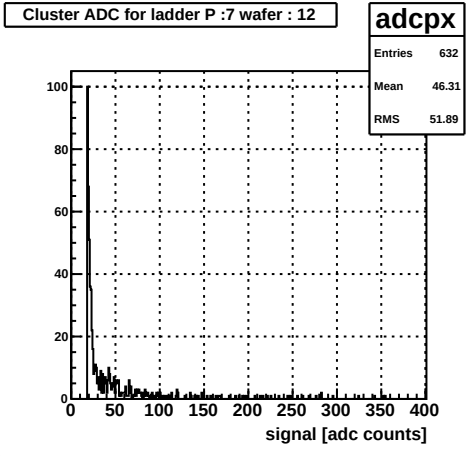

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 150
Mean 38.86
RMS 43.41
signal [adc counts]

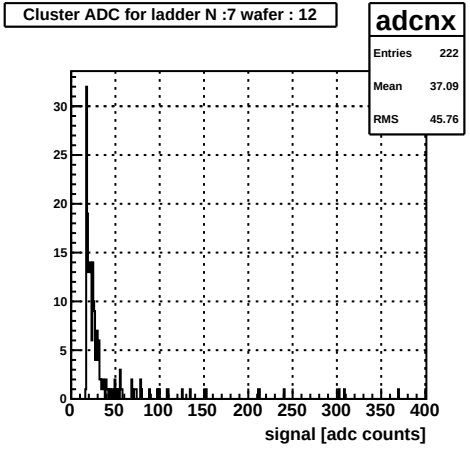

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 73
Mean 47.5
RMS 45.4
signal [adc counts]

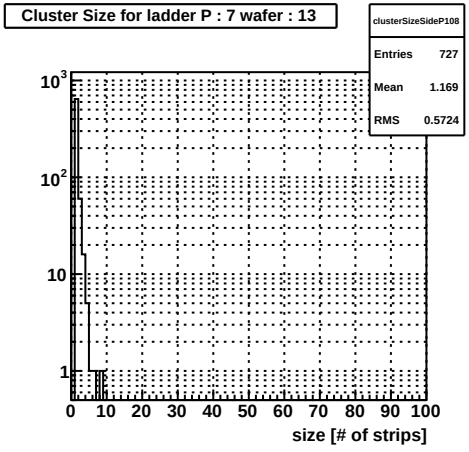

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 632
Mean 1.228
RMS 0.6152
size [# of strips]

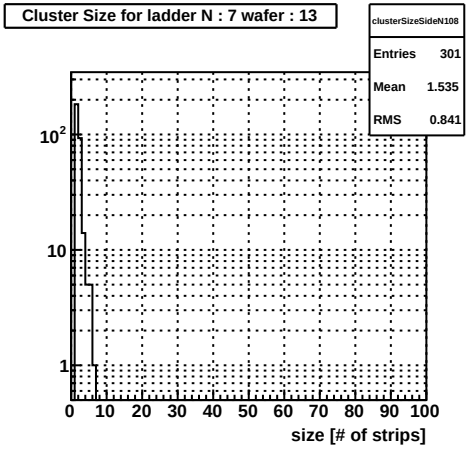

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 222
Mean 1.144
RMS 0.4212
size [# of strips]

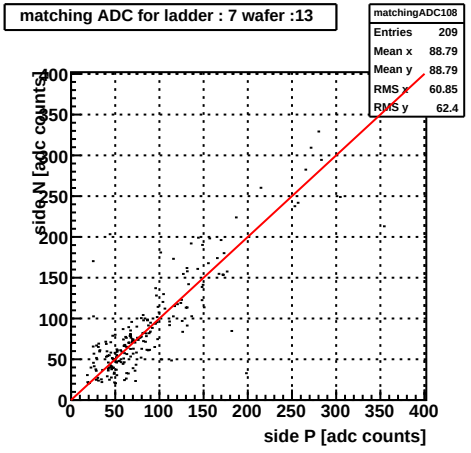

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 34
Mean x 86.16
Mean y 88.16
RMS x 69.65
RMS y 63.29
side N [adc counts]
side P [adc counts]

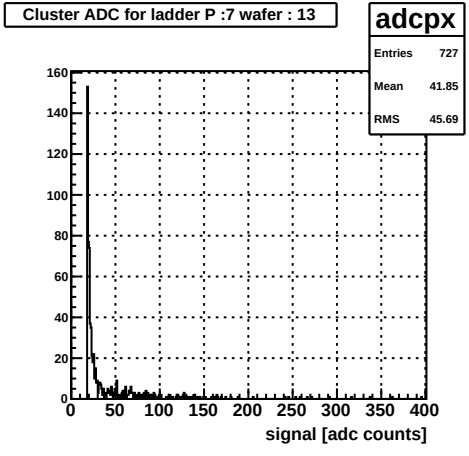

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 632
Mean 46.31
RMS 51.89
signal [adc counts]

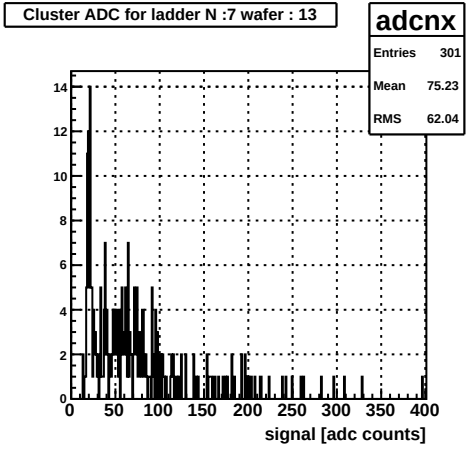

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 222
Mean 37.09
RMS 45.76
signal [adc counts]

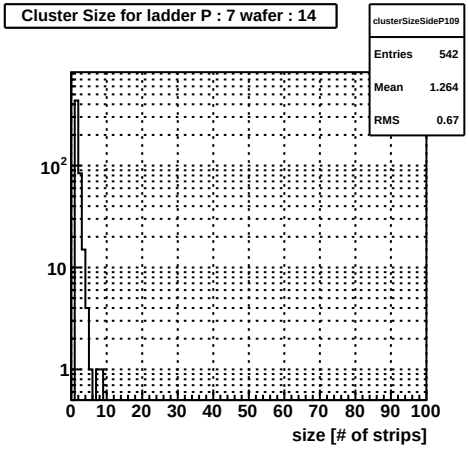

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 727
Mean 1.169
RMS 0.5724
size [# of strips]

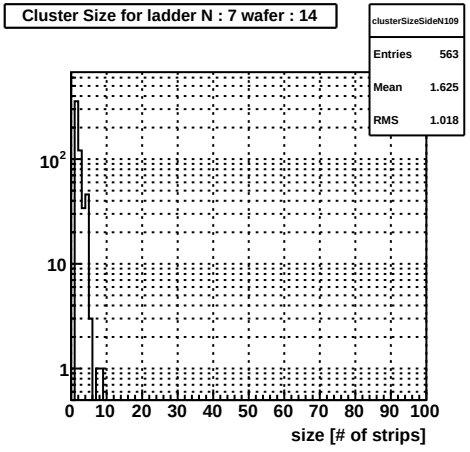

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 301
Mean 1.535
RMS 0.841
size [# of strips]

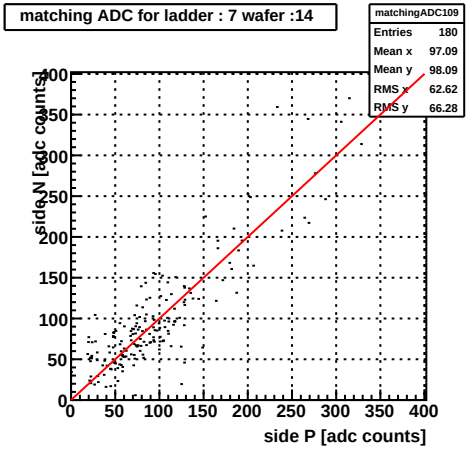

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 209
Mean x 88.79
Mean y 88.79
RMS x 60.85
RMS y 62.4
side N [adc counts]
side P [adc counts]

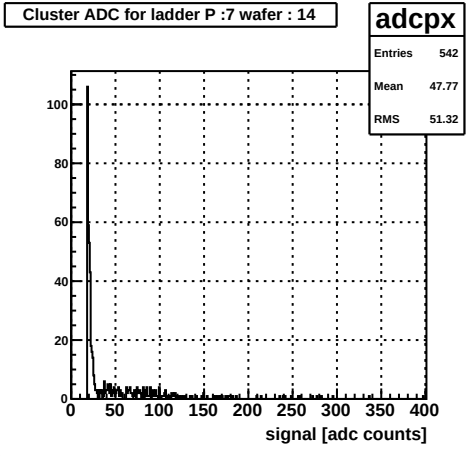

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 727
Mean 41.85
RMS 45.69
signal [adc counts]

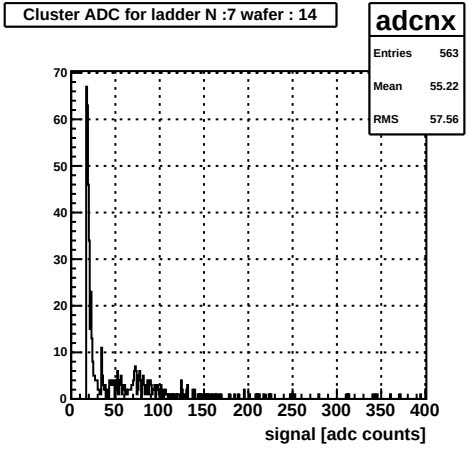

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 301
Mean 75.23
RMS 62.04
signal [adc counts]

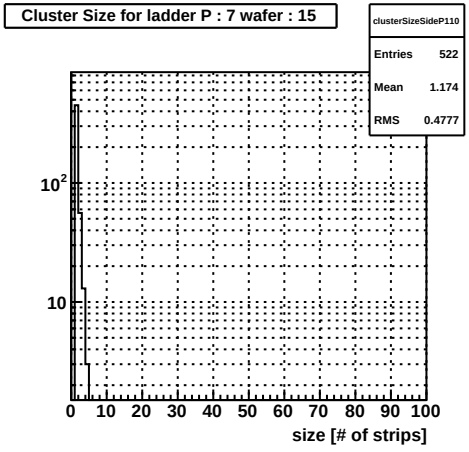

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 542
Mean 1.264
RMS 0.67
size [# of strips]

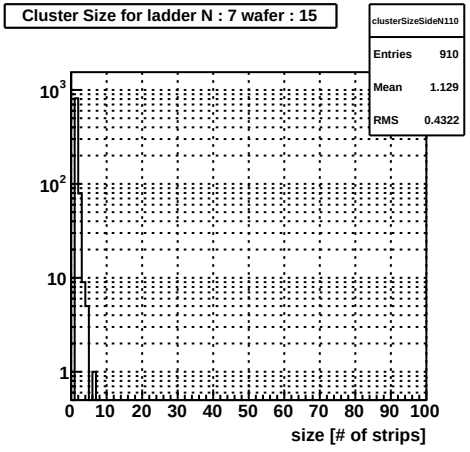

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 563
Mean 1.625
RMS 1.018
size [# of strips]

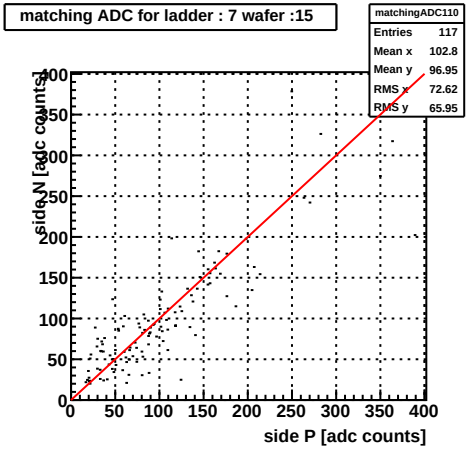

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 180
Mean x 97.09
Mean y 98.09
RMS x 62.62
RMS y 66.28
side N [adc counts]
side P [adc counts]

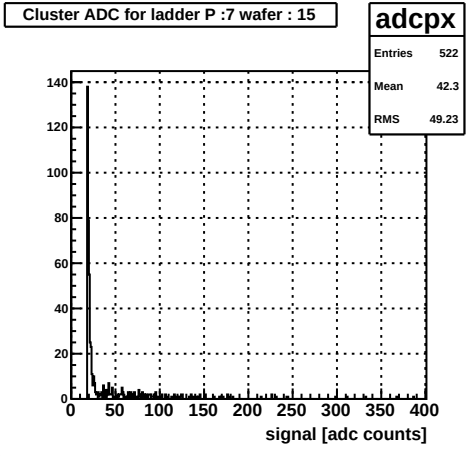

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 542
Mean 47.77
RMS 51.32
signal [adc counts]

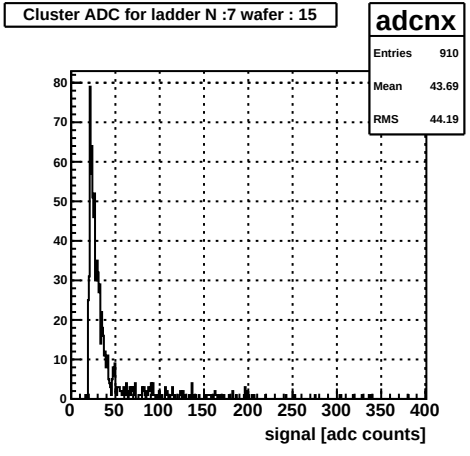

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 563
Mean 55.22
RMS 57.56
signal [adc counts]

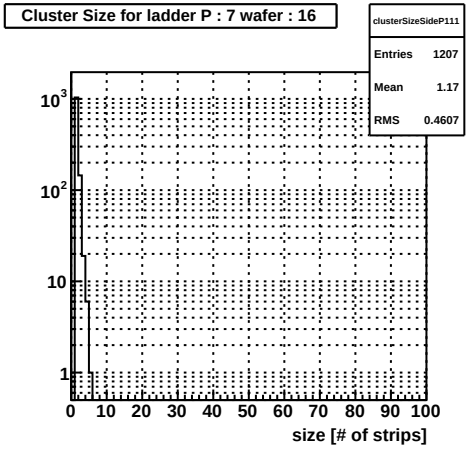

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 522
Mean 1.174
RMS 0.4777
size [# of strips]

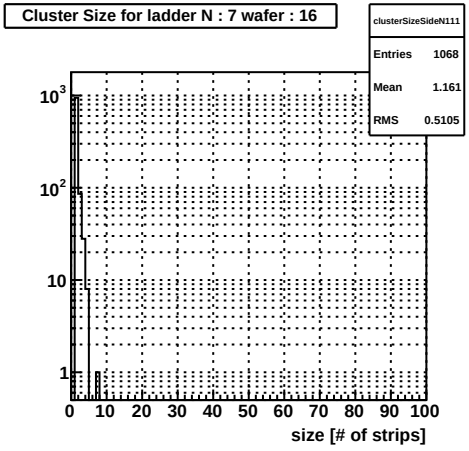

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 910
Mean 1.129
RMS 0.4322
size [# of strips]

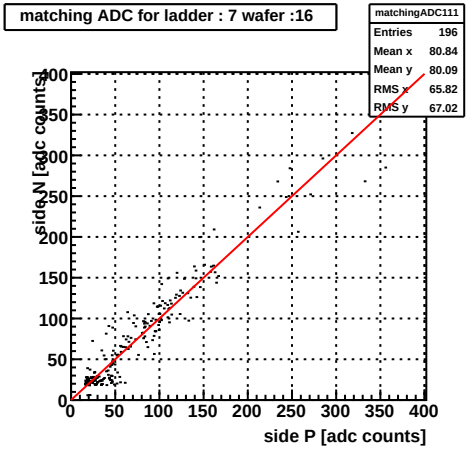

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 117
Mean x 102.8
Mean y 96.95
RMS x 72.62
RMS y 65.95
side N [adc counts]
side P [adc counts]

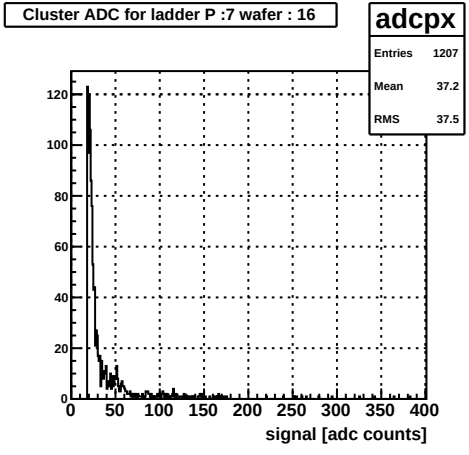

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 522
Mean 42.3
RMS 49.23
signal [adc counts]

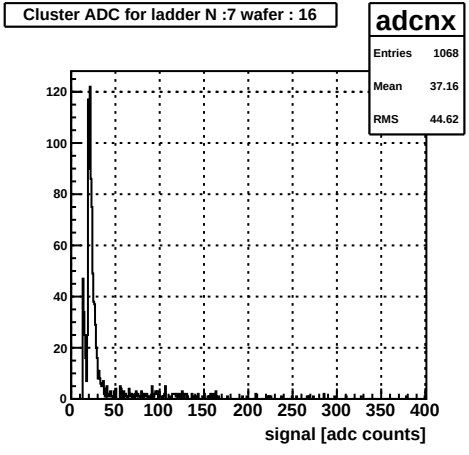

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 910
Mean 43.69
RMS 44.19
signal [adc counts]

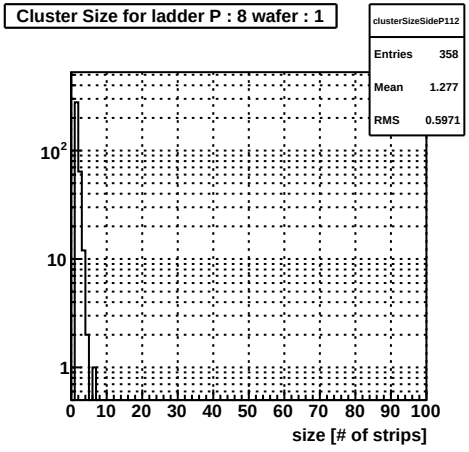

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 1207
Mean 1.17
RMS 0.4607
size [# of strips]

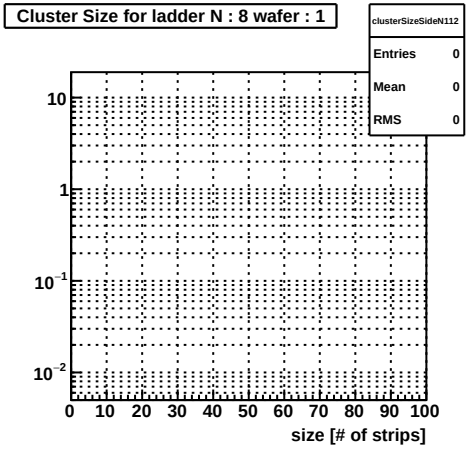

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 1068
Mean 1.161
RMS 0.5105
size [# of strips]

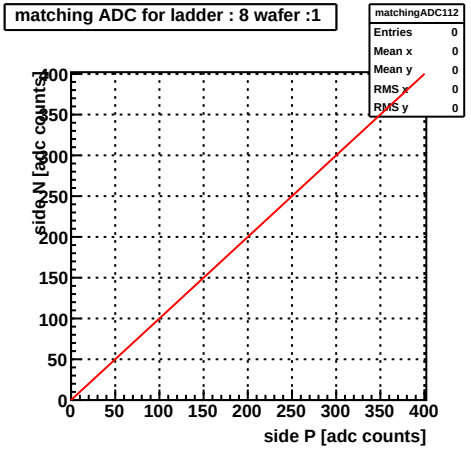

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 196
Mean x 80.84
Mean y 80.09
RMS x 65.82
RMS y 67.02
side N [adc counts]
side P [adc counts]

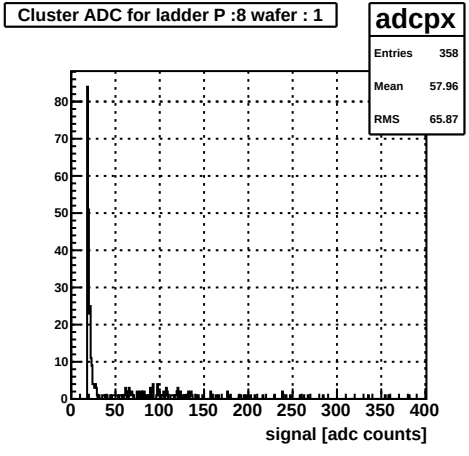

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 1207
Mean 37.2
RMS 37.5
signal [adc counts]

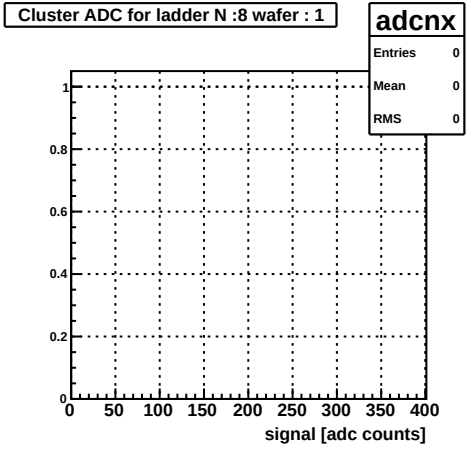

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 1068
Mean 37.16
RMS 44.62
signal [adc counts]

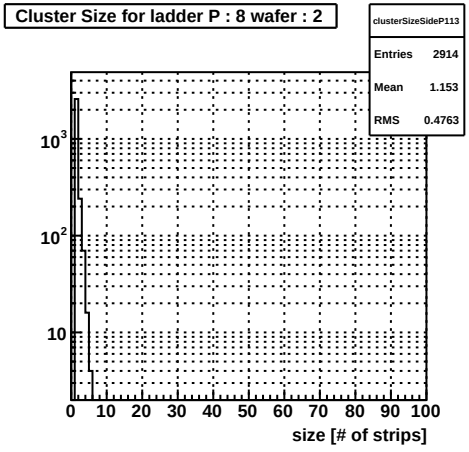

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 358
Mean 1.277
RMS 0.5971
size [# of strips]

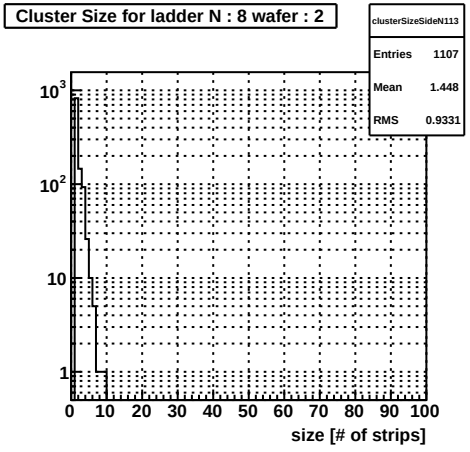

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

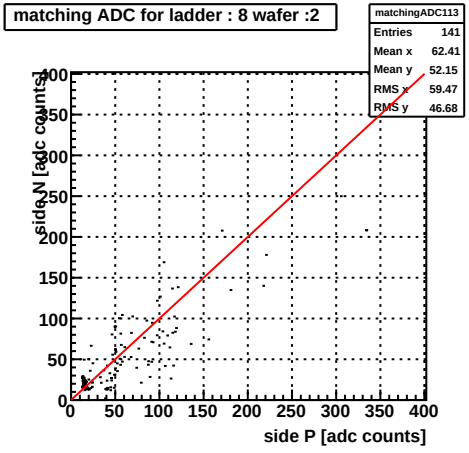

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

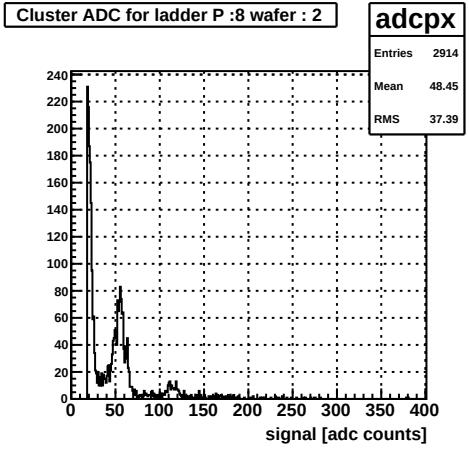

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 358
Mean 57.96
RMS 65.87
signal [adc counts]

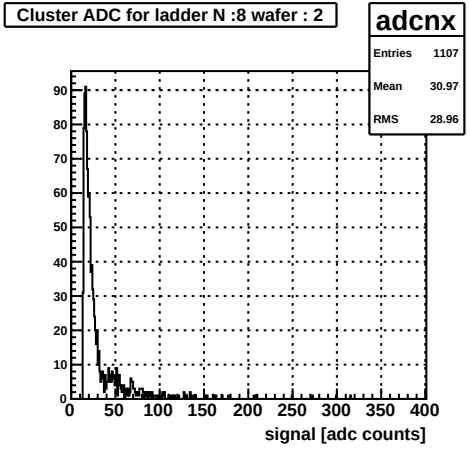

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

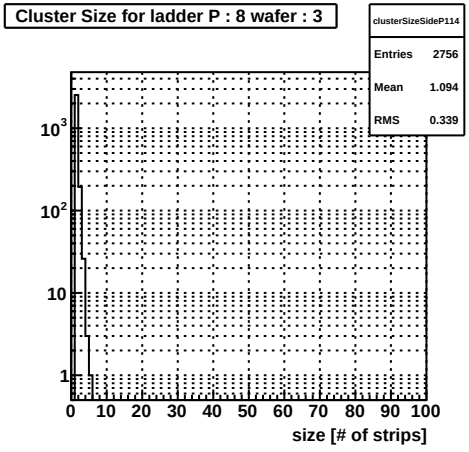

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 2914
Mean 1.153
RMS 0.4763
size [# of strips]

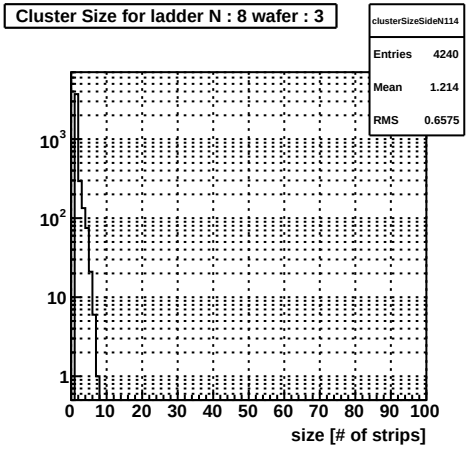

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1107
Mean 1.448
RMS 0.9331
size [# of strips]

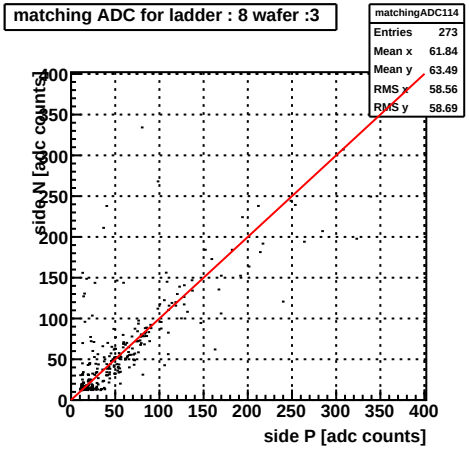

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 141
Mean x 62.41
Mean y 52.15
RMS x 59.47
RMS y 46.68
side N [adc counts]
side P [adc counts]

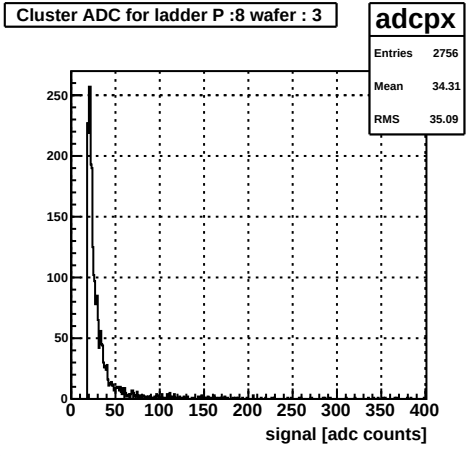

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 2914
Mean 48.45
RMS 37.39
signal [adc counts]

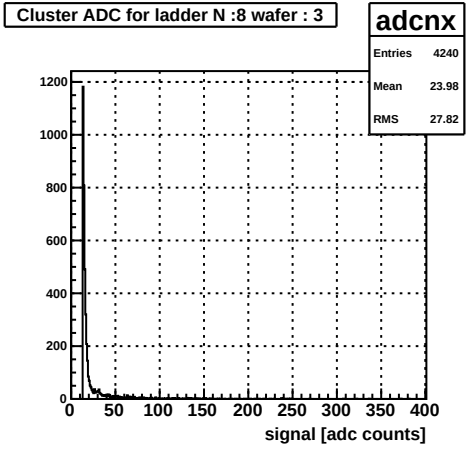

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1107
Mean 30.97
RMS 28.96
signal [adc counts]

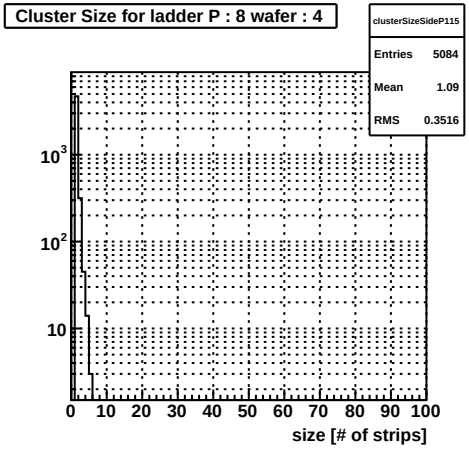

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 2756
Mean 1.094
RMS 0.339
size [# of strips]

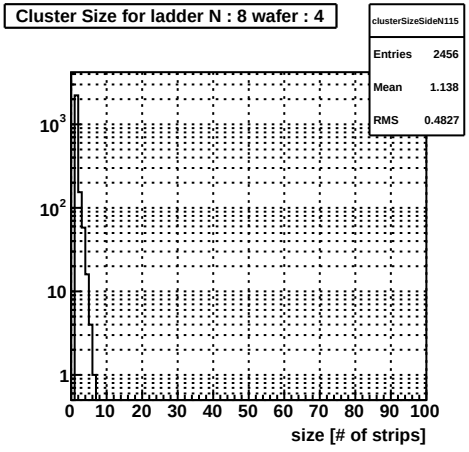

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 4240
Mean 1.214
RMS 0.6575
size [# of strips]

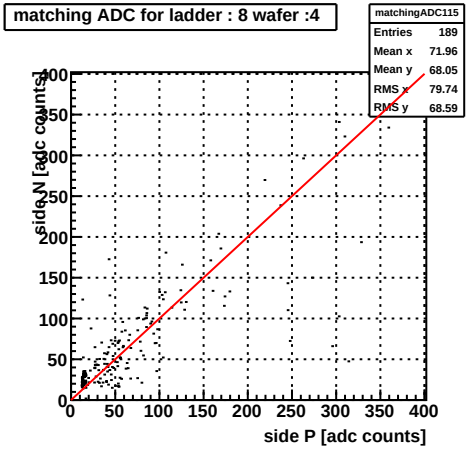

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 273
Mean x 61.84
Mean y 63.49
RMS x 58.56
RMS y 58.69
side N [adc counts]
side P [adc counts]

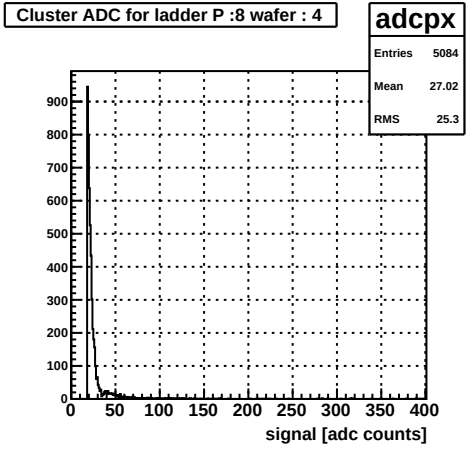

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 2756
Mean 34.31
RMS 35.09
signal [adc counts]

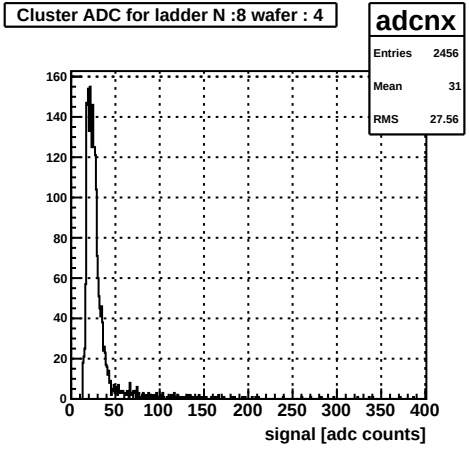

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 4240
Mean 23.98
RMS 27.82
signal [adc counts]

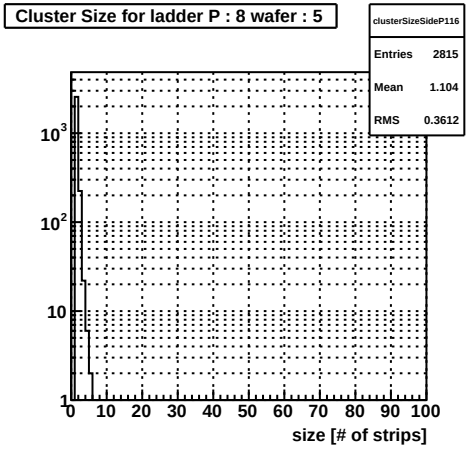

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 5084
Mean 1.09
RMS 0.3516
size [# of strips]

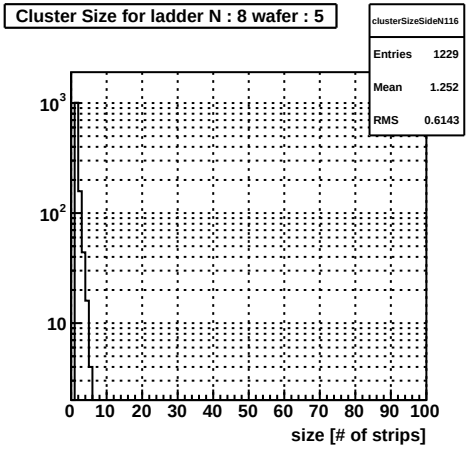

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 2456
Mean 1.138
RMS 0.4827
size [# of strips]

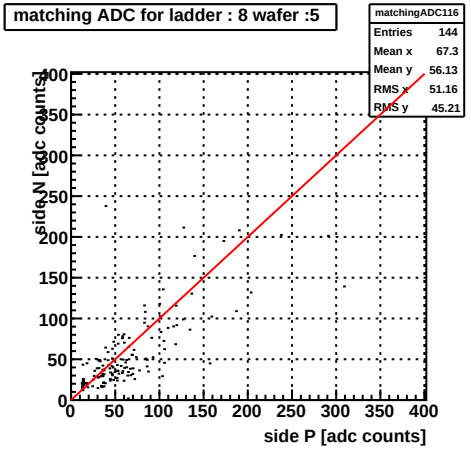

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 189
Mean x 71.96
Mean y 68.05
RMS x 79.74
RMS y 68.59
side N [adc counts]
side P [adc counts]

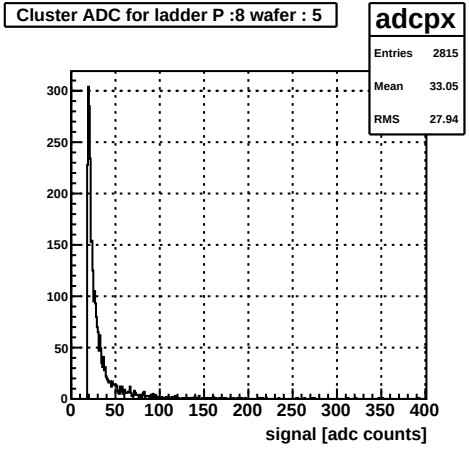

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 5084
Mean 27.02
RMS 25.3
signal [adc counts]

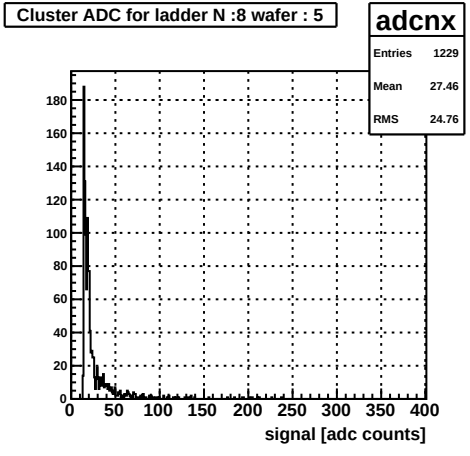

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 2456
Mean 31
RMS 27.56
signal [adc counts]

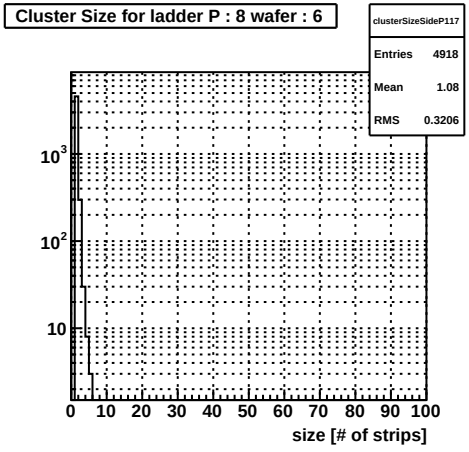

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 2815
Mean 1.104
RMS 0.3612
size [# of strips]

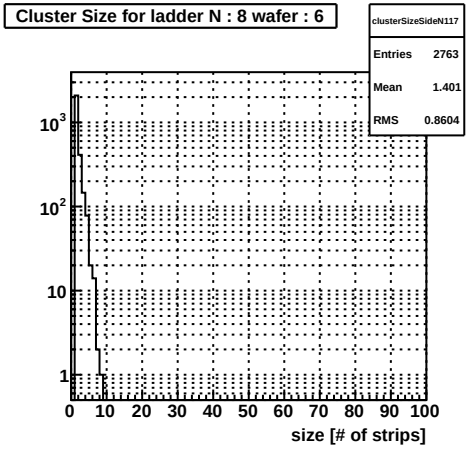

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 1229
Mean 1.252
RMS 0.6143
size [# of strips]

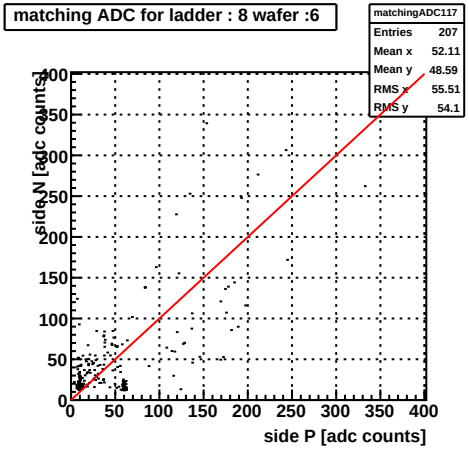

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 144
Mean x 67.3
Mean y 56.13
RMS x 51.16
RMS y 45.21
side N [adc counts]
side P [adc counts]

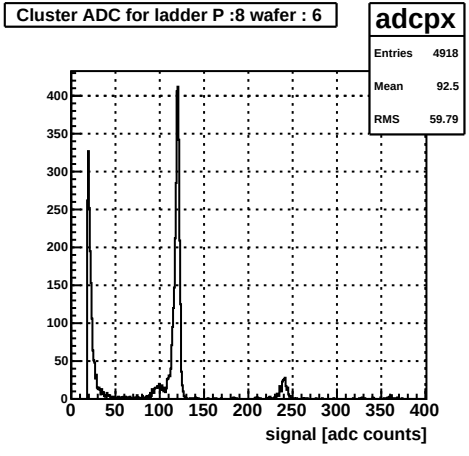

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 2815
Mean 33.05
RMS 27.94
signal [adc counts]

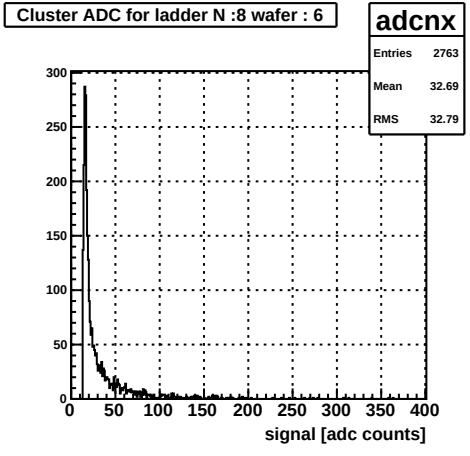

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 1229
Mean 27.46
RMS 24.76
signal [adc counts]

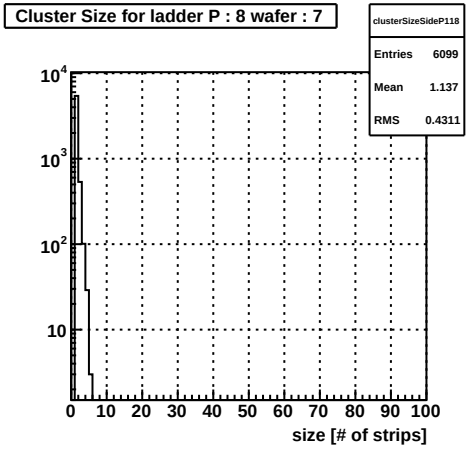

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 4918
Mean 1.08
RMS 0.3206
size [# of strips]

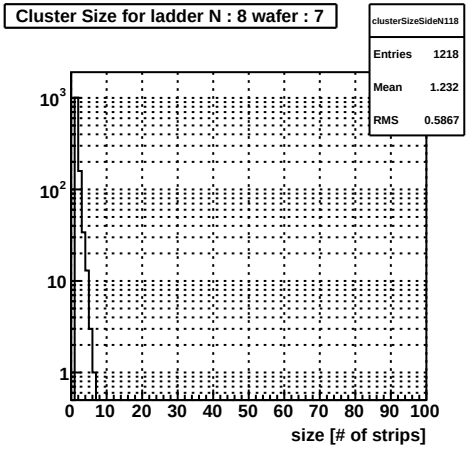

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 2763
Mean 1.401
RMS 0.8604
size [# of strips]

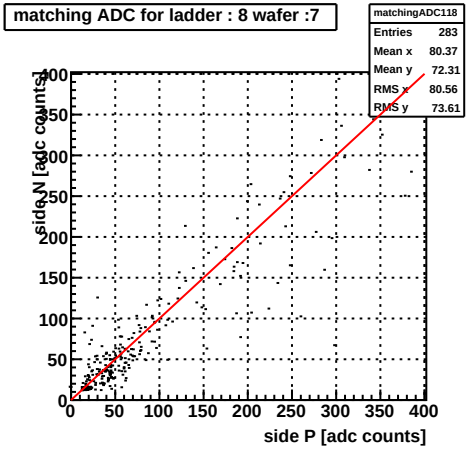

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 207
Mean x 52.11
Mean y 48.59
RMS x 55.51
RMS y 54.1
side N [adc counts]
side P [adc counts]

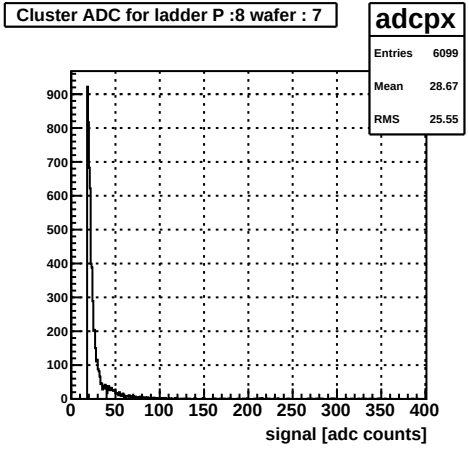

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 4918
Mean 92.5
RMS 59.79
signal [adc counts]

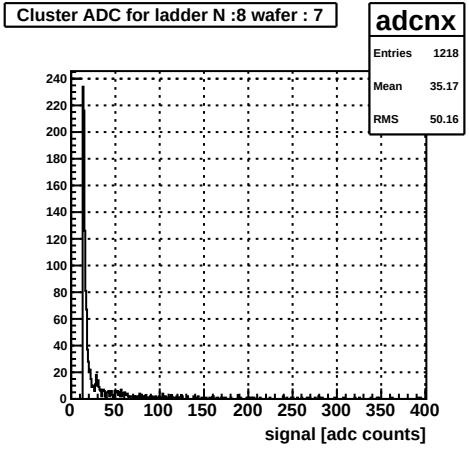

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 2763
Mean 32.69
RMS 32.79
signal [adc counts]

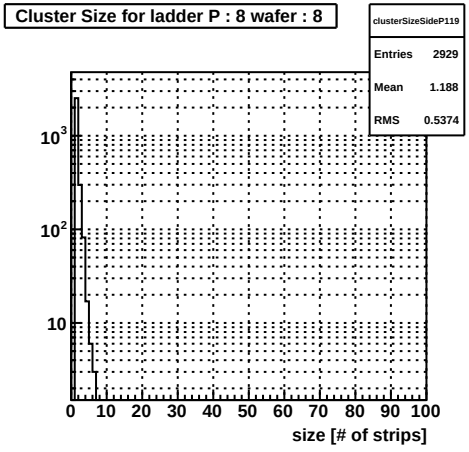

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 6099
Mean 1.137
RMS 0.4311
size [# of strips]

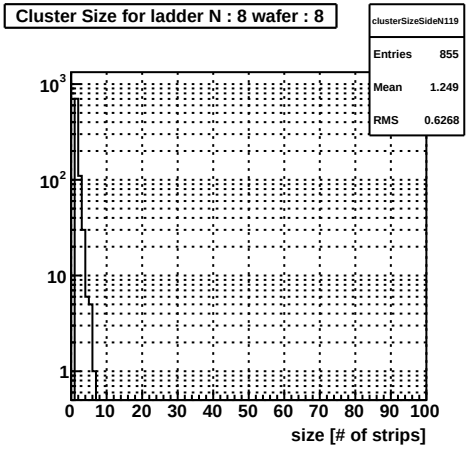

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 1218
Mean 1.232
RMS 0.5867
size [# of strips]

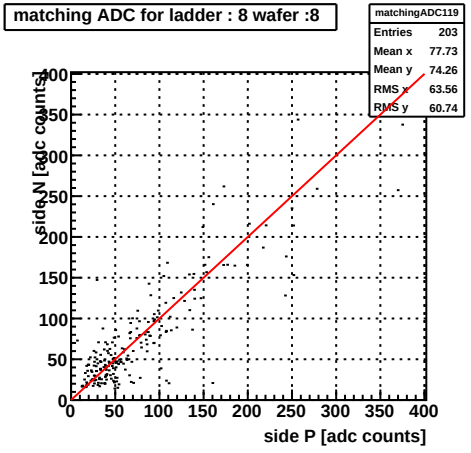

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 283
Mean x 80.37
Mean y 72.31
RMS x 80.56
RMS y 73.61
side N [adc counts]
side P [adc counts]

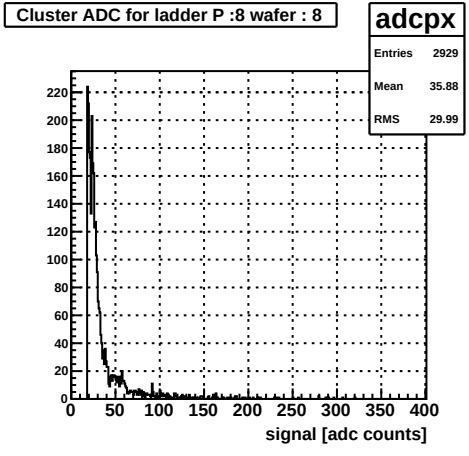

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 6099
Mean 28.67
RMS 25.55
signal [adc counts]

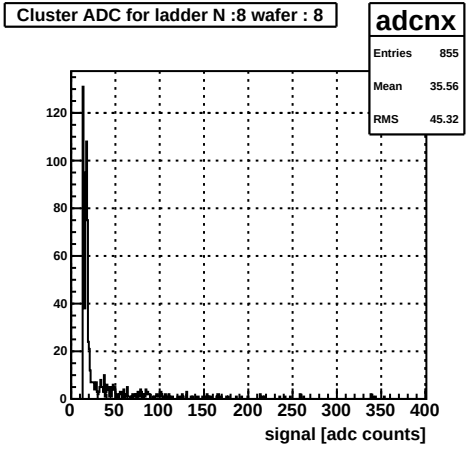

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 1218
Mean 35.17
RMS 50.16
signal [adc counts]

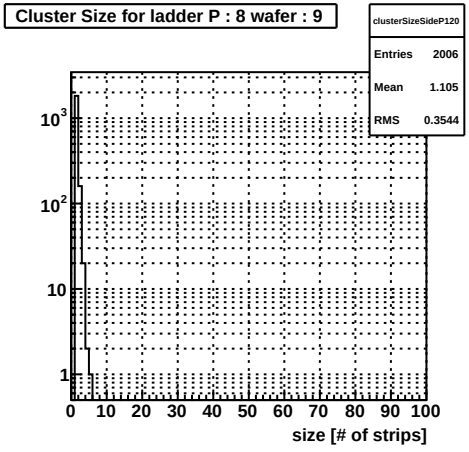

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 2929
Mean 1.188
RMS 0.5374
size [# of strips]

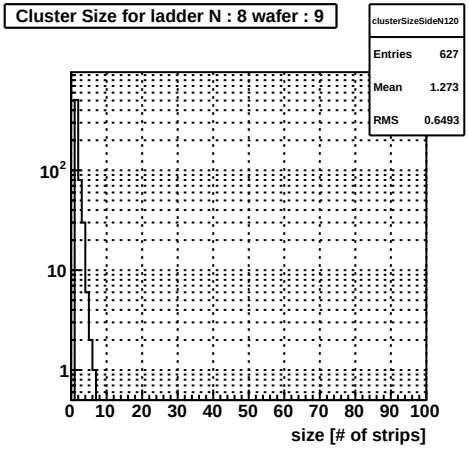

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 855
Mean 1.249
RMS 0.6268
size [# of strips]

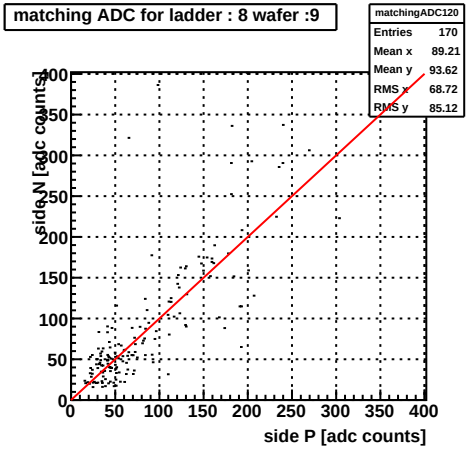

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 203
Mean x 77.73
Mean y 74.26
RMS x 63.56
RMS y 60.74
side N [adc counts]
side P [adc counts]

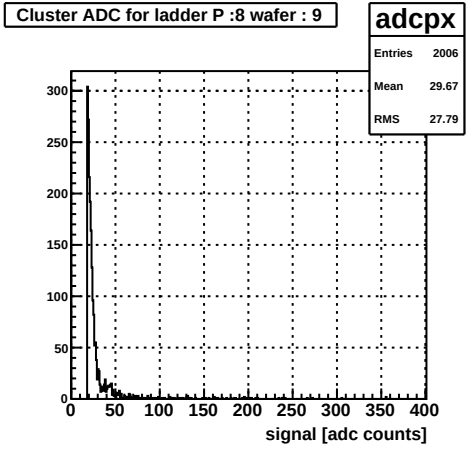

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 2929
Mean 35.88
RMS 29.99
signal [adc counts]

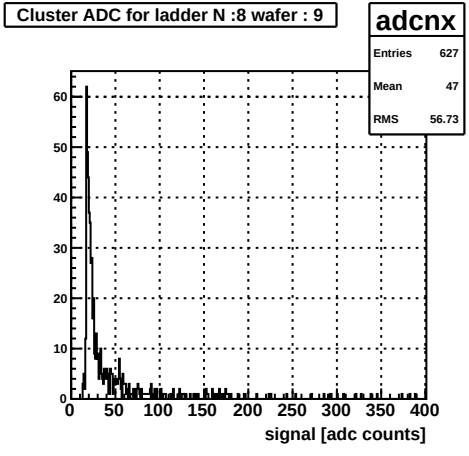

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 855
Mean 35.56
RMS 45.32
signal [adc counts]

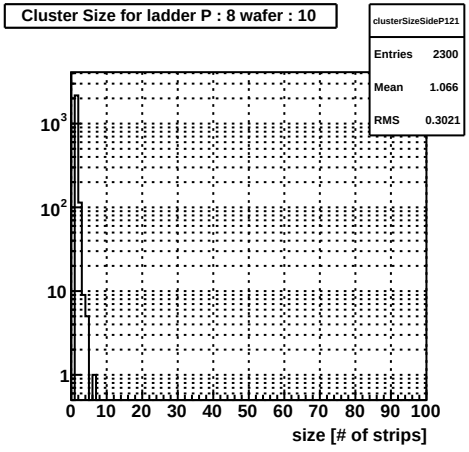

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 2006
Mean 1.105
RMS 0.3544
size [# of strips]

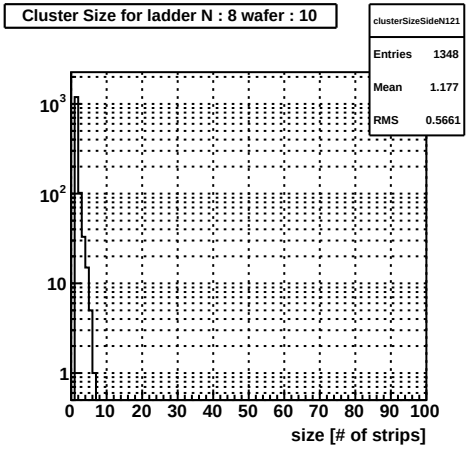

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 627
Mean 1.273
RMS 0.6493
size [# of strips]

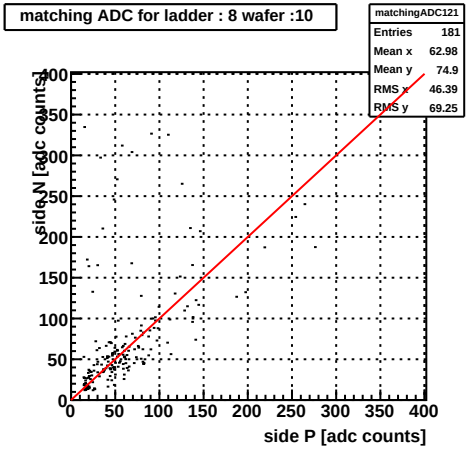

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 170
Mean x 89.21
Mean y 93.62
RMS x 68.72
RMS y 85.12
side N [adc counts]
side P [adc counts]

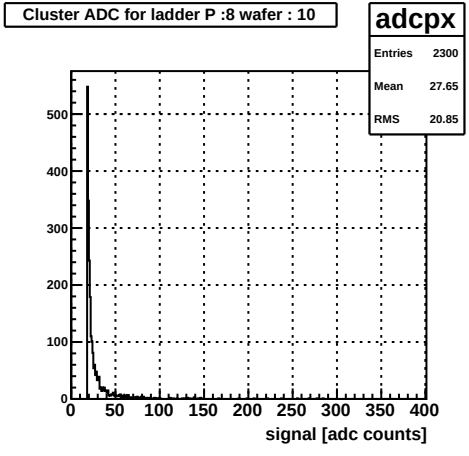

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 2006
Mean 29.67
RMS 27.79
signal [adc counts]

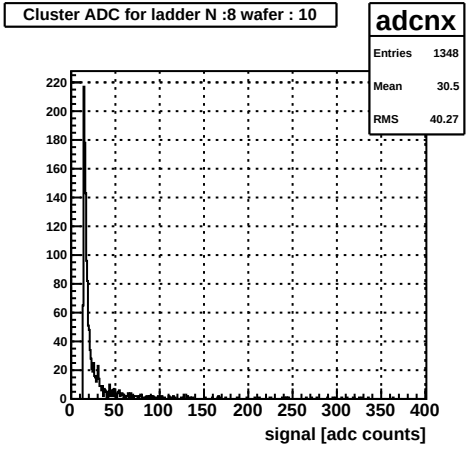

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 627
Mean 47
RMS 56.73
signal [adc counts]

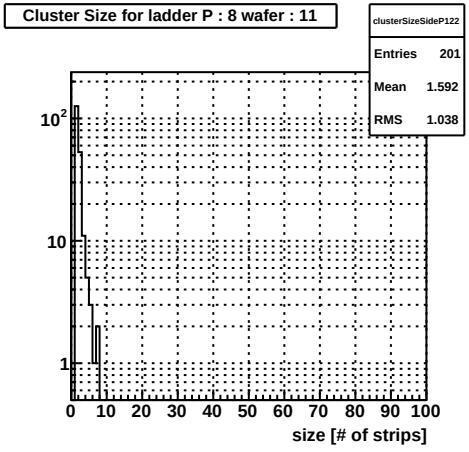

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 2300
Mean 1.066
RMS 0.3021
size [# of strips]

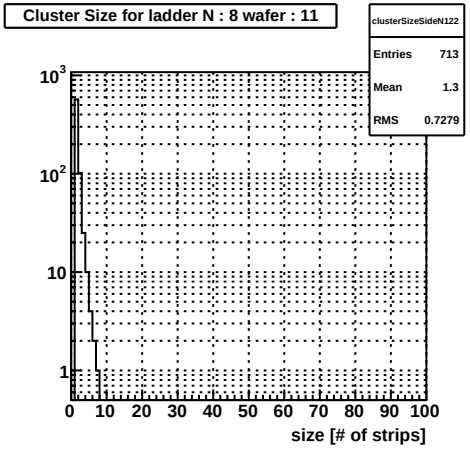

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 1348
Mean 1.177
RMS 0.5661
size [# of strips]

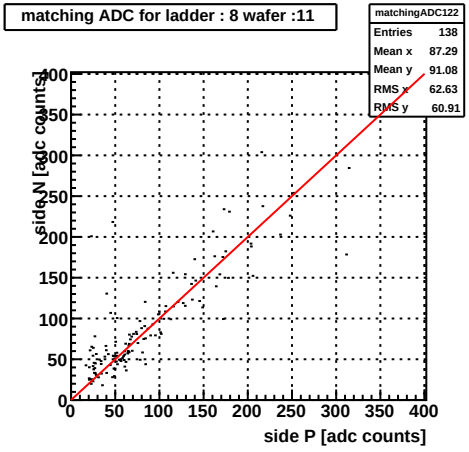

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 181
Mean x 62.98
Mean y 74.9
RMS x 46.39
RMS y 69.25
side N [adc counts]
side P [adc counts]

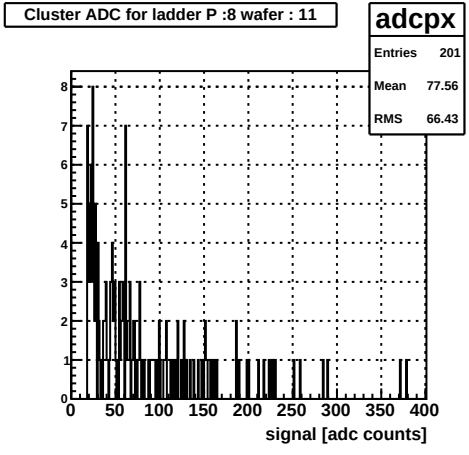

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 2300
Mean 27.65
RMS 20.85
signal [adc counts]

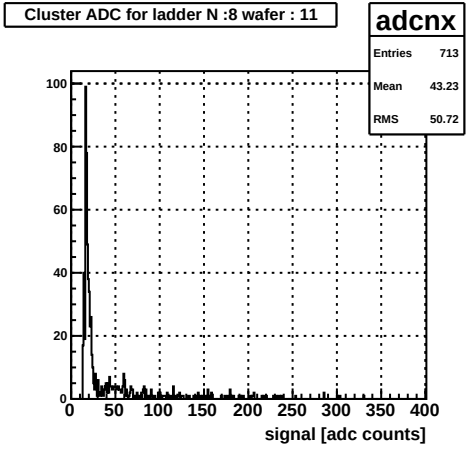

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 1348
Mean 30.5
RMS 40.27
signal [adc counts]

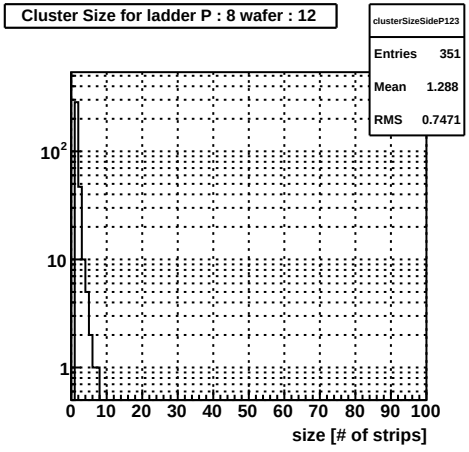

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 201
Mean 1.592
RMS 1.038
size [# of strips]

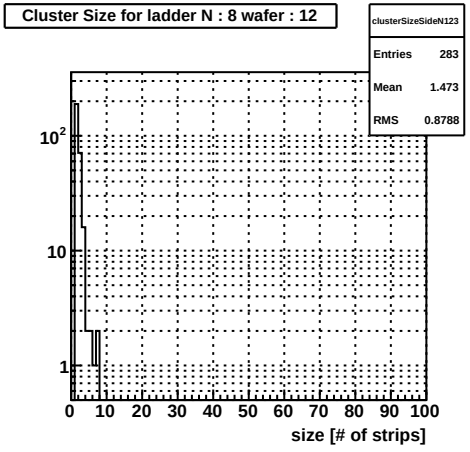

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 713
Mean 1.3
RMS 0.7279
size [# of strips]

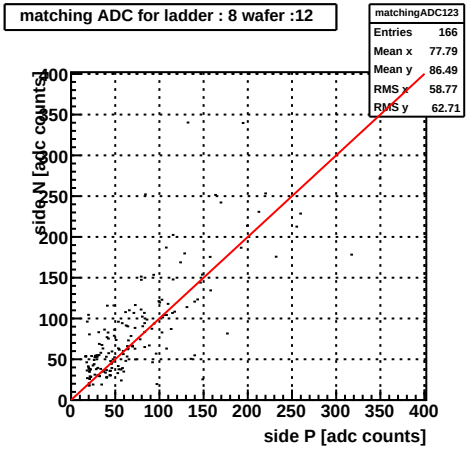

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 138
Mean x 87.29
Mean y 91.08
RMS x 62.63
RMS y 60.91
side N [adc counts]
side P [adc counts]

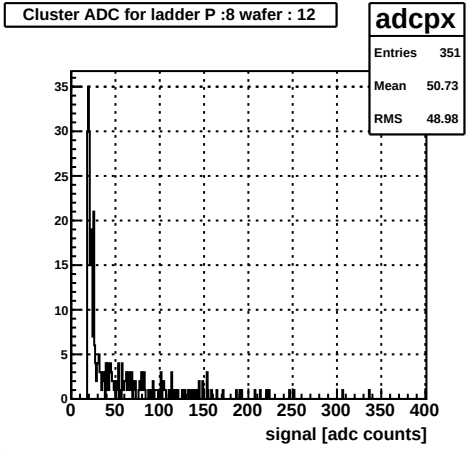

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 201
Mean 77.56
RMS 66.43
signal [adc counts]

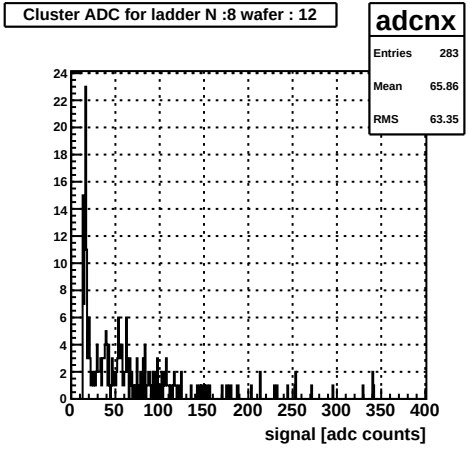

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 713
Mean 43.23
RMS 50.72
signal [adc counts]

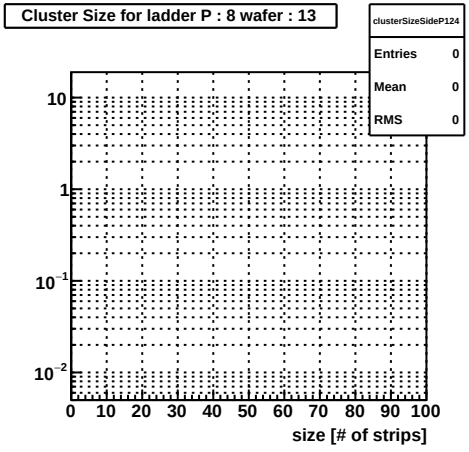

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 351
Mean 1.288
RMS 0.7471
size [# of strips]

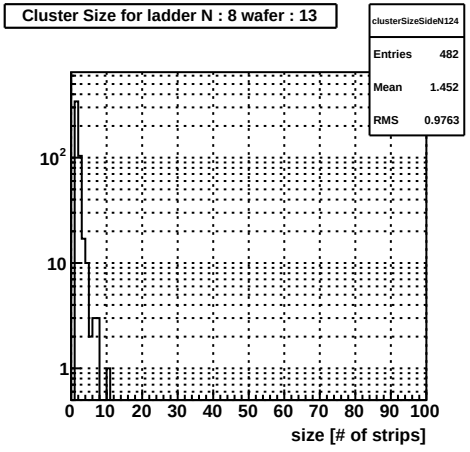

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 283
Mean 1.473
RMS 0.8788
size [# of strips]

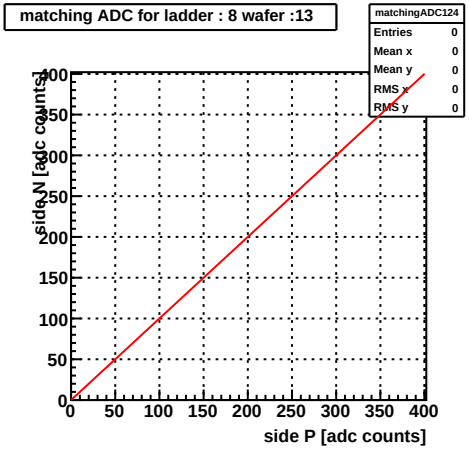

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 166
Mean x 77.79
Mean y 86.49
RMS x 58.77
RMS y 62.71
side N [adc counts]
side P [adc counts]

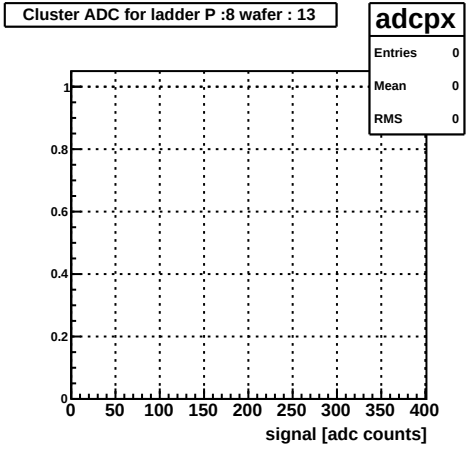

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 351
Mean 50.73
RMS 48.98
signal [adc counts]

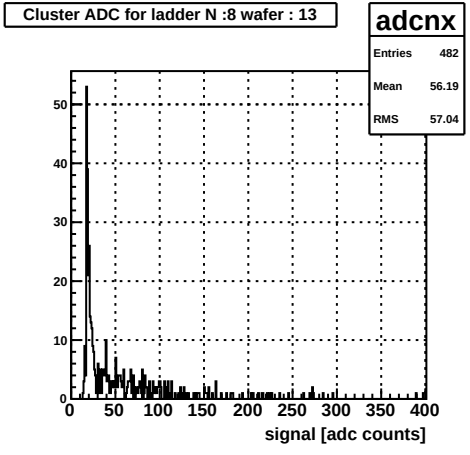

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 283
Mean 65.86
RMS 63.35
signal [adc counts]

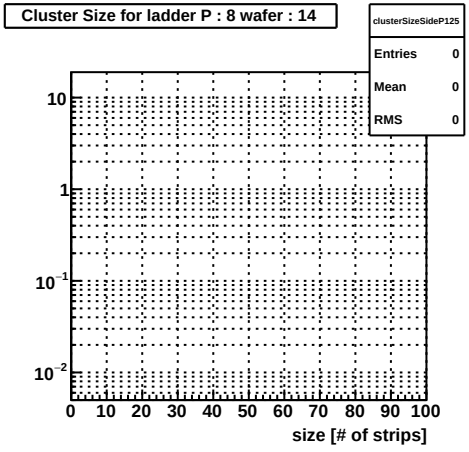

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

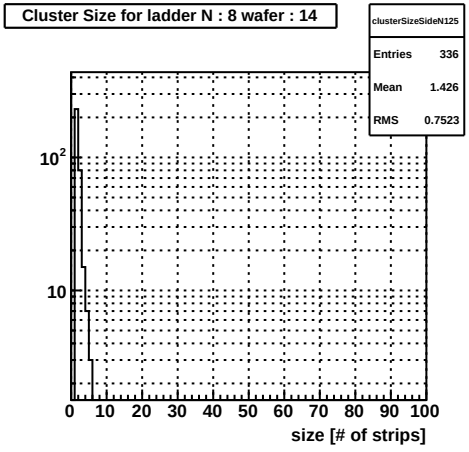

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 482
Mean 1.452
RMS 0.9763
size [# of strips]

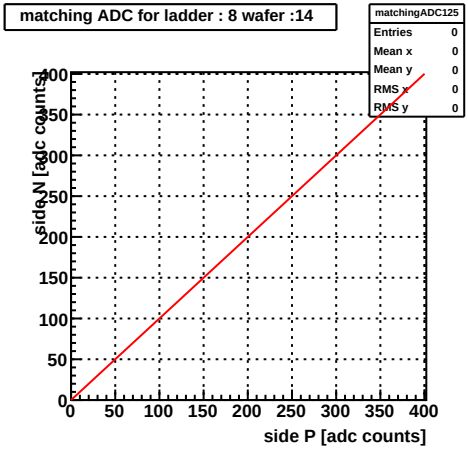

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

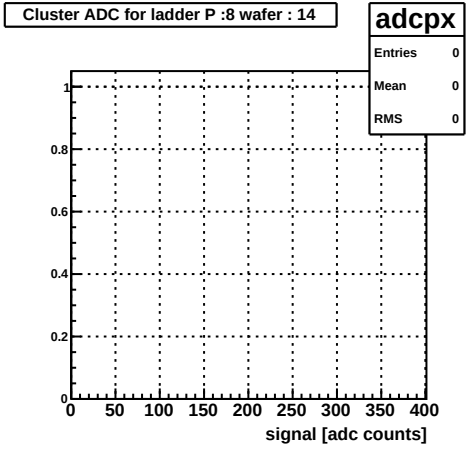

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

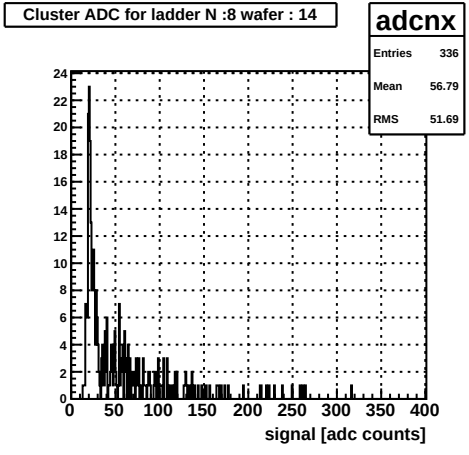

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 482
Mean 56.19
RMS 57.04
signal [adc counts]

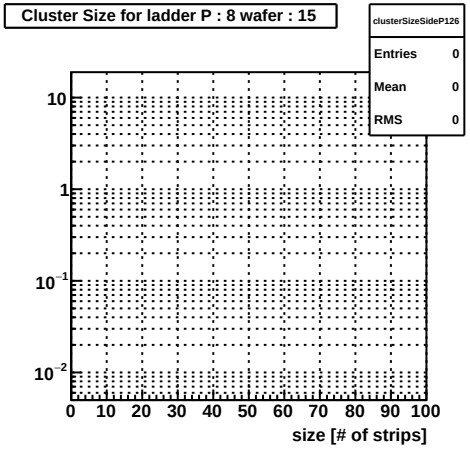

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

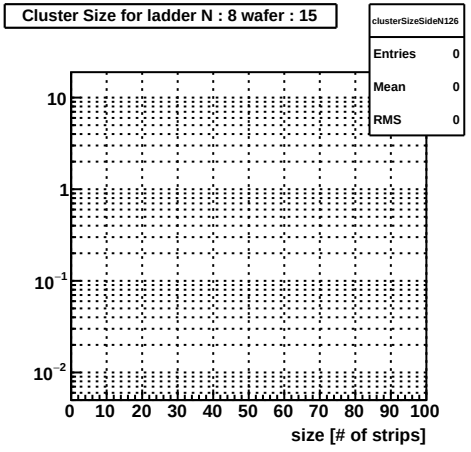

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 336
Mean 1.426
RMS 0.7523
size [# of strips]

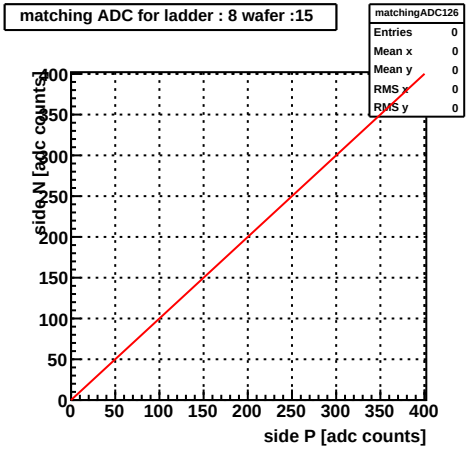

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

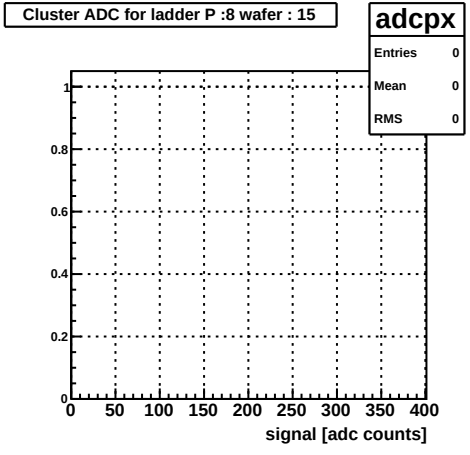

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

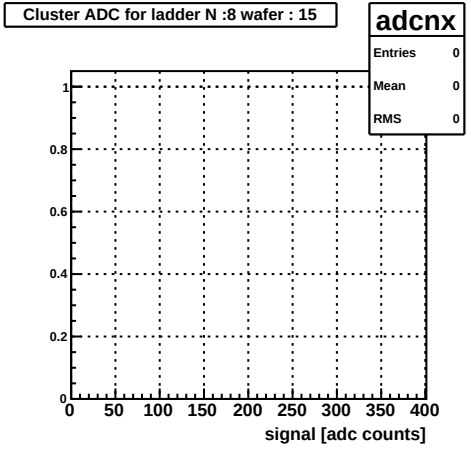

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 336
Mean 56.79
RMS 51.69
signal [adc counts]

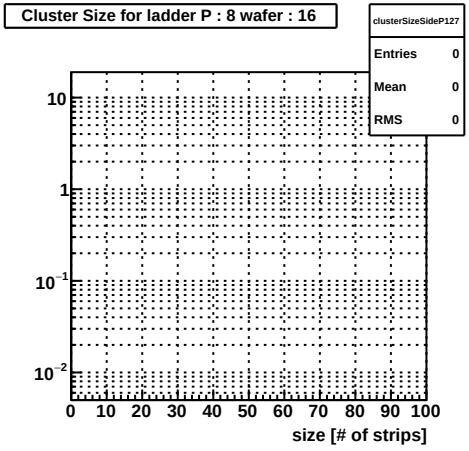

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

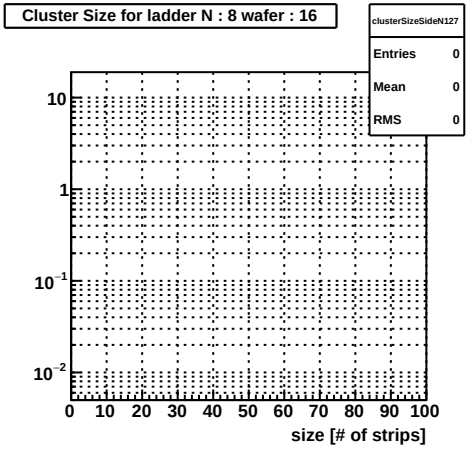

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

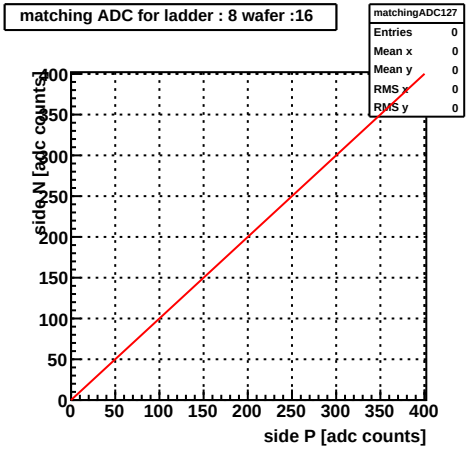

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

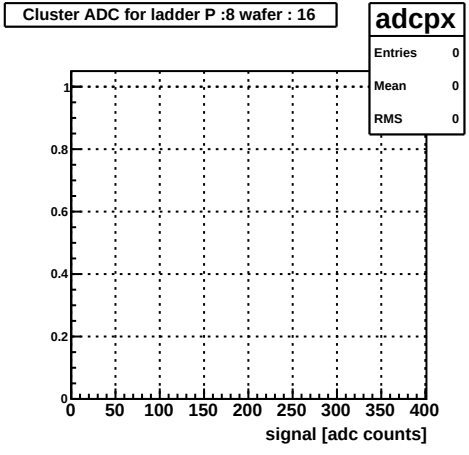

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

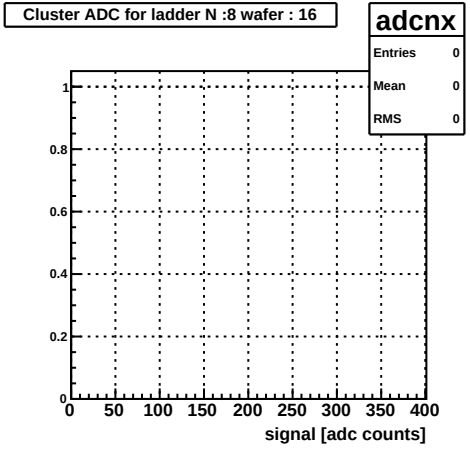

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

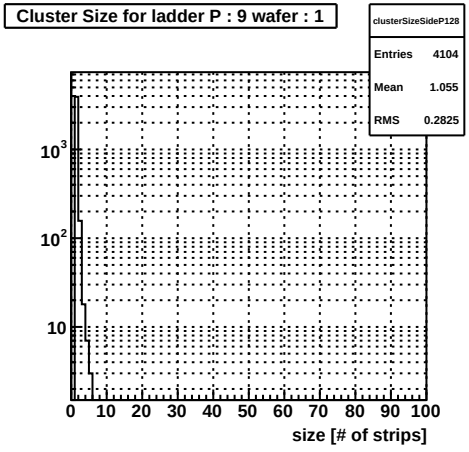

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

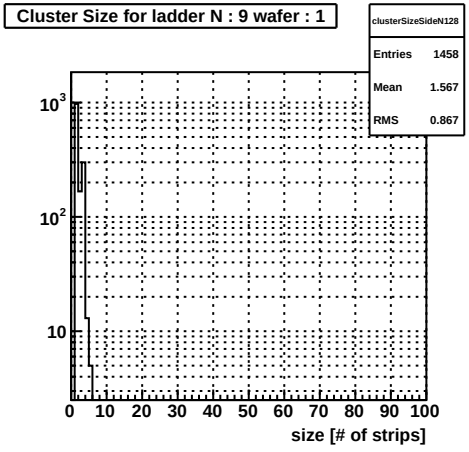

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

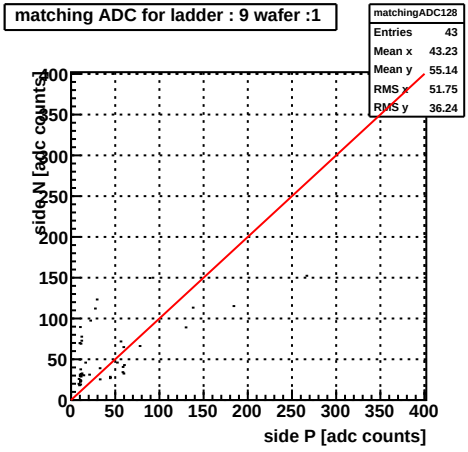

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

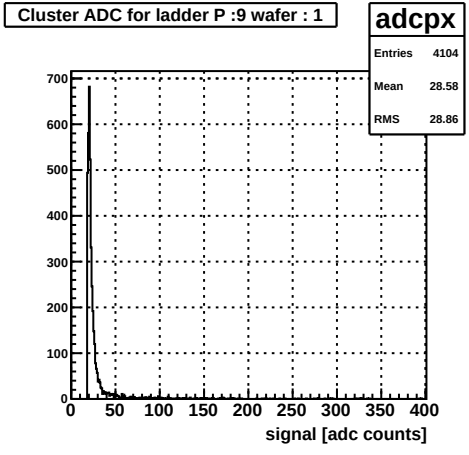

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

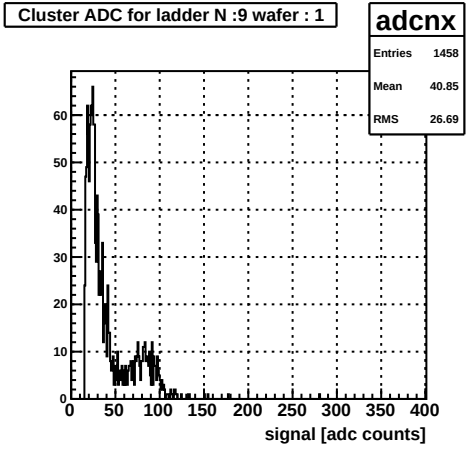

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

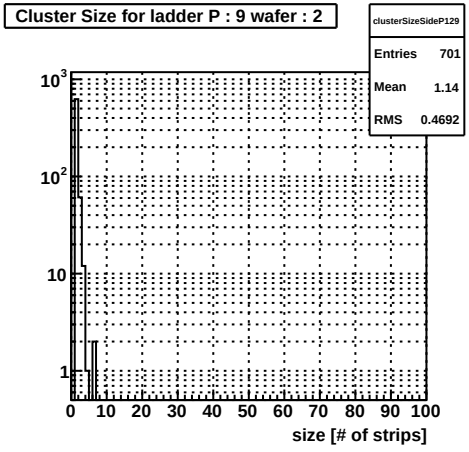

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 4104
Mean 1.055
RMS 0.2825
size [# of strips]

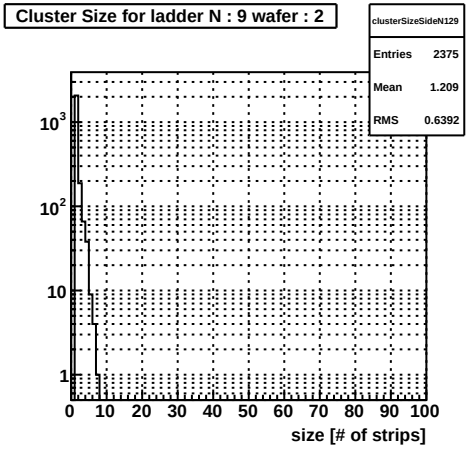

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 1458
Mean 1.567
RMS 0.867
size [# of strips]

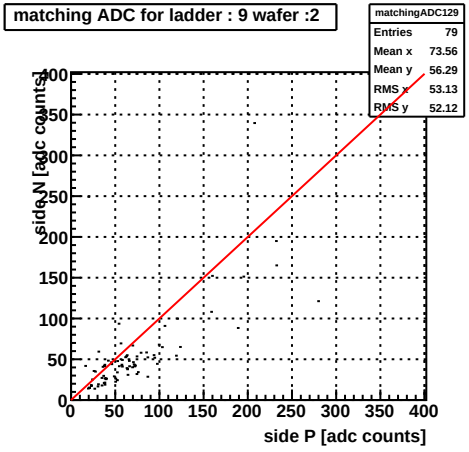

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 43
Mean x 43.23
Mean y 55.14
RMS x 51.75
RMS y 36.24
side N [adc counts]
side P [adc counts]

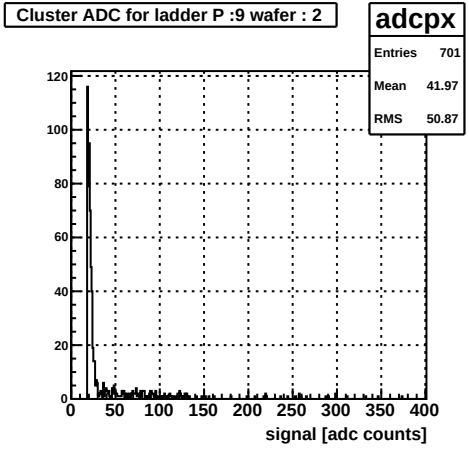

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 4104
Mean 28.58
RMS 28.86
signal [adc counts]

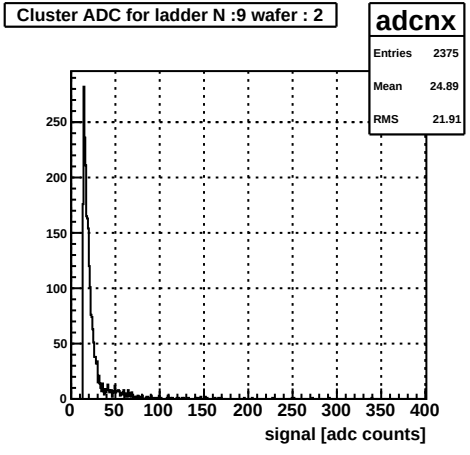

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 1458
Mean 40.85
RMS 26.69
signal [adc counts]

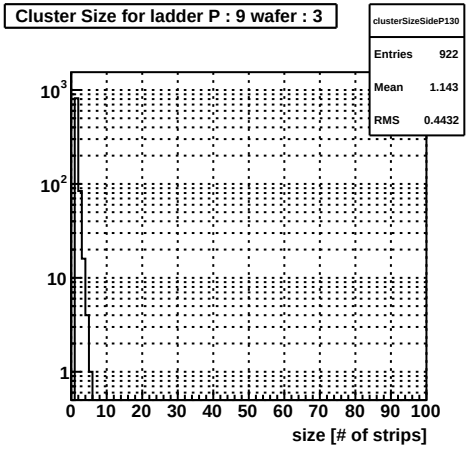

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 701
Mean 1.14
RMS 0.4692
size [# of strips]

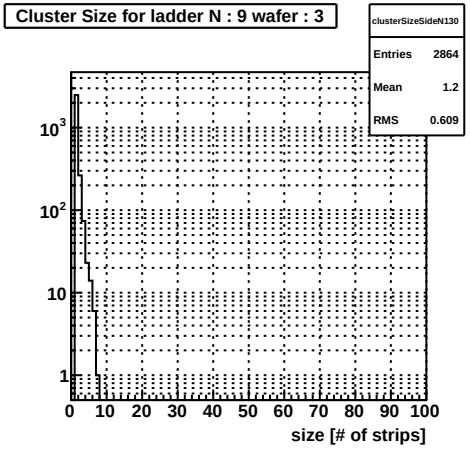

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 2375
Mean 1.209
RMS 0.6392
size [# of strips]

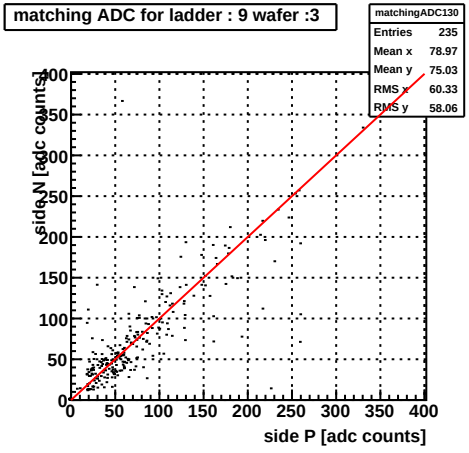

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 79
Mean x 73.56
Mean y 56.29
RMS x 53.13
RMS y 52.12
side N [adc counts]
side P [adc counts]

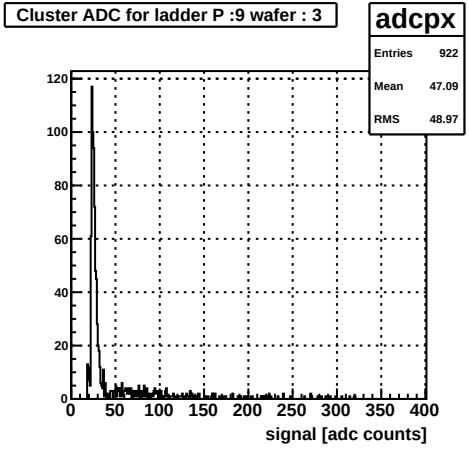

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 701
Mean 41.97
RMS 50.87
signal [adc counts]

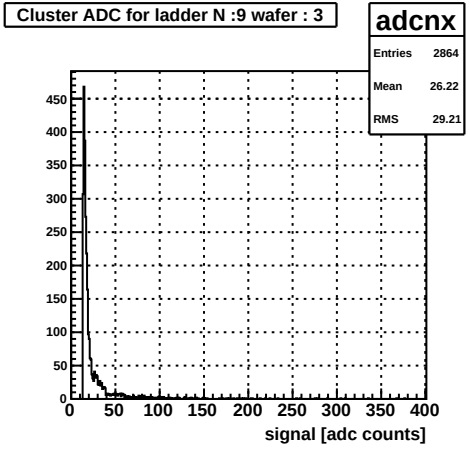

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 2375
Mean 24.89
RMS 21.91
signal [adc counts]

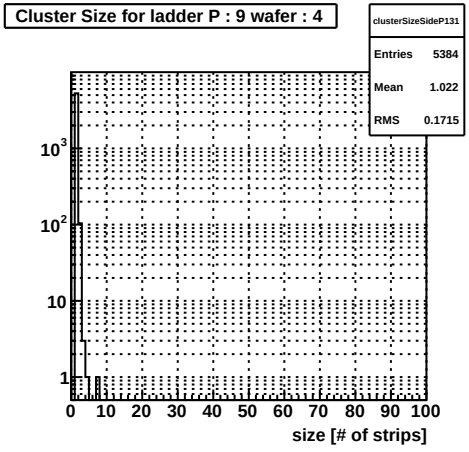

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 922
Mean 1.143
RMS 0.4432
size [# of strips]

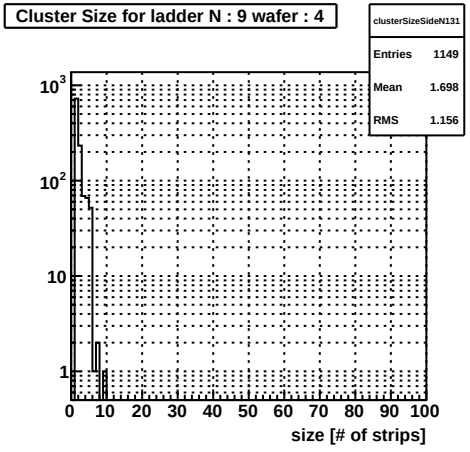

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 2864
Mean 1.2
RMS 0.609
size [# of strips]

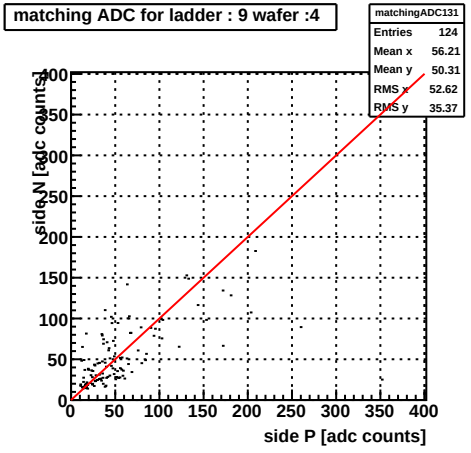

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 235
Mean x 78.97
Mean y 75.03
RMS x 60.33
RMS y 58.06
side N [adc counts]
side P [adc counts]

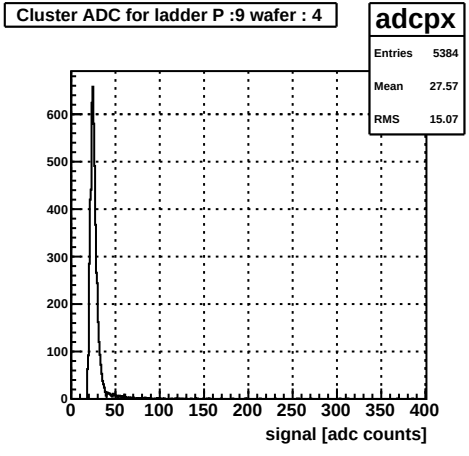

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 922
Mean 47.09
RMS 48.97
signal [adc counts]

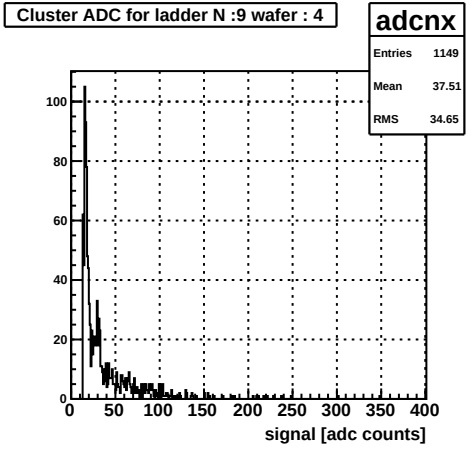

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 2864
Mean 26.22
RMS 29.21
signal [adc counts]

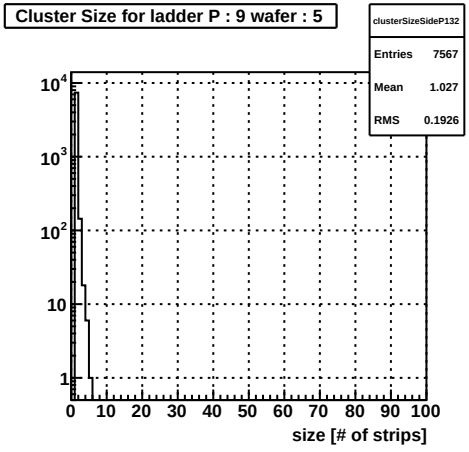

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 5384
Mean 1.022
RMS 0.1715
size [# of strips]

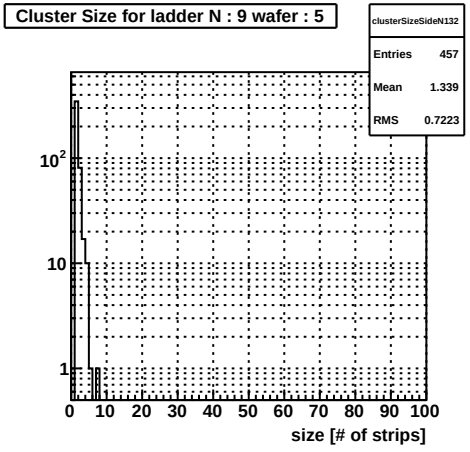

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 1149
Mean 1.698
RMS 1.156
size [# of strips]

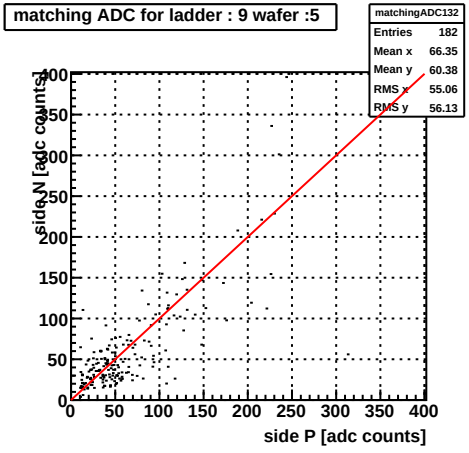

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 124
Mean x 56.21
Mean y 50.31
RMS x 52.62
RMS y 35.37
side N [adc counts]
side P [adc counts]

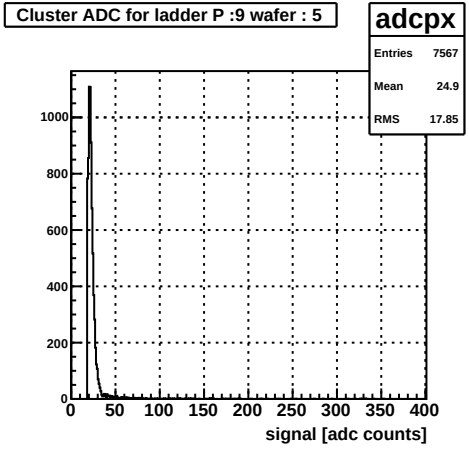

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 5384
Mean 27.57
RMS 15.07
signal [adc counts]

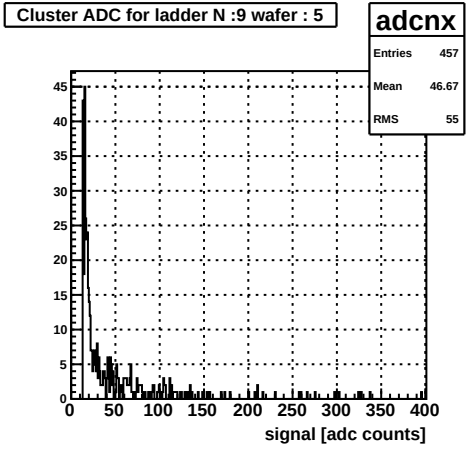

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 1149
Mean 37.51
RMS 34.65
signal [adc counts]

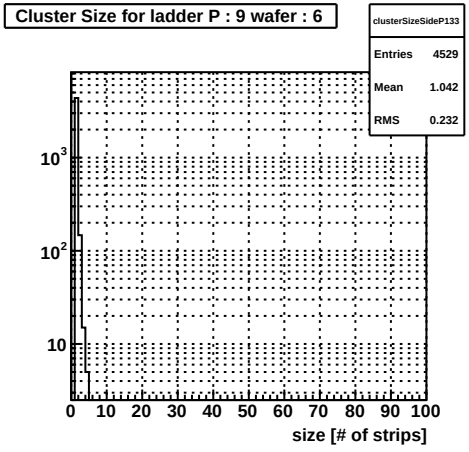

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 7567
Mean 1.027
RMS 0.1926
size [# of strips]

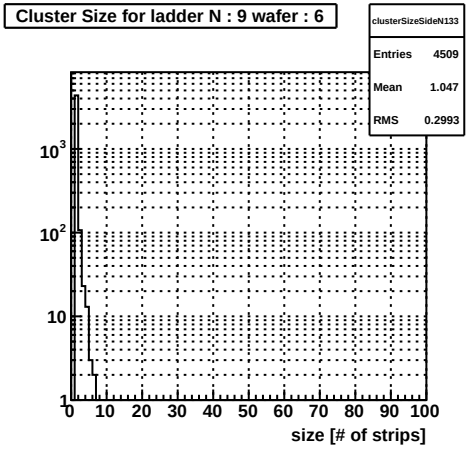

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 457
Mean 1.339
RMS 0.7223
size [# of strips]

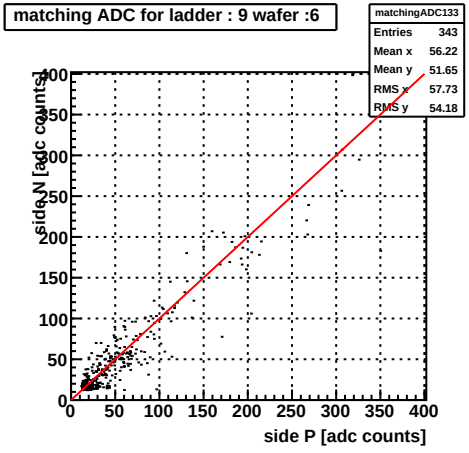

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 182
Mean x 66.35
Mean y 60.38
RMS x 55.06
RMS y 56.13
side N [adc counts]
side P [adc counts]

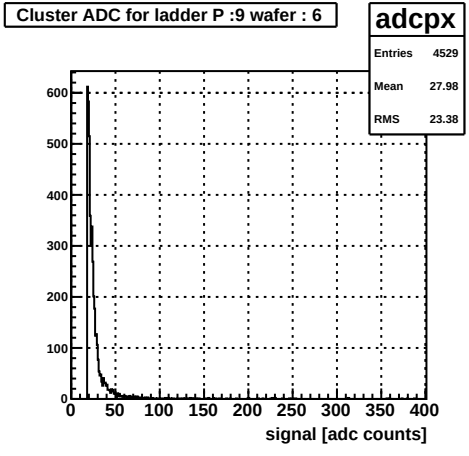

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 7567
Mean 24.9
RMS 17.85
signal [adc counts]

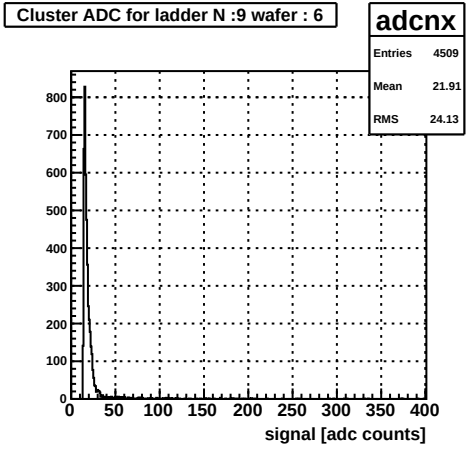

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 457
Mean 46.67
RMS 55
signal [adc counts]

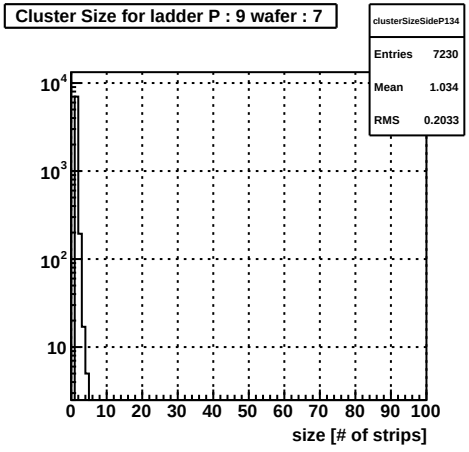

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 4529
Mean 1.042
RMS 0.232
size [# of strips]

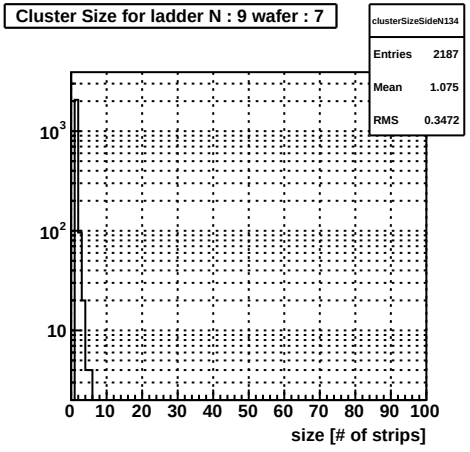

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 4509
Mean 1.047
RMS 0.2993
size [# of strips]

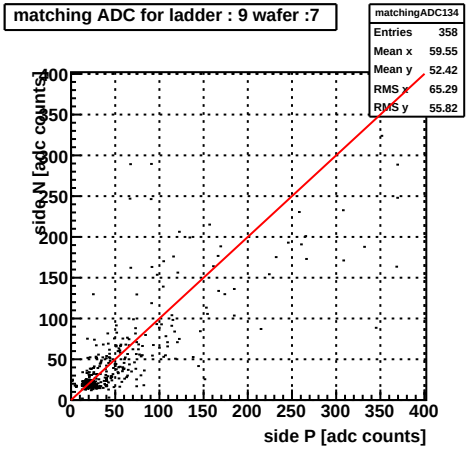

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 343
Mean x 56.22
Mean y 51.65
RMS x 57.73
RMS y 54.18
side N [adc counts]
side P [adc counts]

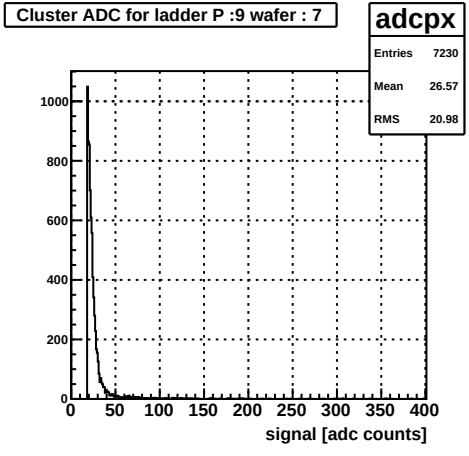

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 4529
Mean 27.98
RMS 23.38
signal [adc counts]

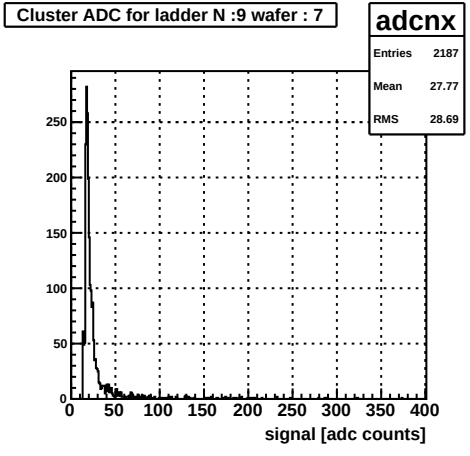

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 4509
Mean 21.91
RMS 24.13
signal [adc counts]

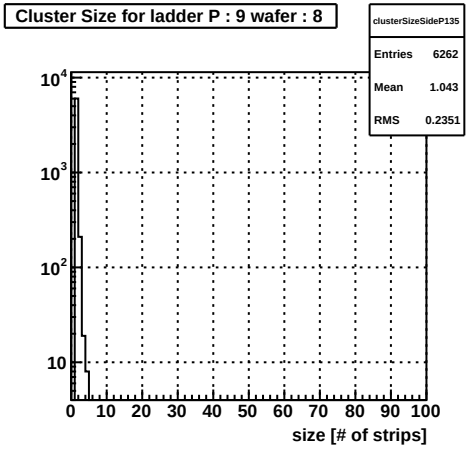

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 7230
Mean 1.034
RMS 0.2033
size [# of strips]

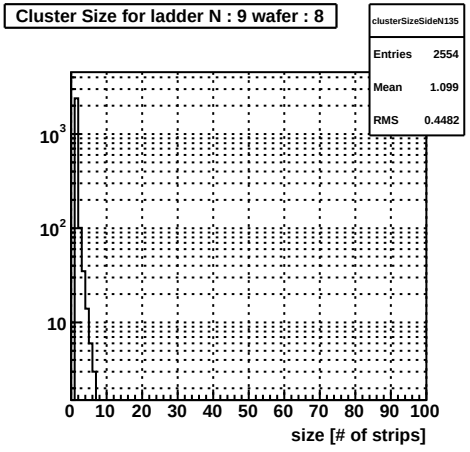

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 2187
Mean 1.075
RMS 0.3472
size [# of strips]

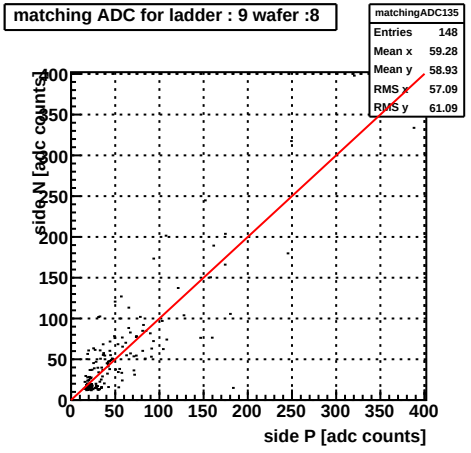

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 358
Mean x 59.55
Mean y 52.42
RMS x 65.29
RMS y 55.82
side N [adc counts]
side P [adc counts]

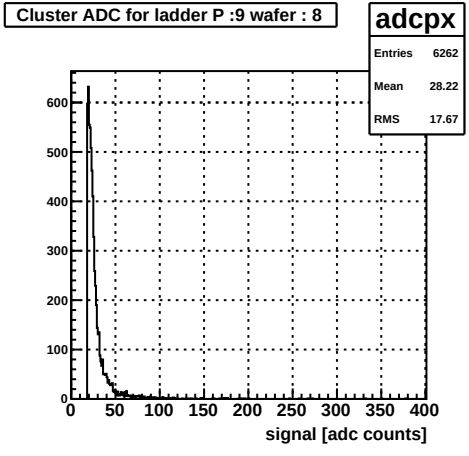

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 7230
Mean 26.57
RMS 20.98
signal [adc counts]

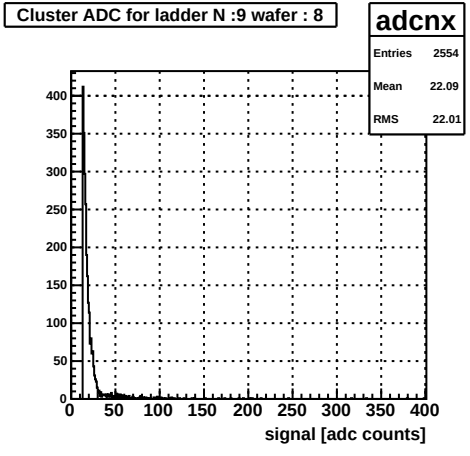

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 2187
Mean 27.77
RMS 28.69
signal [adc counts]

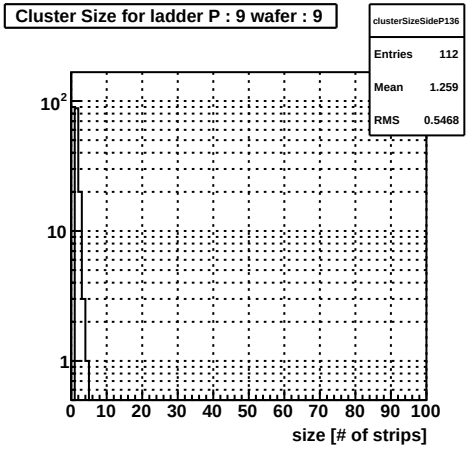

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 6262
Mean 1.043
RMS 0.2351
size [# of strips]

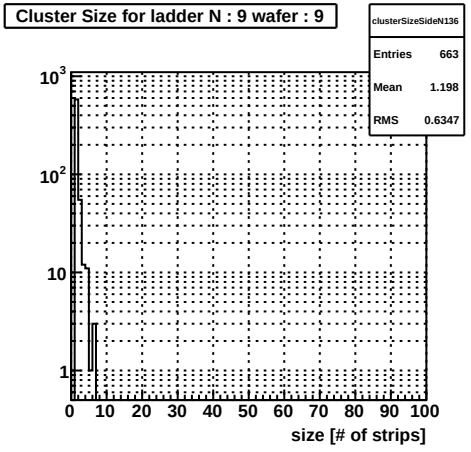

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 2554
Mean 1.099
RMS 0.4482
size [# of strips]

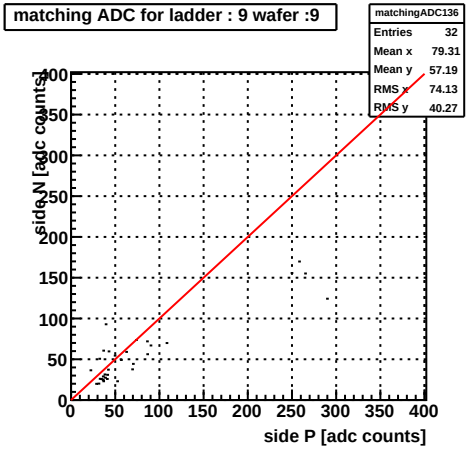

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 148
Mean x 59.28
Mean y 58.93
RMS x 57.09
RMS y 61.09
side N [adc counts]
side P [adc counts]

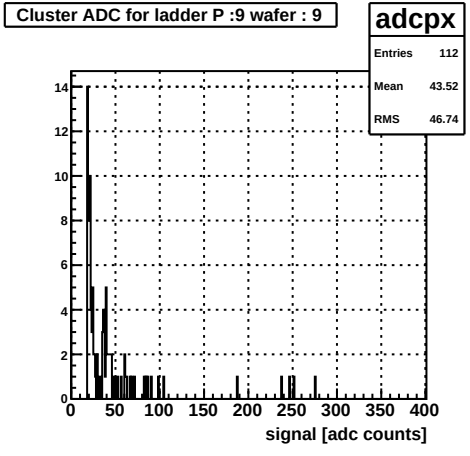

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 6262
Mean 28.22
RMS 17.67
signal [adc counts]

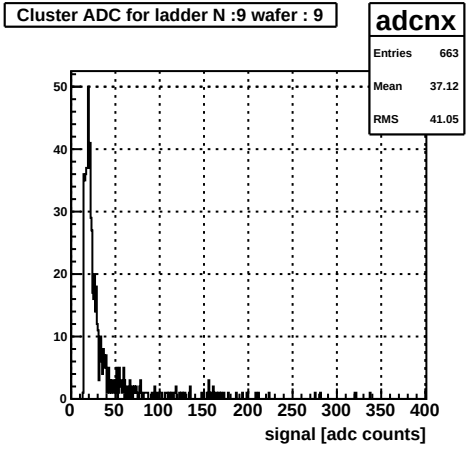

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 2554
Mean 22.09
RMS 22.01
signal [adc counts]

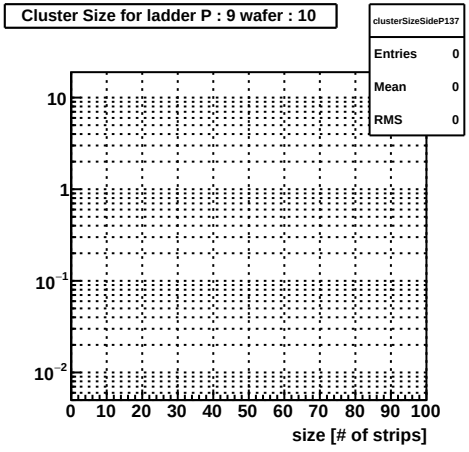

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 112
Mean 1.259
RMS 0.5468
size [# of strips]

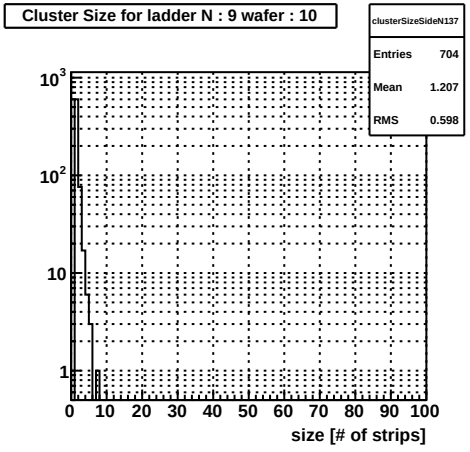

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 663
Mean 1.198
RMS 0.6347
size [# of strips]

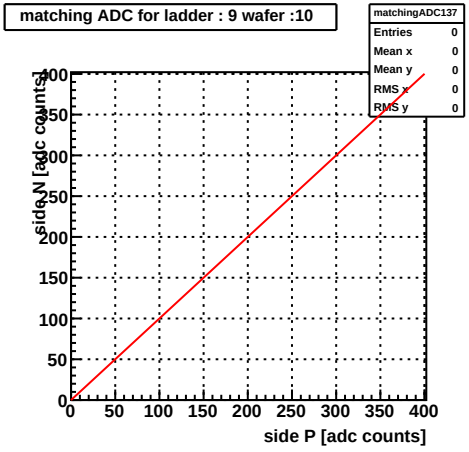

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 32
Mean x 79.31
Mean y 57.19
RMS x 74.13
RMS y 40.27
side N [adc counts]
side P [adc counts]

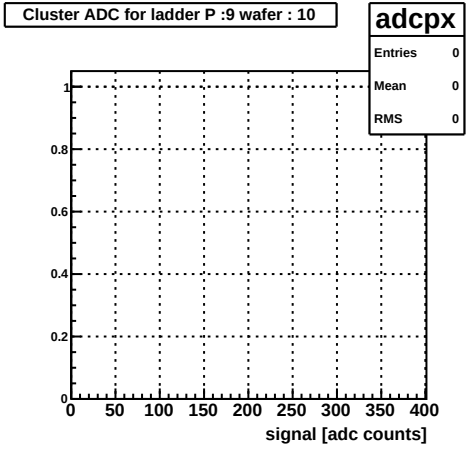

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 112
Mean 43.52
RMS 46.74
signal [adc counts]

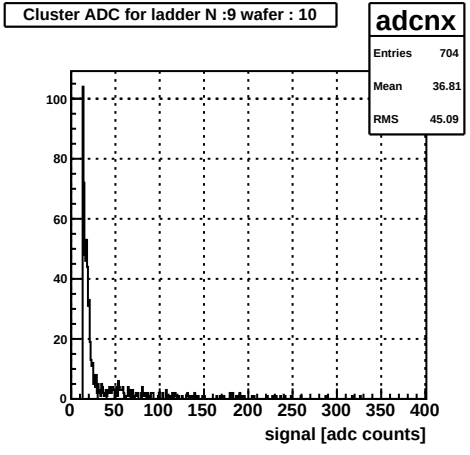

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 663
Mean 37.12
RMS 41.05
signal [adc counts]

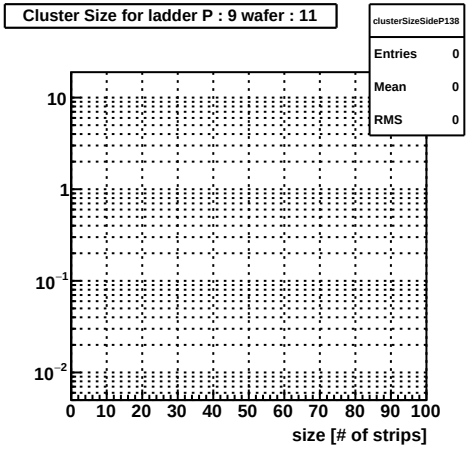

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

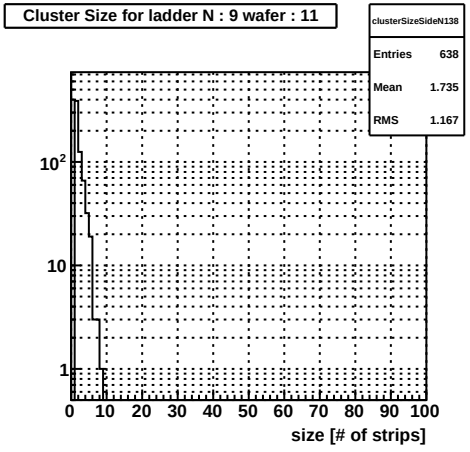

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 704
Mean 1.207
RMS 0.598
size [# of strips]

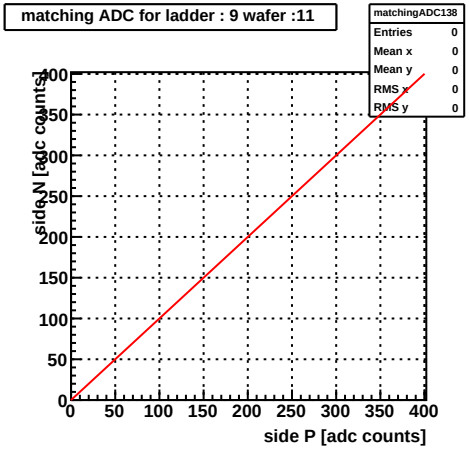

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

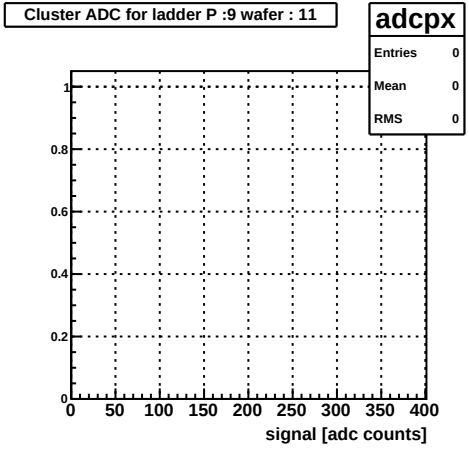

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

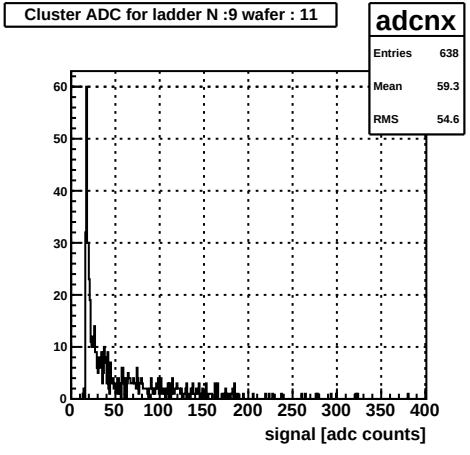

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 704
Mean 36.81
RMS 45.09
signal [adc counts]

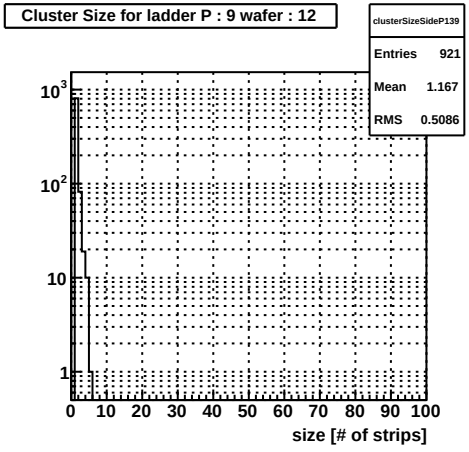

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

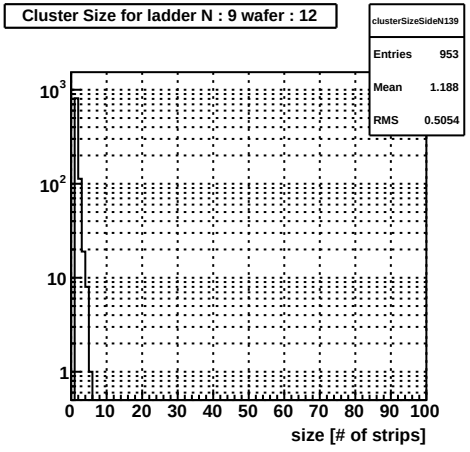

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 638
Mean 1.735
RMS 1.167
size [# of strips]

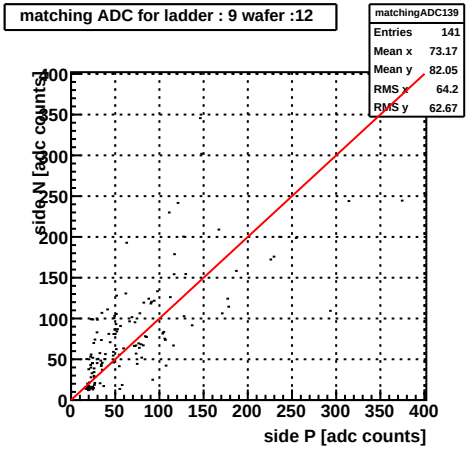

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

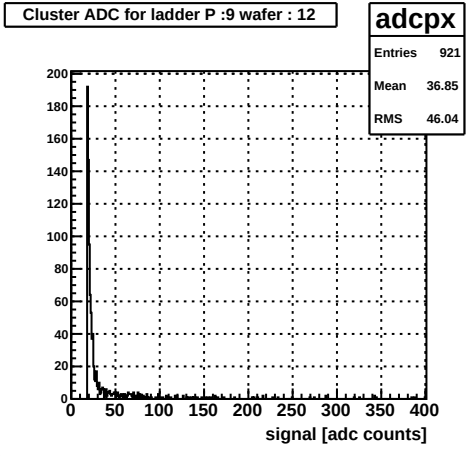

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

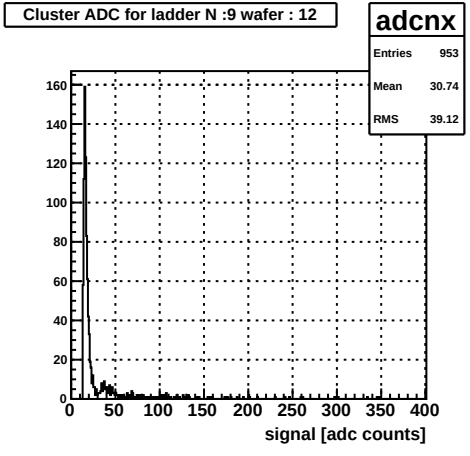

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 638
Mean 59.3
RMS 54.6
signal [adc counts]

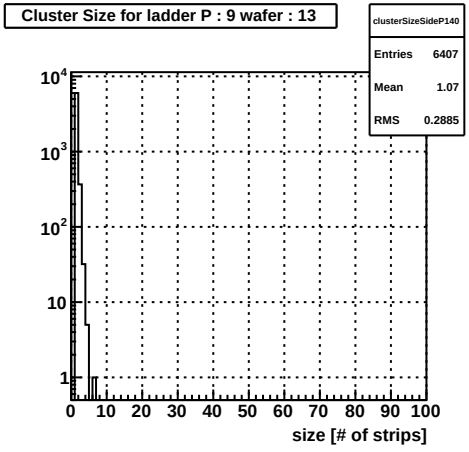

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 921
Mean 1.167
RMS 0.5086
size [# of strips]

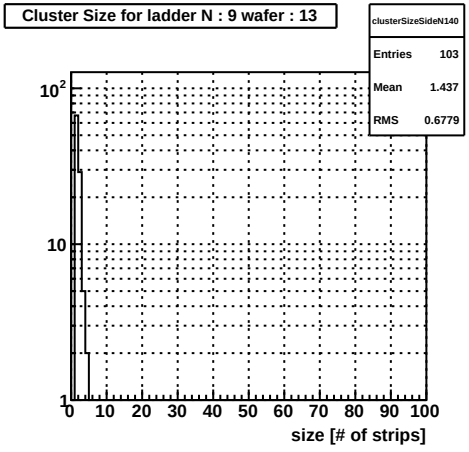

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 953
Mean 1.188
RMS 0.5054
size [# of strips]

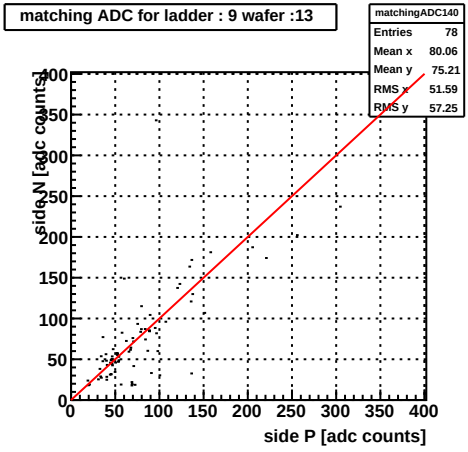

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 141
Mean x 73.17
Mean y 82.05
RMS x 64.2
RMS y 62.67
side N [adc counts]
side P [adc counts]

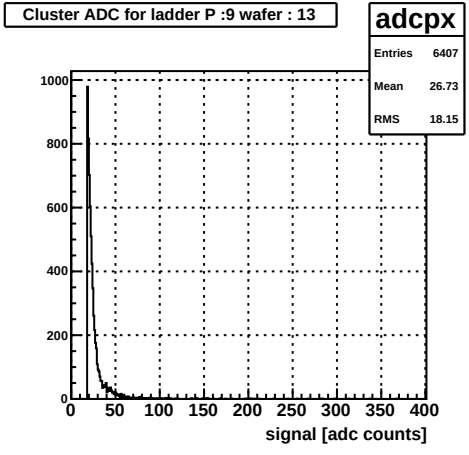

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 921
Mean 36.85
RMS 46.04
signal [adc counts]

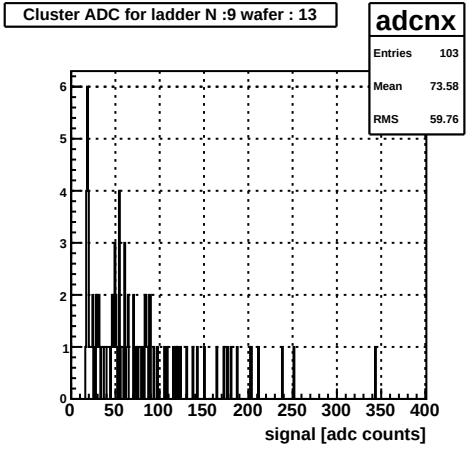

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 953
Mean 30.74
RMS 39.12
signal [adc counts]

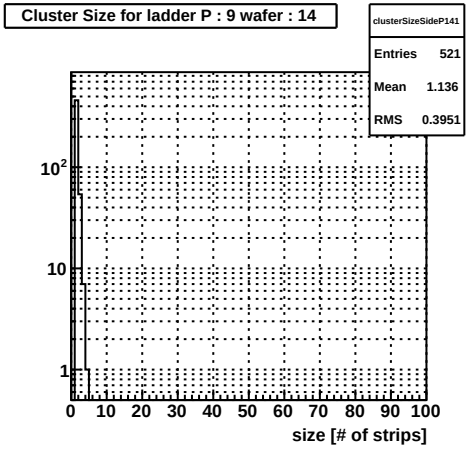

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 6407
Mean 1.07
RMS 0.2885
size [# of strips]

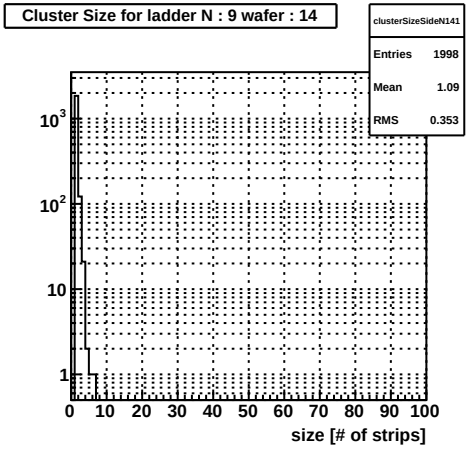

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 103
Mean 1.437
RMS 0.6779
size [# of strips]

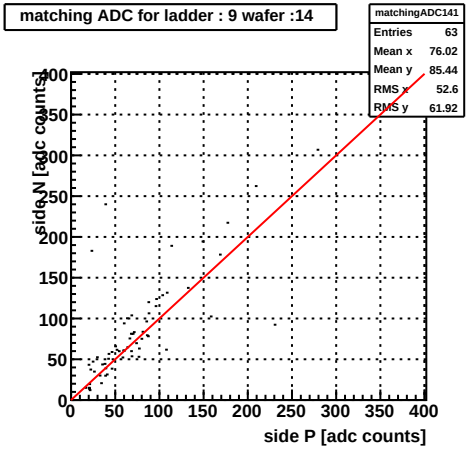

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 78
Mean x 80.06
Mean y 75.21
RMS x 51.59
RMS y 57.25
side N [adc counts]
side P [adc counts]

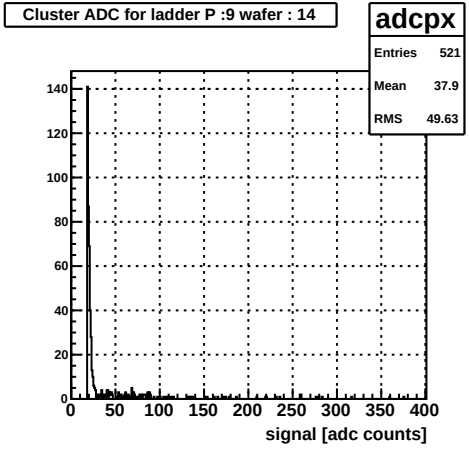

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 6407
Mean 26.73
RMS 18.15
signal [adc counts]

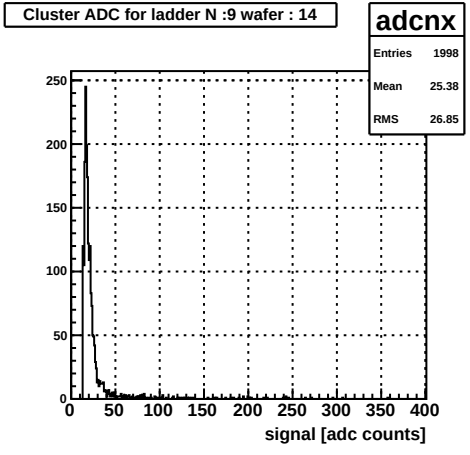

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 103
Mean 73.58
RMS 59.76
signal [adc counts]

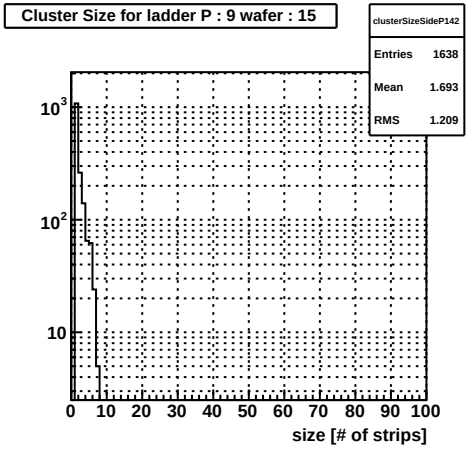

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 521
Mean 1.136
RMS 0.3951
size [# of strips]

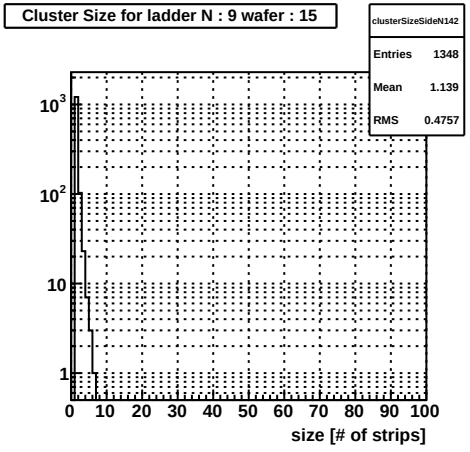

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 1998
Mean 1.09
RMS 0.353
size [# of strips]

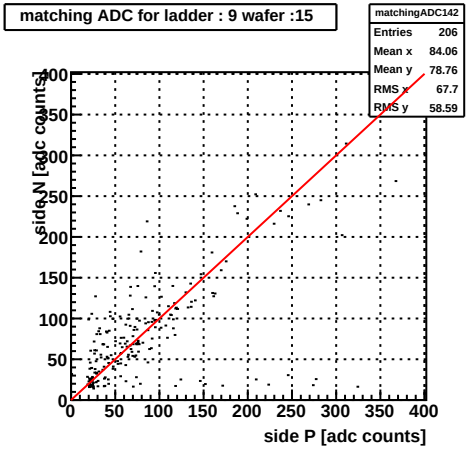

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 63
Mean x 76.02
Mean y 85.44
RMS x 52.6
RMS y 61.92
side N [adc counts]
side P [adc counts]

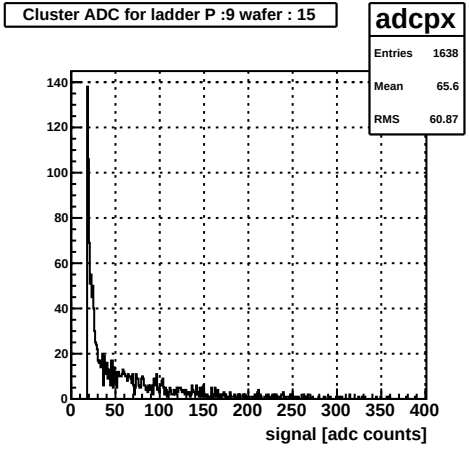

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 521
Mean 37.9
RMS 49.63
signal [adc counts]

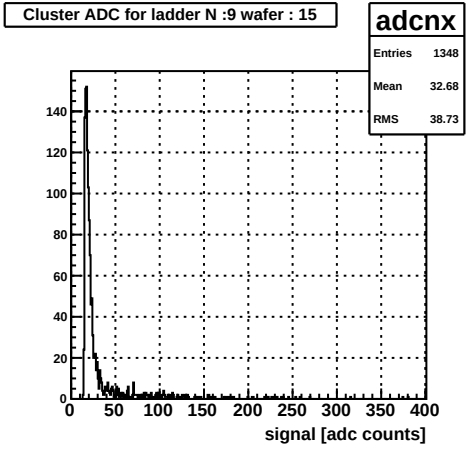

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 1998
Mean 25.38
RMS 26.85
signal [adc counts]

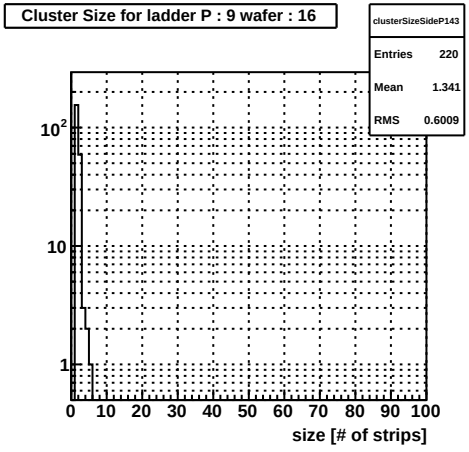

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 1638
Mean 1.693
RMS 1.209
size [# of strips]

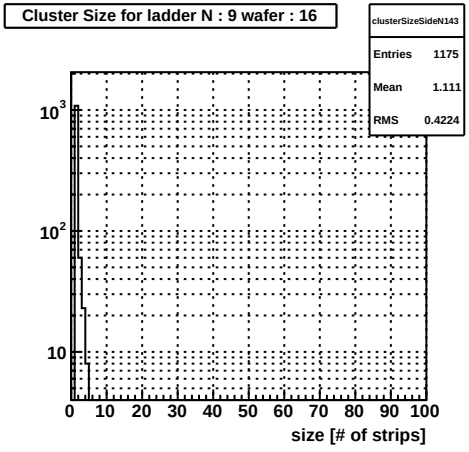

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 1348
Mean 1.139
RMS 0.4757
size [# of strips]

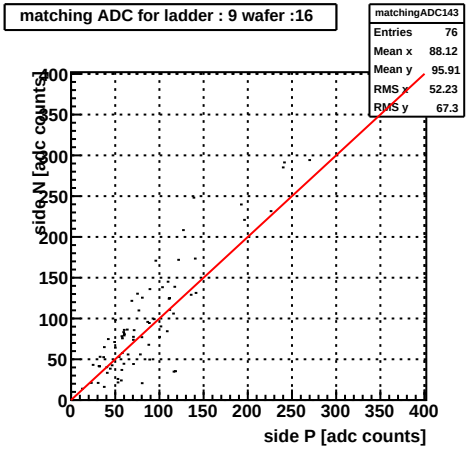

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 206
Mean x 84.06
Mean y 78.76
RMS x 67.7
RMS y 58.59
side N [adc counts]
side P [adc counts]

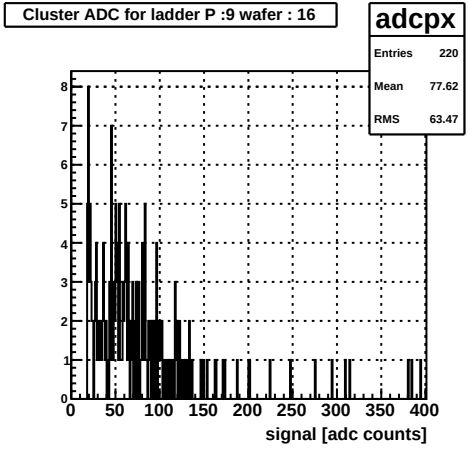

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 1638
Mean 65.6
RMS 60.87
signal [adc counts]

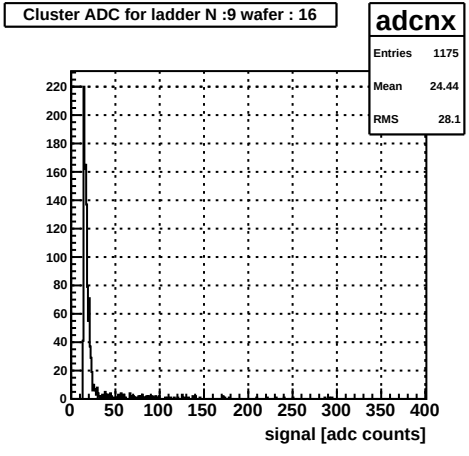

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 1348
Mean 32.68
RMS 38.73
signal [adc counts]

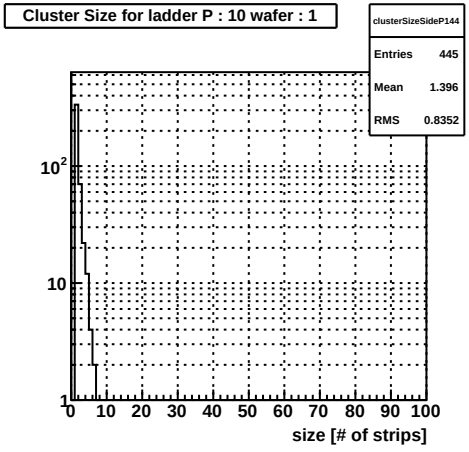

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 220
Mean 1.341
RMS 0.6009
size [# of strips]

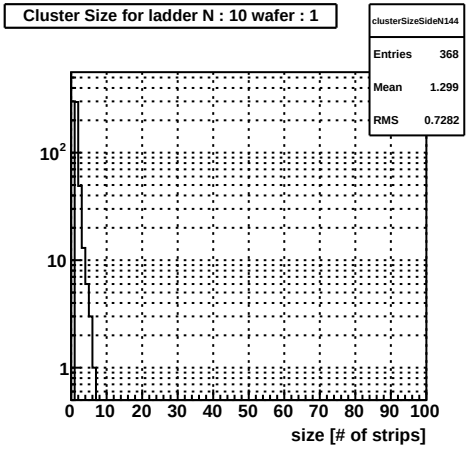

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 1175
Mean 1.111
RMS 0.4224
size [# of strips]

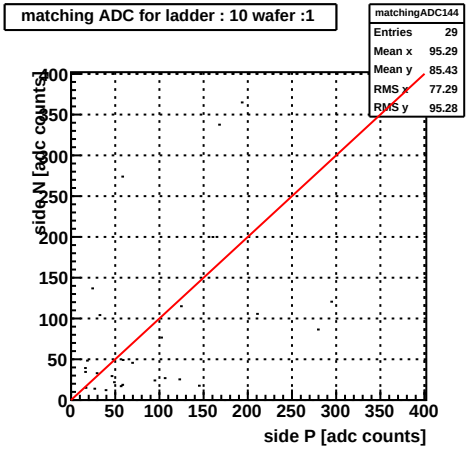

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 76
Mean x 88.12
Mean y 95.91
RMS x 52.23
RMS y 67.3
side N [adc counts]
side P [adc counts]

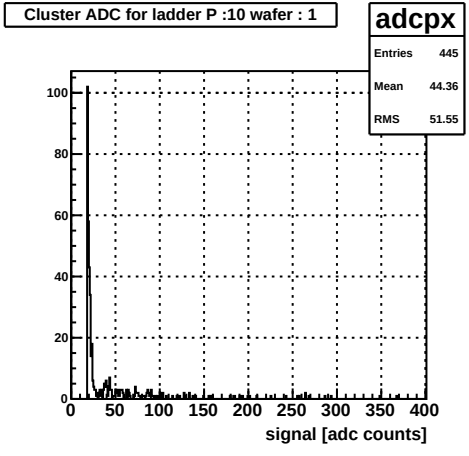

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 220
Mean 77.62
RMS 63.47
signal [adc counts]

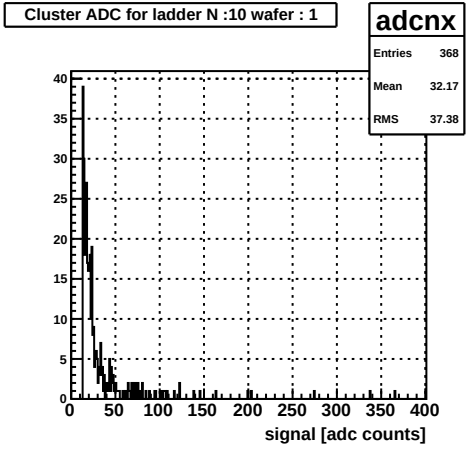

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 1175
Mean 24.44
RMS 28.1
signal [adc counts]

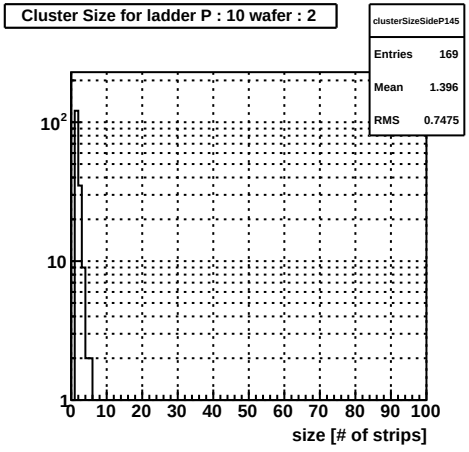

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 445
Mean 1.396
RMS 0.8352
size [# of strips]

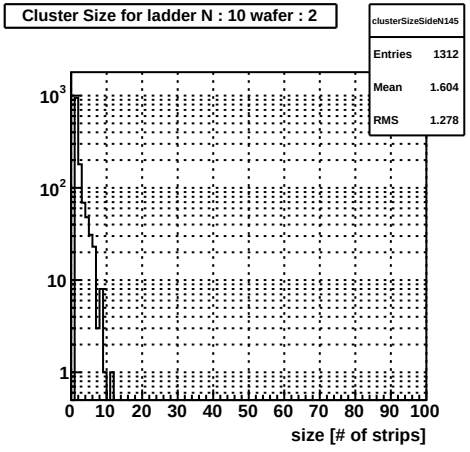

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 368
Mean 1.299
RMS 0.7282
size [# of strips]

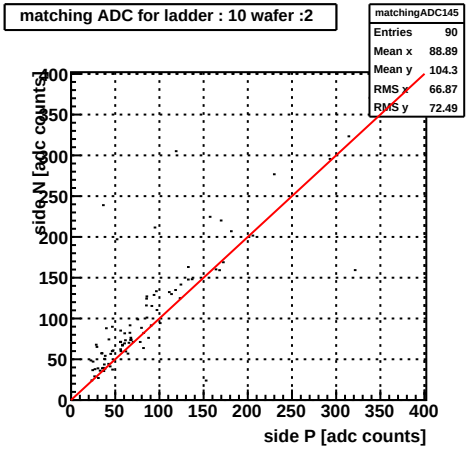

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 29
Mean x 95.29
Mean y 85.43
RMS x 77.29
RMS y 95.28
side N [adc counts]
side P [adc counts]

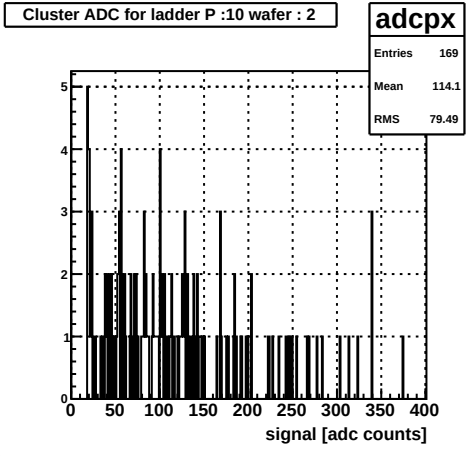

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 445
Mean 44.36
RMS 51.55
signal [adc counts]

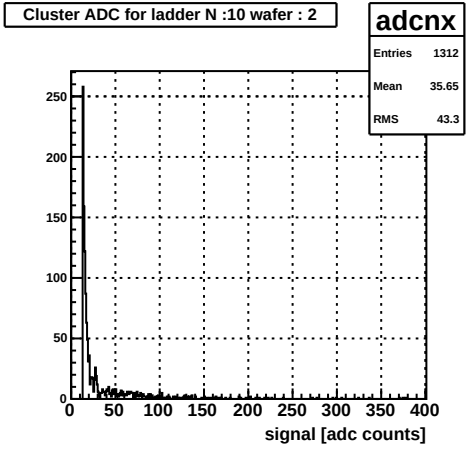

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 368
Mean 32.17
RMS 37.38
signal [adc counts]

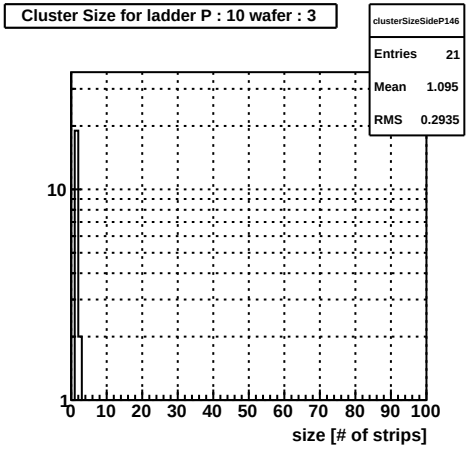

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 169
Mean 1.396
RMS 0.7475
size [# of strips]

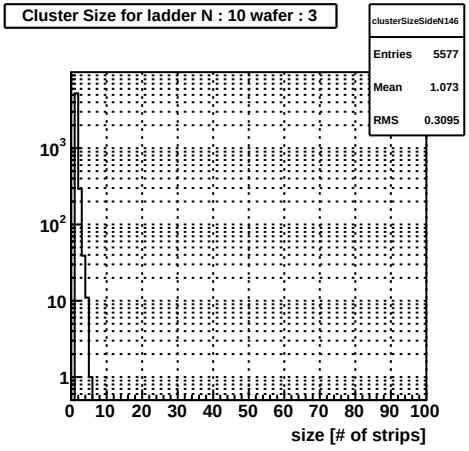

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 1312
Mean 1.604
RMS 1.278
size [# of strips]

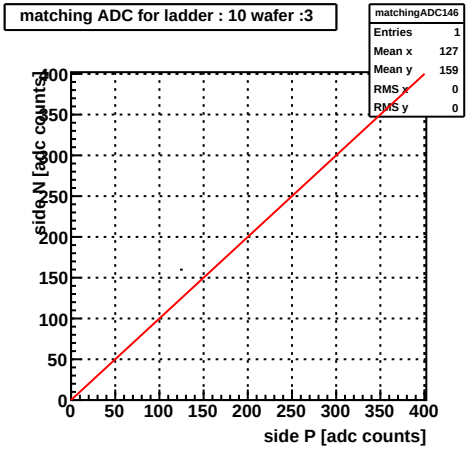

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 90
Mean x 88.89
Mean y 104.3
RMS x 66.87
RMS y 72.49
side N [adc counts]
side P [adc counts]

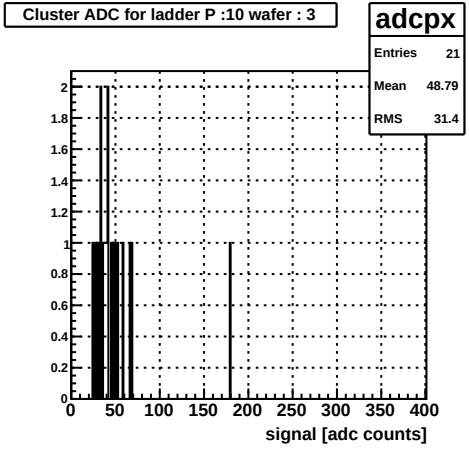

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 169
Mean 114.1
RMS 79.49
signal [adc counts]

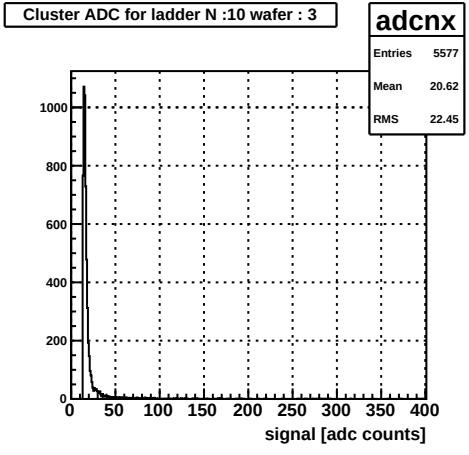

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 1312
Mean 35.65
RMS 43.3
signal [adc counts]

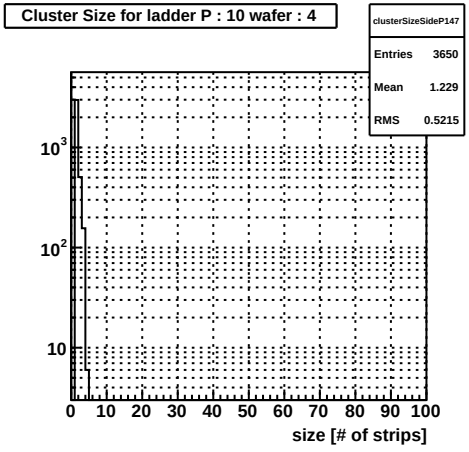

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 21
Mean 1.095
RMS 0.2935
size [# of strips]

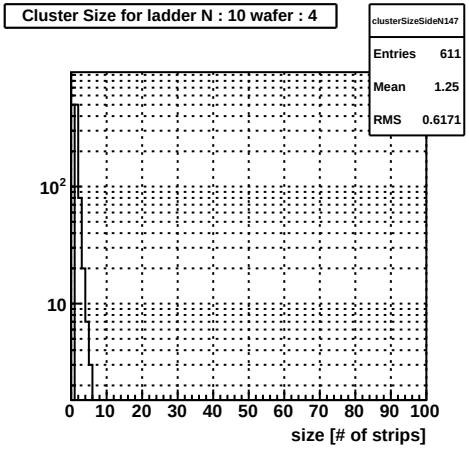

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 5577
Mean 1.073
RMS 0.3095
size [# of strips]

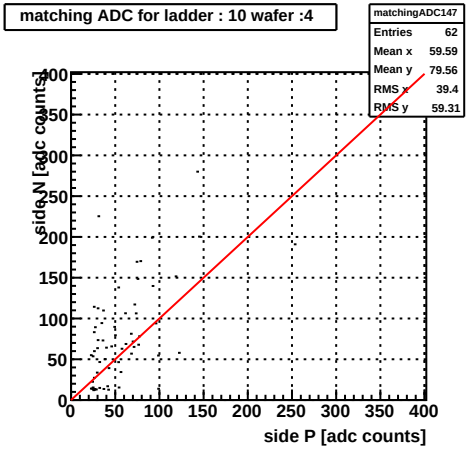

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 1
Mean x 127
Mean y 159
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

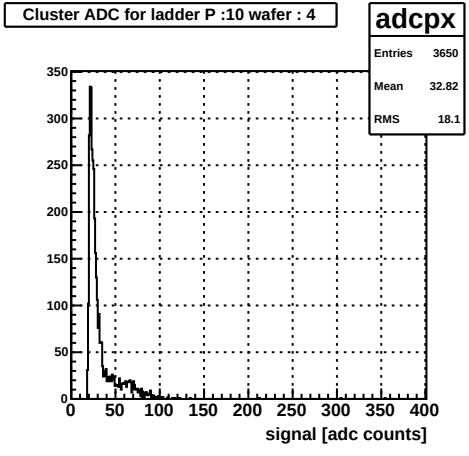

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 21
Mean 48.79
RMS 31.4
signal [adc counts]

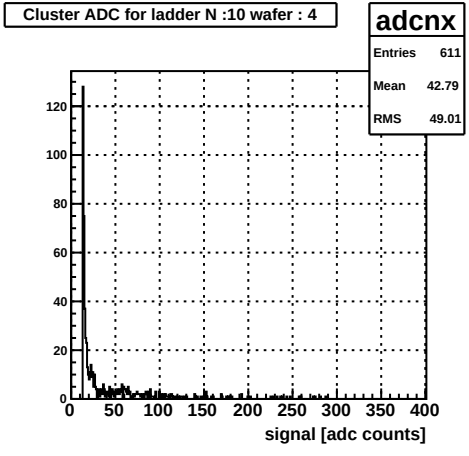

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 5577
Mean 20.62
RMS 22.45
signal [adc counts]

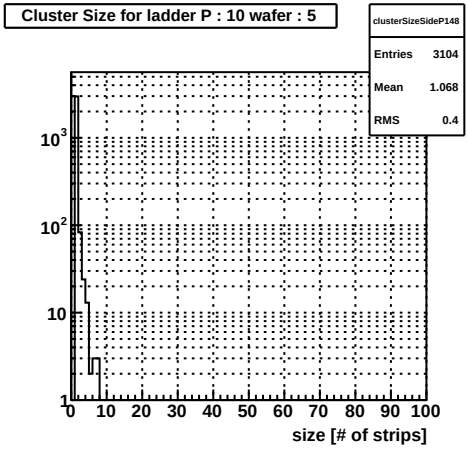

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 3650
Mean 1.229
RMS 0.5215
size [# of strips]

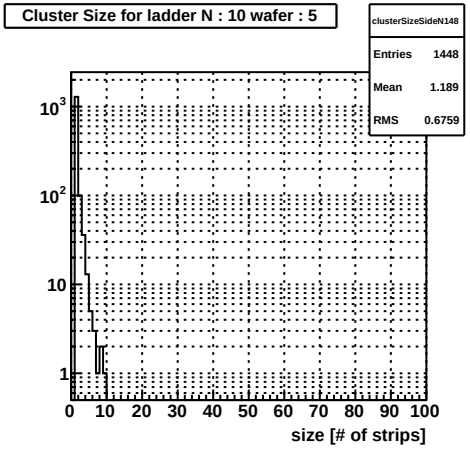

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 611
Mean 1.25
RMS 0.6171
size [# of strips]

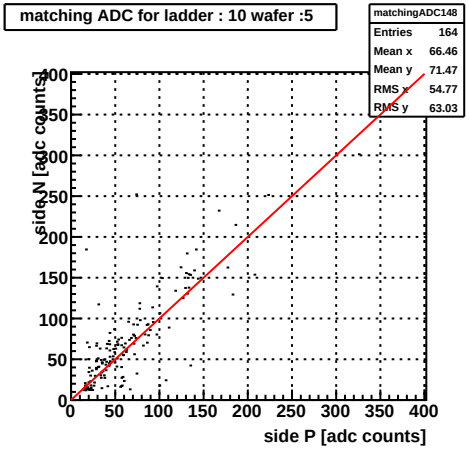

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 62
Mean x 59.59
Mean y 79.56
RMS x 39.4
RMS y 59.31
side N [adc counts]
side P [adc counts]

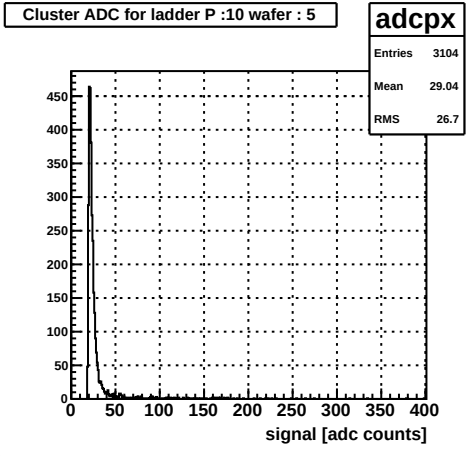

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 3650
Mean 32.82
RMS 18.1
signal [adc counts]

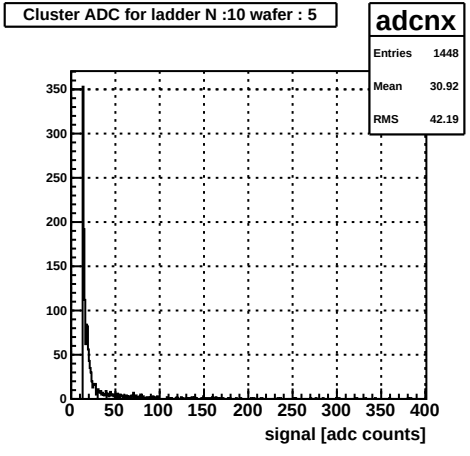

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 611
Mean 42.79
RMS 49.01
signal [adc counts]

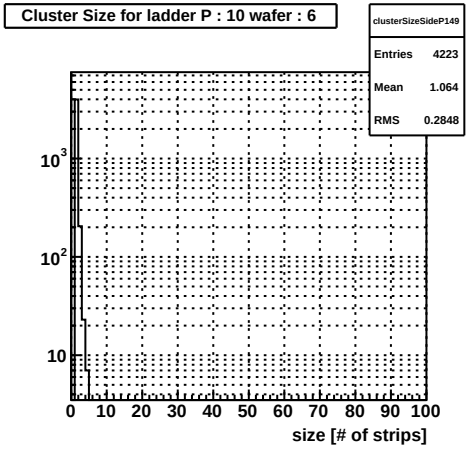

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 3104
Mean 1.068
RMS 0.4
size [# of strips]

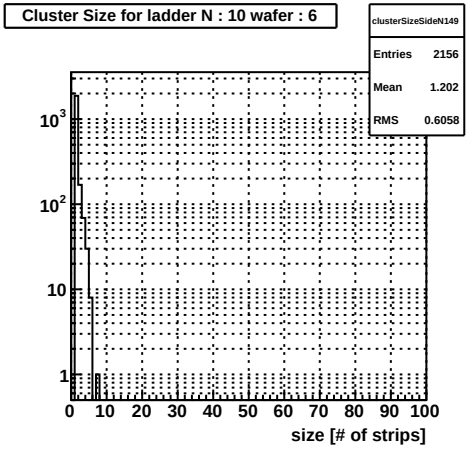

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1448
Mean 1.189
RMS 0.6759
size [# of strips]

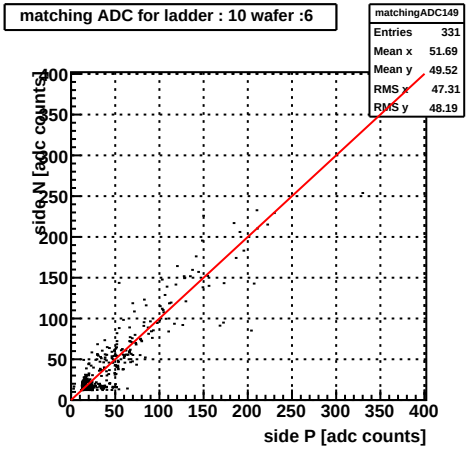

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 164
Mean x 66.46
Mean y 71.47
RMS x 54.77
RMS y 63.03
side N [adc counts]
side P [adc counts]

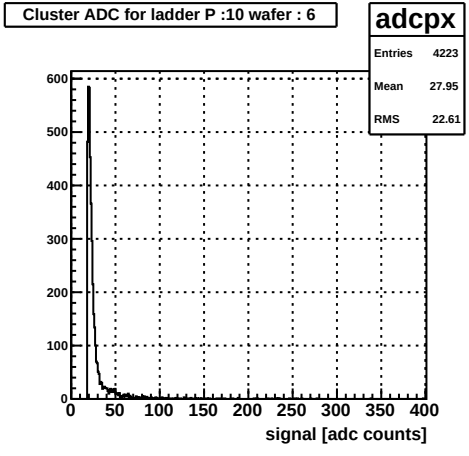

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 3104
Mean 29.04
RMS 26.7
signal [adc counts]

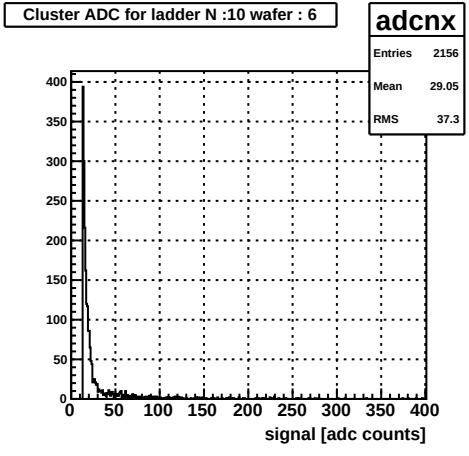

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1448
Mean 30.92
RMS 42.19
signal [adc counts]

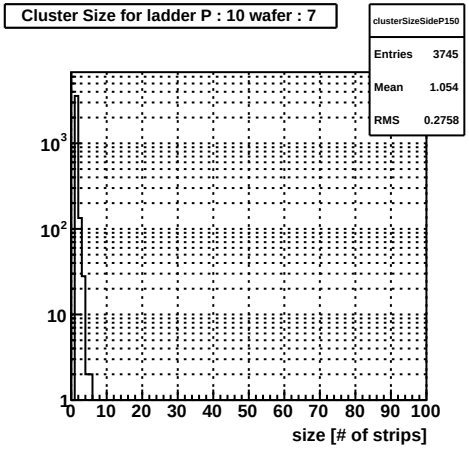

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 4223
Mean 1.064
RMS 0.2848
size [# of strips]

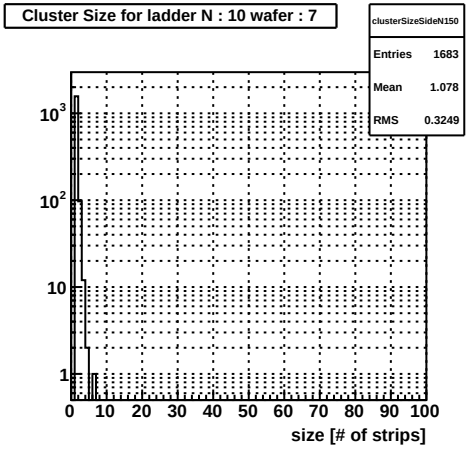

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 2156
Mean 1.202
RMS 0.6058
size [# of strips]

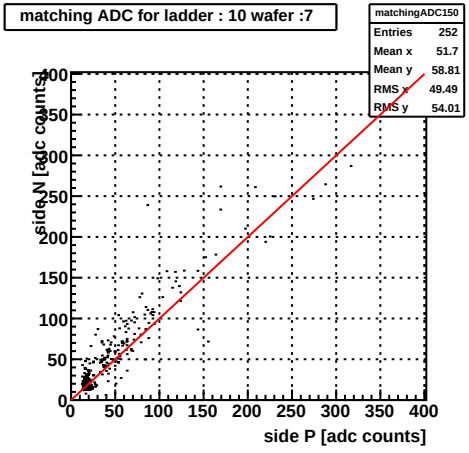

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 331
Mean x 51.69
Mean y 49.52
RMS x 47.31
RMS y 48.19
side N [adc counts]
side P [adc counts]

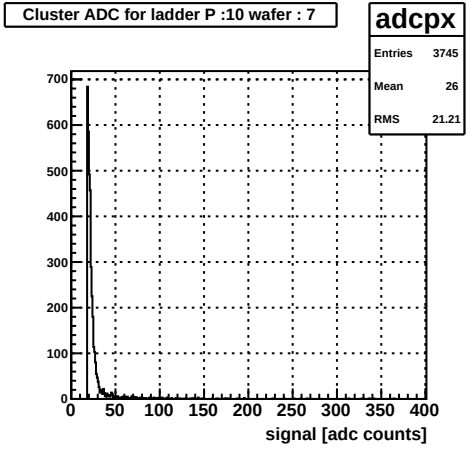

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 4223
Mean 27.95
RMS 22.61
signal [adc counts]

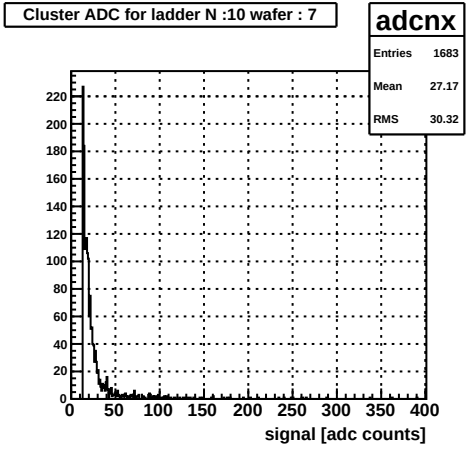

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 2156
Mean 29.05
RMS 37.3
signal [adc counts]

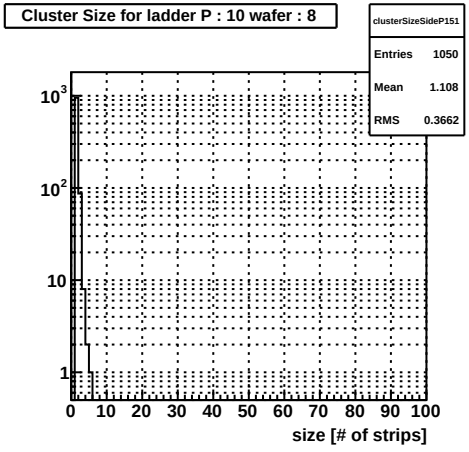

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 3745
Mean 1.054
RMS 0.2758
size [# of strips]

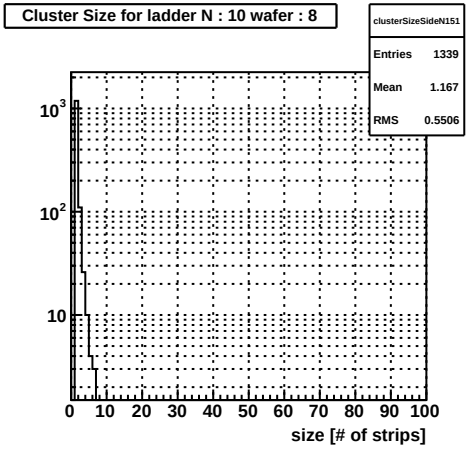

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 1683
Mean 1.078
RMS 0.3249
size [# of strips]

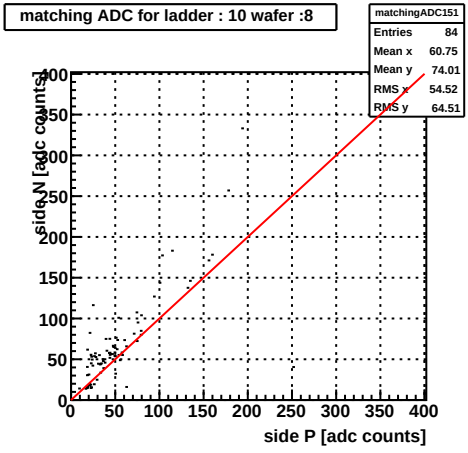

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 252
Mean x 51.7
Mean y 58.81
RMS x 49.49
RMS y 54.01
side N [adc counts]
side P [adc counts]

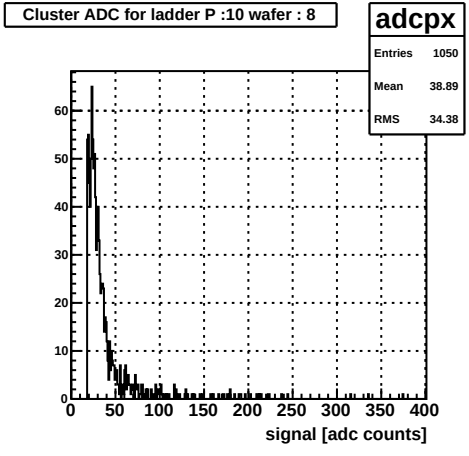

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 3745
Mean 26
RMS 21.21
signal [adc counts]

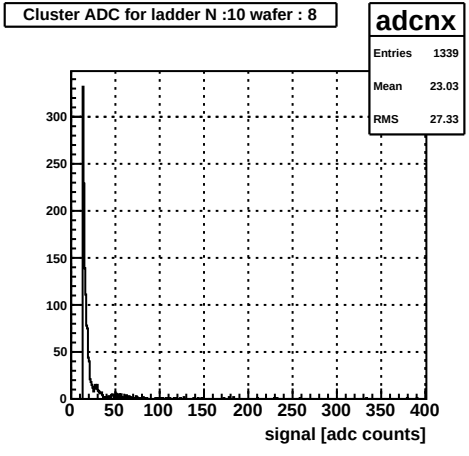

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 1683
Mean 27.17
RMS 30.32
signal [adc counts]

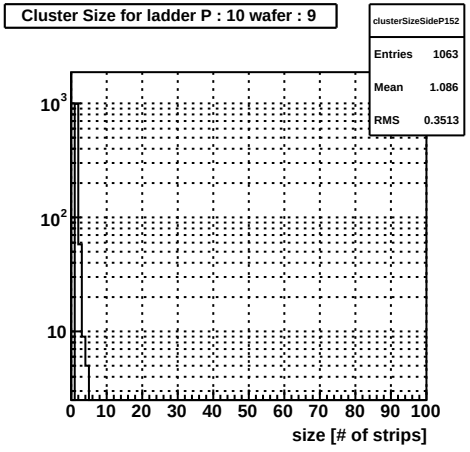

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 1050
Mean 1.108
RMS 0.3662
size [# of strips]

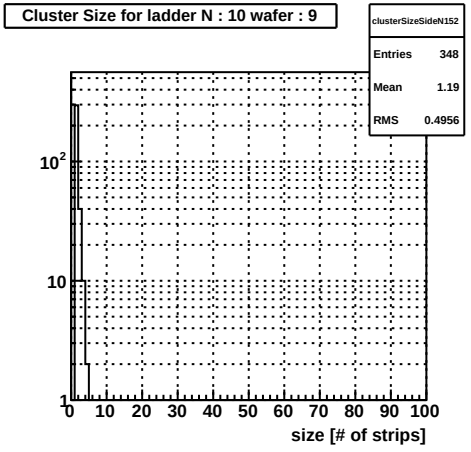

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 1339
Mean 1.167
RMS 0.5506
size [# of strips]

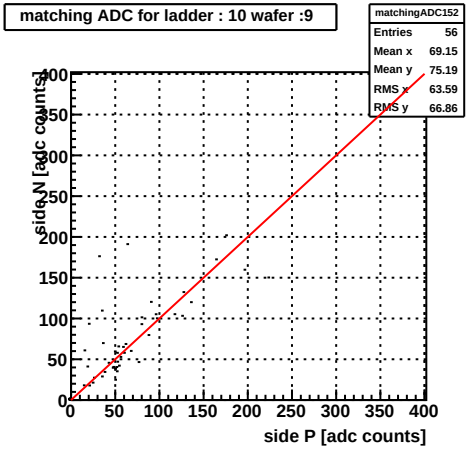

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 84
Mean x 60.75
Mean y 74.01
RMS x 54.52
RMS y 64.51
side N [adc counts]
side P [adc counts]

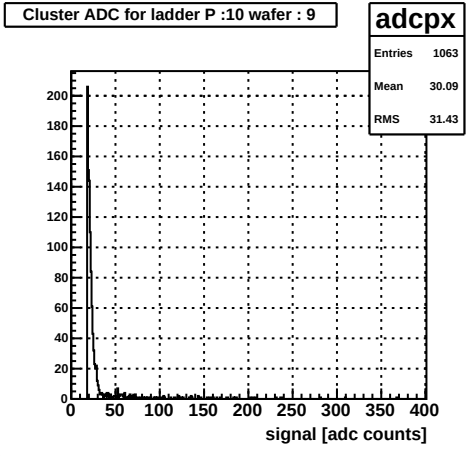

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 1050
Mean 38.89
RMS 34.38
signal [adc counts]

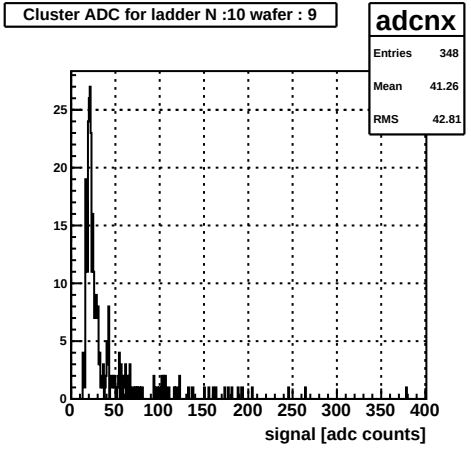

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 1339
Mean 23.03
RMS 27.33
signal [adc counts]

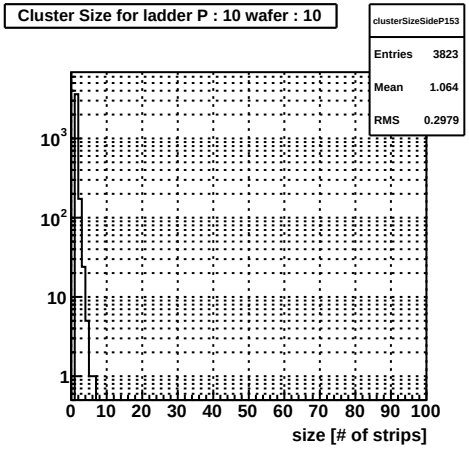

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 1063
Mean 1.086
RMS 0.3513
size [# of strips]

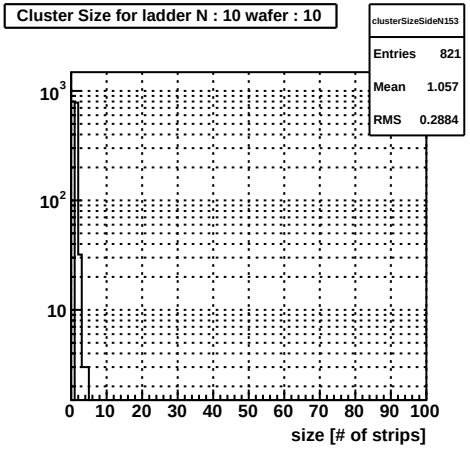

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 348
Mean 1.19
RMS 0.4956
size [# of strips]

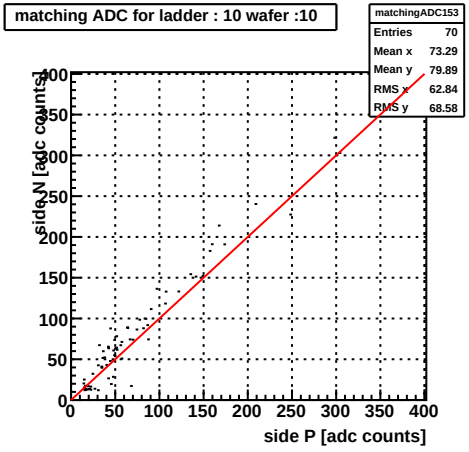

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 56
Mean x 69.15
Mean y 75.19
RMS x 63.59
RMS y 66.86
side N [adc counts]
side P [adc counts]

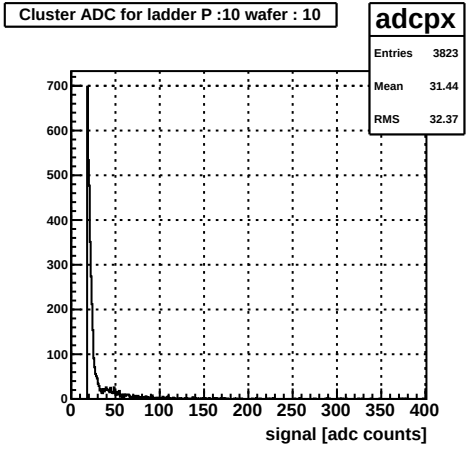

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 1063
Mean 30.09
RMS 31.43
signal [adc counts]

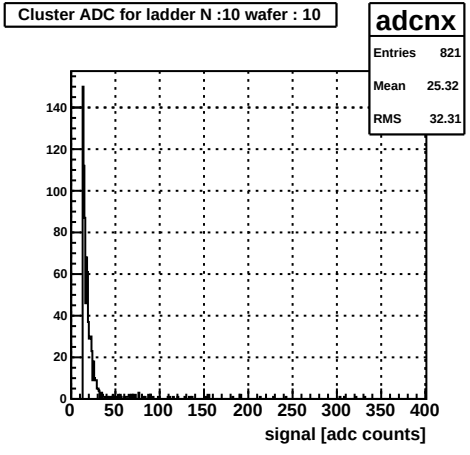

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 348
Mean 41.26
RMS 42.81
signal [adc counts]

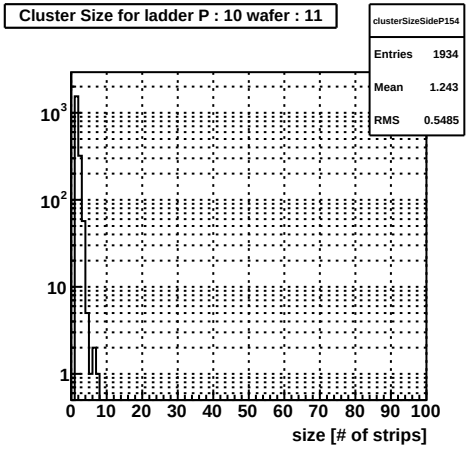

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 3823
Mean 1.064
RMS 0.2979
size [# of strips]

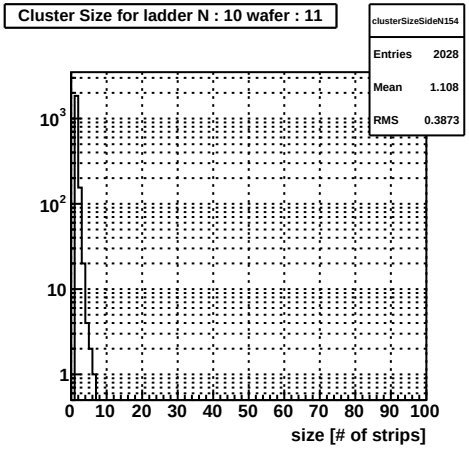

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 821
Mean 1.057
RMS 0.2884
size [# of strips]

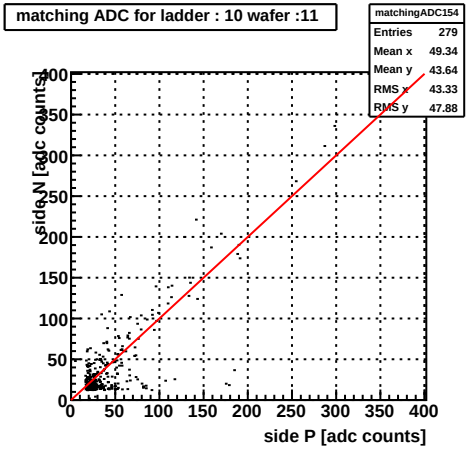

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 70
Mean x 73.29
Mean y 79.89
RMS x 62.84
RMS y 68.58
side N [adc counts]
side P [adc counts]

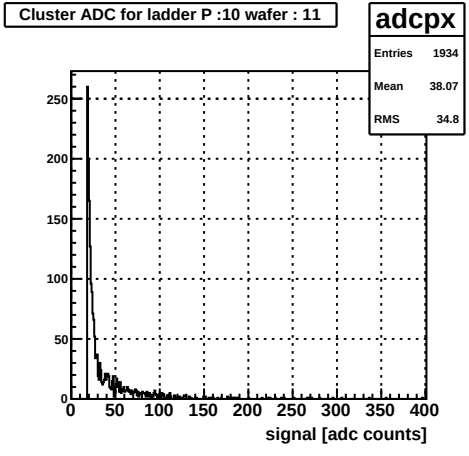

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 3823
Mean 31.44
RMS 32.37
signal [adc counts]

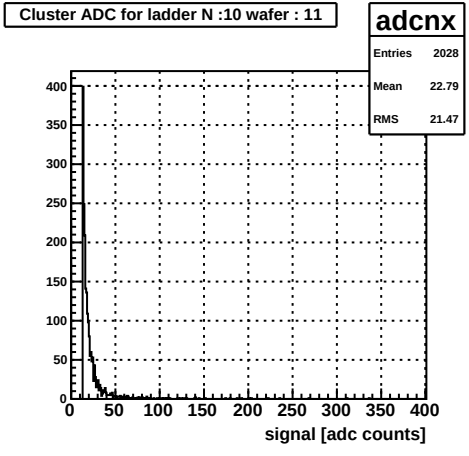

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 821
Mean 25.32
RMS 32.31
signal [adc counts]

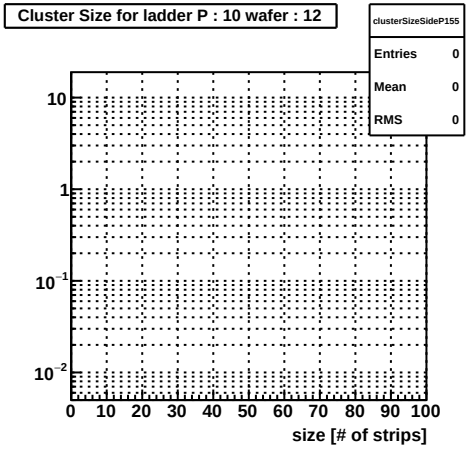

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 1934
Mean 1.243
RMS 0.5485
size [# of strips]

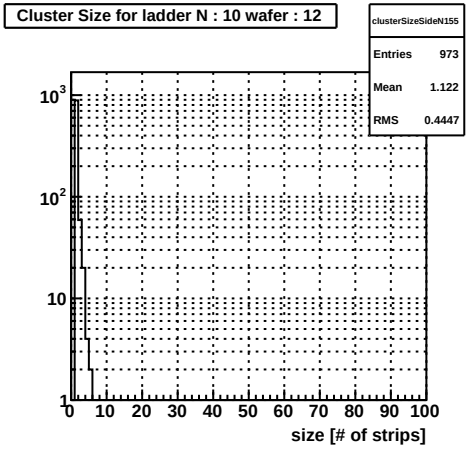

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 2028
Mean 1.108
RMS 0.3873
size [# of strips]

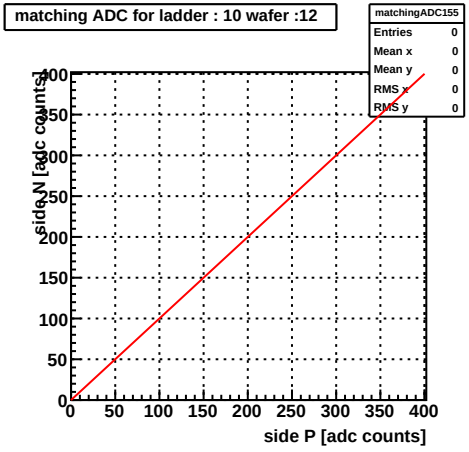

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 279
Mean x 49.34
Mean y 43.64
RMS x 43.33
RMS y 47.88
side N [adc counts]
side P [adc counts]

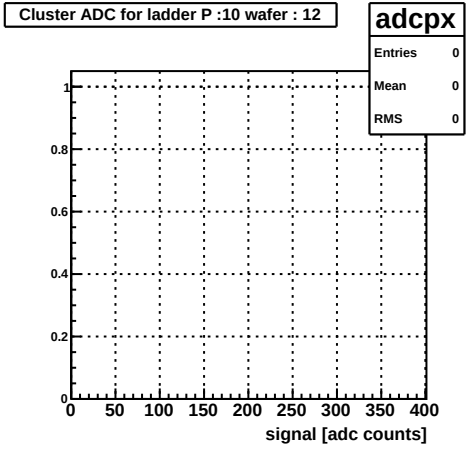

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 1934
Mean 38.07
RMS 34.8
signal [adc counts]

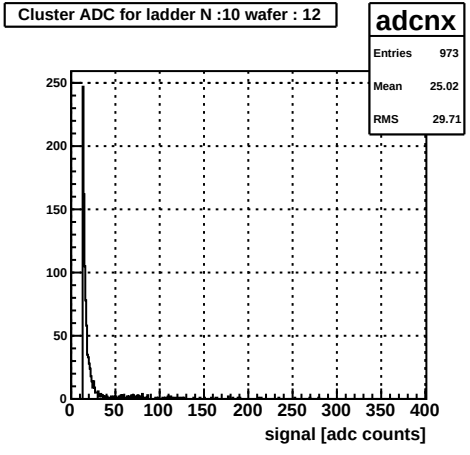

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 2028
Mean 22.79
RMS 21.47
signal [adc counts]

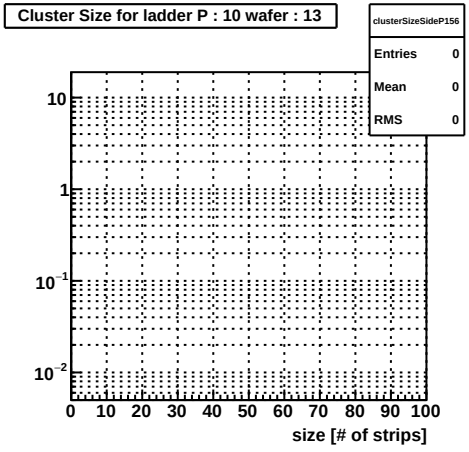

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

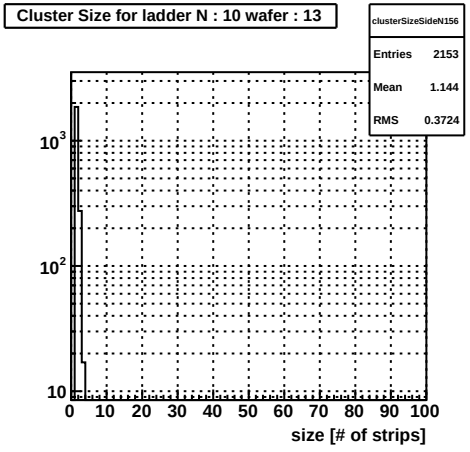

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 973
Mean 1.122
RMS 0.4447
size [# of strips]

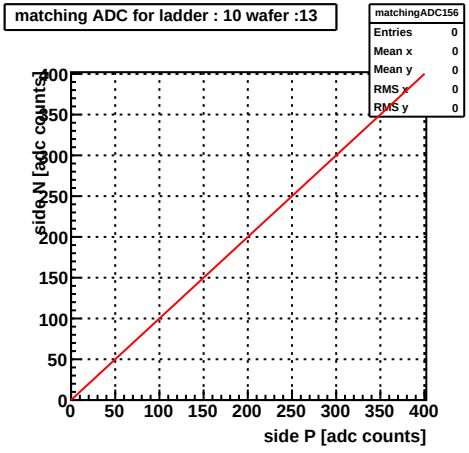

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

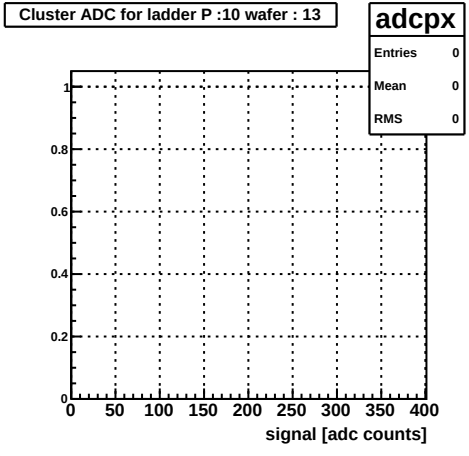

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

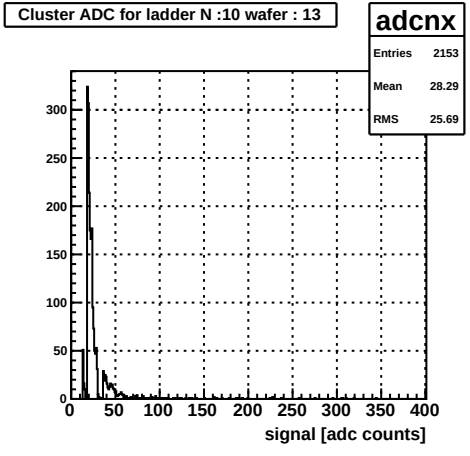

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 973
Mean 25.02
RMS 29.71
signal [adc counts]

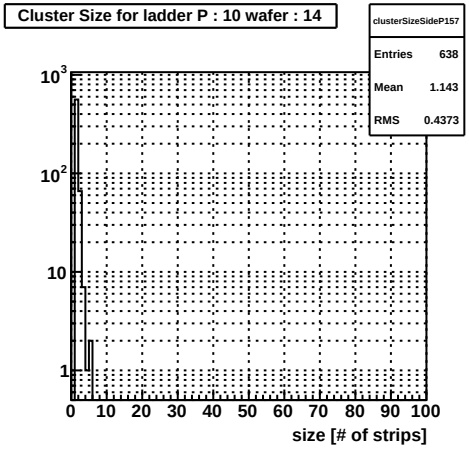

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

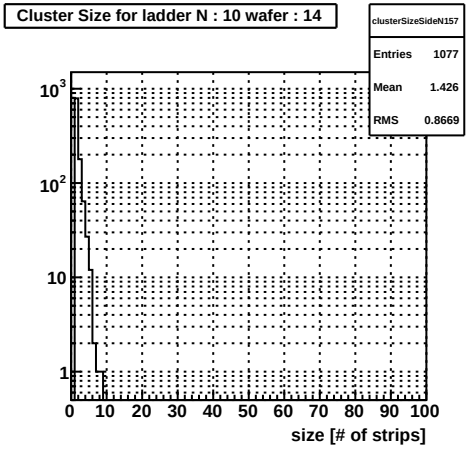

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 2153
Mean 1.144
RMS 0.3724
size [# of strips]

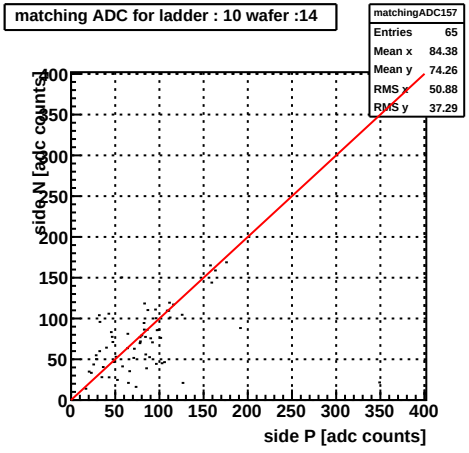

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

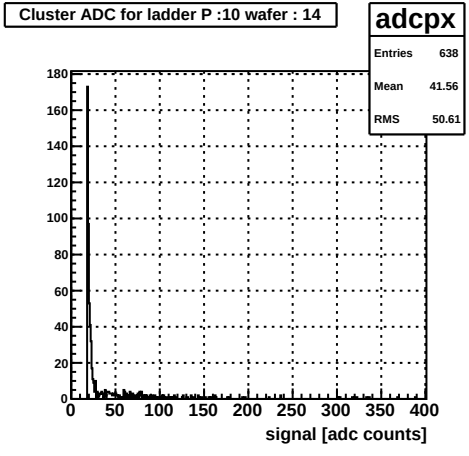

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

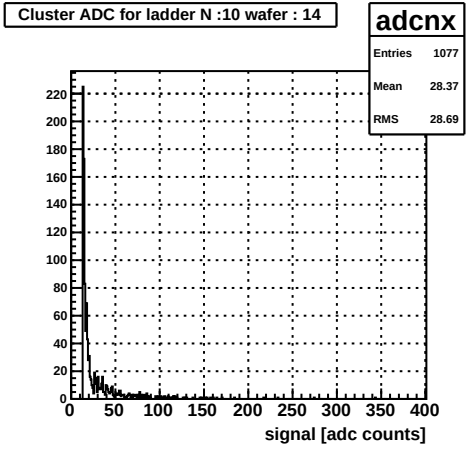

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 2153
Mean 28.29
RMS 25.69
signal [adc counts]

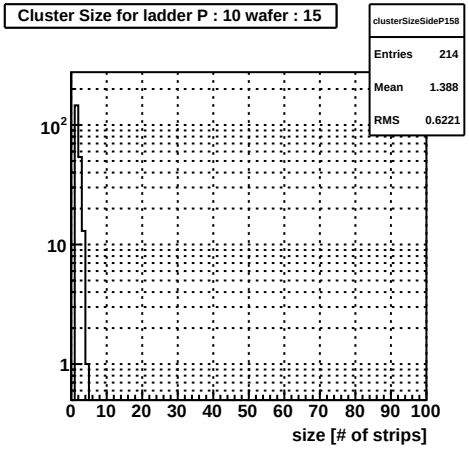

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 638
Mean 1.143
RMS 0.4373
size [# of strips]

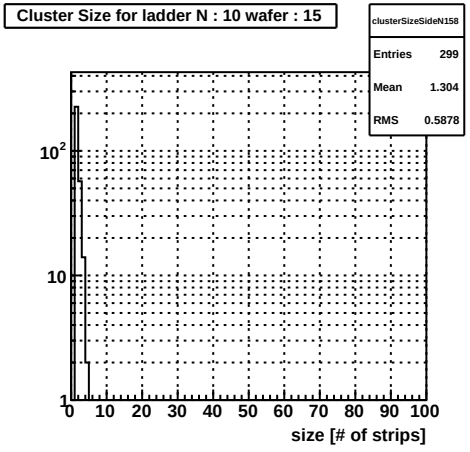

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1077
Mean 1.426
RMS 0.8669
size [# of strips]

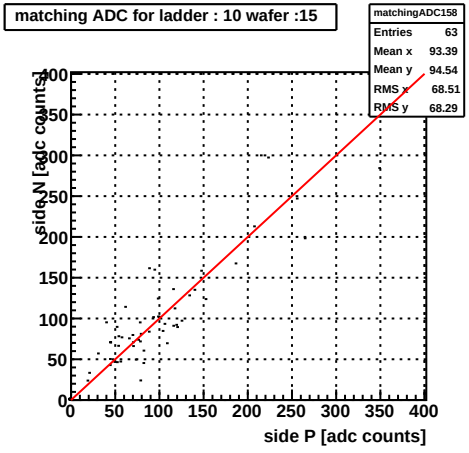

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 65
Mean x 84.38
Mean y 74.26
RMS x 50.88
RMS y 37.29
side N [adc counts]
side P [adc counts]

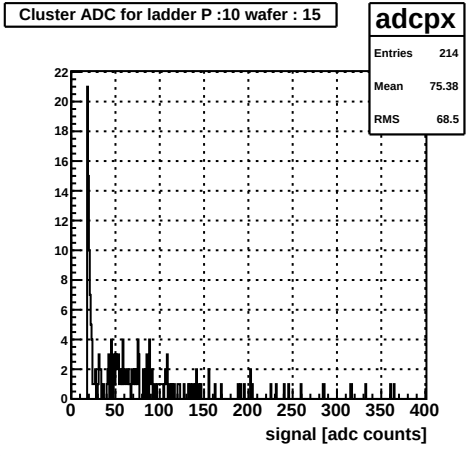

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 638
Mean 41.56
RMS 50.61
signal [adc counts]

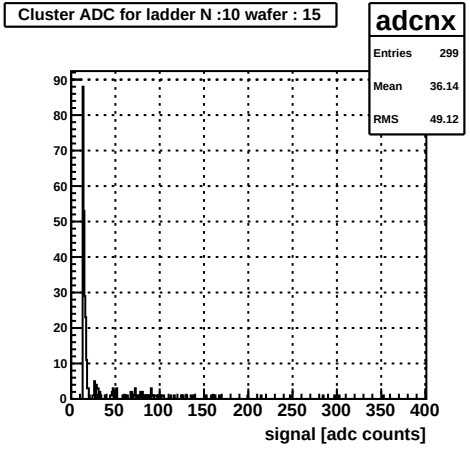

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1077
Mean 28.37
RMS 28.69
signal [adc counts]

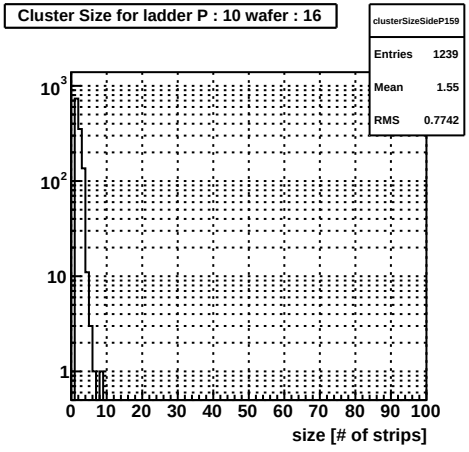

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 214
Mean 1.388
RMS 0.6221
size [# of strips]

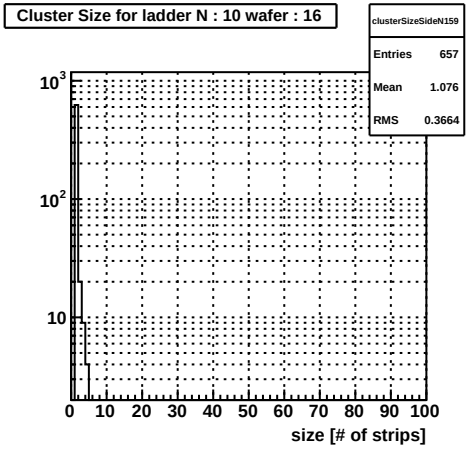

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 299
Mean 1.304
RMS 0.5878
size [# of strips]

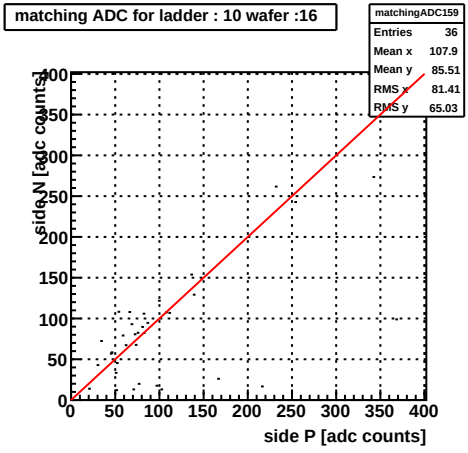

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 63
Mean x 93.39
Mean y 94.54
RMS x 68.51
RMS y 68.29
side N [adc counts]
side P [adc counts]

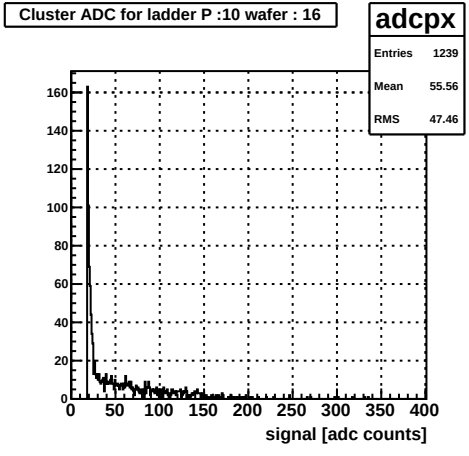

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 214
Mean 75.38
RMS 68.5
signal [adc counts]

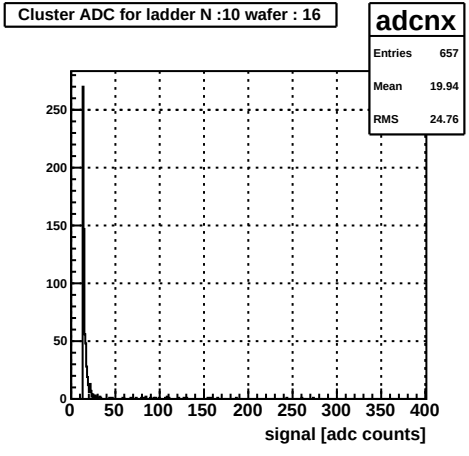

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 299
Mean 36.14
RMS 49.12
signal [adc counts]

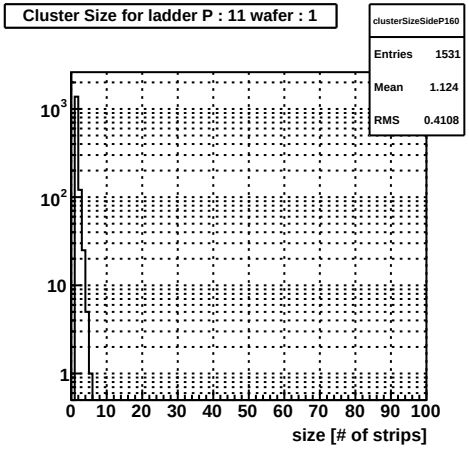

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 1239
Mean 1.55
RMS 0.7742
size [# of strips]

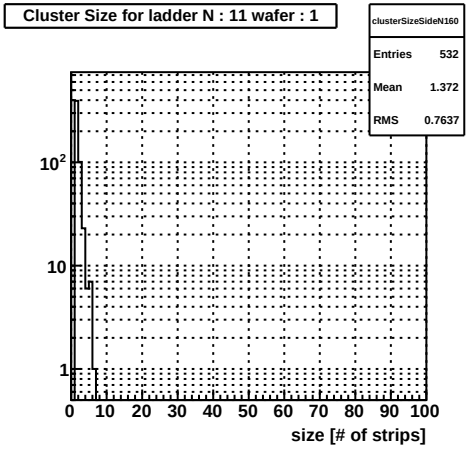

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 657
Mean 1.076
RMS 0.3664
size [# of strips]

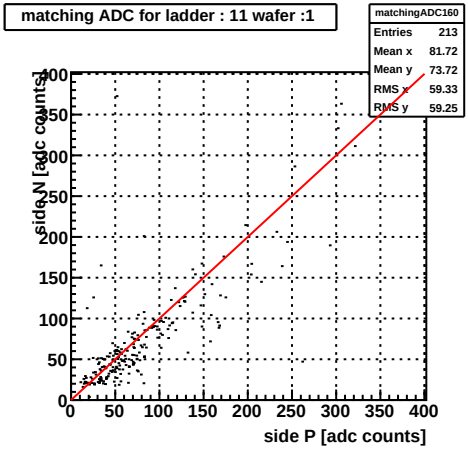

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 36
Mean x 107.9
Mean y 85.51
RMS x 81.41
RMS y 65.03
side N [adc counts]
side P [adc counts]

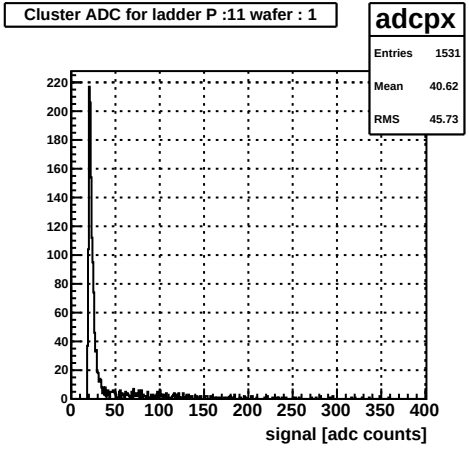

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 1239
Mean 55.56
RMS 47.46
signal [adc counts]

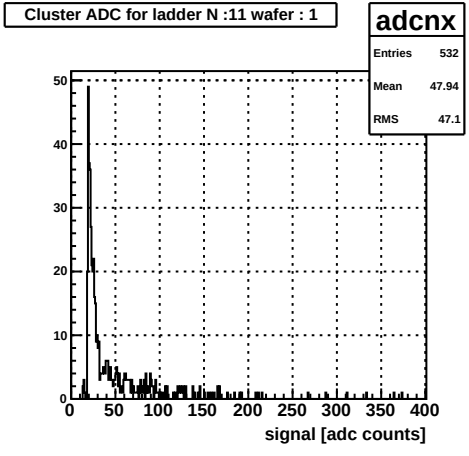

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 657
Mean 19.94
RMS 24.76
signal [adc counts]

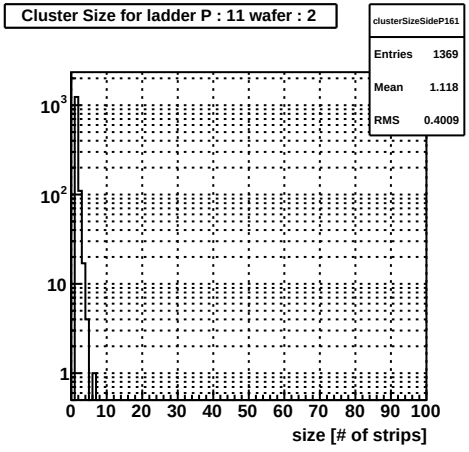

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 1531
Mean 1.124
RMS 0.4108
size [# of strips]

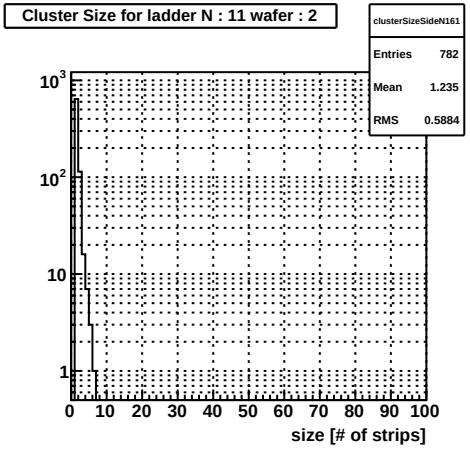

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 532
Mean 1.372
RMS 0.7637
size [# of strips]

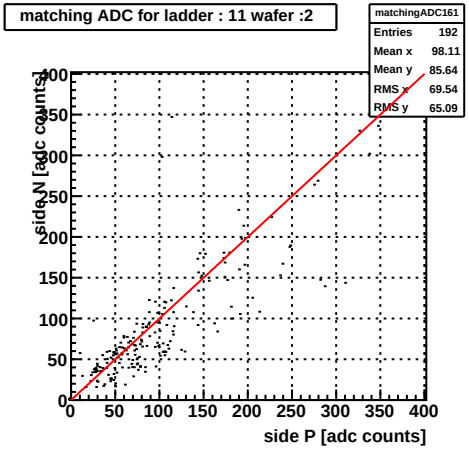

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 213
Mean x 81.72
Mean y 73.72
RMS x 59.33
RMS y 59.25
side N [adc counts]
side P [adc counts]

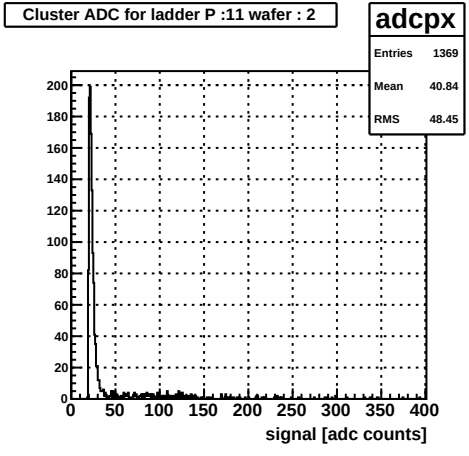

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 1531
Mean 40.62
RMS 45.73
signal [adc counts]

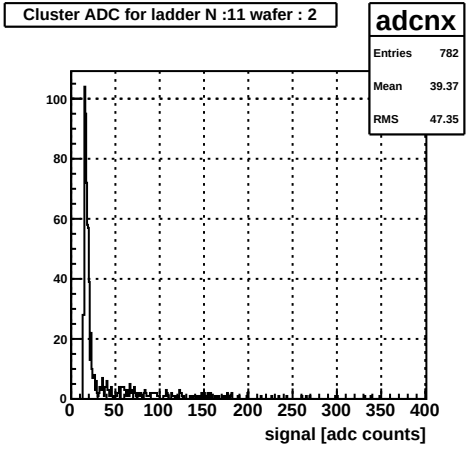

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 532
Mean 47.94
RMS 47.1
signal [adc counts]

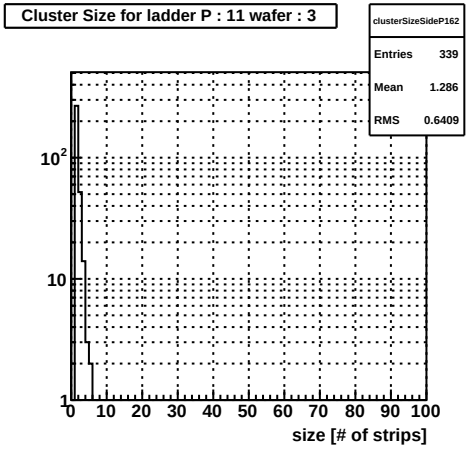

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 1369
Mean 1.118
RMS 0.4009
size [# of strips]

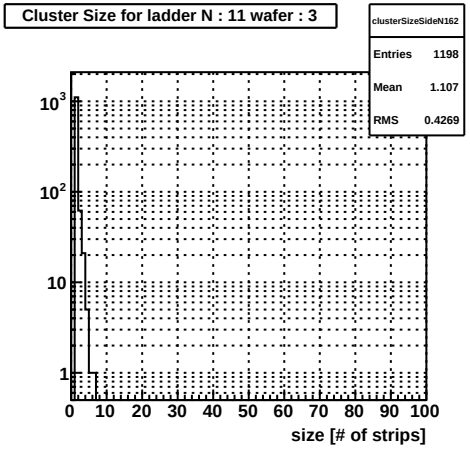

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 782
Mean 1.235
RMS 0.5884
size [# of strips]

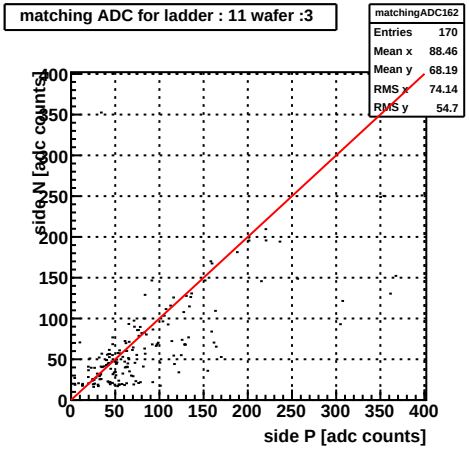

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 192
Mean x 98.11
Mean y 85.64
RMS x 69.54
RMS y 65.09
side N [adc counts]
side P [adc counts]

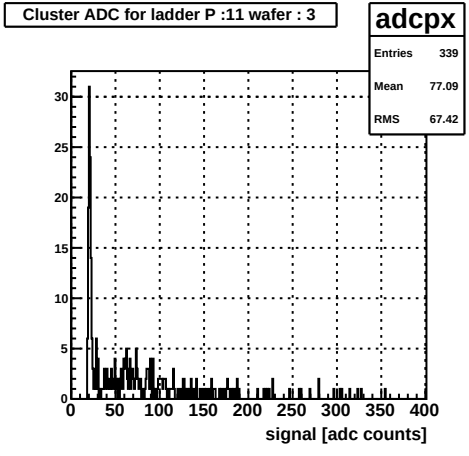

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 1369
Mean 40.84
RMS 48.45
signal [adc counts]

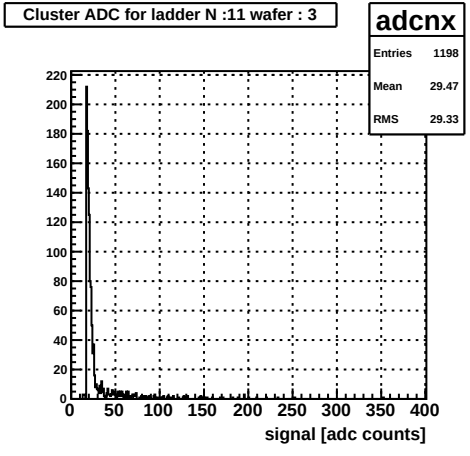

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 782
Mean 39.37
RMS 47.35
signal [adc counts]

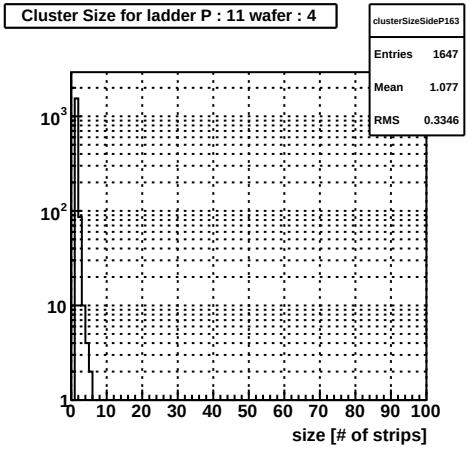

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 339
Mean 1.286
RMS 0.6409
size [# of strips]

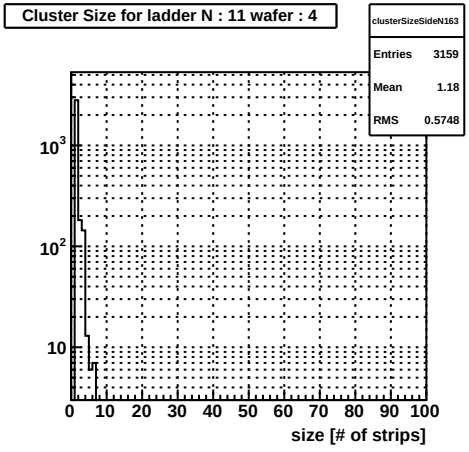

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 1198
Mean 1.107
RMS 0.4269
size [# of strips]

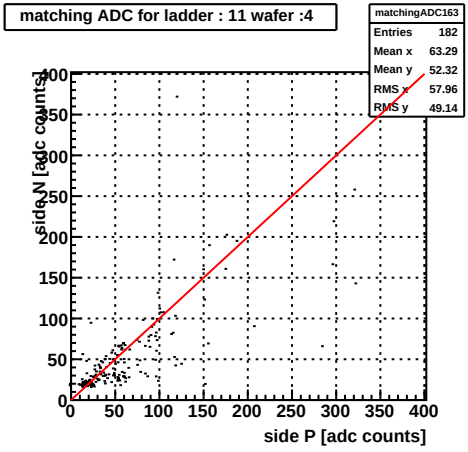

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 170
Mean x 88.46
Mean y 68.19
RMS x 74.14
RMS y 54.7
side N [adc counts]
side P [adc counts]

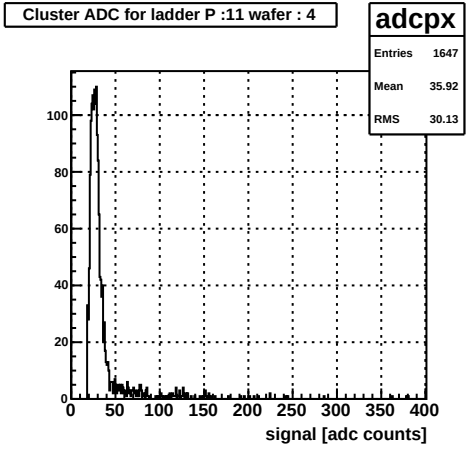

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 339
Mean 77.09
RMS 67.42
signal [adc counts]

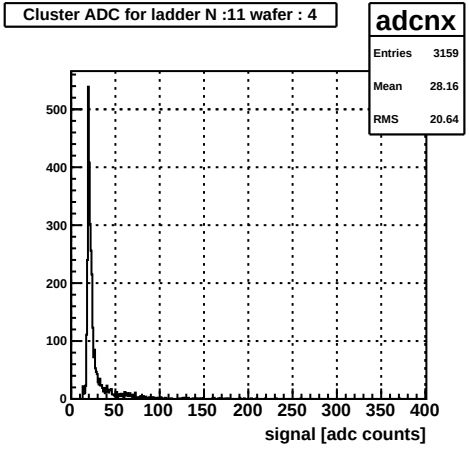

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 1198
Mean 29.47
RMS 29.33
signal [adc counts]

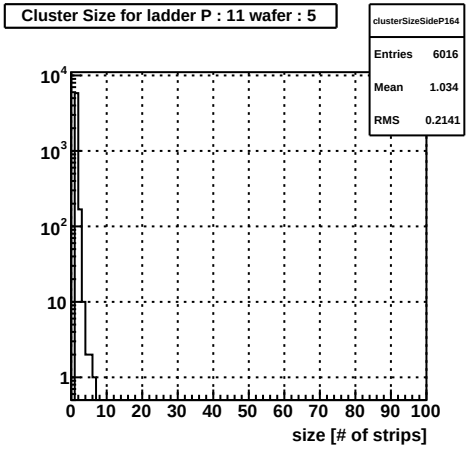

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 1647
Mean 1.077
RMS 0.3346
size [# of strips]

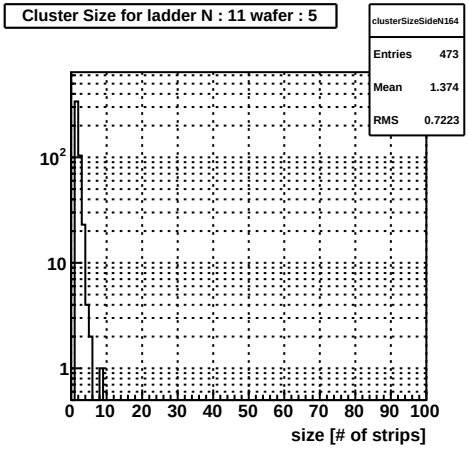

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 3159
Mean 1.18
RMS 0.5748
size [# of strips]

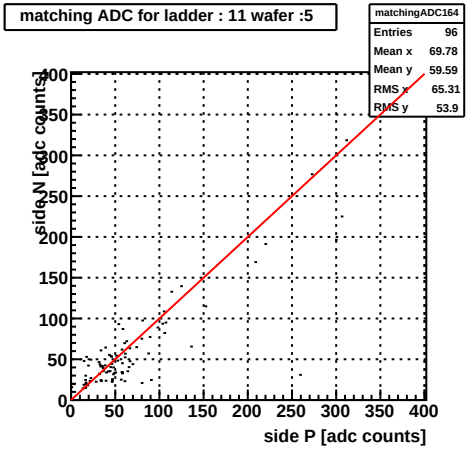

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 182
Mean x 63.29
Mean y 52.32
RMS x 57.96
RMS y 49.14
side N [adc counts]
side P [adc counts]

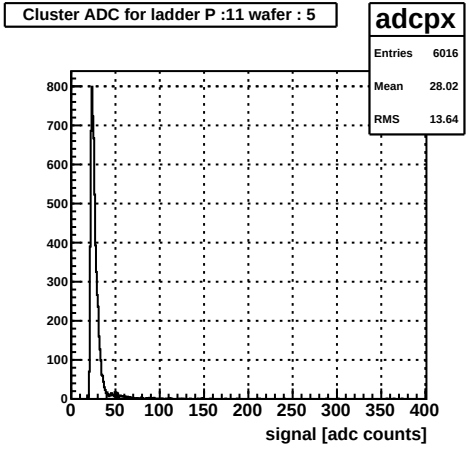

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 1647
Mean 35.92
RMS 30.13
signal [adc counts]

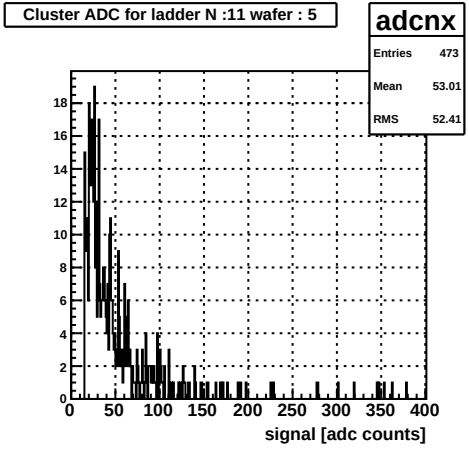

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 3159
Mean 28.16
RMS 20.64
signal [adc counts]

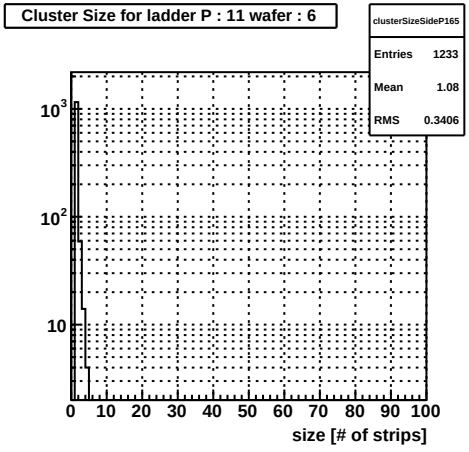

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 6016
Mean 1.034
RMS 0.2141
size [# of strips]

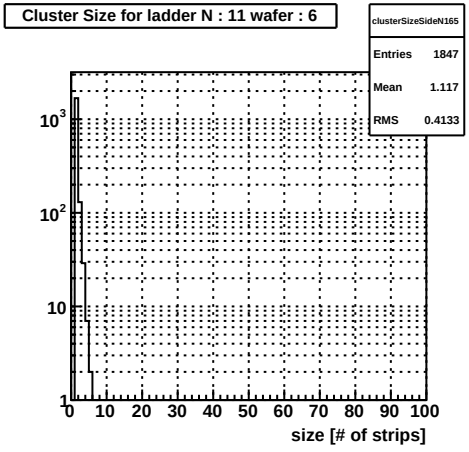

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 473
Mean 1.374
RMS 0.7223
size [# of strips]

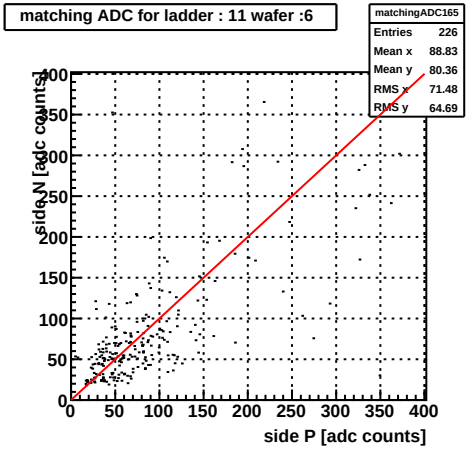

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 96
Mean x 69.78
Mean y 59.59
RMS x 65.31
RMS y 53.9
side N [adc counts]
side P [adc counts]

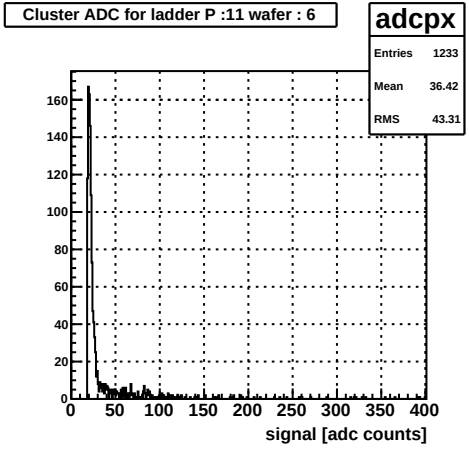

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 6016
Mean 28.02
RMS 13.64
signal [adc counts]

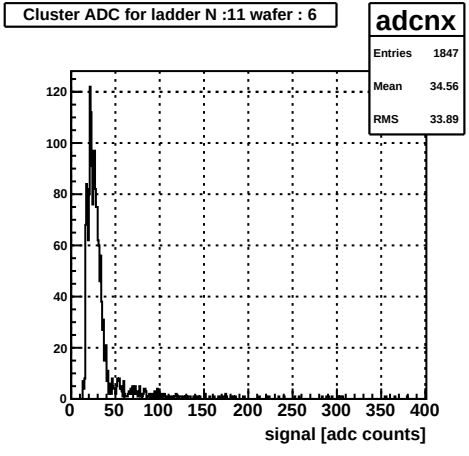

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 473
Mean 53.01
RMS 52.41
signal [adc counts]

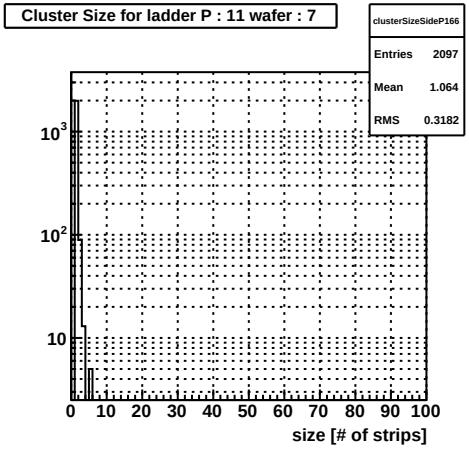

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 1233
Mean 1.08
RMS 0.3406
size [# of strips]

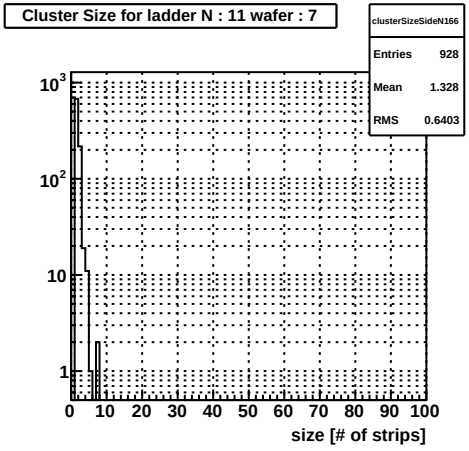

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 1847
Mean 1.117
RMS 0.4133
size [# of strips]

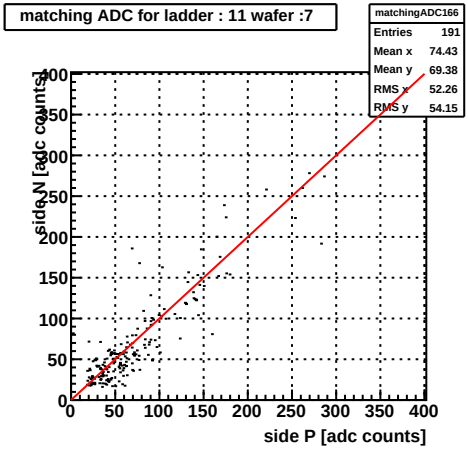

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 226
Mean x 88.83
Mean y 80.36
RMS x 71.48
RMS y 64.69
side N [adc counts]
side P [adc counts]

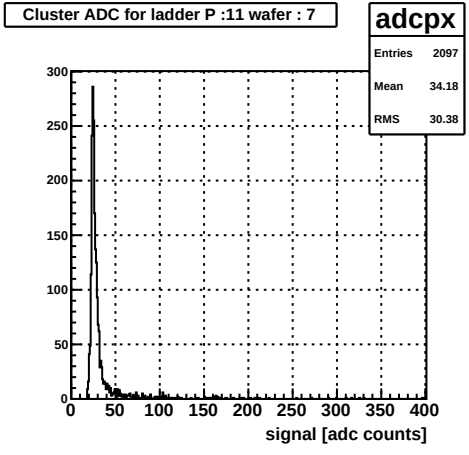

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 1233
Mean 36.42
RMS 43.31
signal [adc counts]

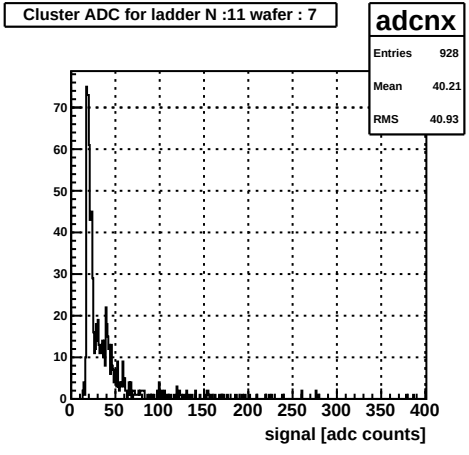

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 1847
Mean 34.56
RMS 33.89
signal [adc counts]

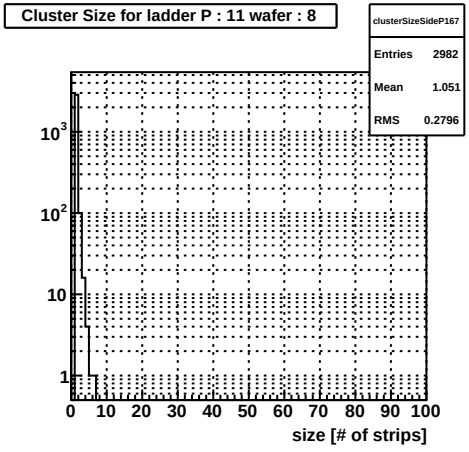

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 2097
Mean 1.064
RMS 0.3182
size [# of strips]

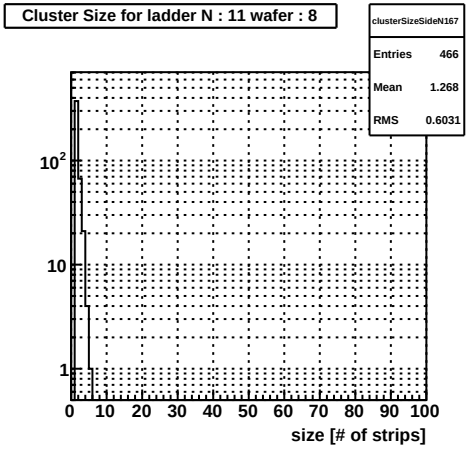

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 928
Mean 1.328
RMS 0.6403
size [# of strips]

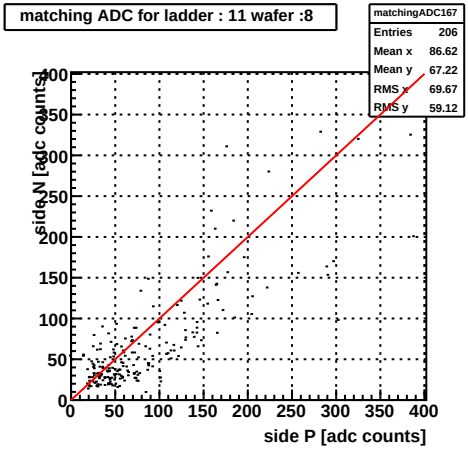

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 191
Mean x 74.43
Mean y 69.38
RMS x 52.26
RMS y 54.15
side N [adc counts]
side P [adc counts]

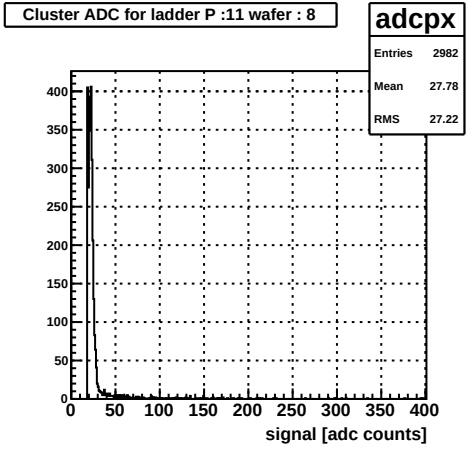

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 2097
Mean 34.18
RMS 30.38
signal [adc counts]

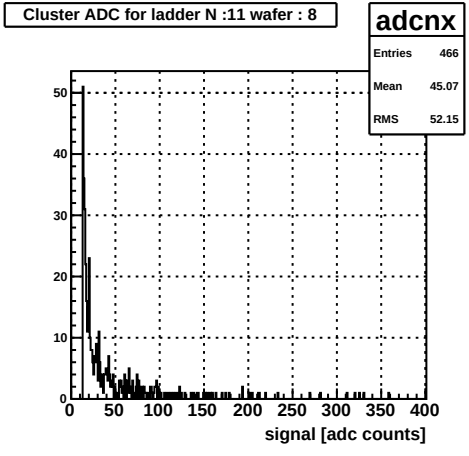

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 928
Mean 40.21
RMS 40.93
signal [adc counts]

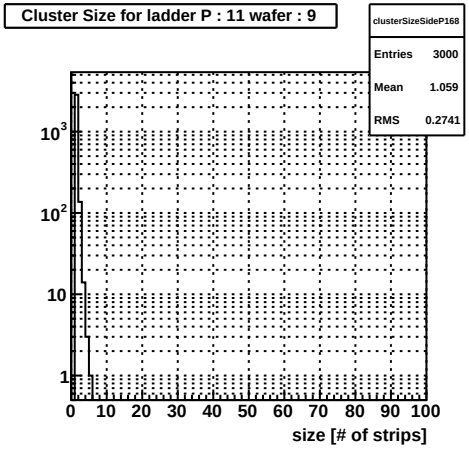

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 2982
Mean 1.051
RMS 0.2796
size [# of strips]

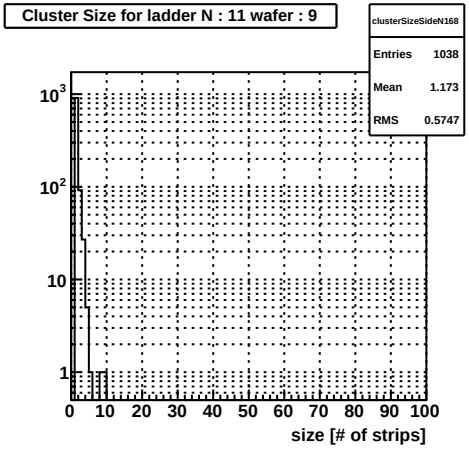

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 466
Mean 1.268
RMS 0.6031
size [# of strips]

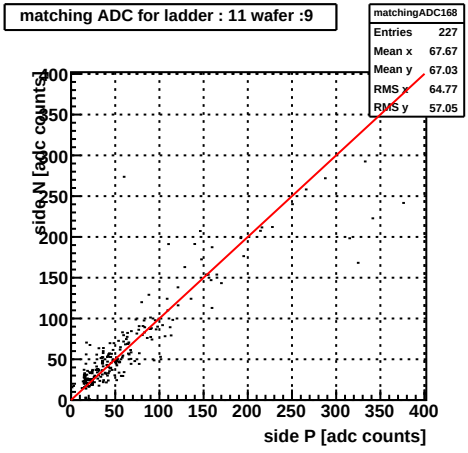

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 206
Mean x 86.62
Mean y 67.22
RMS x 69.67
RMS y 59.12
side N [adc counts]
side P [adc counts]

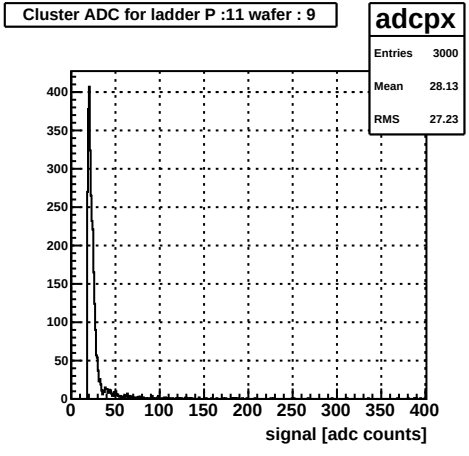

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 2982
Mean 27.78
RMS 27.22
signal [adc counts]

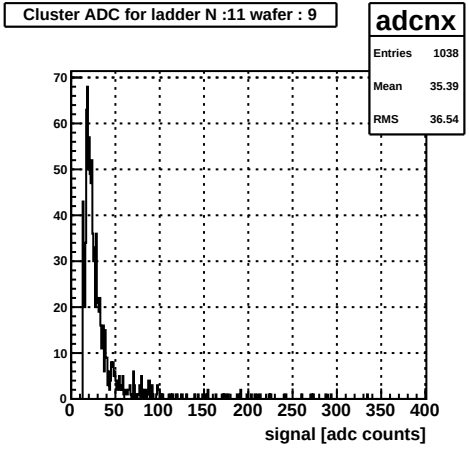

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 466
Mean 45.07
RMS 52.15
signal [adc counts]

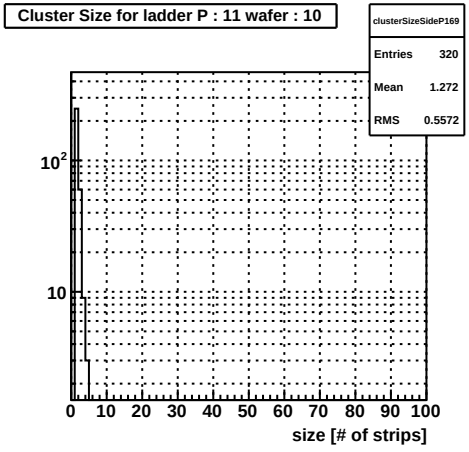

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 3000
Mean 1.059
RMS 0.2741
size [# of strips]

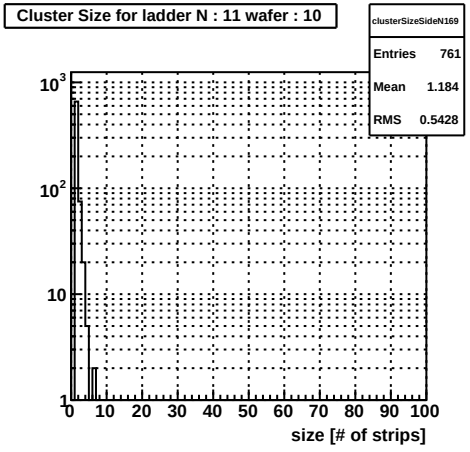

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 1038
Mean 1.173
RMS 0.5747
size [# of strips]

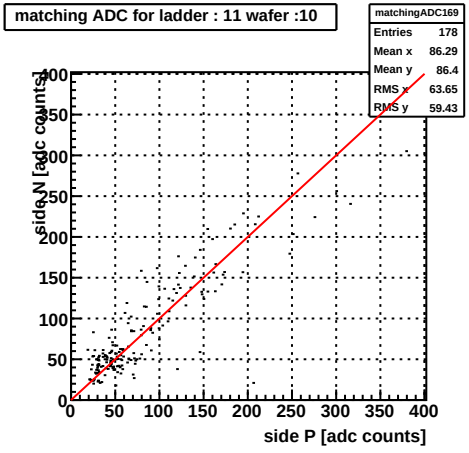

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 227
Mean x 67.67
Mean y 67.03
RMS x 64.77
RMS y 57.05
side N [adc counts]
side P [adc counts]

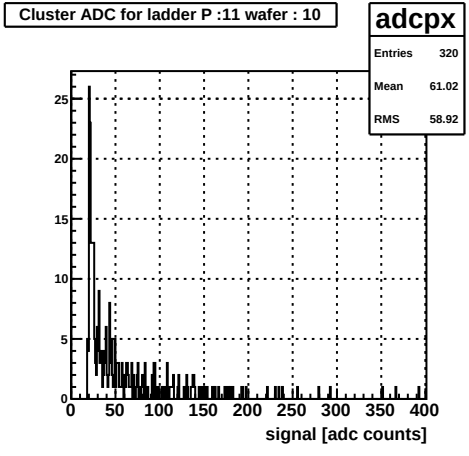

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 3000
Mean 28.13
RMS 27.23
signal [adc counts]

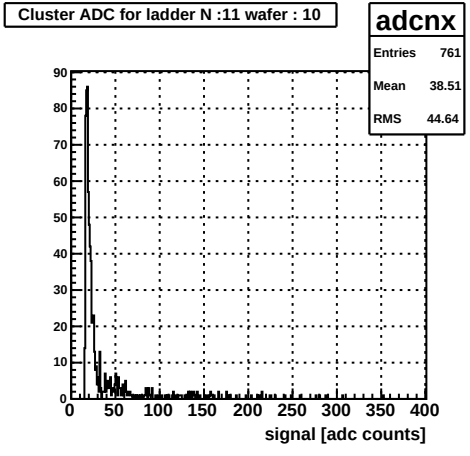

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 1038
Mean 35.39
RMS 36.54
signal [adc counts]

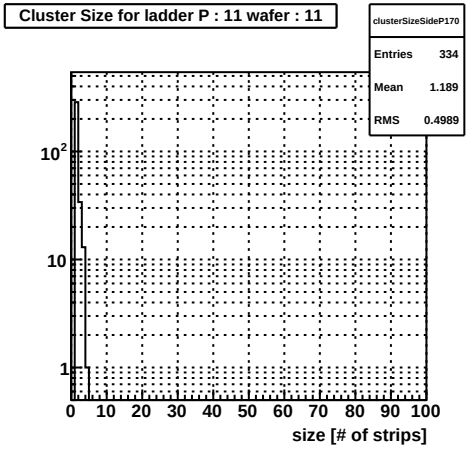

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 320
Mean 1.272
RMS 0.5572
size [# of strips]

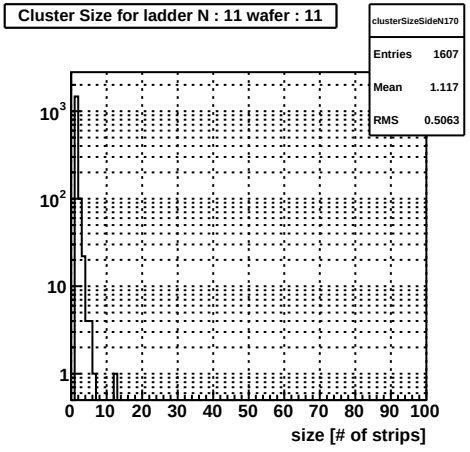

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 761
Mean 1.184
RMS 0.5428
size [# of strips]

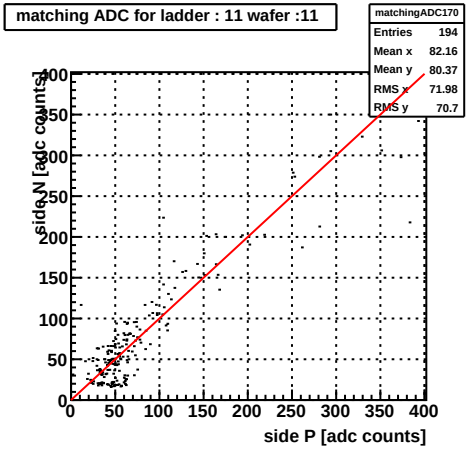

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 178
Mean x 86.29
Mean y 86.4
RMS x 63.65
RMS y 59.43
side N [adc counts]
side P [adc counts]

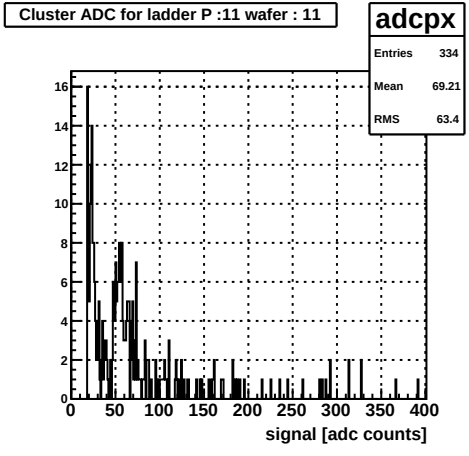

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 320
Mean 61.02
RMS 58.92
signal [adc counts]

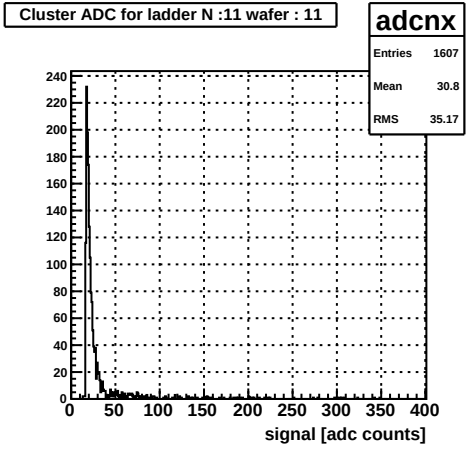

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 761
Mean 38.51
RMS 44.64
signal [adc counts]

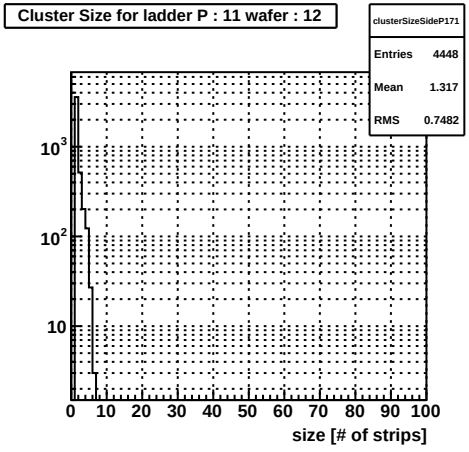

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 334
Mean 1.189
RMS 0.4989
size [# of strips]

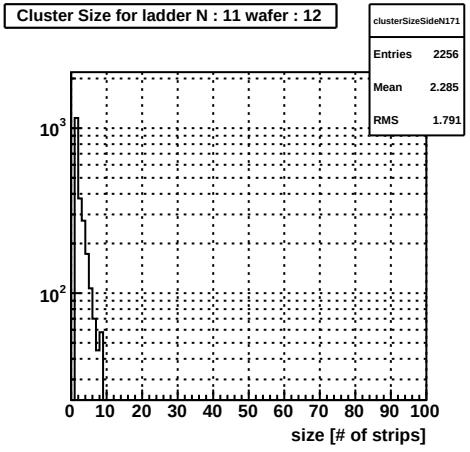

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 1607
Mean 1.117
RMS 0.5063
size [# of strips]

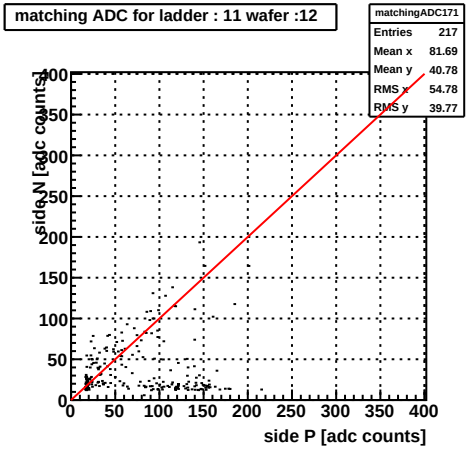

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 194
Mean x 82.16
Mean y 80.37
RMS x 71.98
RMS y 70.7
side N [adc counts]
side P [adc counts]

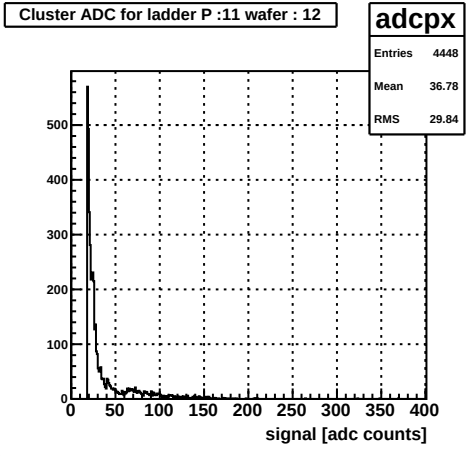

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 334
Mean 69.21
RMS 63.4
signal [adc counts]

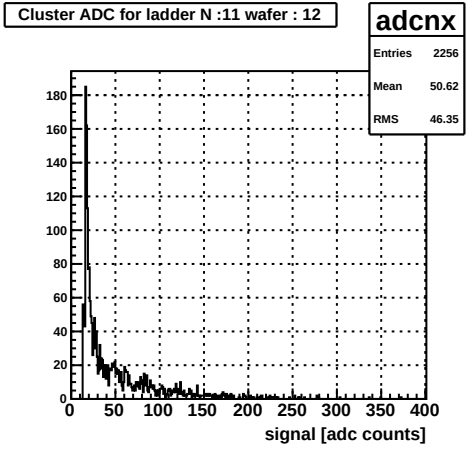

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 1607
Mean 30.8
RMS 35.17
signal [adc counts]

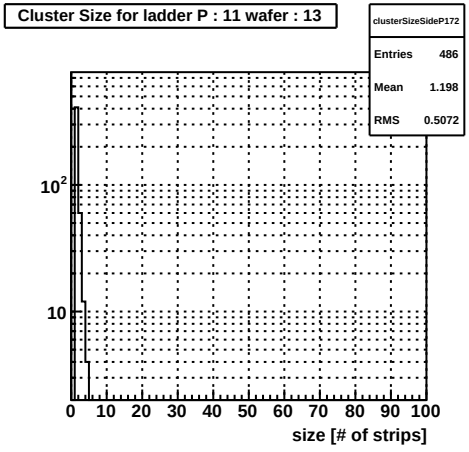

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 4448
Mean 1.317
RMS 0.7482
size [# of strips]

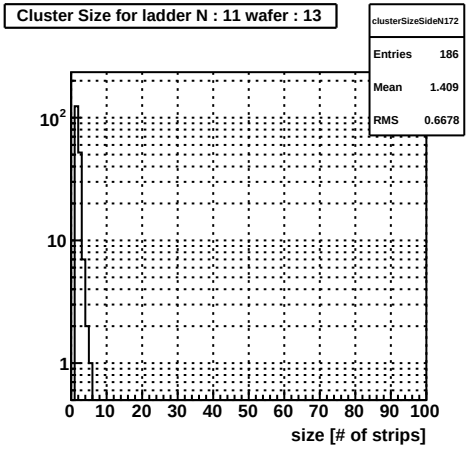

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 2256
Mean 2.285
RMS 1.791
size [# of strips]

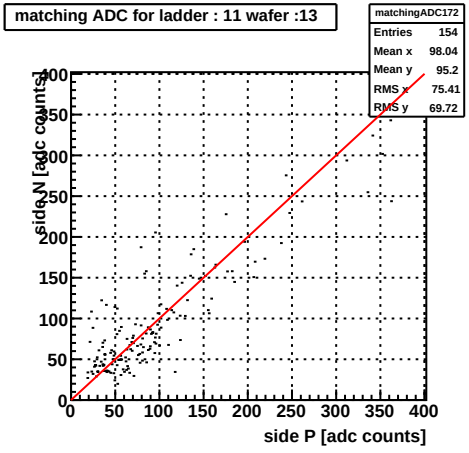

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 217
Mean x 81.69
Mean y 40.78
RMS x 54.78
RMS y 39.77
side N [adc counts]
side P [adc counts]

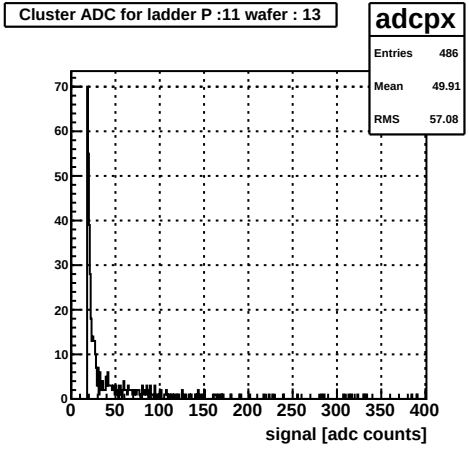

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 4448
Mean 36.78
RMS 29.84
signal [adc counts]

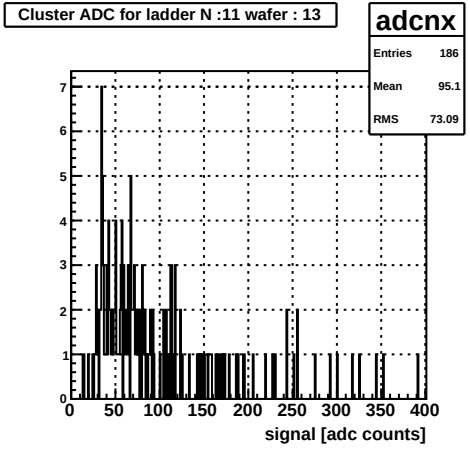

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 2256
Mean 50.62
RMS 46.35
signal [adc counts]

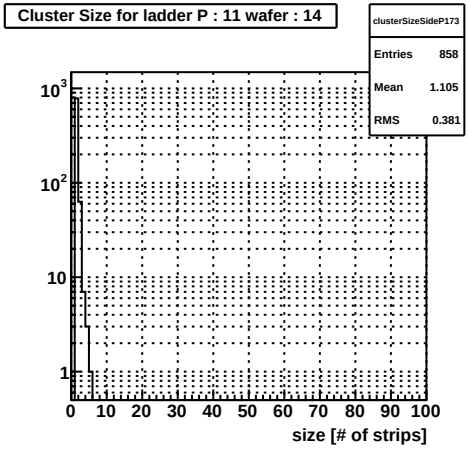

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 486
Mean 1.198
RMS 0.5072
size [# of strips]

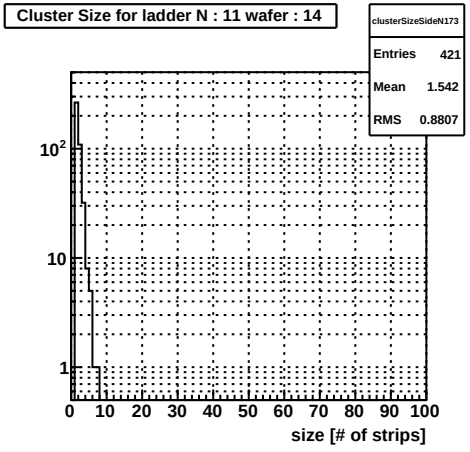

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 186
Mean 1.409
RMS 0.6678
size [# of strips]

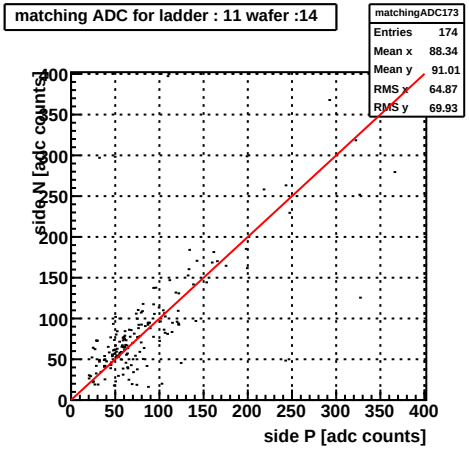

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 154
Mean x 98.04
Mean y 95.2
RMS x 75.41
RMS y 69.72
side N [adc counts]
side P [adc counts]

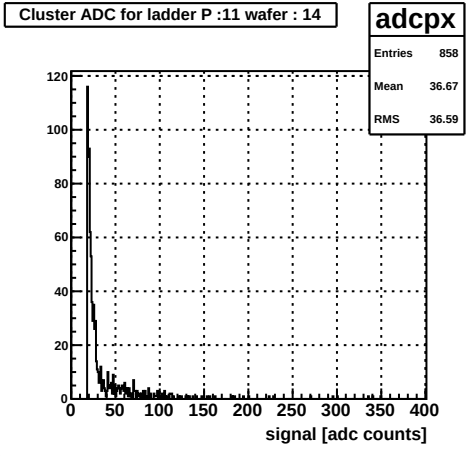

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 486
Mean 49.91
RMS 57.08
signal [adc counts]

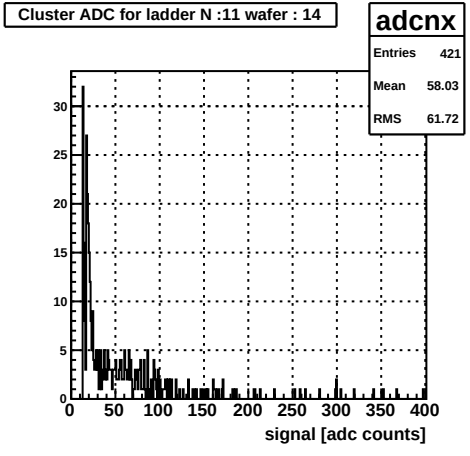

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 186
Mean 95.1
RMS 73.09
signal [adc counts]

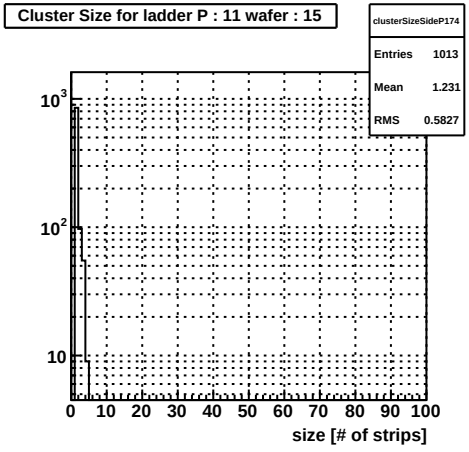

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 858
Mean 1.105
RMS 0.381
size [# of strips]

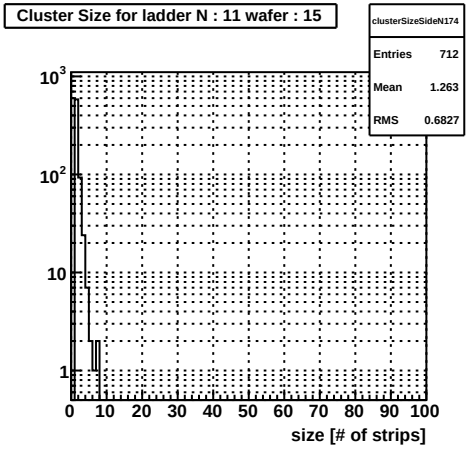

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 421
Mean 1.542
RMS 0.8807
size [# of strips]

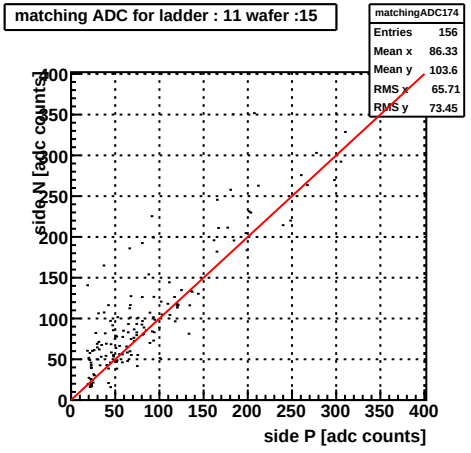

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 174
Mean x 88.34
Mean y 91.01
RMS x 64.87
RMS y 69.93
side N [adc counts]
side P [adc counts]

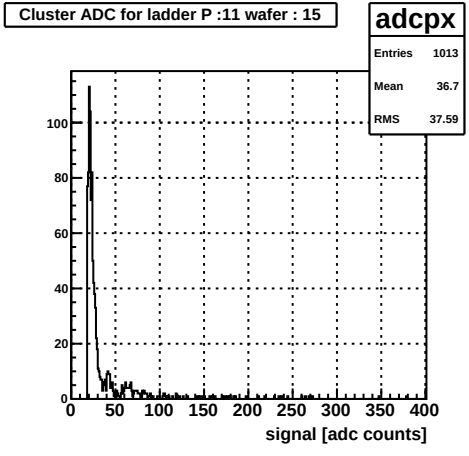

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 858
Mean 36.67
RMS 36.59
signal [adc counts]

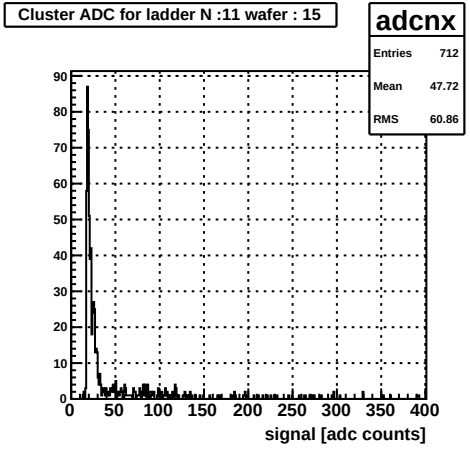

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 421
Mean 58.03
RMS 61.72
signal [adc counts]

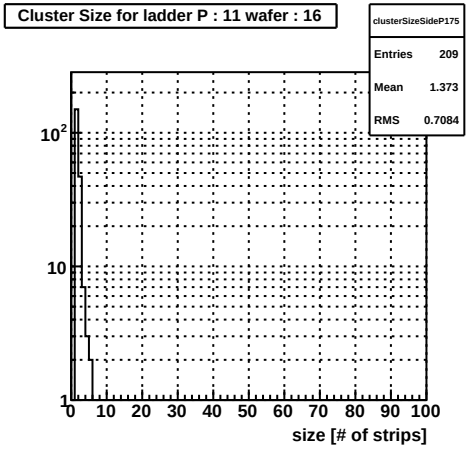

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 1013
Mean 1.231
RMS 0.5827
size [# of strips]

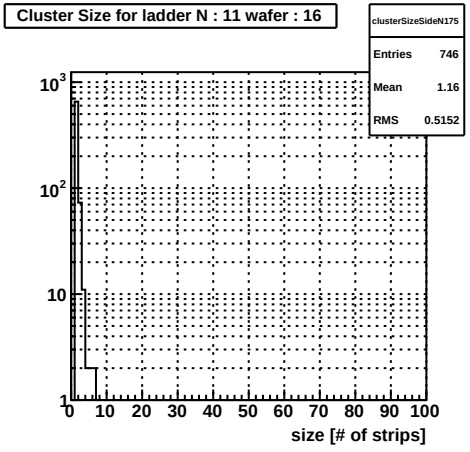

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 712
Mean 1.263
RMS 0.6827
size [# of strips]

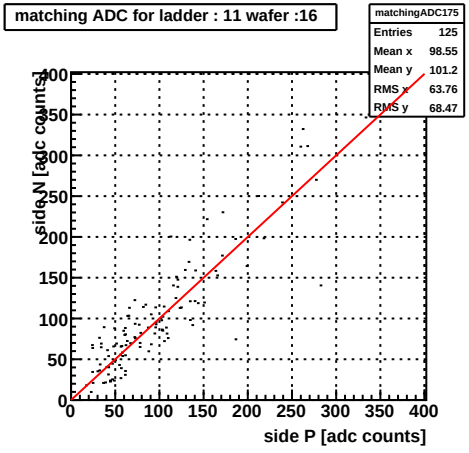

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 156
Mean x 86.33
Mean y 103.6
RMS x 65.71
RMS y 73.45
side N [adc counts]
side P [adc counts]

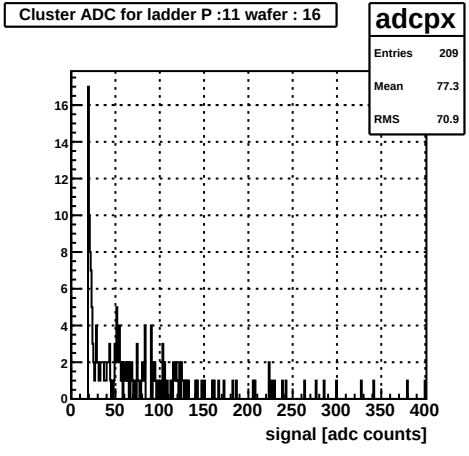

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 1013
Mean 36.7
RMS 37.59
signal [adc counts]

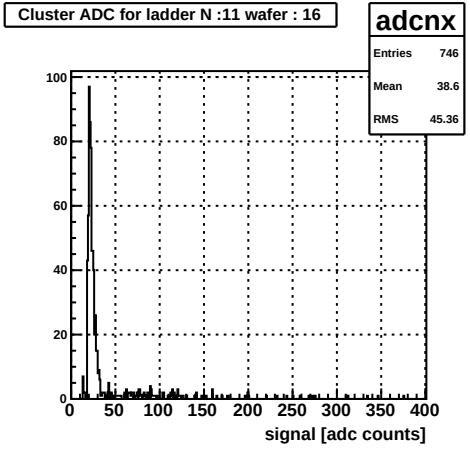

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 712
Mean 47.72
RMS 60.86
signal [adc counts]

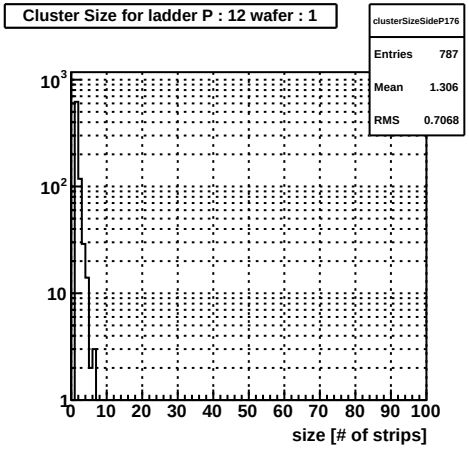

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 209
Mean 1.373
RMS 0.7084
size [# of strips]

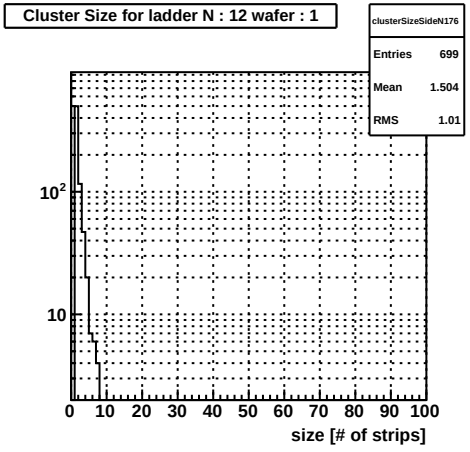

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 746
Mean 1.16
RMS 0.5152
size [# of strips]

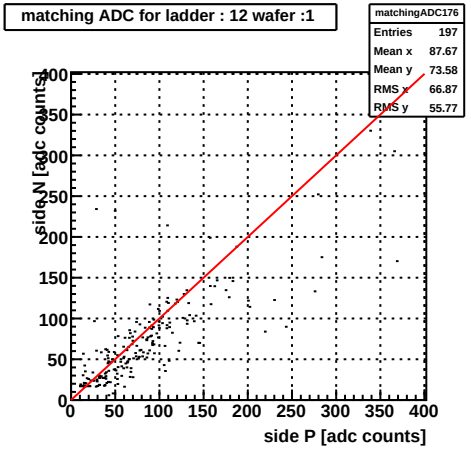

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 125
Mean x 98.55
Mean y 101.2
RMS x 63.76
RMS y 68.47
side N [adc counts]
side P [adc counts]

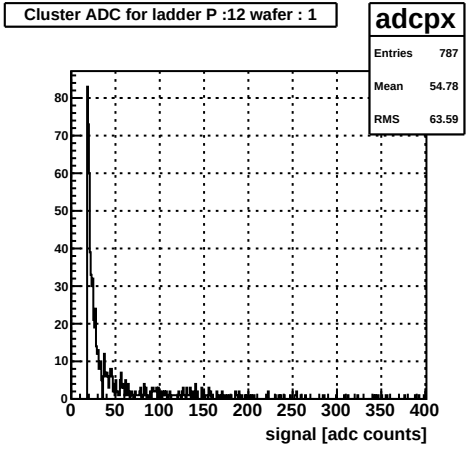

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 209
Mean 77.3
RMS 70.9
signal [adc counts]

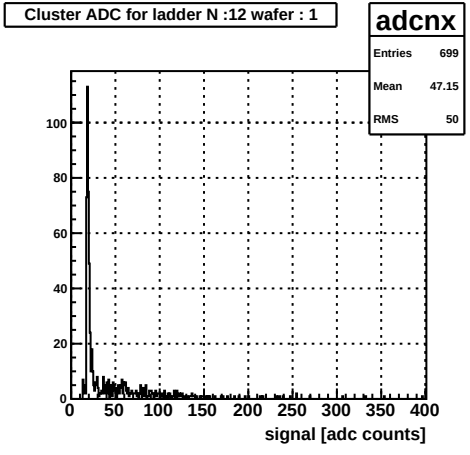

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 746
Mean 38.6
RMS 45.36
signal [adc counts]

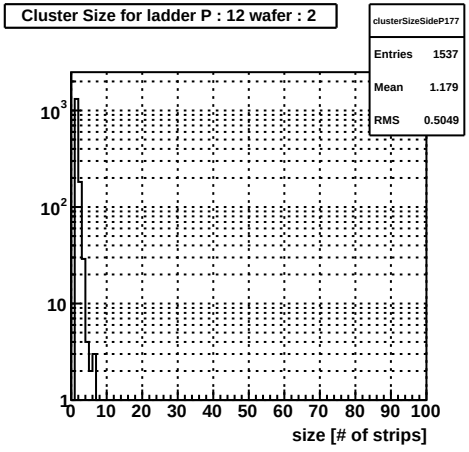

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 787
Mean 1.306
RMS 0.7068
size [# of strips]

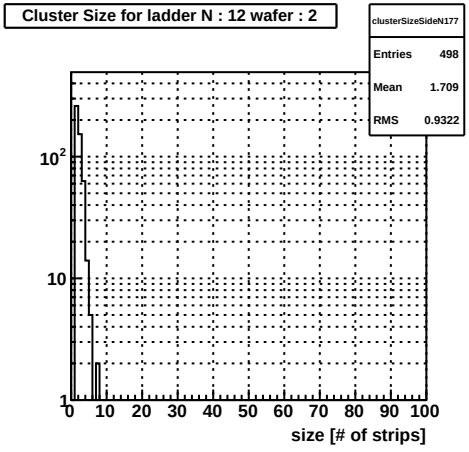

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 699
Mean 1.504
RMS 1.01
size [# of strips]

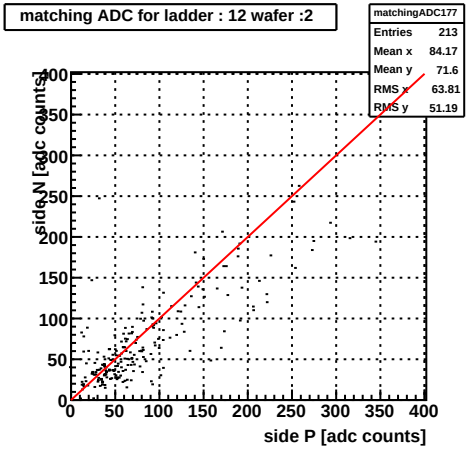

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 197
Mean x 87.67
Mean y 73.58
RMS x 66.87
RMS y 55.77
side N [adc counts]
side P [adc counts]

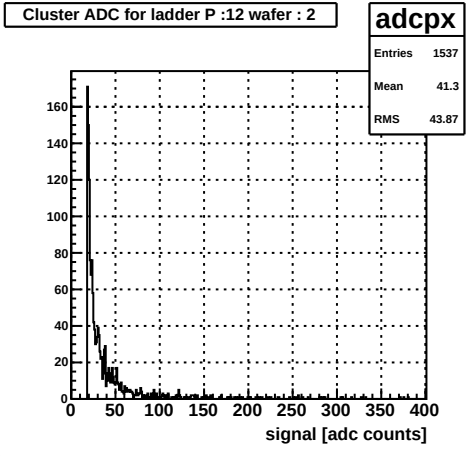

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 787
Mean 54.78
RMS 63.59
signal [adc counts]

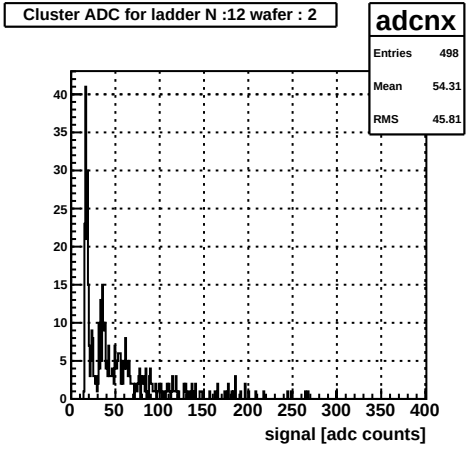

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 699
Mean 47.15
RMS 50
signal [adc counts]

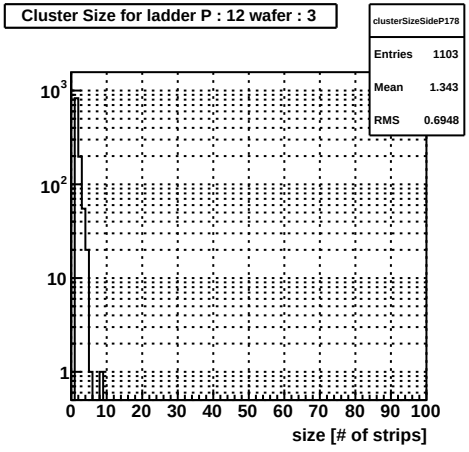

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 1537
Mean 1.179
RMS 0.5049
size [# of strips]

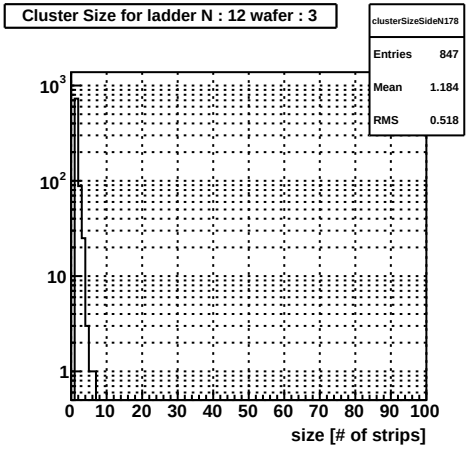

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 498
Mean 1.709
RMS 0.9322
size [# of strips]

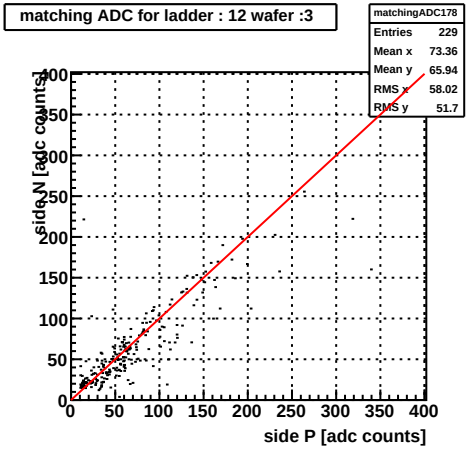

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 213
Mean x 84.17
Mean y 71.6
RMS x 63.81
RMS y 51.19
side N [adc counts]
side P [adc counts]

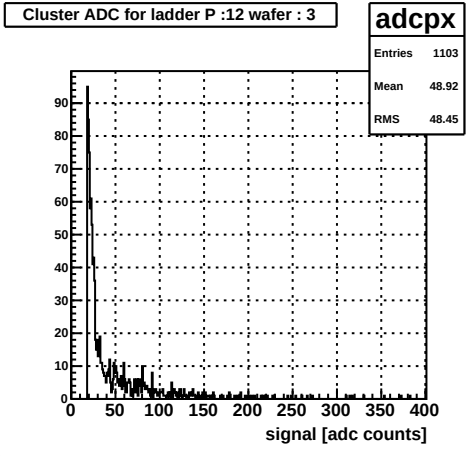

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 1537
Mean 41.3
RMS 43.87
signal [adc counts]

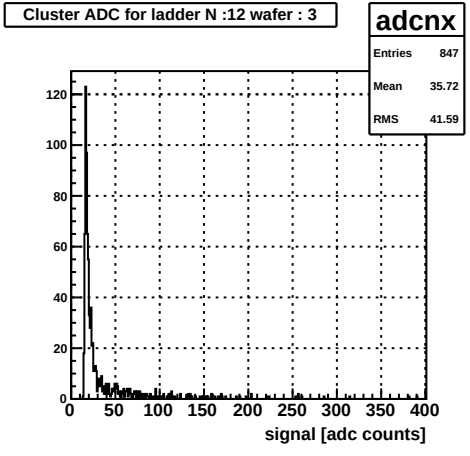

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 498
Mean 54.31
RMS 45.81
signal [adc counts]

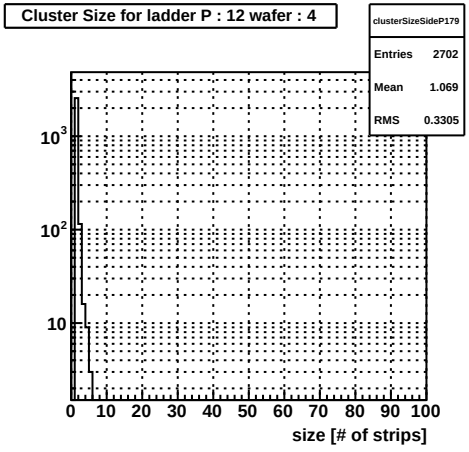

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 1103
Mean 1.343
RMS 0.6948
size [# of strips]

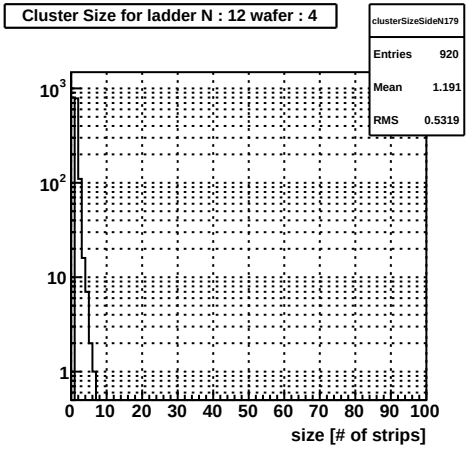

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 847
Mean 1.184
RMS 0.518
size [# of strips]

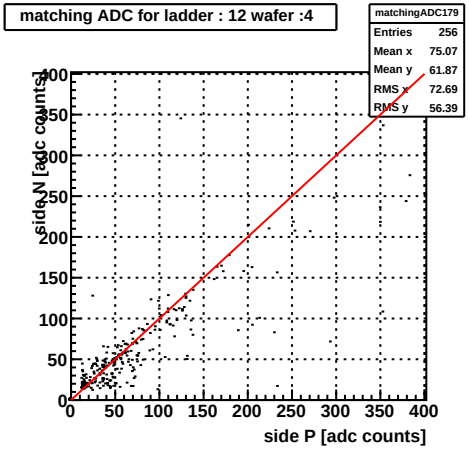

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 229
Mean x 73.36
Mean y 65.94
RMS x 58.02
RMS y 51.7
side N [adc counts]
side P [adc counts]

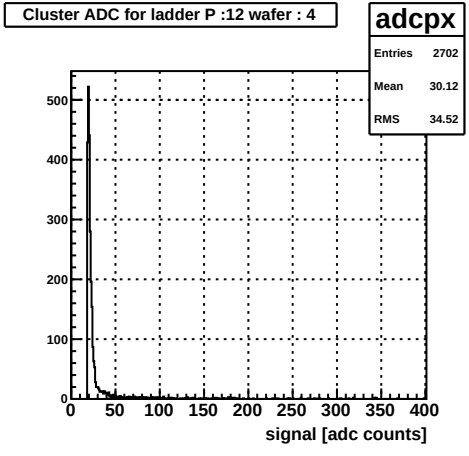

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 1103
Mean 48.92
RMS 48.45
signal [adc counts]

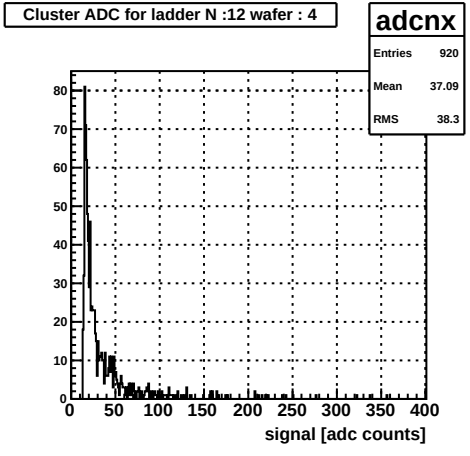

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 847
Mean 35.72
RMS 41.59
signal [adc counts]

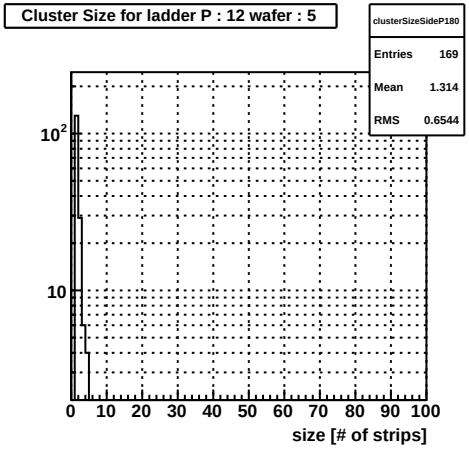

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 2702
Mean 1.069
RMS 0.3305
size [# of strips]

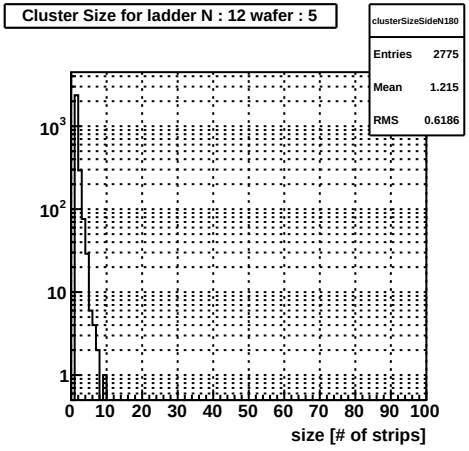

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 920
Mean 1.191
RMS 0.5319
size [# of strips]

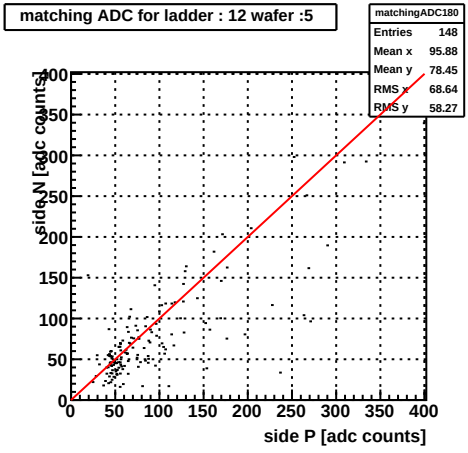

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 256
Mean x 75.07
Mean y 61.87
RMS x 72.69
RMS y 56.39
side N [adc counts]
side P [adc counts]

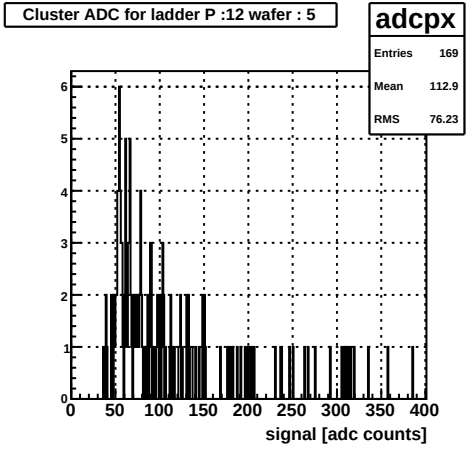

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 2702
Mean 30.12
RMS 34.52
signal [adc counts]

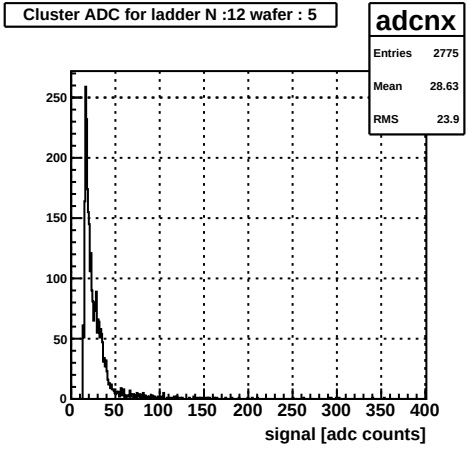

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 920
Mean 37.09
RMS 38.3
signal [adc counts]

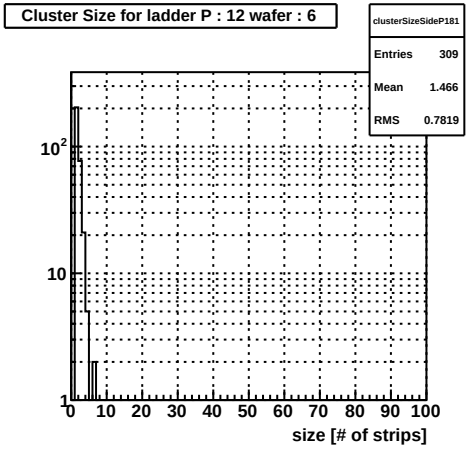

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 169
Mean 1.314
RMS 0.6544
size [# of strips]

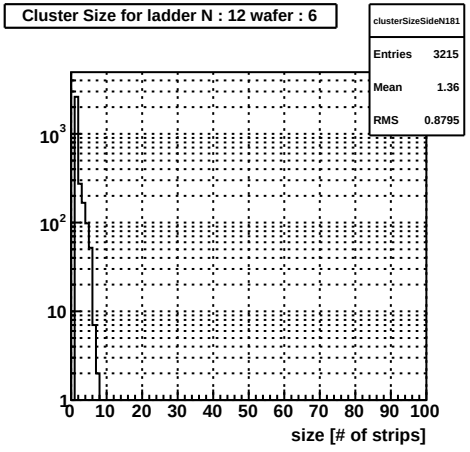

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 2775
Mean 1.215
RMS 0.6186
size [# of strips]

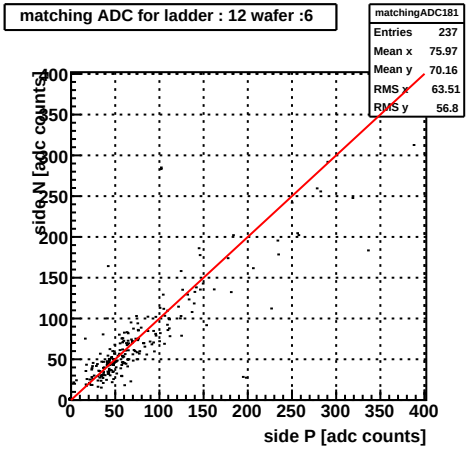

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 148
Mean x 95.88
Mean y 78.45
RMS x 68.64
RMS y 58.27
side N [adc counts]
side P [adc counts]

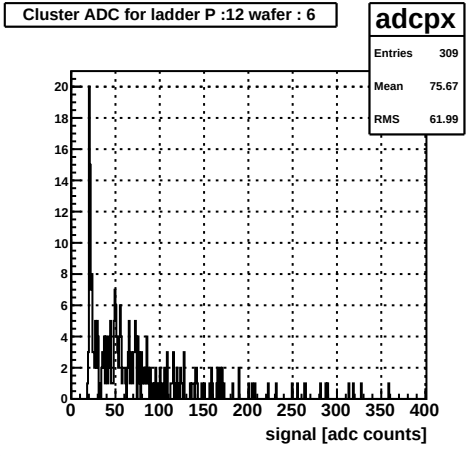

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 169
Mean 112.9
RMS 76.23
signal [adc counts]

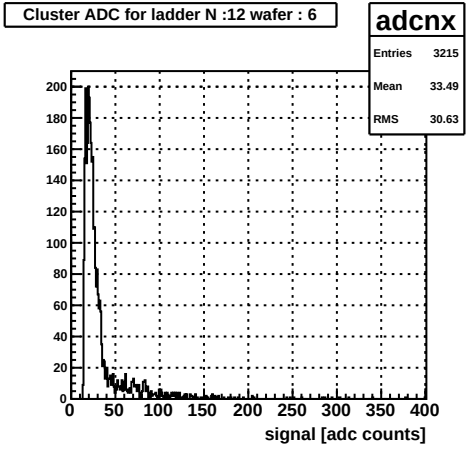

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 2775
Mean 28.63
RMS 23.9
signal [adc counts]

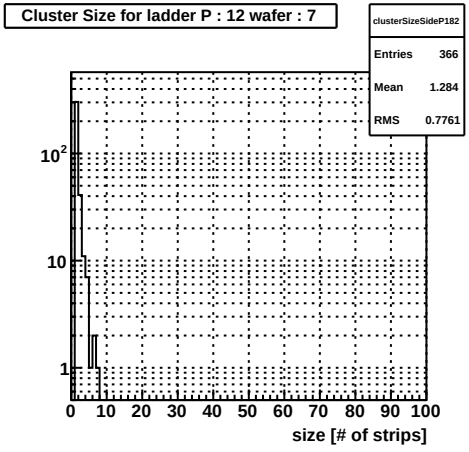

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 309
Mean 1.466
RMS 0.7819
size [# of strips]

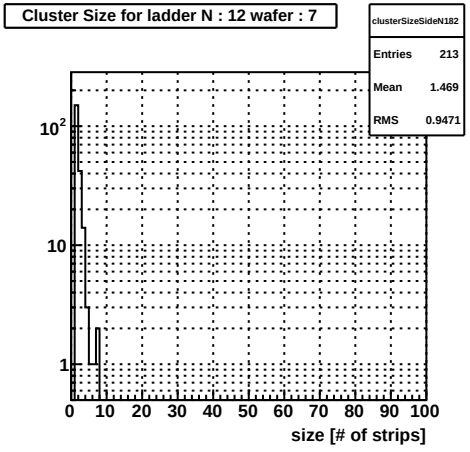

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 3215
Mean 1.36
RMS 0.8795
size [# of strips]

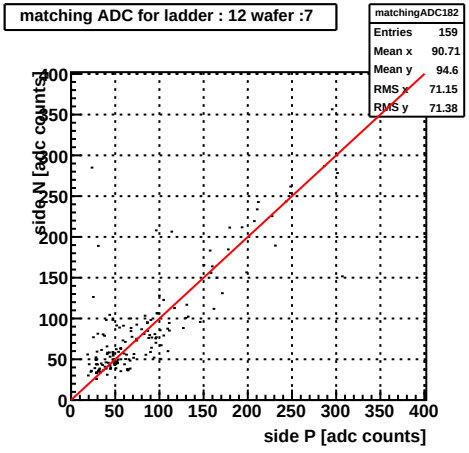

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 237
Mean x 75.97
Mean y 70.16
RMS x 63.51
RMS y 56.8
side N [adc counts]
side P [adc counts]

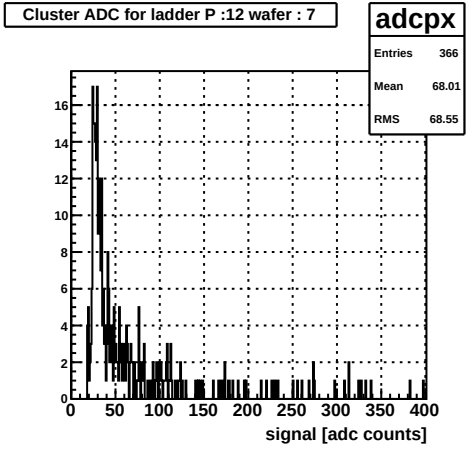

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 309
Mean 75.67
RMS 61.99
signal [adc counts]

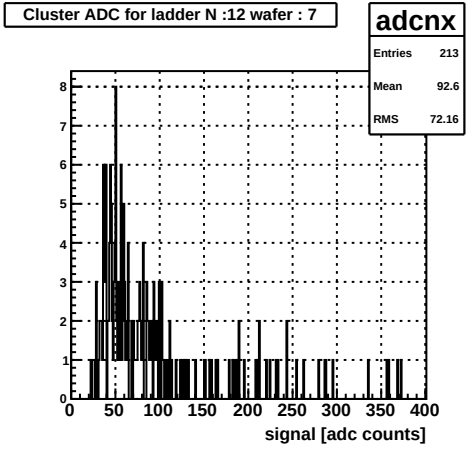

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 3215
Mean 33.49
RMS 30.63
signal [adc counts]

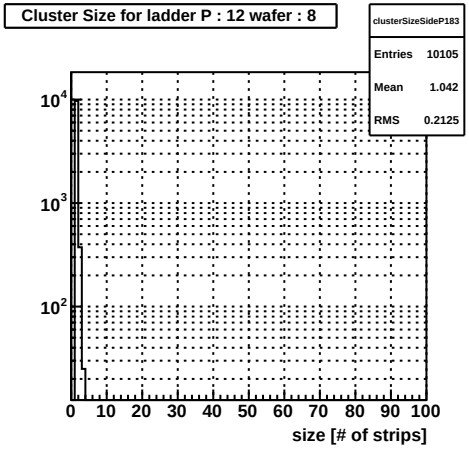

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 366
Mean 1.284
RMS 0.7761
size [# of strips]

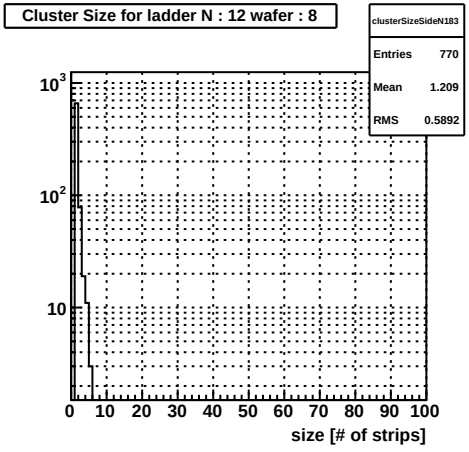

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 213
Mean 1.469
RMS 0.9471
size [# of strips]

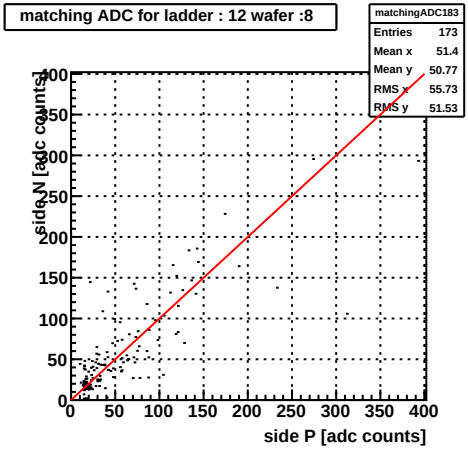

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 159
Mean x 90.71
Mean y 94.6
RMS x 71.15
RMS y 71.38
side N [adc counts]
side P [adc counts]

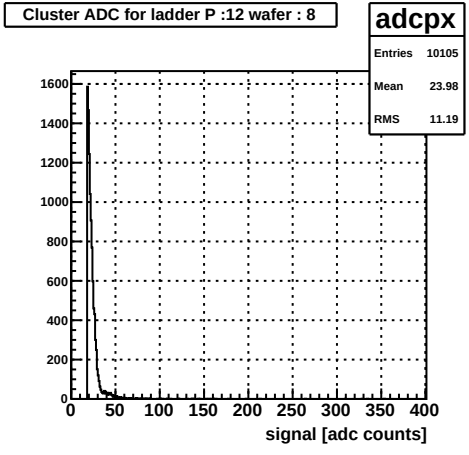

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 366
Mean 68.01
RMS 68.55
signal [adc counts]

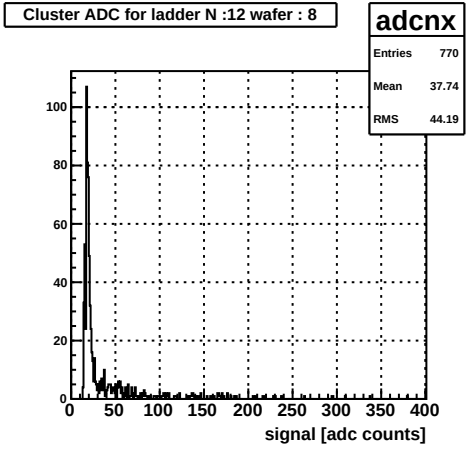

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 213
Mean 92.6
RMS 72.16
signal [adc counts]

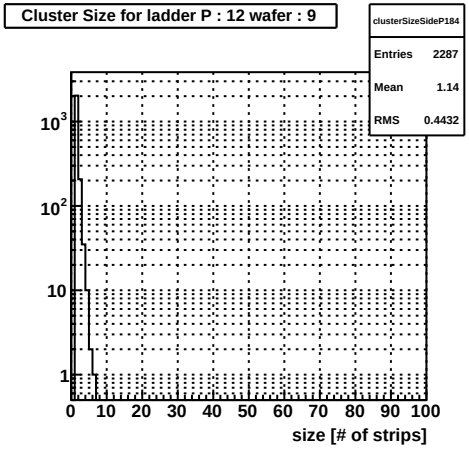

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 10105
Mean 1.042
RMS 0.2125
size [# of strips]

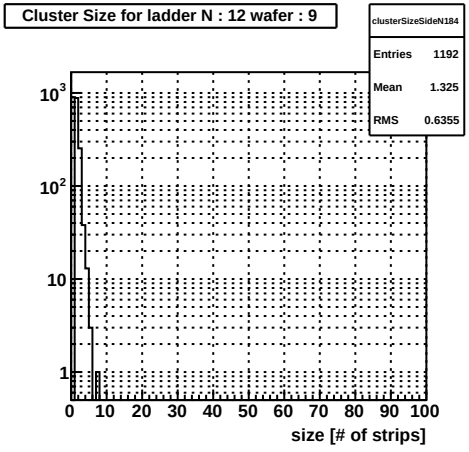

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 770
Mean 1.209
RMS 0.5892
size [# of strips]

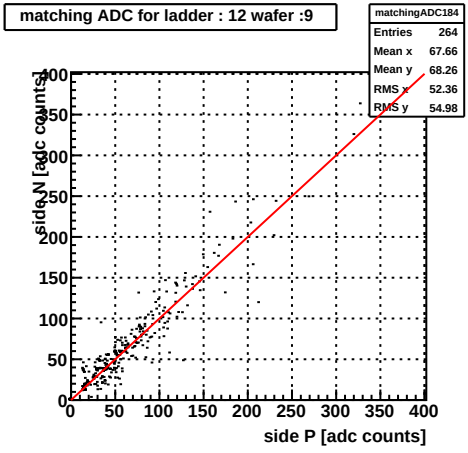

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 173
Mean x 51.4
Mean y 50.77
RMS x 55.73
RMS y 51.53
side N [adc counts]
side P [adc counts]

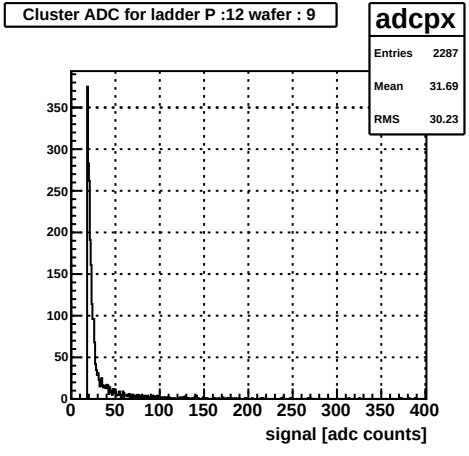

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 10105
Mean 23.98
RMS 11.19
signal [adc counts]

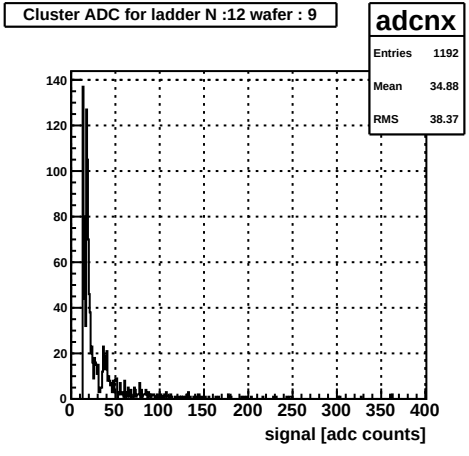

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 770
Mean 37.74
RMS 44.19
signal [adc counts]

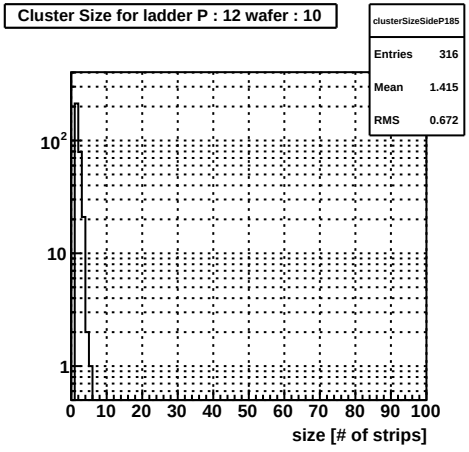

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 2287
Mean 1.14
RMS 0.4432
size [# of strips]

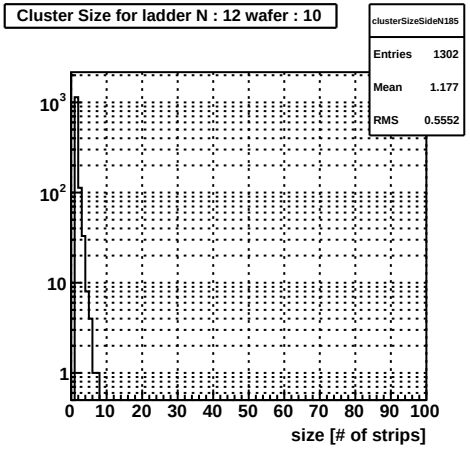

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 1192
Mean 1.325
RMS 0.6355
size [# of strips]

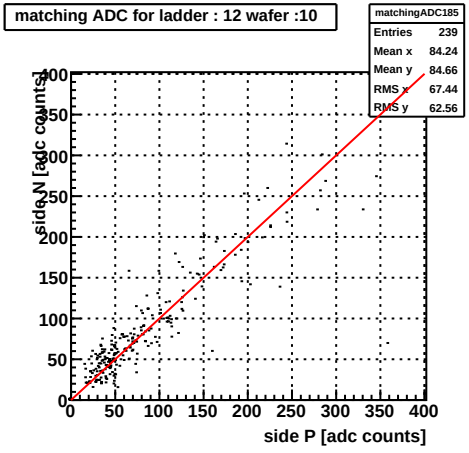

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 264
Mean x 67.66
Mean y 68.26
RMS x 52.36
RMS y 54.98
side N [adc counts]
side P [adc counts]

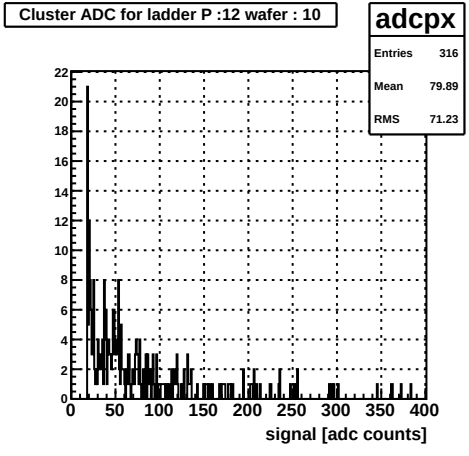

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 2287
Mean 31.69
RMS 30.23
signal [adc counts]

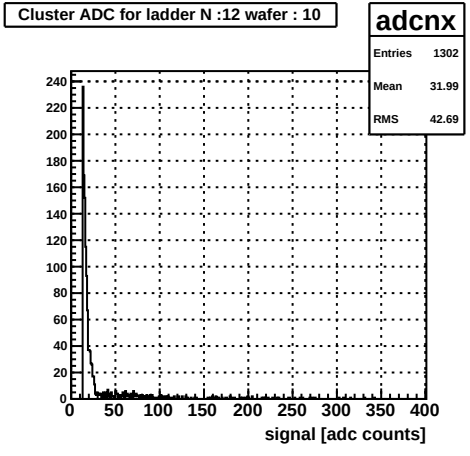

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 1192
Mean 34.88
RMS 38.37
signal [adc counts]

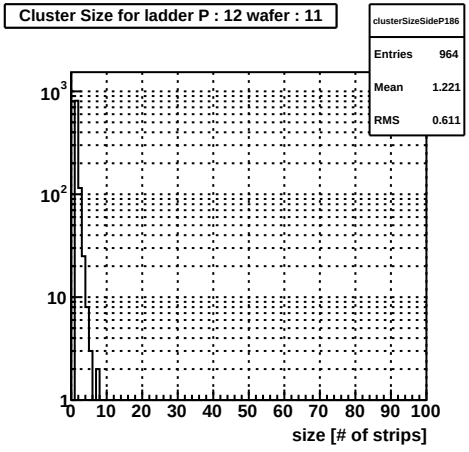

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 316
Mean 1.415
RMS 0.672
size [# of strips]

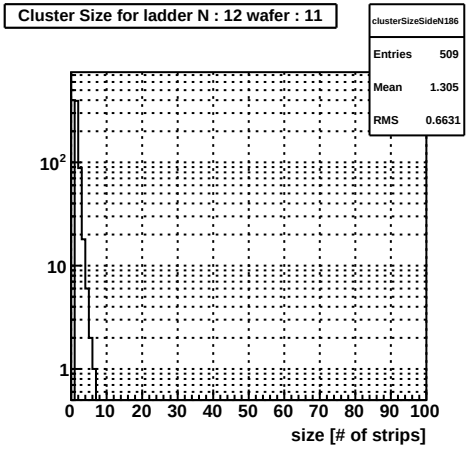

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 1302
Mean 1.177
RMS 0.5552
size [# of strips]

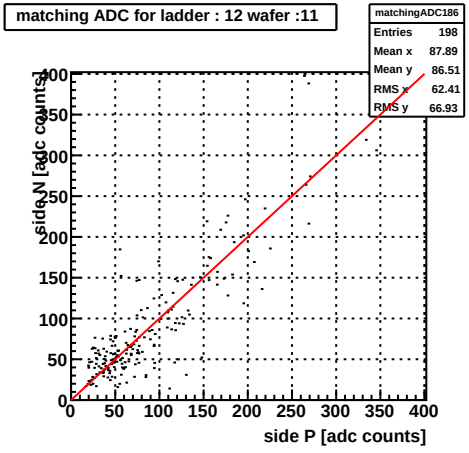

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 239
Mean x 84.24
Mean y 84.66
RMS x 67.44
RMS y 62.56
side N [adc counts]
side P [adc counts]

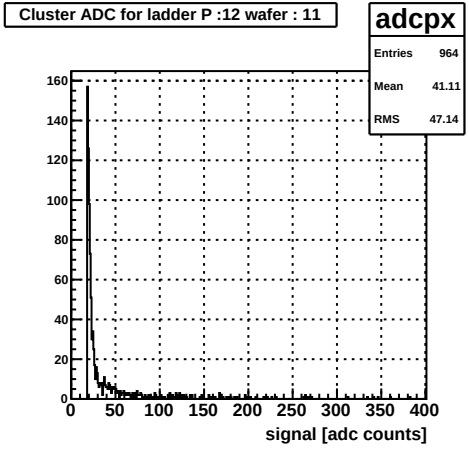

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 316
Mean 79.89
RMS 71.23
signal [adc counts]

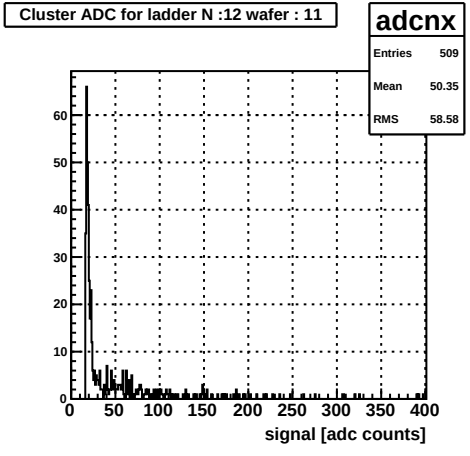

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 1302
Mean 31.99
RMS 42.69
signal [adc counts]

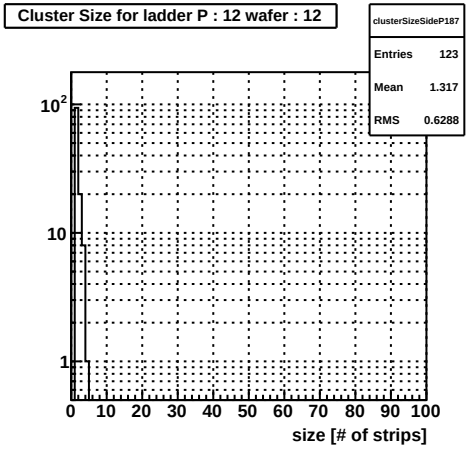

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 964
Mean 1.221
RMS 0.611
size [# of strips]

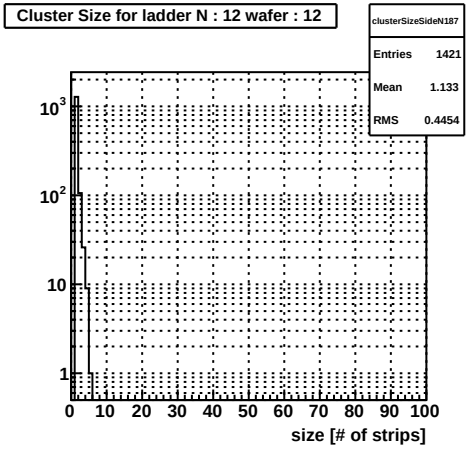

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 509
Mean 1.305
RMS 0.6631
size [# of strips]

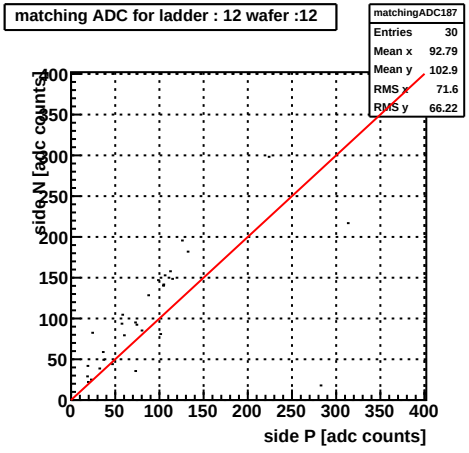

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 198
Mean x 87.89
Mean y 86.51
RMS x 62.41
RMS y 66.93
side N [adc counts]
side P [adc counts]

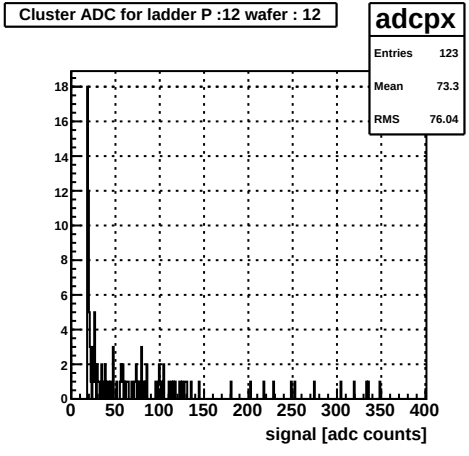

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 964
Mean 41.11
RMS 47.14
signal [adc counts]

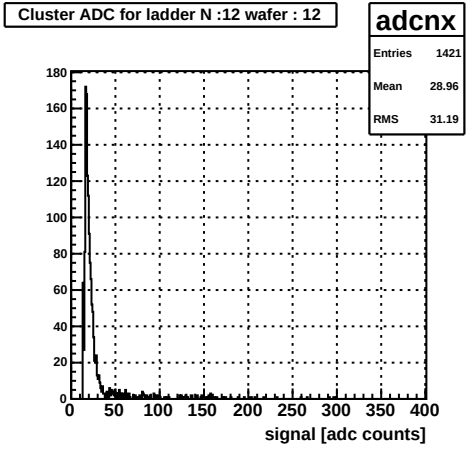

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 509
Mean 50.35
RMS 58.58
signal [adc counts]

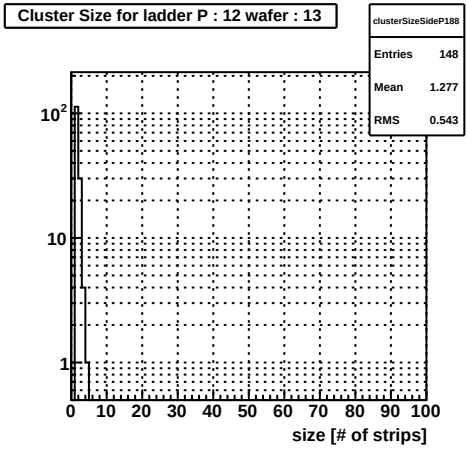

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 123
Mean 1.317
RMS 0.6288
size [# of strips]

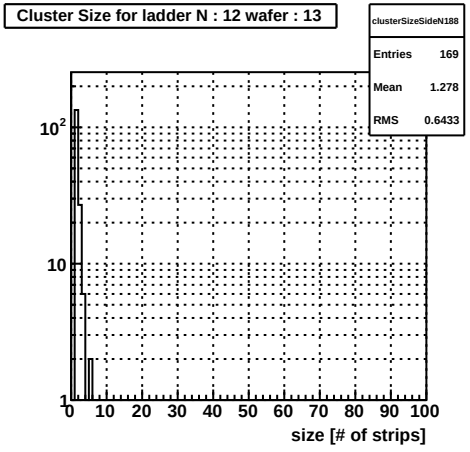

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 1421
Mean 1.133
RMS 0.4454
size [# of strips]

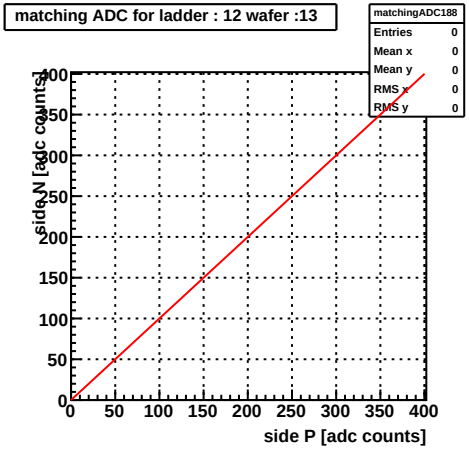

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 30
Mean x 92.79
Mean y 102.9
RMS x 71.6
RMS y 66.22
side N [adc counts]
side P [adc counts]

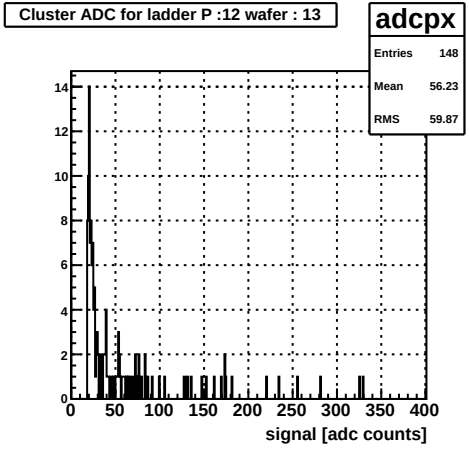

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 123
Mean 73.3
RMS 76.04
signal [adc counts]

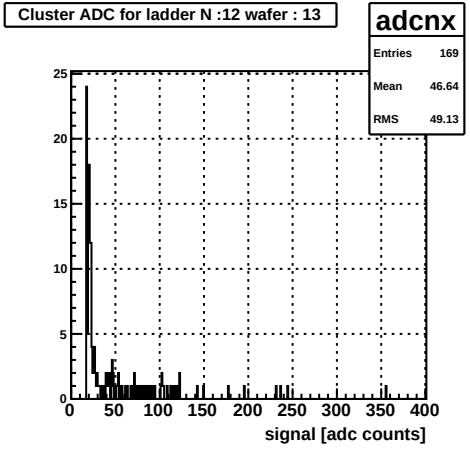

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 1421
Mean 28.96
RMS 31.19
signal [adc counts]

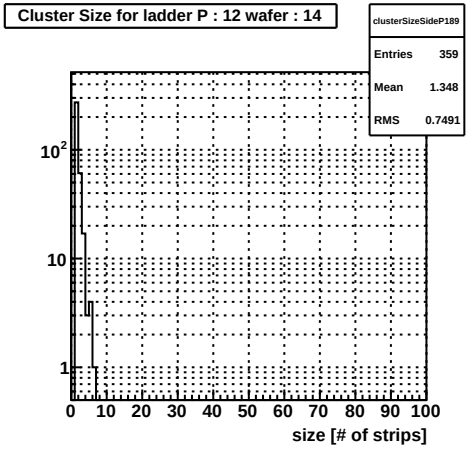

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 148
Mean 1.277
RMS 0.543
size [# of strips]

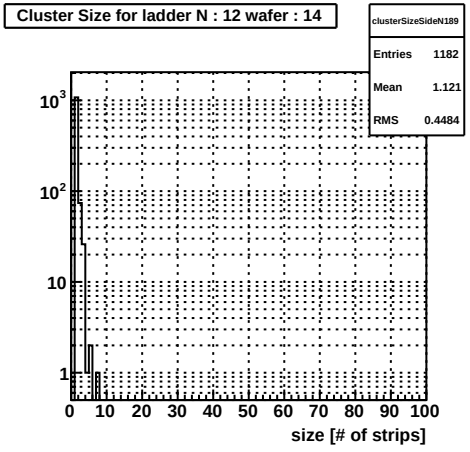

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 169
Mean 1.278
RMS 0.6433
size [# of strips]

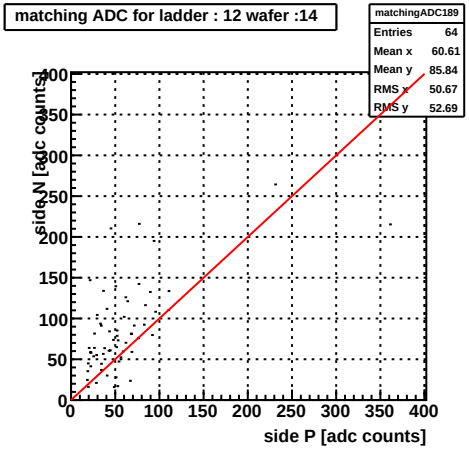

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

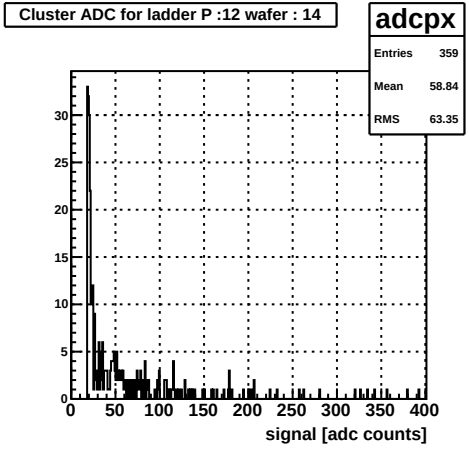

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 148
Mean 56.23
RMS 59.87
signal [adc counts]

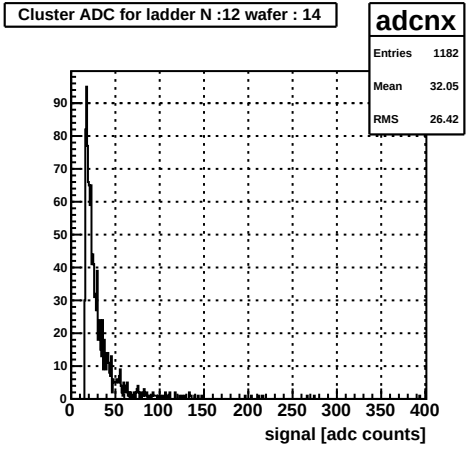

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 169
Mean 46.64
RMS 49.13
signal [adc counts]

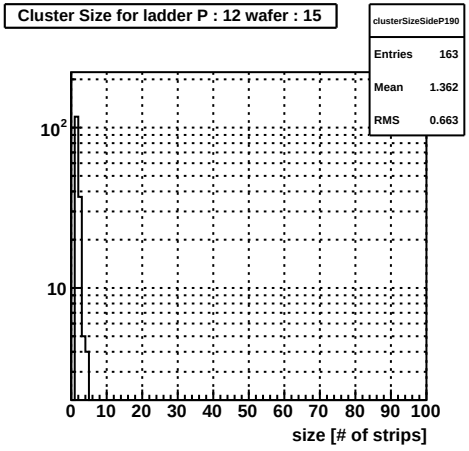

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 359
Mean 1.348
RMS 0.7491
size [# of strips]

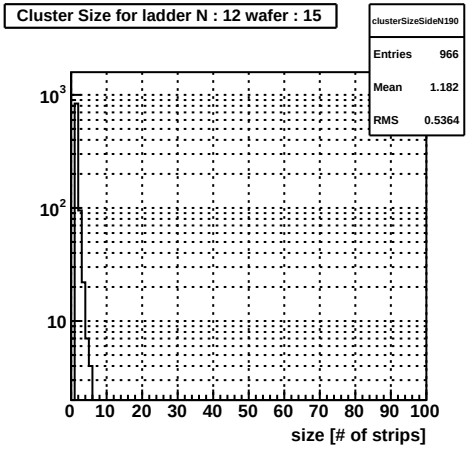

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 1182
Mean 1.121
RMS 0.4484
size [# of strips]

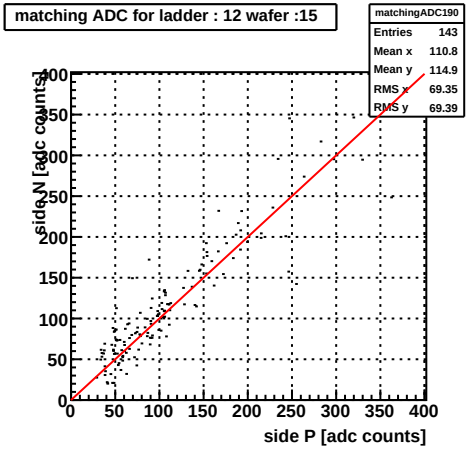

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 64
Mean x 60.61
Mean y 85.84
RMS x 50.67
RMS y 52.69
side N [adc counts]
side P [adc counts]

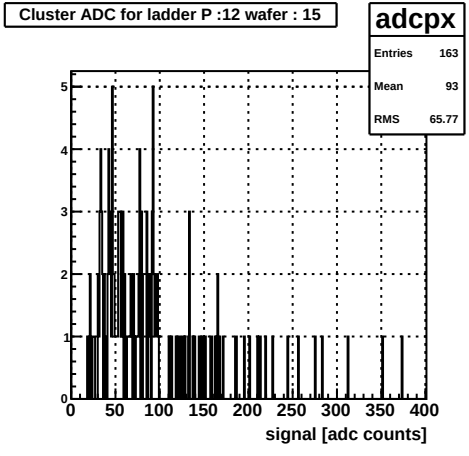

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 359
Mean 58.84
RMS 63.35
signal [adc counts]

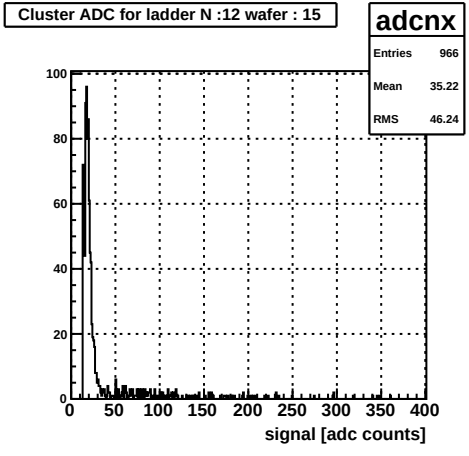

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 1182
Mean 32.05
RMS 26.42
signal [adc counts]

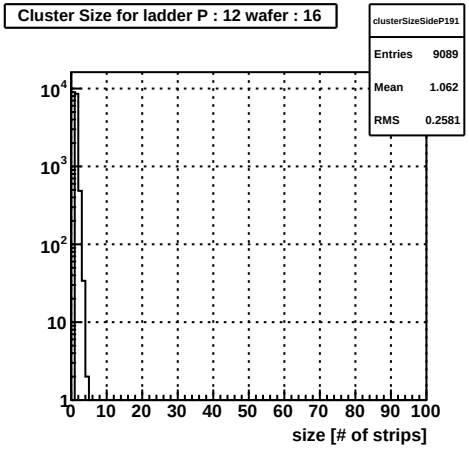

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 163
Mean 1.362
RMS 0.663
size [# of strips]

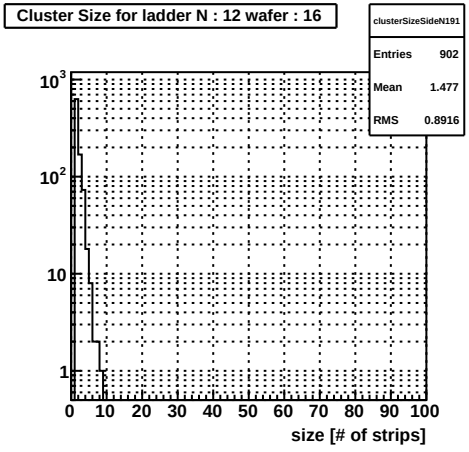

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 966
Mean 1.182
RMS 0.5364
size [# of strips]

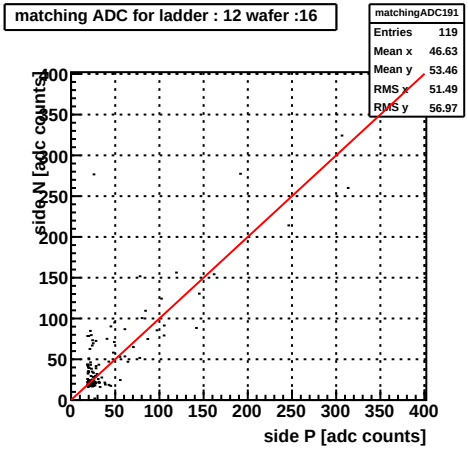

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 143
Mean x 110.8
Mean y 114.9
RMS x 69.35
RMS y 69.39
side N [adc counts]
side P [adc counts]

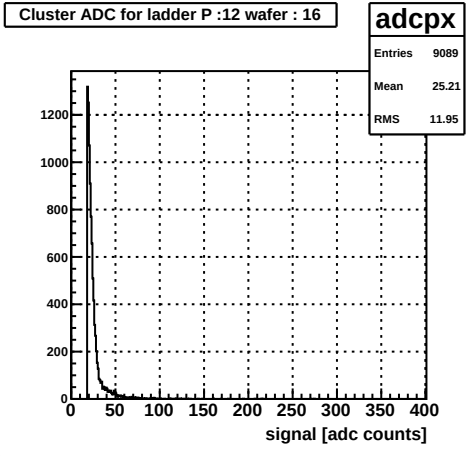

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 163
Mean 93
RMS 65.77
signal [adc counts]

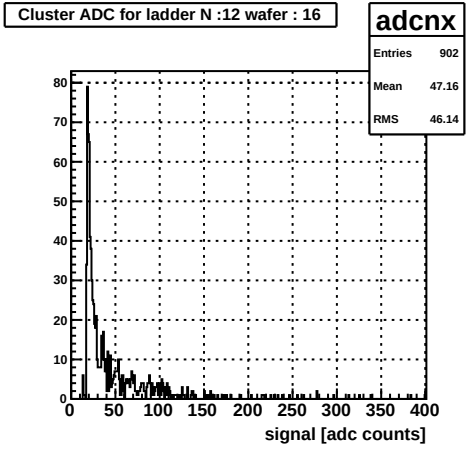

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 966
Mean 35.22
RMS 46.24
signal [adc counts]

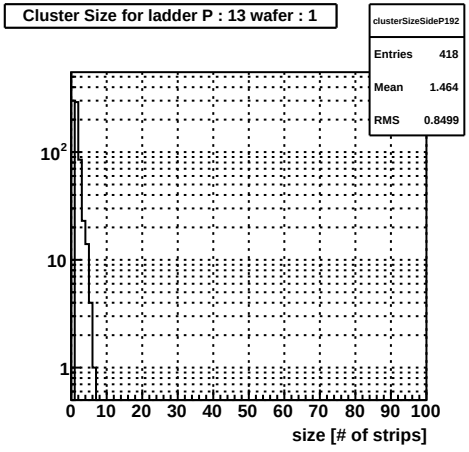

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 9089
Mean 1.062
RMS 0.2581
size [# of strips]

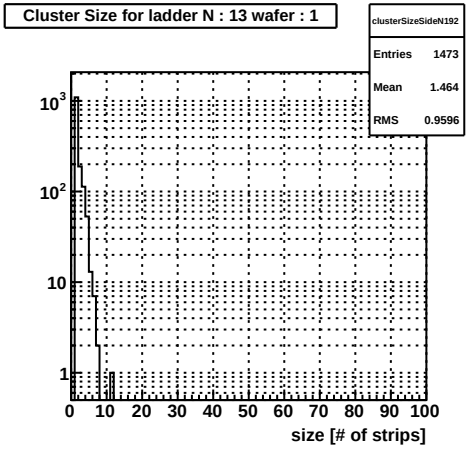

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 902
Mean 1.477
RMS 0.8916
size [# of strips]

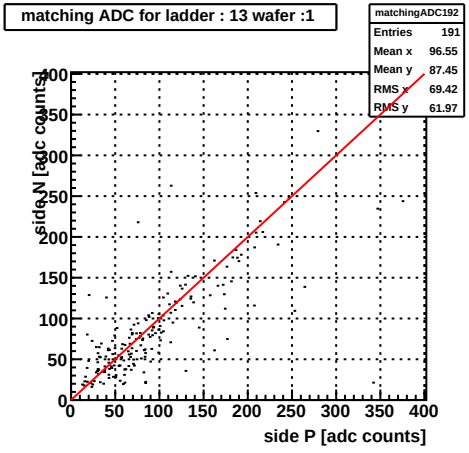

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 119
Mean x 46.63
Mean y 53.46
RMS x 51.49
RMS y 56.97
side N [adc counts]
side P [adc counts]

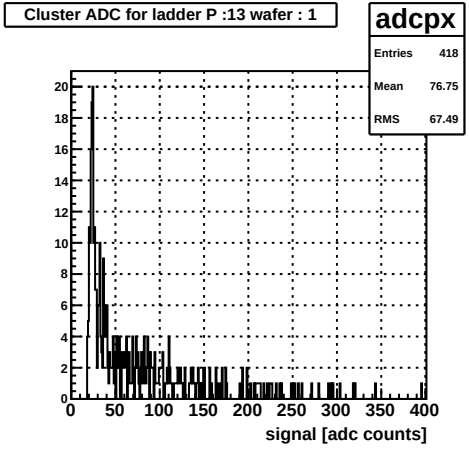

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 9089
Mean 25.21
RMS 11.95
signal [adc counts]

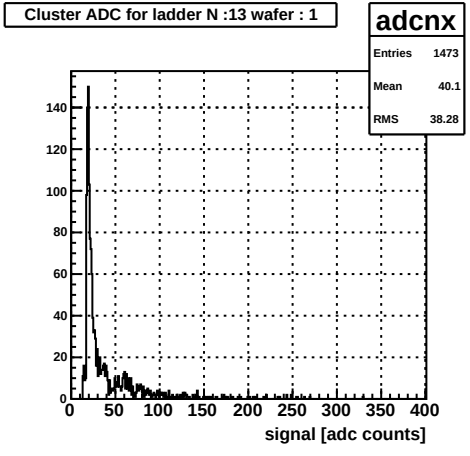

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 902
Mean 47.16
RMS 46.14
signal [adc counts]

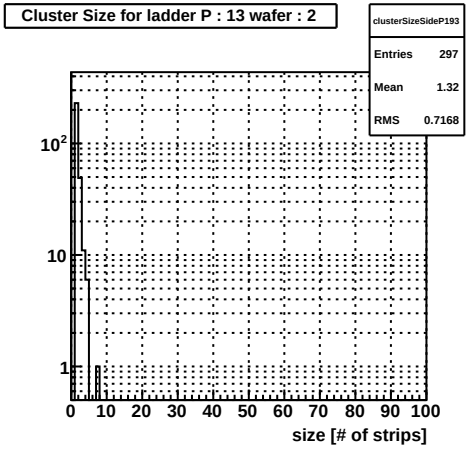

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 418
Mean 1.464
RMS 0.8499
size [# of strips]

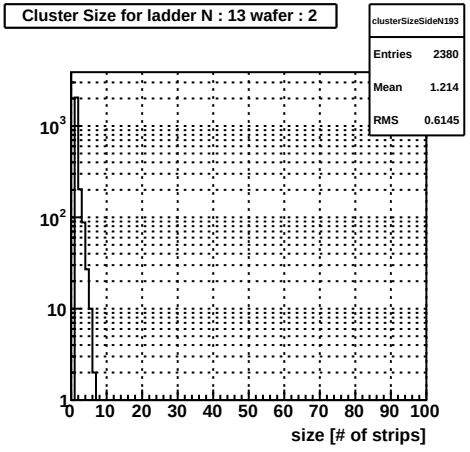

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 1473
Mean 1.464
RMS 0.9596
size [# of strips]

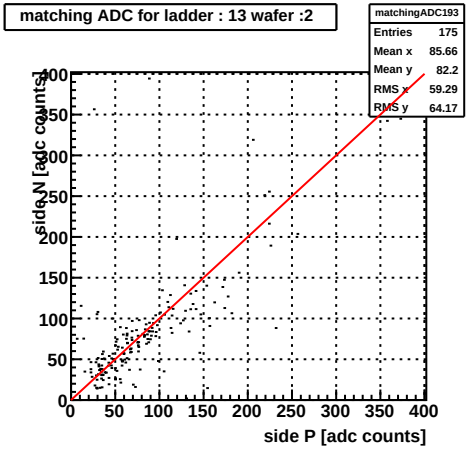

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 191
Mean x 96.55
Mean y 87.45
RMS x 69.42
RMS y 61.97
side N [adc counts]
side P [adc counts]

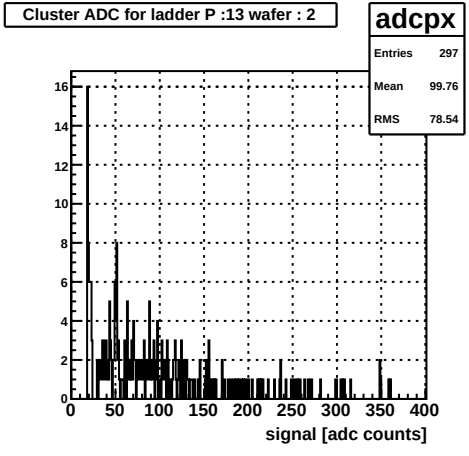

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 418
Mean 76.75
RMS 67.49
signal [adc counts]

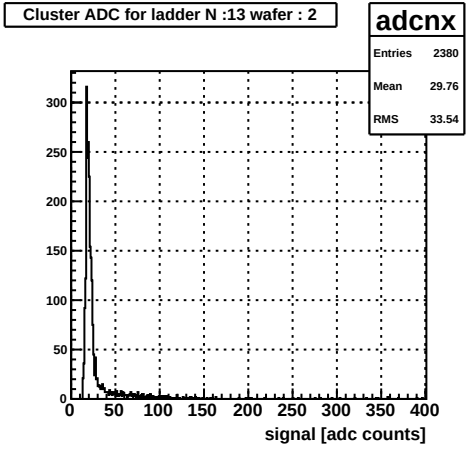

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 1473
Mean 40.1
RMS 38.28
signal [adc counts]

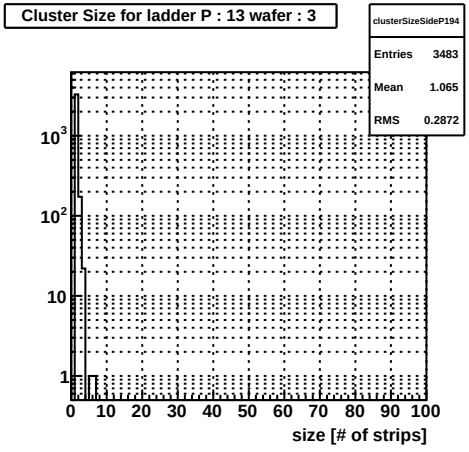

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 297
Mean 1.32
RMS 0.7168
size [# of strips]

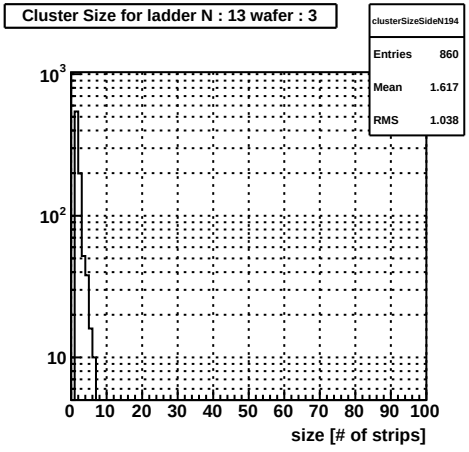

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 2380
Mean 1.214
RMS 0.6145
size [# of strips]

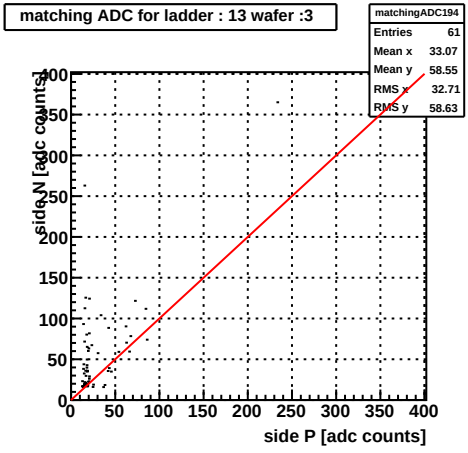

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 175
Mean x 85.66
Mean y 82.2
RMS x 59.29
RMS y 64.17
side N [adc counts]
side P [adc counts]

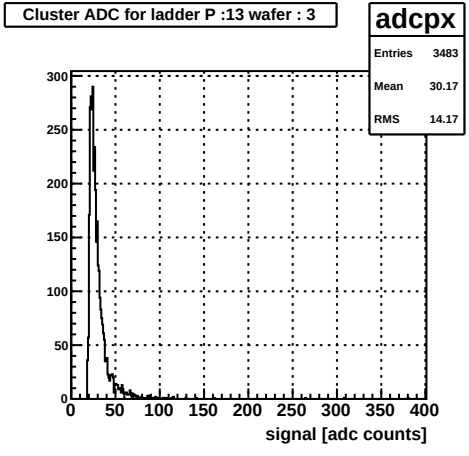

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 297
Mean 99.76
RMS 78.54
signal [adc counts]

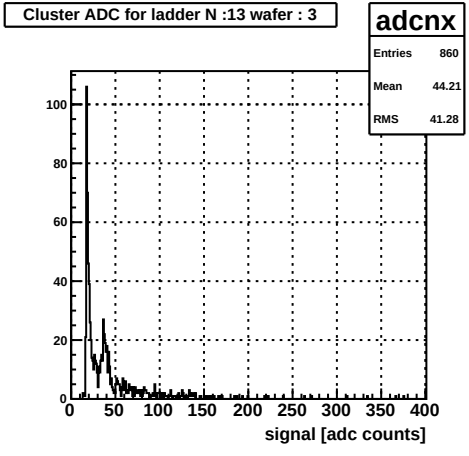

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 2380
Mean 29.76
RMS 33.54
signal [adc counts]

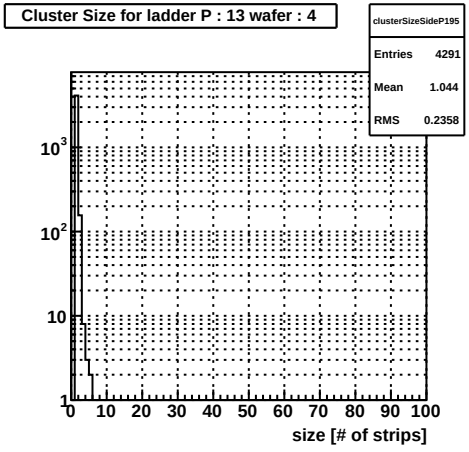

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 3483
Mean 1.065
RMS 0.2872
size [# of strips]

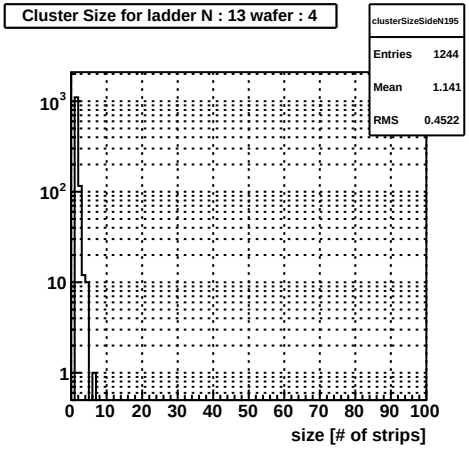

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 860
Mean 1.617
RMS 1.038
size [# of strips]

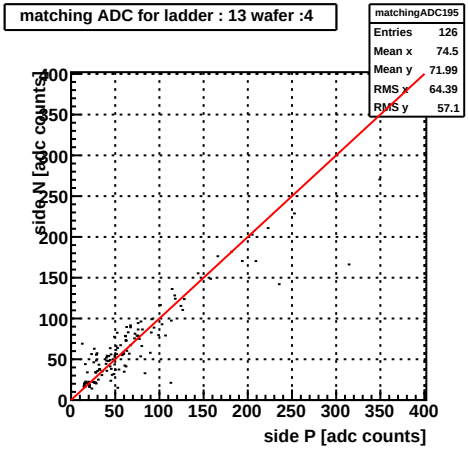

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 61
Mean x 33.07
Mean y 58.55
RMS x 32.71
RMS y 58.63
side N [adc counts]
side P [adc counts]

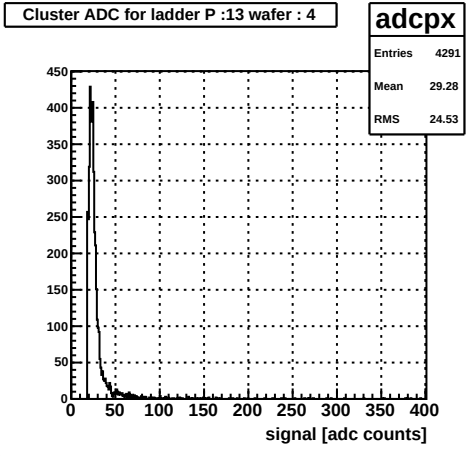

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 3483
Mean 30.17
RMS 14.17
signal [adc counts]

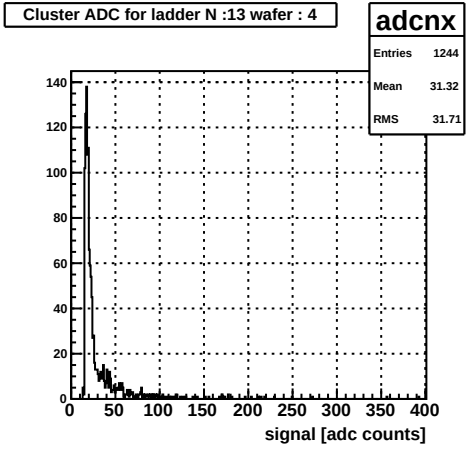

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 860
Mean 44.21
RMS 41.28
signal [adc counts]

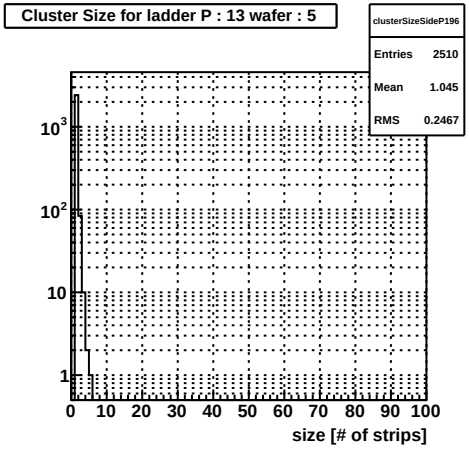

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 4291
Mean 1.044
RMS 0.2358
size [# of strips]

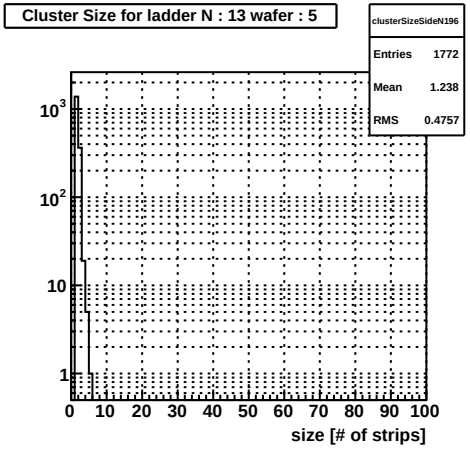

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 1244
Mean 1.141
RMS 0.4522
size [# of strips]

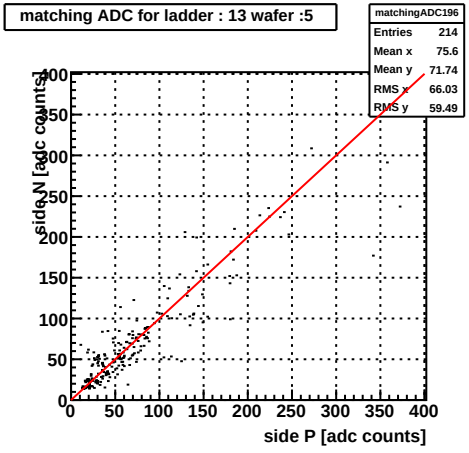

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 126
Mean x 74.5
Mean y 71.99
RMS x 64.39
RMS y 57.1
side N [adc counts]
side P [adc counts]

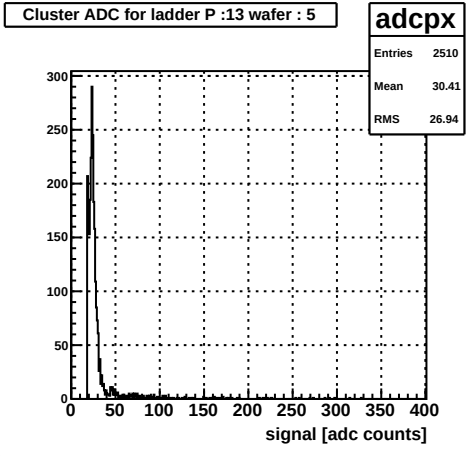

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 4291
Mean 29.28
RMS 24.53
signal [adc counts]

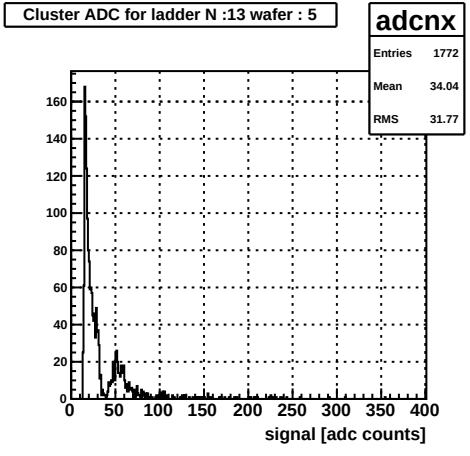

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 1244
Mean 31.32
RMS 31.71
signal [adc counts]

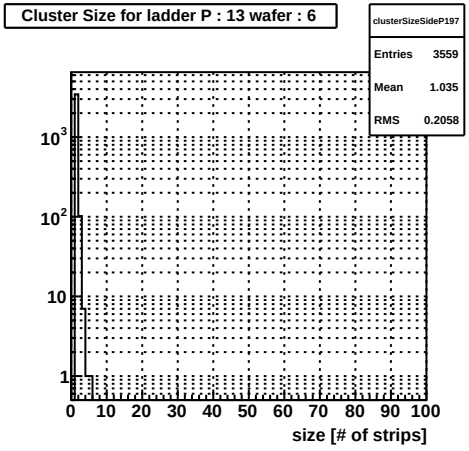

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 2510
Mean 1.045
RMS 0.2467
size [# of strips]

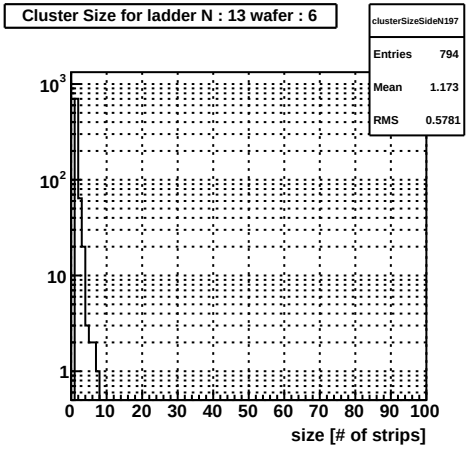

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 1772
Mean 1.238
RMS 0.4757
size [# of strips]

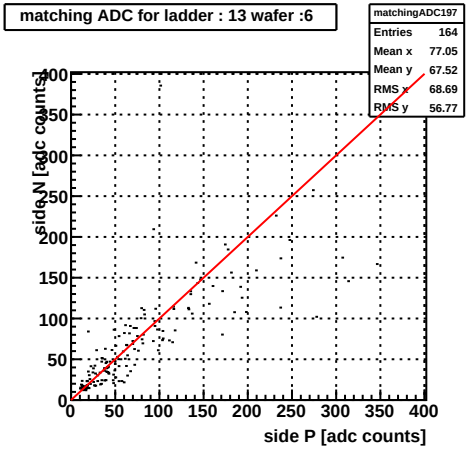

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 214
Mean x 75.6
Mean y 71.74
RMS x 66.03
RMS y 59.49
side N [adc counts]
side P [adc counts]

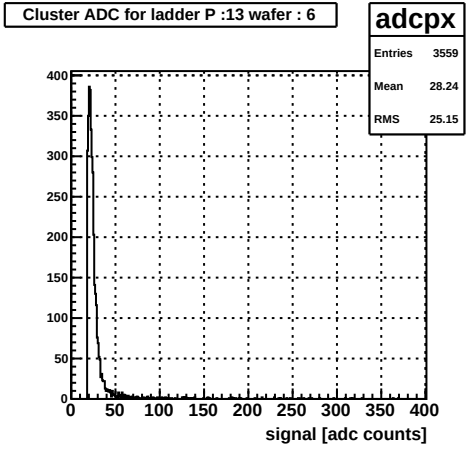

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 2510
Mean 30.41
RMS 26.94
signal [adc counts]

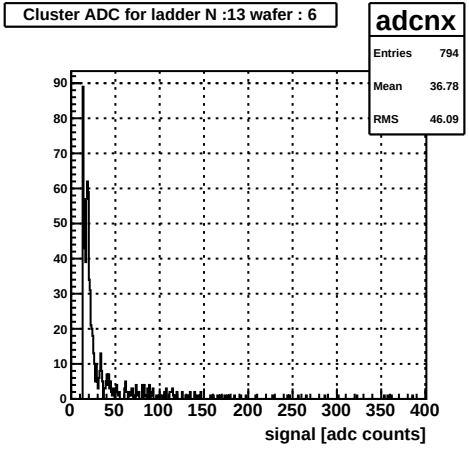

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 1772
Mean 34.04
RMS 31.77
signal [adc counts]

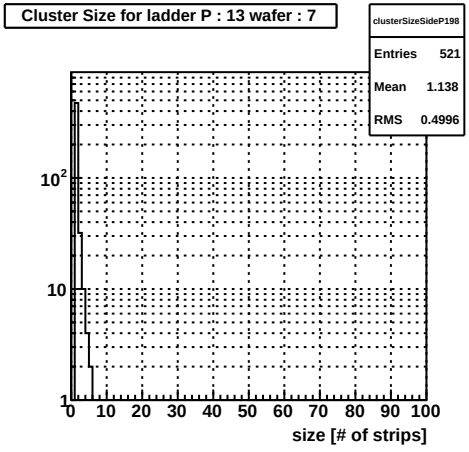

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 3559
Mean 1.035
RMS 0.2058
size [# of strips]

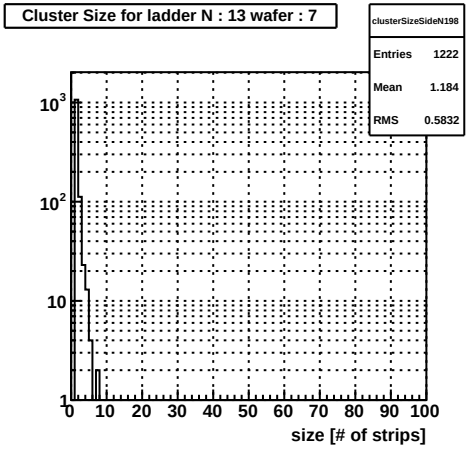

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 794
Mean 1.173
RMS 0.5781
size [# of strips]

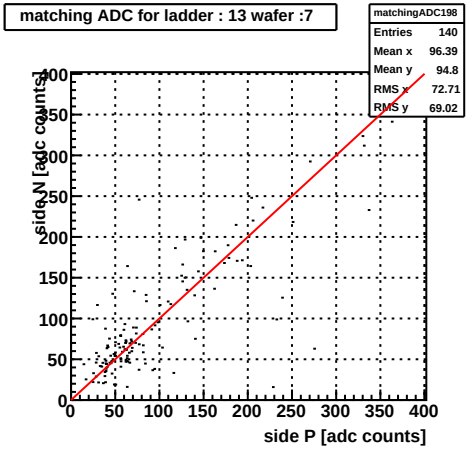

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 164
Mean x 77.05
Mean y 67.52
RMS x 68.69
RMS y 56.77
side N [adc counts]
side P [adc counts]

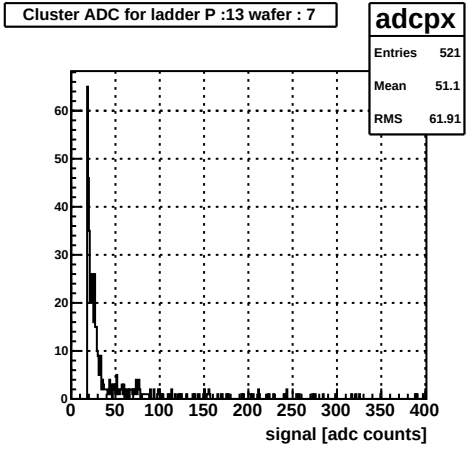

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 3559
Mean 28.24
RMS 25.15
signal [adc counts]

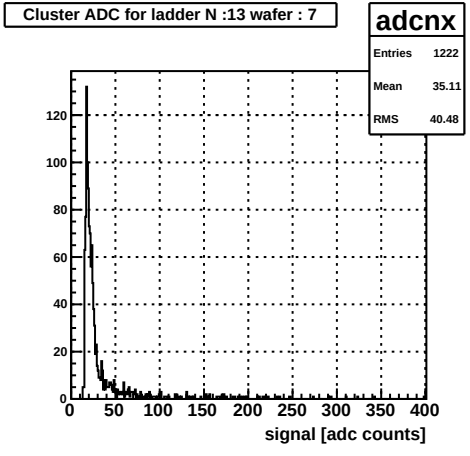

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 794
Mean 36.78
RMS 46.09
signal [adc counts]

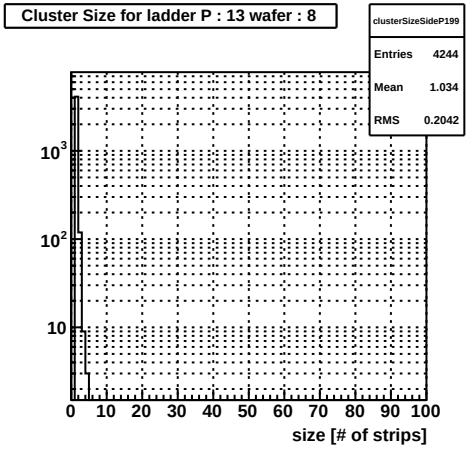

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 521
Mean 1.138
RMS 0.4996
size [# of strips]

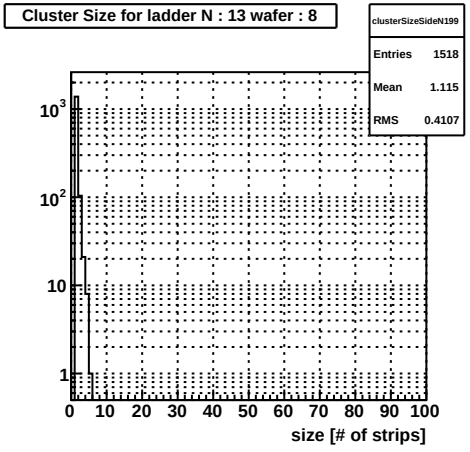

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 1222
Mean 1.184
RMS 0.5832
size [# of strips]

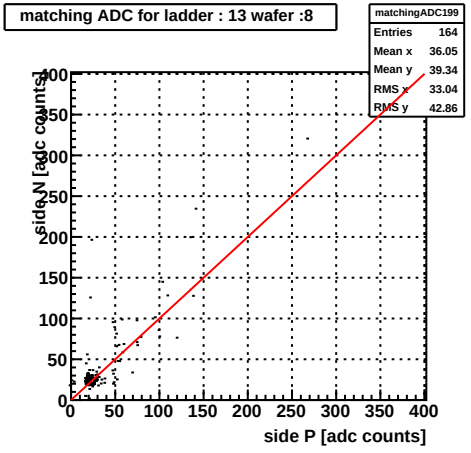

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 140
Mean x 96.39
Mean y 94.8
RMS x 72.71
RMS y 69.02
side N [adc counts]
side P [adc counts]

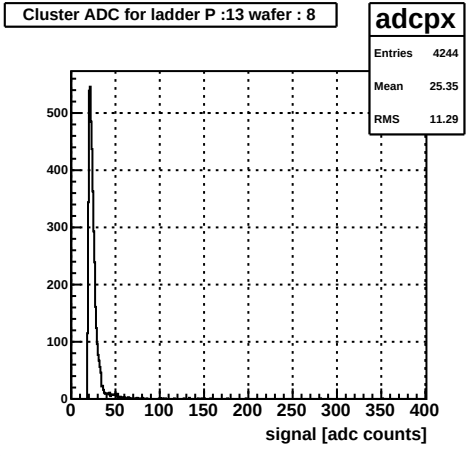

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 521
Mean 51.1
RMS 61.91
signal [adc counts]

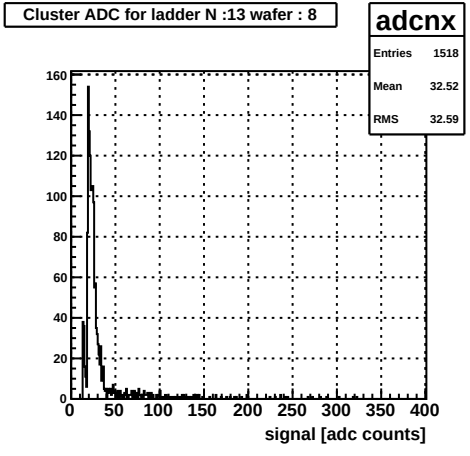

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 1222
Mean 35.11
RMS 40.48
signal [adc counts]

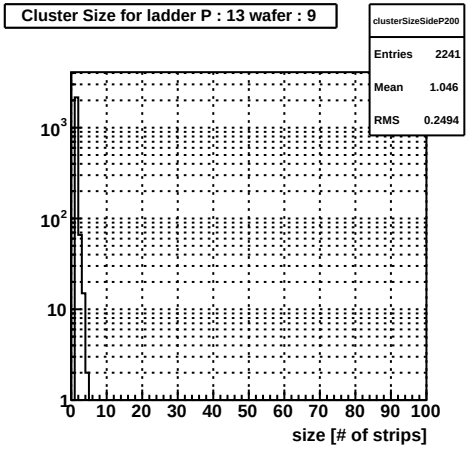

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 4244
Mean 1.034
RMS 0.2042
size [# of strips]

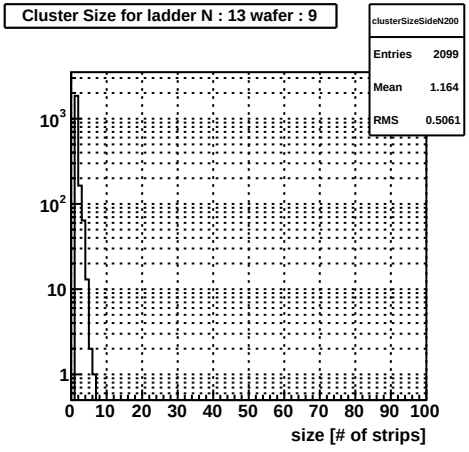

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 1518
Mean 1.115
RMS 0.4107
size [# of strips]

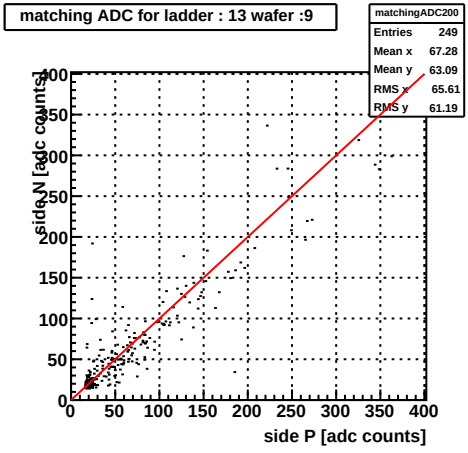

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 164
Mean x 36.05
Mean y 39.34
RMS x 33.04
RMS y 42.86
side N [adc counts]
side P [adc counts]

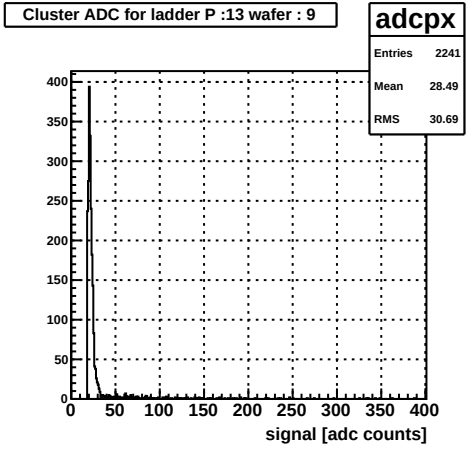

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 4244
Mean 25.35
RMS 11.29
signal [adc counts]

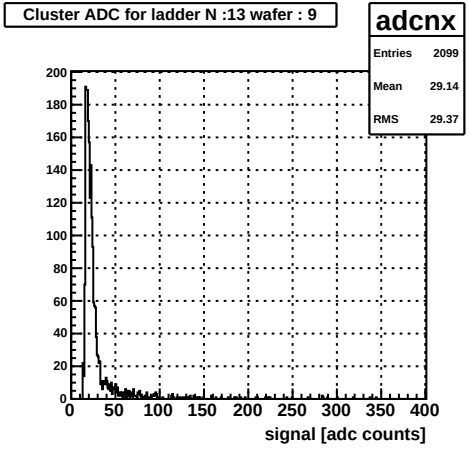

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 1518
Mean 32.52
RMS 32.59
signal [adc counts]

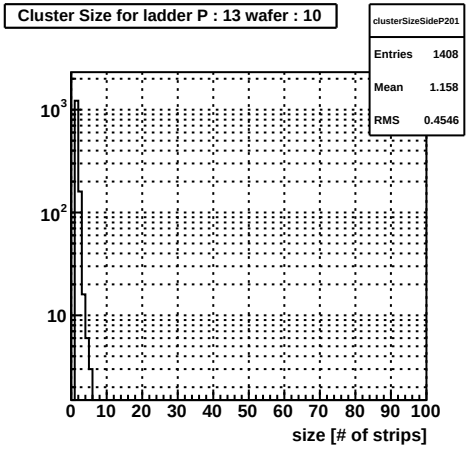

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 2241
Mean 1.046
RMS 0.2494
size [# of strips]

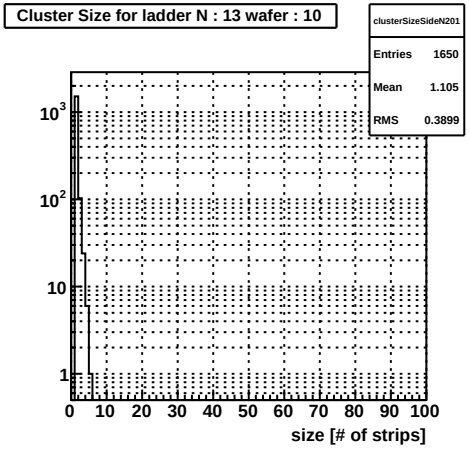

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 2099
Mean 1.164
RMS 0.5061
size [# of strips]

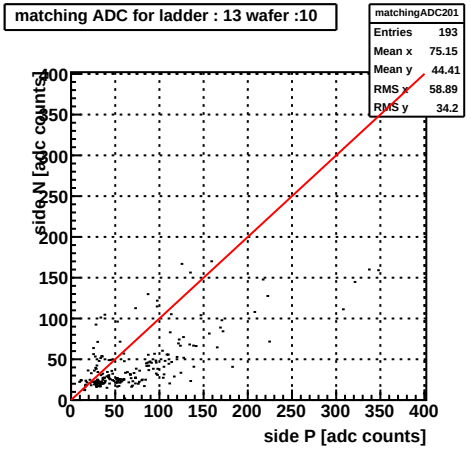

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 249
Mean x 67.28
Mean y 63.09
RMS x 65.61
RMS y 61.19
side N [adc counts]
side P [adc counts]

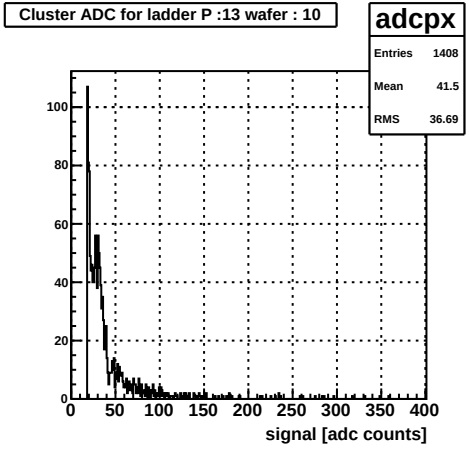

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 2241
Mean 28.49
RMS 30.69
signal [adc counts]

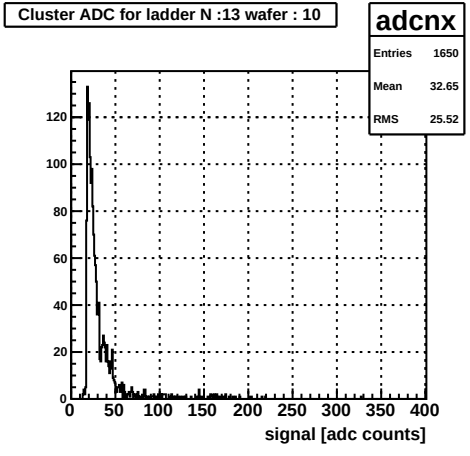

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 2099
Mean 29.14
RMS 29.37
signal [adc counts]

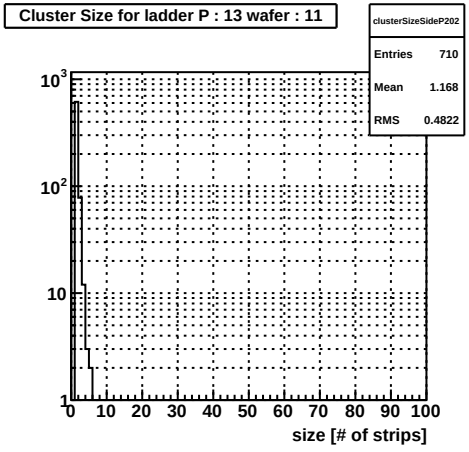

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 1408
Mean 1.158
RMS 0.4546
size [# of strips]

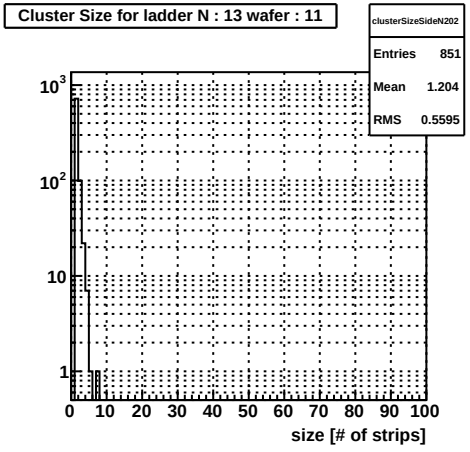

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 1650
Mean 1.105
RMS 0.3899
size [# of strips]

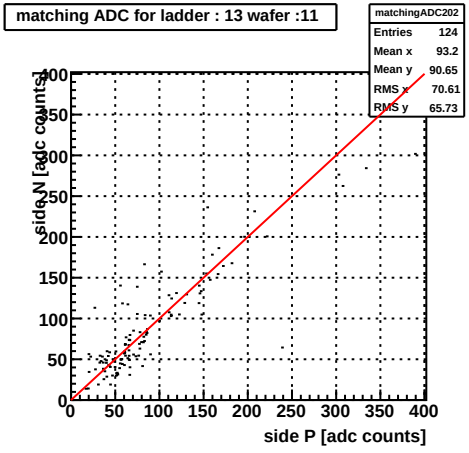

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 193
Mean x 75.15
Mean y 44.41
RMS x 58.89
RMS y 34.2
side N [adc counts]
side P [adc counts]

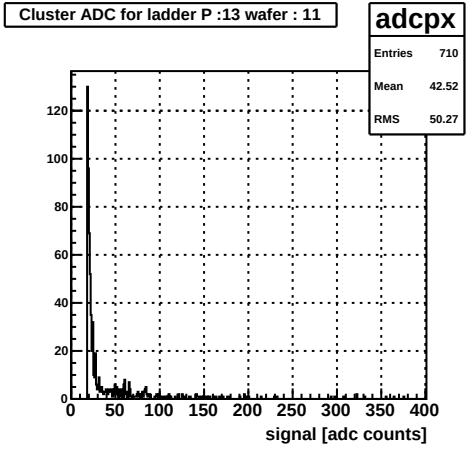

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 1408
Mean 41.5
RMS 36.69
signal [adc counts]

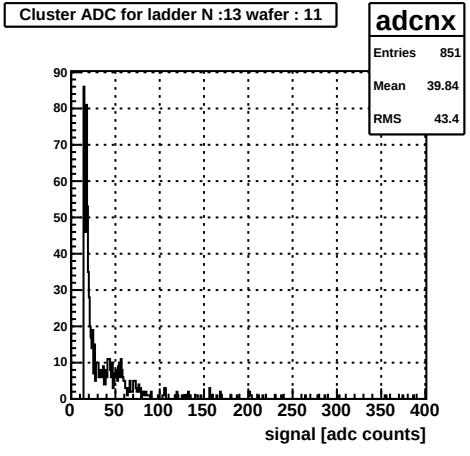

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 1650
Mean 32.65
RMS 25.52
signal [adc counts]

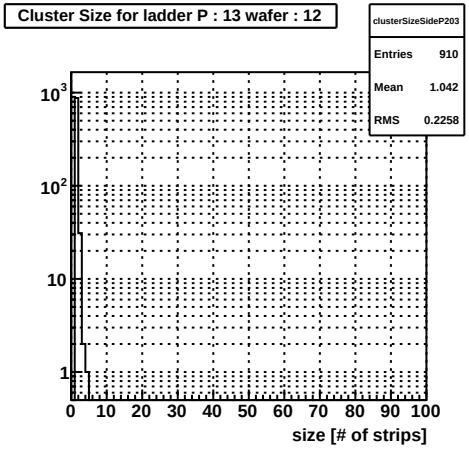

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 710
Mean 1.168
RMS 0.4822
size [# of strips]

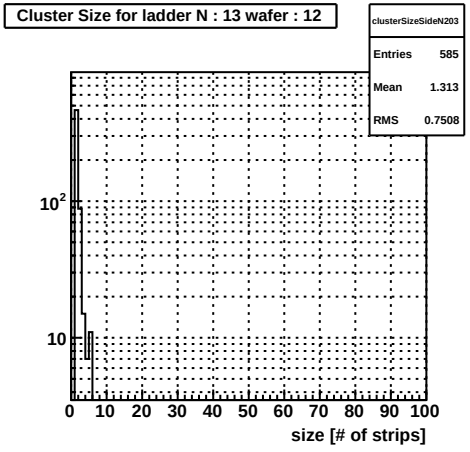

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 851
Mean 1.204
RMS 0.5595
size [# of strips]

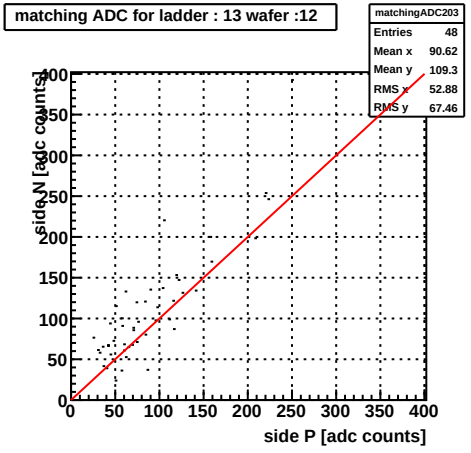

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 124
Mean x 93.2
Mean y 90.65
RMS x 70.61
RMS y 65.73
side N [adc counts]
side P [adc counts]

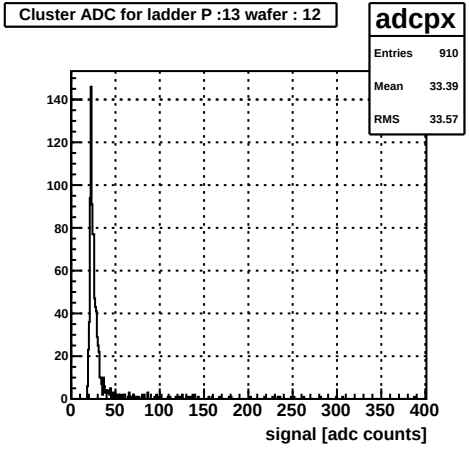

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 710
Mean 42.52
RMS 50.27
signal [adc counts]

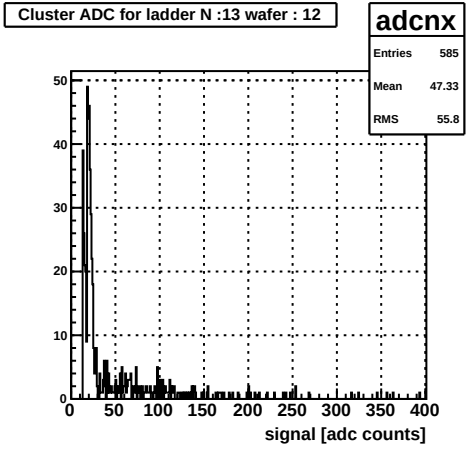

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 851
Mean 39.84
RMS 43.4
signal [adc counts]

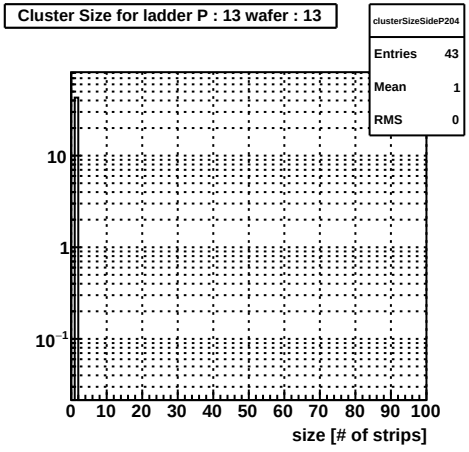

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 910
Mean 1.042
RMS 0.2258
size [# of strips]

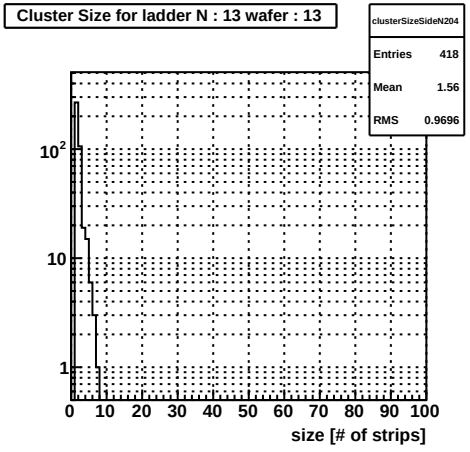

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 585
Mean 1.313
RMS 0.7508
size [# of strips]

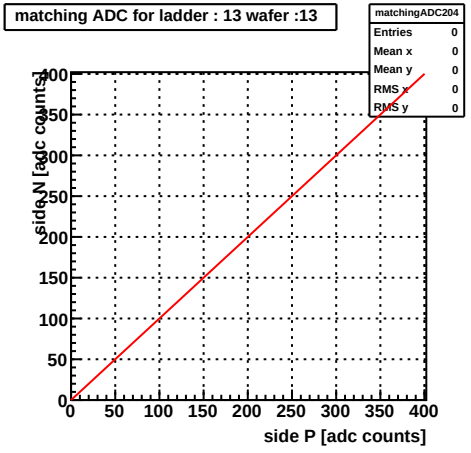

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 48
Mean x 90.62
Mean y 109.3
RMS x 52.88
RMS y 67.46
side N [adc counts]
side P [adc counts]

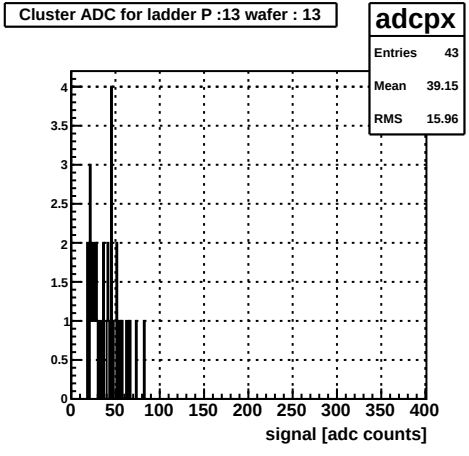

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 910
Mean 33.39
RMS 33.57
signal [adc counts]

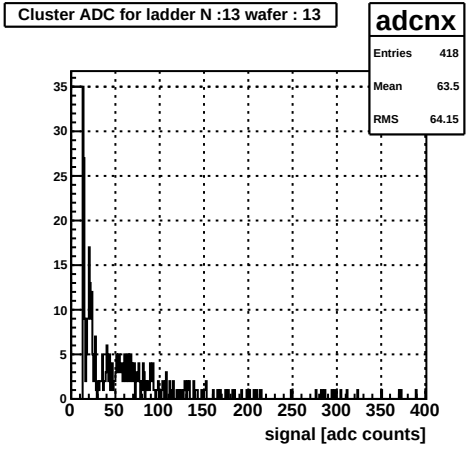

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 585
Mean 47.33
RMS 55.8
signal [adc counts]

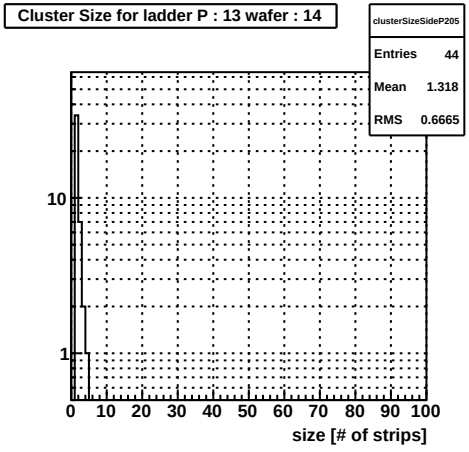

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 43
Mean 1
RMS 0
size [# of strips]

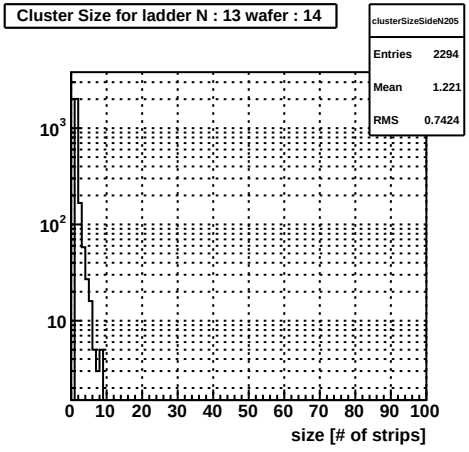

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 418
Mean 1.56
RMS 0.9696
size [# of strips]

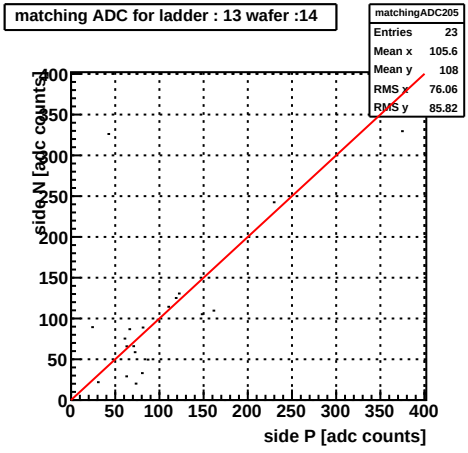

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

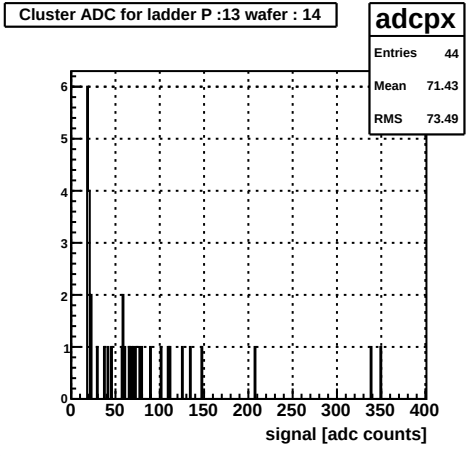

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 43
Mean 39.15
RMS 15.96
signal [adc counts]

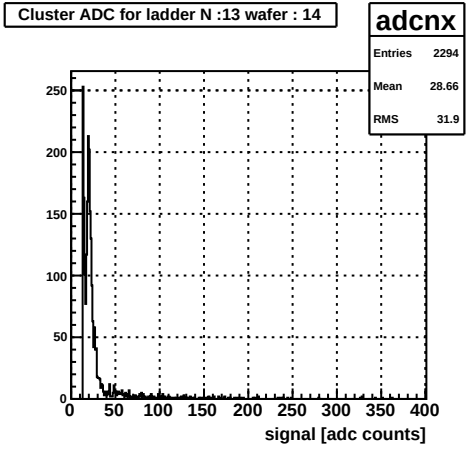

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 418
Mean 63.5
RMS 64.15
signal [adc counts]

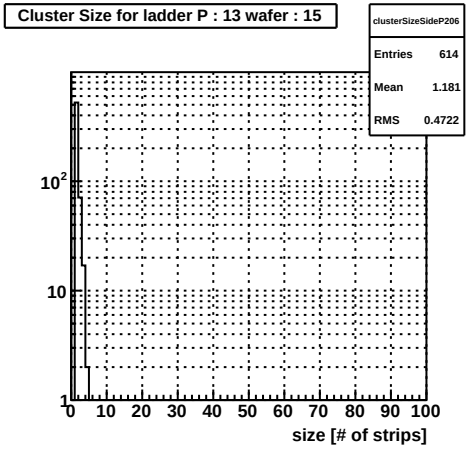

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 44
Mean 1.318
RMS 0.6665
size [# of strips]

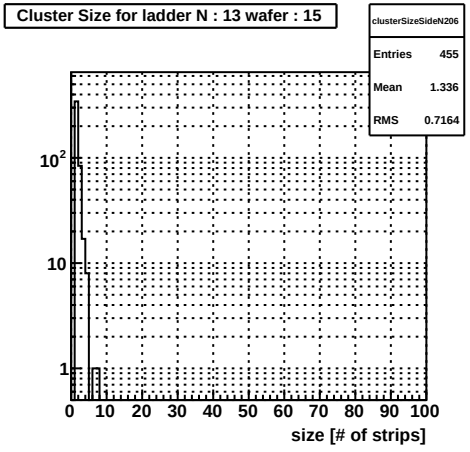

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 2294
Mean 1.221
RMS 0.7424
size [# of strips]

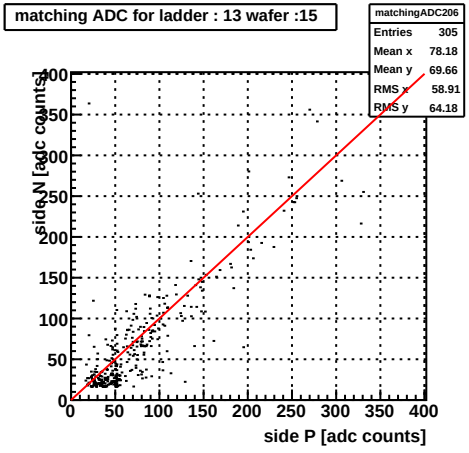

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 23
Mean x 105.6
Mean y 108
RMS x 76.06
RMS y 85.82
side N [adc counts]
side P [adc counts]

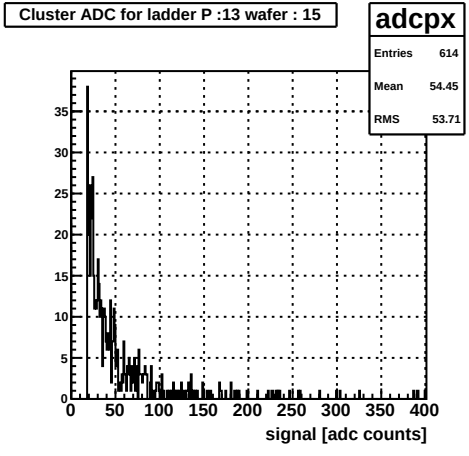

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 44
Mean 71.43
RMS 73.49
signal [adc counts]

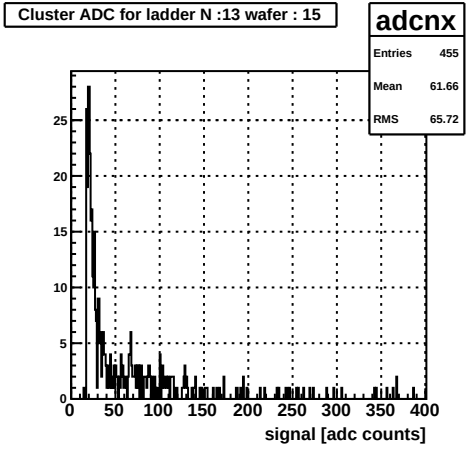

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 2294
Mean 28.66
RMS 31.9
signal [adc counts]

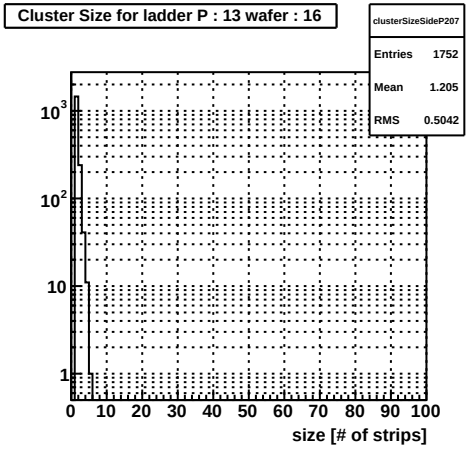

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 614
Mean 1.181
RMS 0.4722
size [# of strips]

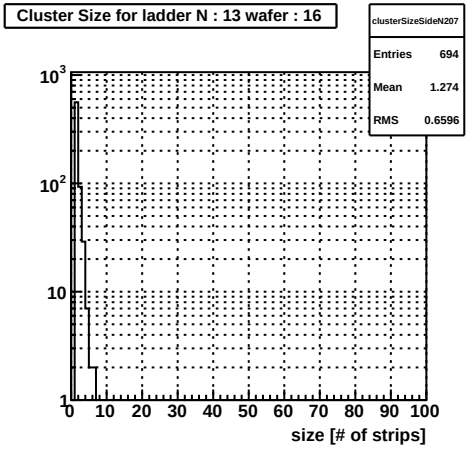

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 455
Mean 1.336
RMS 0.7164
size [# of strips]

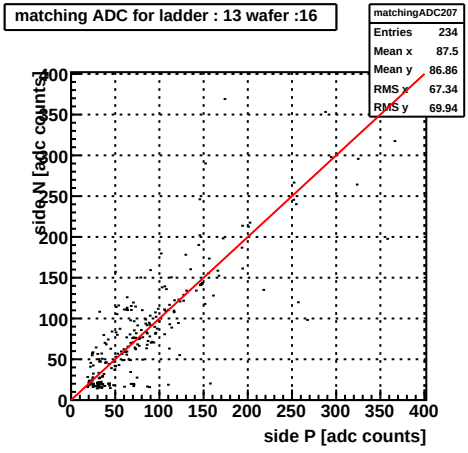

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 305
Mean x 78.18
Mean y 69.66
RMS x 58.91
RMS y 64.18
side N [adc counts]
side P [adc counts]

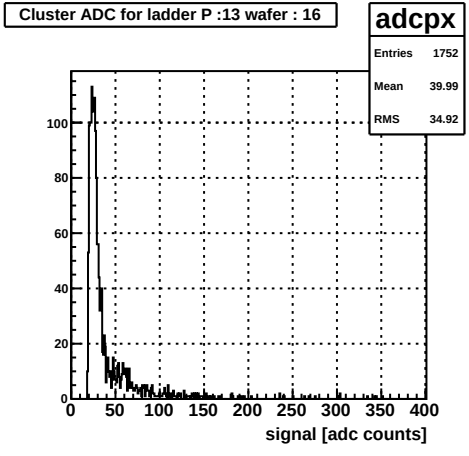

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 614
Mean 54.45
RMS 53.71
signal [adc counts]

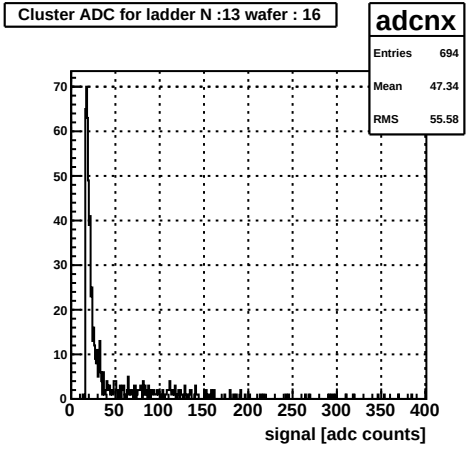

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 455
Mean 61.66
RMS 65.72
signal [adc counts]

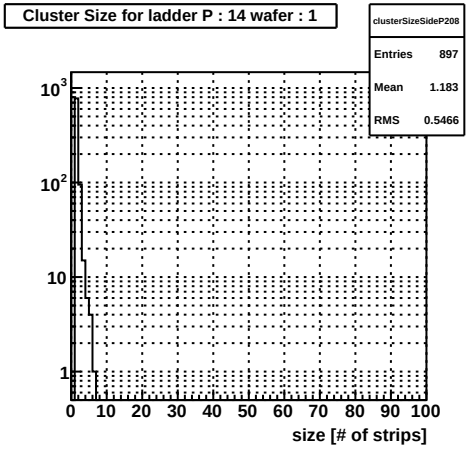

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 1752
Mean 1.205
RMS 0.5042
size [# of strips]

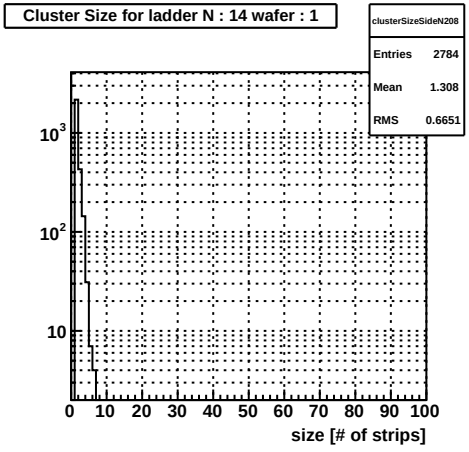

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 694
Mean 1.274
RMS 0.6596
size [# of strips]

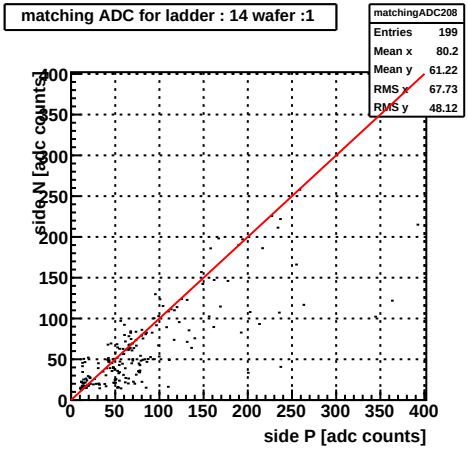

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 234
Mean x 87.5
Mean y 86.86
RMS x 67.34
RMS y 69.94
side N [adc counts]
side P [adc counts]

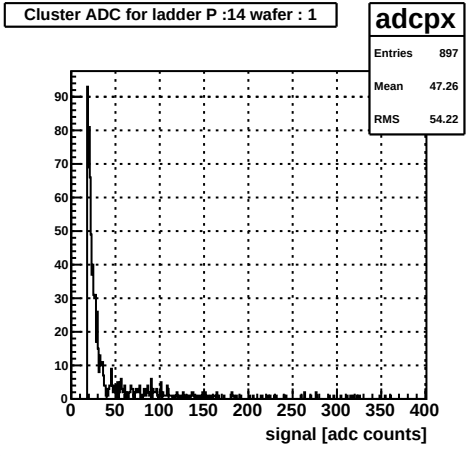

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 1752
Mean 39.99
RMS 34.92
signal [adc counts]

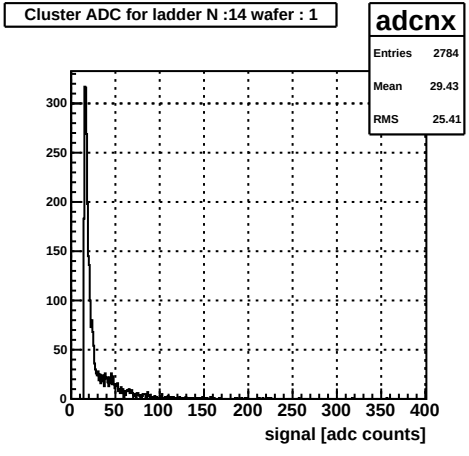

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 694
Mean 47.34
RMS 55.58
signal [adc counts]

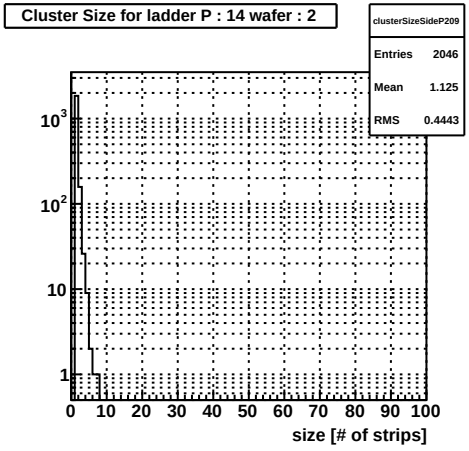

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 897
Mean 1.183
RMS 0.5466
size [# of strips]

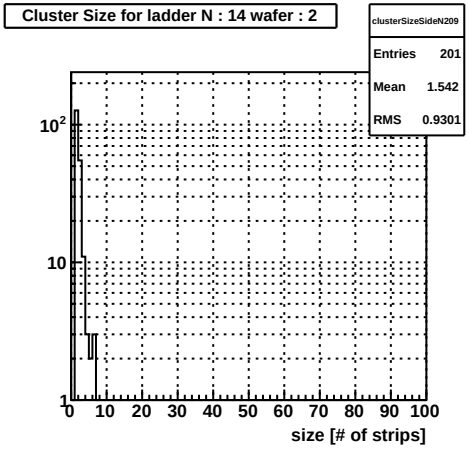

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 2784
Mean 1.308
RMS 0.6651
size [# of strips]

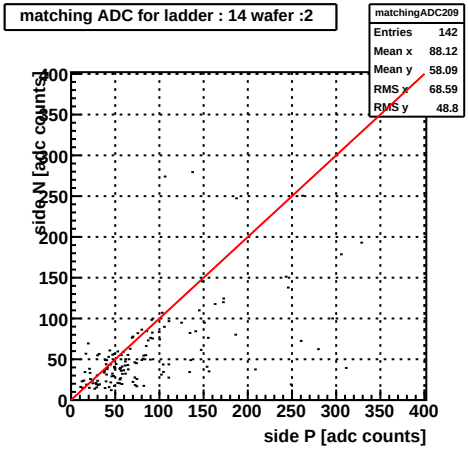

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 199
Mean x 80.2
Mean y 61.22
RMS x 67.73
RMS y 48.12
side N [adc counts]
side P [adc counts]

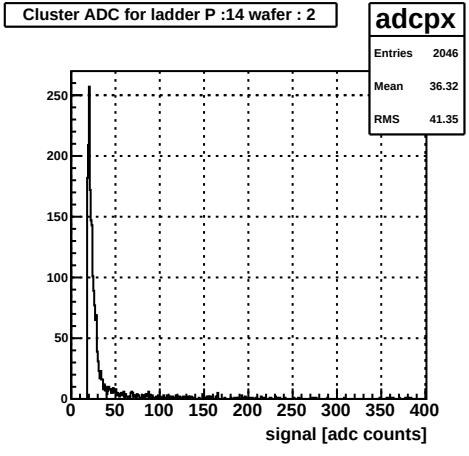

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 897
Mean 47.26
RMS 54.22
signal [adc counts]

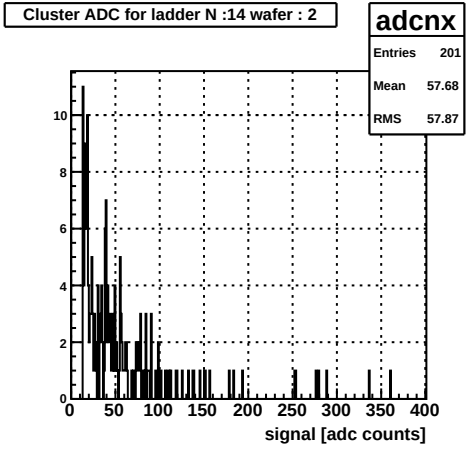

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 2784
Mean 29.43
RMS 25.41
signal [adc counts]

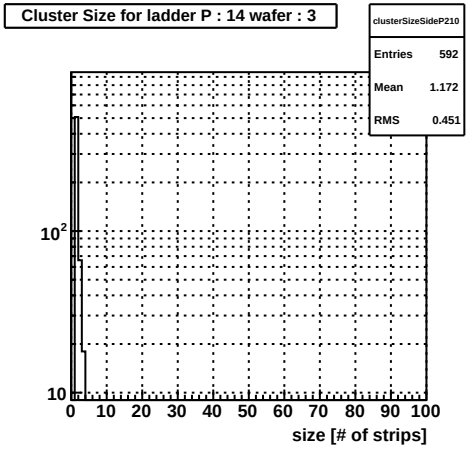

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 2046
Mean 1.125
RMS 0.4443
size [# of strips]

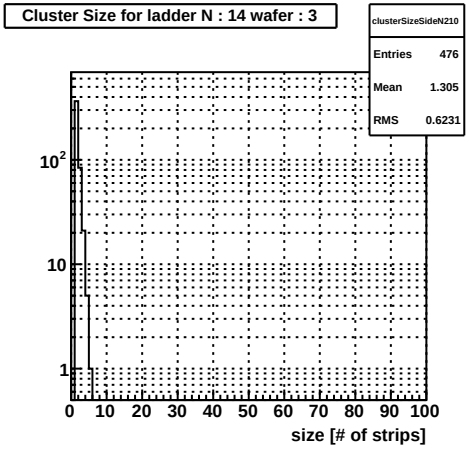

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 201
Mean 1.542
RMS 0.9301
size [# of strips]

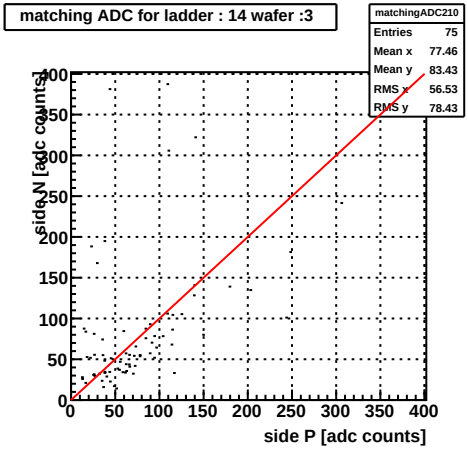

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 142
Mean x 88.12
Mean y 58.09
RMS x 68.59
RMS y 48.8
side N [adc counts]
side P [adc counts]

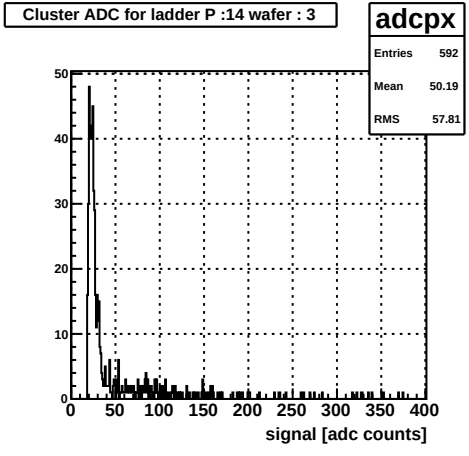

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 2046
Mean 36.32
RMS 41.35
signal [adc counts]

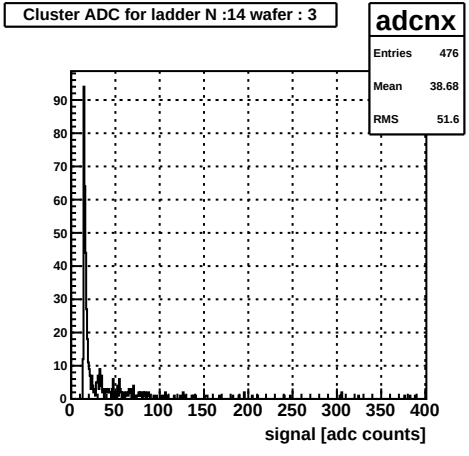

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 201
Mean 57.68
RMS 57.87
signal [adc counts]

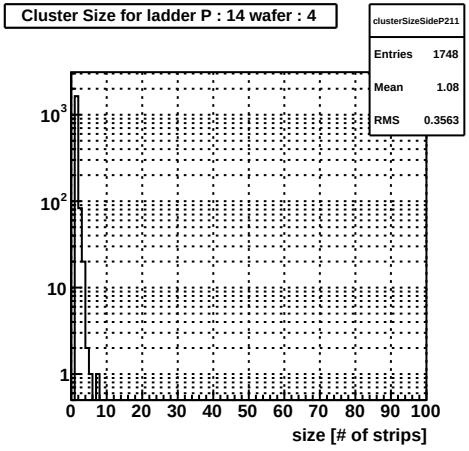

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 592
Mean 1.172
RMS 0.451
size [# of strips]

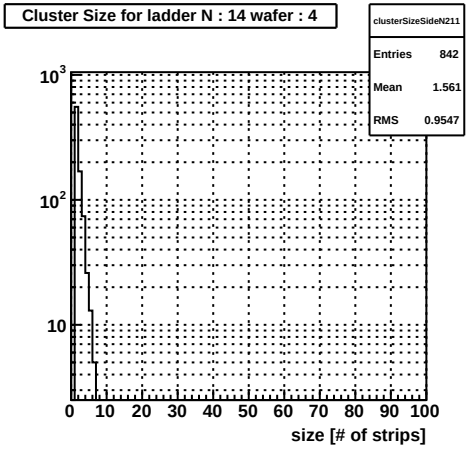

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 476
Mean 1.305
RMS 0.6231
size [# of strips]

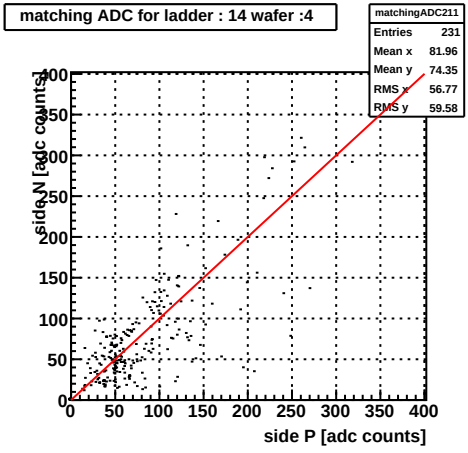

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 75
Mean x 77.46
Mean y 83.43
RMS x 56.53
RMS y 78.43
side N [adc counts]
side P [adc counts]

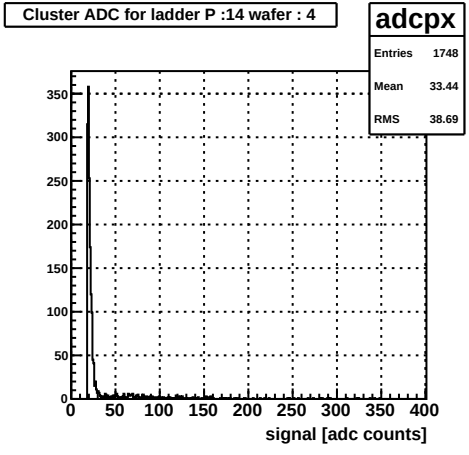

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 592
Mean 50.19
RMS 57.81
signal [adc counts]

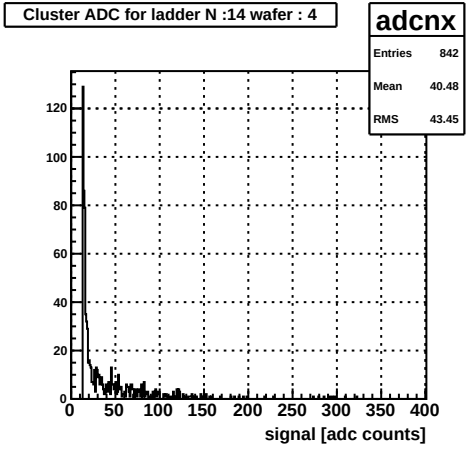

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 476
Mean 38.68
RMS 51.6
signal [adc counts]

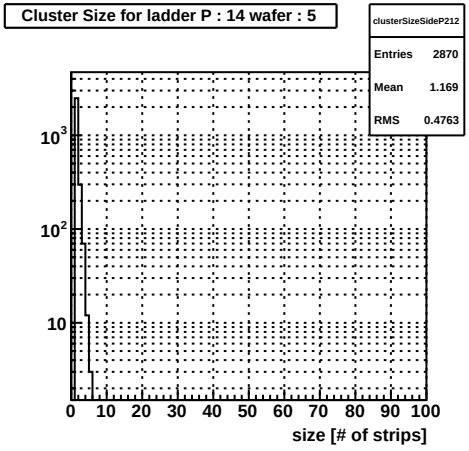

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 1748
Mean 1.08
RMS 0.3563
size [# of strips]

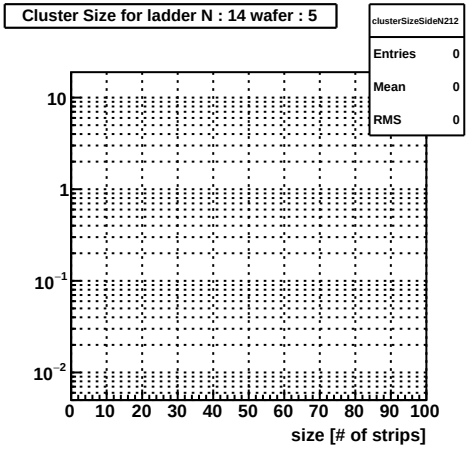

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 842
Mean 1.561
RMS 0.9547
size [# of strips]

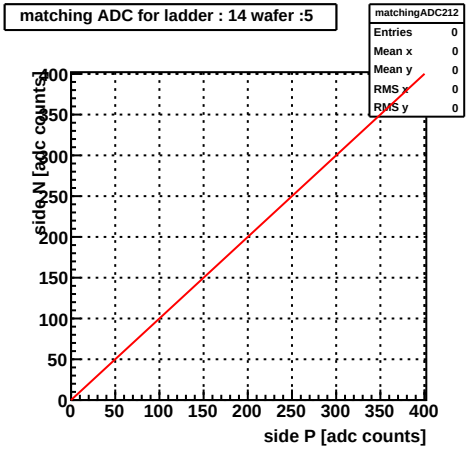

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 231
Mean x 81.96
Mean y 74.35
RMS x 56.77
RMS y 59.58
side N [adc counts]
side P [adc counts]

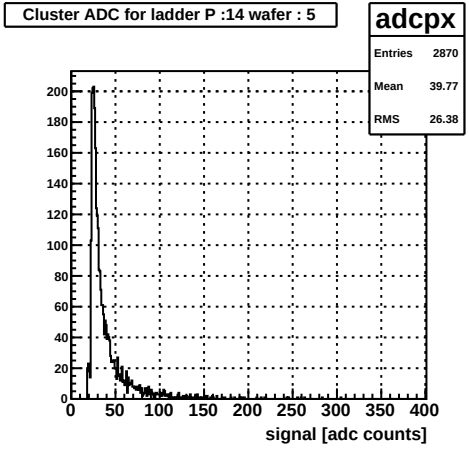

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 1748
Mean 33.44
RMS 38.69
signal [adc counts]

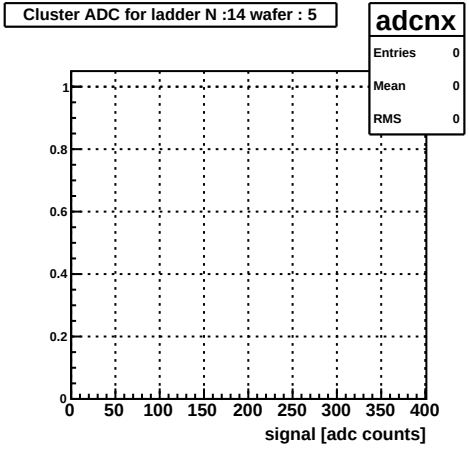

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 842
Mean 40.48
RMS 43.45
signal [adc counts]

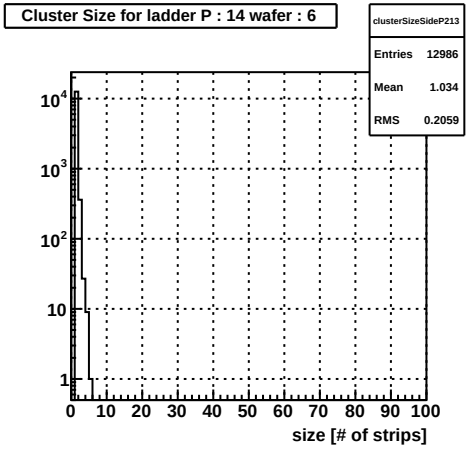

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 2870
Mean 1.169
RMS 0.4763
size [# of strips]

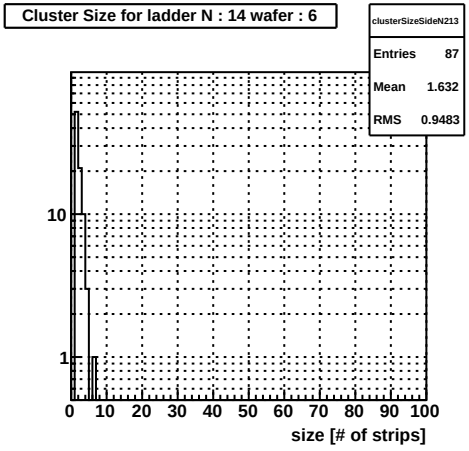

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

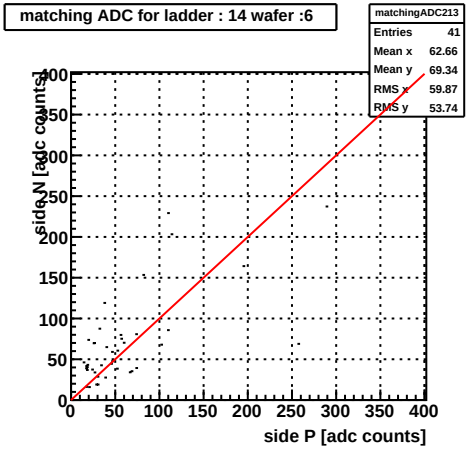

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

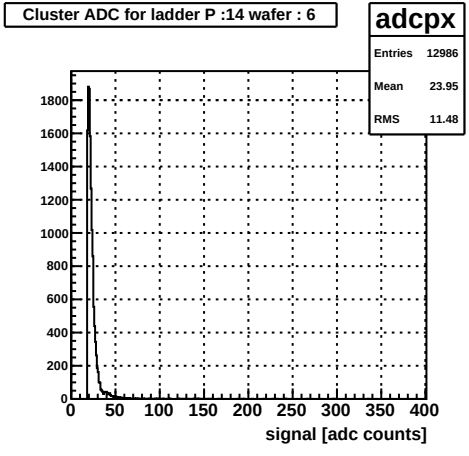

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 2870
Mean 39.77
RMS 26.38
signal [adc counts]

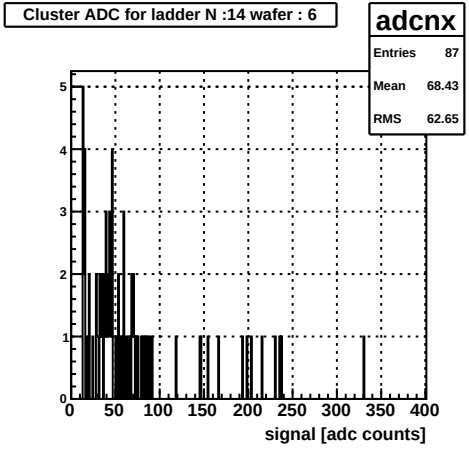

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

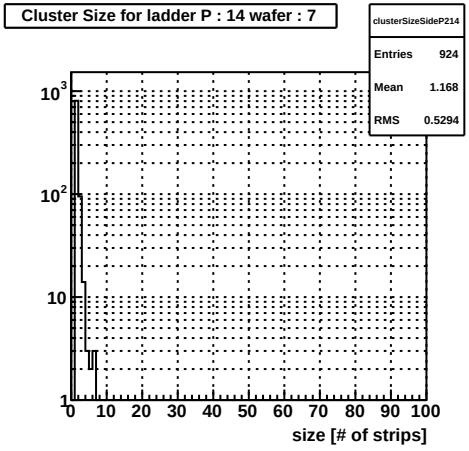

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 12986
Mean 1.034
RMS 0.2059
size [# of strips]

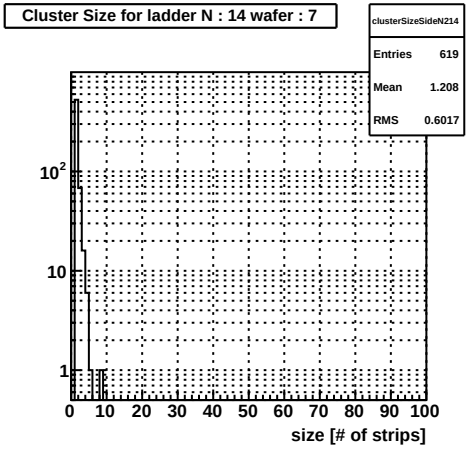

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 87
Mean 1.632
RMS 0.9483
size [# of strips]

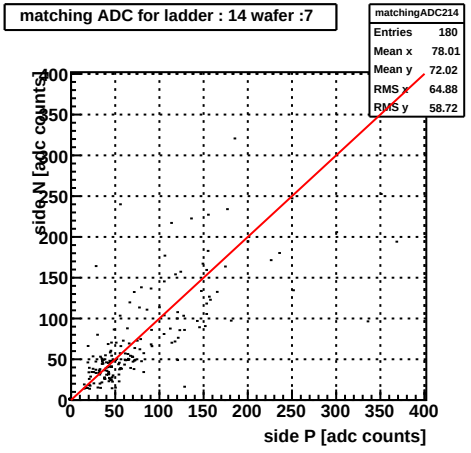

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 41
Mean x 62.66
Mean y 69.34
RMS x 59.87
RMS y 53.74
side N [adc counts]
side P [adc counts]

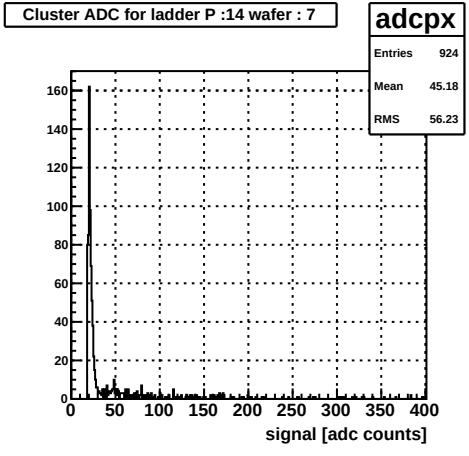

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 12986
Mean 23.95
RMS 11.48
signal [adc counts]

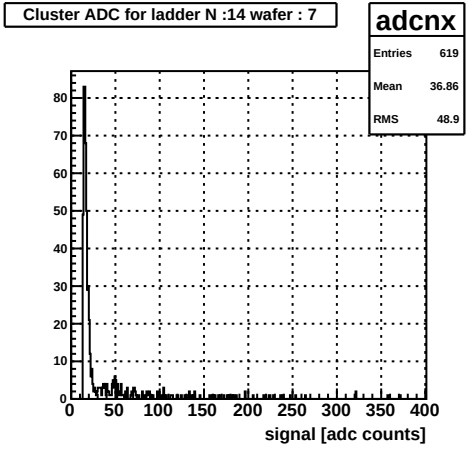

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 87
Mean 68.43
RMS 62.65
signal [adc counts]

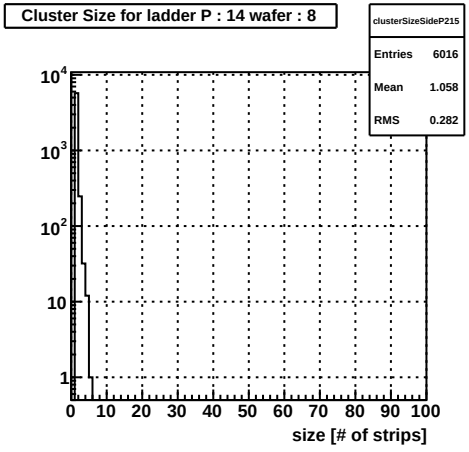

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 924
Mean 1.168
RMS 0.5294
size [# of strips]

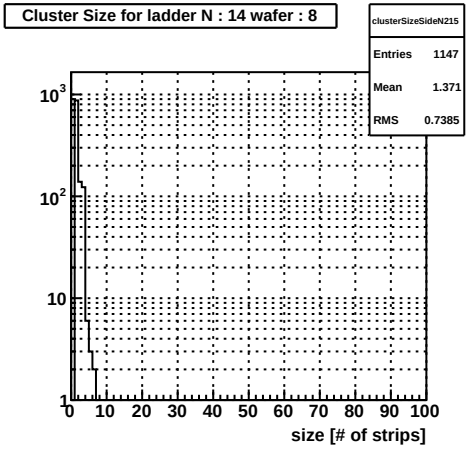

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 619
Mean 1.208
RMS 0.6017
size [# of strips]

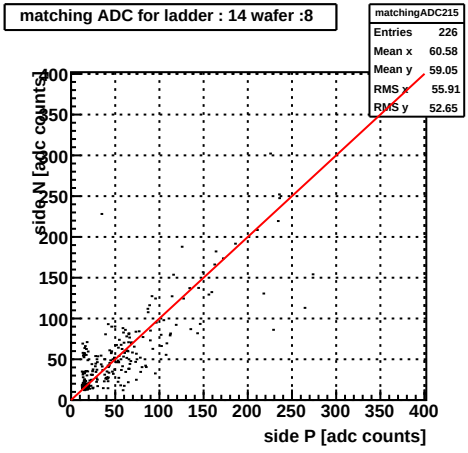

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 180
Mean x 78.01
Mean y 72.02
RMS x 64.88
RMS y 58.72
side N [adc counts]
side P [adc counts]

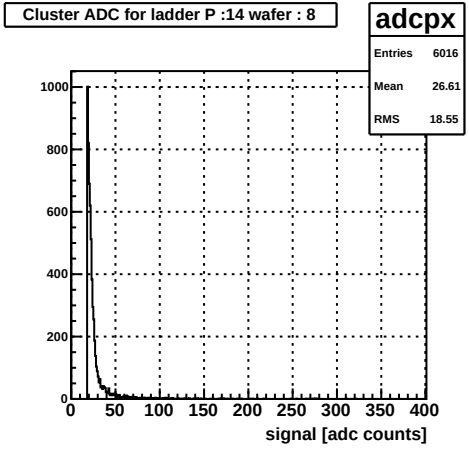

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 924
Mean 45.18
RMS 56.23
signal [adc counts]

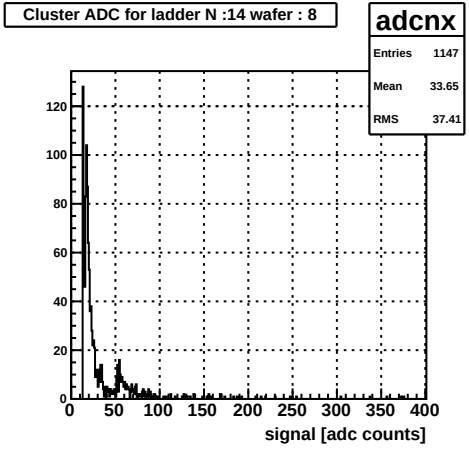

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 619
Mean 36.86
RMS 48.9
signal [adc counts]

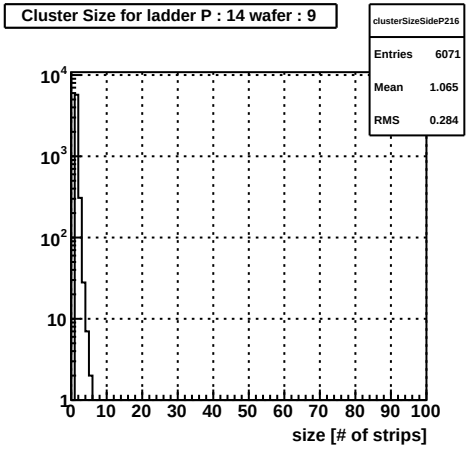

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 6016
Mean 1.058
RMS 0.282
size [# of strips]

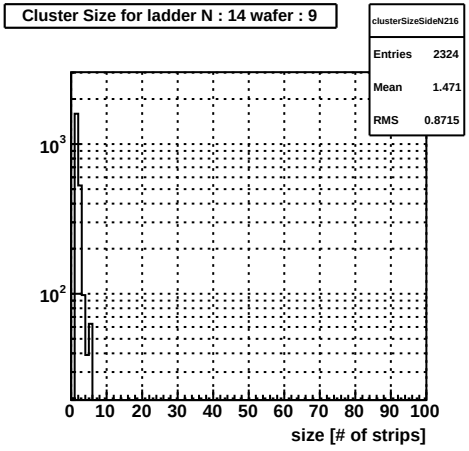

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 1147
Mean 1.371
RMS 0.7385
size [# of strips]

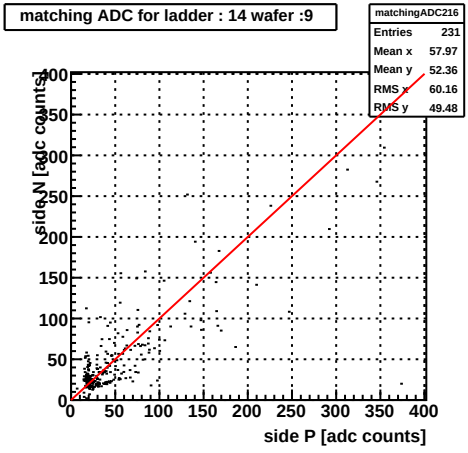

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 226
Mean x 60.58
Mean y 59.05
RMS x 55.91
RMS y 52.65
side N [adc counts]
side P [adc counts]

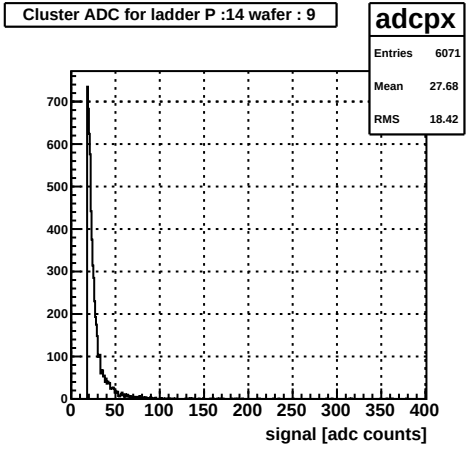

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 6016
Mean 26.61
RMS 18.55
signal [adc counts]

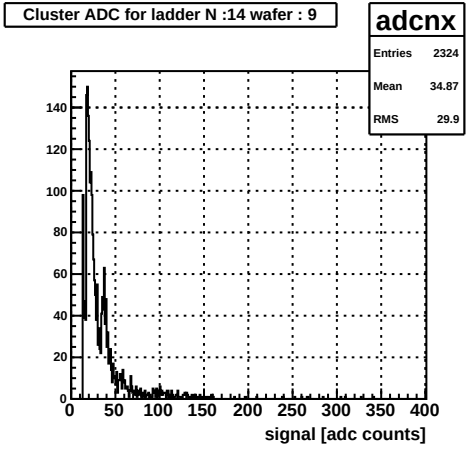

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 1147
Mean 33.65
RMS 37.41
signal [adc counts]

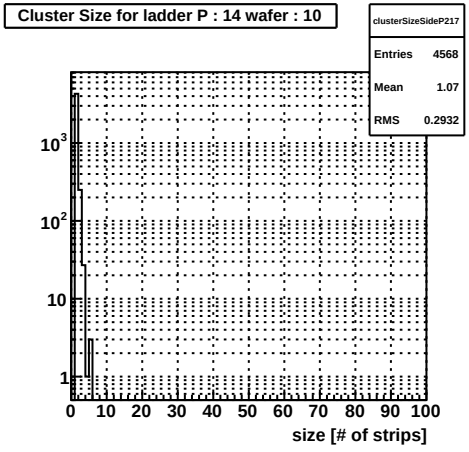

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 6071
Mean 1.065
RMS 0.284
size [# of strips]

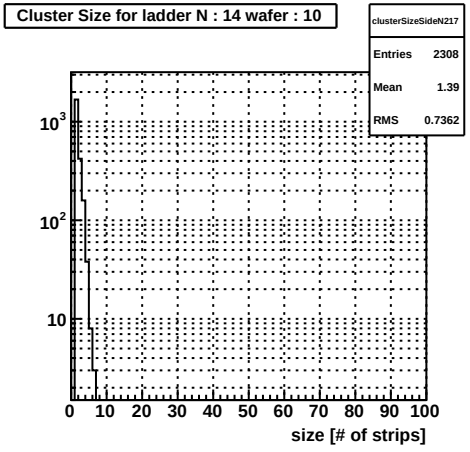

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 2324
Mean 1.471
RMS 0.8715
size [# of strips]

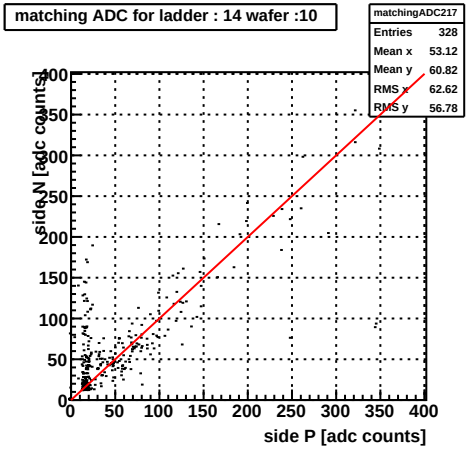

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 231
Mean x 57.97
Mean y 52.36
RMS x 60.16
RMS y 49.48
side N [adc counts]
side P [adc counts]

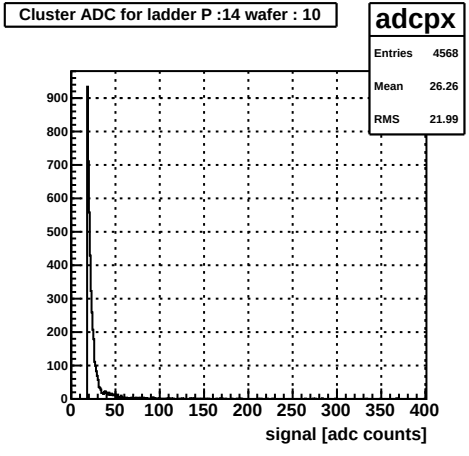

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 6071
Mean 27.68
RMS 18.42
signal [adc counts]

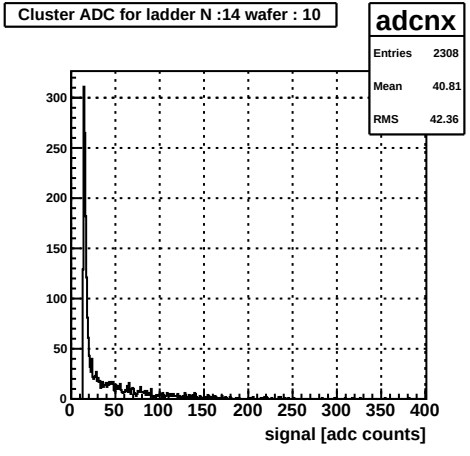

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 2324
Mean 34.87
RMS 29.9
signal [adc counts]

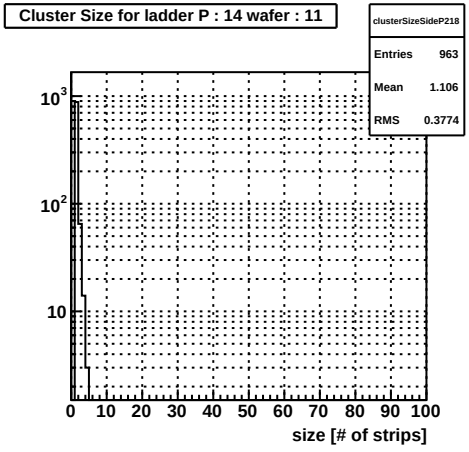

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 4568
Mean 1.07
RMS 0.2932
size [# of strips]

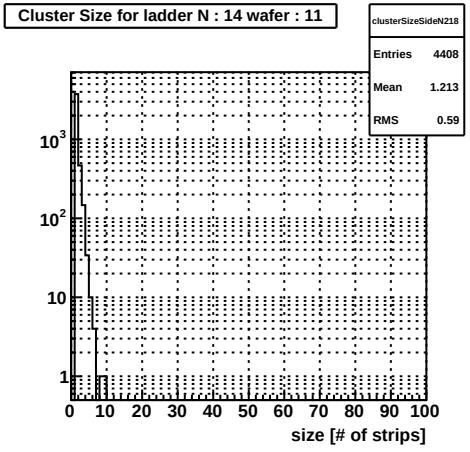

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 2308
Mean 1.39
RMS 0.7362
size [# of strips]

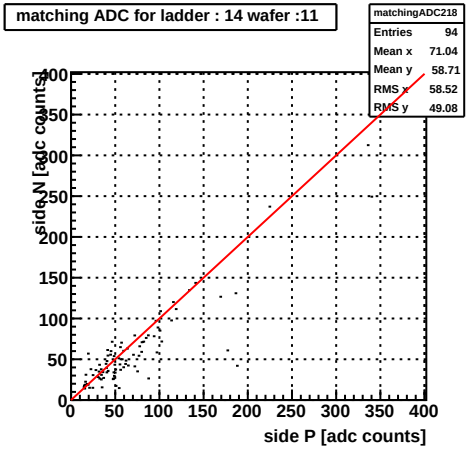

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 328
Mean x 53.12
Mean y 60.82
RMS x 62.62
RMS y 56.78
side N [adc counts]
side P [adc counts]

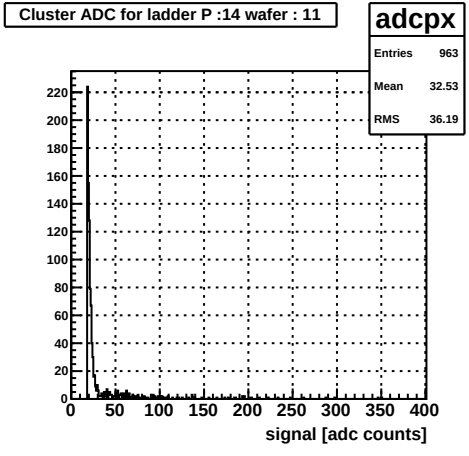

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 4568
Mean 26.26
RMS 21.99
signal [adc counts]

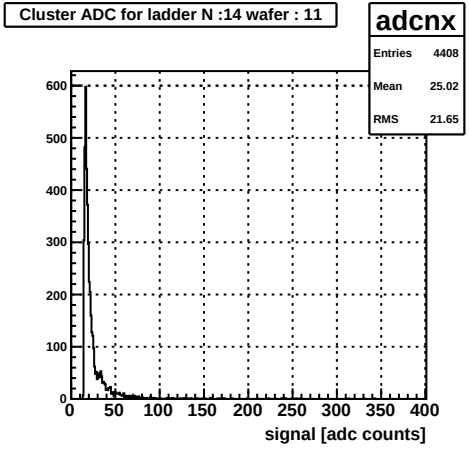

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 2308
Mean 40.81
RMS 42.36
signal [adc counts]

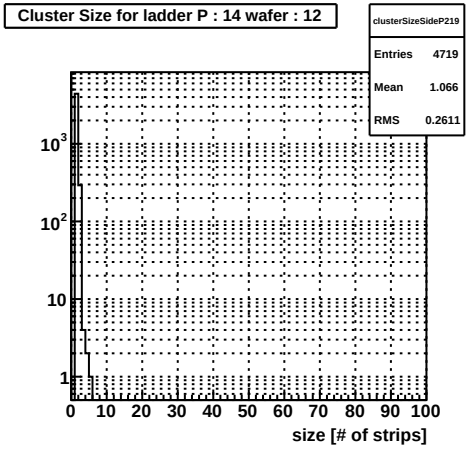

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 963
Mean 1.106
RMS 0.3774
size [# of strips]

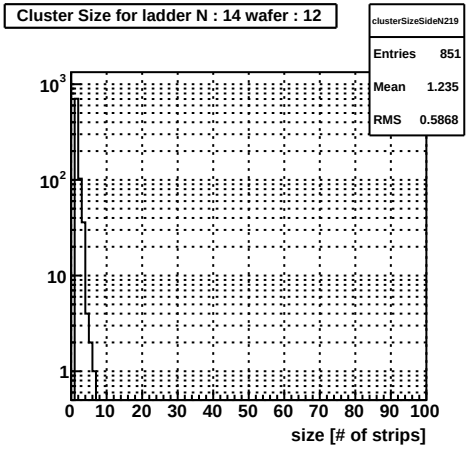

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 4408
Mean 1.213
RMS 0.59
size [# of strips]

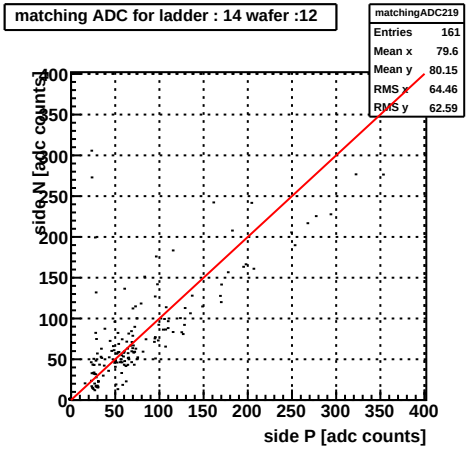

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 94
Mean x 71.04
Mean y 58.71
RMS x 58.52
RMS y 49.08
side N [adc counts]
side P [adc counts]

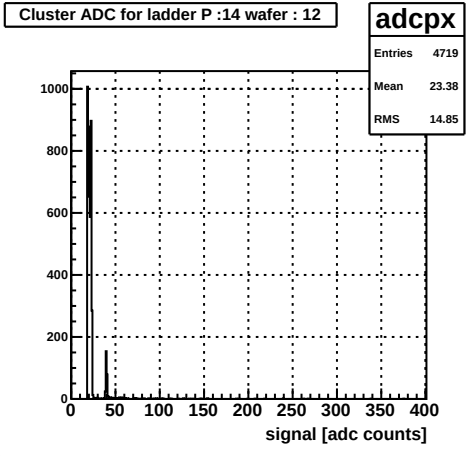

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 963
Mean 32.53
RMS 36.19
signal [adc counts]

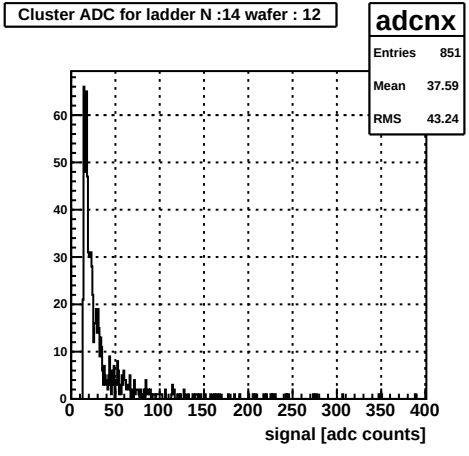

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 4408
Mean 25.02
RMS 21.65
signal [adc counts]

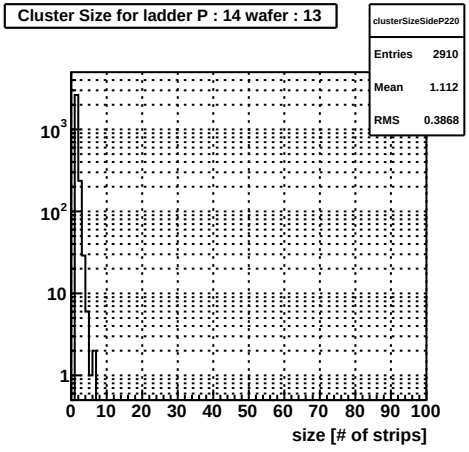

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 4719
Mean 1.066
RMS 0.2611
size [# of strips]

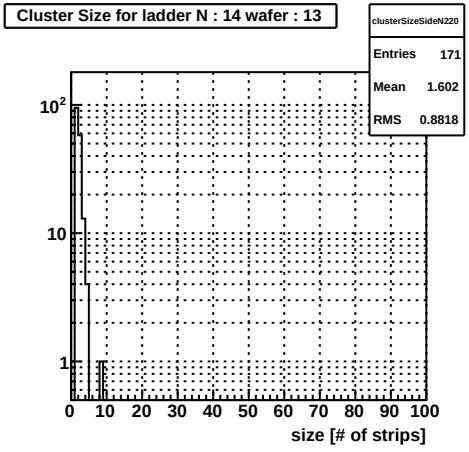

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 851
Mean 1.235
RMS 0.5868
size [# of strips]

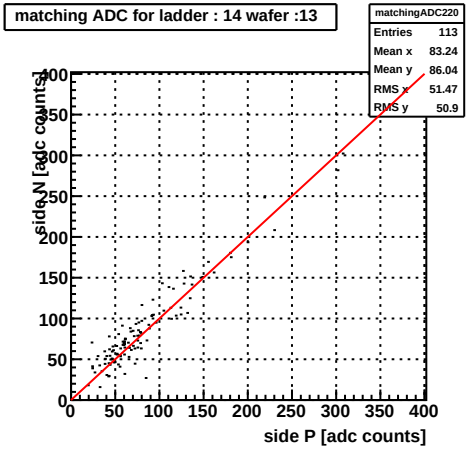

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 161
Mean x 79.6
Mean y 80.15
RMS x 64.46
RMS y 62.59
side N [adc counts]
side P [adc counts]

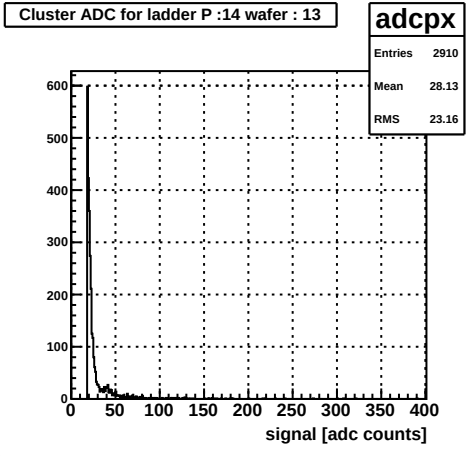

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 4719
Mean 23.38
RMS 14.85
signal [adc counts]

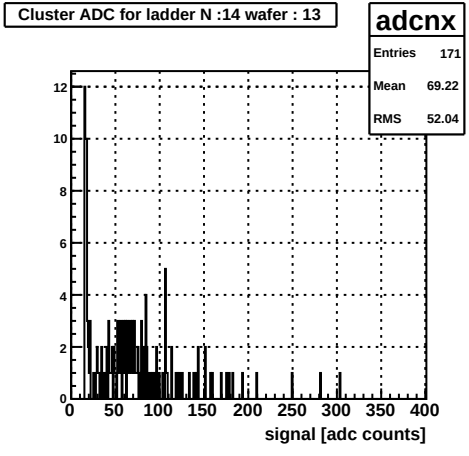

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 851
Mean 37.59
RMS 43.24
signal [adc counts]

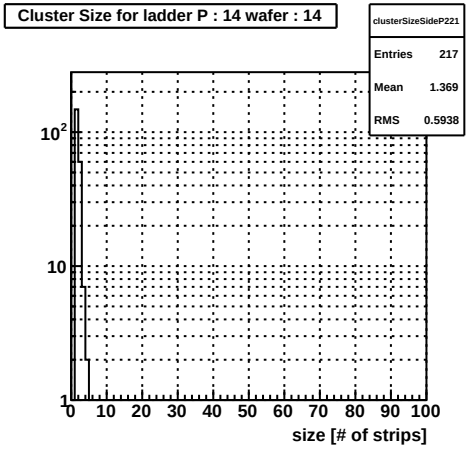

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 2910
Mean 1.112
RMS 0.3868
size [# of strips]

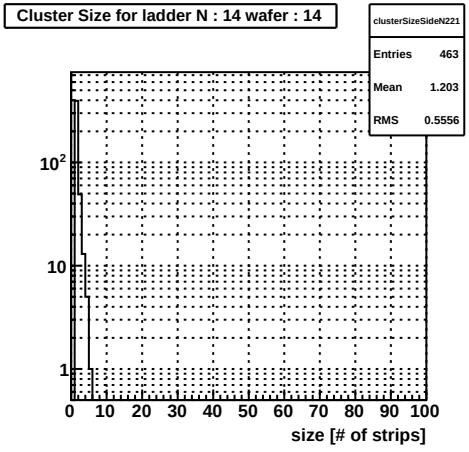

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 171
Mean 1.602
RMS 0.8818
size [# of strips]

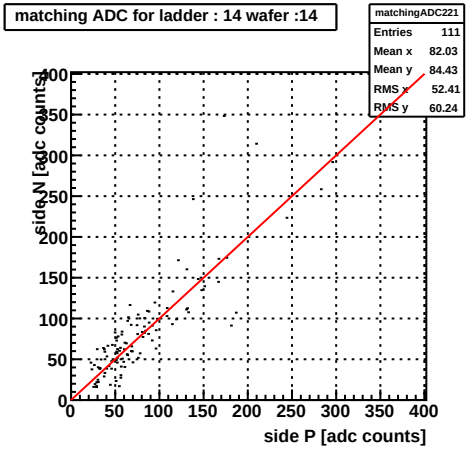

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 113
Mean x 83.24
Mean y 86.04
RMS x 51.47
RMS y 50.9
side N [adc counts]
side P [adc counts]

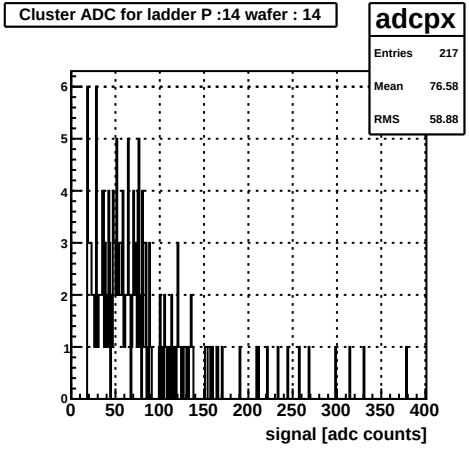

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 2910
Mean 28.13
RMS 23.16
signal [adc counts]

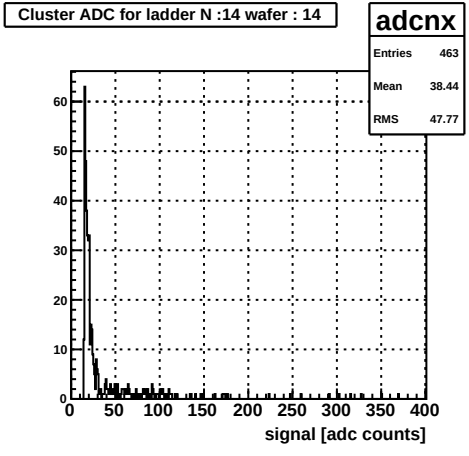

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 171
Mean 69.22
RMS 52.04
signal [adc counts]

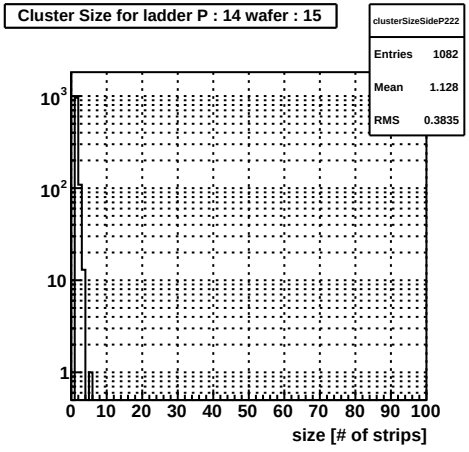

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 217
Mean 1.369
RMS 0.5938
size [# of strips]

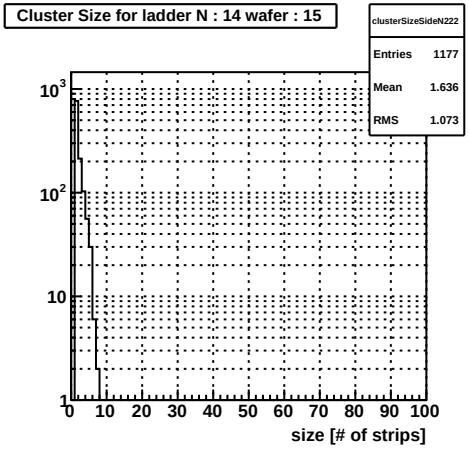

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 463
Mean 1.203
RMS 0.5556
size [# of strips]

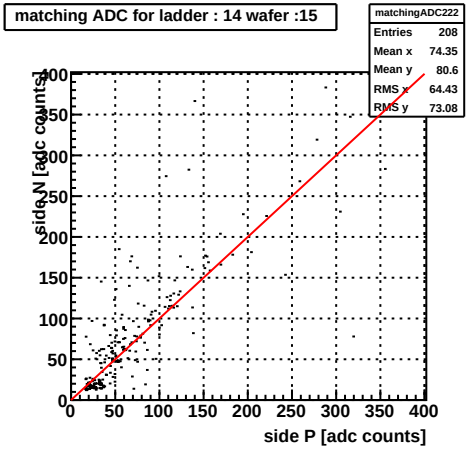

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 111
Mean x 82.03
Mean y 84.43
RMS x 52.41
RMS y 60.24
side N [adc counts]
side P [adc counts]

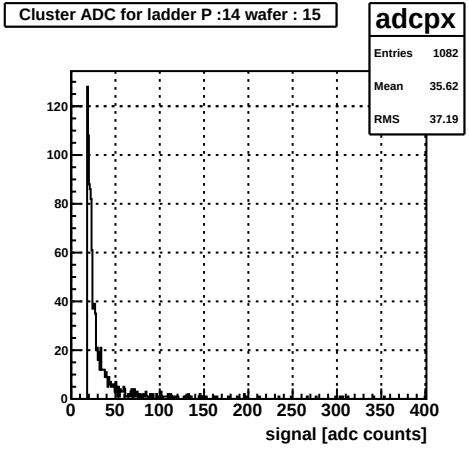

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 217
Mean 76.58
RMS 58.88
signal [adc counts]

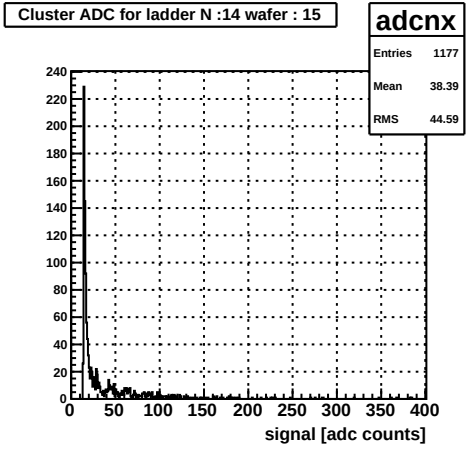

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 463
Mean 38.44
RMS 47.77
signal [adc counts]

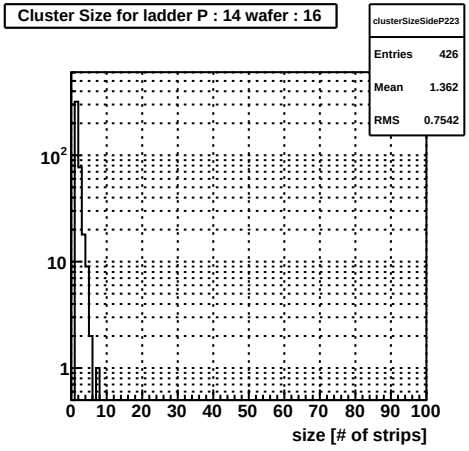

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 1082
Mean 1.128
RMS 0.3835
size [# of strips]

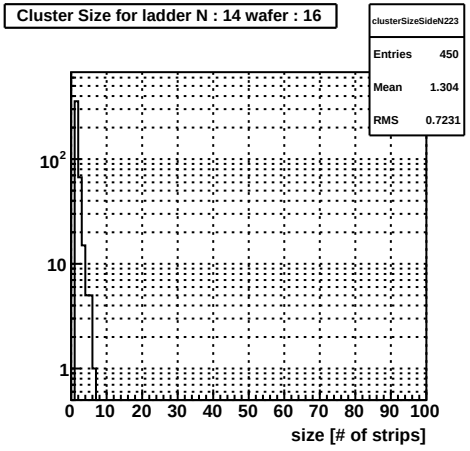

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 1177
Mean 1.636
RMS 1.073
size [# of strips]

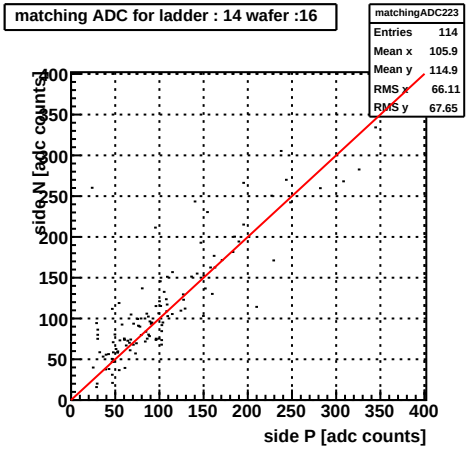

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 208
Mean x 74.35
Mean y 80.6
RMS x 64.43
RMS y 73.08
side N [adc counts]
side P [adc counts]

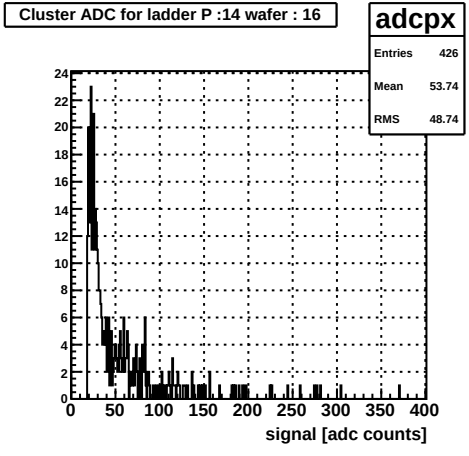

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 1082
Mean 35.62
RMS 37.19
signal [adc counts]

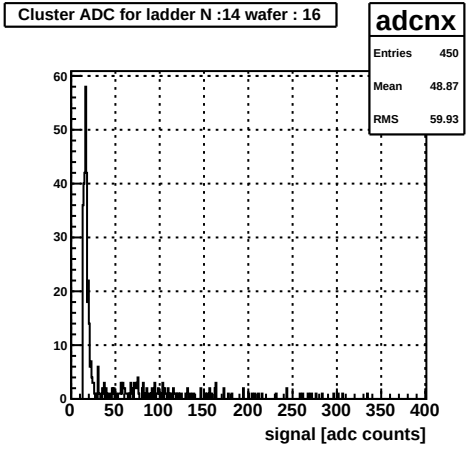

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 1177
Mean 38.39
RMS 44.59
signal [adc counts]

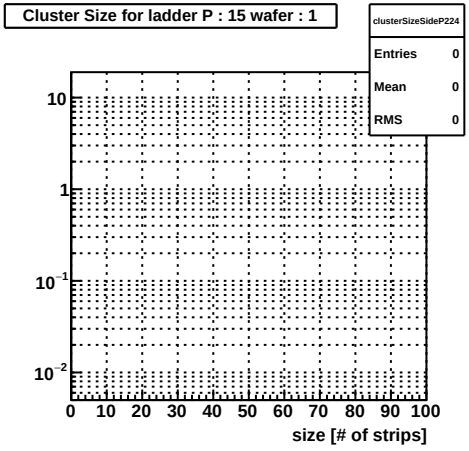

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 426
Mean 1.362
RMS 0.7542
size [# of strips]

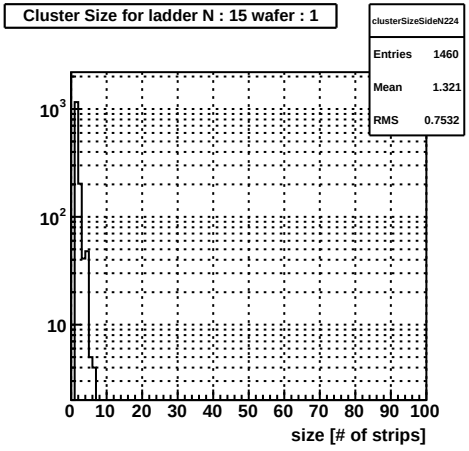

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 450
Mean 1.304
RMS 0.7231
size [# of strips]

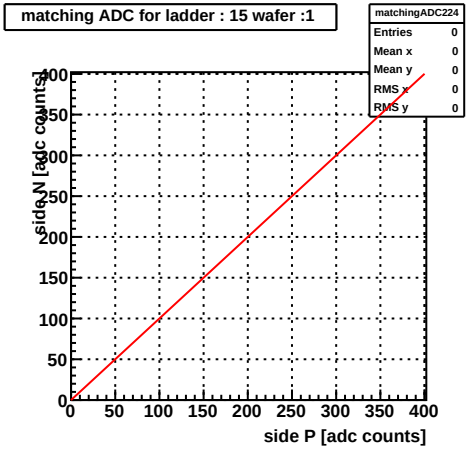

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 114
Mean x 105.9
Mean y 114.9
RMS x 66.11
RMS y 67.65
side N [adc counts]
side P [adc counts]

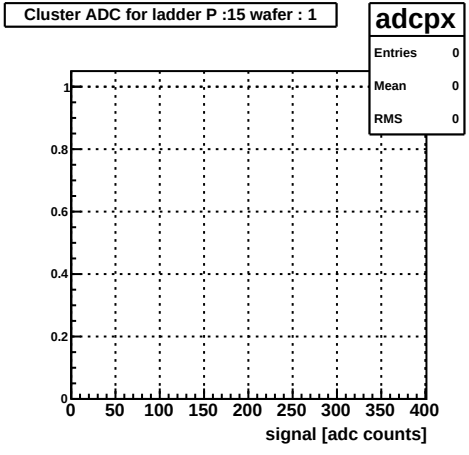

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 426
Mean 53.74
RMS 48.74
signal [adc counts]

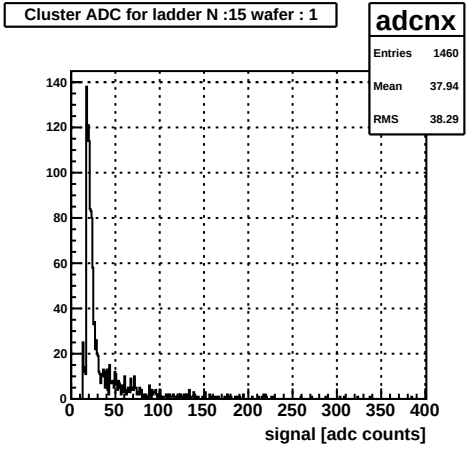

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 450
Mean 48.87
RMS 59.93
signal [adc counts]

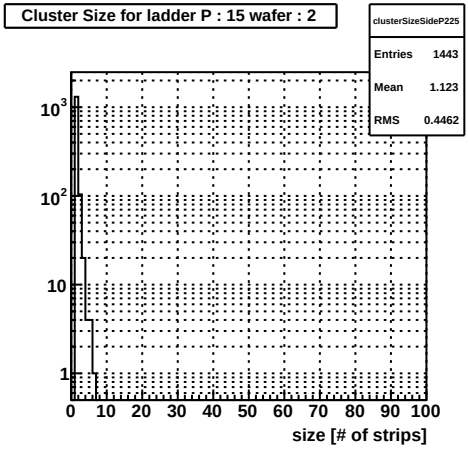

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

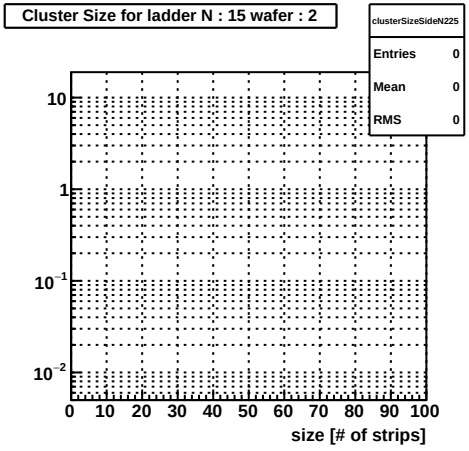

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 1460
Mean 1.321
RMS 0.7532
size [# of strips]

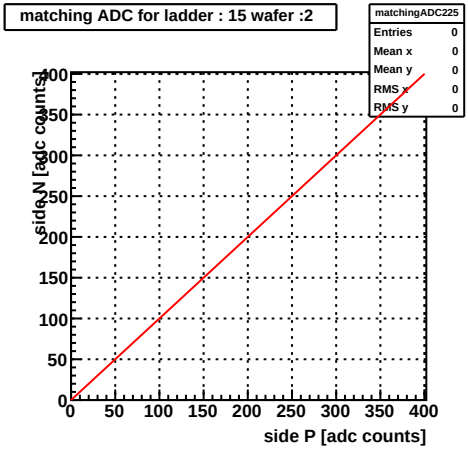

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

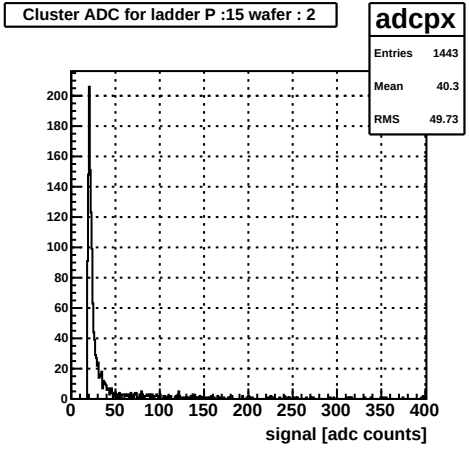

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

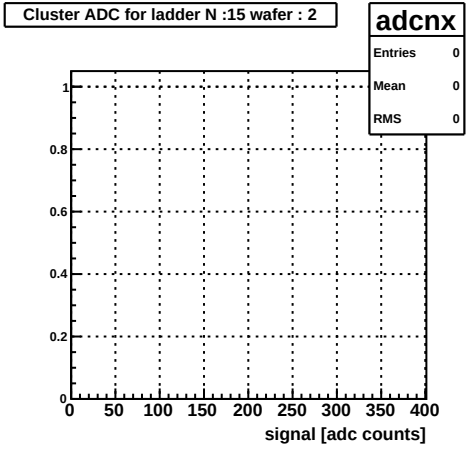

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 1460
Mean 37.94
RMS 38.29
signal [adc counts]

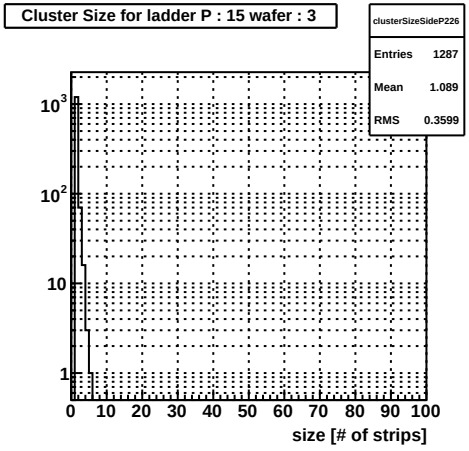

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 1443
Mean 1.123
RMS 0.4462
size [# of strips]

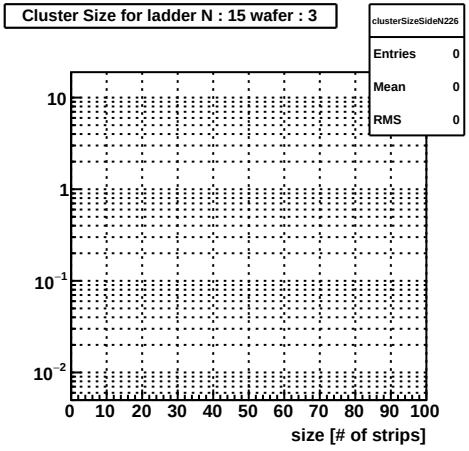

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

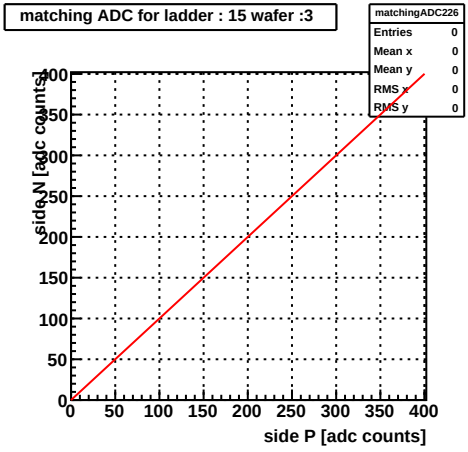

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

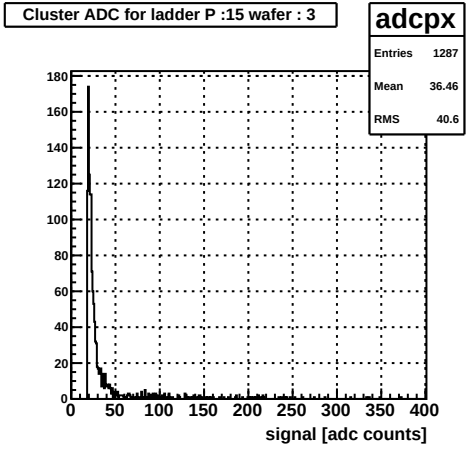

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 1443
Mean 40.3
RMS 49.73
signal [adc counts]

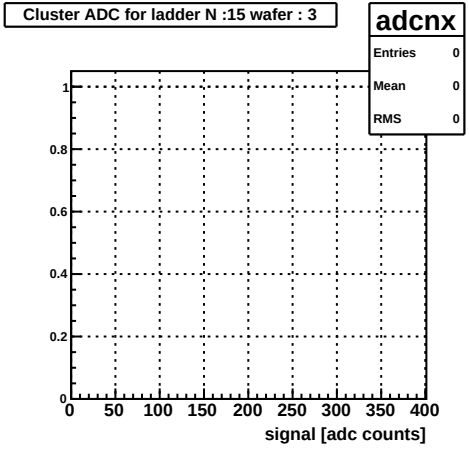

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

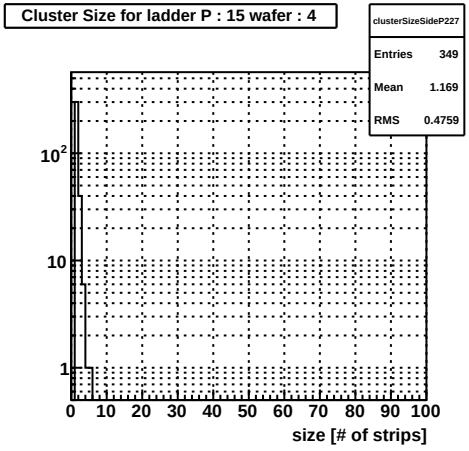

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 1287
Mean 1.089
RMS 0.3599
size [# of strips]

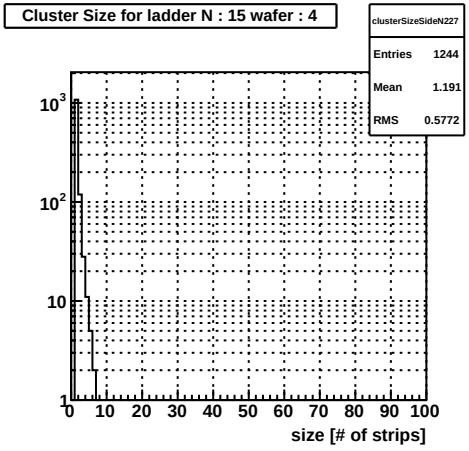

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

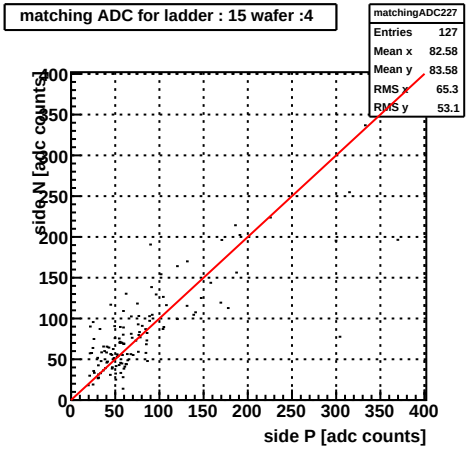

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

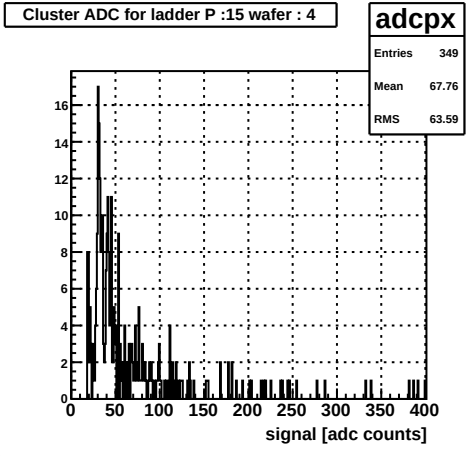

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 1287
Mean 36.46
RMS 40.6
signal [adc counts]

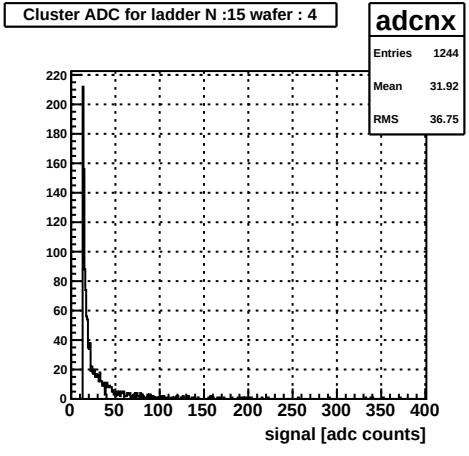

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

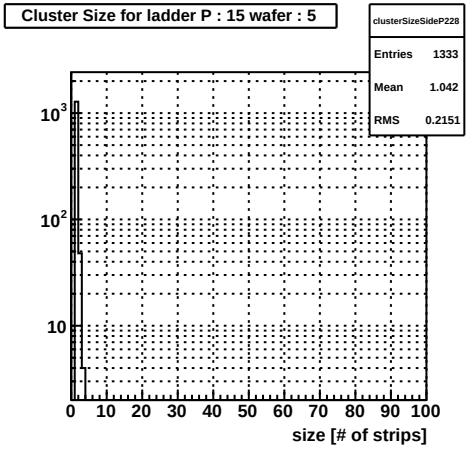

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 349
Mean 1.169
RMS 0.4759
size [# of strips]

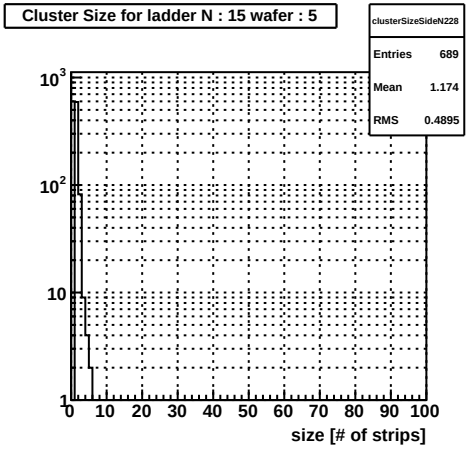

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 1244
Mean 1.191
RMS 0.5772
size [# of strips]

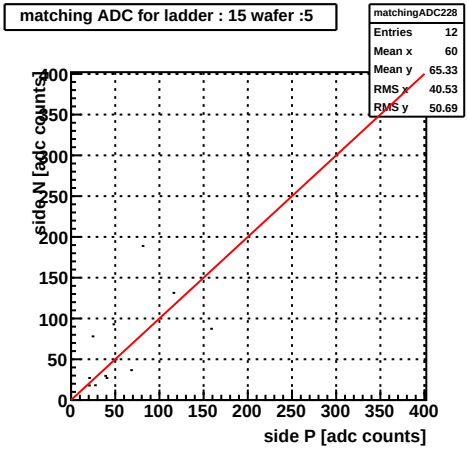

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 127
Mean x 82.58
Mean y 83.58
RMS x 65.3
RMS y 53.1
side N [adc counts]
side P [adc counts]

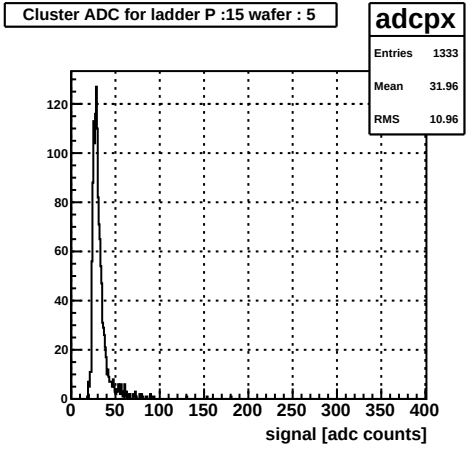

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 349
Mean 67.76
RMS 63.59
signal [adc counts]

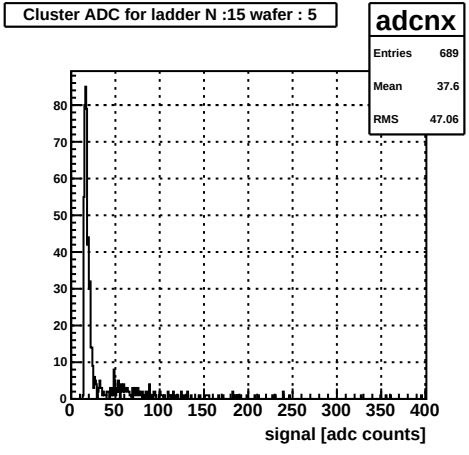

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 1244
Mean 31.92
RMS 36.75
signal [adc counts]

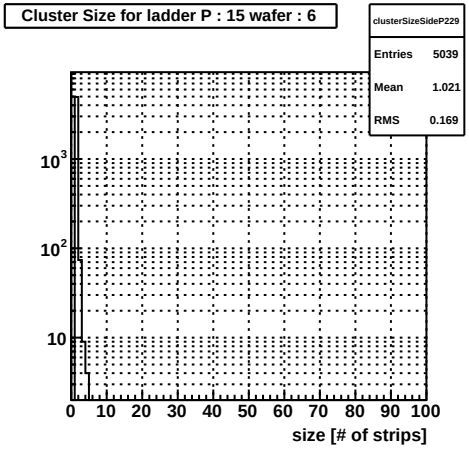

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1333
Mean 1.042
RMS 0.2151
size [# of strips]

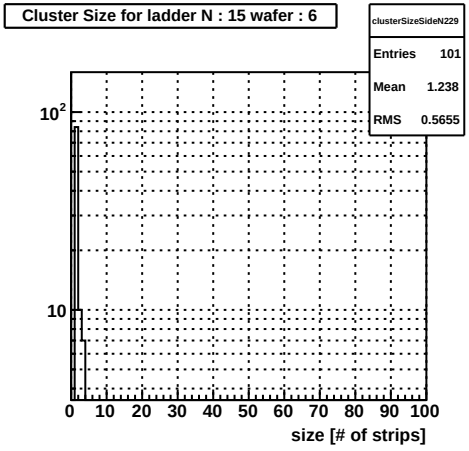

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 689
Mean 1.174
RMS 0.4895
size [# of strips]

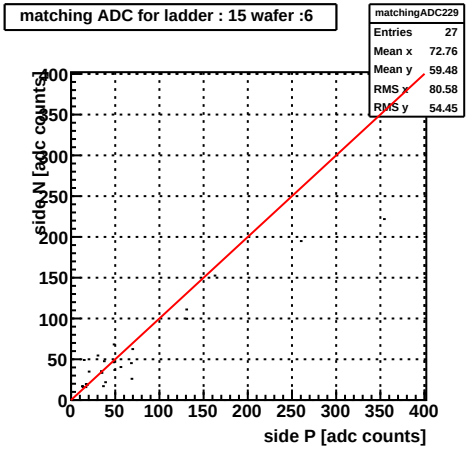

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 12
Mean x 60
Mean y 65.33
RMS x 40.53
RMS y 50.69
side N [adc counts]
side P [adc counts]

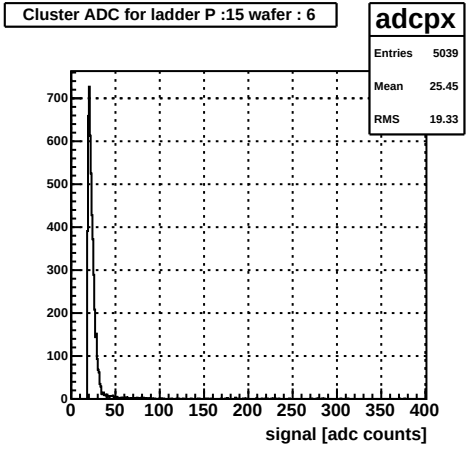

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1333
Mean 31.96
RMS 10.96
signal [adc counts]

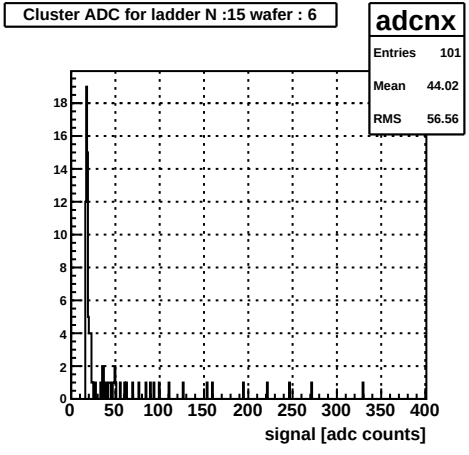

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 689
Mean 37.6
RMS 47.06
signal [adc counts]

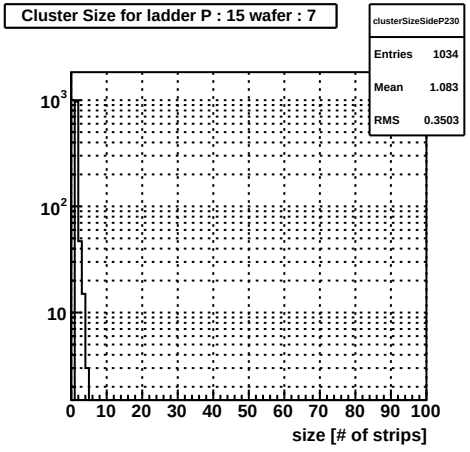

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 5039
Mean 1.021
RMS 0.169
size [# of strips]

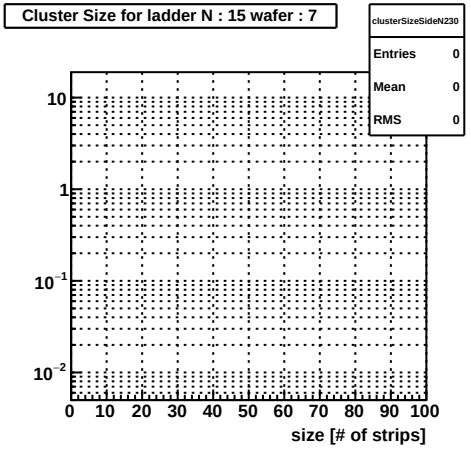

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 101
Mean 1.238
RMS 0.5655
size [# of strips]

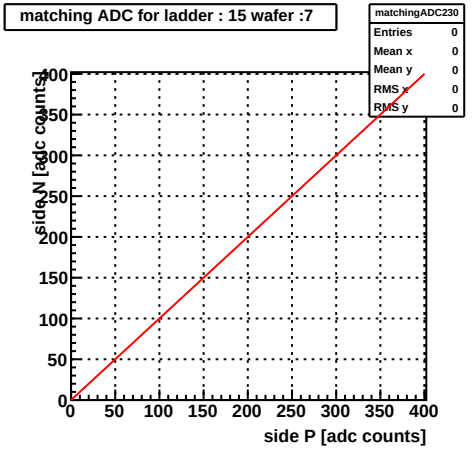

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 27
Mean x 72.76
Mean y 59.48
RMS x 80.58
RMS y 54.45
side N [adc counts]
side P [adc counts]

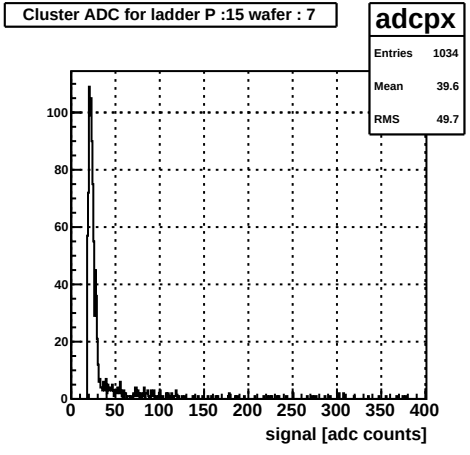

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 5039
Mean 25.45
RMS 19.33
signal [adc counts]

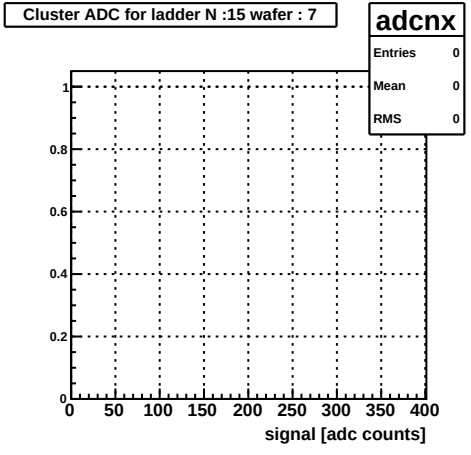

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 101
Mean 44.02
RMS 56.56
signal [adc counts]

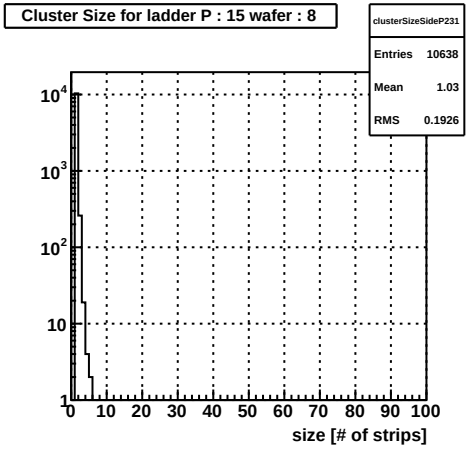

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 1034
Mean 1.083
RMS 0.3503
size [# of strips]

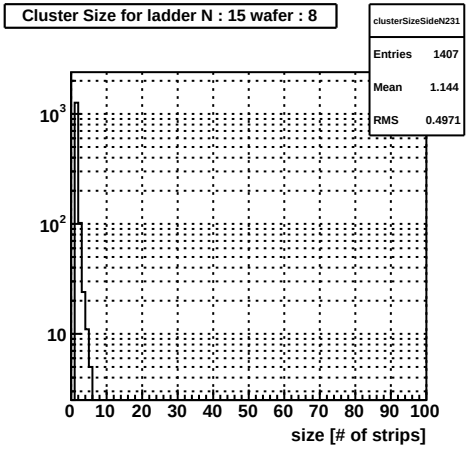

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

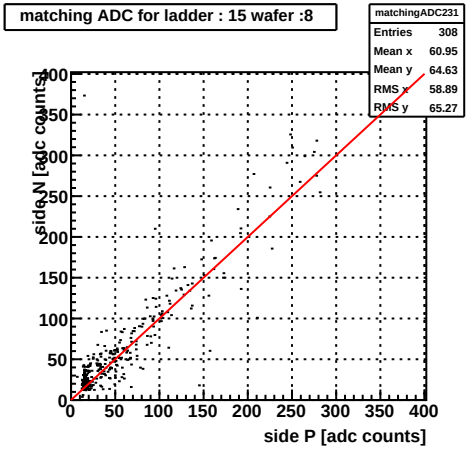

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

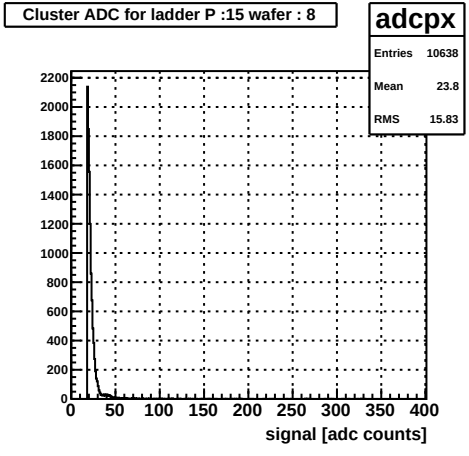

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 1034
Mean 39.6
RMS 49.7
signal [adc counts]

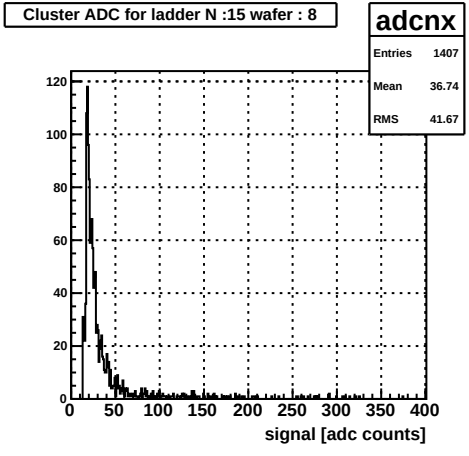

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

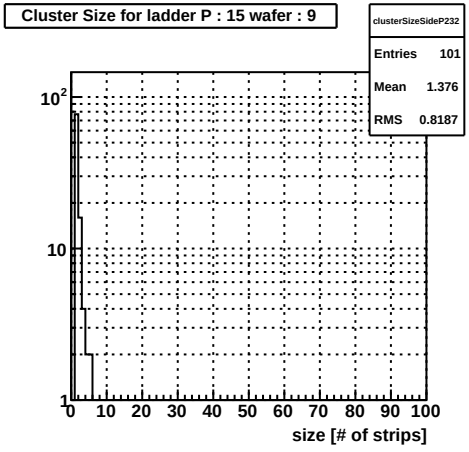

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 10638
Mean 1.03
RMS 0.1926
size [# of strips]

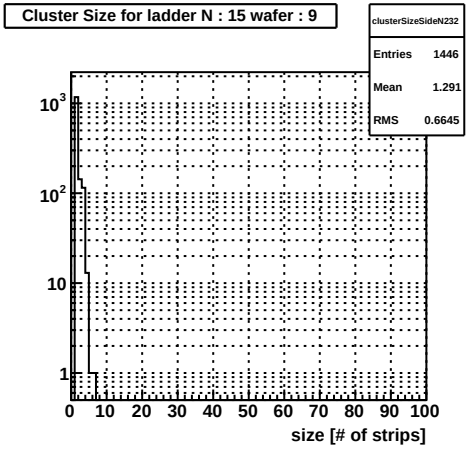

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 1407
Mean 1.144
RMS 0.4971
size [# of strips]

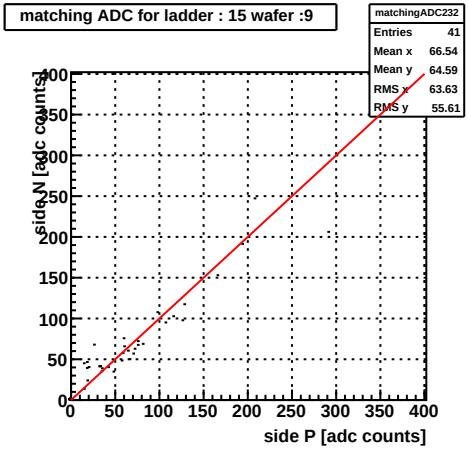

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 308
Mean x 60.95
Mean y 64.63
RMS x 58.89
RMS y 65.27
side N [adc counts]
side P [adc counts]

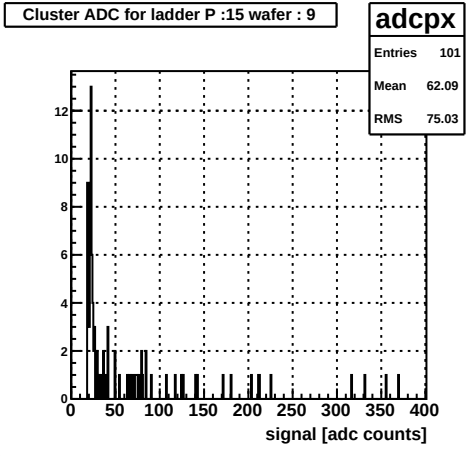

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 10638
Mean 23.8
RMS 15.83
signal [adc counts]

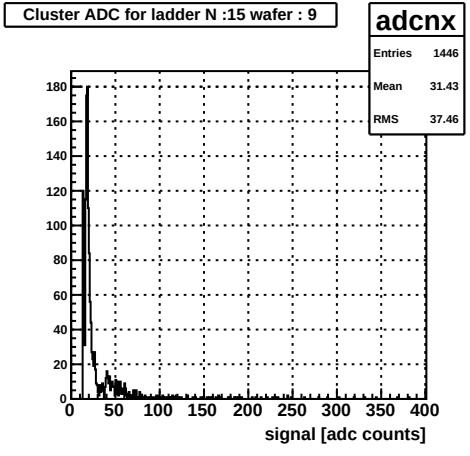

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 1407
Mean 36.74
RMS 41.67
signal [adc counts]

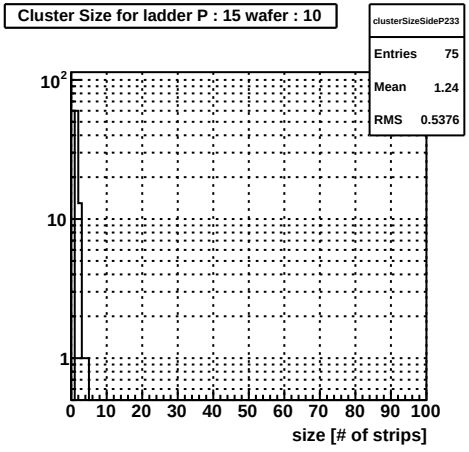

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 101
Mean 1.376
RMS 0.8187
size [# of strips]

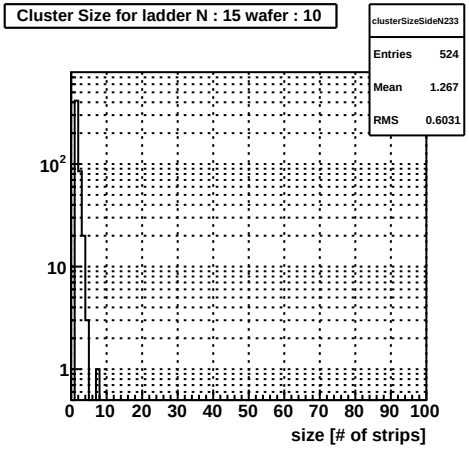

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 1446
Mean 1.291
RMS 0.6645
size [# of strips]

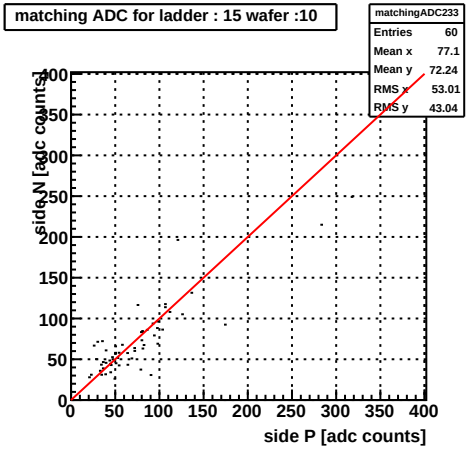

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 41
Mean x 66.54
Mean y 64.59
RMS x 63.63
RMS y 55.61
side N [adc counts]
side P [adc counts]

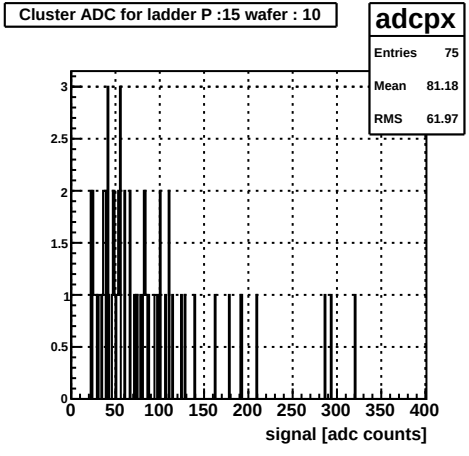

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 101
Mean 62.09
RMS 75.03
signal [adc counts]

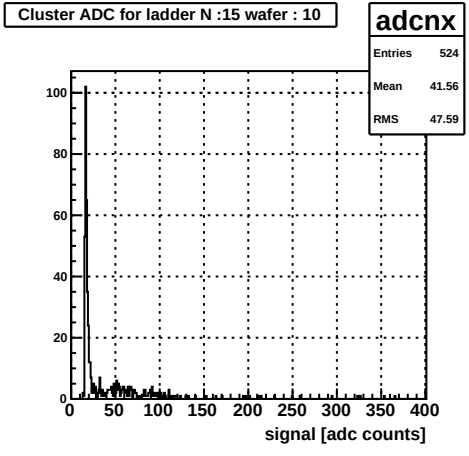

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 1446
Mean 31.43
RMS 37.46
signal [adc counts]

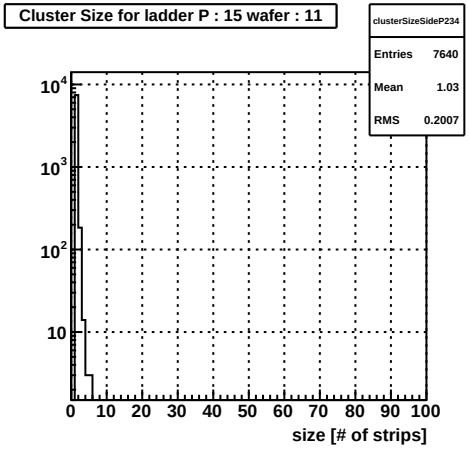

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 75
Mean 1.24
RMS 0.5376
size [# of strips]

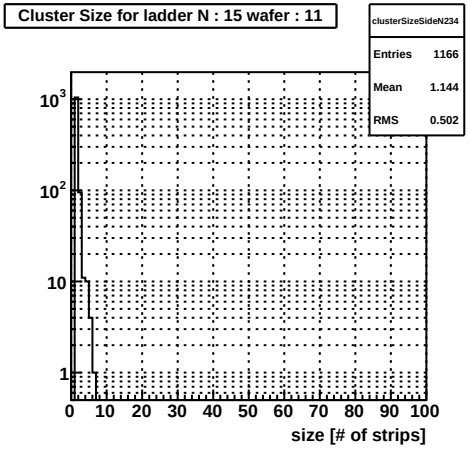

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 524
Mean 1.267
RMS 0.6031
size [# of strips]

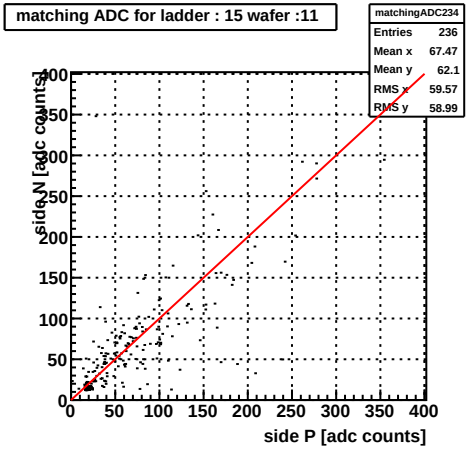

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 60
Mean x 77.1
Mean y 72.24
RMS x 53.01
RMS y 43.04
side N [adc counts]
side P [adc counts]

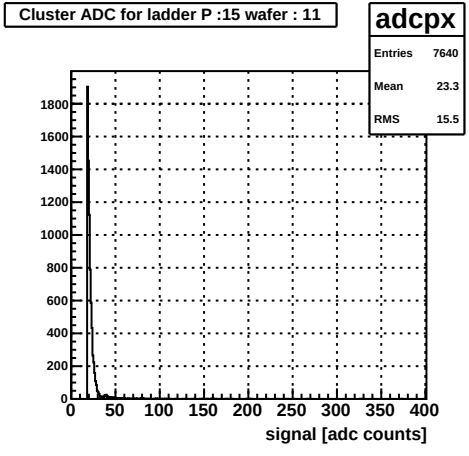

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 75
Mean 81.18
RMS 61.97
signal [adc counts]

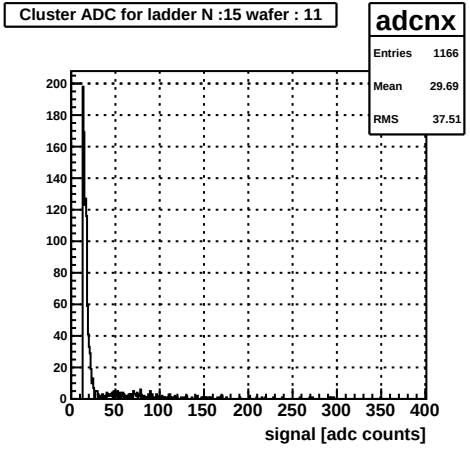

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 524
Mean 41.56
RMS 47.59
signal [adc counts]

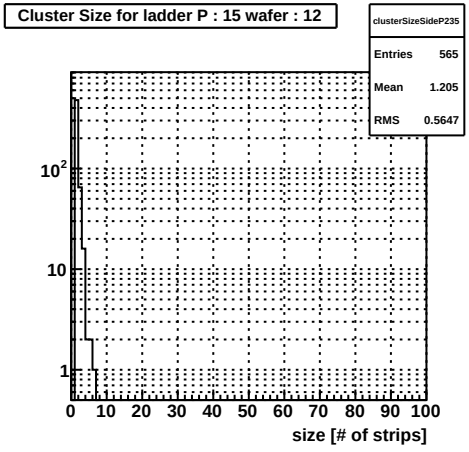

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 7640
Mean 1.03
RMS 0.2007
size [# of strips]

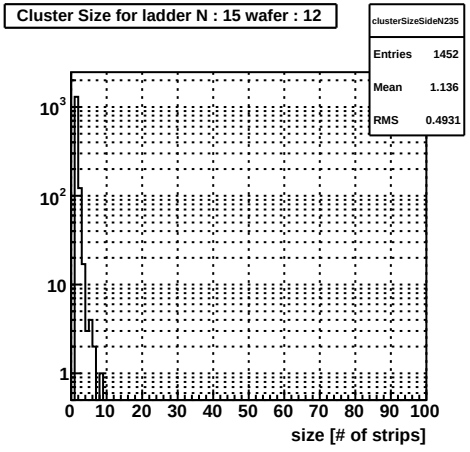

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 1166
Mean 1.144
RMS 0.502
size [# of strips]

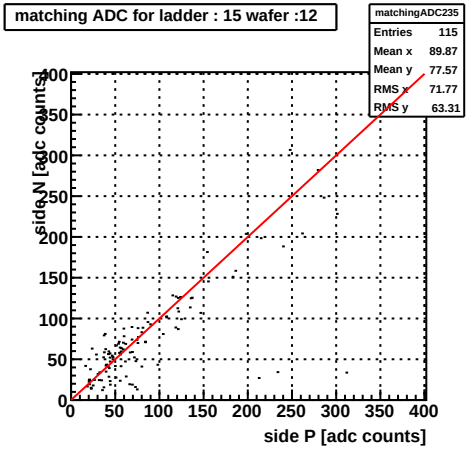

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 236
Mean x 67.47
Mean y 62.1
RMS x 59.57
RMS y 58.99
side N [adc counts]
side P [adc counts]

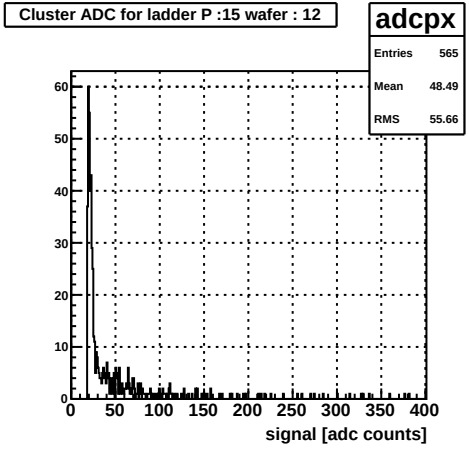

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 7640
Mean 23.3
RMS 15.5
signal [adc counts]

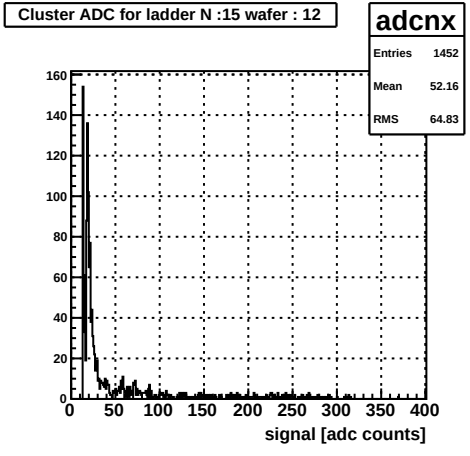

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 1166
Mean 29.69
RMS 37.51
signal [adc counts]

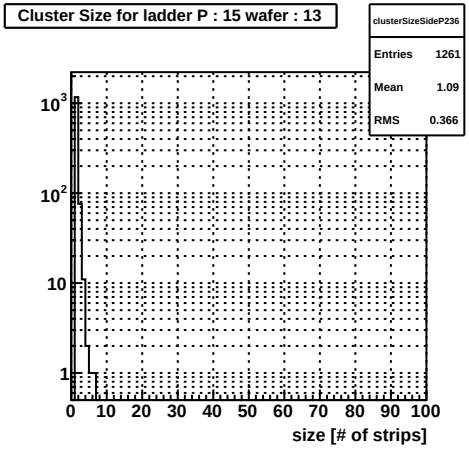

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 565
Mean 1.205
RMS 0.5647
size [# of strips]

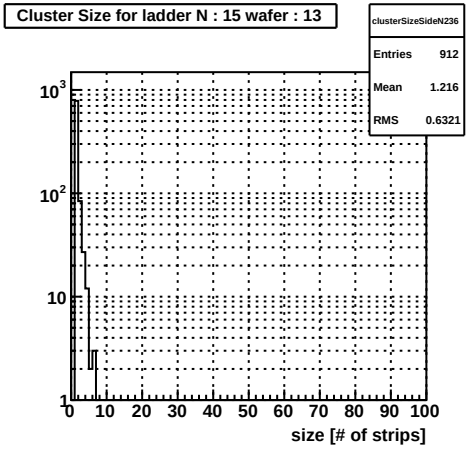

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 1452
Mean 1.136
RMS 0.4931
size [# of strips]

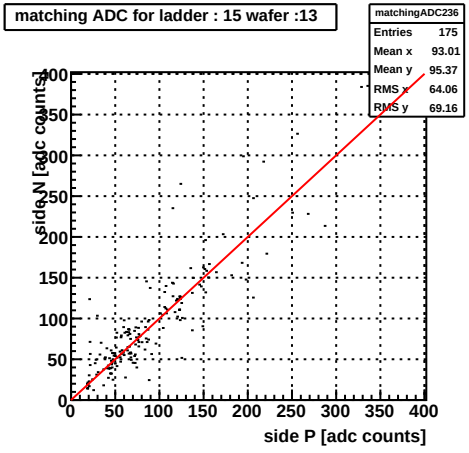

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 115
Mean x 89.87
Mean y 77.57
RMS x 71.77
RMS y 63.31
side N [adc counts]
side P [adc counts]

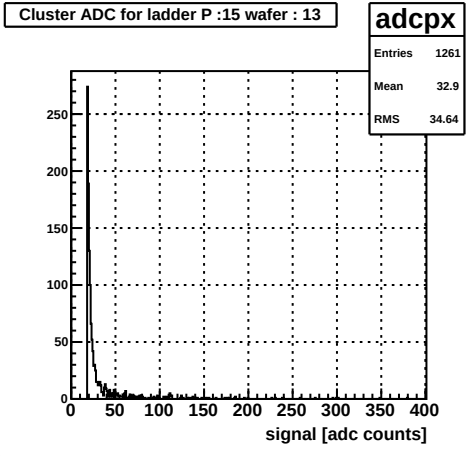

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 565
Mean 48.49
RMS 55.66
signal [adc counts]

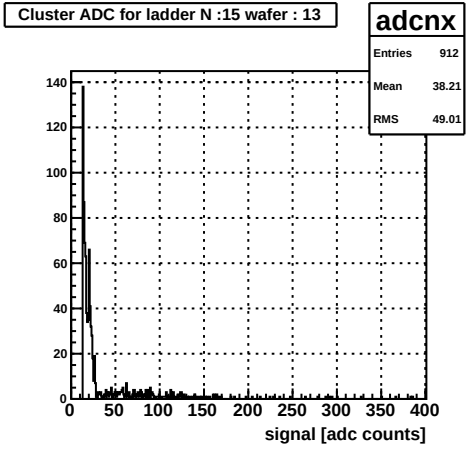

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 1452
Mean 52.16
RMS 64.83
signal [adc counts]

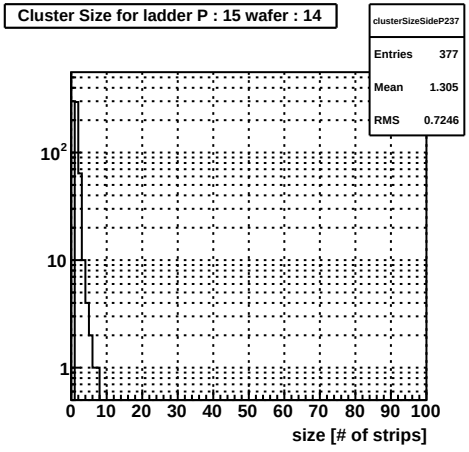

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 1261
Mean 1.09
RMS 0.366
size [# of strips]

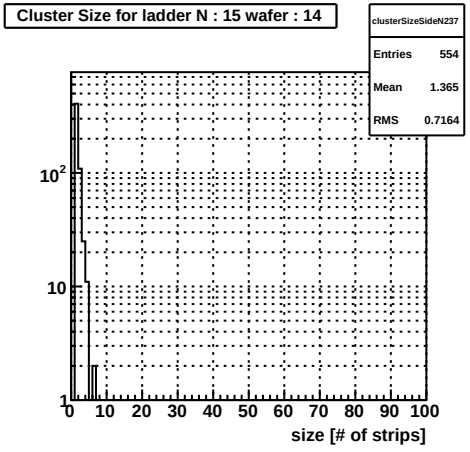

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 912
Mean 1.216
RMS 0.6321
size [# of strips]

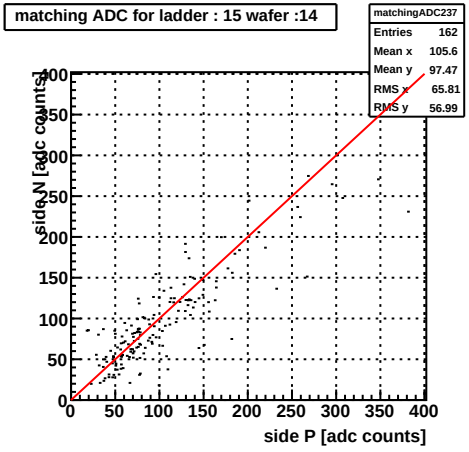

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 175
Mean x 93.01
Mean y 95.37
RMS x 64.06
RMS y 69.16
side N [adc counts]
side P [adc counts]

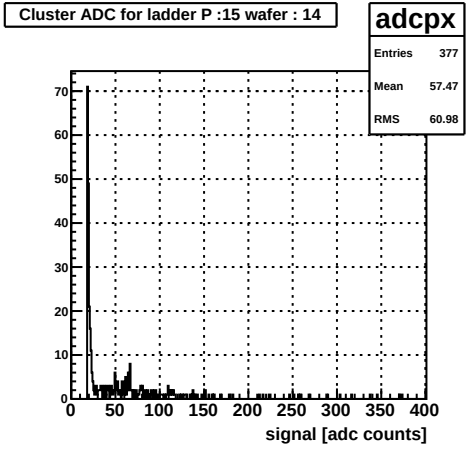

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 1261
Mean 32.9
RMS 34.64
signal [adc counts]

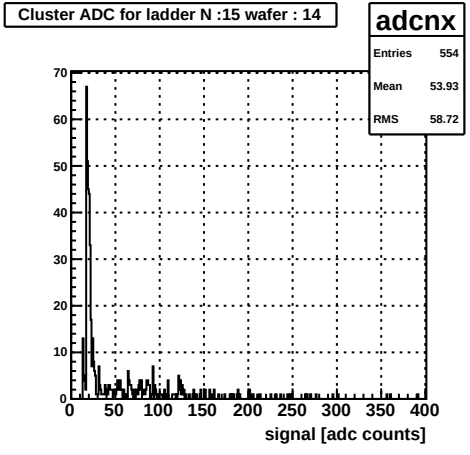

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 912
Mean 38.21
RMS 49.01
signal [adc counts]

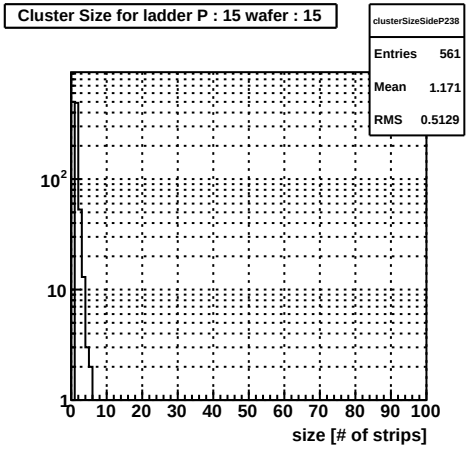

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 377
Mean 1.305
RMS 0.7246
size [# of strips]

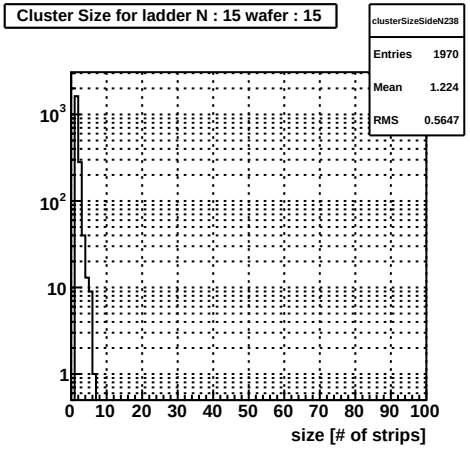

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 554
Mean 1.365
RMS 0.7164
size [# of strips]

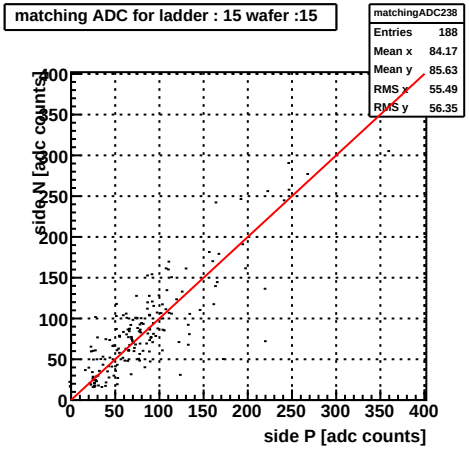

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 162
Mean x 105.6
Mean y 97.47
RMS x 65.81
RMS y 56.99
side N [adc counts]
side P [adc counts]

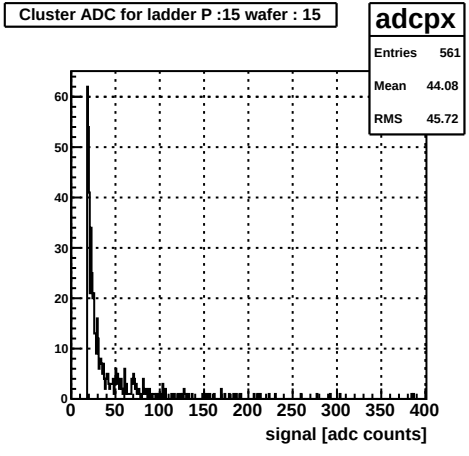

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 377
Mean 57.47
RMS 60.98
signal [adc counts]

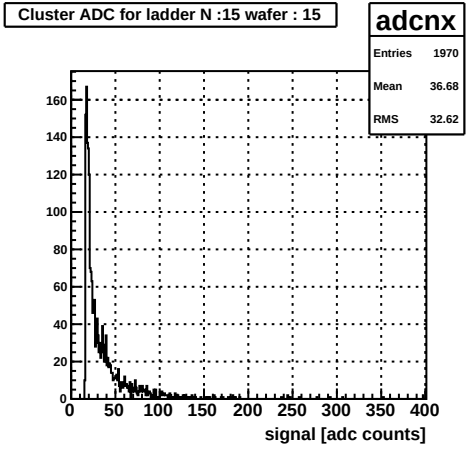

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 554
Mean 53.93
RMS 58.72
signal [adc counts]

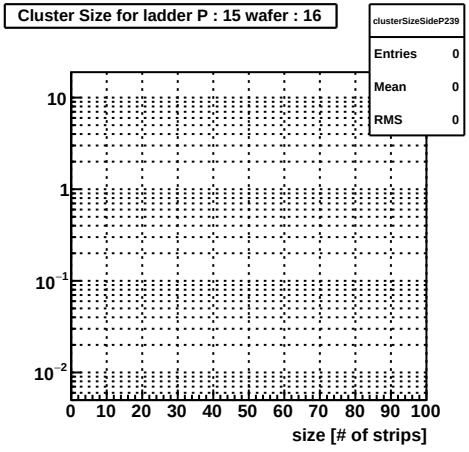

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 561
Mean 1.171
RMS 0.5129
size [# of strips]

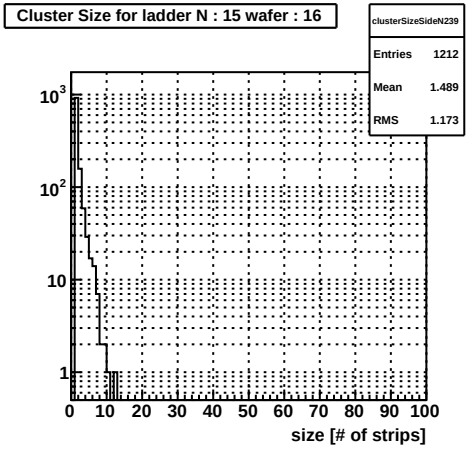

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 1970
Mean 1.224
RMS 0.5647
size [# of strips]

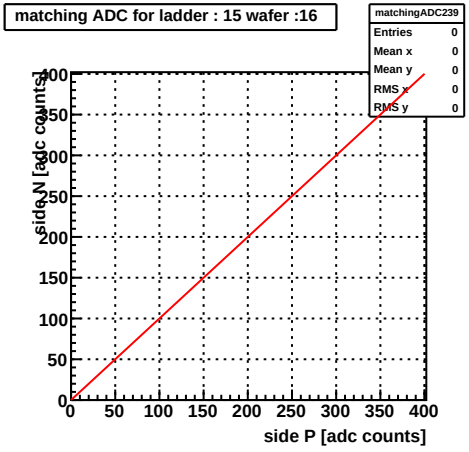

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 188
Mean x 84.17
Mean y 85.63
RMS x 55.49
RMS y 56.35
side N [adc counts]
side P [adc counts]

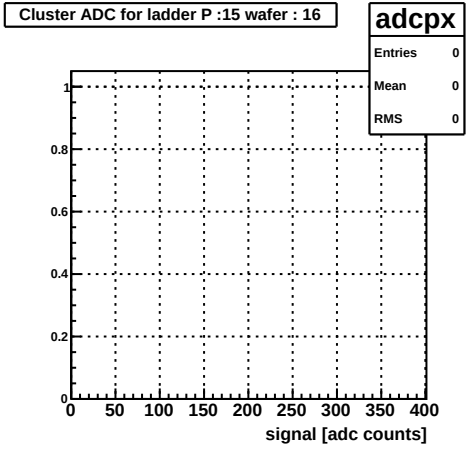

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 561
Mean 44.08
RMS 45.72
signal [adc counts]

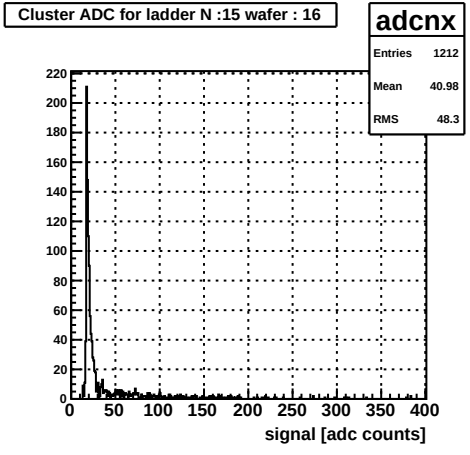

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 1970
Mean 36.68
RMS 32.62
signal [adc counts]

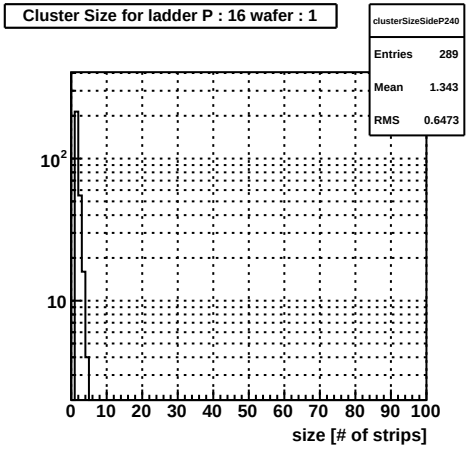

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 0
Mean 0
RMS 0
size [# of strips]

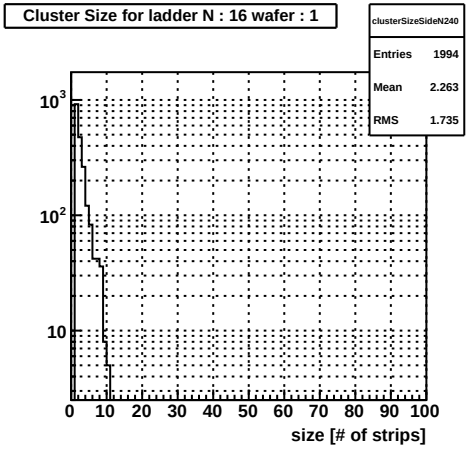

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 1212
Mean 1.489
RMS 1.173
size [# of strips]

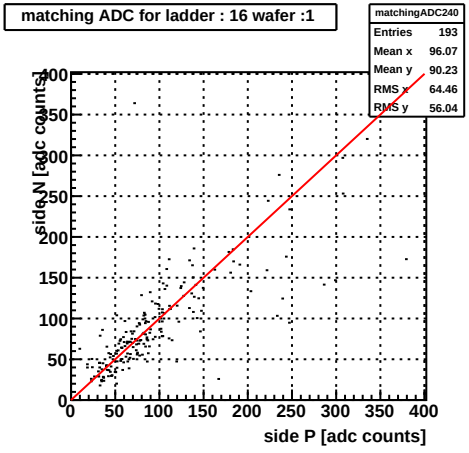

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

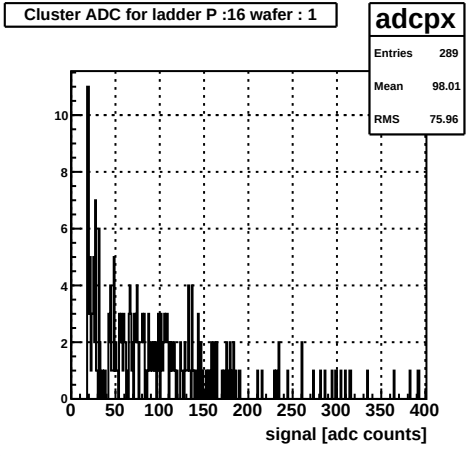

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

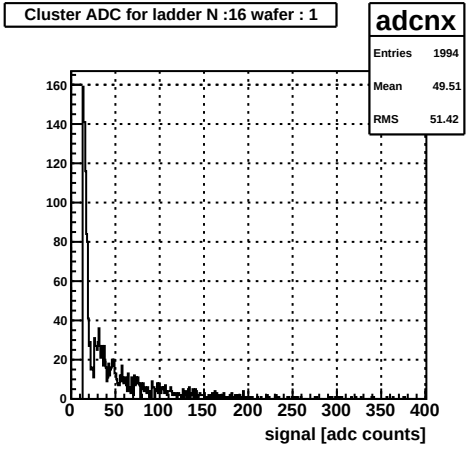

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 1212
Mean 40.98
RMS 48.3
signal [adc counts]

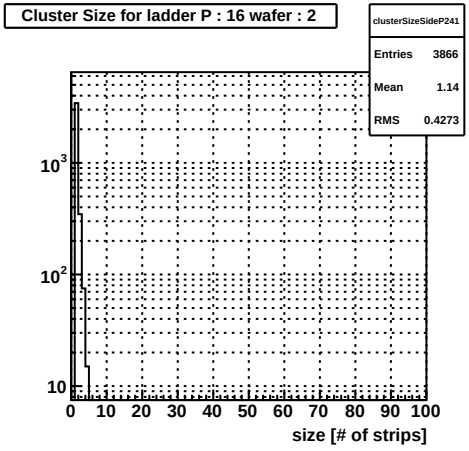

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 289
Mean 1.343
RMS 0.6473
size [# of strips]

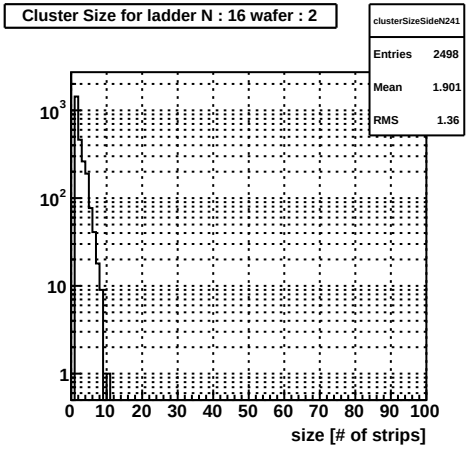

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 1994
Mean 2.263
RMS 1.735
size [# of strips]

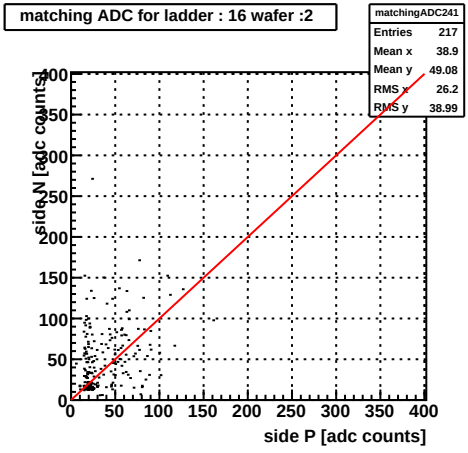

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 193
Mean x 96.07
Mean y 90.23
RMS x 64.46
RMS y 56.04
side N [adc counts]
side P [adc counts]

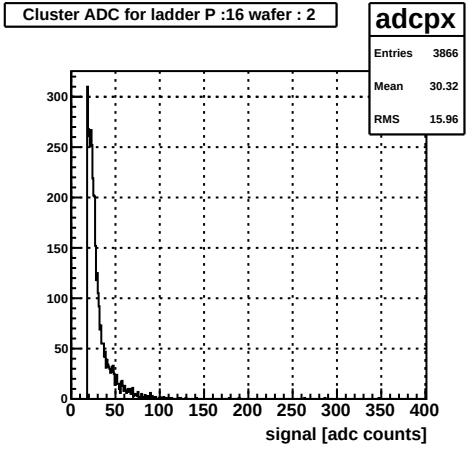

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 289
Mean 98.01
RMS 75.96
signal [adc counts]

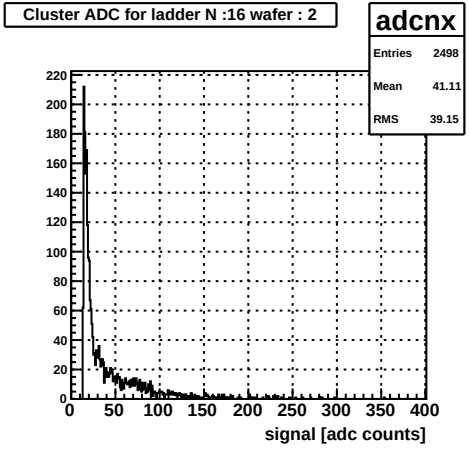

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 1994
Mean 49.51
RMS 51.42
signal [adc counts]

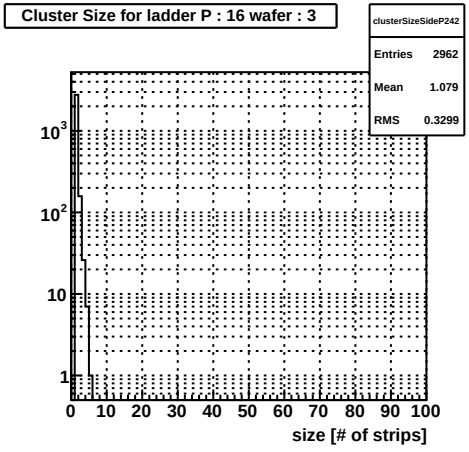

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 3866
Mean 1.14
RMS 0.4273
size [# of strips]

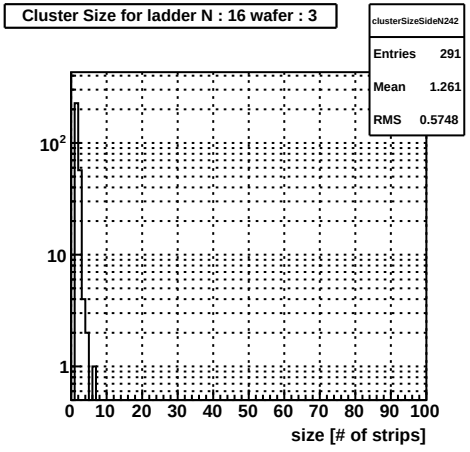

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 2498
Mean 1.901
RMS 1.36
size [# of strips]

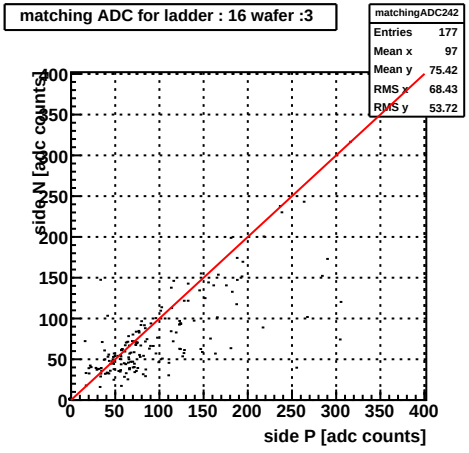

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 217
Mean x 38.9
Mean y 49.08
RMS x 26.2
RMS y 38.99
side N [adc counts]
side P [adc counts]

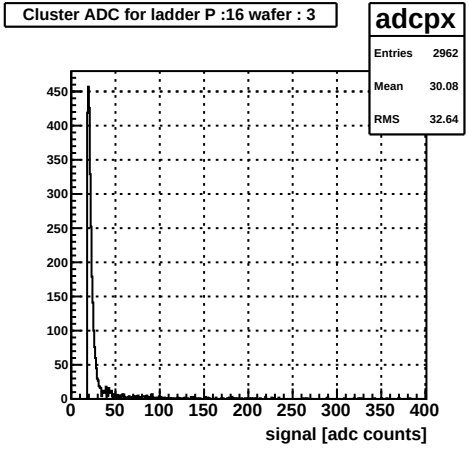

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 3866
Mean 30.32
RMS 15.96
signal [adc counts]

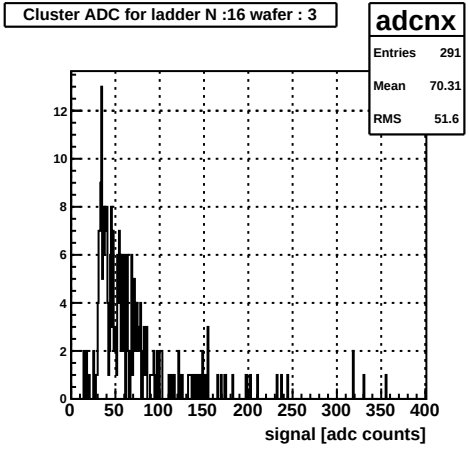

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 2498
Mean 41.11
RMS 39.15
signal [adc counts]

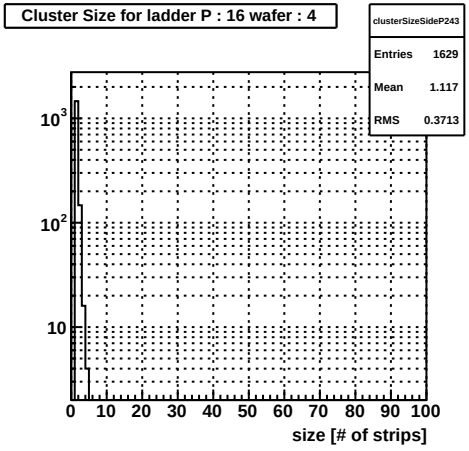

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 2962
Mean 1.079
RMS 0.3299
size [# of strips]

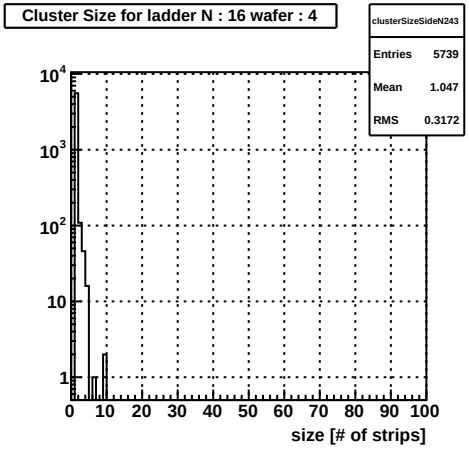

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 291
Mean 1.261
RMS 0.5748
size [# of strips]

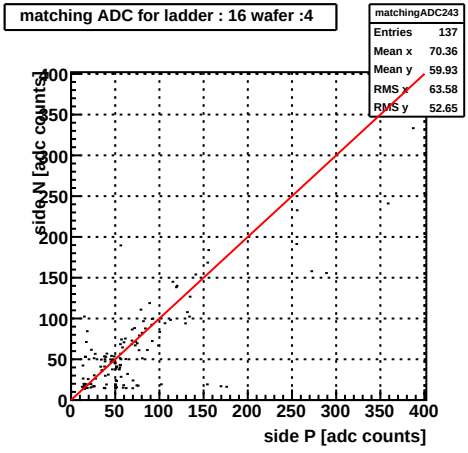

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 177
Mean x 97
Mean y 75.42
RMS x 68.43
RMS y 53.72
side N [adc counts]
side P [adc counts]

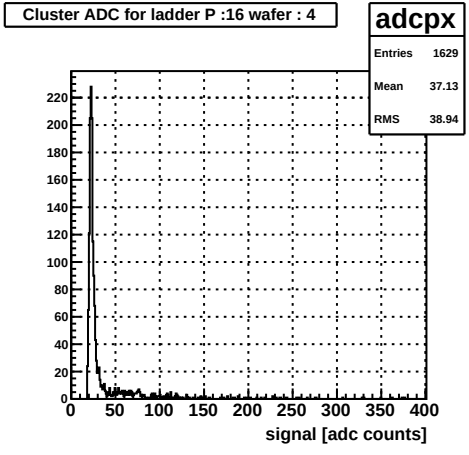

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 2962
Mean 30.08
RMS 32.64
signal [adc counts]

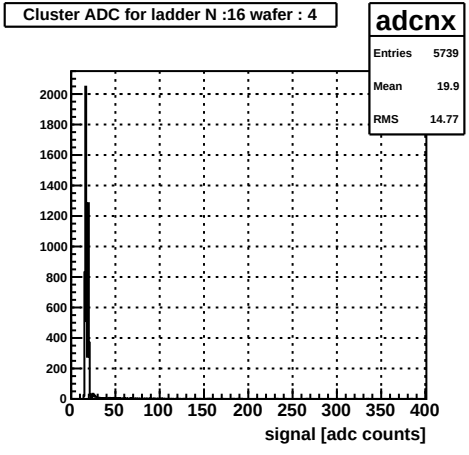

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 291
Mean 70.31
RMS 51.6
signal [adc counts]

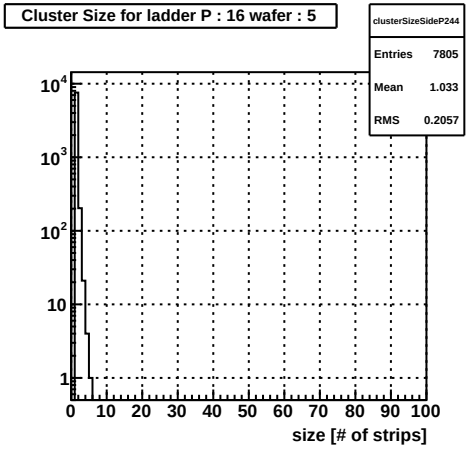

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 1629
Mean 1.117
RMS 0.3713
size [# of strips]

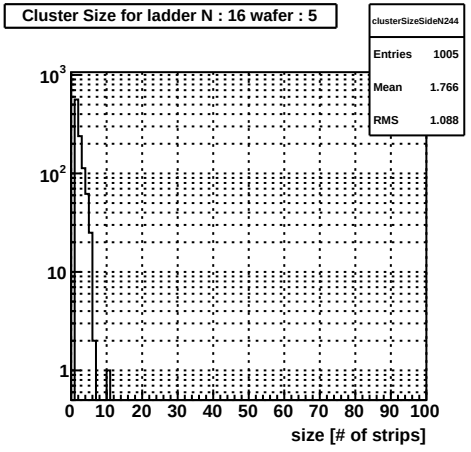

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 5739
Mean 1.047
RMS 0.3172
size [# of strips]

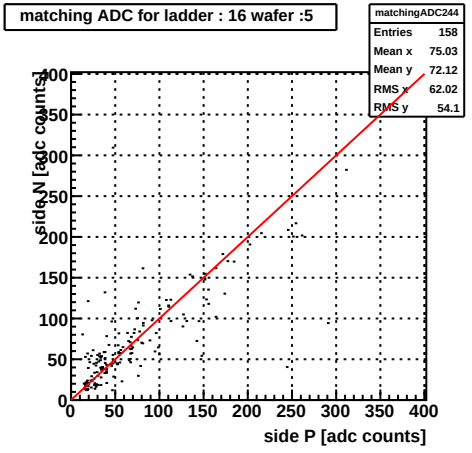

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 137
Mean x 70.36
Mean y 59.93
RMS x 63.58
RMS y 52.65
side N [adc counts]
side P [adc counts]

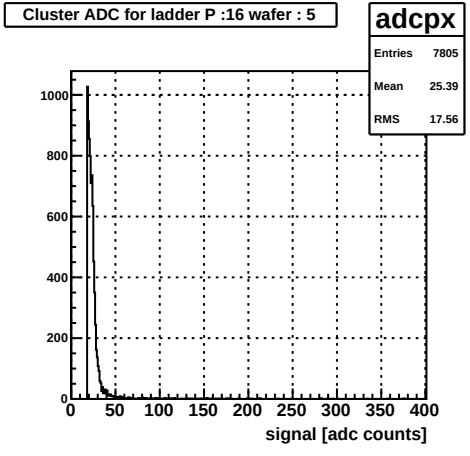

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 1629
Mean 37.13
RMS 38.94
signal [adc counts]

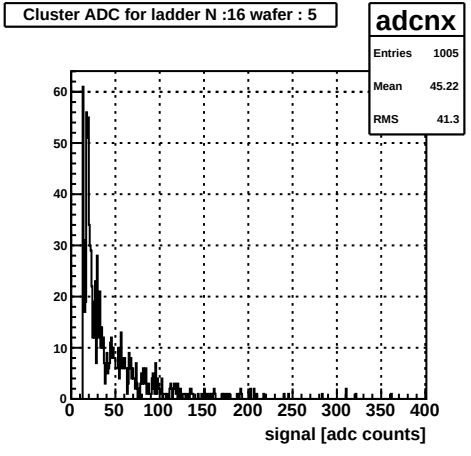

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 5739
Mean 19.9
RMS 14.77
signal [adc counts]

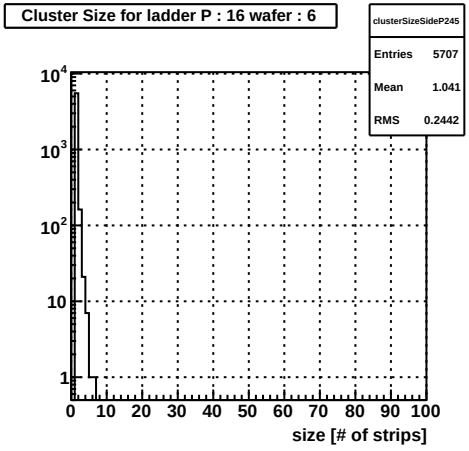

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 7805
Mean 1.033
RMS 0.2057
size [# of strips]

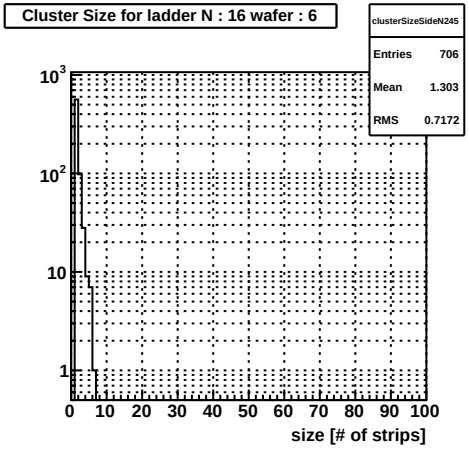

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 1005
Mean 1.766
RMS 1.088
size [# of strips]

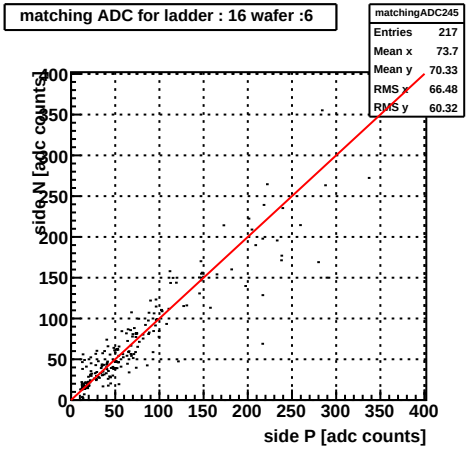

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 158
Mean x 75.03
Mean y 72.12
RMS x 62.02
RMS y 54.1
side N [adc counts]
side P [adc counts]

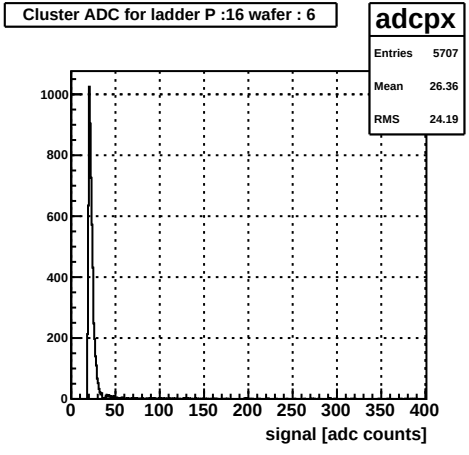

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 7805
Mean 25.39
RMS 17.56
signal [adc counts]

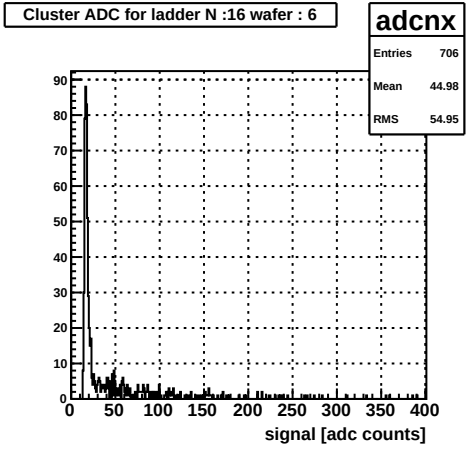

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 1005
Mean 45.22
RMS 41.3
signal [adc counts]

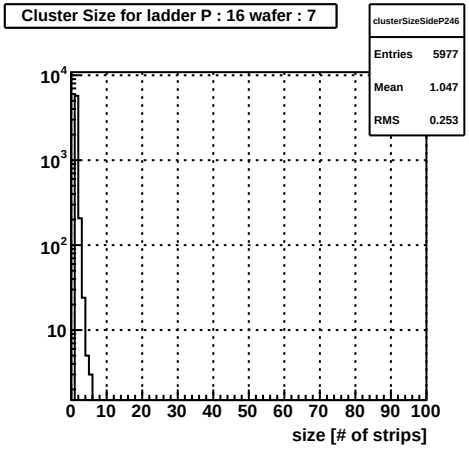

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 5707
Mean 1.041
RMS 0.2442
size [# of strips]

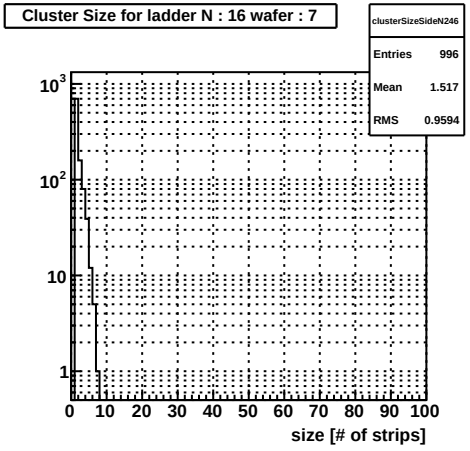

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 706
Mean 1.303
RMS 0.7172
size [# of strips]

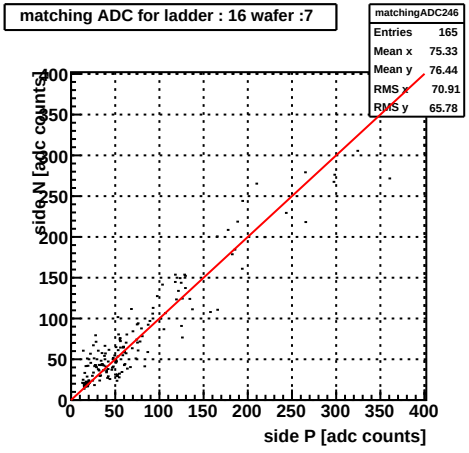

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 217
Mean x 73.7
Mean y 70.33
RMS x 66.48
RMS y 60.32
side N [adc counts]
side P [adc counts]

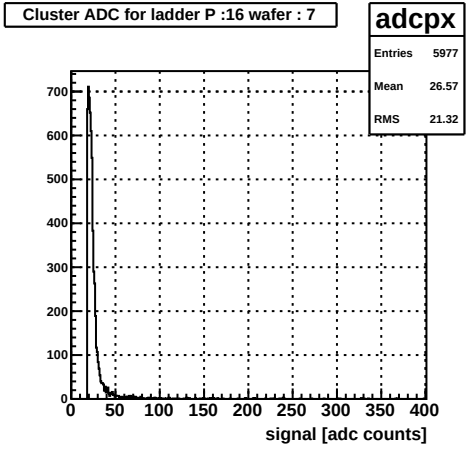

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 5707
Mean 26.36
RMS 24.19
signal [adc counts]

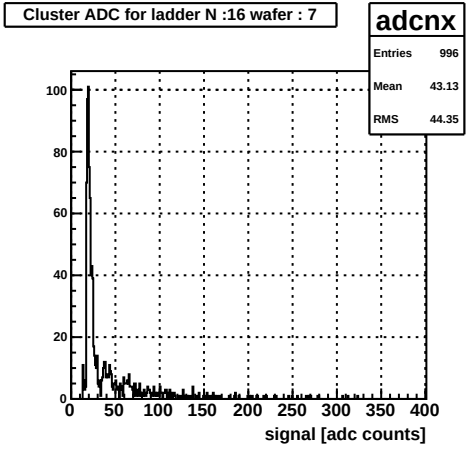

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 706
Mean 44.98
RMS 54.95
signal [adc counts]

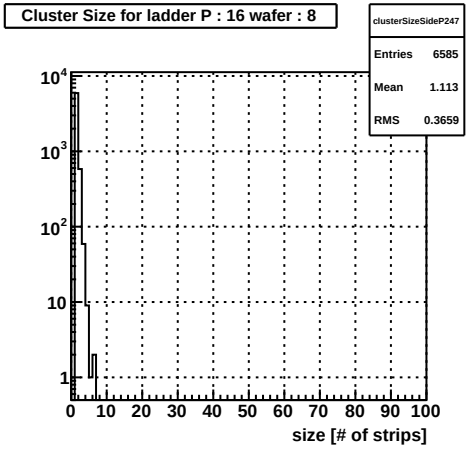

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 5977
Mean 1.047
RMS 0.253
size [# of strips]

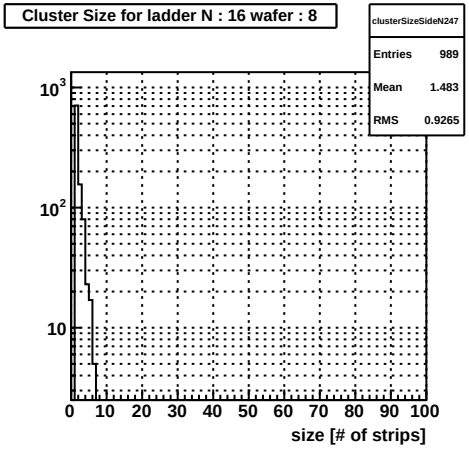

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 996
Mean 1.517
RMS 0.9594
size [# of strips]

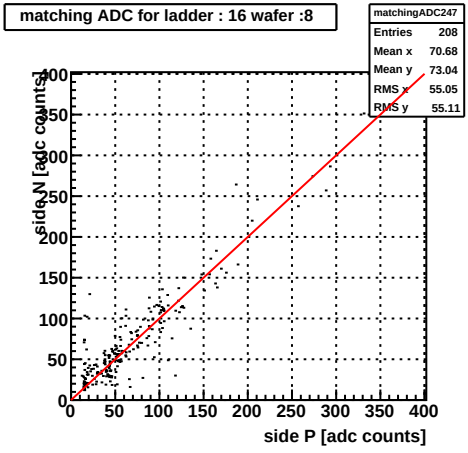

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 165
Mean x 75.33
Mean y 76.44
RMS x 70.91
RMS y 65.78
side N [adc counts]
side P [adc counts]

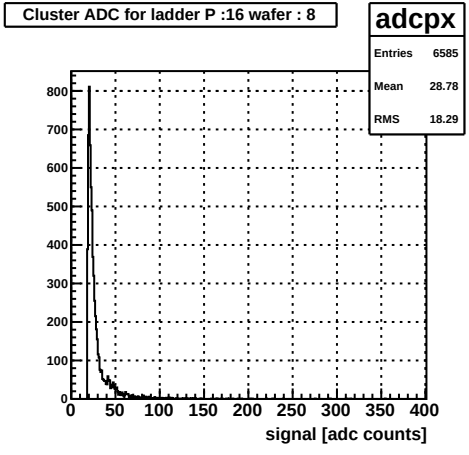

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 5977
Mean 26.57
RMS 21.32
signal [adc counts]

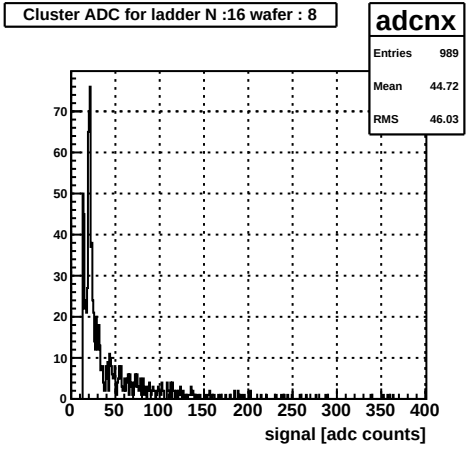

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 996
Mean 43.13
RMS 44.35
signal [adc counts]

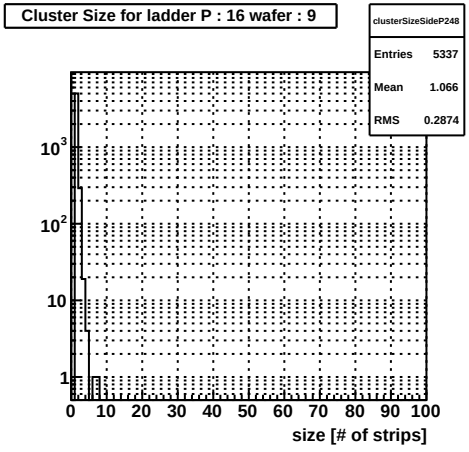

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 6585
Mean 1.113
RMS 0.3659
size [# of strips]

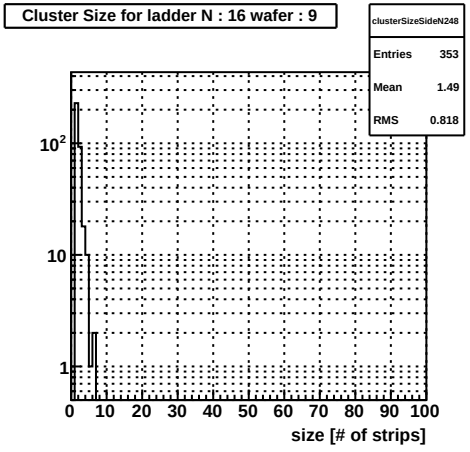

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 989
Mean 1.483
RMS 0.9265
size [# of strips]

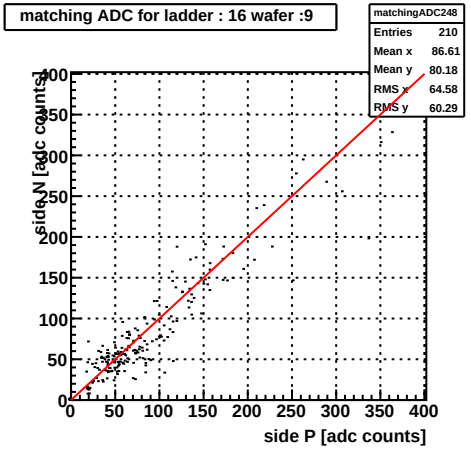

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 208
Mean x 70.68
Mean y 73.04
RMS x 55.05
RMS y 55.11
side N [adc counts]
side P [adc counts]

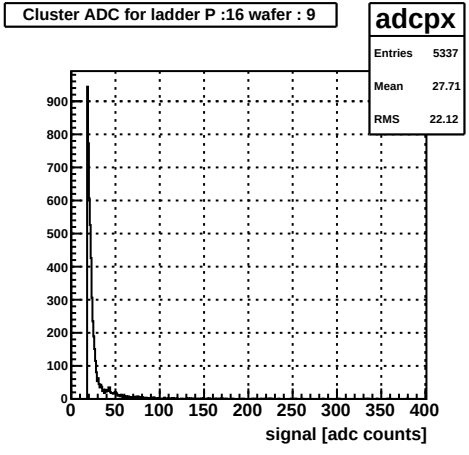

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 6585
Mean 28.78
RMS 18.29
signal [adc counts]

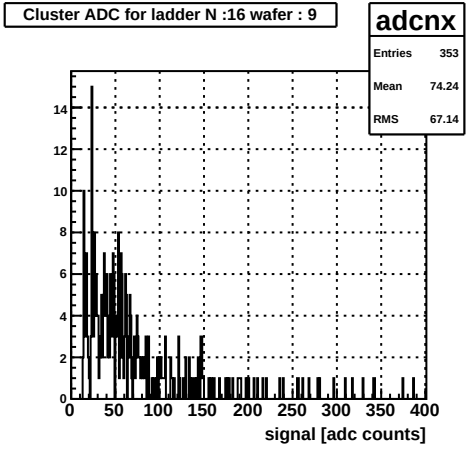

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 989
Mean 44.72
RMS 46.03
signal [adc counts]

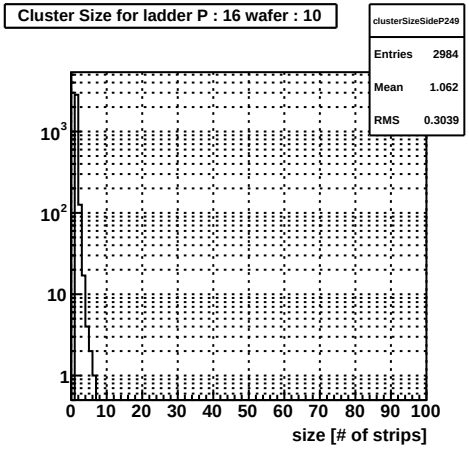

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 5337
Mean 1.066
RMS 0.2874
size [# of strips]

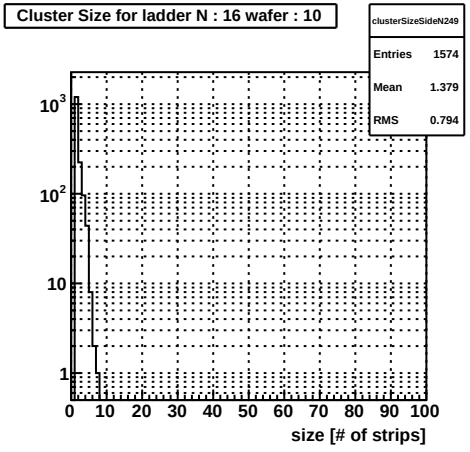

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 353
Mean 1.49
RMS 0.818
size [# of strips]

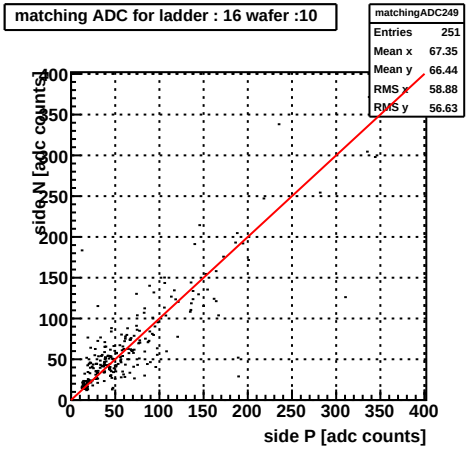

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 210
Mean x 86.61
Mean y 80.18
RMS x 64.58
RMS y 60.29
side N [adc counts]
side P [adc counts]

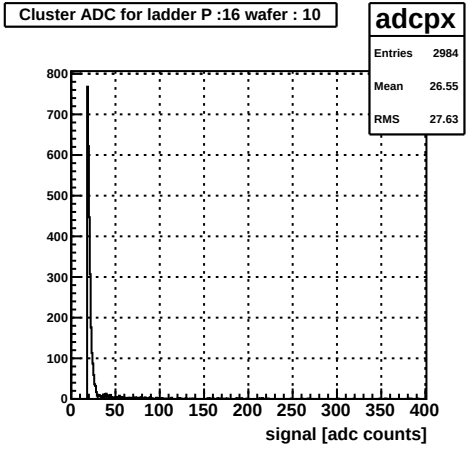

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 5337
Mean 27.71
RMS 22.12
signal [adc counts]

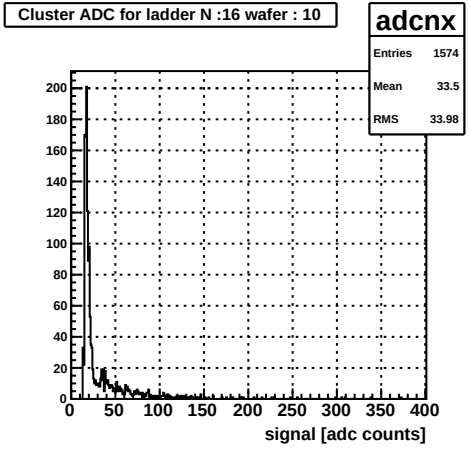

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 353
Mean 74.24
RMS 67.14
signal [adc counts]

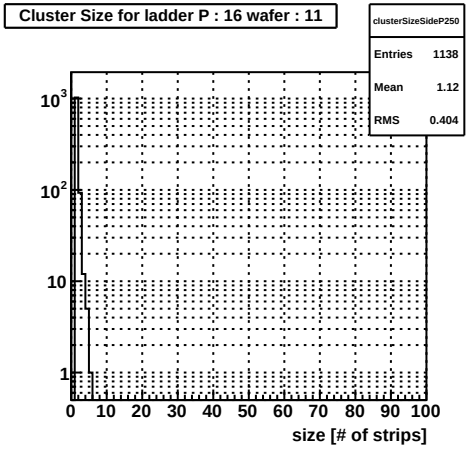

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 2984
Mean 1.062
RMS 0.3039
size [# of strips]

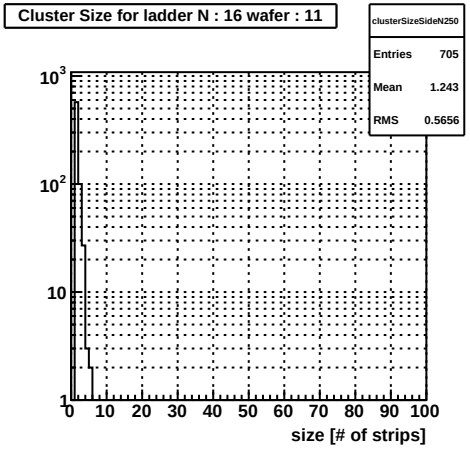

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 1574
Mean 1.379
RMS 0.794
size [# of strips]

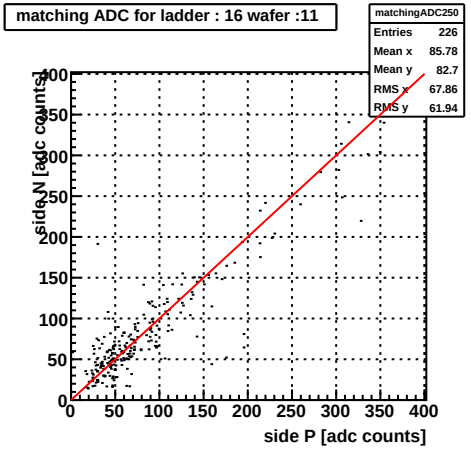

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 251
Mean x 67.35
Mean y 66.44
RMS x 58.88
RMS y 56.63
side N [adc counts]
side P [adc counts]

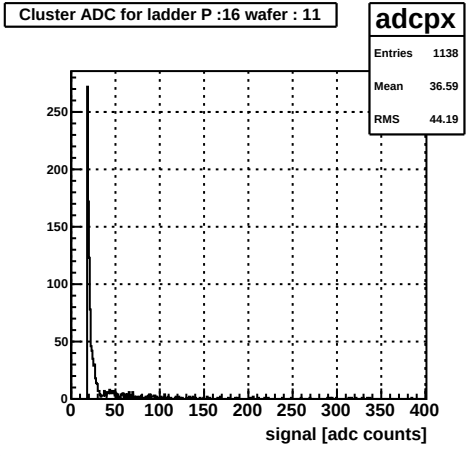

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 2984
Mean 26.55
RMS 27.63
signal [adc counts]

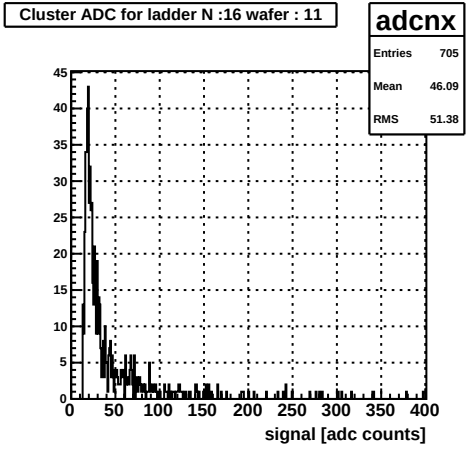

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 1574
Mean 33.5
RMS 33.98
signal [adc counts]

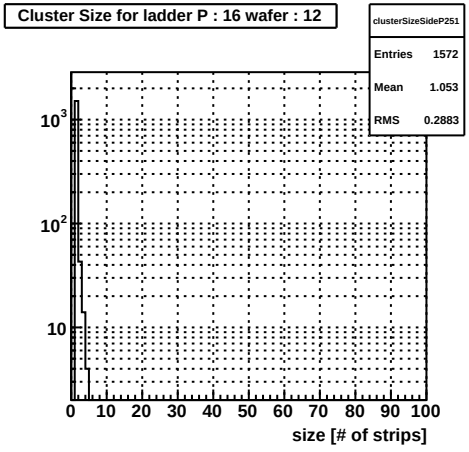

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 1138
Mean 1.12
RMS 0.404
size [# of strips]

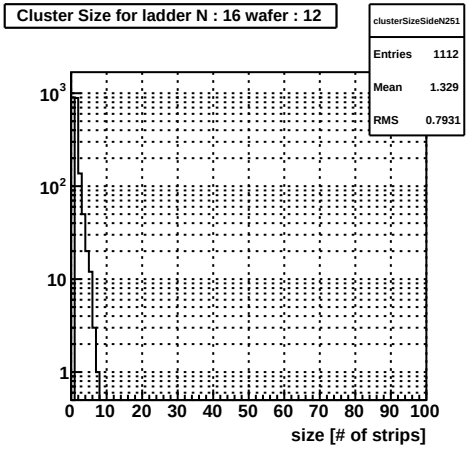

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 705
Mean 1.243
RMS 0.5656
size [# of strips]

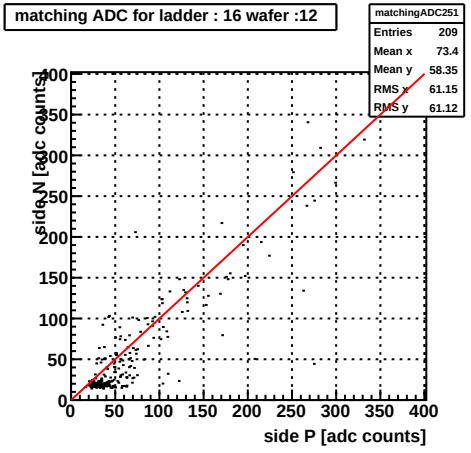

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 226
Mean x 85.78
Mean y 82.7
RMS x 67.86
RMS y 61.94
side N [adc counts]
side P [adc counts]

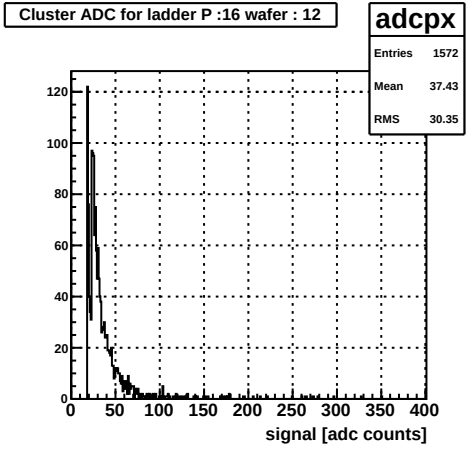

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 1138
Mean 36.59
RMS 44.19
signal [adc counts]

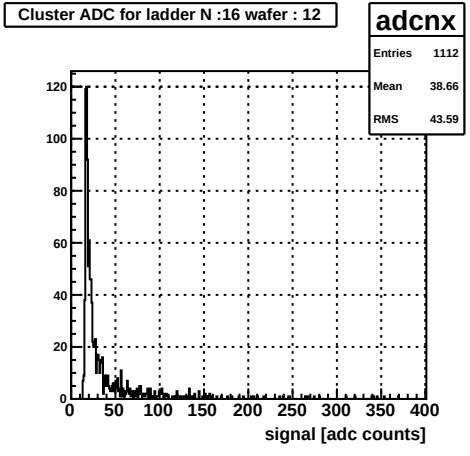

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 705
Mean 46.09
RMS 51.38
signal [adc counts]

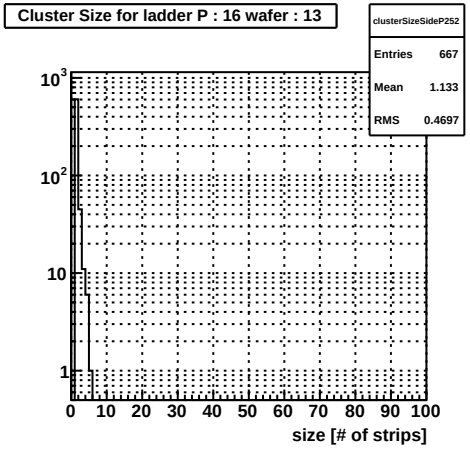

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 1572
Mean 1.053
RMS 0.2883
size [# of strips]

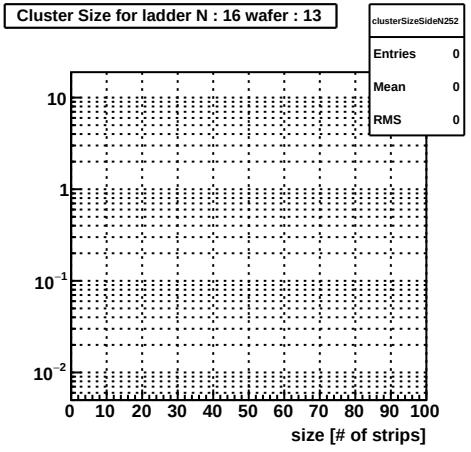

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 1112
Mean 1.329
RMS 0.7931
size [# of strips]

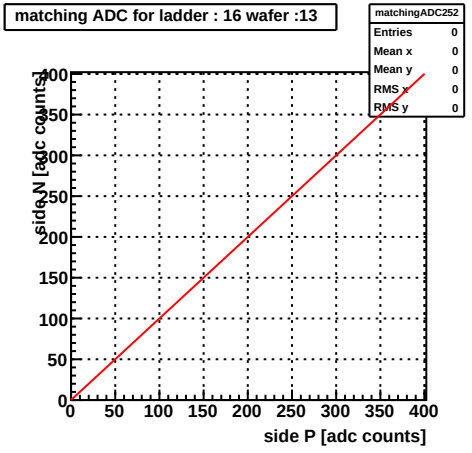

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 209
Mean x 73.4
Mean y 58.35
RMS x 61.15
RMS y 61.12
side N [adc counts]
side P [adc counts]

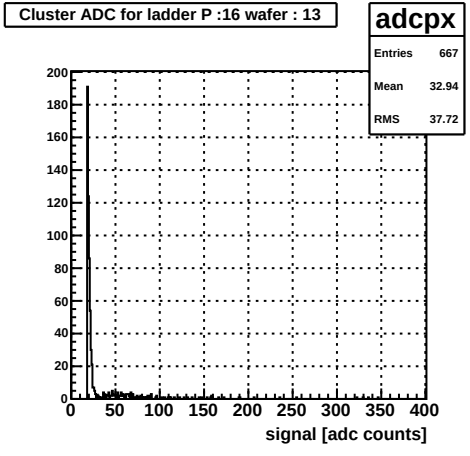

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 1572
Mean 37.43
RMS 30.35
signal [adc counts]

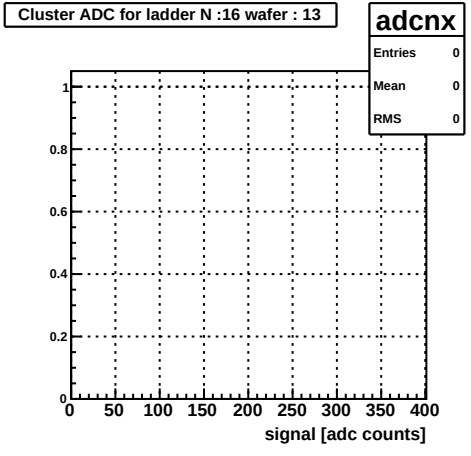

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 1112
Mean 38.66
RMS 43.59
signal [adc counts]

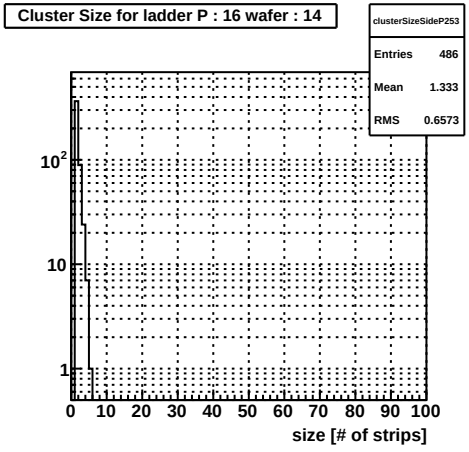

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 667
Mean 1.133
RMS 0.4697
size [# of strips]

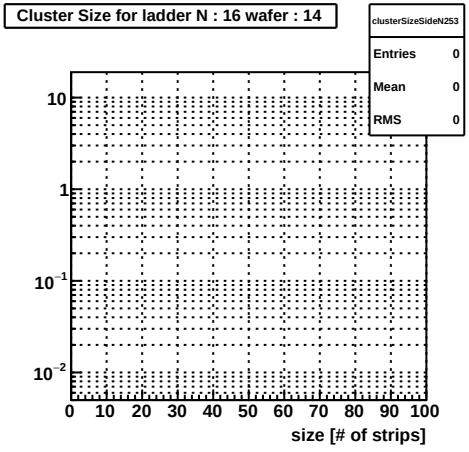

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

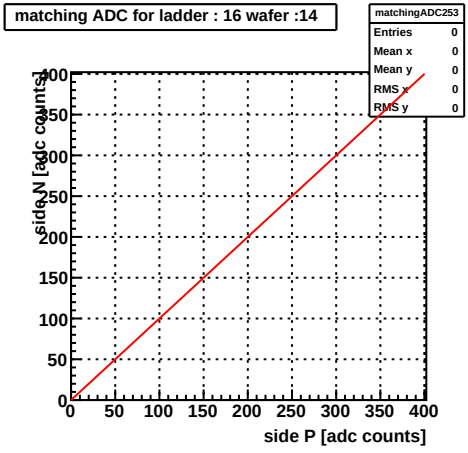

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

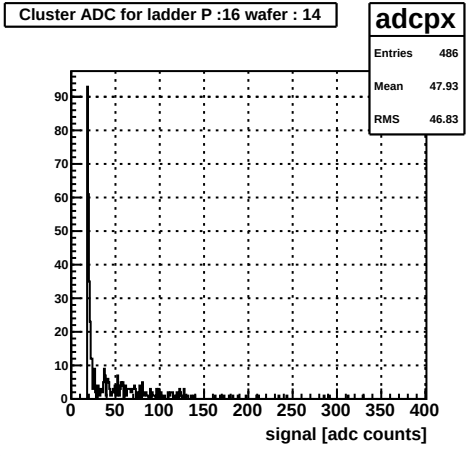

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 667
Mean 32.94
RMS 37.72
signal [adc counts]

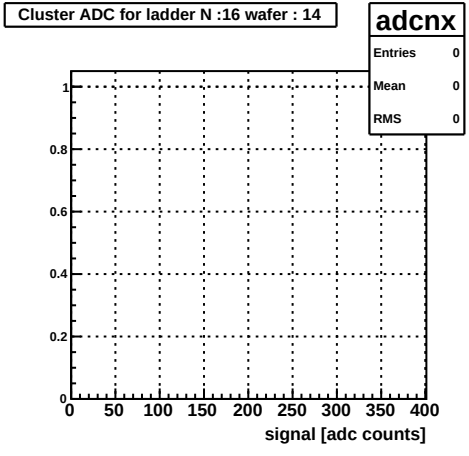

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

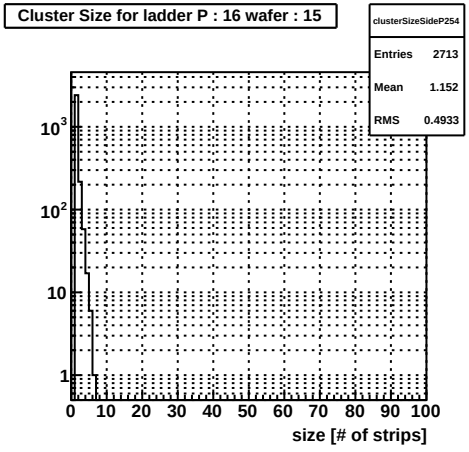

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 486
Mean 1.333
RMS 0.6573
size [# of strips]

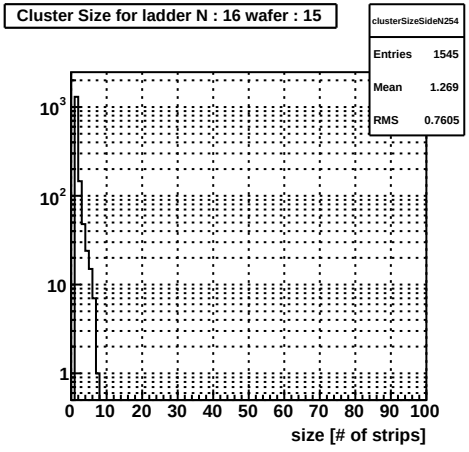

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

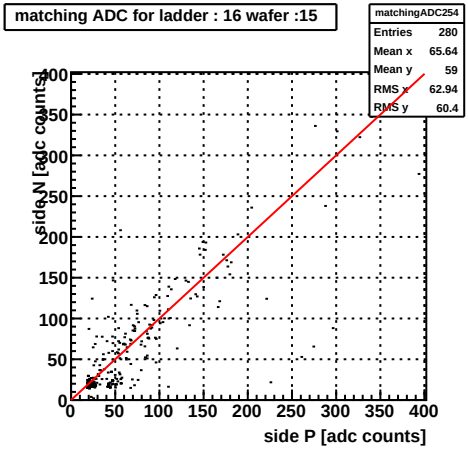

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

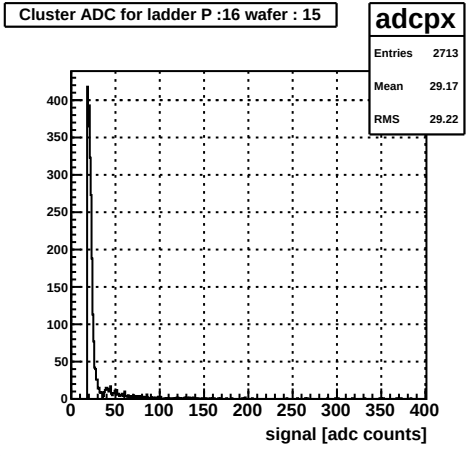

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 486
Mean 47.93
RMS 46.83
signal [adc counts]

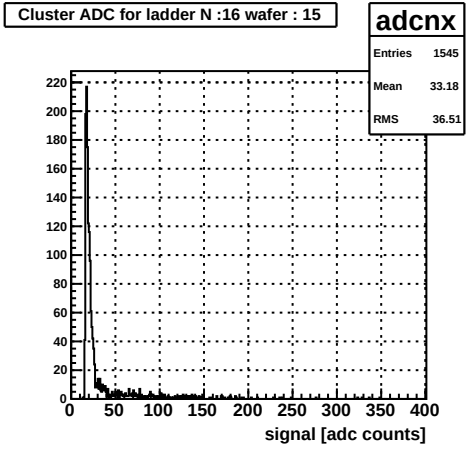

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

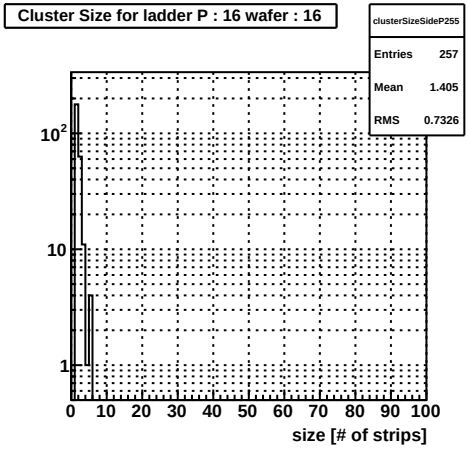

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 2713
Mean 1.152
RMS 0.4933
size [# of strips]

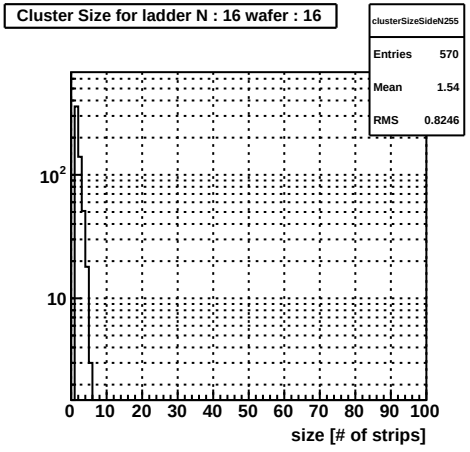

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 1545
Mean 1.269
RMS 0.7605
size [# of strips]

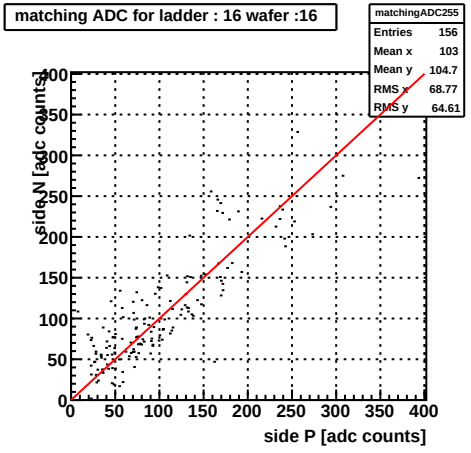

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 280
Mean x 65.64
Mean y 59
RMS x 62.94
RMS y 60.4
side N [adc counts]
side P [adc counts]

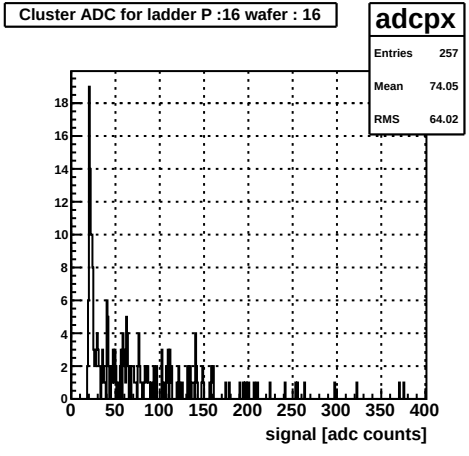

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 2713
Mean 29.17
RMS 29.22
signal [adc counts]

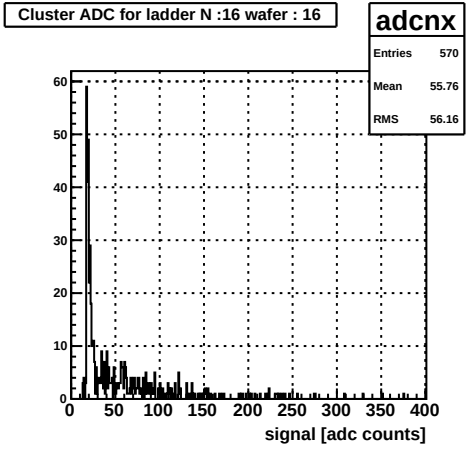

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 1545
Mean 33.18
RMS 36.51
signal [adc counts]

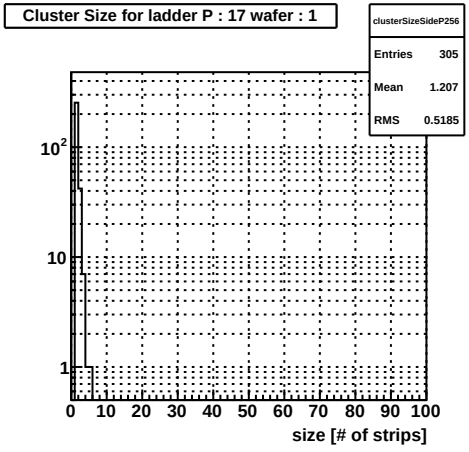

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 257
Mean 1.405
RMS 0.7326
size [# of strips]

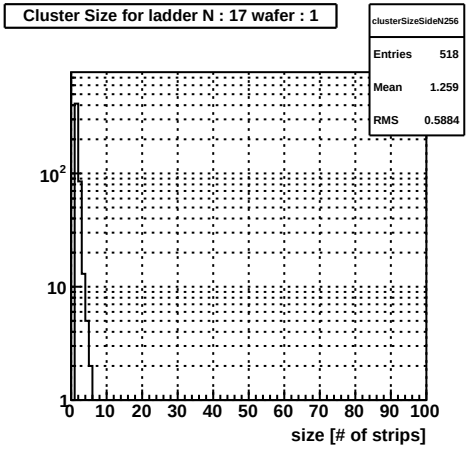

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 570
Mean 1.54
RMS 0.8246
size [# of strips]

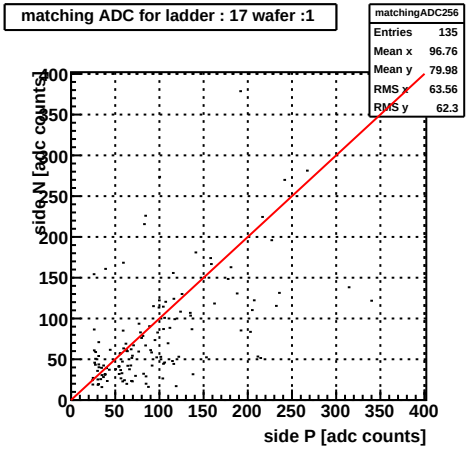

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 156
Mean x 103
Mean y 104.7
RMS x 68.77
RMS y 64.61
side N [adc counts]
side P [adc counts]

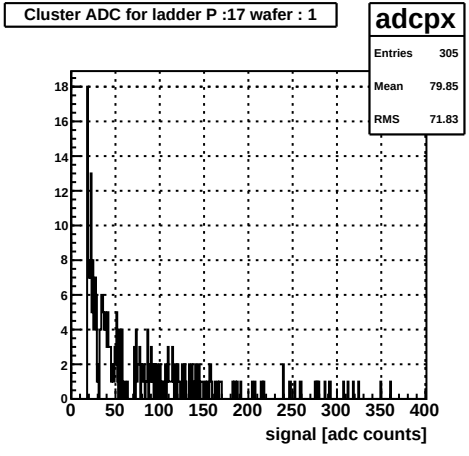

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 257
Mean 74.05
RMS 64.02
signal [adc counts]

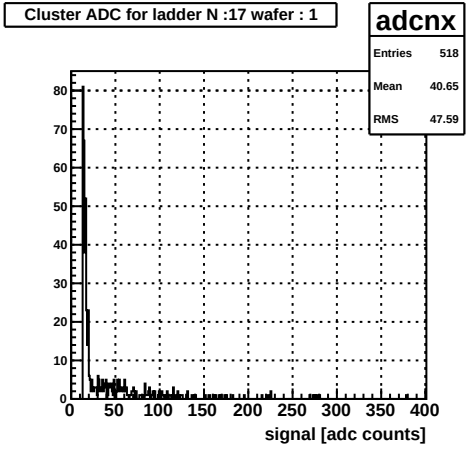

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 570
Mean 55.76
RMS 56.16
signal [adc counts]

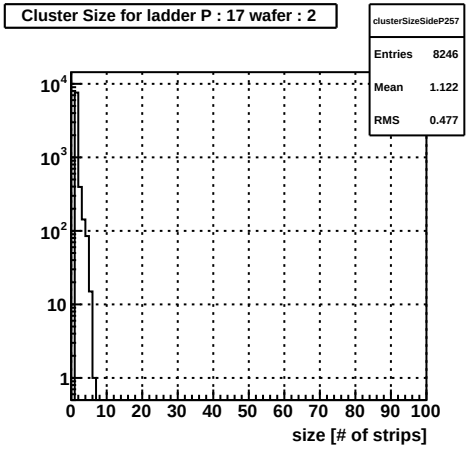

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 305
Mean 1.207
RMS 0.5185
size [# of strips]

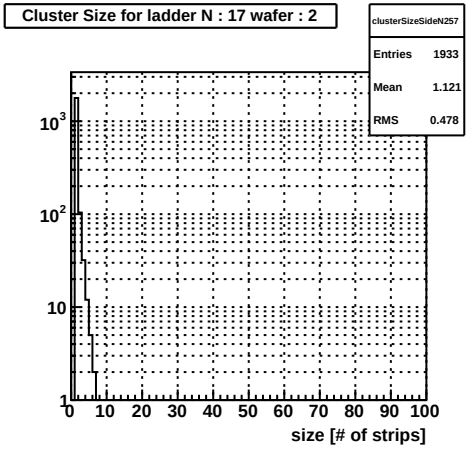

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 518
Mean 1.259
RMS 0.5884
size [# of strips]

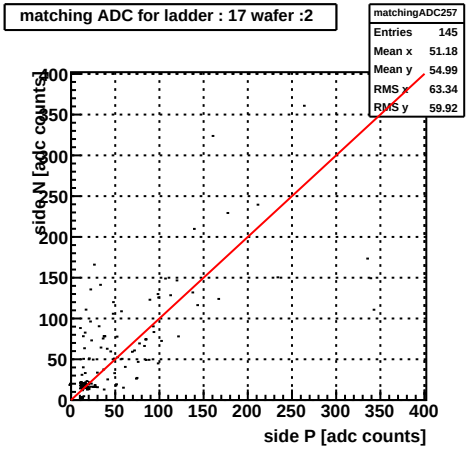

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 135
Mean x 96.76
Mean y 79.98
RMS x 63.56
RMS y 62.3
side N [adc counts]
side P [adc counts]

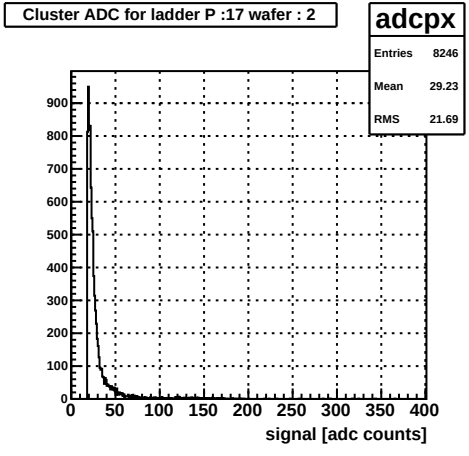

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 305
Mean 79.85
RMS 71.83
signal [adc counts]

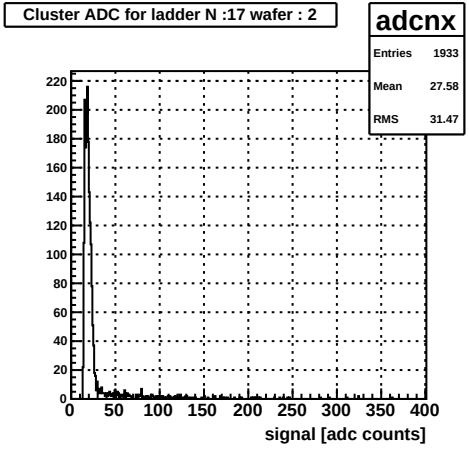

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 518
Mean 40.65
RMS 47.59
signal [adc counts]

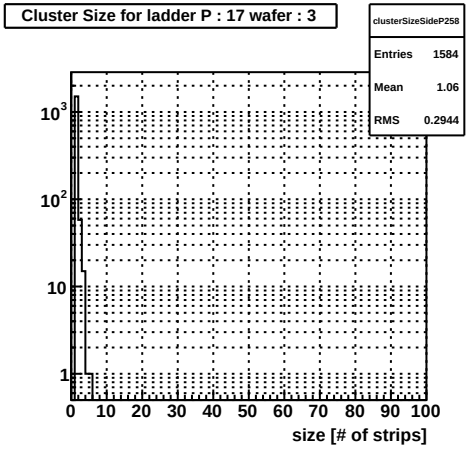

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 8246
Mean 1.122
RMS 0.477
size [# of strips]

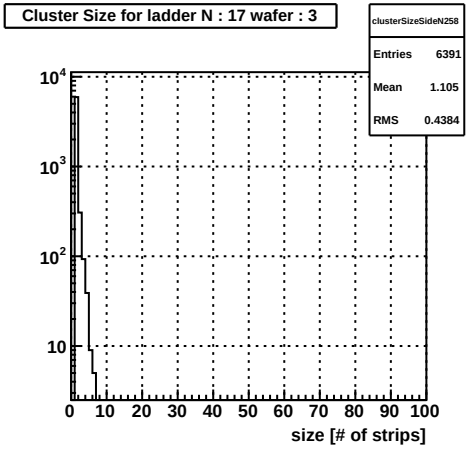

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 1933
Mean 1.121
RMS 0.478
size [# of strips]

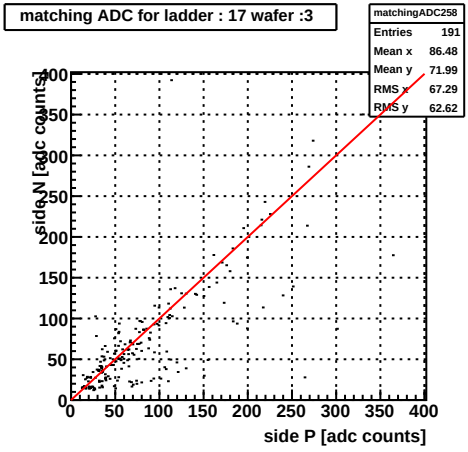

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 145
Mean x 51.18
Mean y 54.99
RMS x 63.34
RMS y 59.92
side N [adc counts]
side P [adc counts]

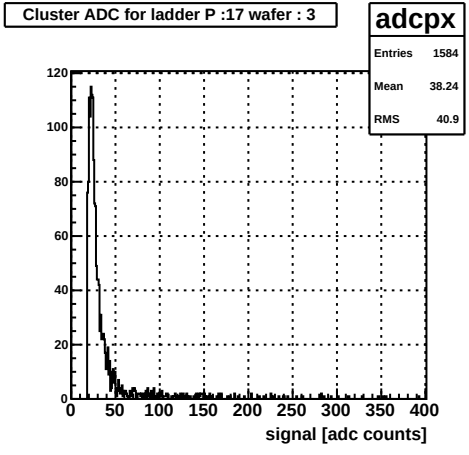

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 8246
Mean 29.23
RMS 21.69
signal [adc counts]

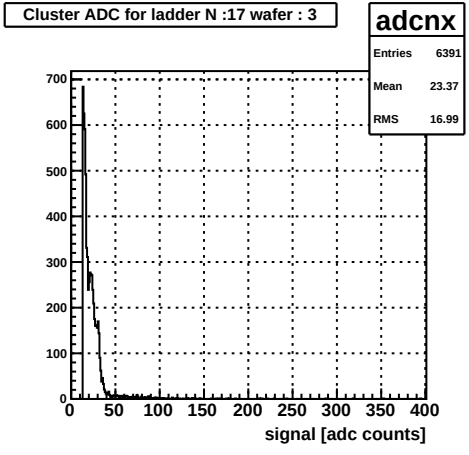

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 1933
Mean 27.58
RMS 31.47
signal [adc counts]

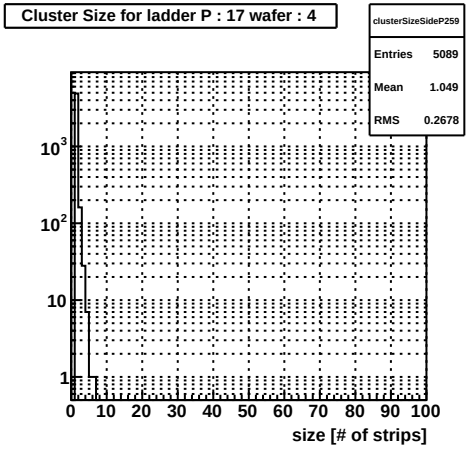

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 1584
Mean 1.06
RMS 0.2944
size [# of strips]

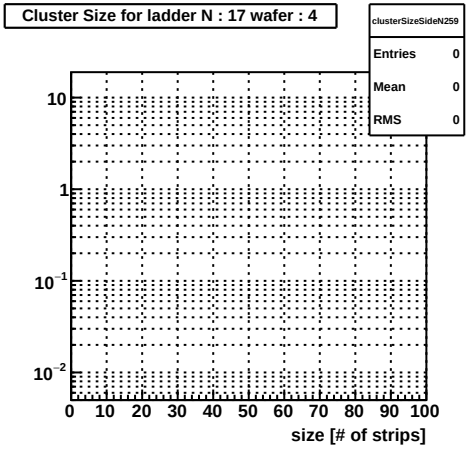

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 6391
Mean 1.105
RMS 0.4384
size [# of strips]

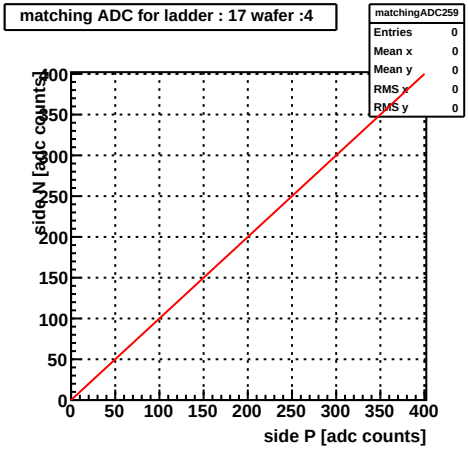

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 191
Mean x 86.48
Mean y 71.99
RMS x 67.29
RMS y 62.62
side N [adc counts]
side P [adc counts]

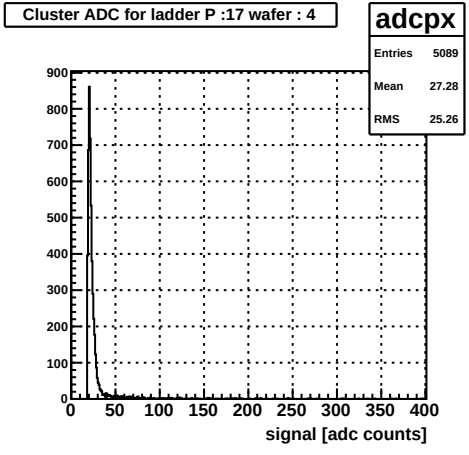

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 1584
Mean 38.24
RMS 40.9
signal [adc counts]

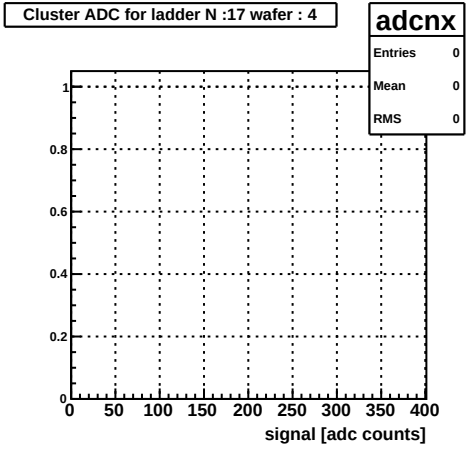

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 6391
Mean 23.37
RMS 16.99
signal [adc counts]

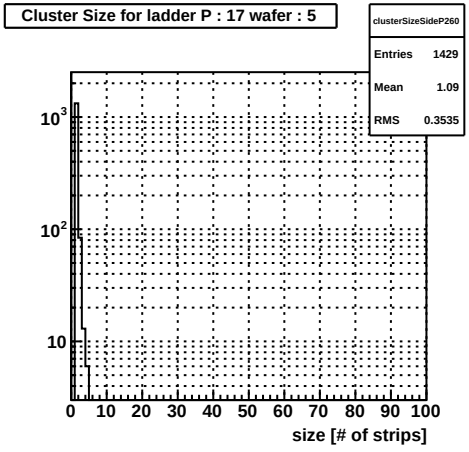

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 5089
Mean 1.049
RMS 0.2678
size [# of strips]

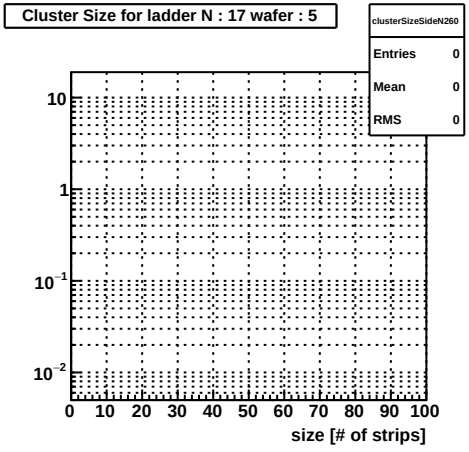

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

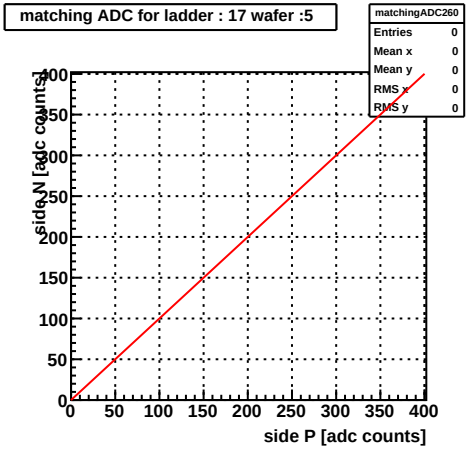

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

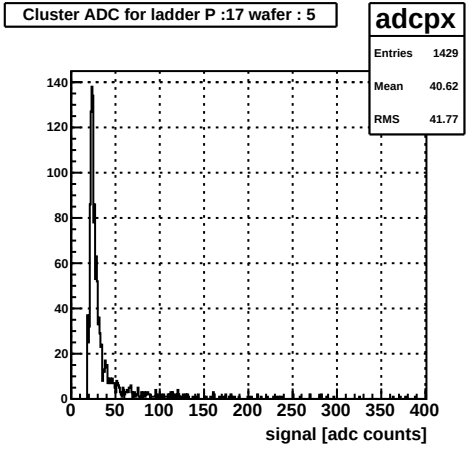

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 5089
Mean 27.28
RMS 25.26
signal [adc counts]

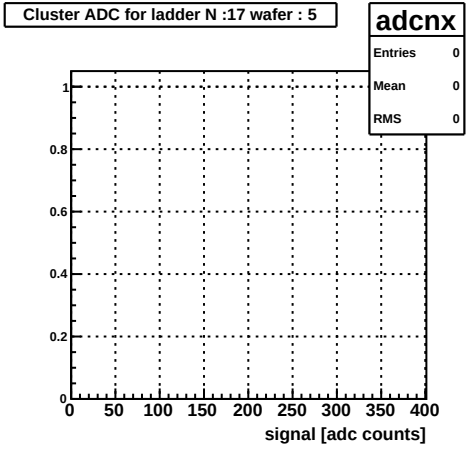

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

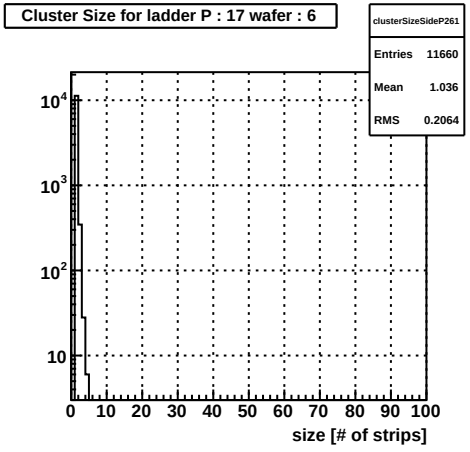

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 1429
Mean 1.09
RMS 0.3535
size [# of strips]

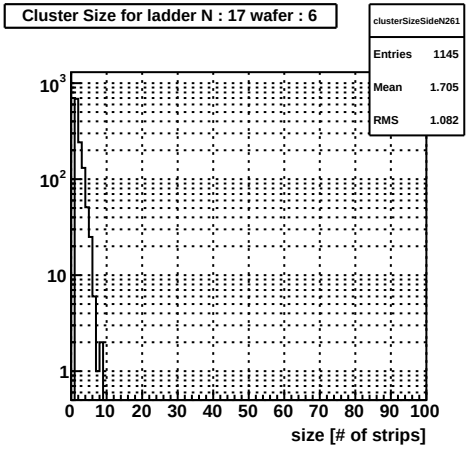

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

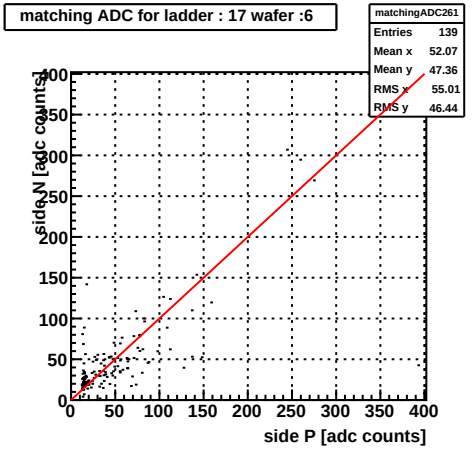

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

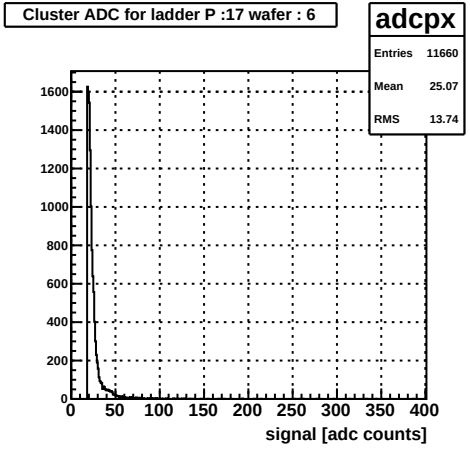

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 1429
Mean 40.62
RMS 41.77
signal [adc counts]

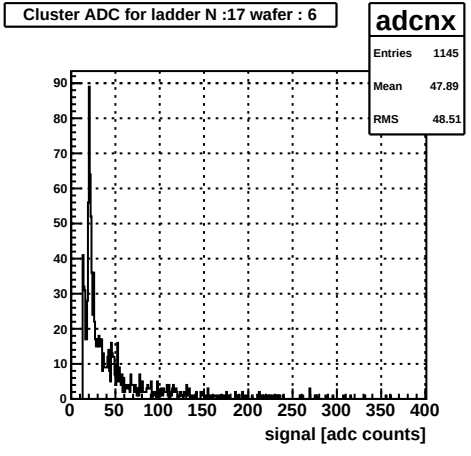

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

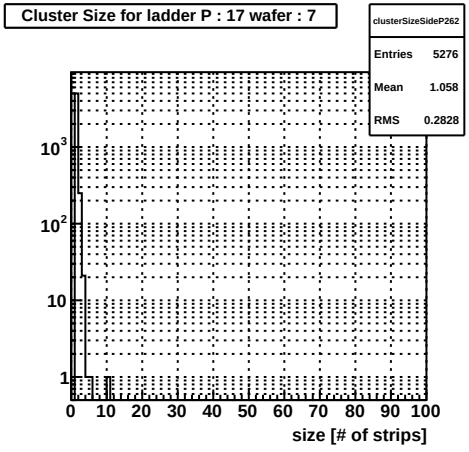

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 11660
Mean 1.036
RMS 0.2064
size [# of strips]

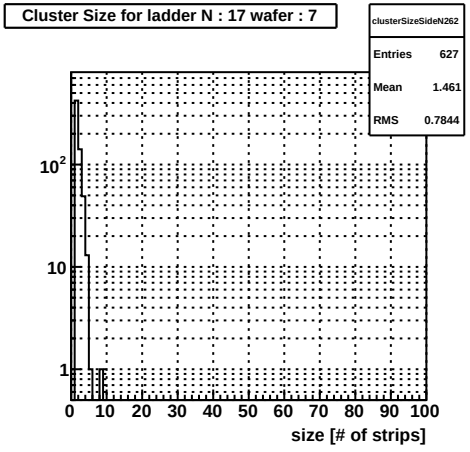

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 1145
Mean 1.705
RMS 1.082
size [# of strips]

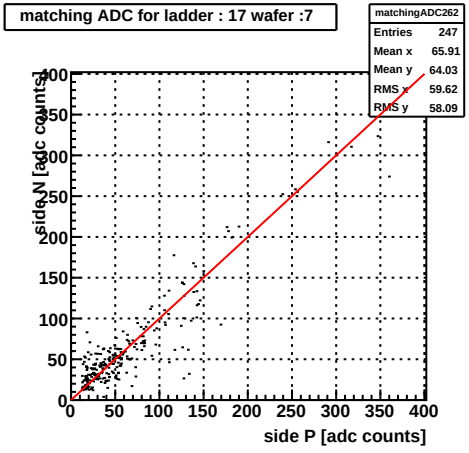

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 139
Mean x 52.07
Mean y 47.36
RMS x 55.01
RMS y 46.44
side N [adc counts]
side P [adc counts]

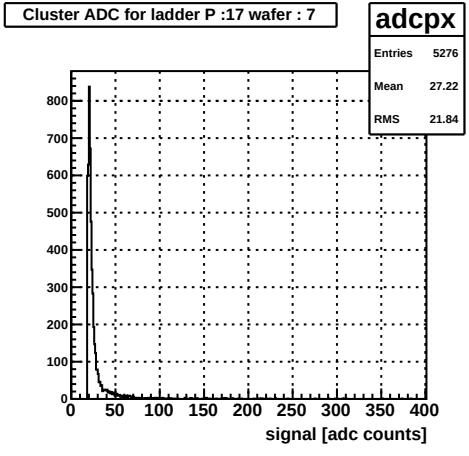

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 11660
Mean 25.07
RMS 13.74
signal [adc counts]

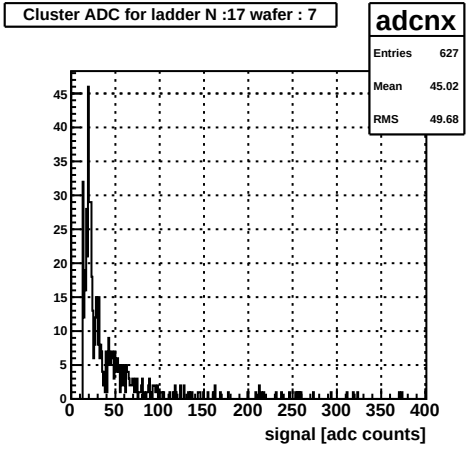

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 1145
Mean 47.89
RMS 48.51
signal [adc counts]

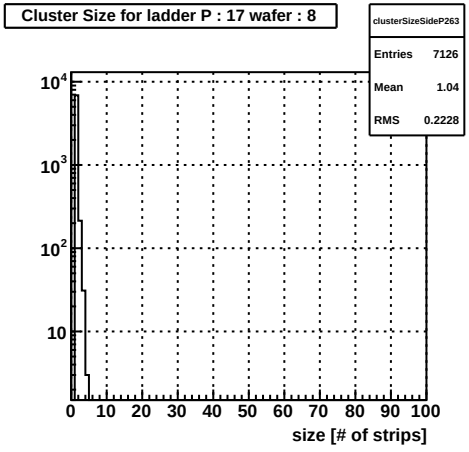

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 5276
Mean 1.058
RMS 0.2828
size [# of strips]

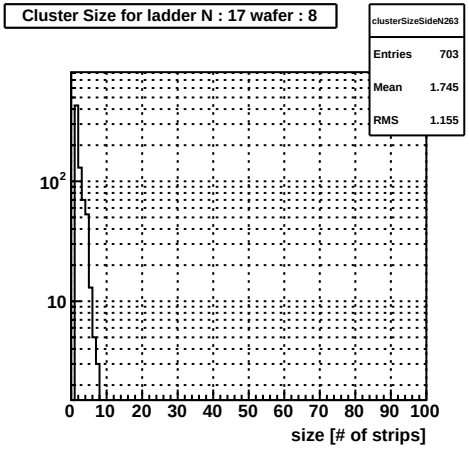

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 627
Mean 1.461
RMS 0.7844
size [# of strips]

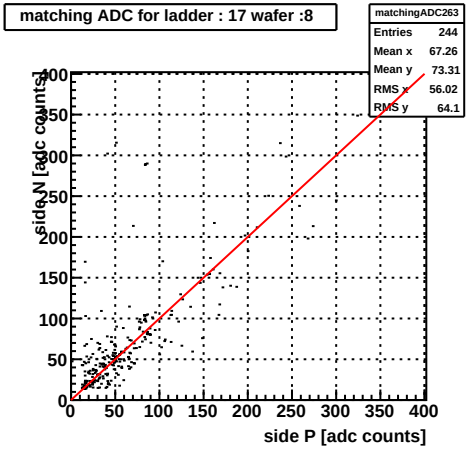

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 247
Mean x 65.91
Mean y 64.03
RMS x 59.62
RMS y 58.09
side N [adc counts]
side P [adc counts]

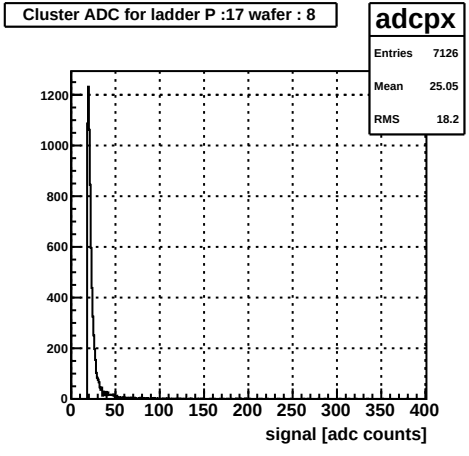

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 5276
Mean 27.22
RMS 21.84
signal [adc counts]

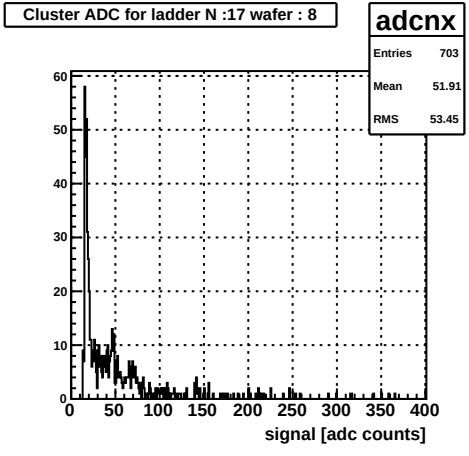

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 627
Mean 45.02
RMS 49.68
signal [adc counts]

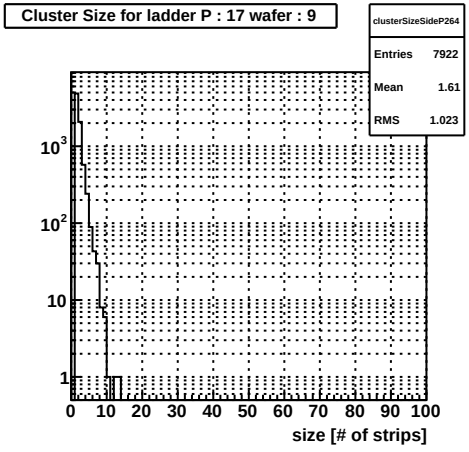

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 7126
Mean 1.04
RMS 0.2228
size [# of strips]

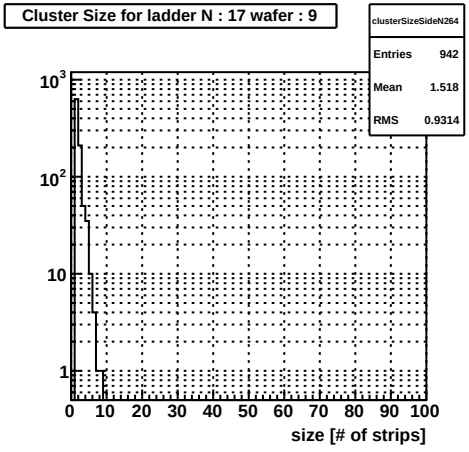

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 703
Mean 1.745
RMS 1.155
size [# of strips]

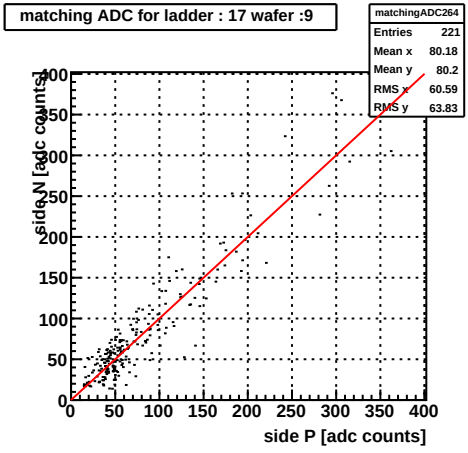

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 244
Mean x 67.26
Mean y 73.31
RMS x 56.02
RMS y 64.1
side N [adc counts]
side P [adc counts]

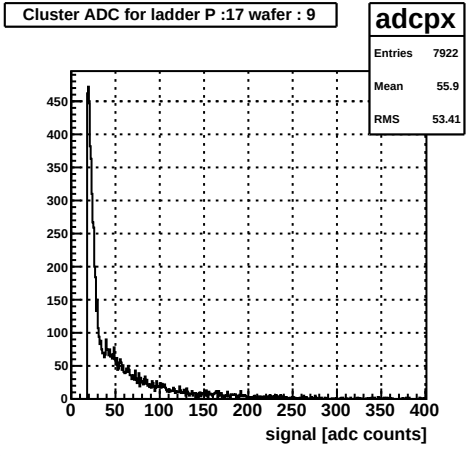

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 7126
Mean 25.05
RMS 18.2
signal [adc counts]

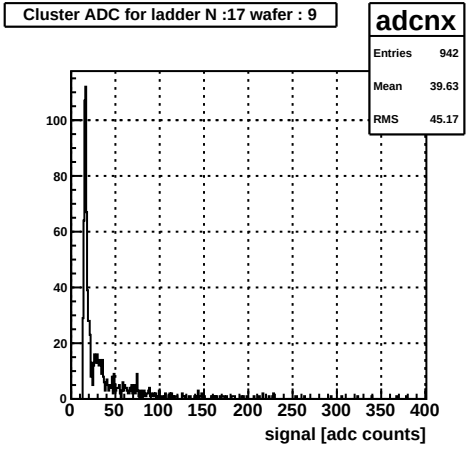

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 703
Mean 51.91
RMS 53.45
signal [adc counts]

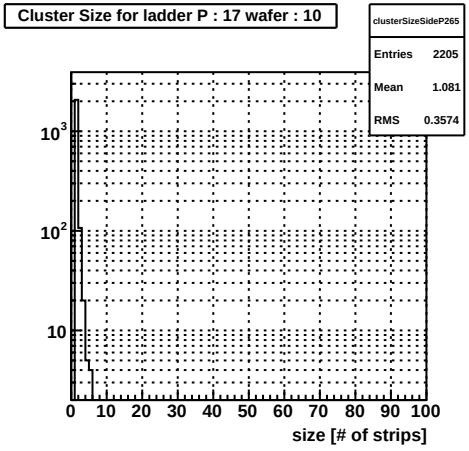

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 7922
Mean 1.61
RMS 1.023
size [# of strips]

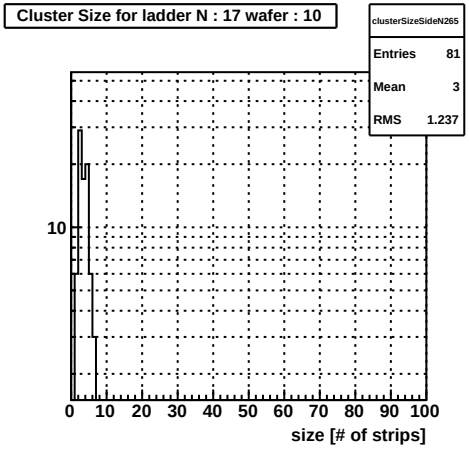

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 942
Mean 1.518
RMS 0.9314
size [# of strips]

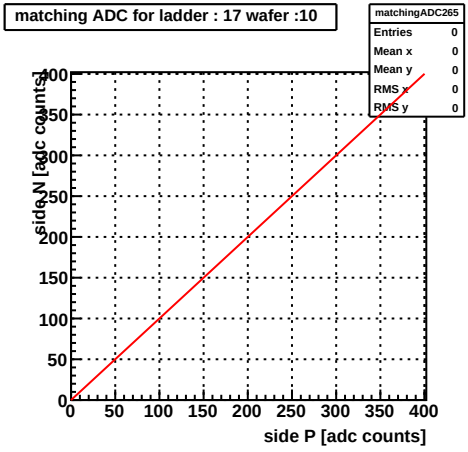

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 221
Mean x 80.18
Mean y 80.2
RMS x 60.59
RMS y 63.83
side N [adc counts]
side P [adc counts]

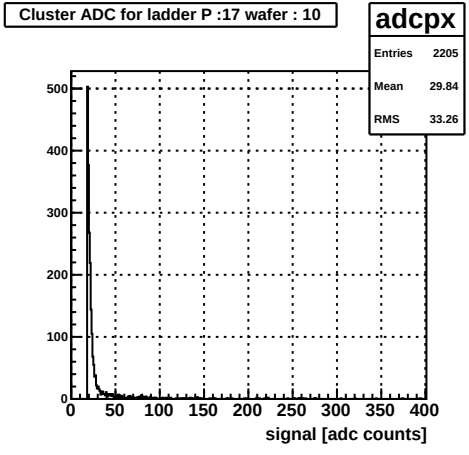

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 7922
Mean 55.9
RMS 53.41
signal [adc counts]

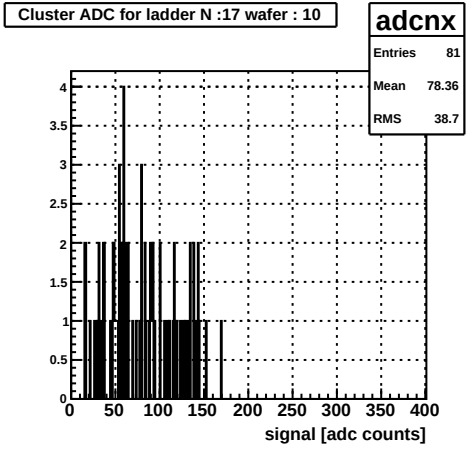

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 942
Mean 39.63
RMS 45.17
signal [adc counts]

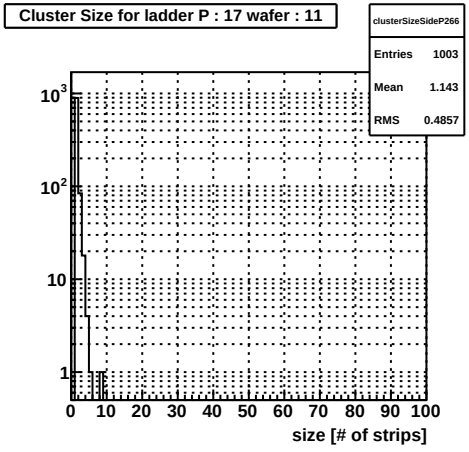

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 2205
Mean 1.081
RMS 0.3574
size [# of strips]

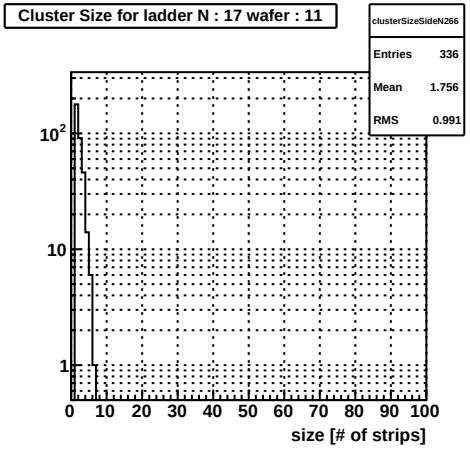

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 81
Mean 3
RMS 1.237
size [# of strips]

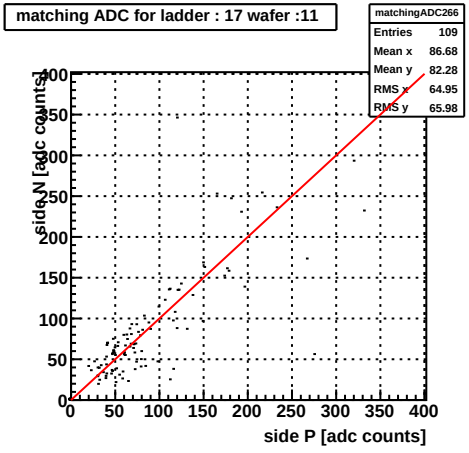

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

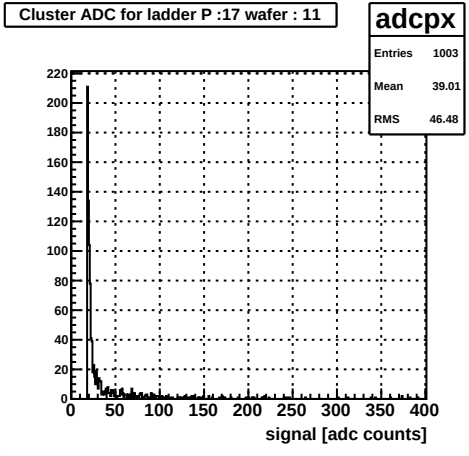

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 2205
Mean 29.84
RMS 33.26
signal [adc counts]

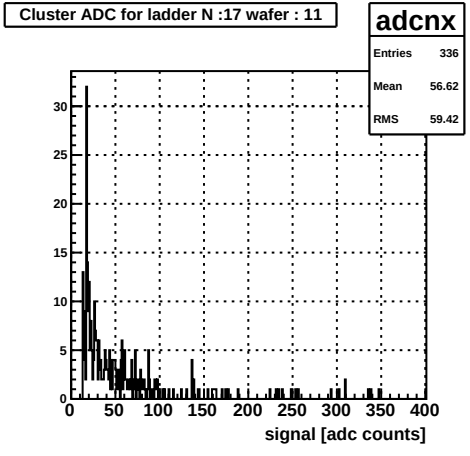

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 81
Mean 78.36
RMS 38.7
signal [adc counts]

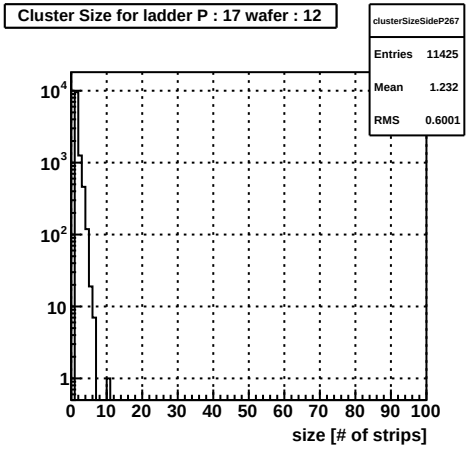

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 1003
Mean 1.143
RMS 0.4857
size [# of strips]

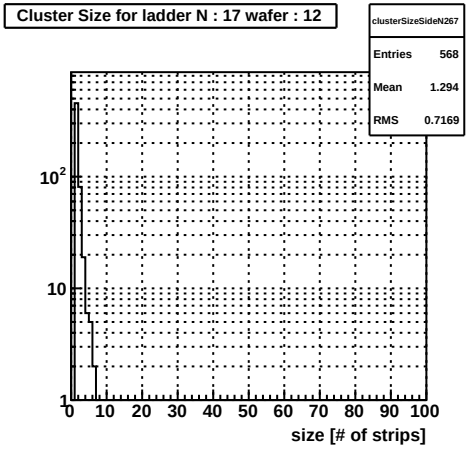

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 336
Mean 1.756
RMS 0.991
size [# of strips]

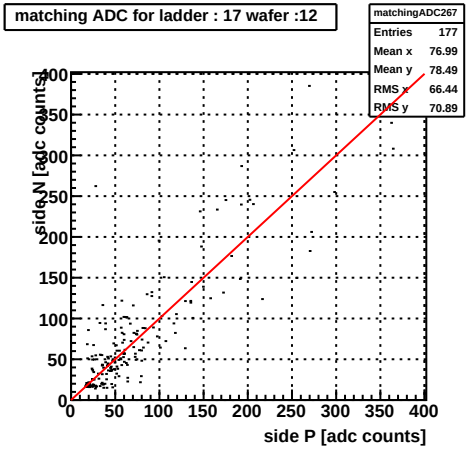

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 109
Mean x 86.68
Mean y 82.28
RMS x 64.95
RMS y 65.98
side N [adc counts]
side P [adc counts]

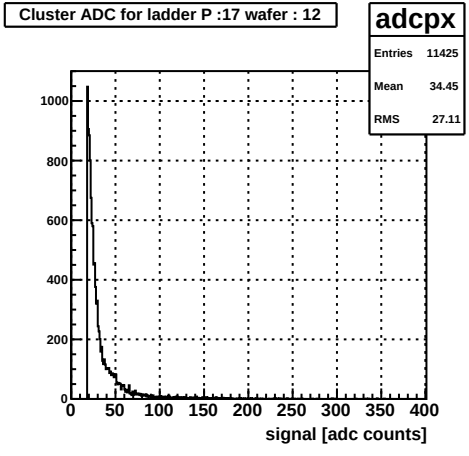

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 1003
Mean 39.01
RMS 46.48
signal [adc counts]

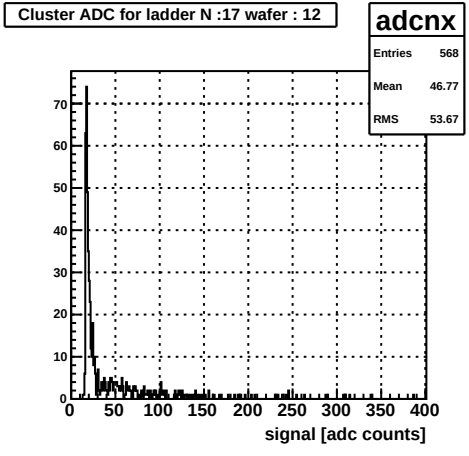

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 336
Mean 56.62
RMS 59.42
signal [adc counts]

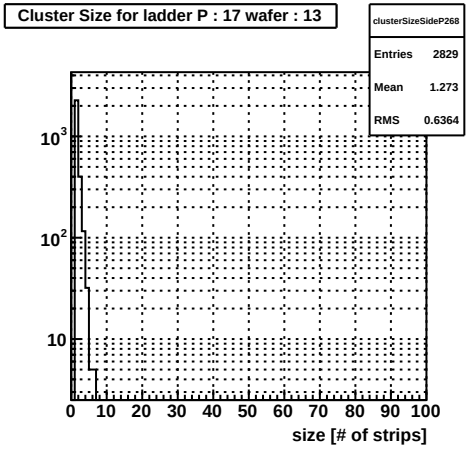

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 11425
Mean 1.232
RMS 0.6001
size [# of strips]

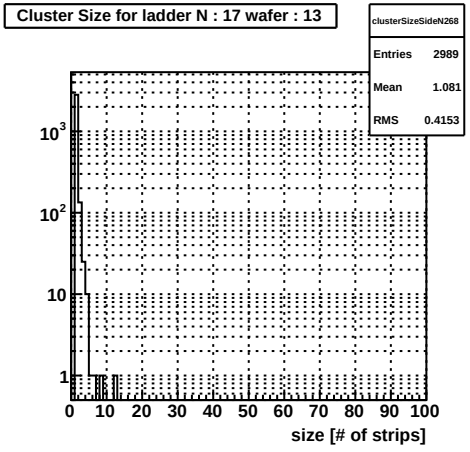

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 568
Mean 1.294
RMS 0.7169
size [# of strips]

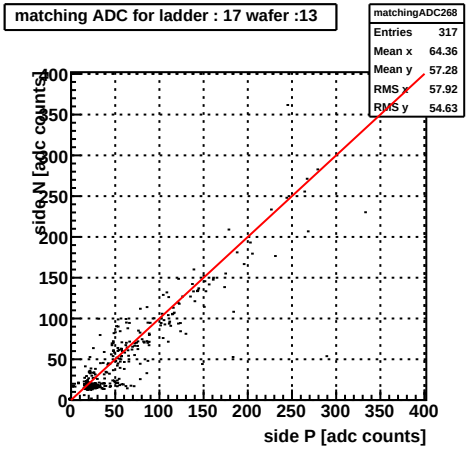

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 177
Mean x 76.99
Mean y 78.49
RMS x 66.44
RMS y 70.89
side N [adc counts]
side P [adc counts]

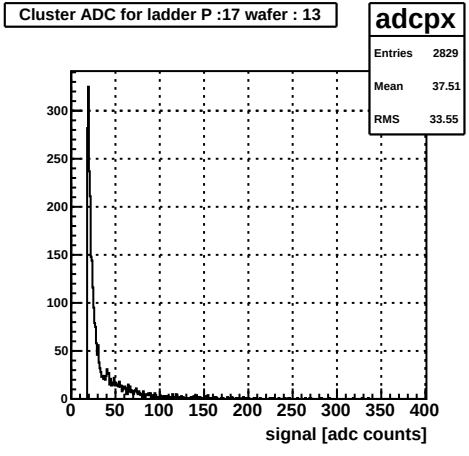

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 11425
Mean 34.45
RMS 27.11
signal [adc counts]

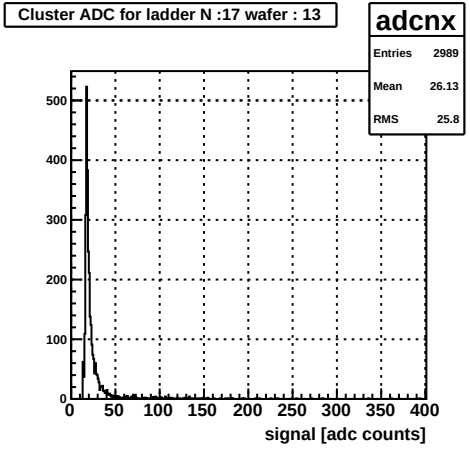

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 568
Mean 46.77
RMS 53.67
signal [adc counts]

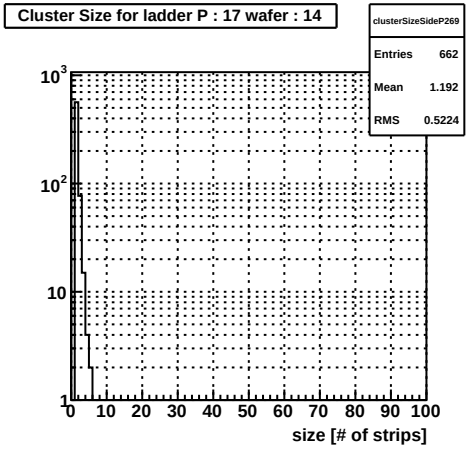

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 2829
Mean 1.273
RMS 0.6364
size [# of strips]

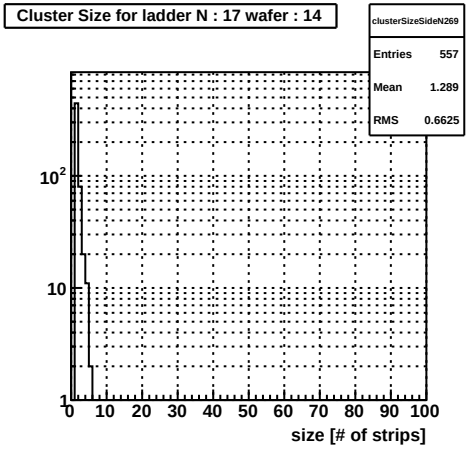

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 2989
Mean 1.081
RMS 0.4153
size [# of strips]

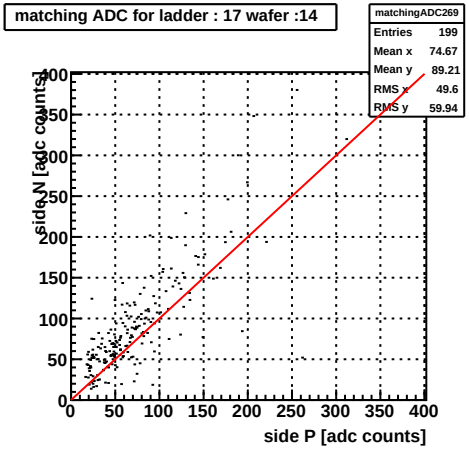

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 317
Mean x 64.36
Mean y 57.28
RMS x 57.92
RMS y 54.63
side N [adc counts]
side P [adc counts]

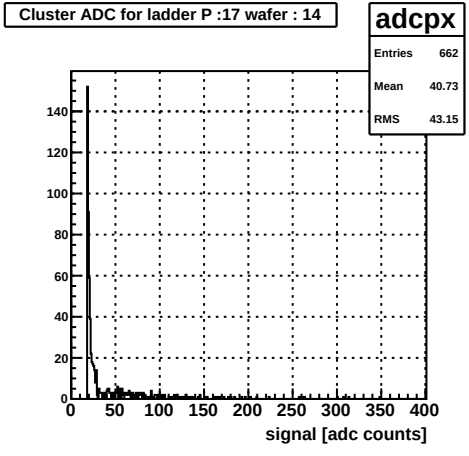

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 2829
Mean 37.51
RMS 33.55
signal [adc counts]

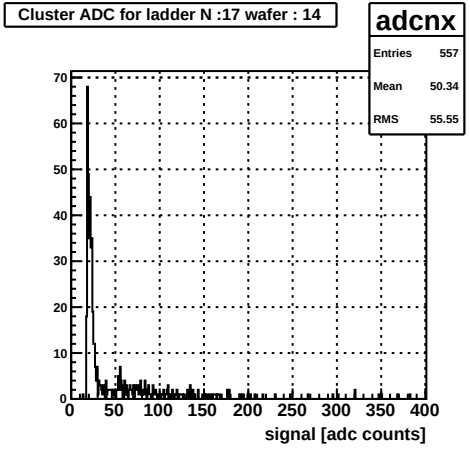

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 2989
Mean 26.13
RMS 25.8
signal [adc counts]

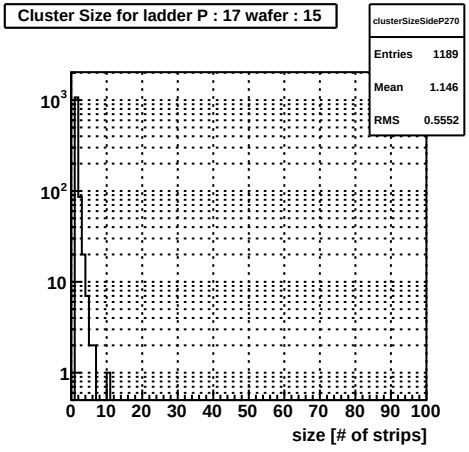

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 662
Mean 1.192
RMS 0.5224
size [# of strips]

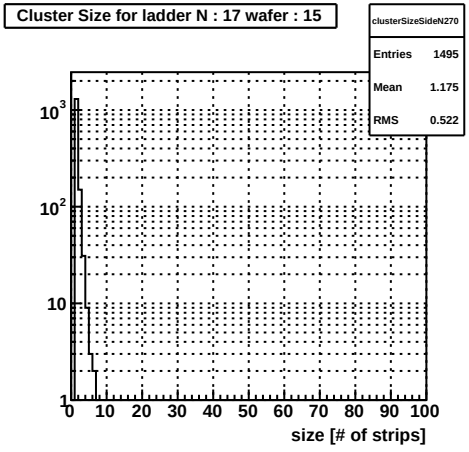

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 557
Mean 1.289
RMS 0.6625
size [# of strips]

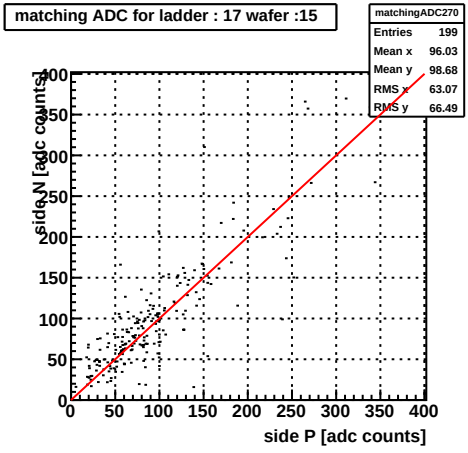

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 199
Mean x 74.67
Mean y 89.21
RMS x 49.6
RMS y 59.94
side N [adc counts]
side P [adc counts]

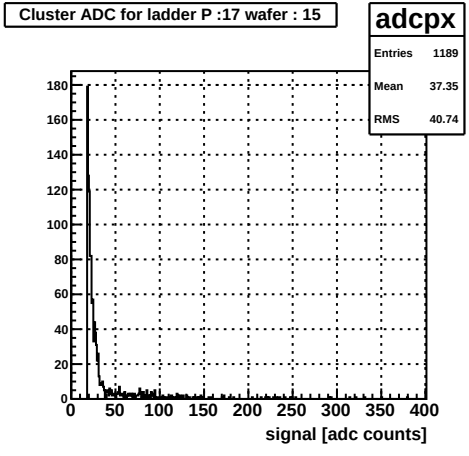

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 662
Mean 40.73
RMS 43.15
signal [adc counts]

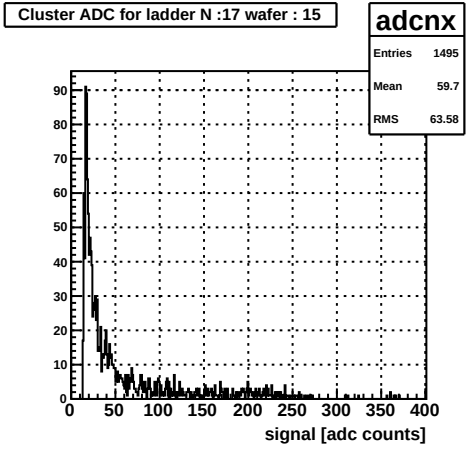

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 557
Mean 50.34
RMS 55.55
signal [adc counts]

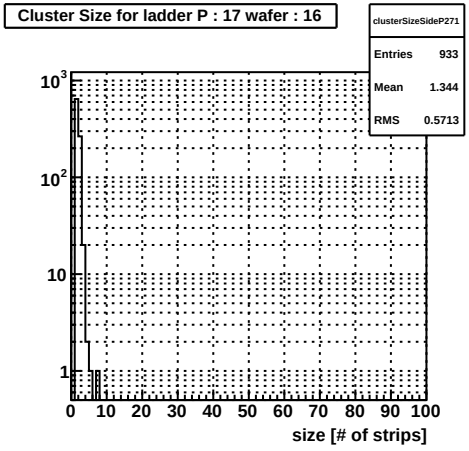

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 1189
Mean 1.146
RMS 0.5552
size [# of strips]

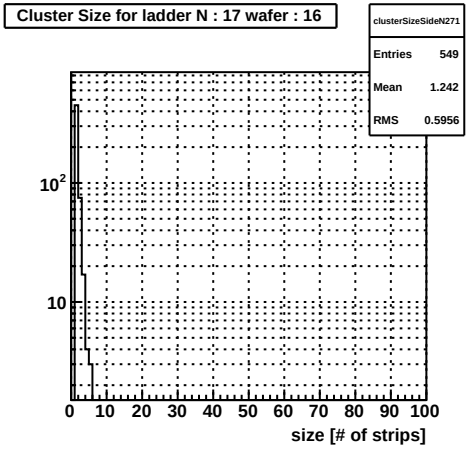

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 1495
Mean 1.175
RMS 0.522
size [# of strips]

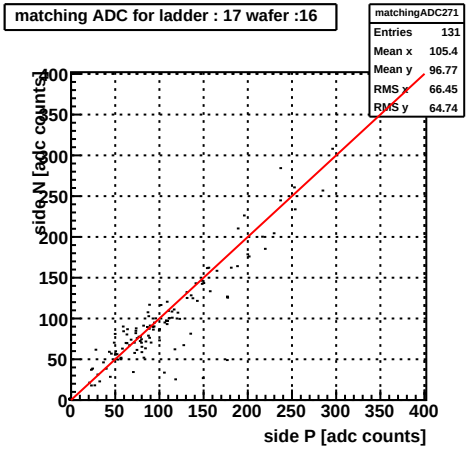

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 199
Mean x 96.03
Mean y 98.68
RMS x 63.07
RMS y 66.49
side N [adc counts]
side P [adc counts]

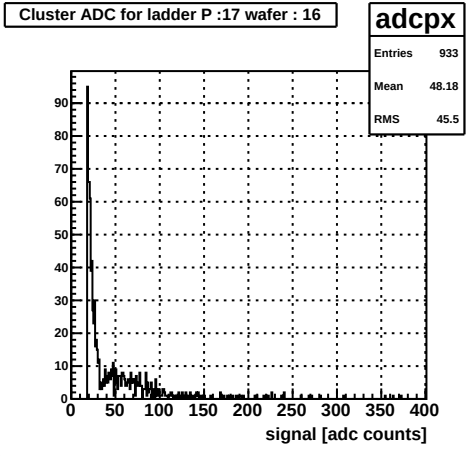

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 1189
Mean 37.35
RMS 40.74
signal [adc counts]

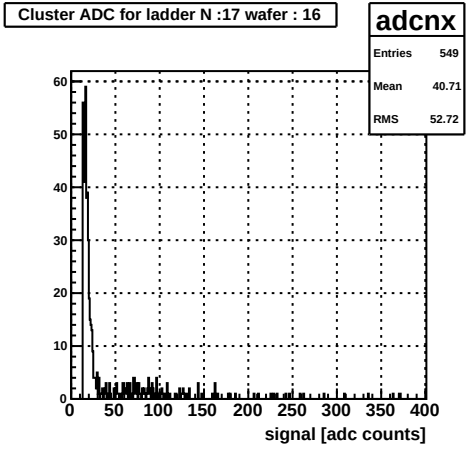

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 1495
Mean 59.7
RMS 63.58
signal [adc counts]

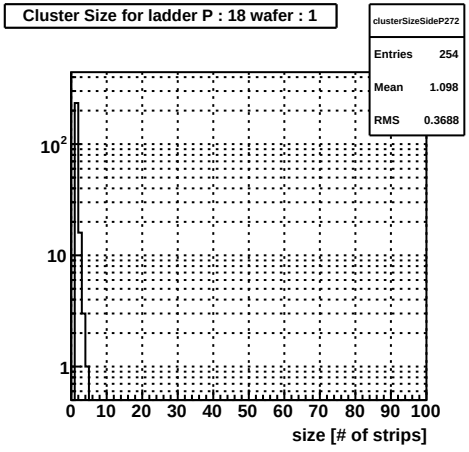

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 933
Mean 1.344
RMS 0.5713
size [# of strips]

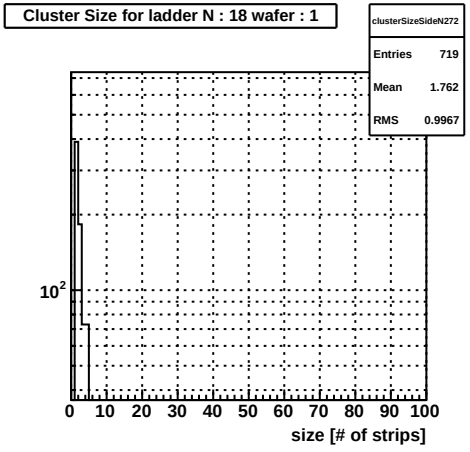

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 549
Mean 1.242
RMS 0.5956
size [# of strips]

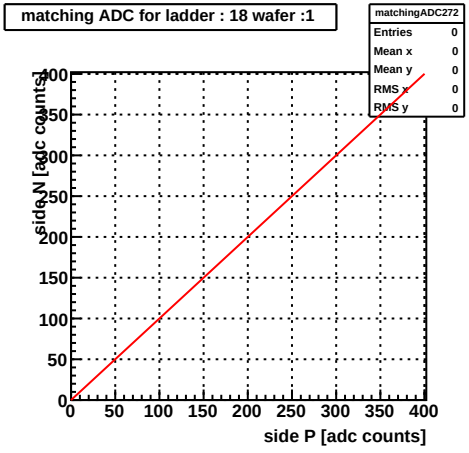

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 131
Mean x 105.4
Mean y 96.77
RMS x 66.45
RMS y 64.74
side N [adc counts]
side P [adc counts]

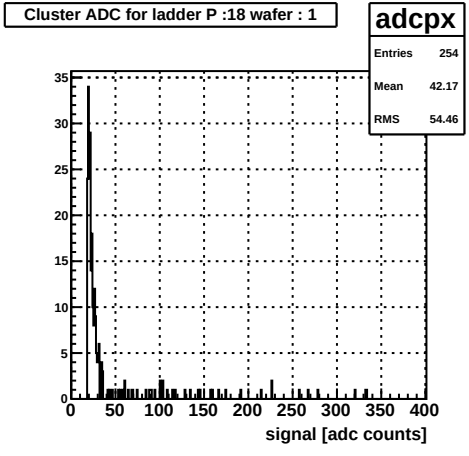

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 933
Mean 48.18
RMS 45.5
signal [adc counts]

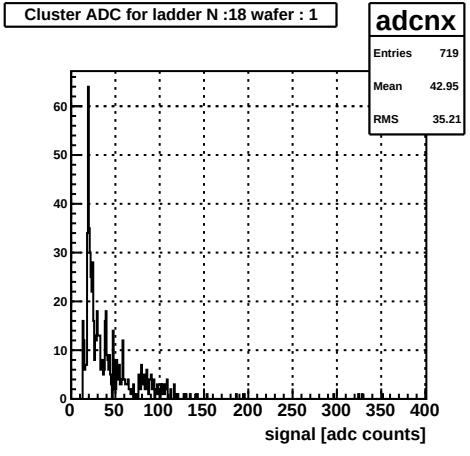

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 549
Mean 40.71
RMS 52.72
signal [adc counts]

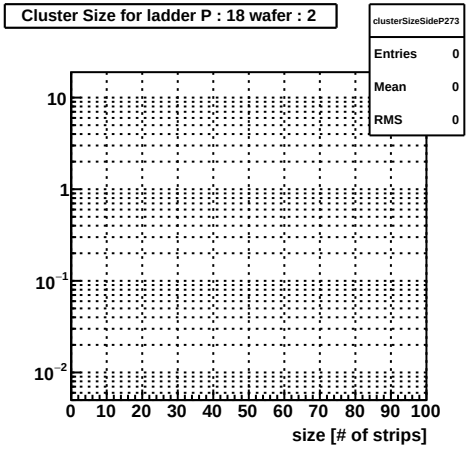

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 254
Mean 1.098
RMS 0.3688
size [# of strips]

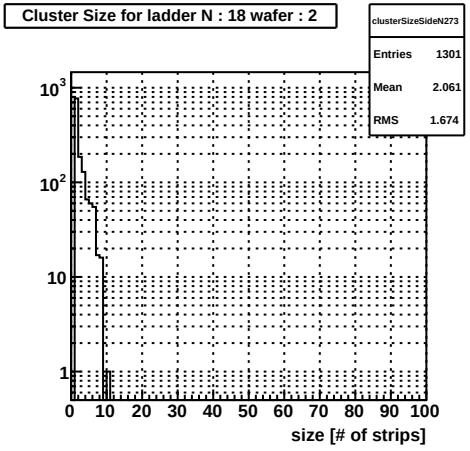

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 719
Mean 1.762
RMS 0.9967
size [# of strips]

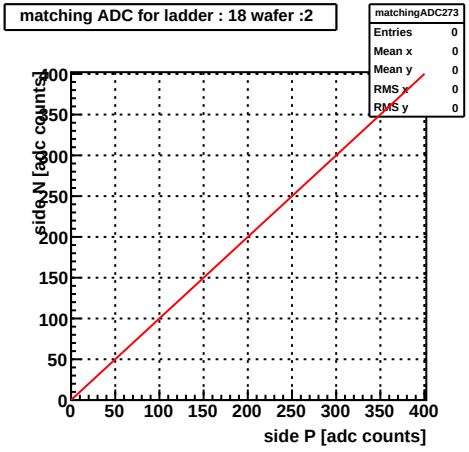

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

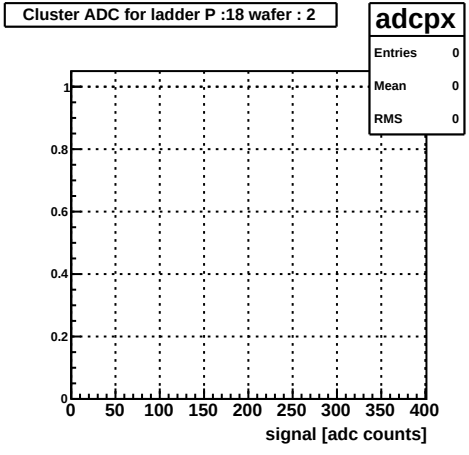

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 254
Mean 42.17
RMS 54.46
signal [adc counts]

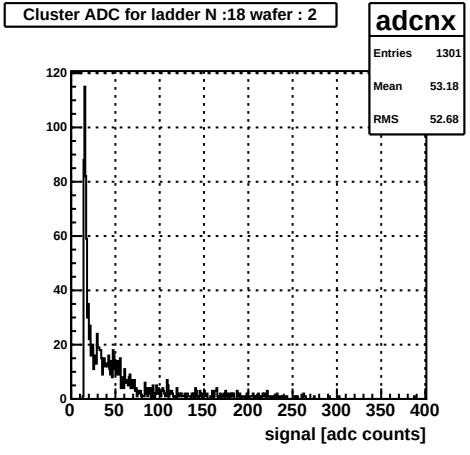

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 719
Mean 42.95
RMS 35.21
signal [adc counts]

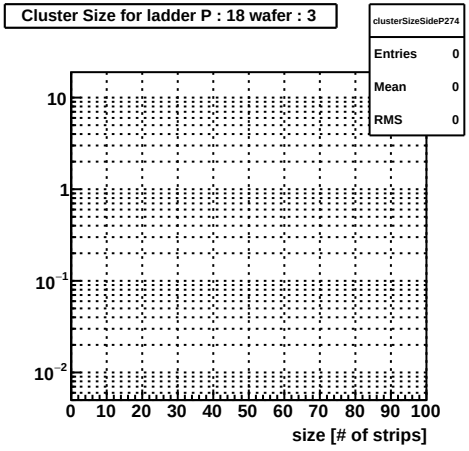

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

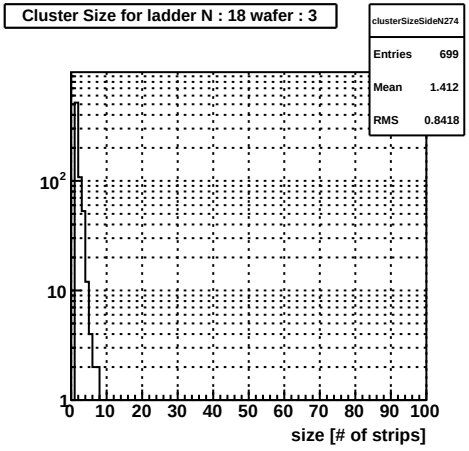

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1301
Mean 2.061
RMS 1.674
size [# of strips]

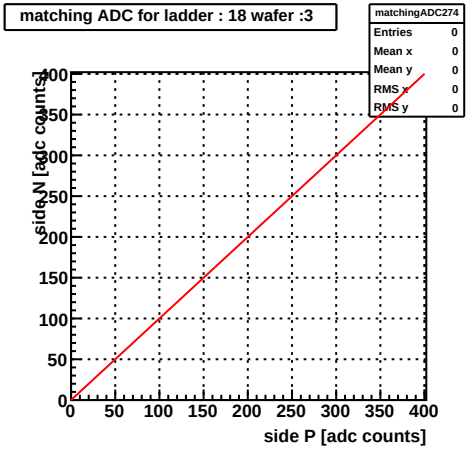

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

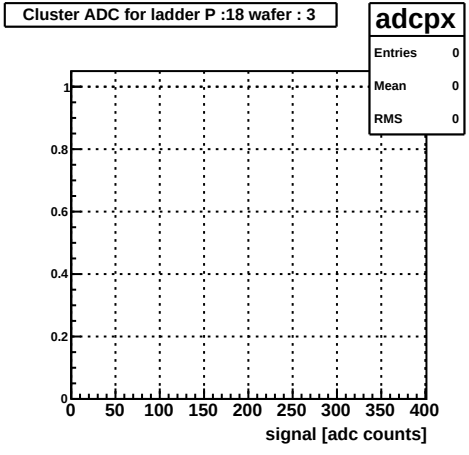

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

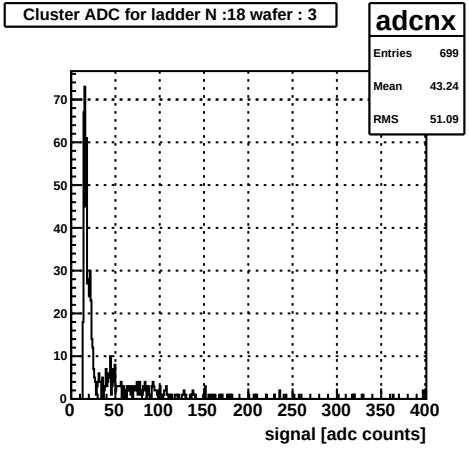

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1301
Mean 53.18
RMS 52.68
signal [adc counts]

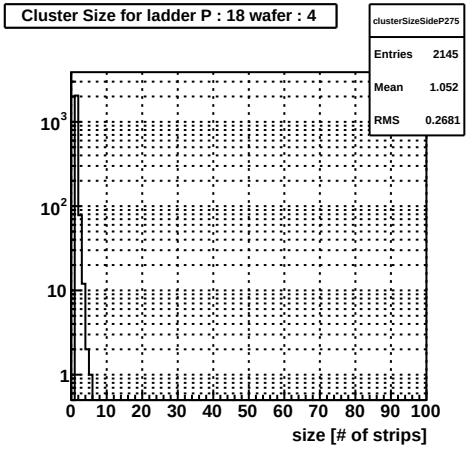

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

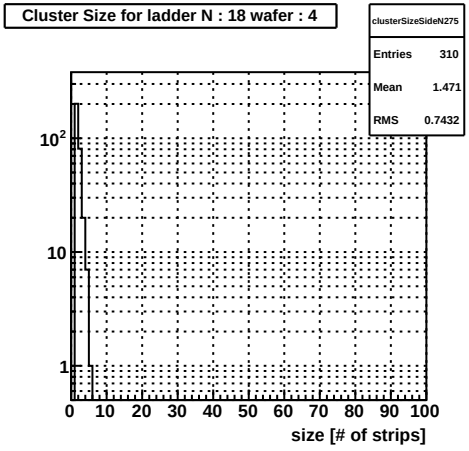

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 699
Mean 1.412
RMS 0.8418
size [# of strips]

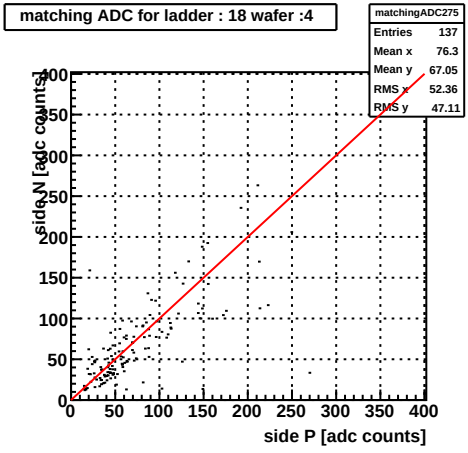

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

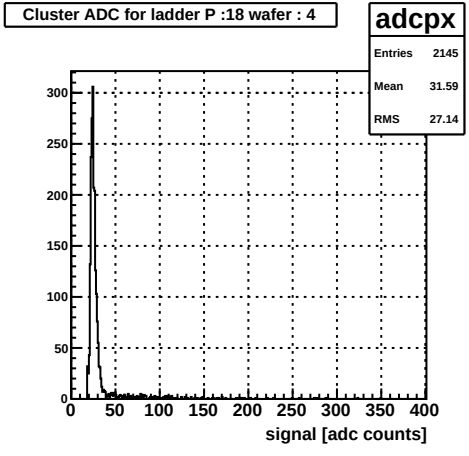

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

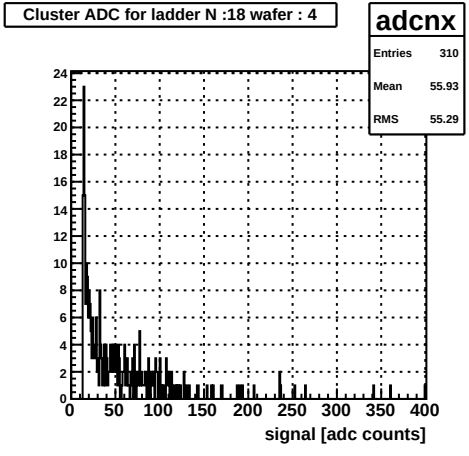

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 699
Mean 43.24
RMS 51.09
signal [adc counts]

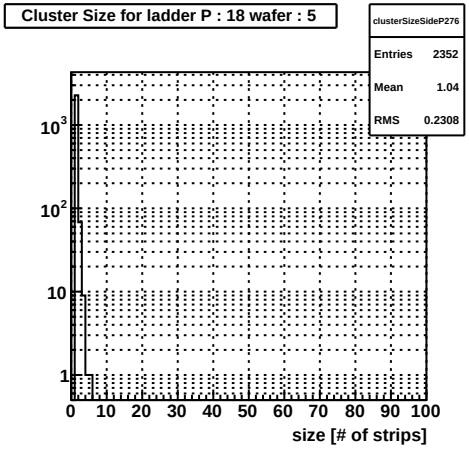

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 2145
Mean 1.052
RMS 0.2681
size [# of strips]

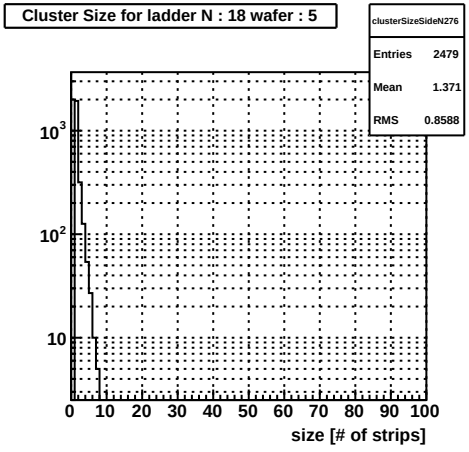

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 310
Mean 1.471
RMS 0.7432
size [# of strips]

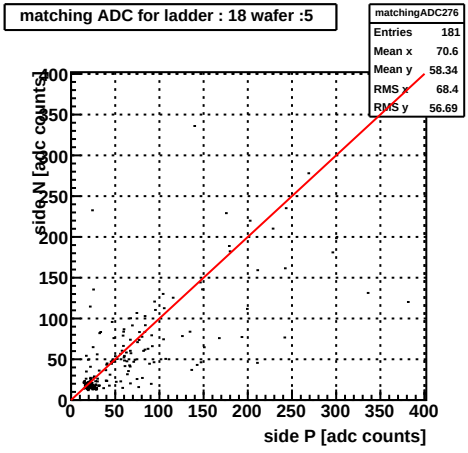

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 137
Mean x 76.3
Mean y 67.05
RMS x 52.36
RMS y 47.11
side N [adc counts]
side P [adc counts]

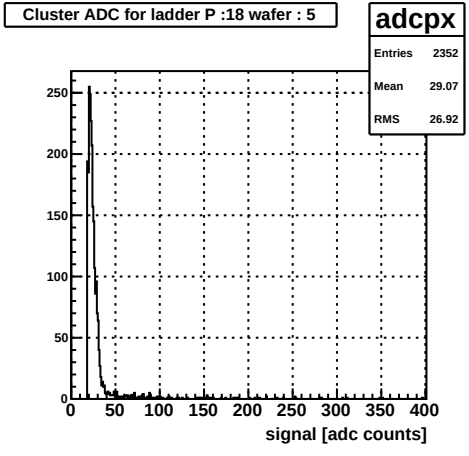

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 2145
Mean 31.59
RMS 27.14
signal [adc counts]

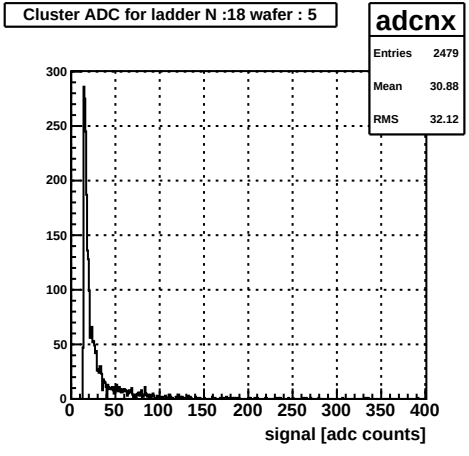

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 310
Mean 55.93
RMS 55.29
signal [adc counts]

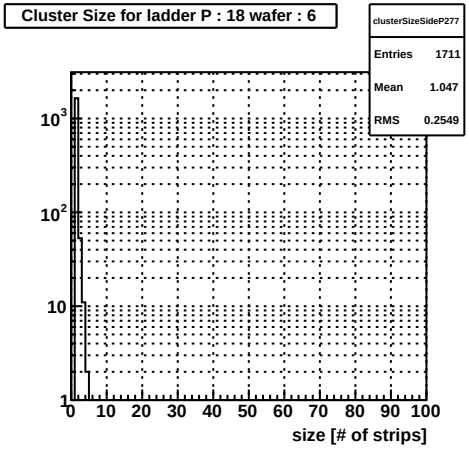

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 2352
Mean 1.04
RMS 0.2308
size [# of strips]

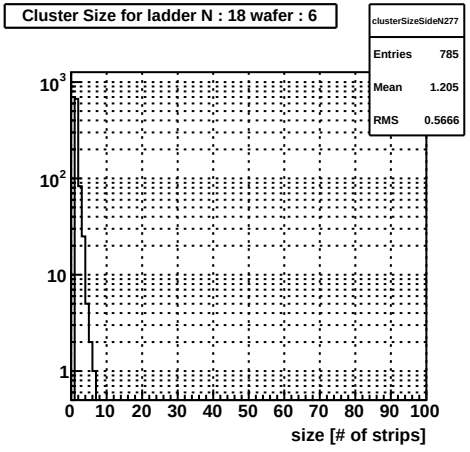

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 2479
Mean 1.371
RMS 0.8588
size [# of strips]

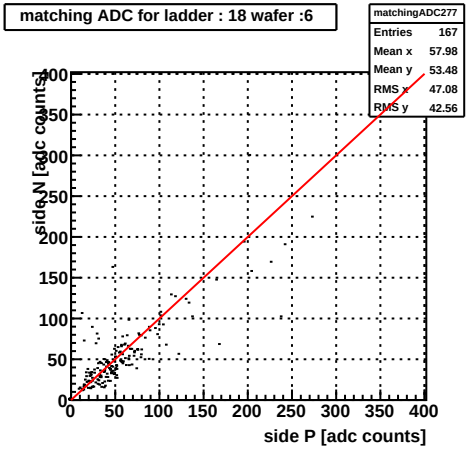

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 181
Mean x 70.6
Mean y 58.34
RMS x 68.4
RMS y 56.69
side N [adc counts]
side P [adc counts]

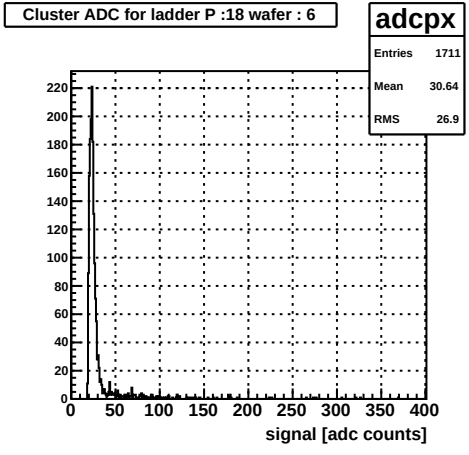

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 2352
Mean 29.07
RMS 26.92
signal [adc counts]

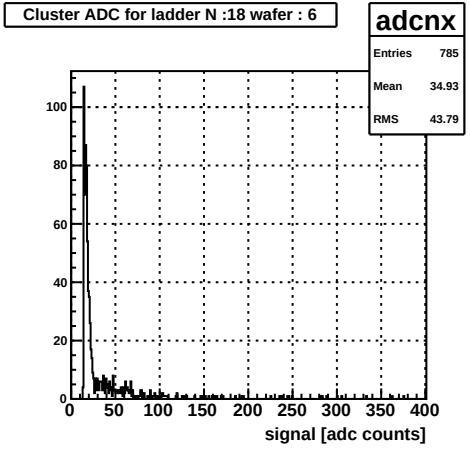

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 2479
Mean 30.88
RMS 32.12
signal [adc counts]

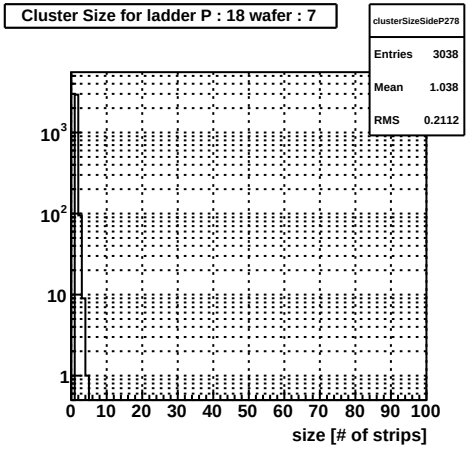

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 1711
Mean 1.047
RMS 0.2549
size [# of strips]

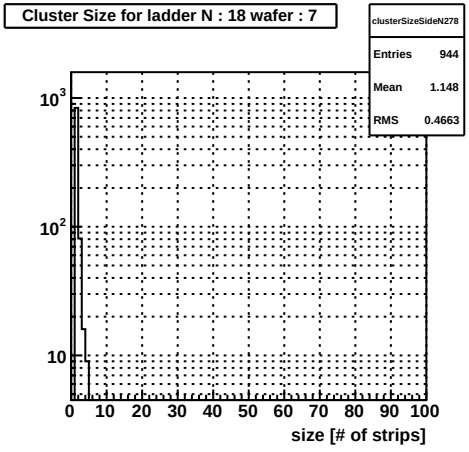

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 785
Mean 1.205
RMS 0.5666
size [# of strips]

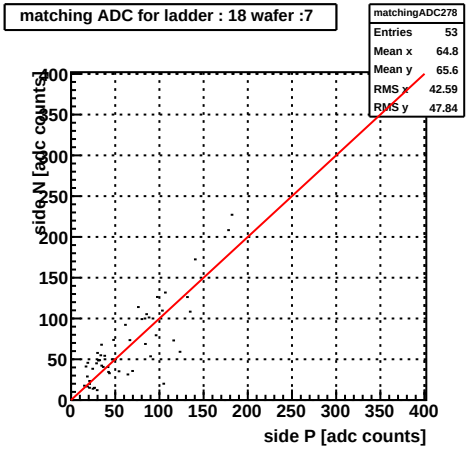

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 167
Mean x 57.98
Mean y 53.48
RMS x 47.08
RMS y 42.56
side N [adc counts]
side P [adc counts]

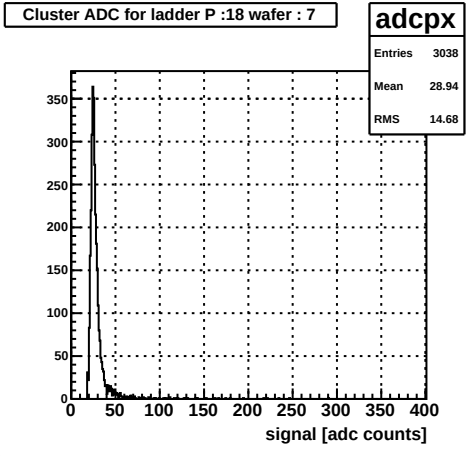

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 1711
Mean 30.64
RMS 26.9
signal [adc counts]

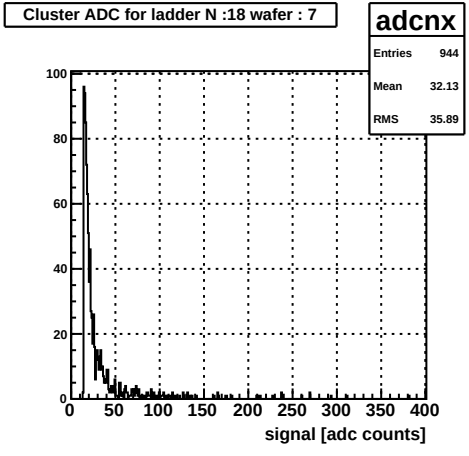

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 785
Mean 34.93
RMS 43.79
signal [adc counts]

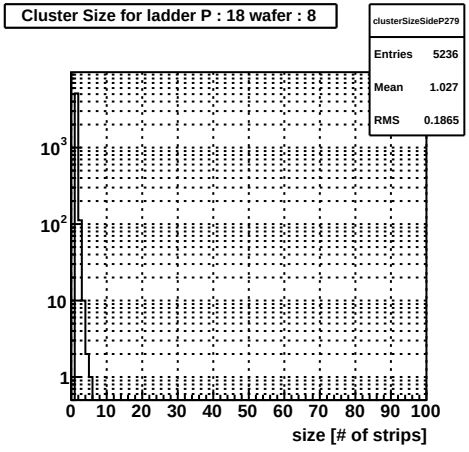

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3038
Mean 1.038
RMS 0.2112
size [# of strips]

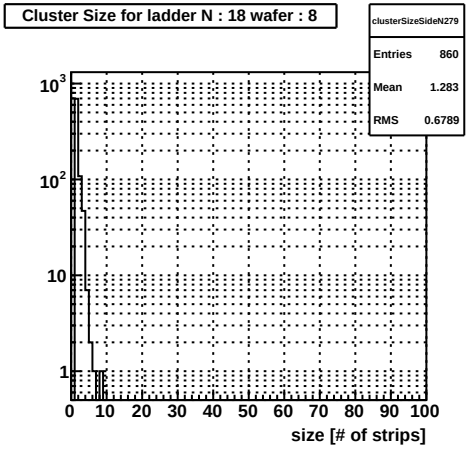

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 944
Mean 1.148
RMS 0.4663
size [# of strips]

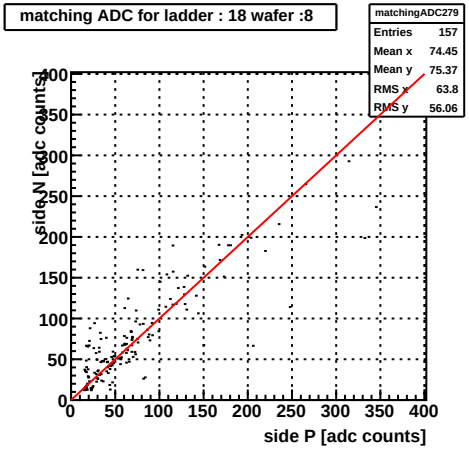

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 53
Mean x 64.8
Mean y 65.6
RMS x 42.59
RMS y 47.84
side N [adc counts]
side P [adc counts]

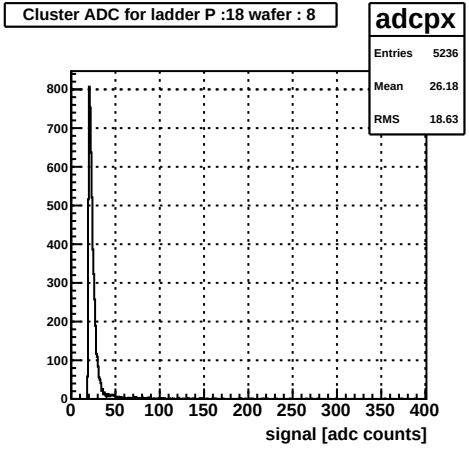

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3038
Mean 28.94
RMS 14.68
signal [adc counts]

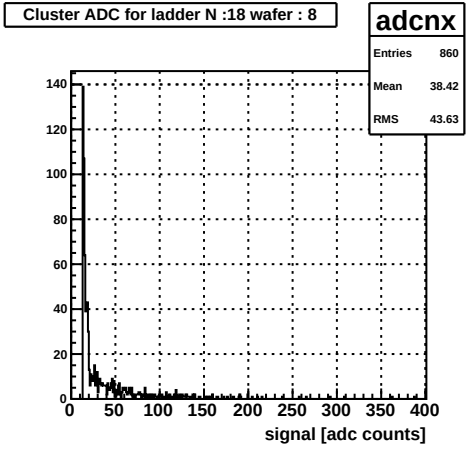

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 944
Mean 32.13
RMS 35.89
signal [adc counts]

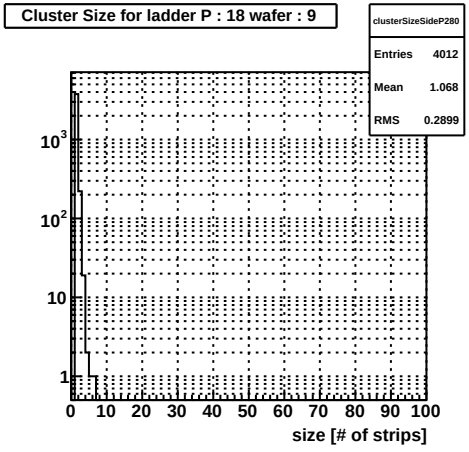

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 5236
Mean 1.027
RMS 0.1865
size [# of strips]

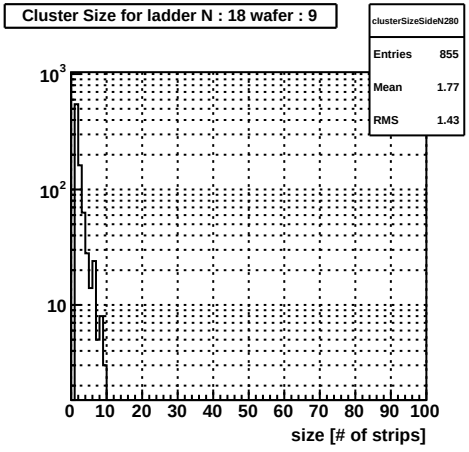

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 860
Mean 1.283
RMS 0.6789
size [# of strips]

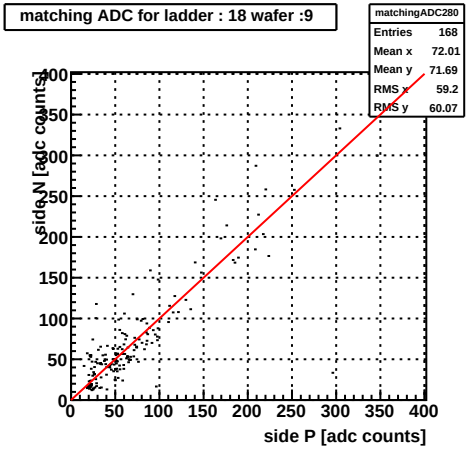

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 157
Mean x 74.45
Mean y 75.37
RMS x 63.8
RMS y 56.06
side N [adc counts]
side P [adc counts]

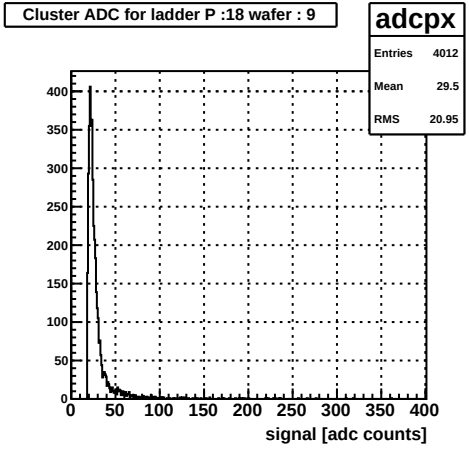

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 5236
Mean 26.18
RMS 18.63
signal [adc counts]

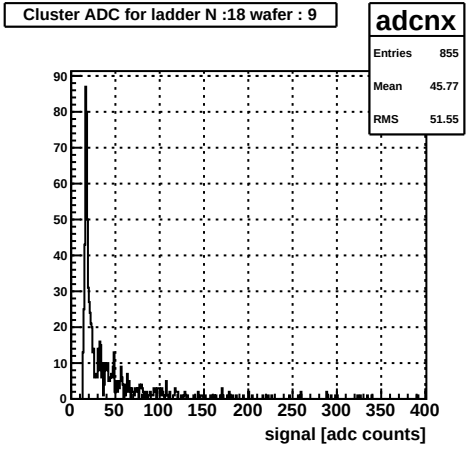

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 860
Mean 38.42
RMS 43.63
signal [adc counts]

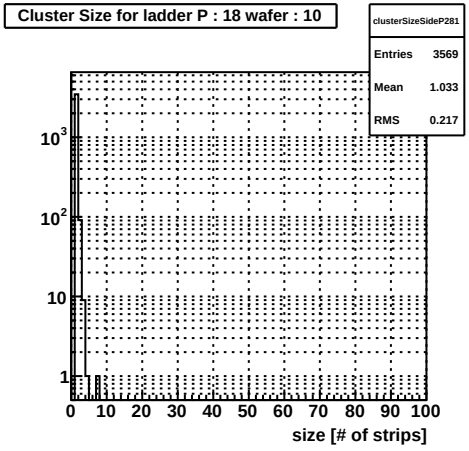

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 4012
Mean 1.068
RMS 0.2899
size [# of strips]

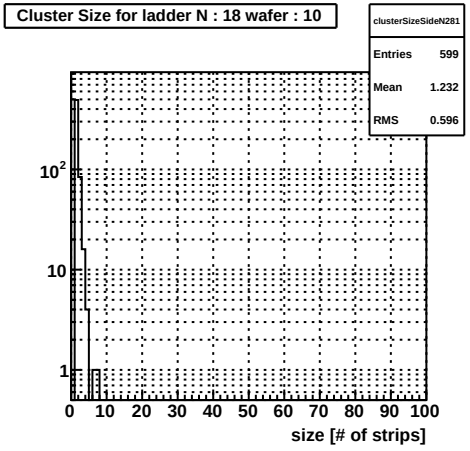

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 855
Mean 1.77
RMS 1.43
size [# of strips]

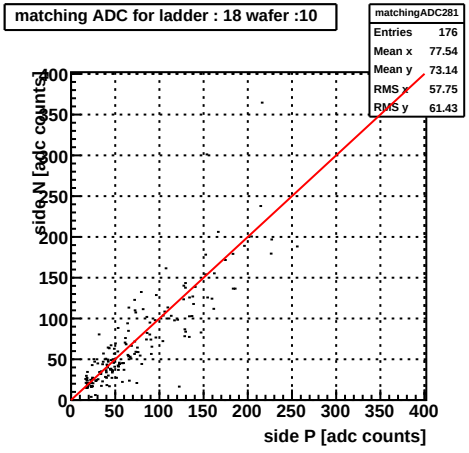

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 168
Mean x 72.01
Mean y 71.69
RMS x 59.2
RMS y 60.07
side N [adc counts]
side P [adc counts]

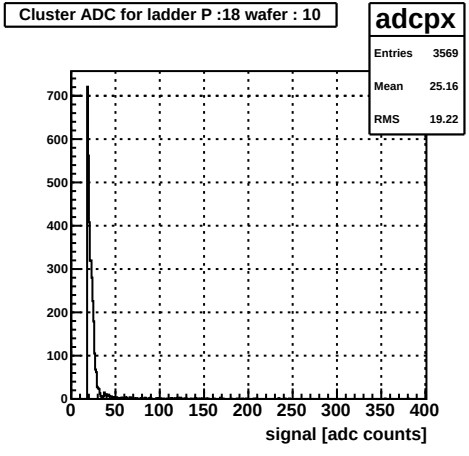

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 4012
Mean 29.5
RMS 20.95
signal [adc counts]

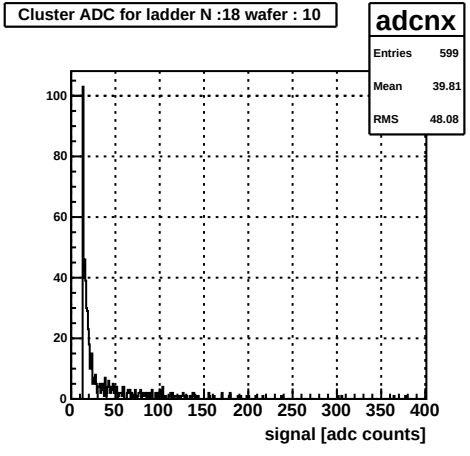

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 855
Mean 45.77
RMS 51.55
signal [adc counts]

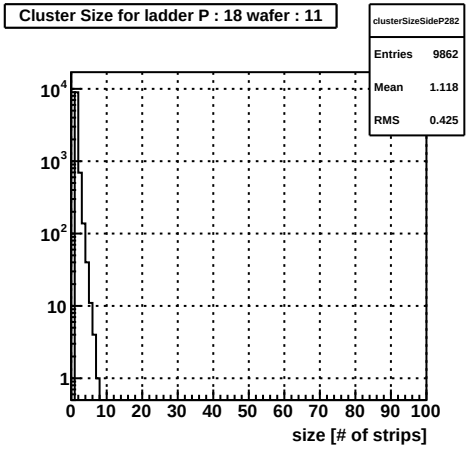

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 3569
Mean 1.033
RMS 0.217
size [# of strips]

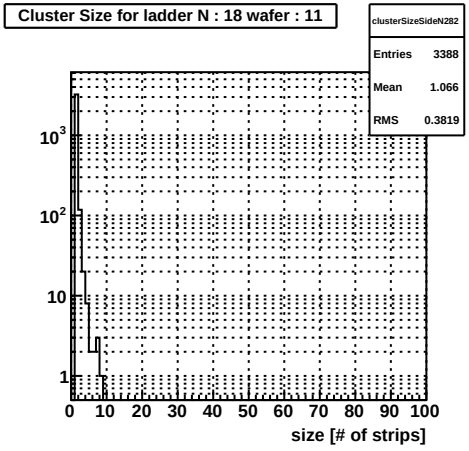

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 599
Mean 1.232
RMS 0.596
size [# of strips]

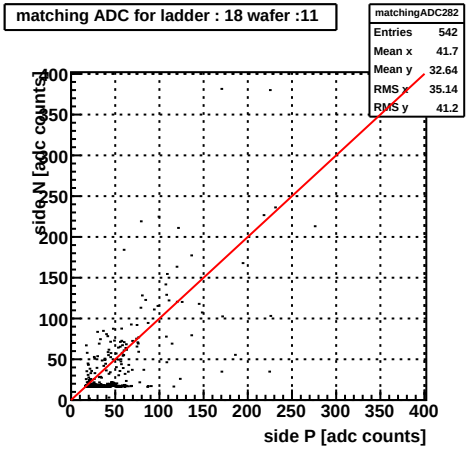

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 176
Mean x 77.54
Mean y 73.14
RMS x 57.75
RMS y 61.43
side N [adc counts]
side P [adc counts]

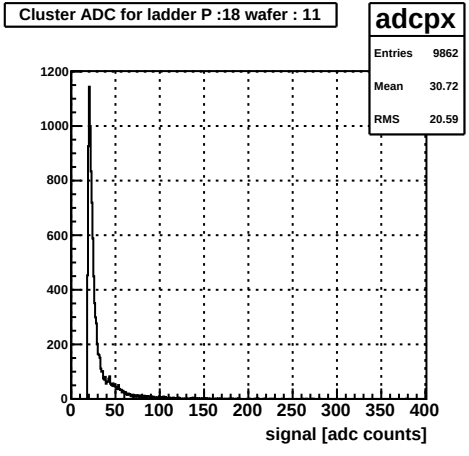

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 3569
Mean 25.16
RMS 19.22
signal [adc counts]

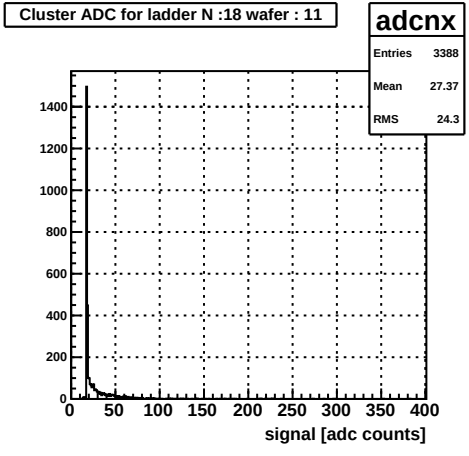

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 599
Mean 39.81
RMS 48.08
signal [adc counts]

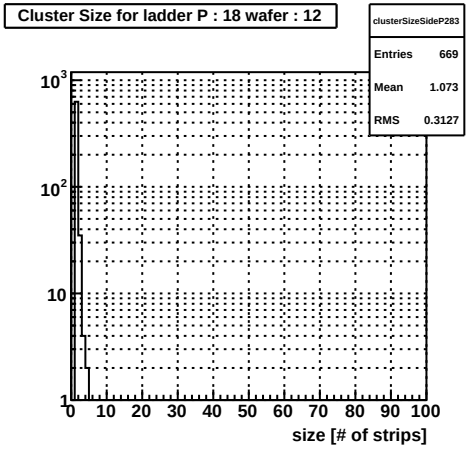

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 9862
Mean 1.118
RMS 0.425
size [# of strips]

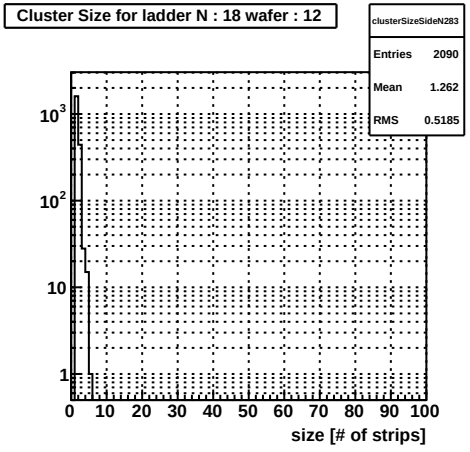

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 3388
Mean 1.066
RMS 0.3819
size [# of strips]

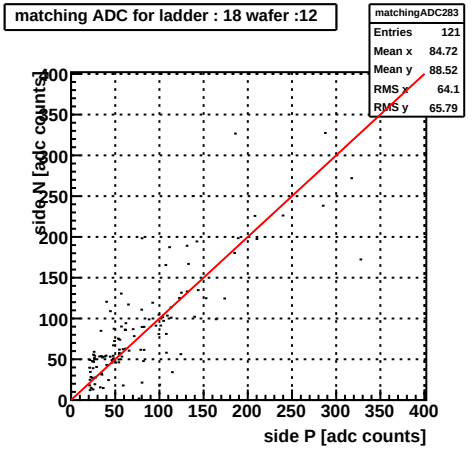

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 542
Mean x 41.7
Mean y 32.64
RMS x 35.14
RMS y 41.2
side N [adc counts]
side P [adc counts]

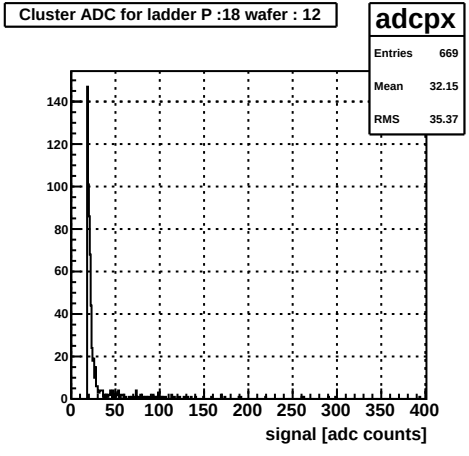

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 9862
Mean 30.72
RMS 20.59
signal [adc counts]

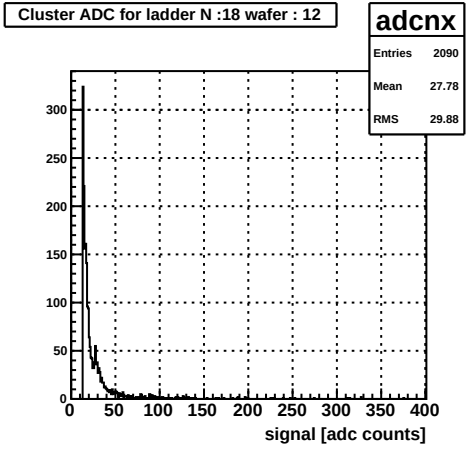

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 3388
Mean 27.37
RMS 24.3
signal [adc counts]

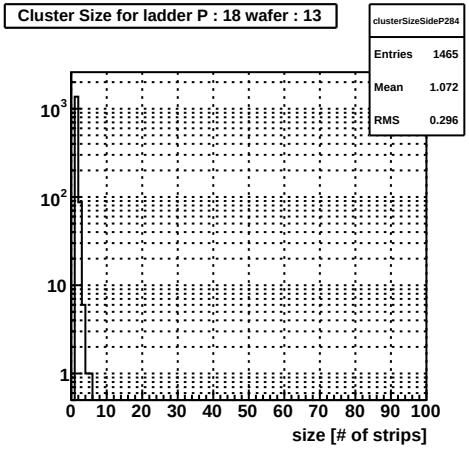

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 669
Mean 1.073
RMS 0.3127
size [# of strips]

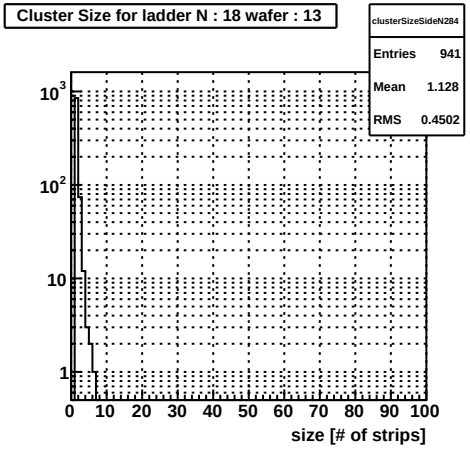

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 2090
Mean 1.262
RMS 0.5185
size [# of strips]

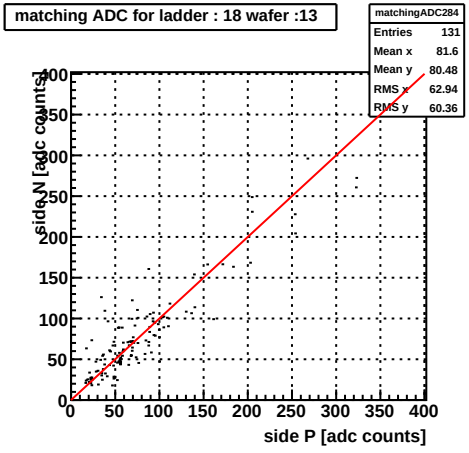

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 121
Mean x 84.72
Mean y 88.52
RMS x 64.1
RMS y 65.79
side N [adc counts]
side P [adc counts]

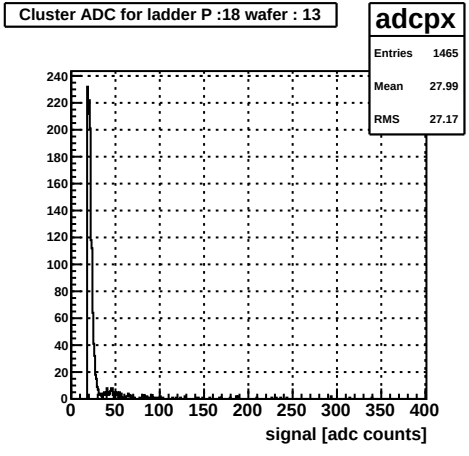

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 669
Mean 32.15
RMS 35.37
signal [adc counts]

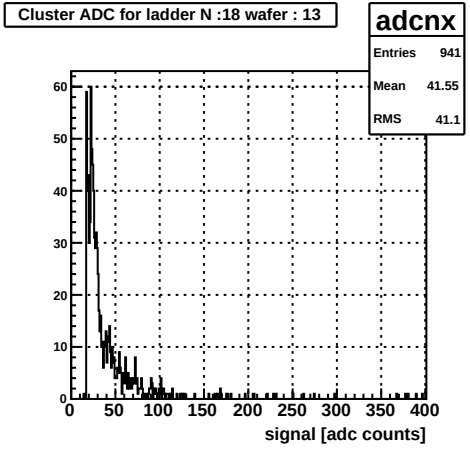

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 2090
Mean 27.78
RMS 29.88
signal [adc counts]

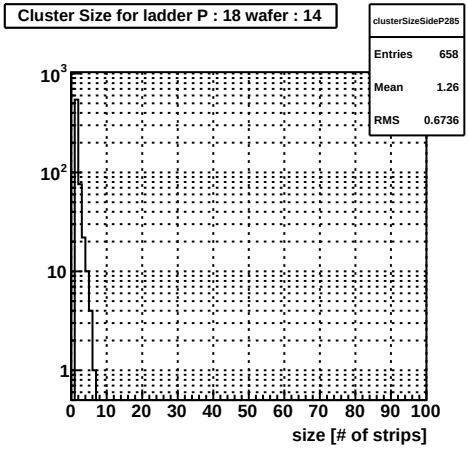

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 1465
Mean 1.072
RMS 0.296
size [# of strips]

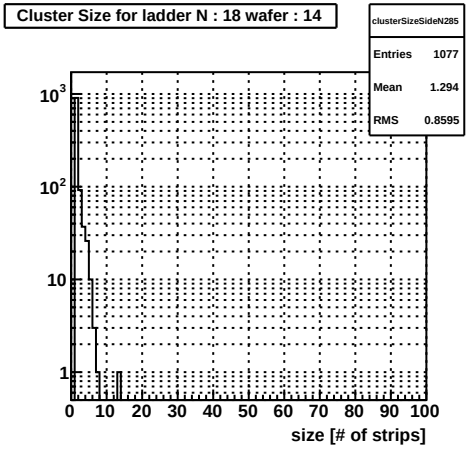

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 941
Mean 1.128
RMS 0.4502
size [# of strips]

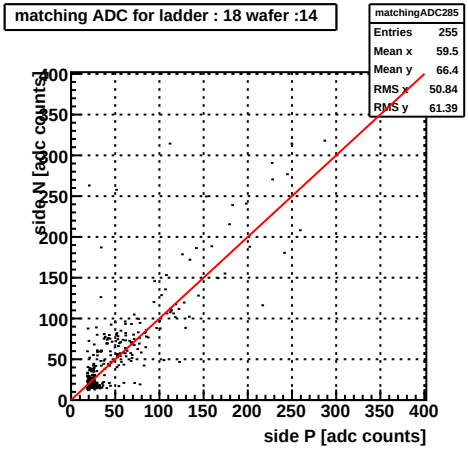

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 131
Mean x 81.6
Mean y 80.48
RMS x 62.94
RMS y 60.36
side N [adc counts]
side P [adc counts]

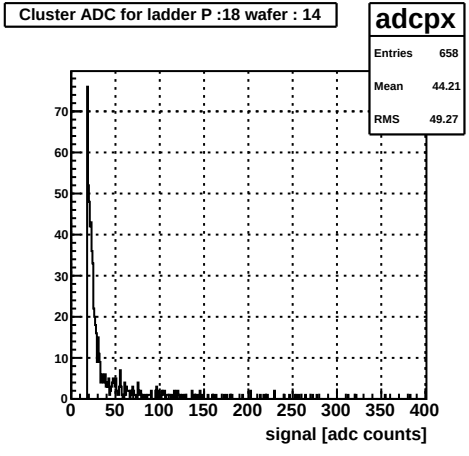

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 1465
Mean 27.99
RMS 27.17
signal [adc counts]

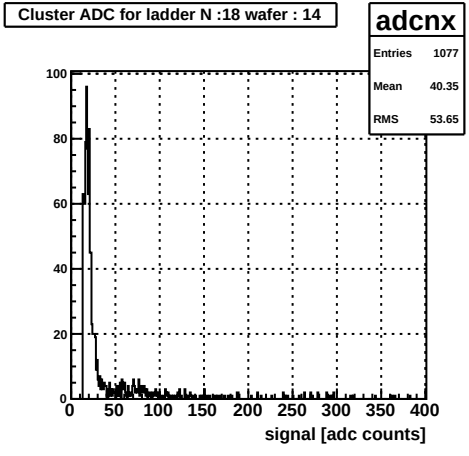

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 941
Mean 41.55
RMS 41.1
signal [adc counts]

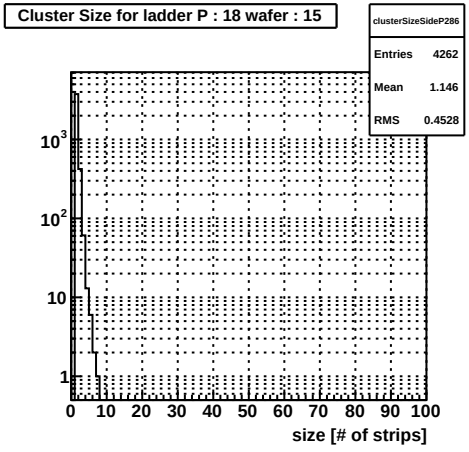

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 658
Mean 1.26
RMS 0.6736
size [# of strips]

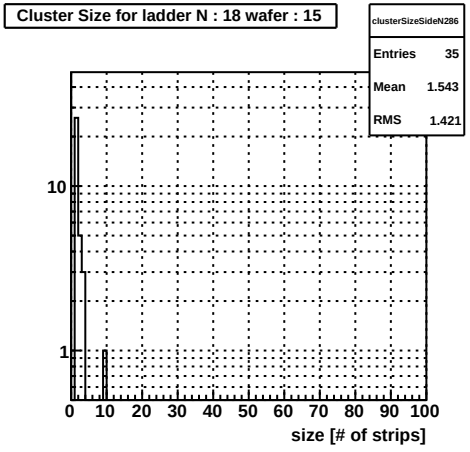

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 1077
Mean 1.294
RMS 0.8595
size [# of strips]

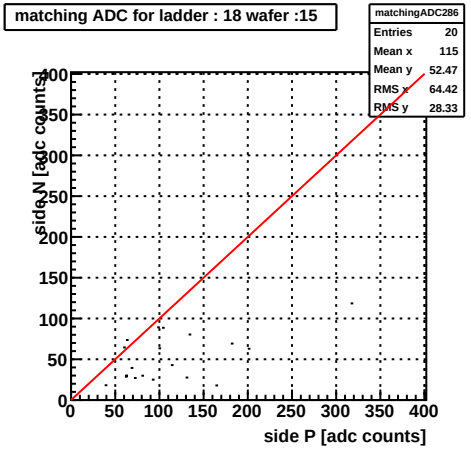

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 255
Mean x 59.5
Mean y 66.4
RMS x 50.84
RMS y 61.39
side N [adc counts]
side P [adc counts]

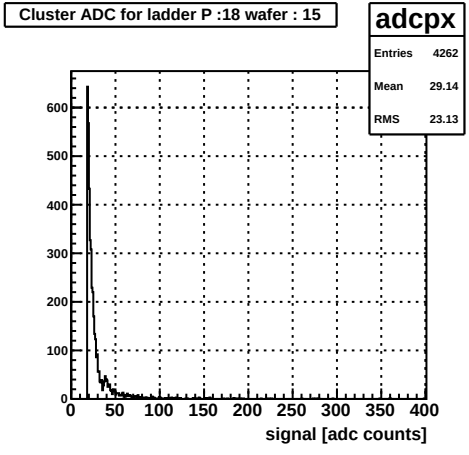

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 658
Mean 44.21
RMS 49.27
signal [adc counts]

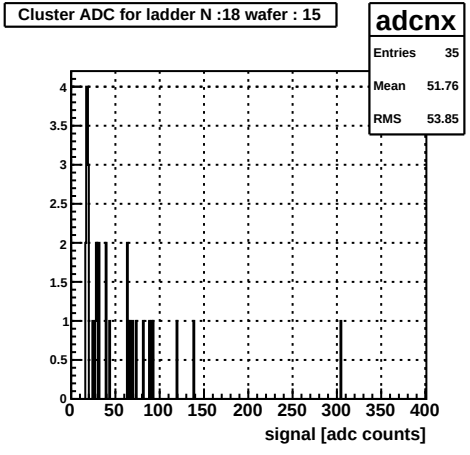

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 1077
Mean 40.35
RMS 53.65
signal [adc counts]

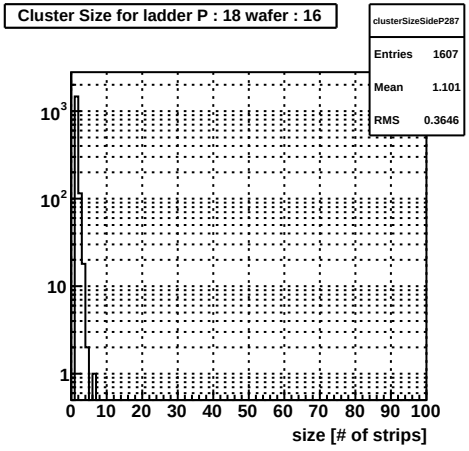

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 4262
Mean 1.146
RMS 0.4528
size [# of strips]

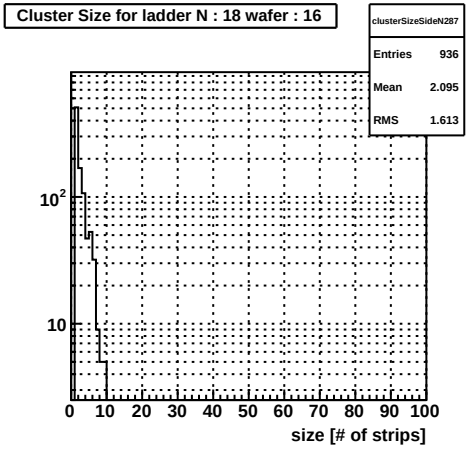

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 35
Mean 1.543
RMS 1.421
size [# of strips]

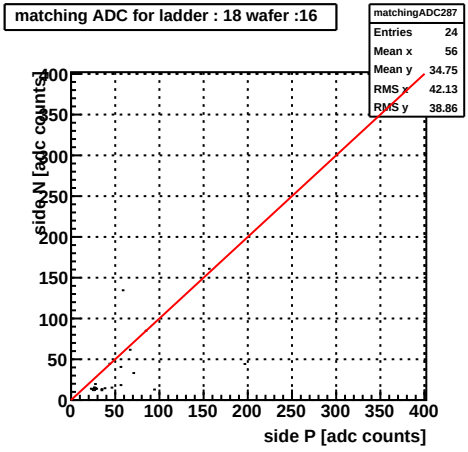

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 20
Mean x 115
Mean y 52.47
RMS x 64.42
RMS y 28.33
side N [adc counts]
side P [adc counts]

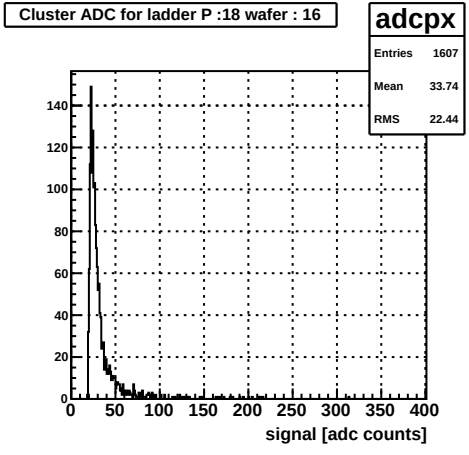

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 4262
Mean 29.14
RMS 23.13
signal [adc counts]

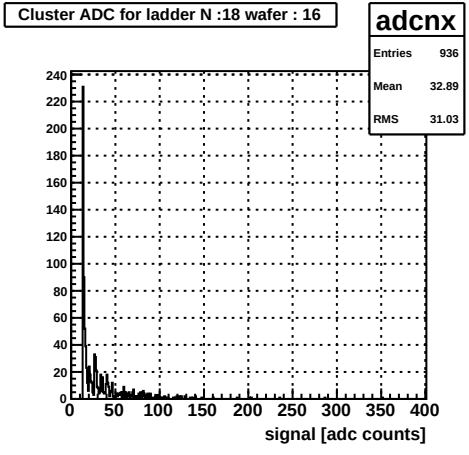

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 35
Mean 51.76
RMS 53.85
signal [adc counts]

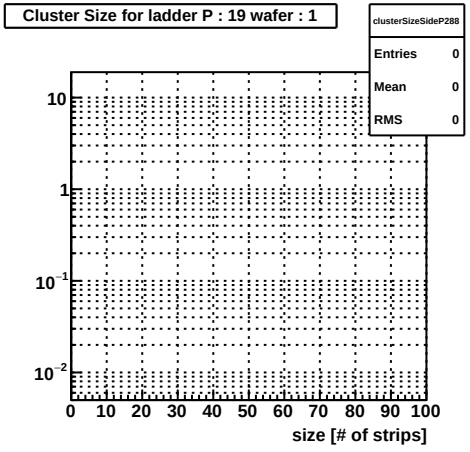

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 1607
Mean 1.101
RMS 0.3646
size [# of strips]

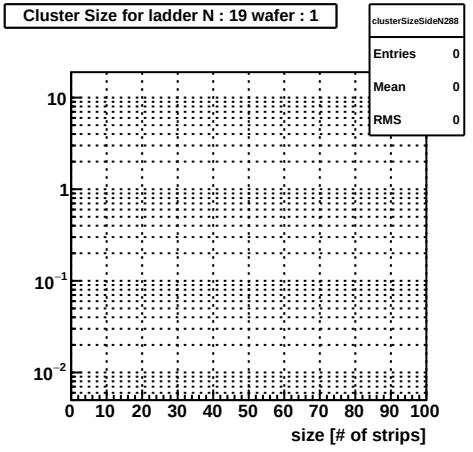

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 936
Mean 2.095
RMS 1.613
size [# of strips]

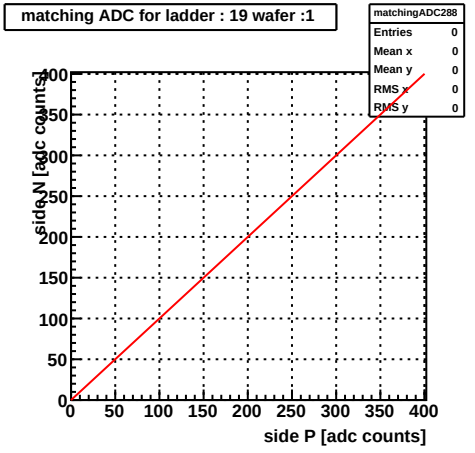

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 24
Mean x 56
Mean y 34.75
RMS x 42.13
RMS y 38.86
side N [adc counts]
side P [adc counts]

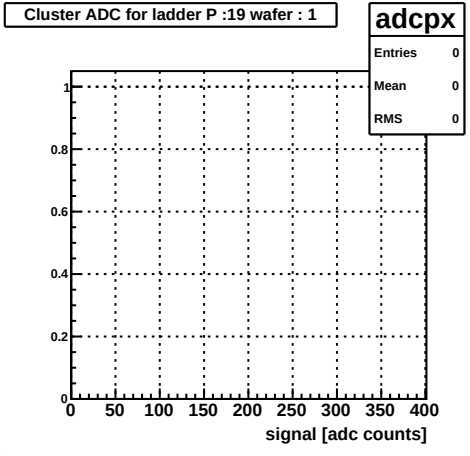

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 1607
Mean 33.74
RMS 22.44
signal [adc counts]

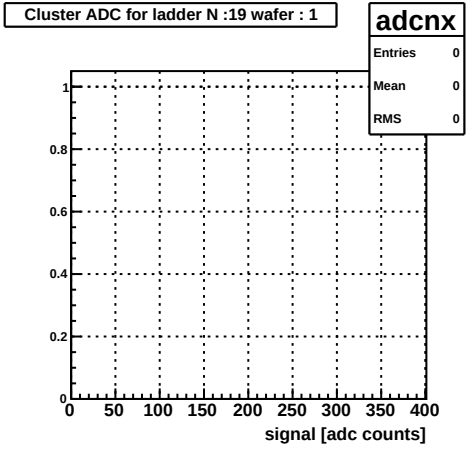

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 936
Mean 32.89
RMS 31.03
signal [adc counts]

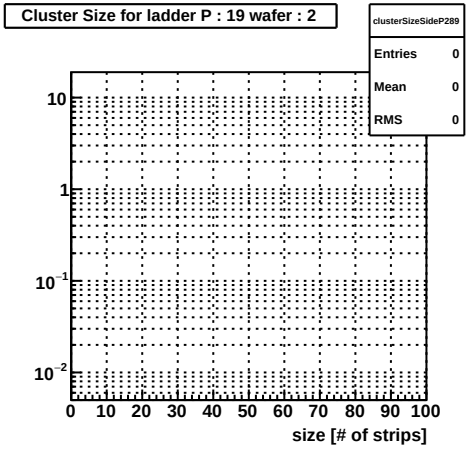

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

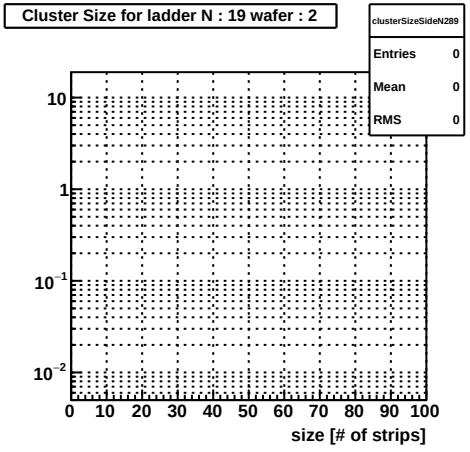

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

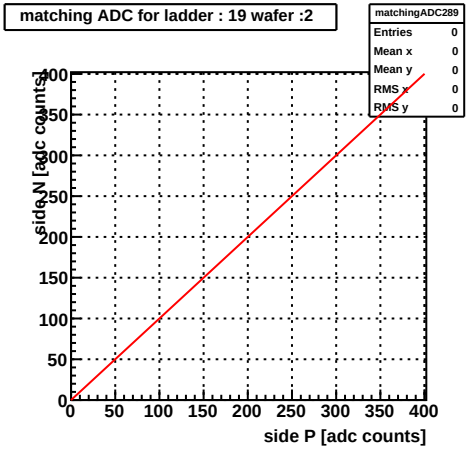

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

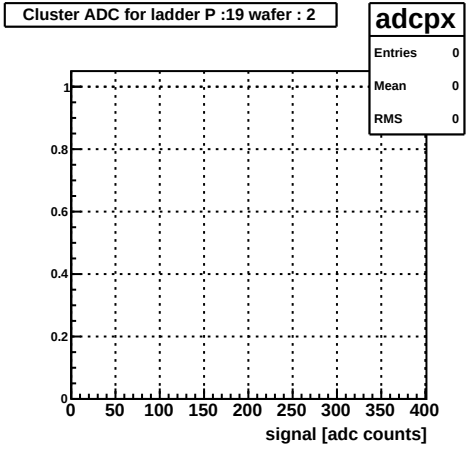

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

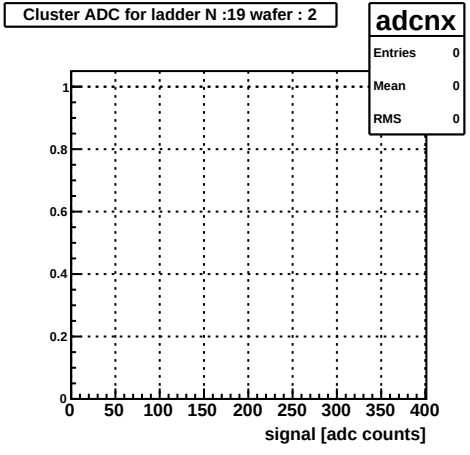

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

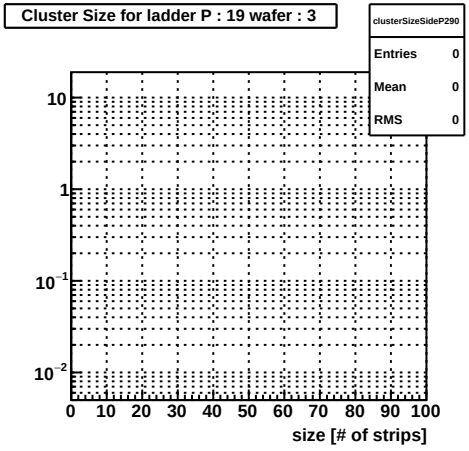

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

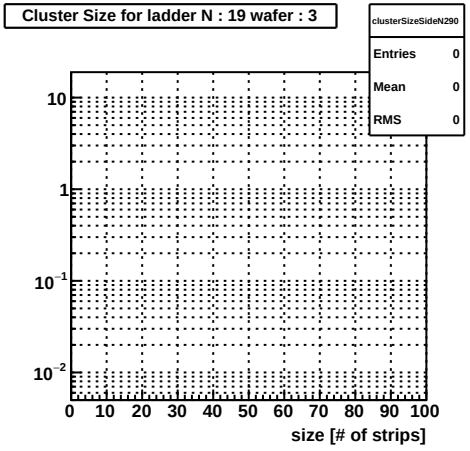

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

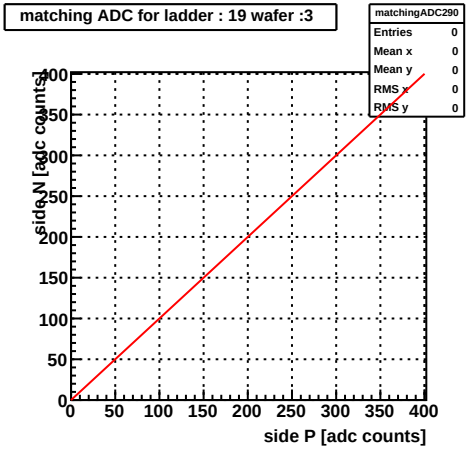

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

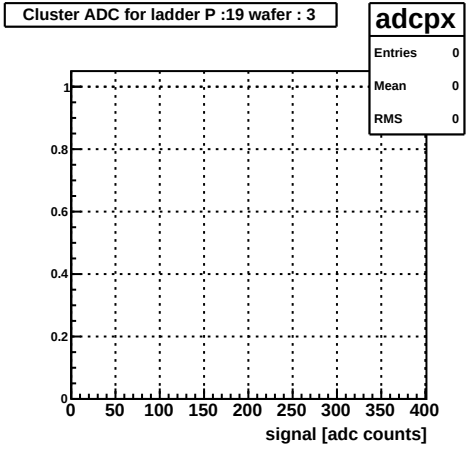

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

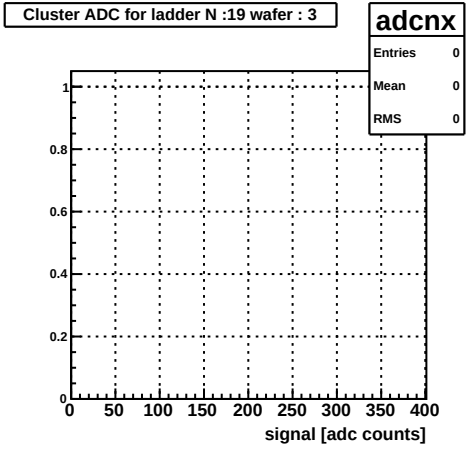

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

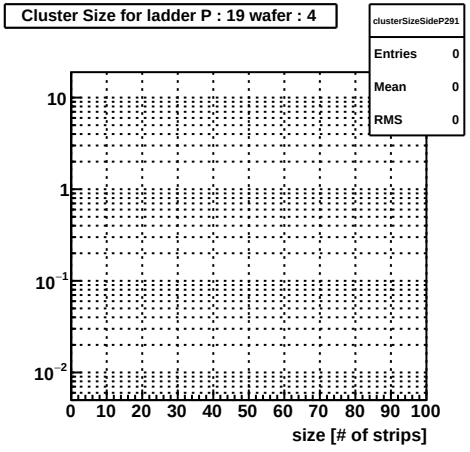

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

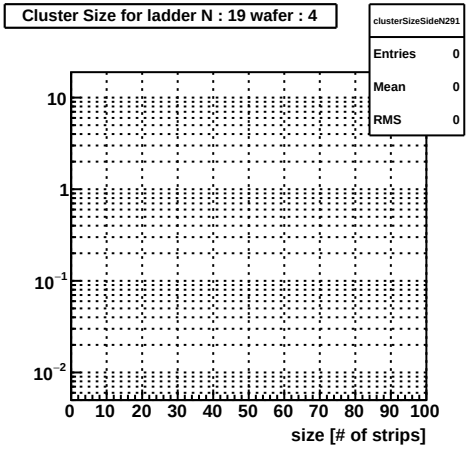

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

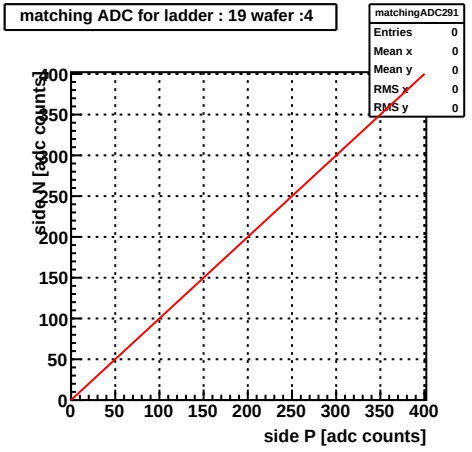

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

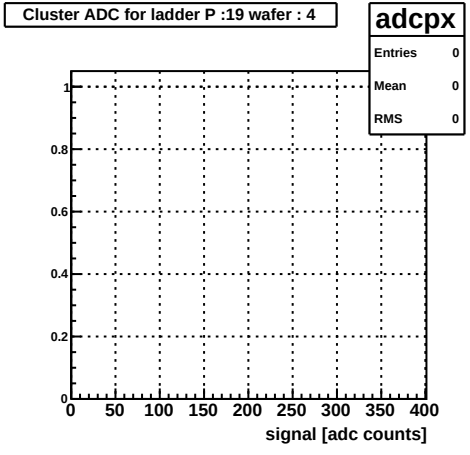

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

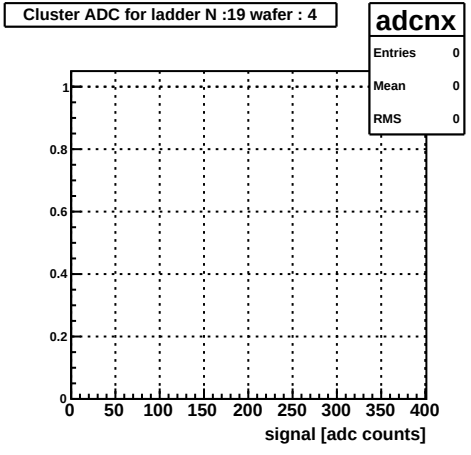

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

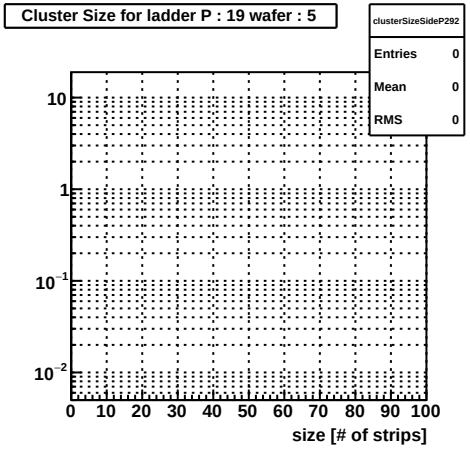

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

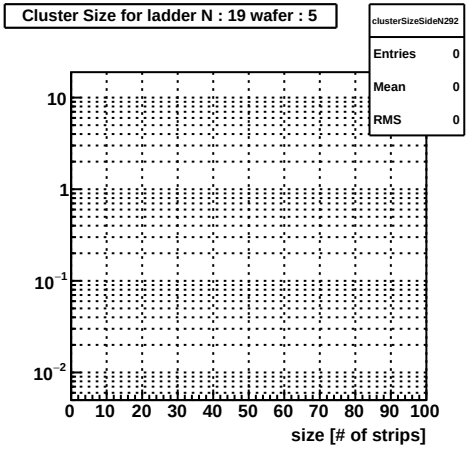

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

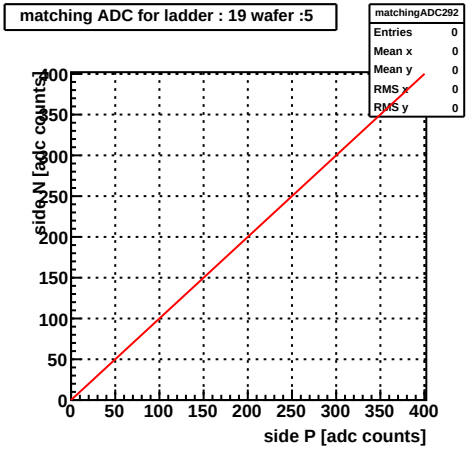

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

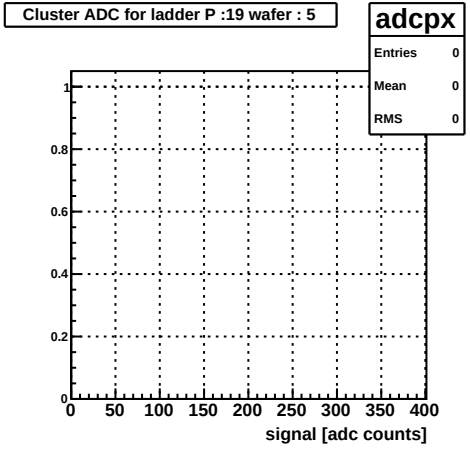

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

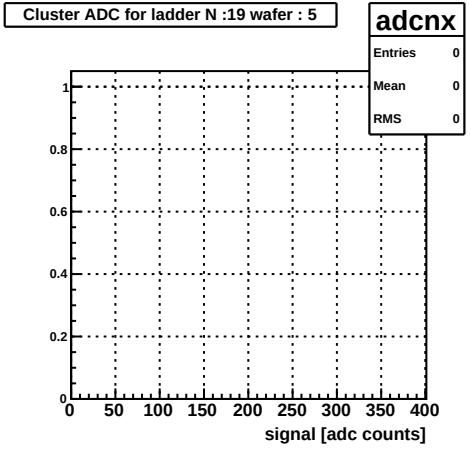

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

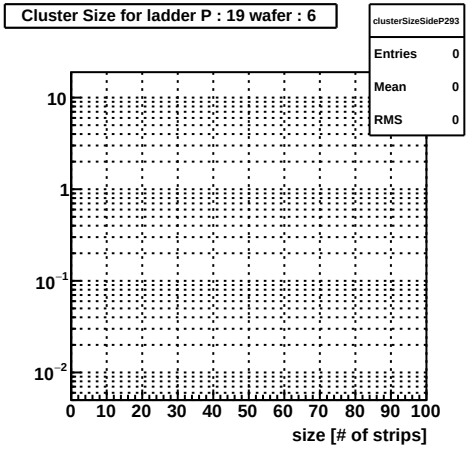

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

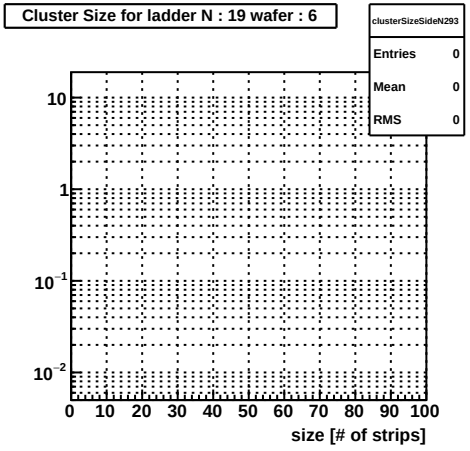

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

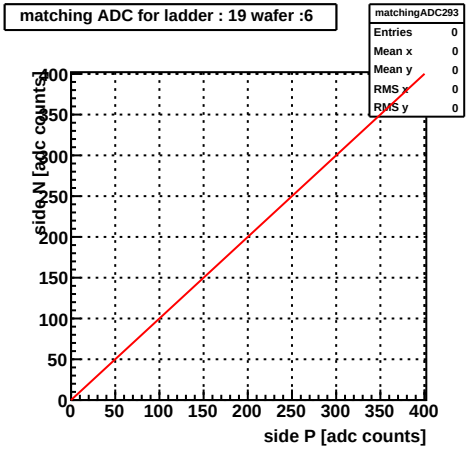

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

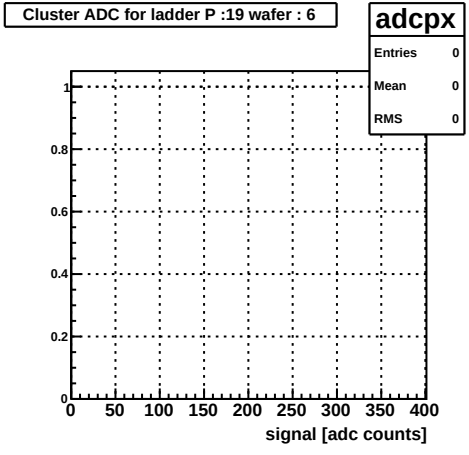

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

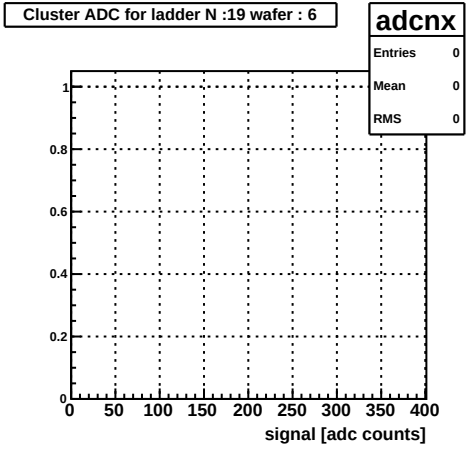

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

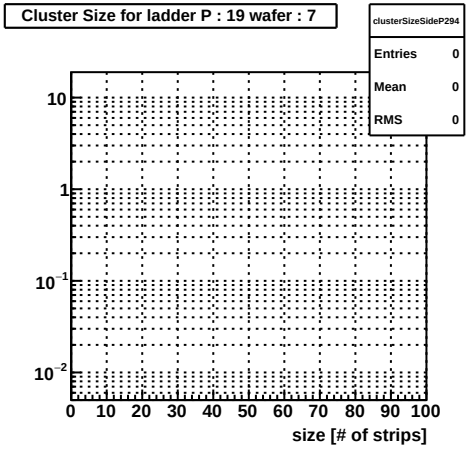

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

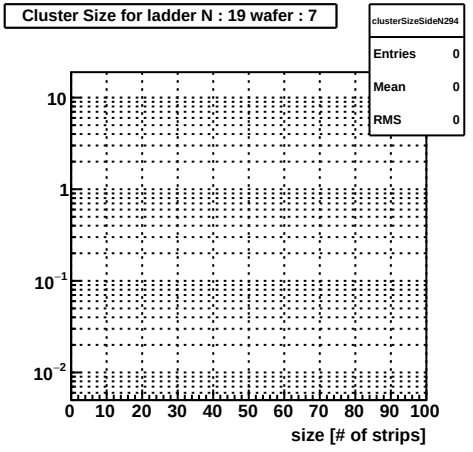

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

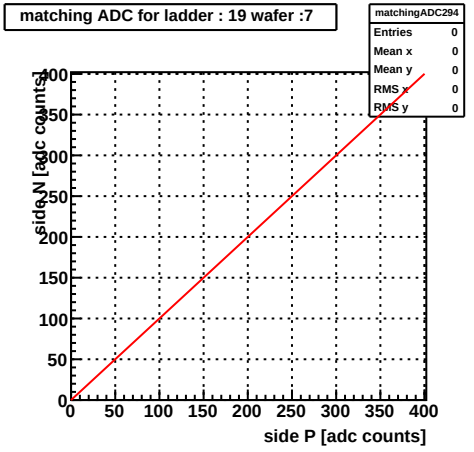

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

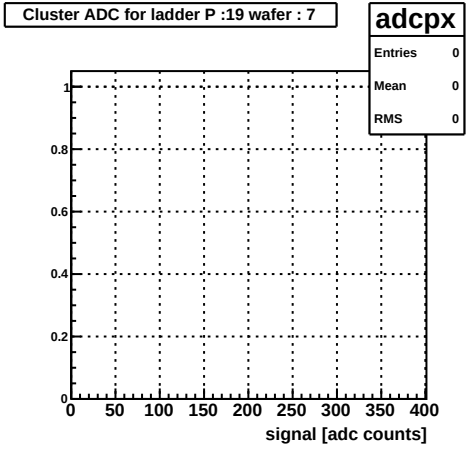

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

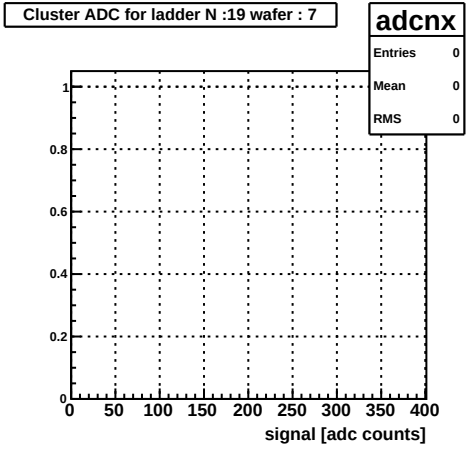

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

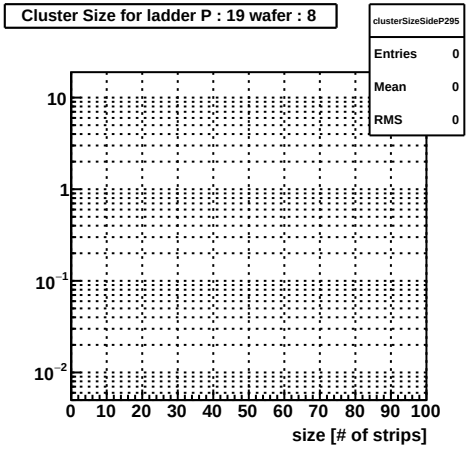

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

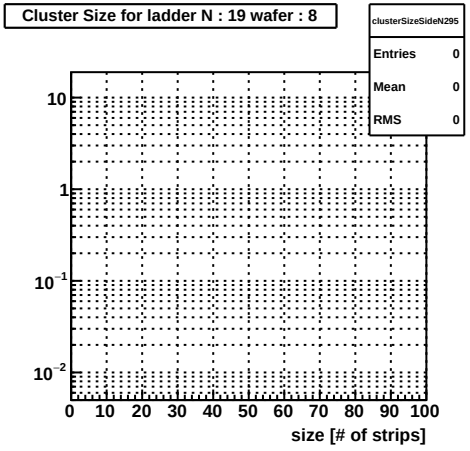

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

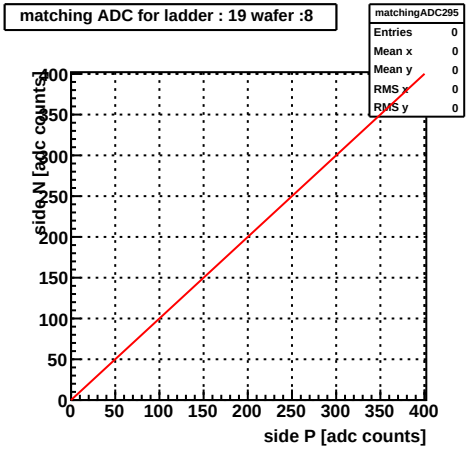

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

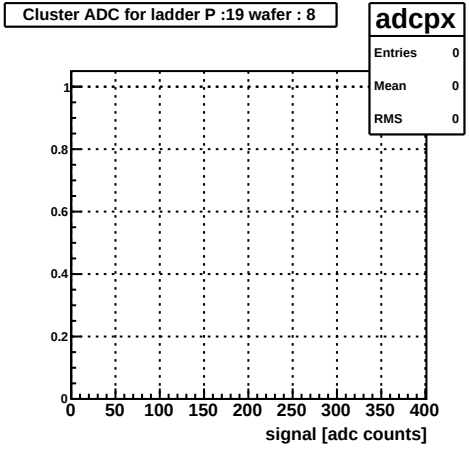

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

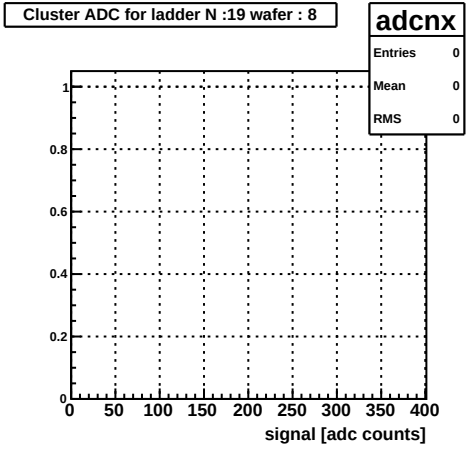

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

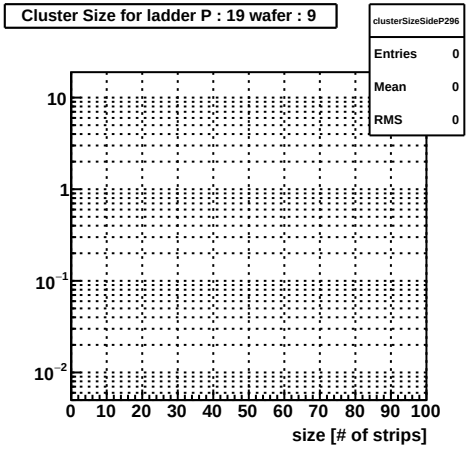

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

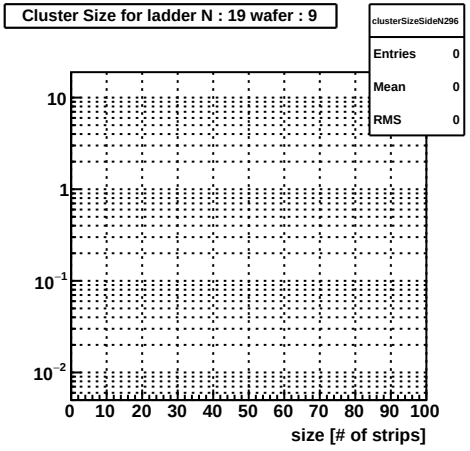

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

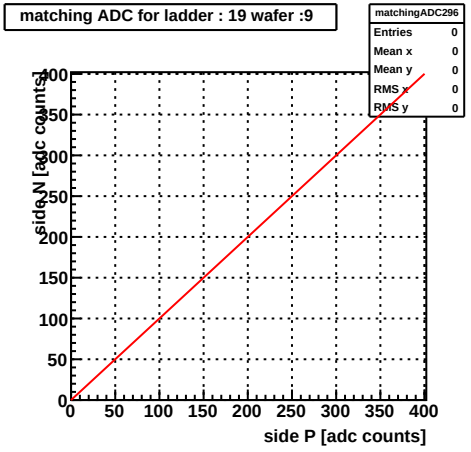

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

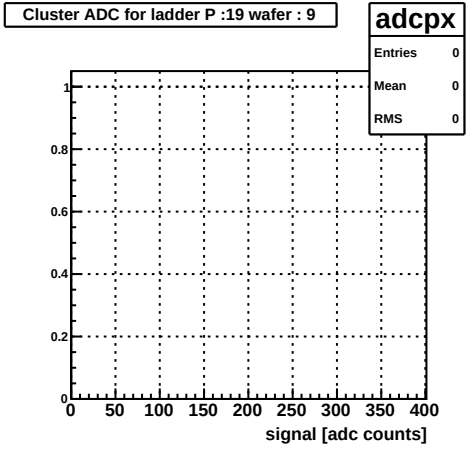

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

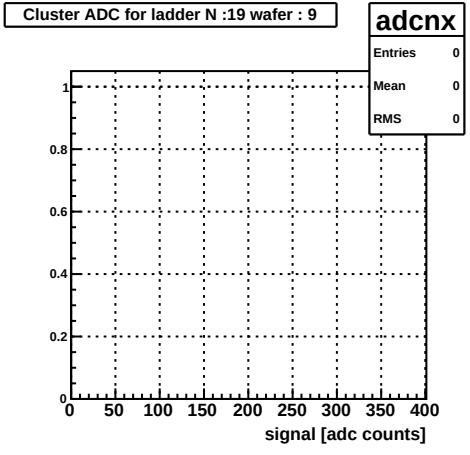

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

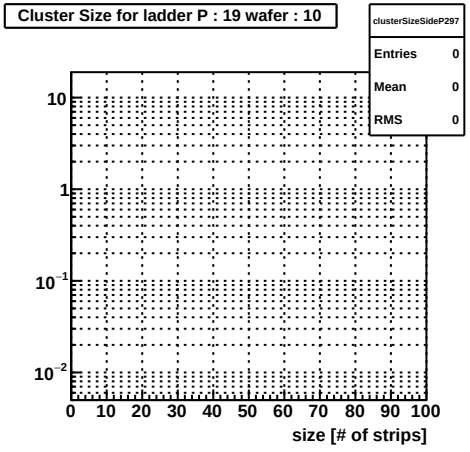

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

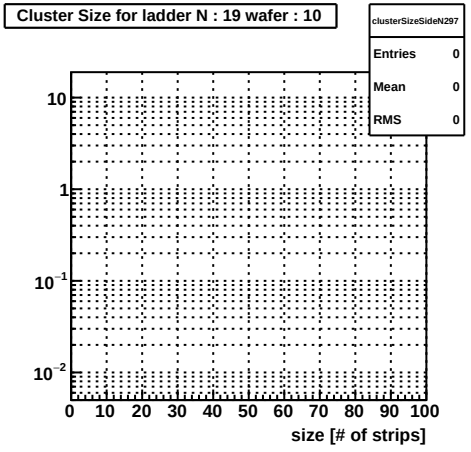

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

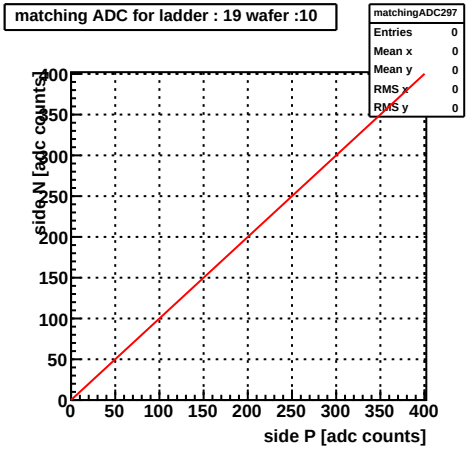

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

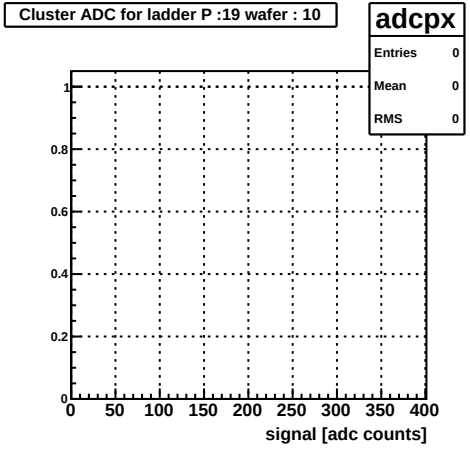

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

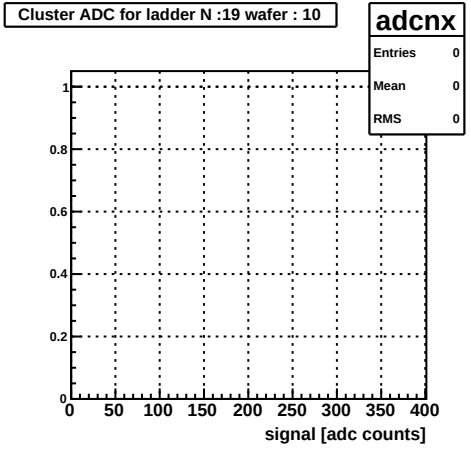

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

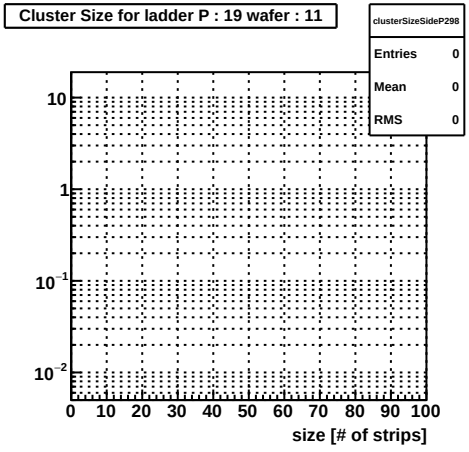

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

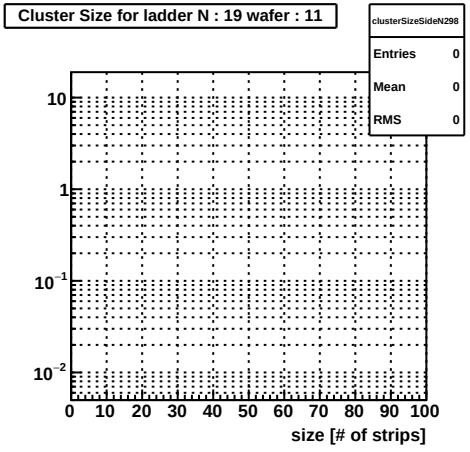

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

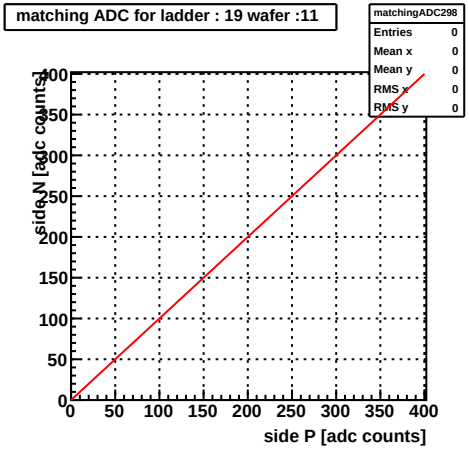

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

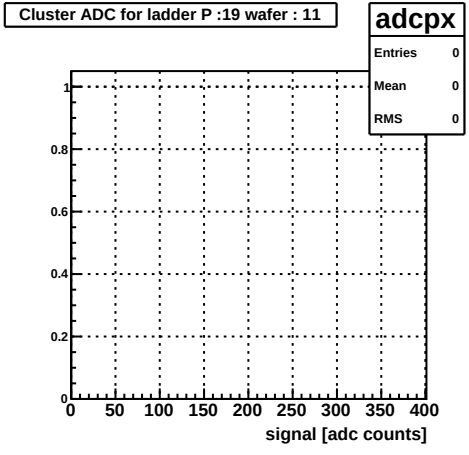

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

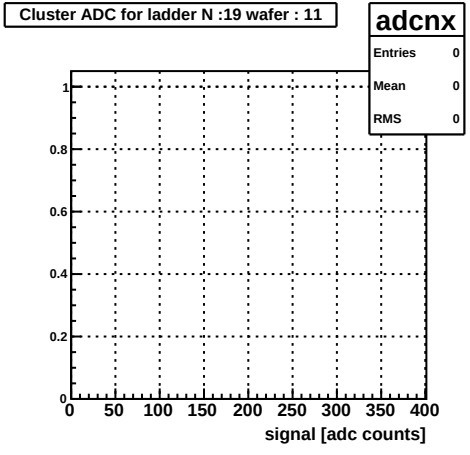

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

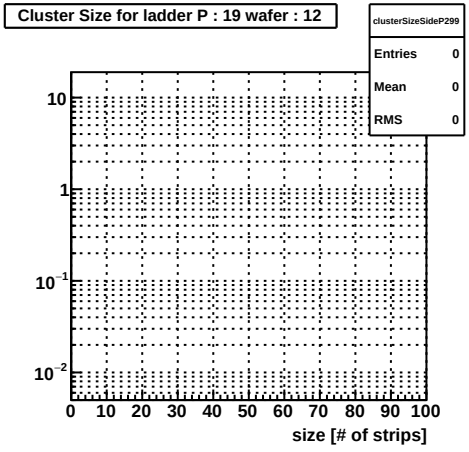

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

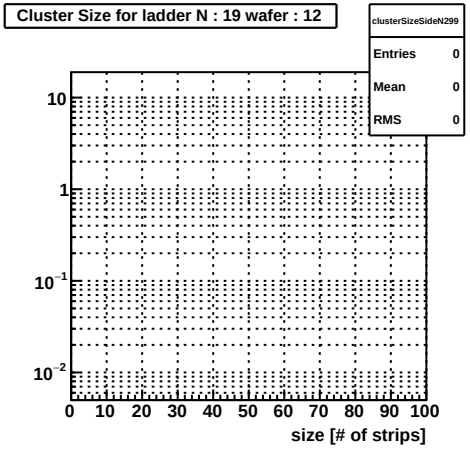

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

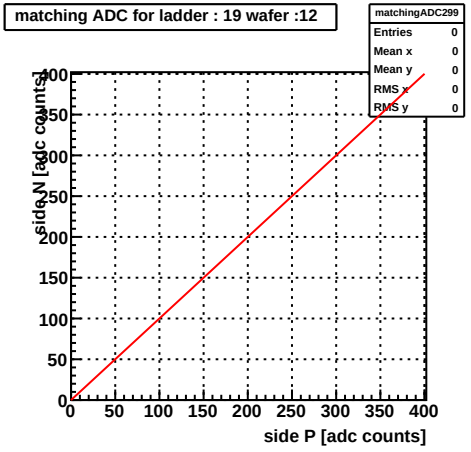

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

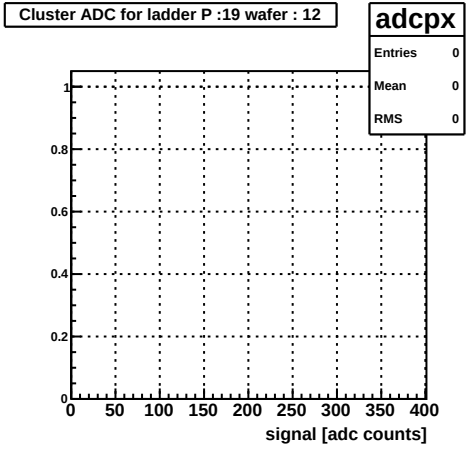

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

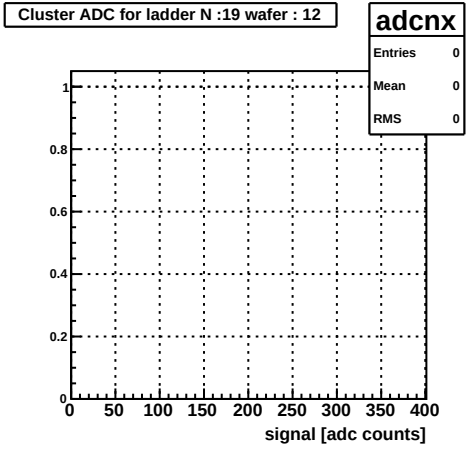

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

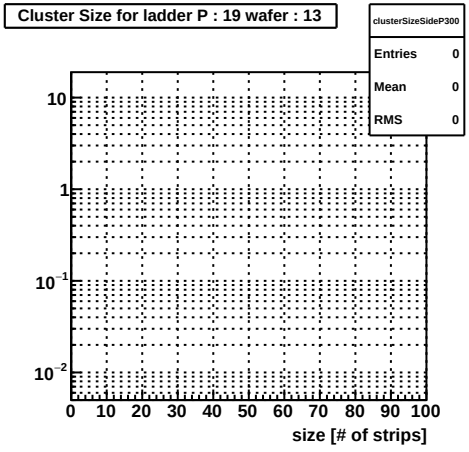

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

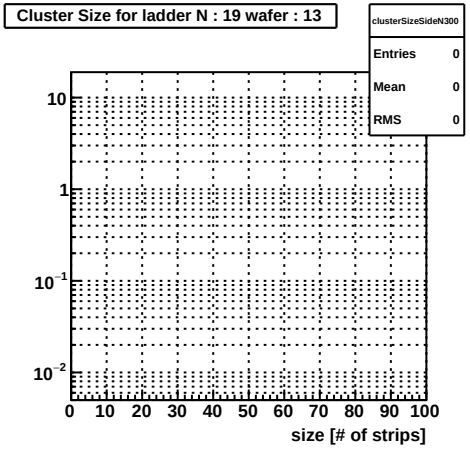

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

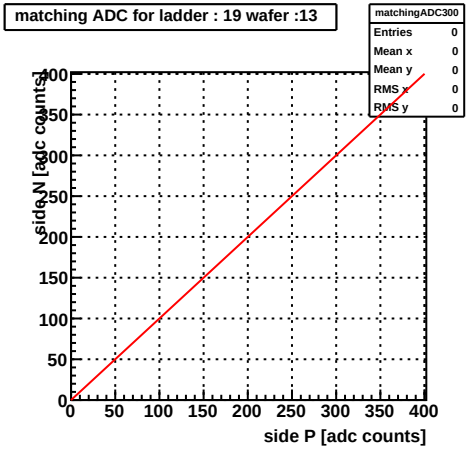

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

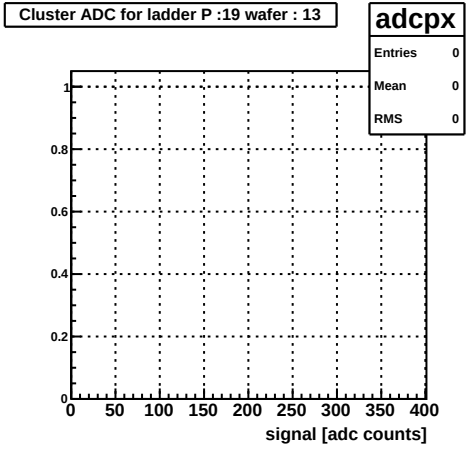

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

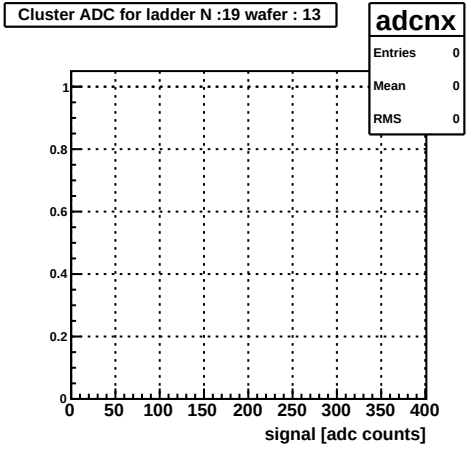

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

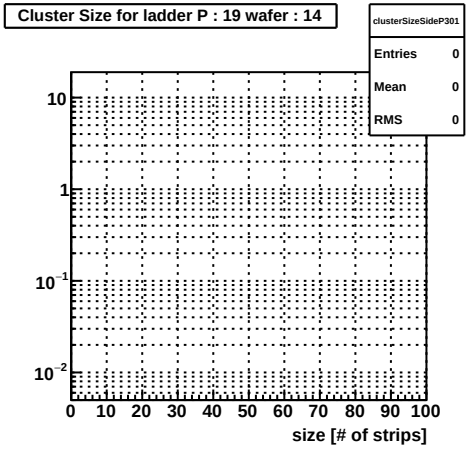

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

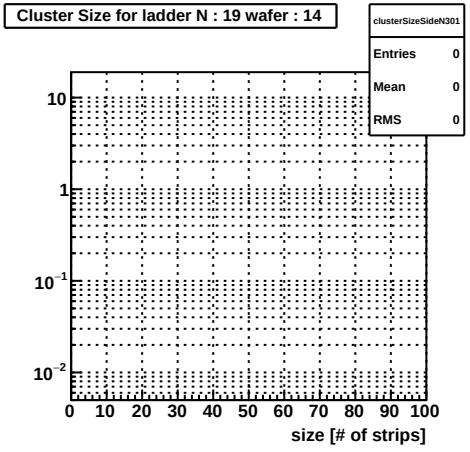

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

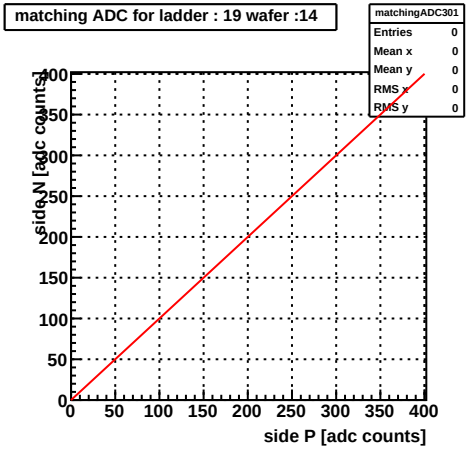

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

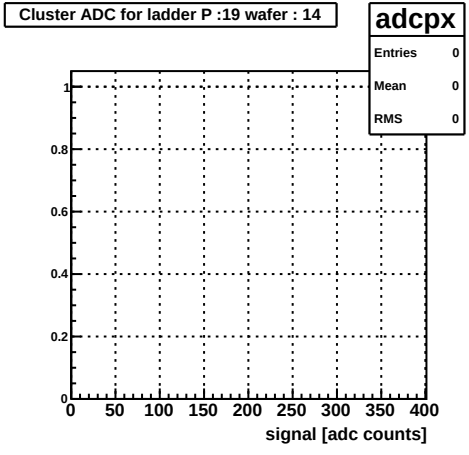

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

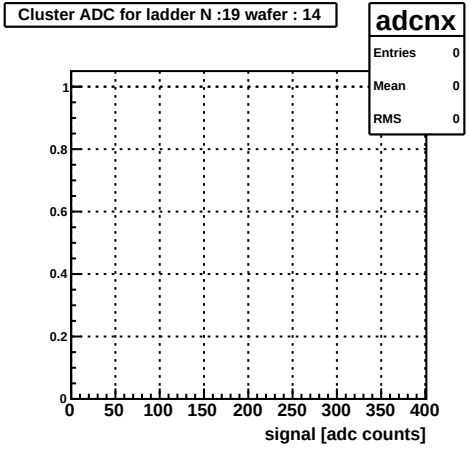

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

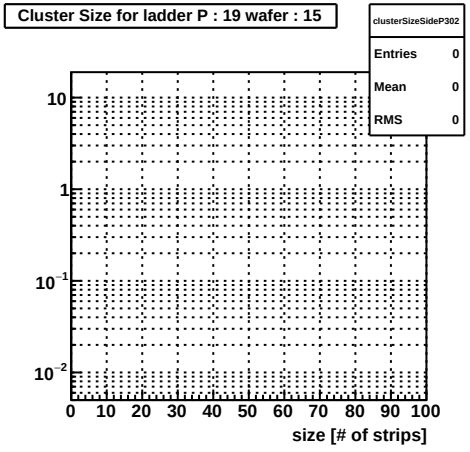

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

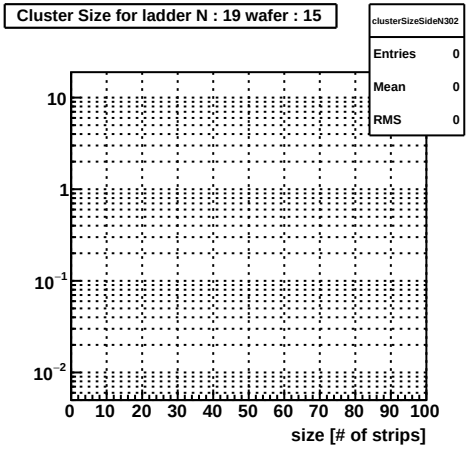

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

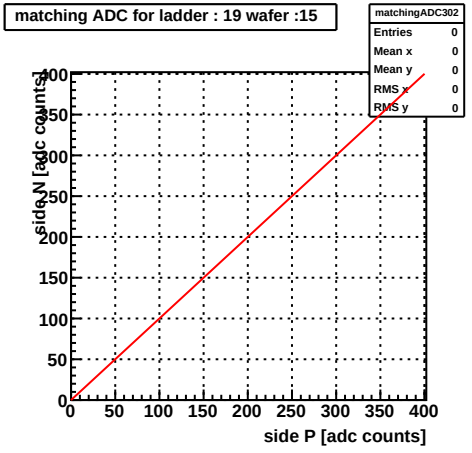

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

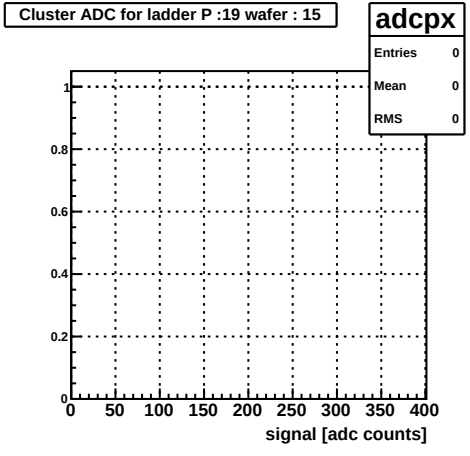

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

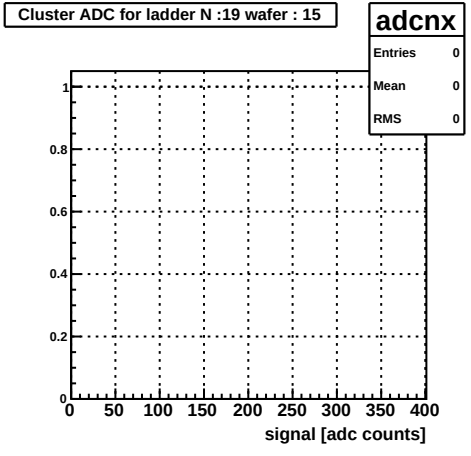

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

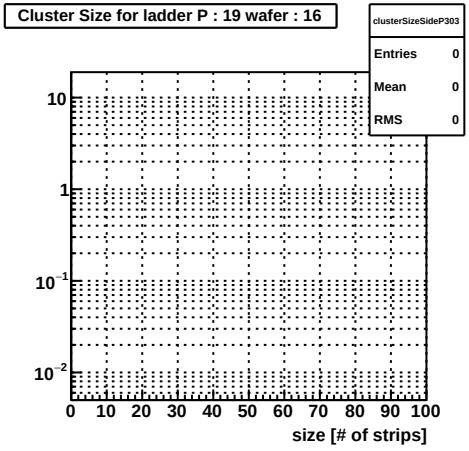

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

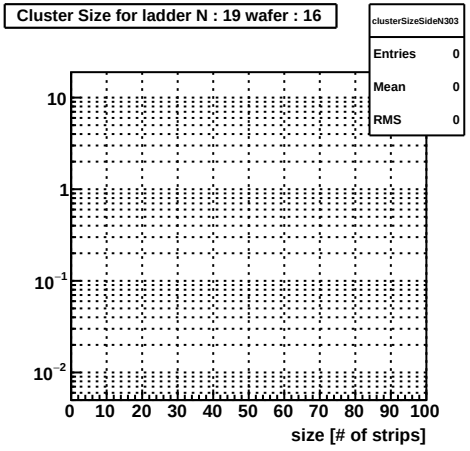

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

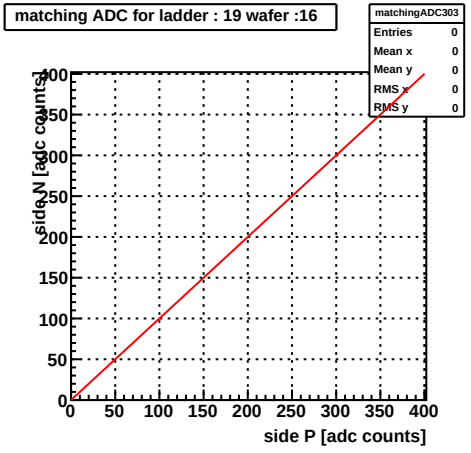

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

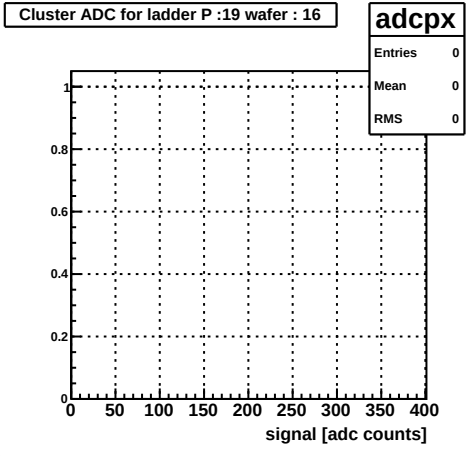

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

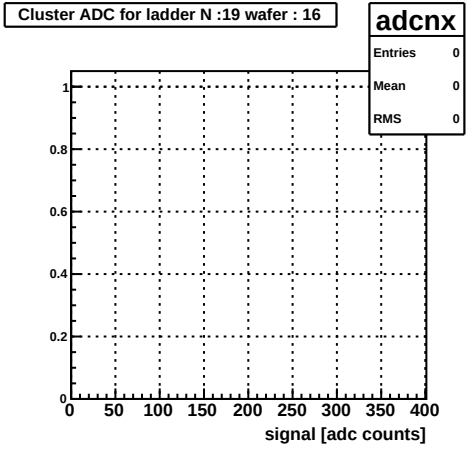

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

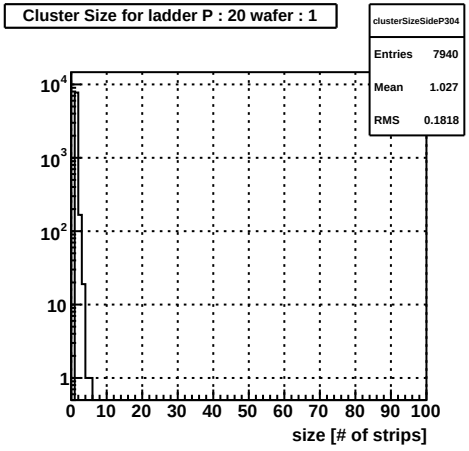

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

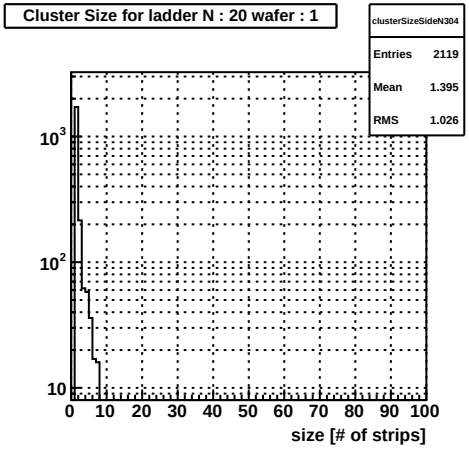

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

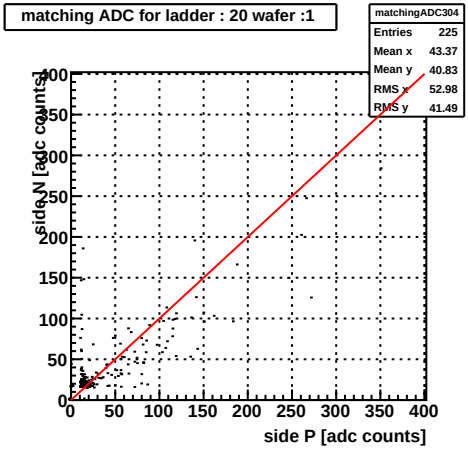

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

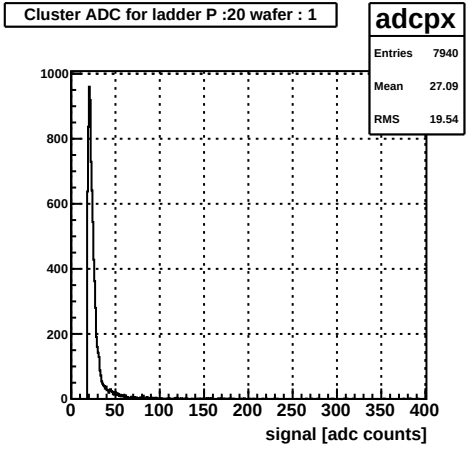

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

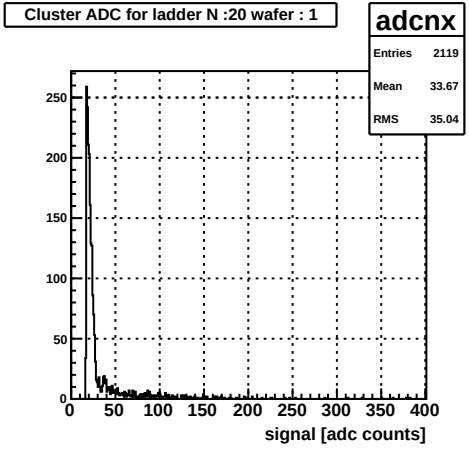

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

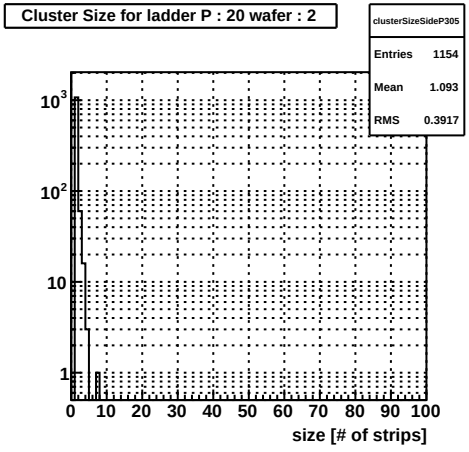

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 7940
Mean 1.027
RMS 0.1818
size [# of strips]

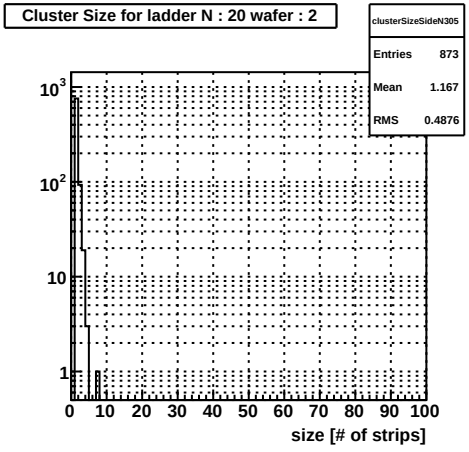

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 2119
Mean 1.395
RMS 1.026
size [# of strips]

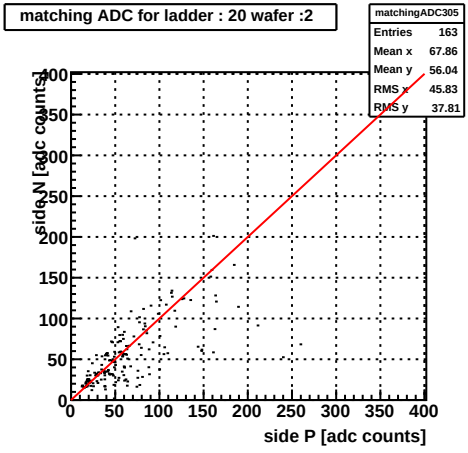

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 225
Mean x 43.37
Mean y 40.83
RMS x 52.98
RMS y 41.49
side N [adc counts]
side P [adc counts]

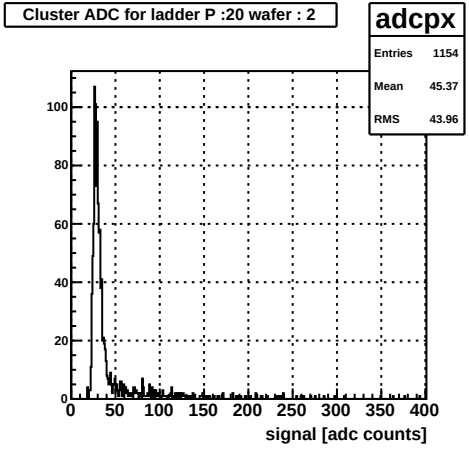

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 7940
Mean 27.09
RMS 19.54
signal [adc counts]

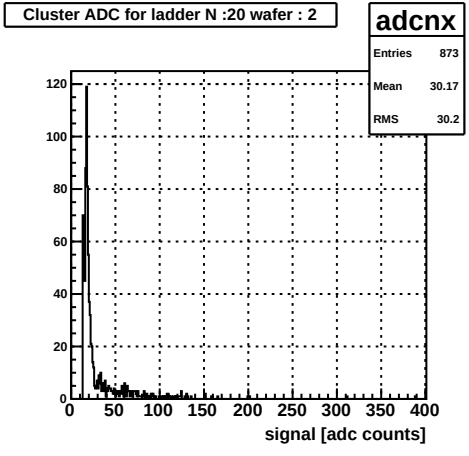

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 2119
Mean 33.67
RMS 35.04
signal [adc counts]

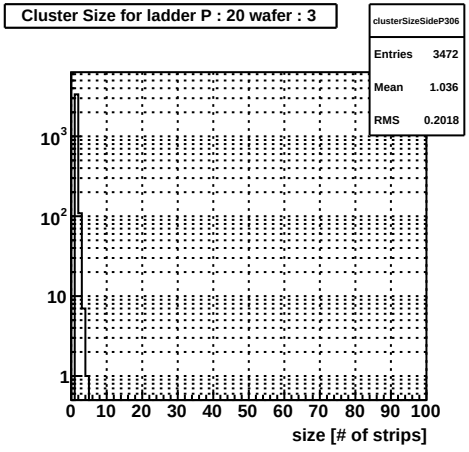

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 1154
Mean 1.093
RMS 0.3917
size [# of strips]

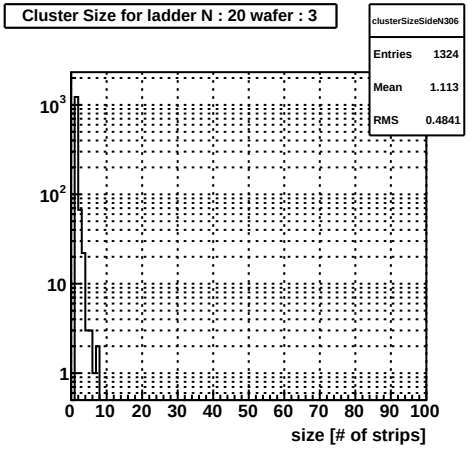

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 873
Mean 1.167
RMS 0.4876
size [# of strips]

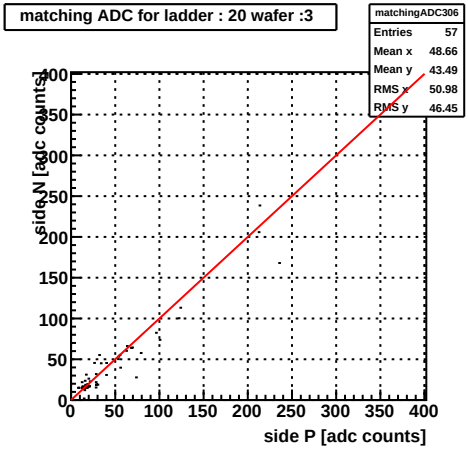

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 163
Mean x 67.86
Mean y 56.04
RMS x 45.83
RMS y 37.81
side N [adc counts]
side P [adc counts]

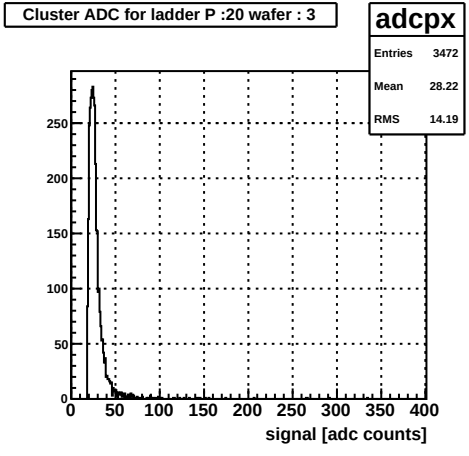

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 1154
Mean 45.37
RMS 43.96
signal [adc counts]

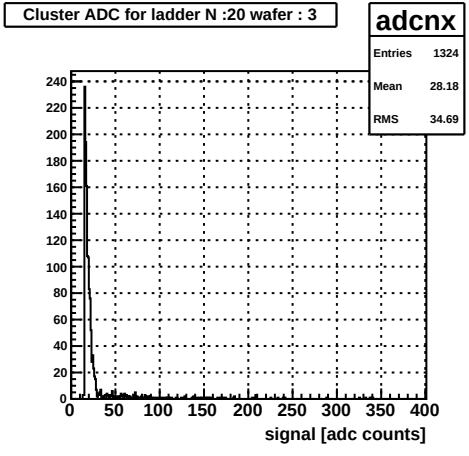

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 873
Mean 30.17
RMS 30.2
signal [adc counts]

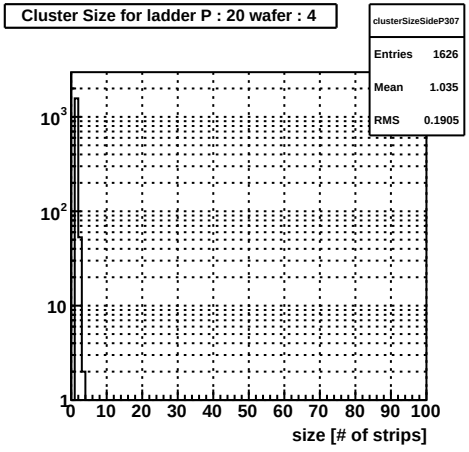

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 3472
Mean 1.036
RMS 0.2018
size [# of strips]

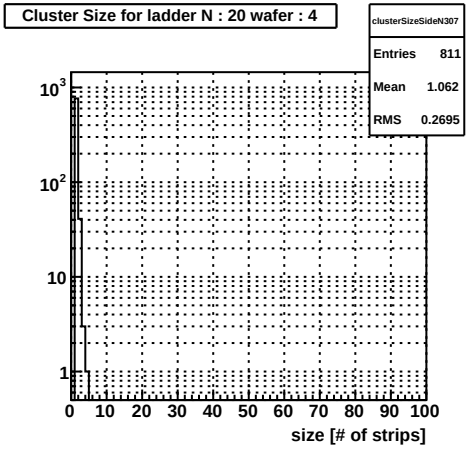

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 1324
Mean 1.113
RMS 0.4841
size [# of strips]

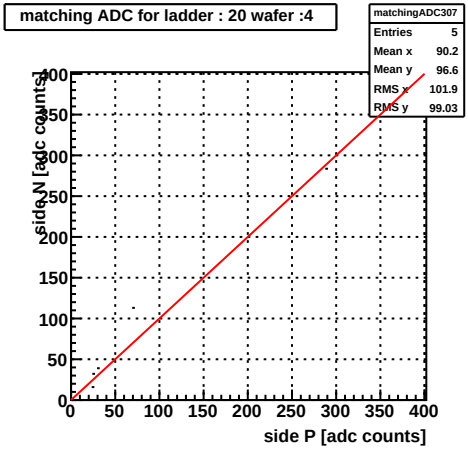

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 57
Mean x 48.66
Mean y 43.49
RMS x 50.98
RMS y 46.45
side N [adc counts]
side P [adc counts]

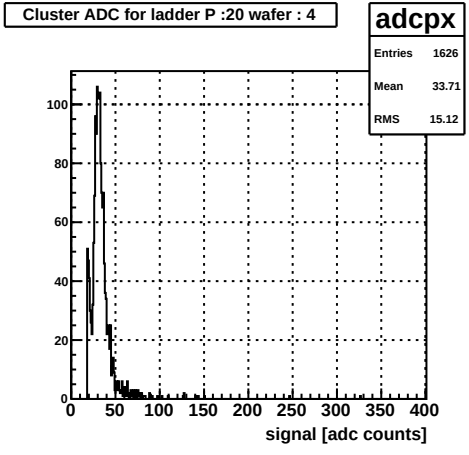

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 3472
Mean 28.22
RMS 14.19
signal [adc counts]

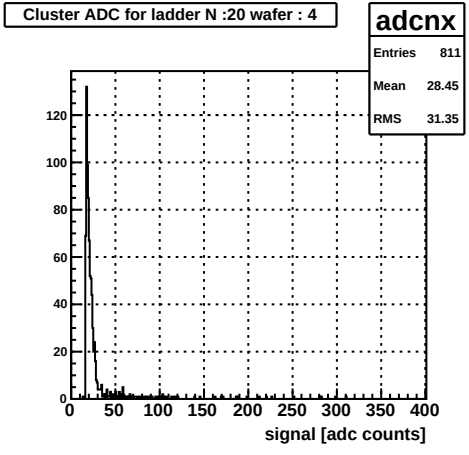

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 1324
Mean 28.18
RMS 34.69
signal [adc counts]

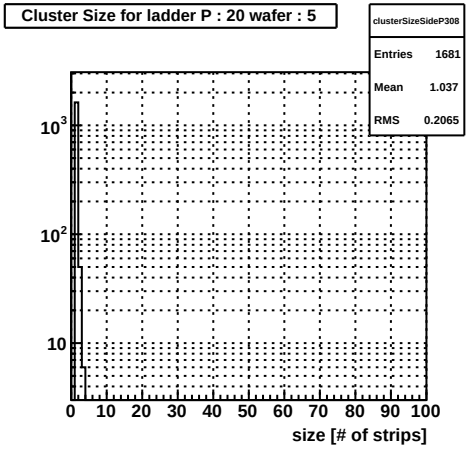

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 1626
Mean 1.035
RMS 0.1905
size [# of strips]

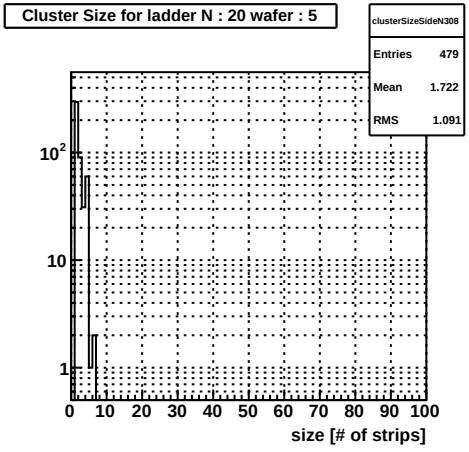

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 811
Mean 1.062
RMS 0.2695
size [# of strips]

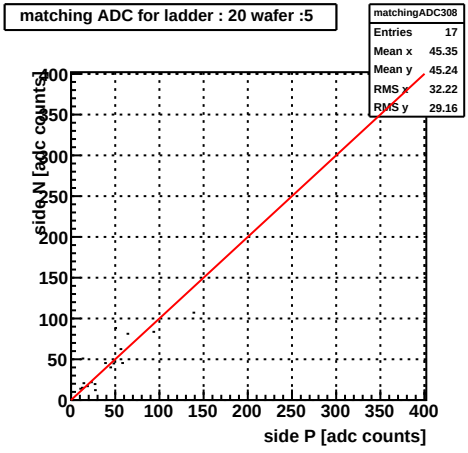

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 5
Mean x 90.2
Mean y 96.6
RMS x 101.9
RMS y 99.03
side N [adc counts]
side P [adc counts]

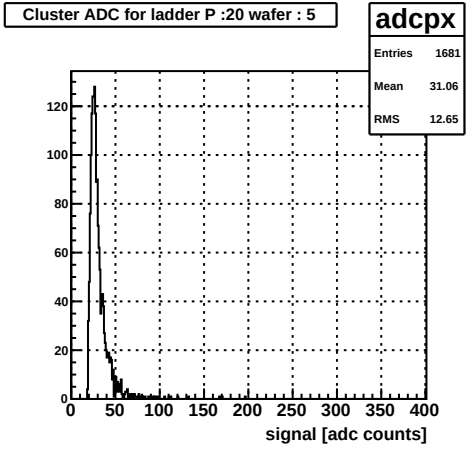

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 1626
Mean 33.71
RMS 15.12
signal [adc counts]

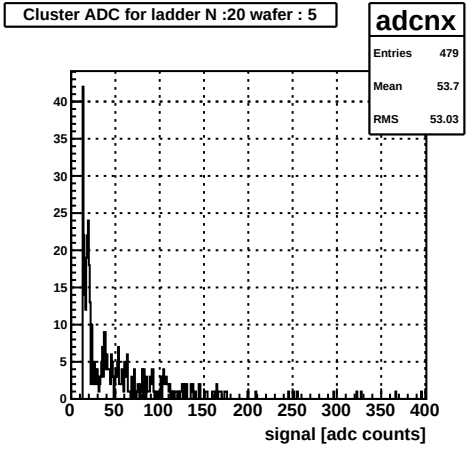

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 811
Mean 28.45
RMS 31.35
signal [adc counts]

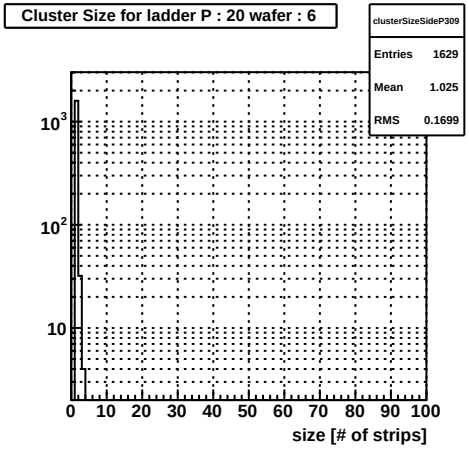

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1681
Mean 1.037
RMS 0.2065
size [# of strips]

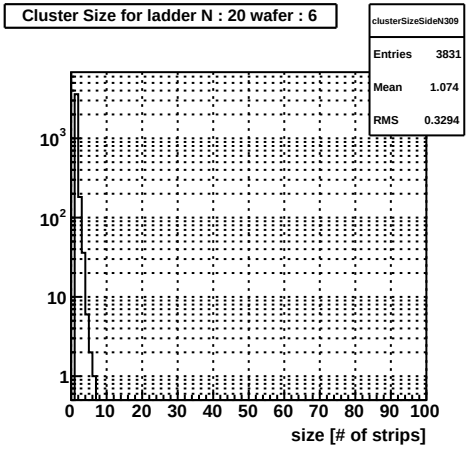

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 479
Mean 1.722
RMS 1.091
size [# of strips]

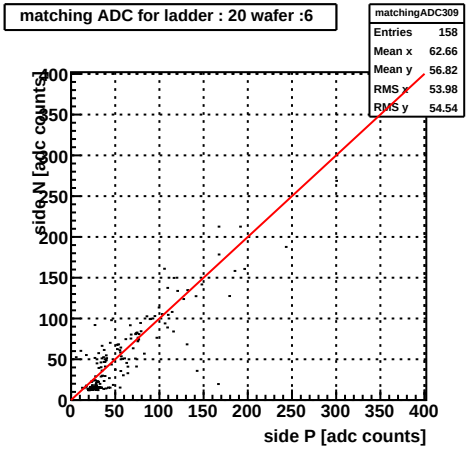

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 17
Mean x 45.35
Mean y 45.24
RMS x 32.22
RMS y 29.16
side N [adc counts]
side P [adc counts]

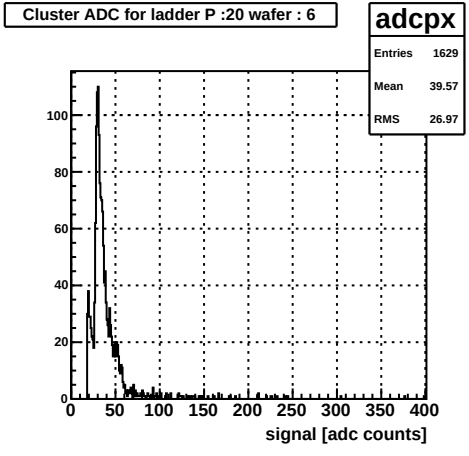

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1681
Mean 31.06
RMS 12.65
signal [adc counts]

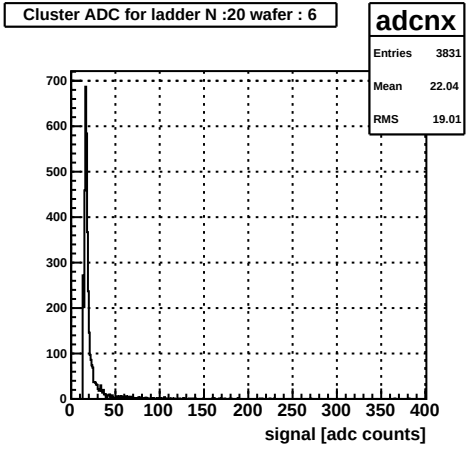

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 479
Mean 53.7
RMS 53.03
signal [adc counts]

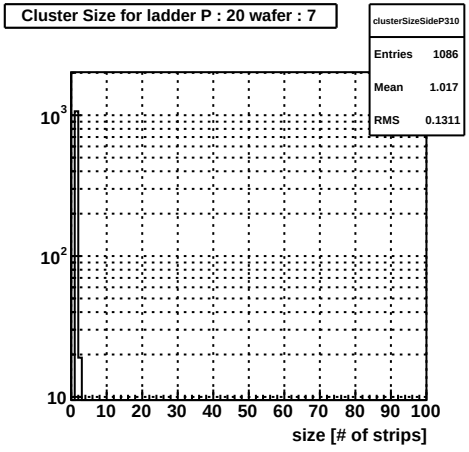

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1629
Mean 1.025
RMS 0.1699
size [# of strips]

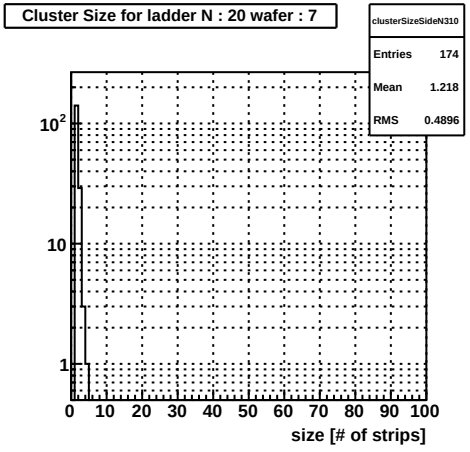

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 3831
Mean 1.074
RMS 0.3294
size [# of strips]

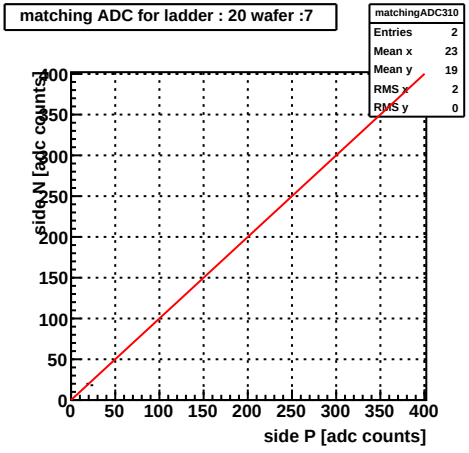

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 158
Mean x 62.66
Mean y 56.82
RMS x 53.98
RMS y 54.54
side N [adc counts]
side P [adc counts]

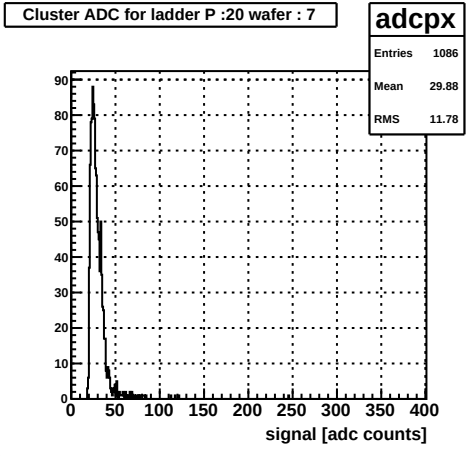

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1629
Mean 39.57
RMS 26.97
signal [adc counts]

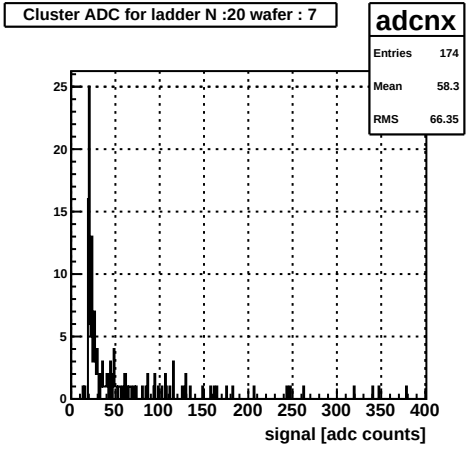

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 3831
Mean 22.04
RMS 19.01
signal [adc counts]

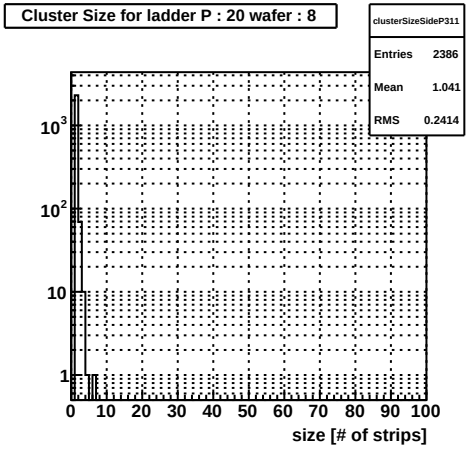

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1086
Mean 1.017
RMS 0.1311
size [# of strips]

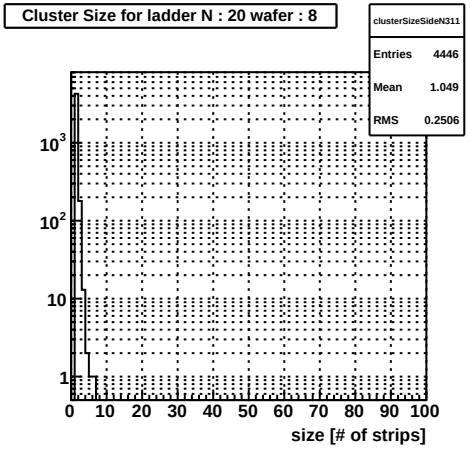

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 174
Mean 1.218
RMS 0.4896
size [# of strips]

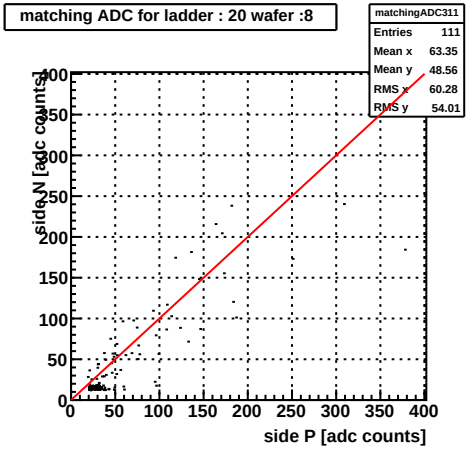

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 2
Mean x 23
Mean y 19
RMS x 2
RMS y 0
side N [adc counts]
side P [adc counts]

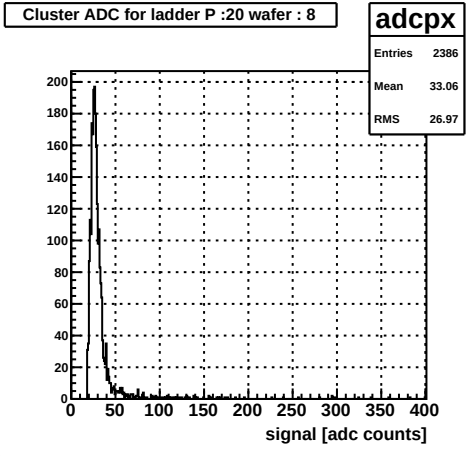

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1086
Mean 29.88
RMS 11.78
signal [adc counts]

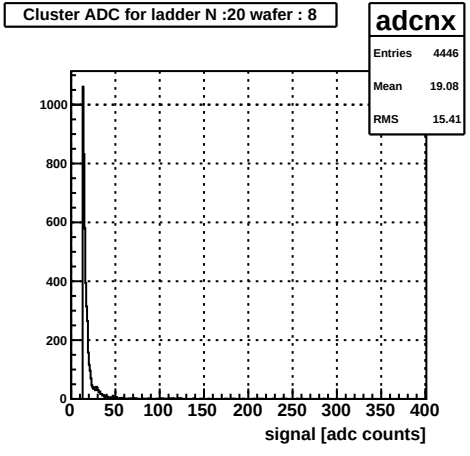

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 174
Mean 58.3
RMS 66.35
signal [adc counts]

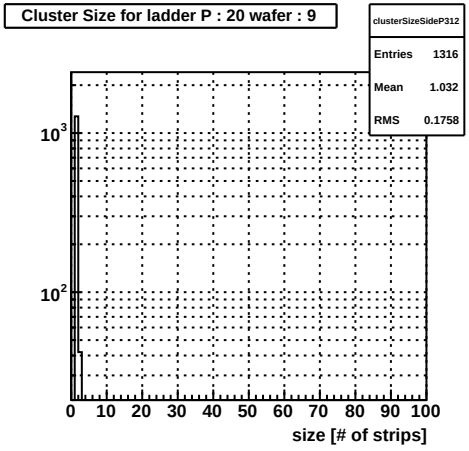

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 2386
Mean 1.041
RMS 0.2414
size [# of strips]

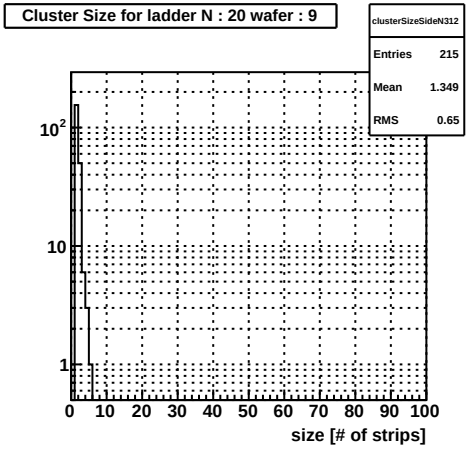

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 4446
Mean 1.049
RMS 0.2506
size [# of strips]

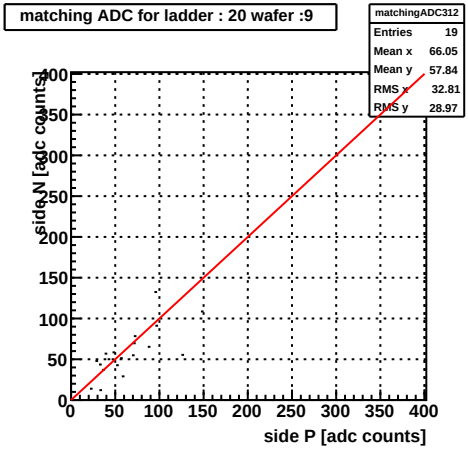

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 111
Mean x 63.35
Mean y 48.56
RMS x 60.28
RMS y 54.01
side N [adc counts]
side P [adc counts]

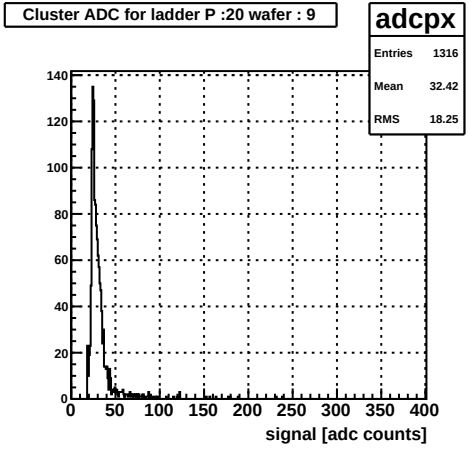

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 2386
Mean 33.06
RMS 26.97
signal [adc counts]

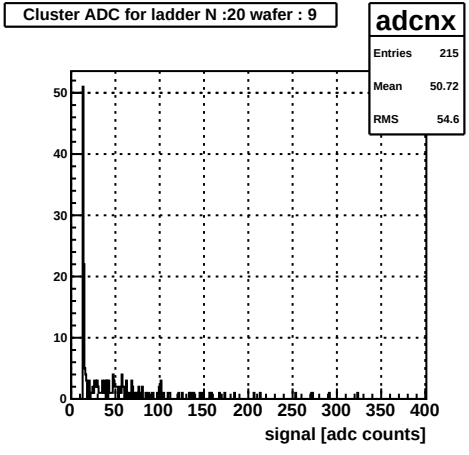

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 4446
Mean 19.08
RMS 15.41
signal [adc counts]

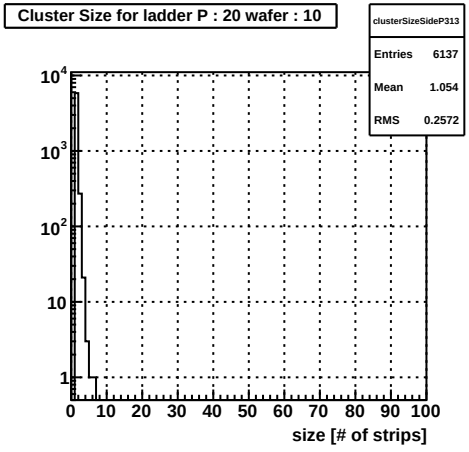

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1316
Mean 1.032
RMS 0.1758
size [# of strips]

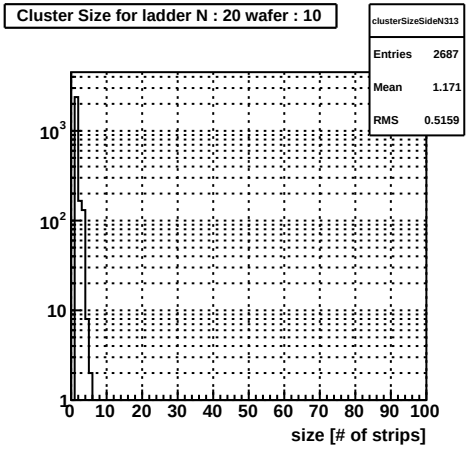

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 215
Mean 1.349
RMS 0.65
size [# of strips]

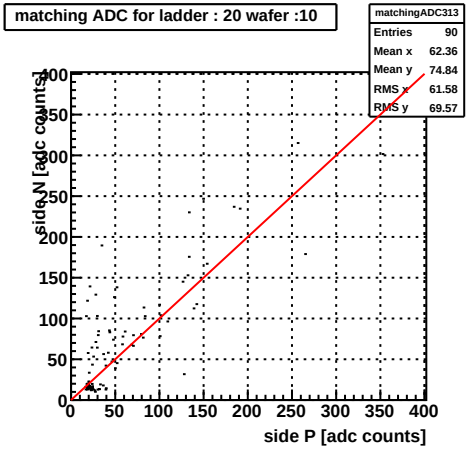

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 19
Mean x 66.05
Mean y 57.84
RMS x 32.81
RMS y 28.97
side N [adc counts]
side P [adc counts]

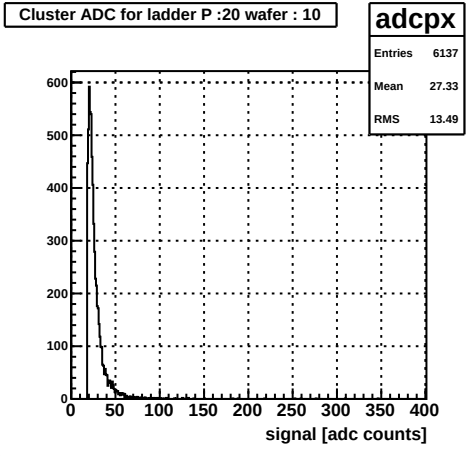

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1316
Mean 32.42
RMS 18.25
signal [adc counts]

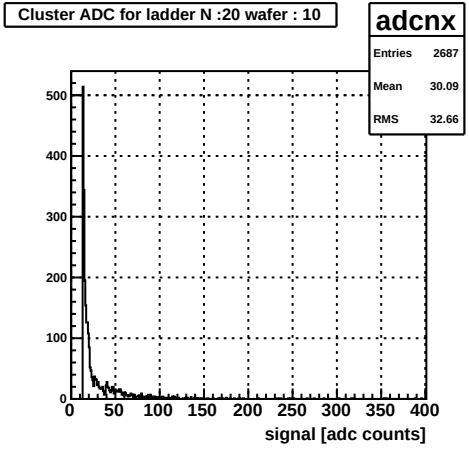

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 215
Mean 50.72
RMS 54.6
signal [adc counts]

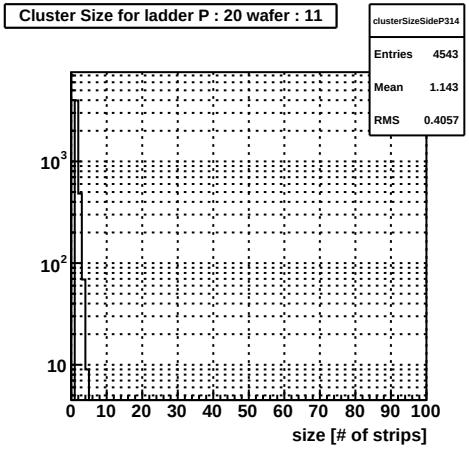

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 6137
Mean 1.054
RMS 0.2572
size [# of strips]

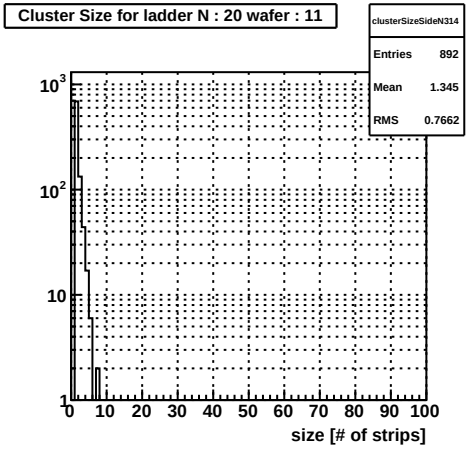

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 2687
Mean 1.171
RMS 0.5159
size [# of strips]

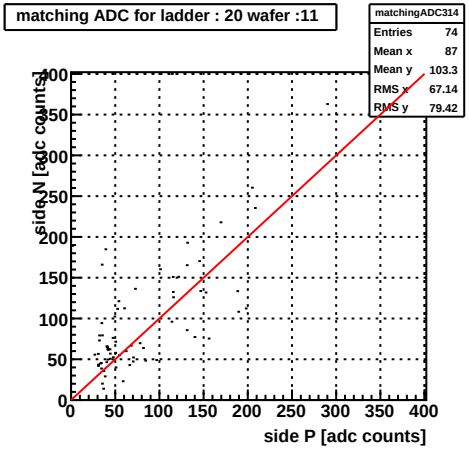

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 90
Mean x 62.36
Mean y 74.84
RMS x 61.58
RMS y 69.57
side N [adc counts]
side P [adc counts]

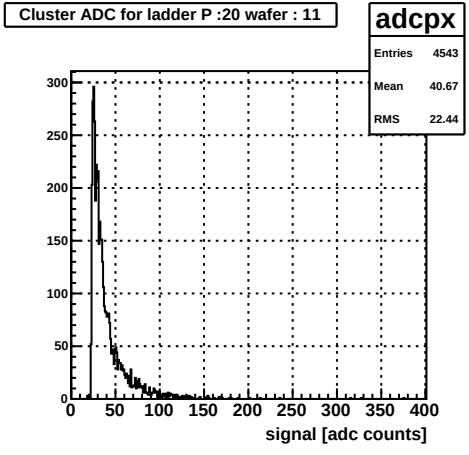

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 6137
Mean 27.33
RMS 13.49
signal [adc counts]

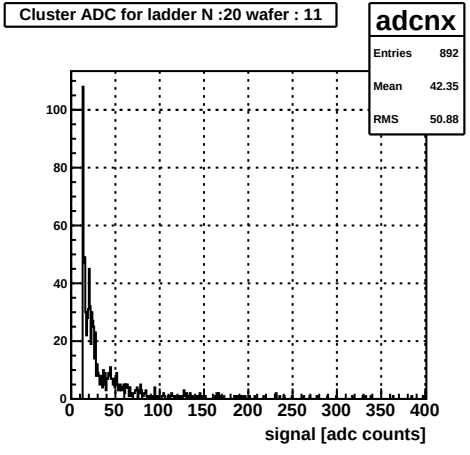

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 2687
Mean 30.09
RMS 32.66
signal [adc counts]

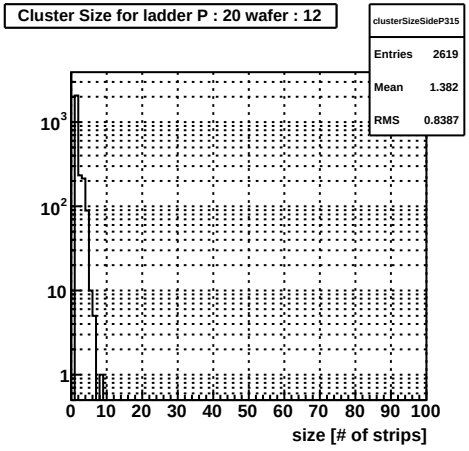

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 4543
Mean 1.143
RMS 0.4057
size [# of strips]

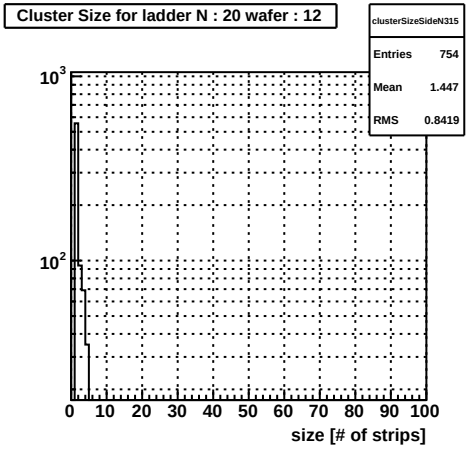

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 892
Mean 1.345
RMS 0.7662
size [# of strips]

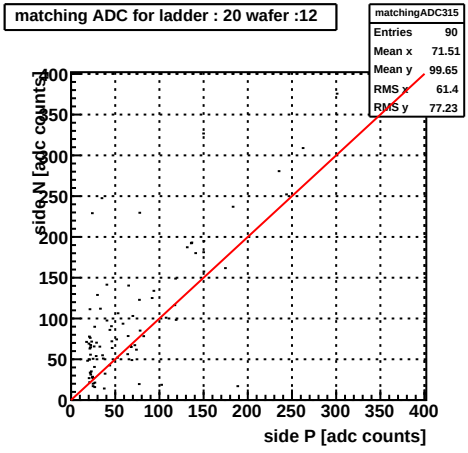

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 74
Mean x 87
Mean y 103.3
RMS x 67.14
RMS y 79.42
side N [adc counts]
side P [adc counts]

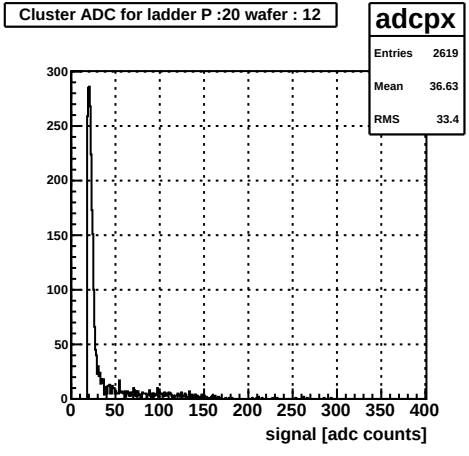

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 4543
Mean 40.67
RMS 22.44
signal [adc counts]

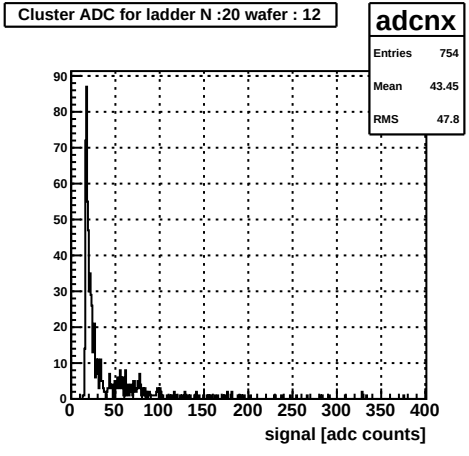

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 892
Mean 42.35
RMS 50.88
signal [adc counts]

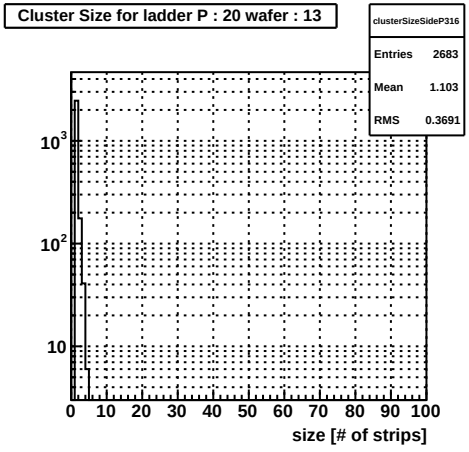

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 2619
Mean 1.382
RMS 0.8387
size [# of strips]

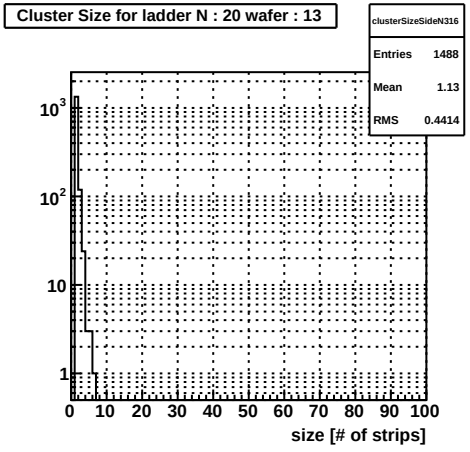

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 754
Mean 1.447
RMS 0.8419
size [# of strips]

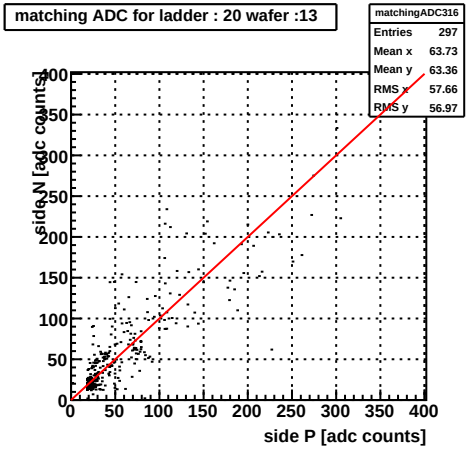

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 90
Mean x 71.51
Mean y 99.65
RMS x 61.4
RMS y 77.23
side N [adc counts]
side P [adc counts]

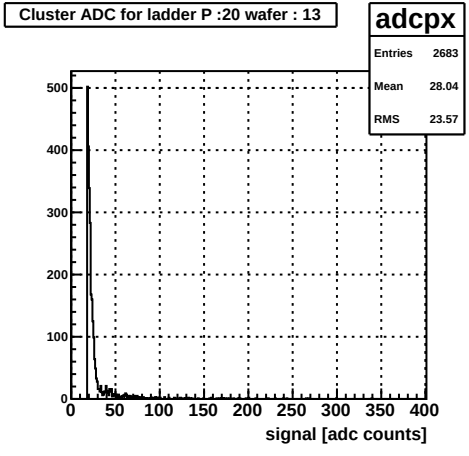

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 2619
Mean 36.63
RMS 33.4
signal [adc counts]

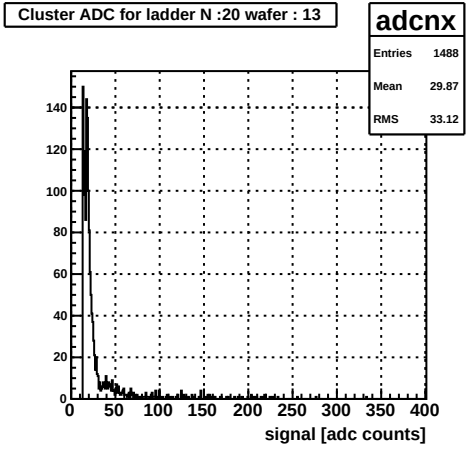

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 754
Mean 43.45
RMS 47.8
signal [adc counts]

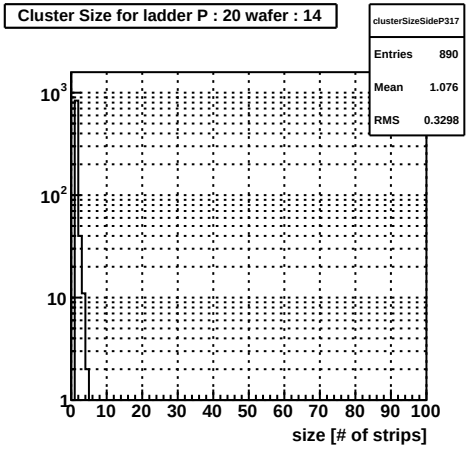

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 2683
Mean 1.103
RMS 0.3691
size [# of strips]

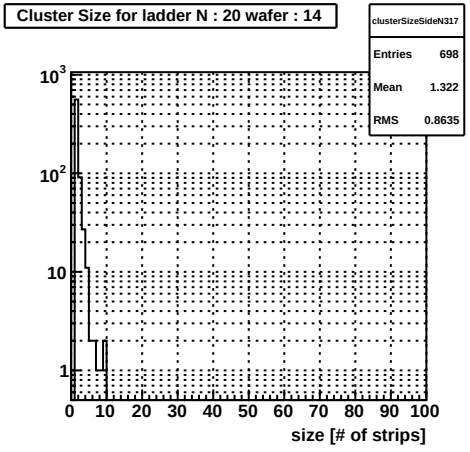

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 1488
Mean 1.13
RMS 0.4414
size [# of strips]

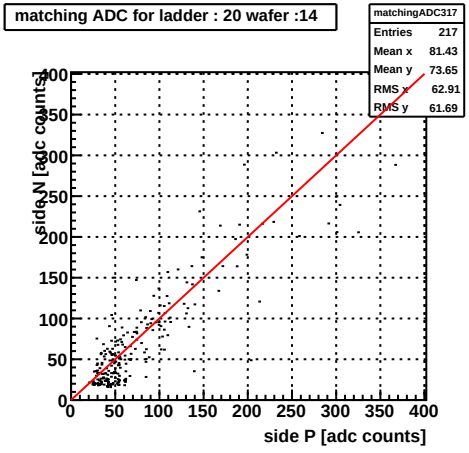

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 297
Mean x 63.73
Mean y 63.36
RMS x 57.66
RMS y 56.97
side N [adc counts]
side P [adc counts]

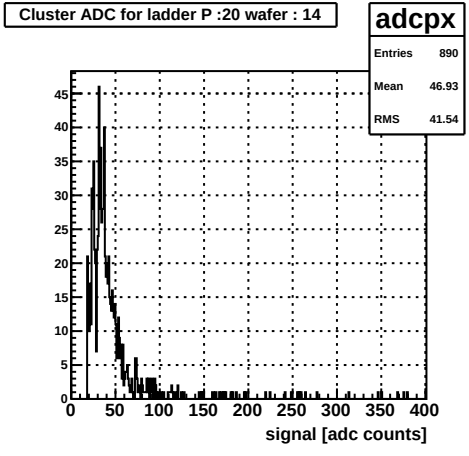

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 2683
Mean 28.04
RMS 23.57
signal [adc counts]

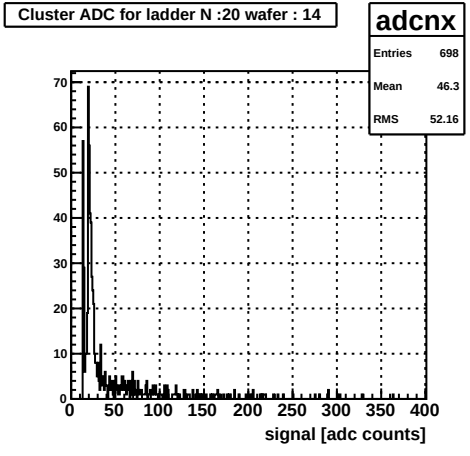

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 1488
Mean 29.87
RMS 33.12
signal [adc counts]

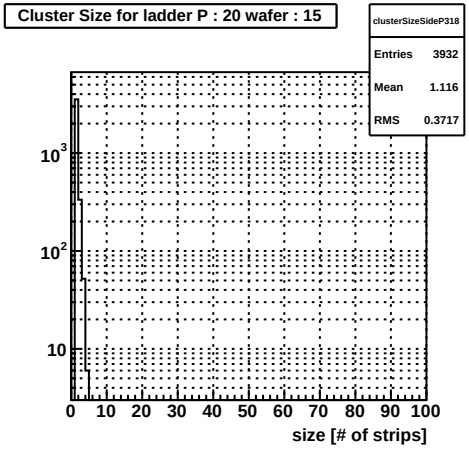

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 890
Mean 1.076
RMS 0.3298
size [# of strips]

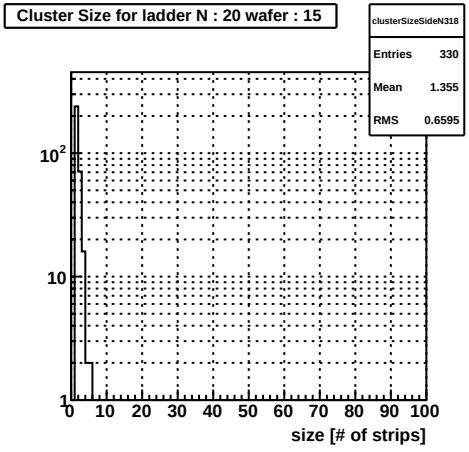

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 698
Mean 1.322
RMS 0.8635
size [# of strips]

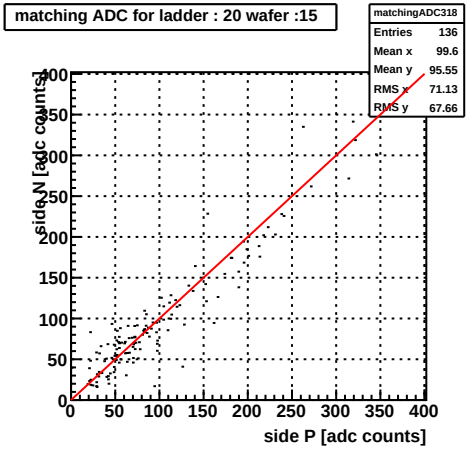

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 217
Mean x 81.43
Mean y 73.65
RMS x 62.91
RMS y 61.69
side N [adc counts]
side P [adc counts]

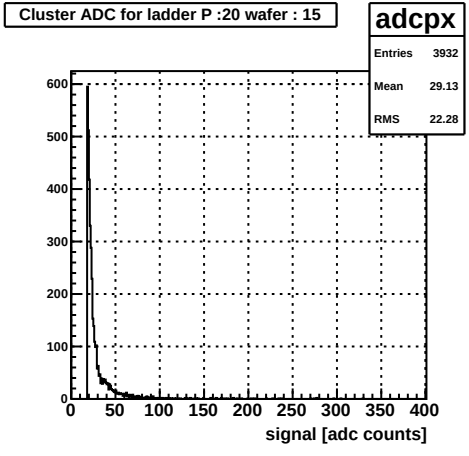

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 890
Mean 46.93
RMS 41.54
signal [adc counts]

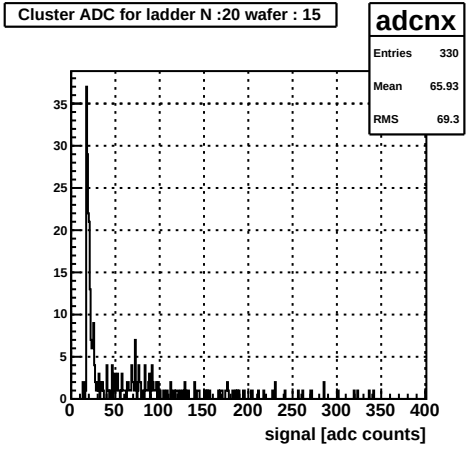

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 698
Mean 46.3
RMS 52.16
signal [adc counts]

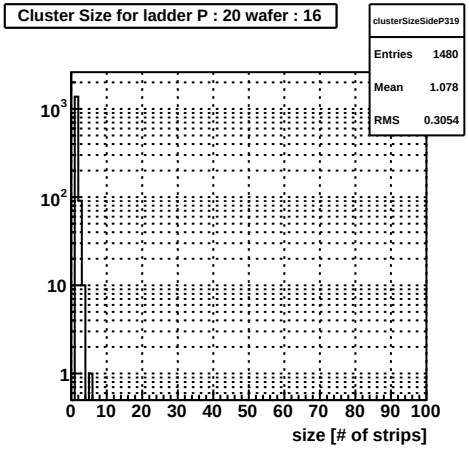

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 3932
Mean 1.116
RMS 0.3717
size [# of strips]

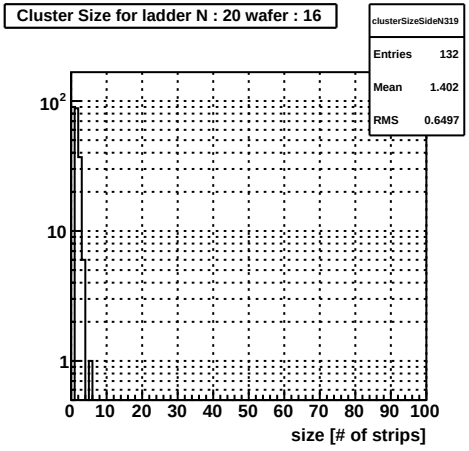

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 330
Mean 1.355
RMS 0.6595
size [# of strips]

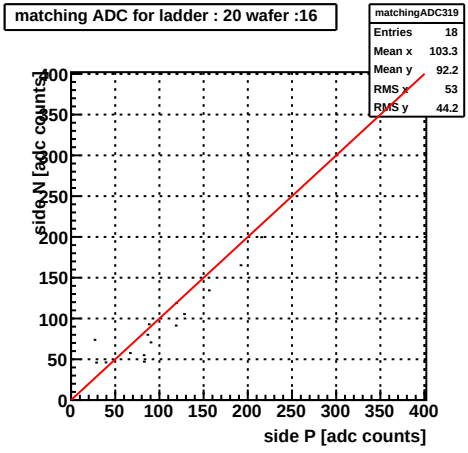

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 136
Mean x 99.6
Mean y 95.55
RMS x 71.13
RMS y 67.66
side N [adc counts]
side P [adc counts]

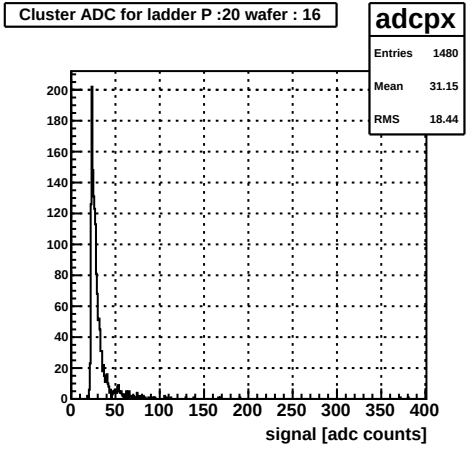

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 3932
Mean 29.13
RMS 22.28
signal [adc counts]

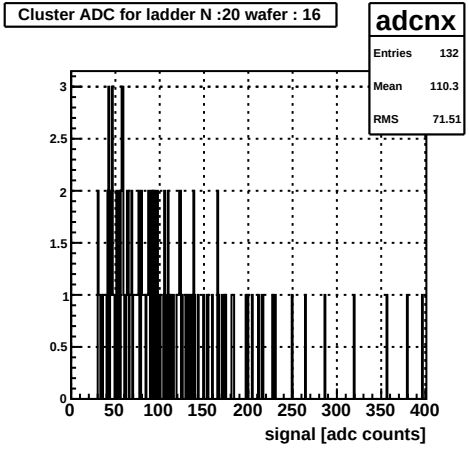

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 330
Mean 65.93
RMS 69.3
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 1480
Mean 1.078
RMS 0.3054
size [# of strips]

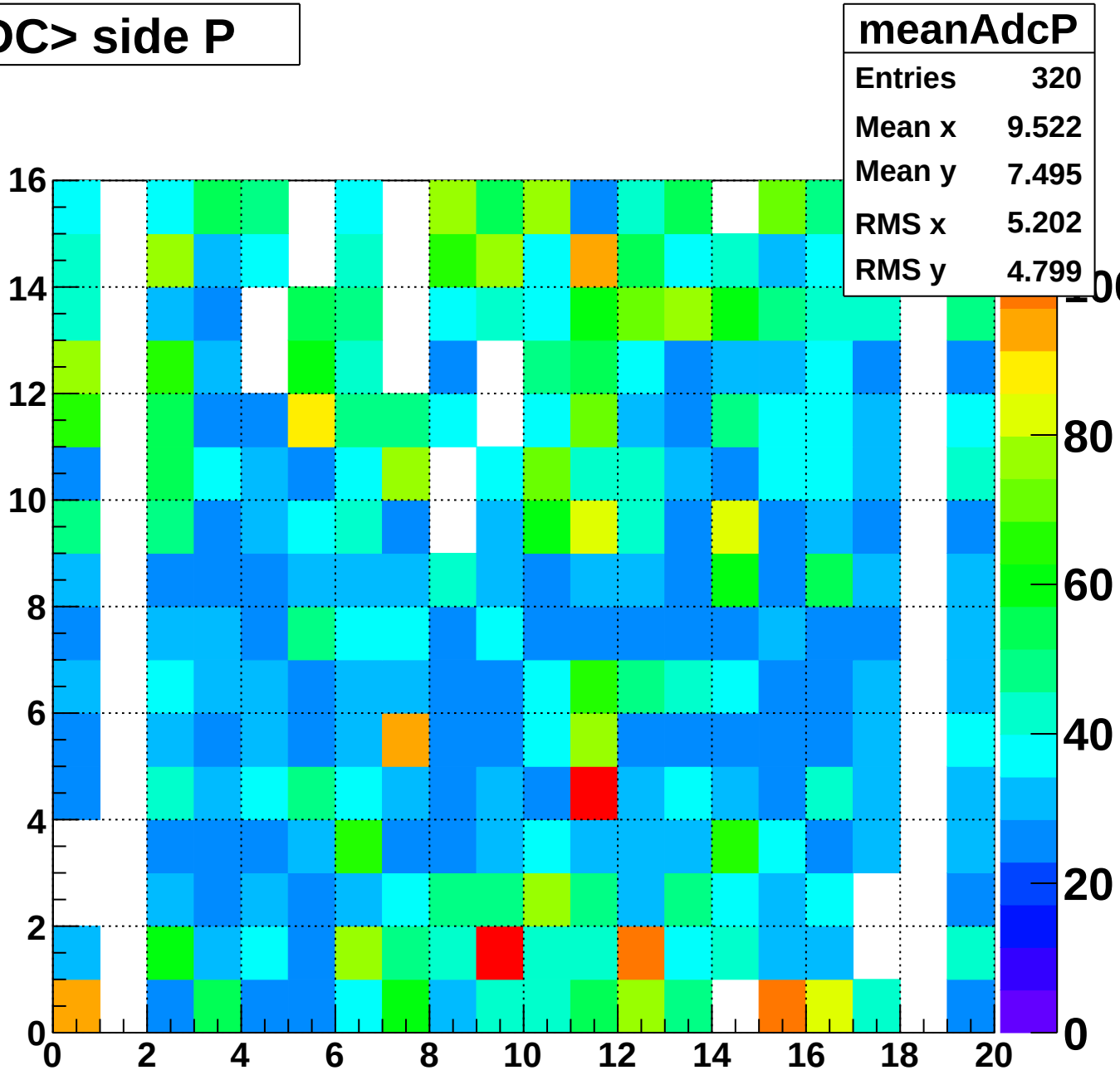

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 132
Mean 1.402
RMS 0.6497
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 18
Mean x 103.3
Mean y 92.2
RMS x 53
RMS y 44.2
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 1480
Mean 31.15
RMS 18.44
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 132
Mean 110.3
RMS 71.51
signal [adc counts]

<ADC> side P



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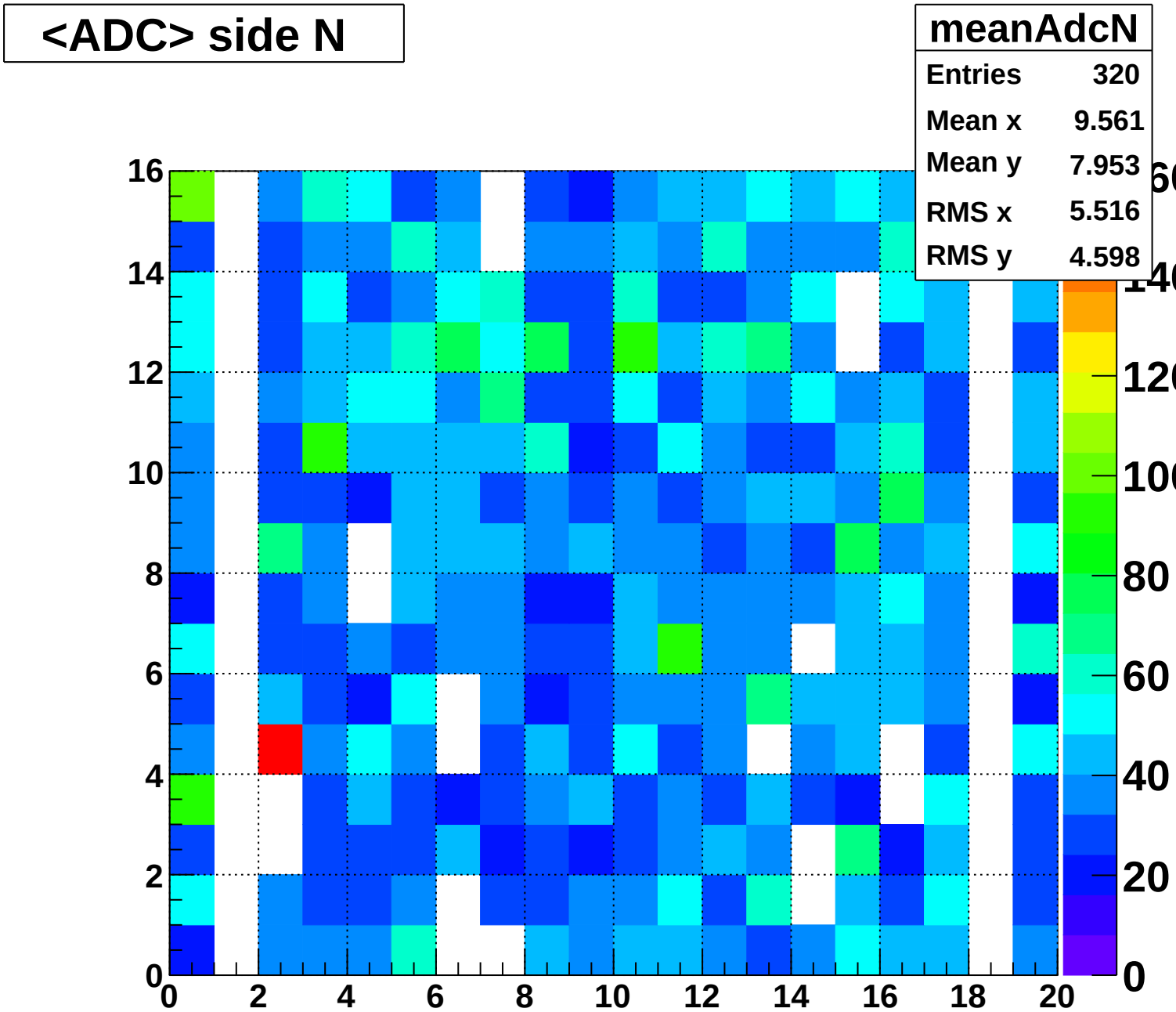

2016-05-24 03:21:35