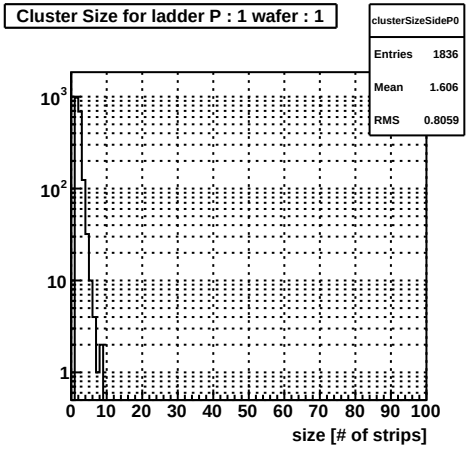
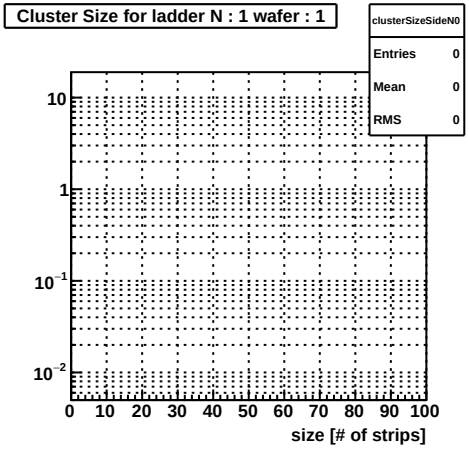
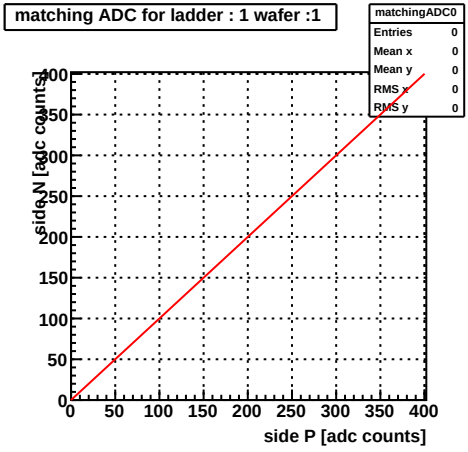
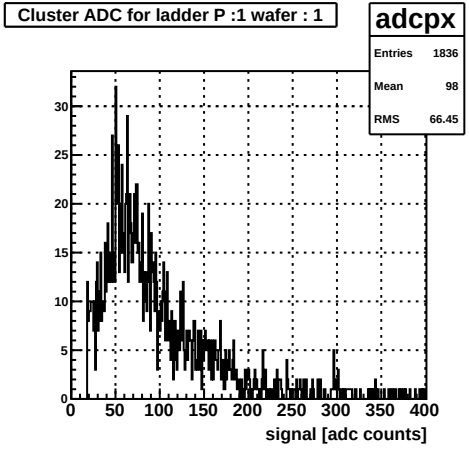
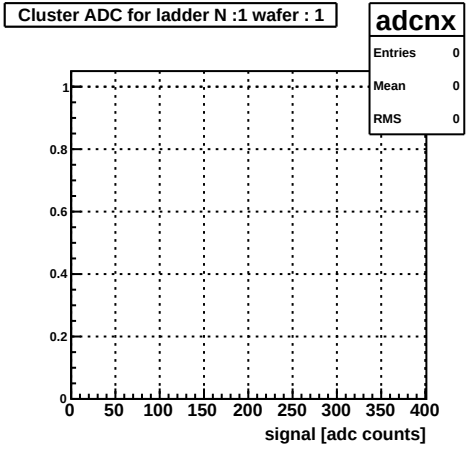
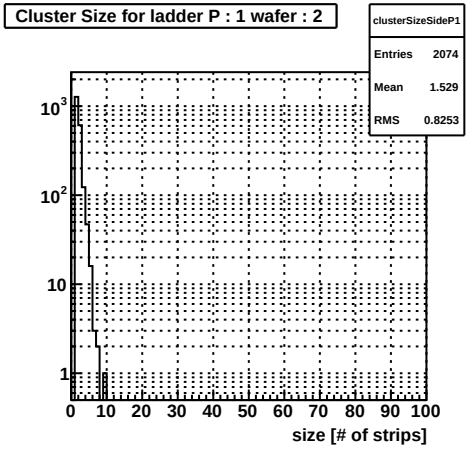

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1836
Mean 1.606
RMS 0.8059
size [# of strips]

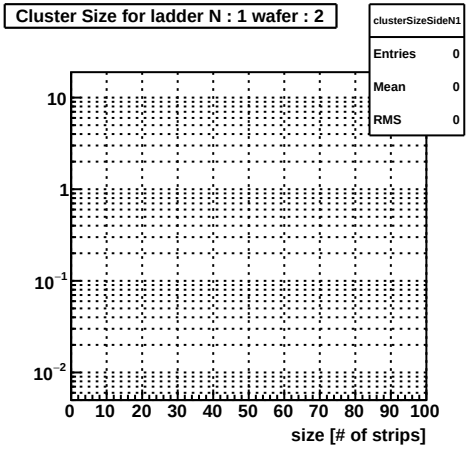

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

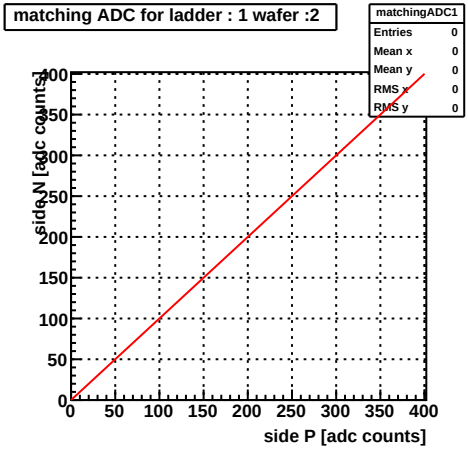

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

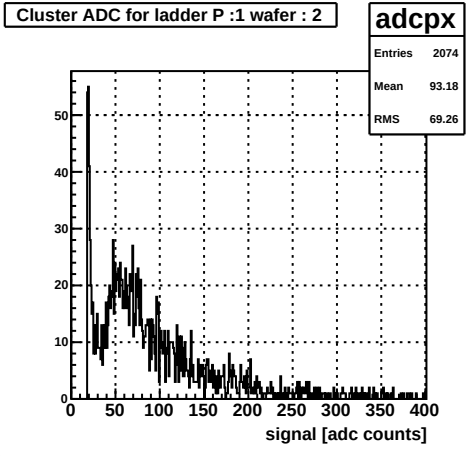

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1836
Mean 98
RMS 66.45
signal [adc counts]

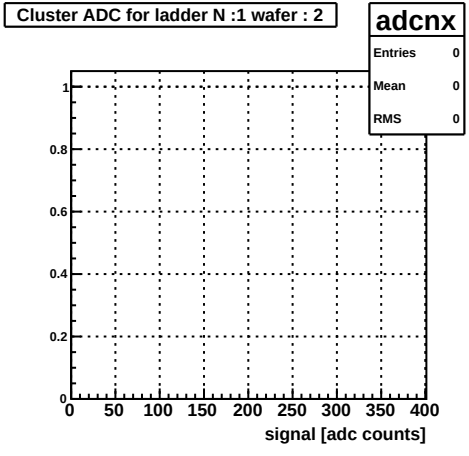

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

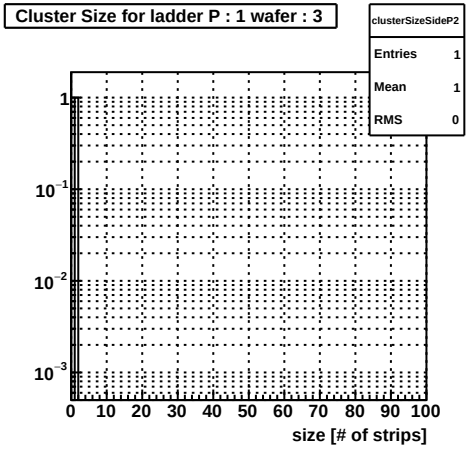

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 2074
Mean 1.529
RMS 0.8253
size [# of strips]

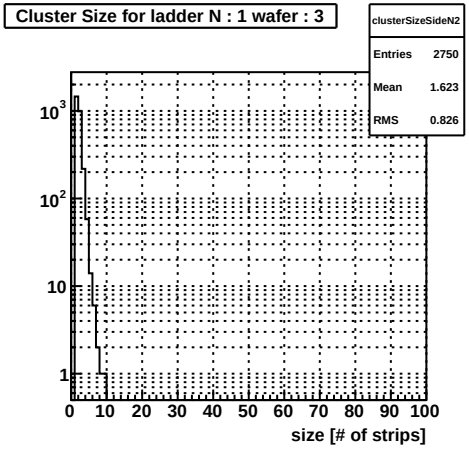

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

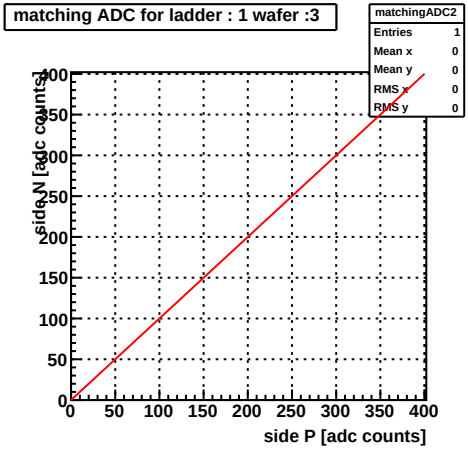

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

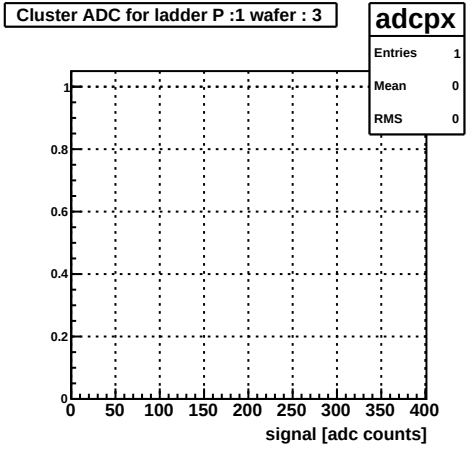

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 2074
Mean 93.18
RMS 69.26
signal [adc counts]

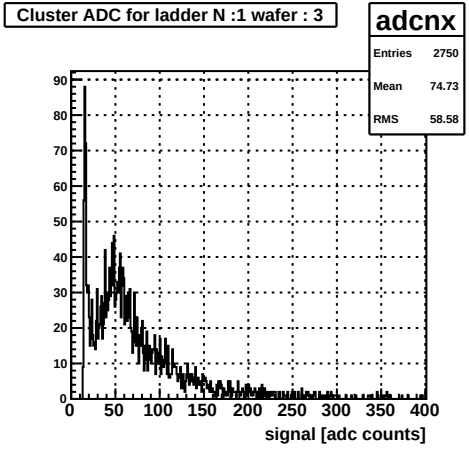

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

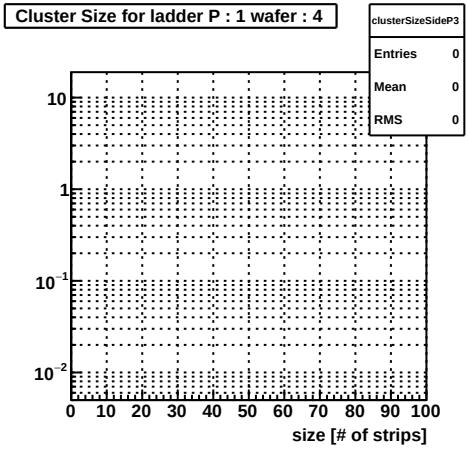

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

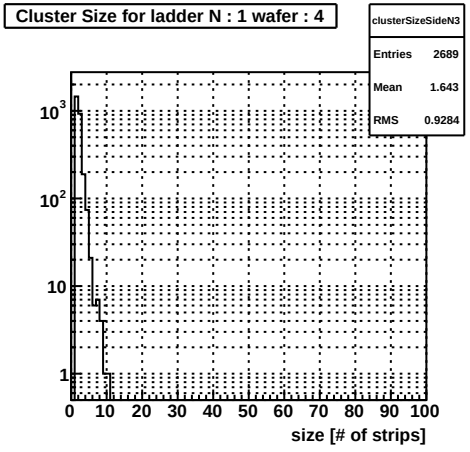

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 2750
Mean 1.623
RMS 0.826
size [# of strips]

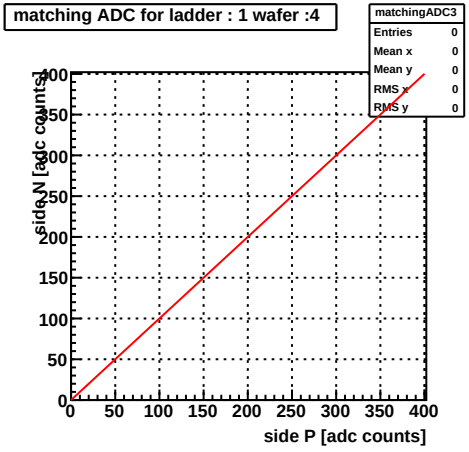

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

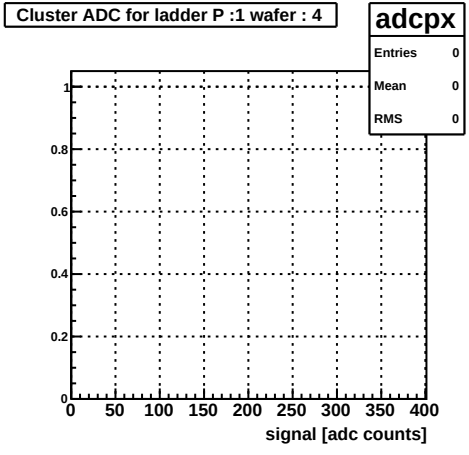

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

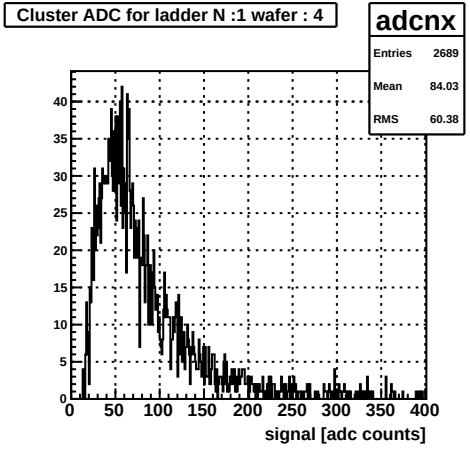

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 2750
Mean 74.73
RMS 58.58
signal [adc counts]

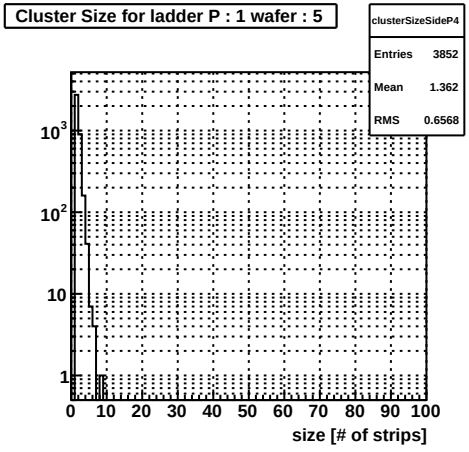

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

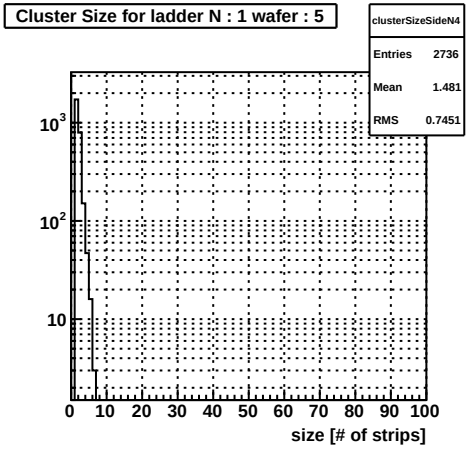

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 2689
Mean 1.643
RMS 0.9284
size [# of strips]

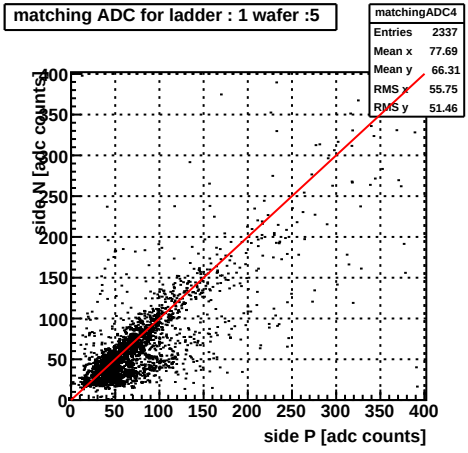

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

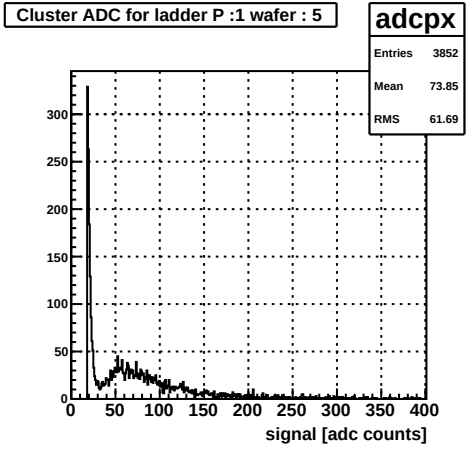

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

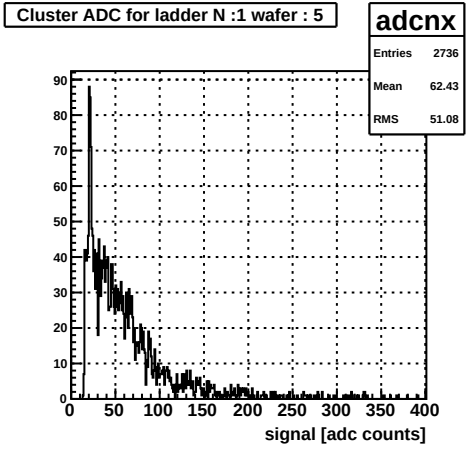

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 2689
Mean 84.03
RMS 60.38
signal [adc counts]

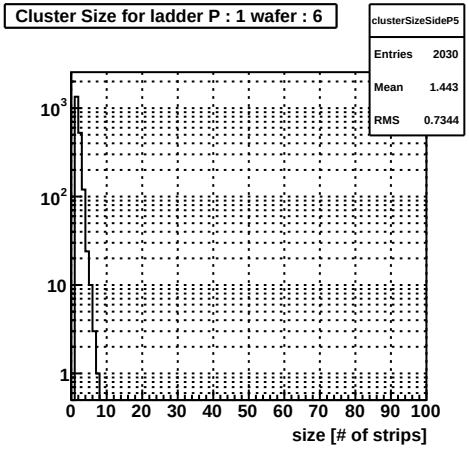

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 3852
Mean 1.362
RMS 0.6568
size [# of strips]

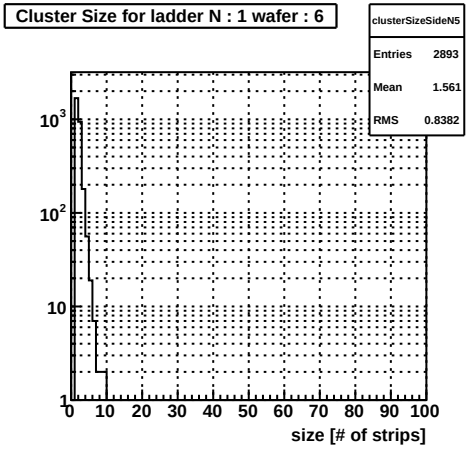

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 2736
Mean 1.481
RMS 0.7451
size [# of strips]

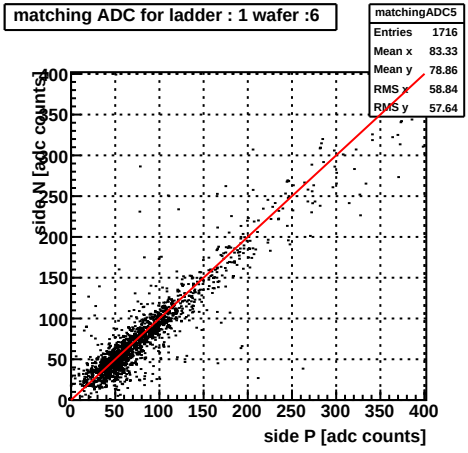

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 2337
Mean x 77.69
Mean y 66.31
RMS x 55.75
RMS y 51.46
side N [adc counts]
side P [adc counts]

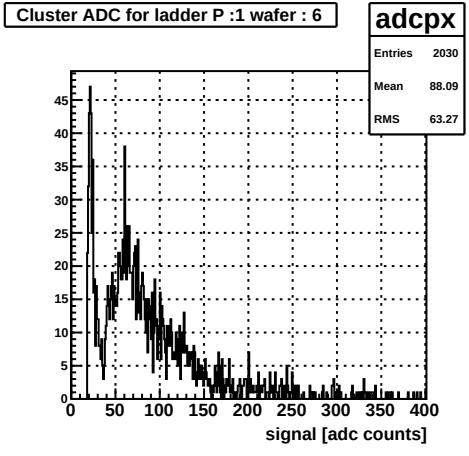

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 3852
Mean 73.85
RMS 61.69
signal [adc counts]

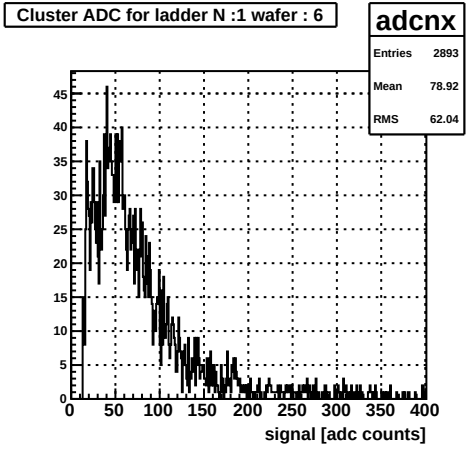

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 2736
Mean 62.43
RMS 51.08
signal [adc counts]

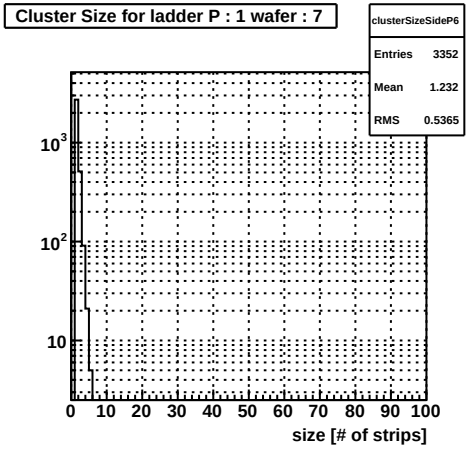

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 2030
Mean 1.443
RMS 0.7344
size [# of strips]

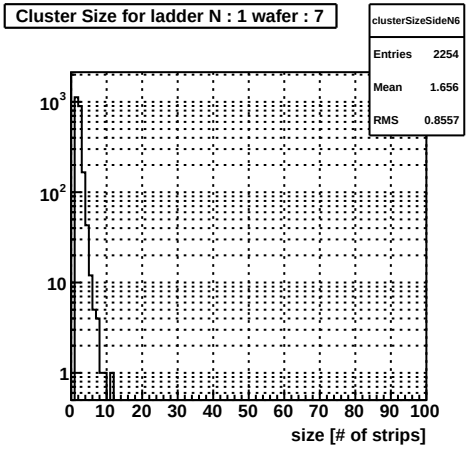

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 2893
Mean 1.561
RMS 0.8382
size [# of strips]

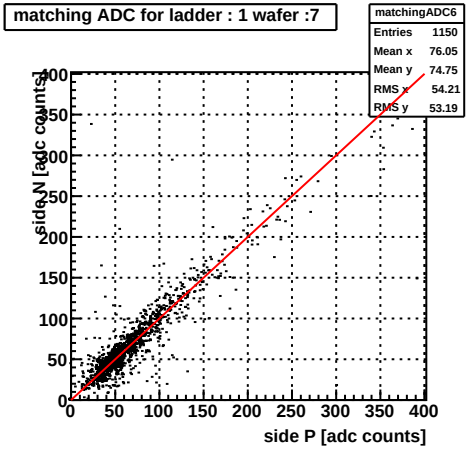

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1716
Mean x 83.33
Mean y 78.86
RMS x 58.84
RMS y 57.64
side N [adc counts]
side P [adc counts]

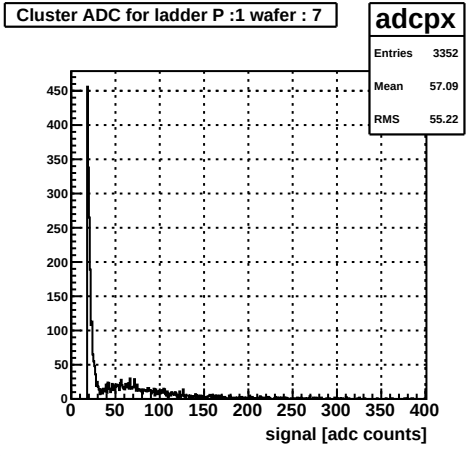

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 2030
Mean 88.09
RMS 63.27
signal [adc counts]

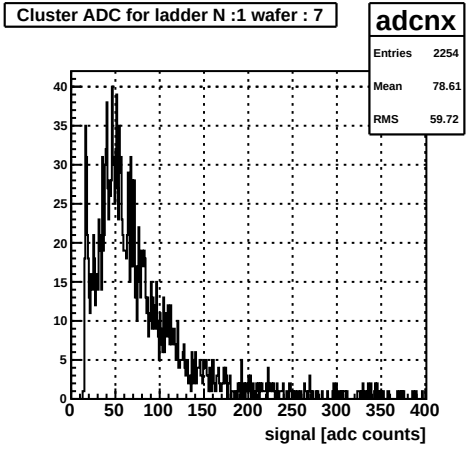

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 2893
Mean 78.92
RMS 62.04
signal [adc counts]

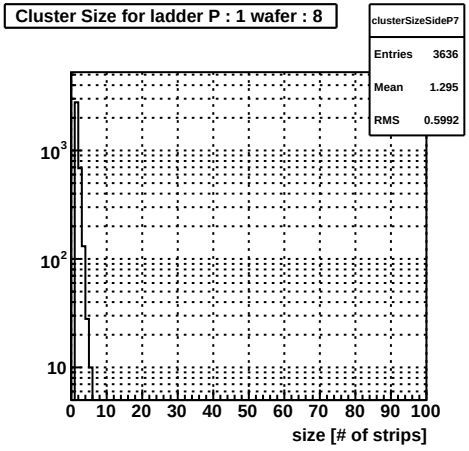

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 3352
Mean 1.232
RMS 0.5365
size [# of strips]

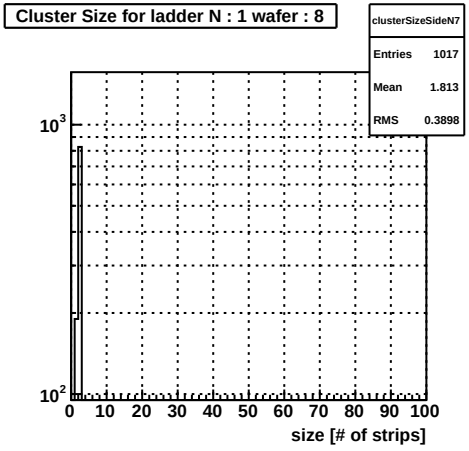

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2254
Mean 1.656
RMS 0.8557
size [# of strips]

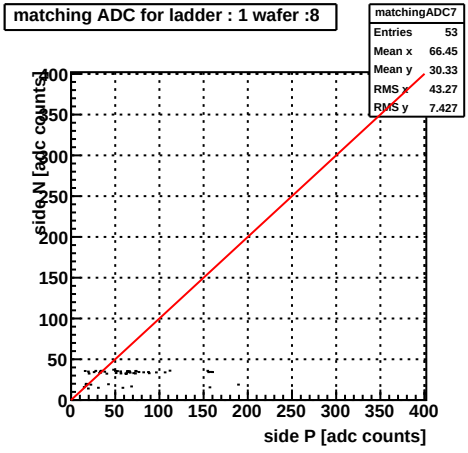

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 1150
Mean x 76.05
Mean y 74.75
RMS x 54.21
RMS y 53.19
side N [adc counts]
side P [adc counts]

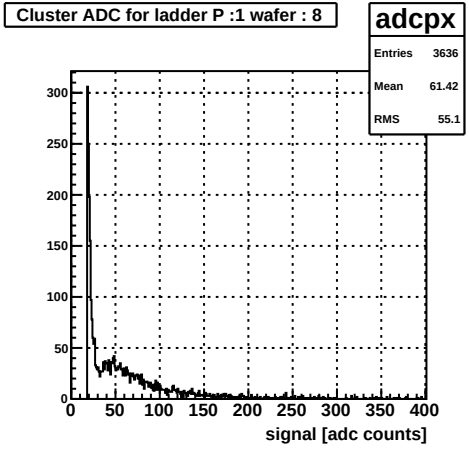

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 3352
Mean 57.09
RMS 55.22
signal [adc counts]

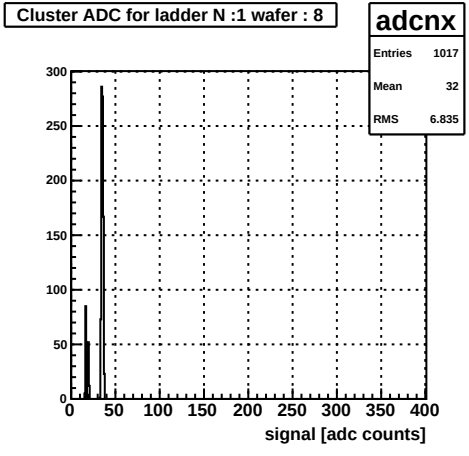

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2254
Mean 78.61
RMS 59.72
signal [adc counts]

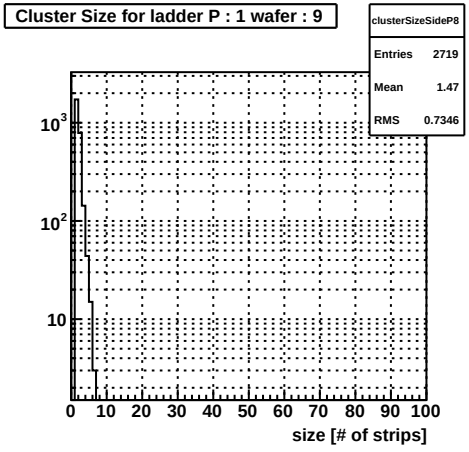

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 3636
Mean 1.295
RMS 0.5992
size [# of strips]

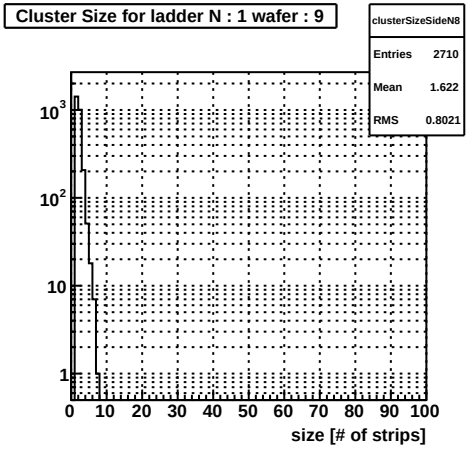

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 1017
Mean 1.813
RMS 0.3898
size [# of strips]

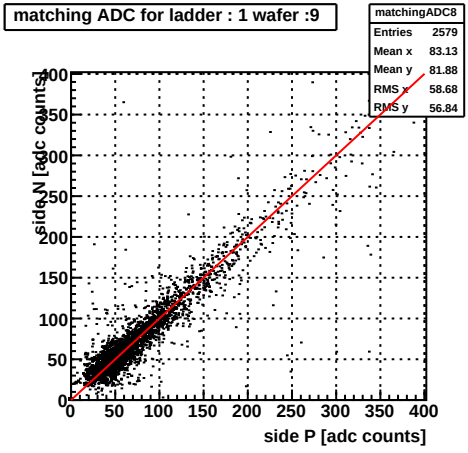

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 53
Mean x 66.45
Mean y 30.33
RMS x 43.27
RMS y 7.427
side N [adc counts]
side P [adc counts]

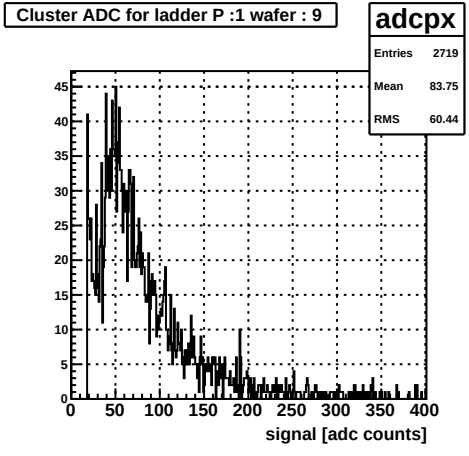

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 3636
Mean 61.42
RMS 55.1
signal [adc counts]

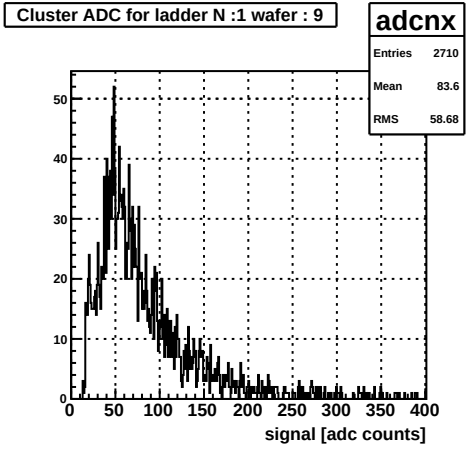

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 1017
Mean 32
RMS 6.835
signal [adc counts]

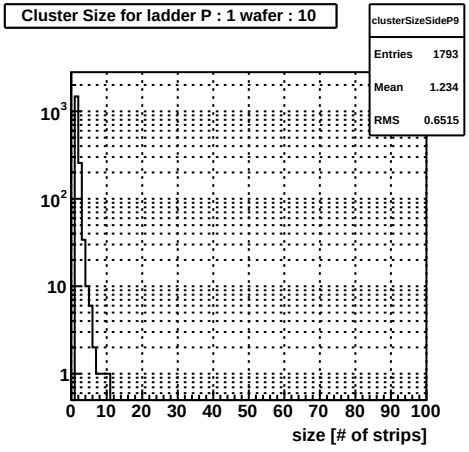

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 2719
Mean 1.47
RMS 0.7346
size [# of strips]

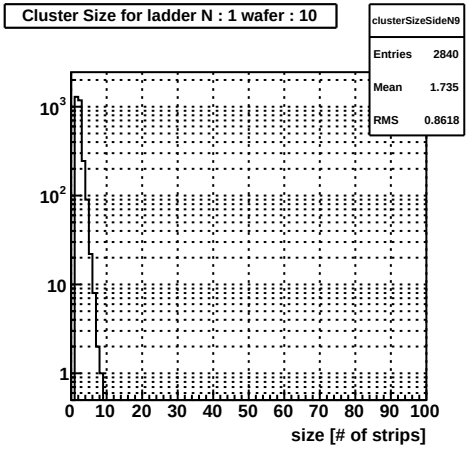

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2710
Mean 1.622
RMS 0.8021
size [# of strips]

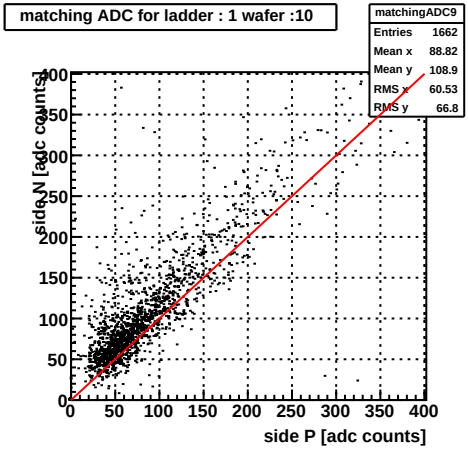

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 2579
Mean x 83.13
Mean y 81.88
RMS x 58.68
RMS y 56.84
side N [adc counts]
side P [adc counts]

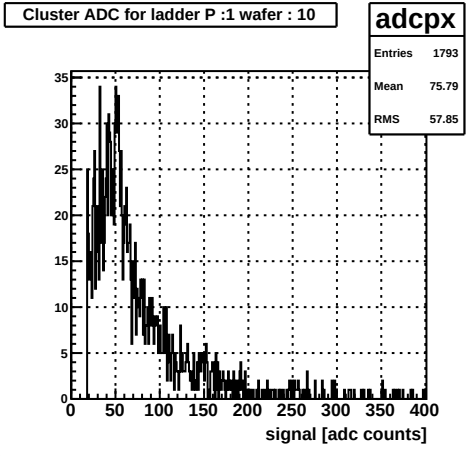

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 2719
Mean 83.75
RMS 60.44
signal [adc counts]

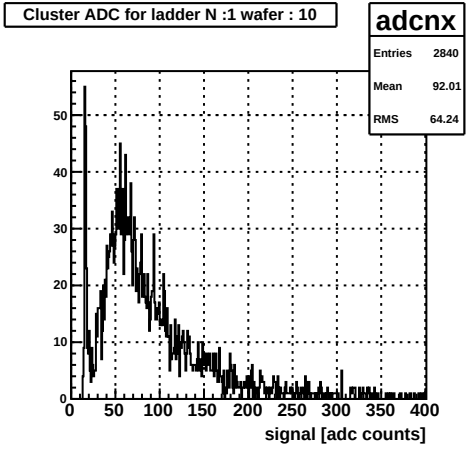

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2710
Mean 83.6
RMS 58.68
signal [adc counts]

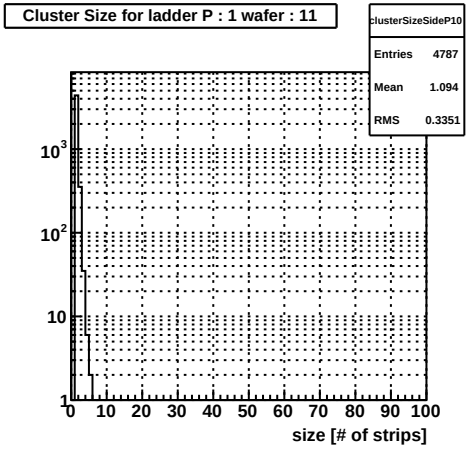

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 1793
Mean 1.234
RMS 0.6515
size [# of strips]

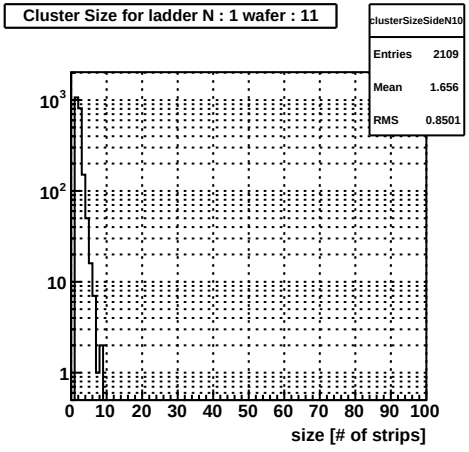

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 2840
Mean 1.735
RMS 0.8618
size [# of strips]

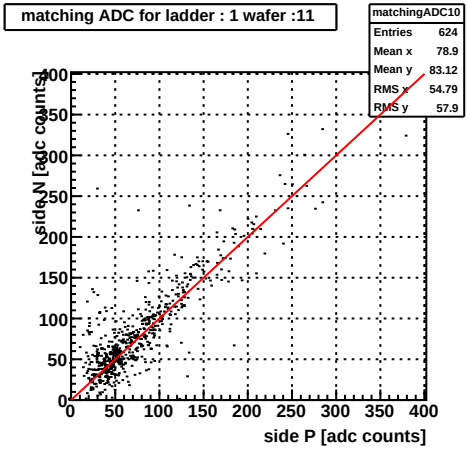

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1662
Mean x 88.82
Mean y 108.9
RMS x 60.53
RMS y 66.8
side N [adc counts]
side P [adc counts]

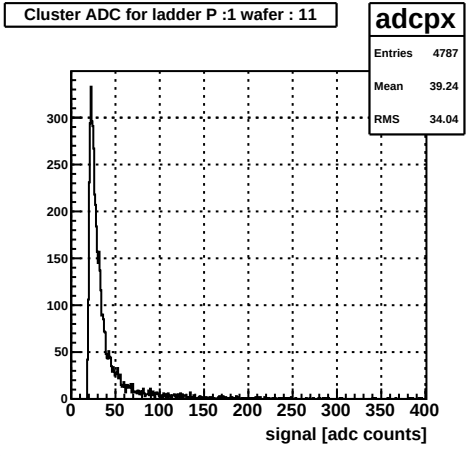

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 1793
Mean 75.79
RMS 57.85
signal [adc counts]

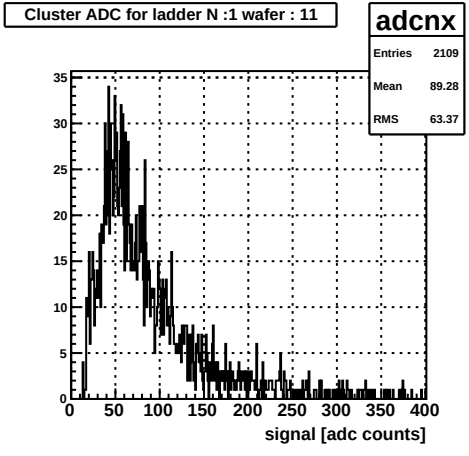

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 2840
Mean 92.01
RMS 64.24
signal [adc counts]

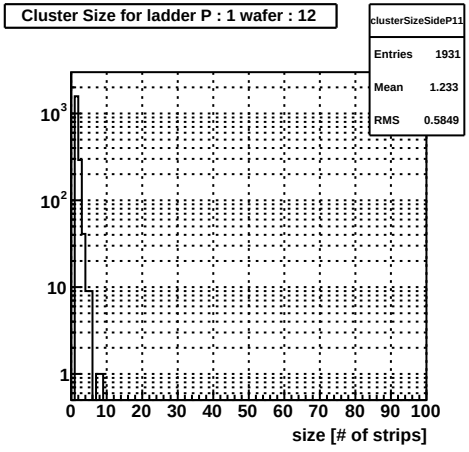

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 4787
Mean 1.094
RMS 0.3351
size [# of strips]

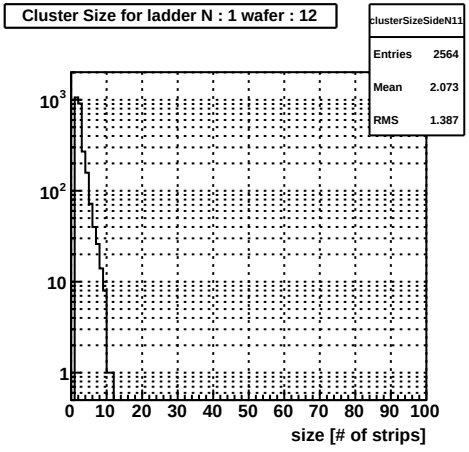

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2109
Mean 1.656
RMS 0.8501
size [# of strips]

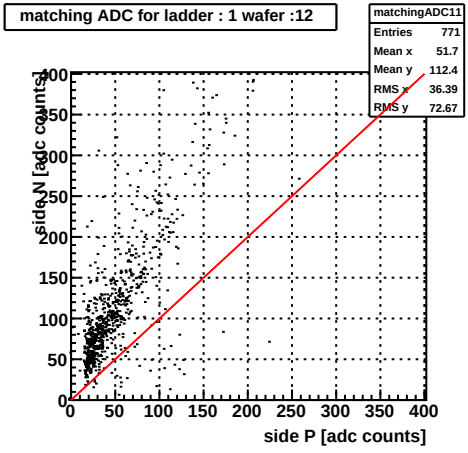

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 624
Mean x 78.9
Mean y 83.12
RMS x 54.79
RMS y 57.9
side N [adc counts]
side P [adc counts]

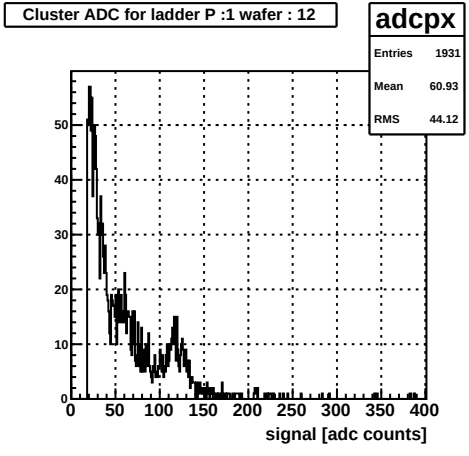

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 4787
Mean 39.24
RMS 34.04
signal [adc counts]

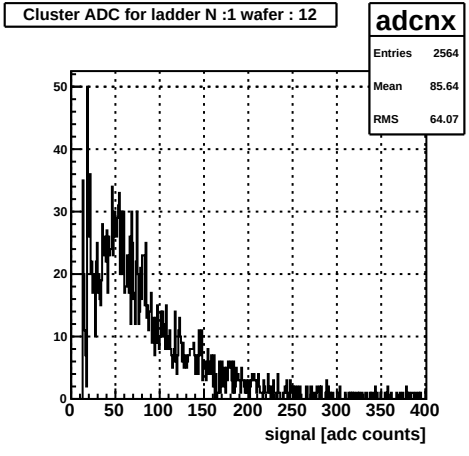

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2109
Mean 89.28
RMS 63.37
signal [adc counts]

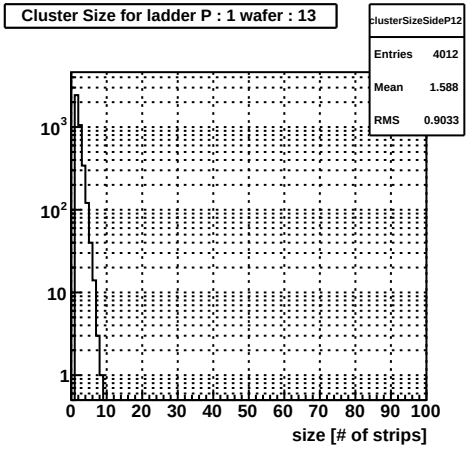

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1931
Mean 1.233
RMS 0.5849
size [# of strips]

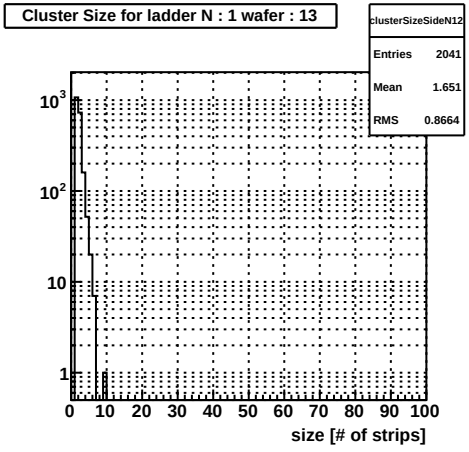

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 2564
Mean 2.073
RMS 1.387
size [# of strips]

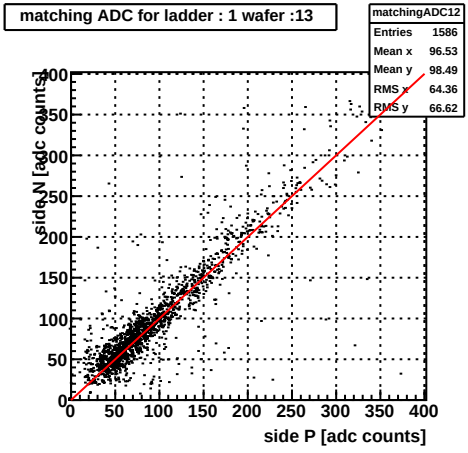

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 771
Mean x 51.7
Mean y 112.4
RMS x 36.39
RMS y 72.67
side N [adc counts]
side P [adc counts]

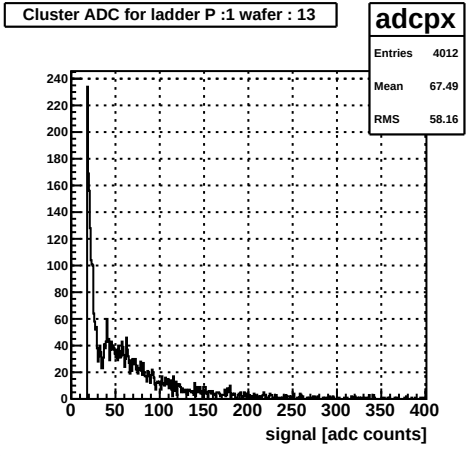

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1931
Mean 60.93
RMS 44.12
signal [adc counts]

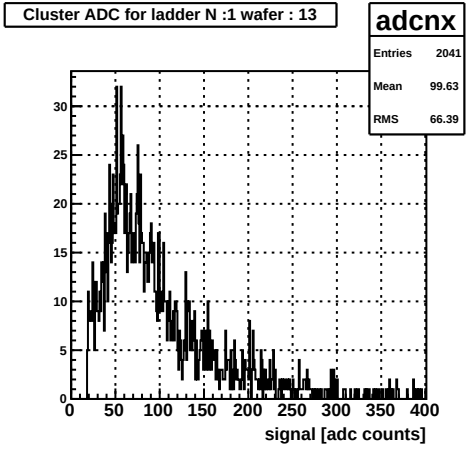

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 2564
Mean 85.64
RMS 64.07
signal [adc counts]

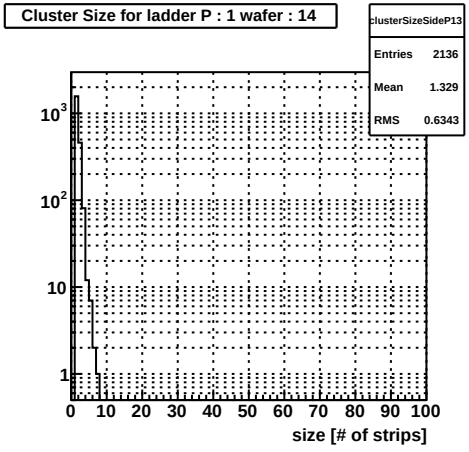

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 4012
Mean 1.588
RMS 0.9033
size [# of strips]

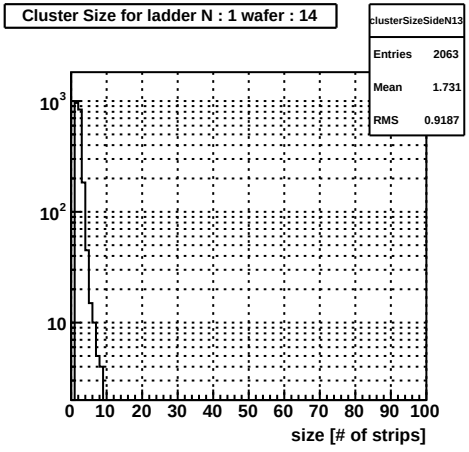

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 2041
Mean 1.651
RMS 0.8664
size [# of strips]

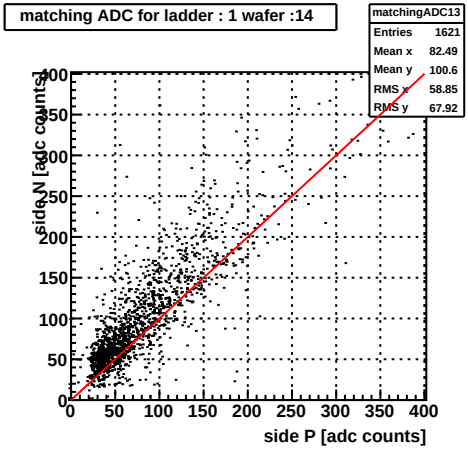

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1586
Mean x 96.53
Mean y 98.49
RMS x 64.36
RMS y 66.62
side N [adc counts]
side P [adc counts]

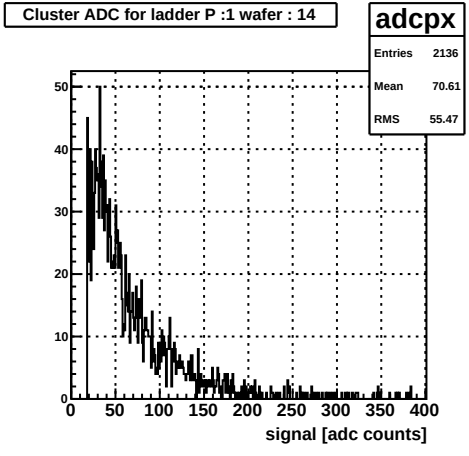

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 4012
Mean 67.49
RMS 58.16
signal [adc counts]

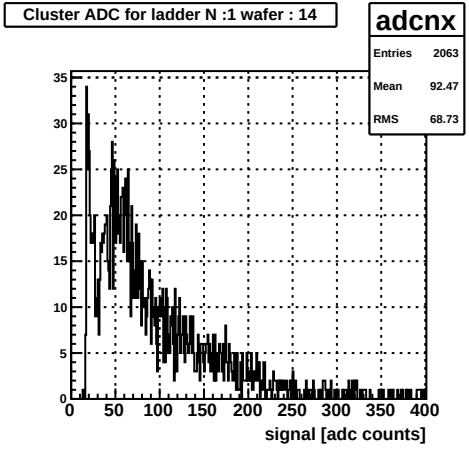

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 2041
Mean 99.63
RMS 66.39
signal [adc counts]

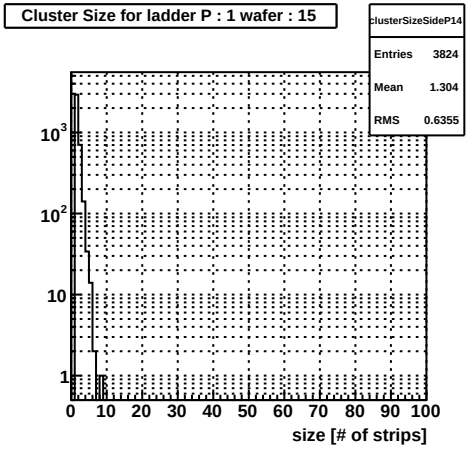

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 2136
Mean 1.329
RMS 0.6343
size [# of strips]

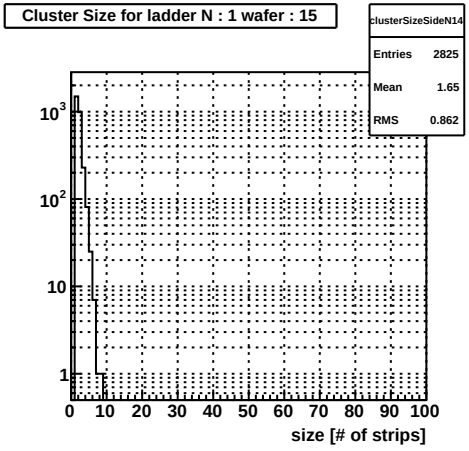

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2063
Mean 1.731
RMS 0.9187
size [# of strips]

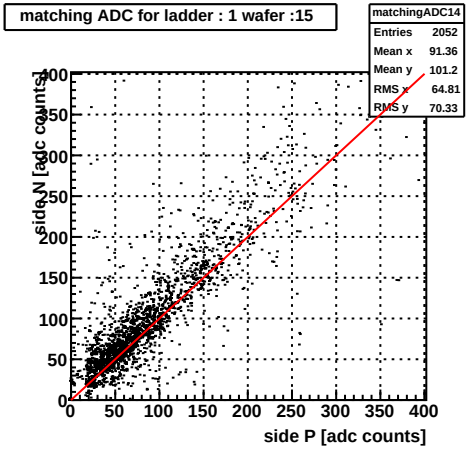

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 1621
Mean x 82.49
Mean y 100.6
RMS x 58.85
RMS y 67.92
side N [adc counts]
side P [adc counts]

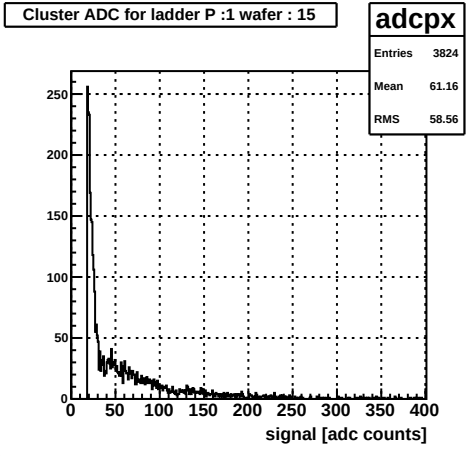

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 2136
Mean 70.61
RMS 55.47
signal [adc counts]

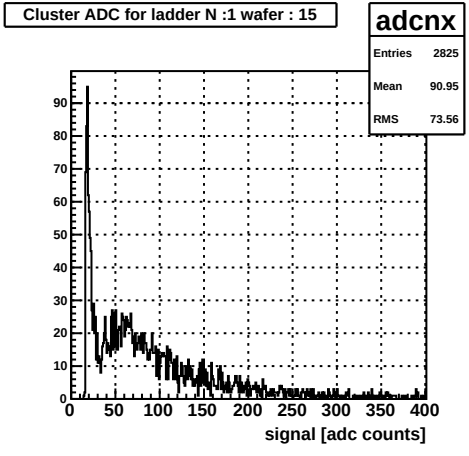

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2063
Mean 92.47
RMS 68.73
signal [adc counts]

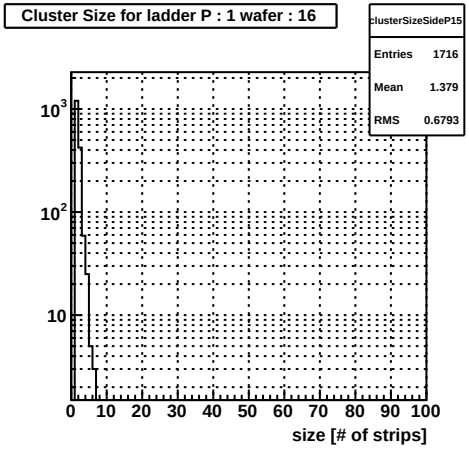

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 3824
Mean 1.304
RMS 0.6355
size [# of strips]

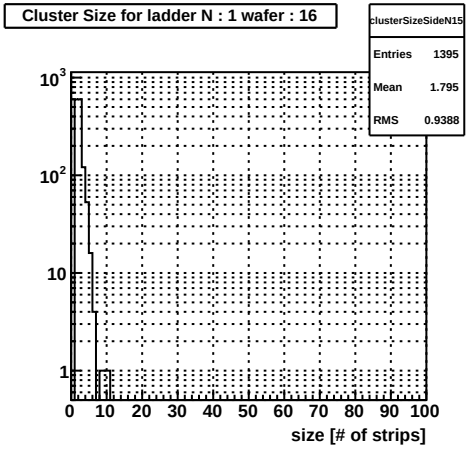

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 2825
Mean 1.65
RMS 0.862
size [# of strips]

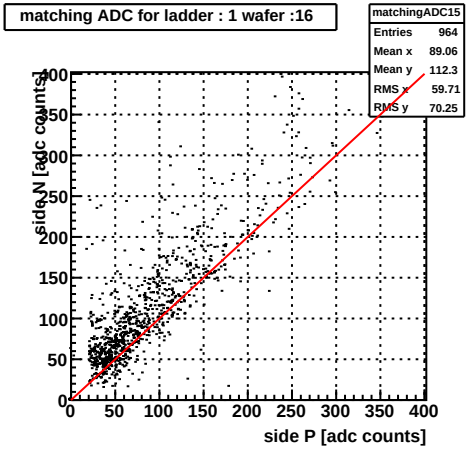

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 2052
Mean x 91.36
Mean y 101.2
RMS x 64.81
RMS y 70.33
side N [adc counts]
side P [adc counts]

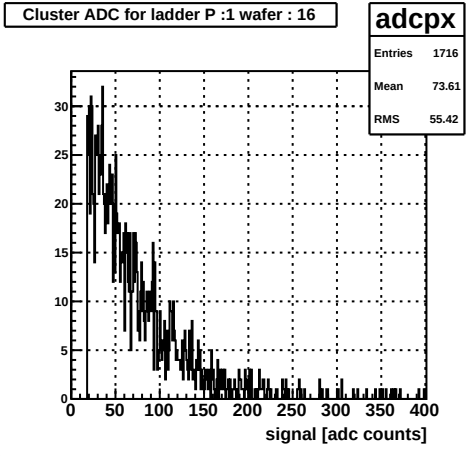

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 3824
Mean 61.16
RMS 58.56
signal [adc counts]

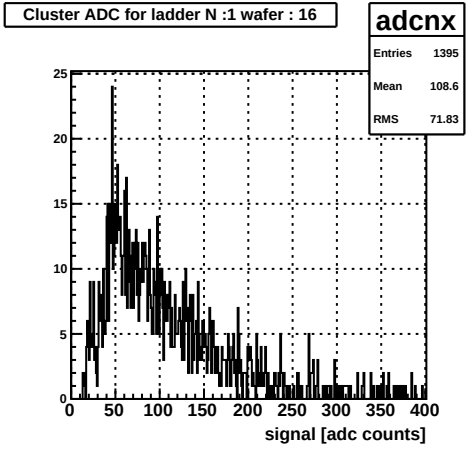

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 2825
Mean 90.95
RMS 73.56
signal [adc counts]

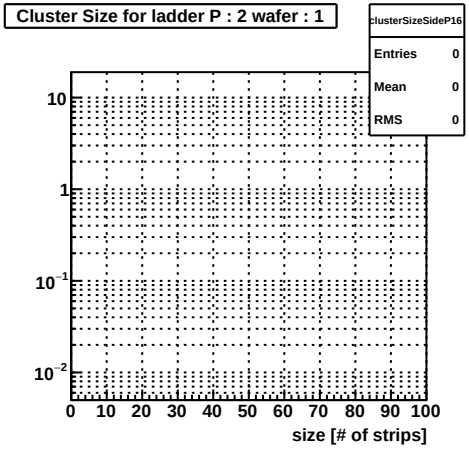

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1716
Mean 1.379
RMS 0.6793
size [# of strips]

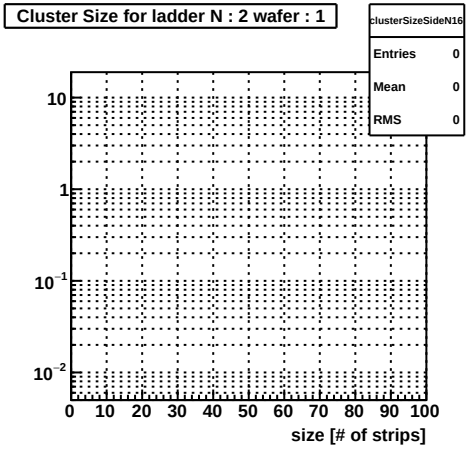

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1395
Mean 1.795
RMS 0.9388
size [# of strips]

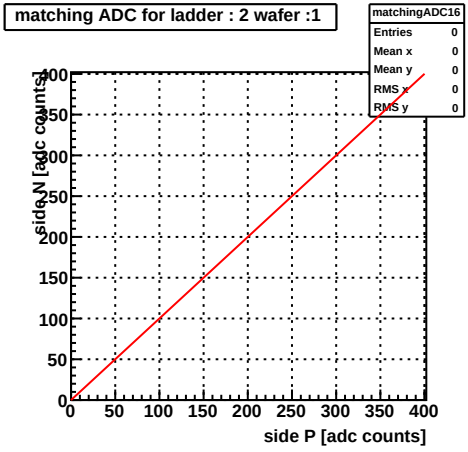

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 964
Mean x 89.06
Mean y 112.3
RMS x 59.71
RMS y 70.25
side N [adc counts]
side P [adc counts]

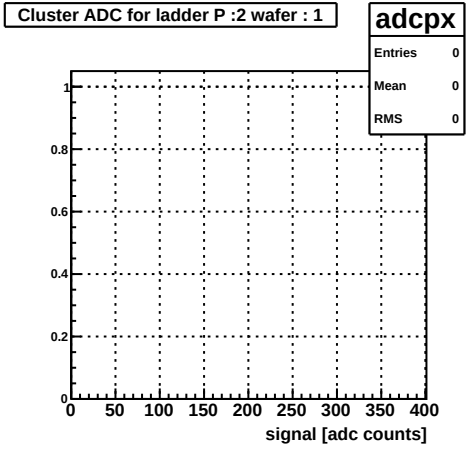

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1716
Mean 73.61
RMS 55.42
signal [adc counts]

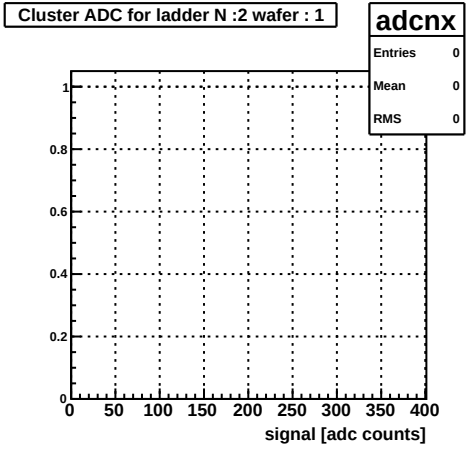

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1395
Mean 108.6
RMS 71.83
signal [adc counts]

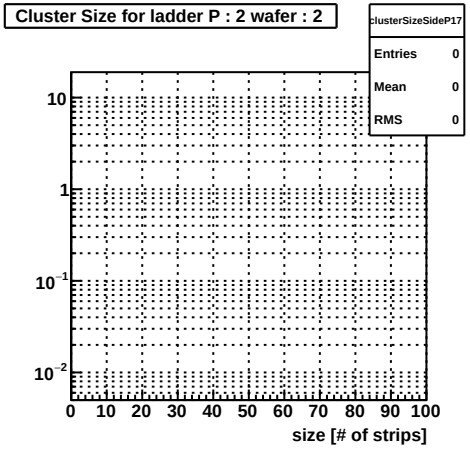

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

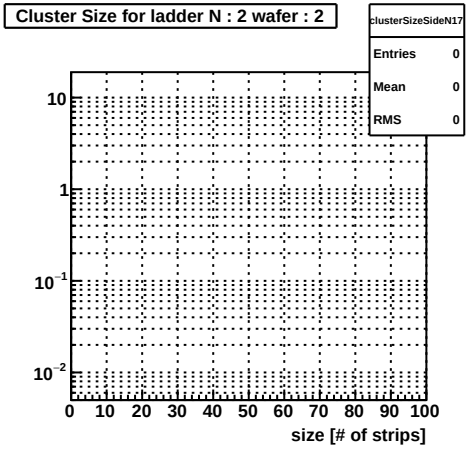

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

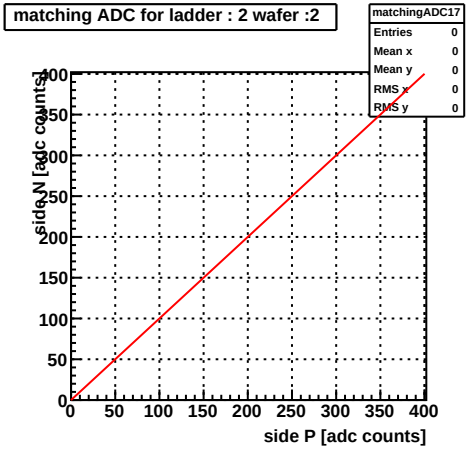

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

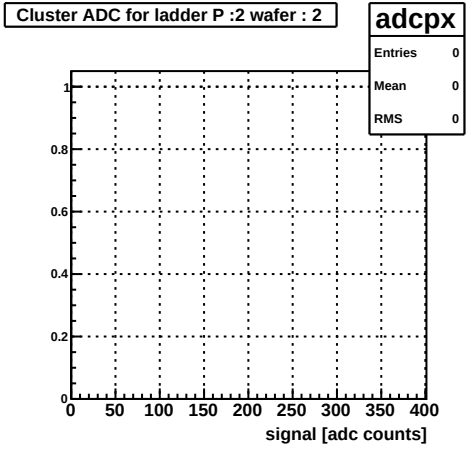

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

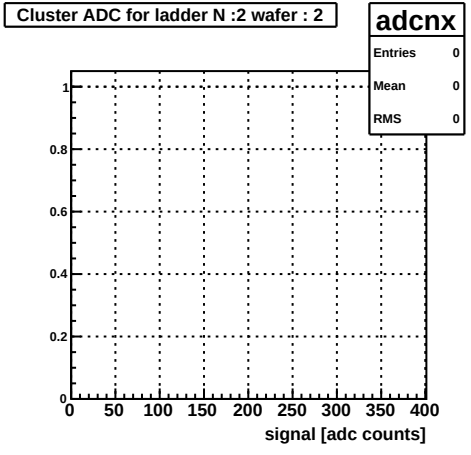

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

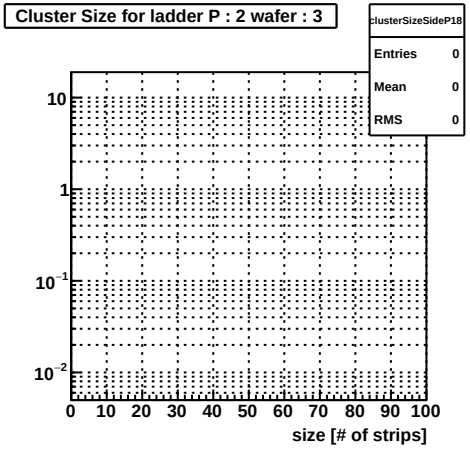

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

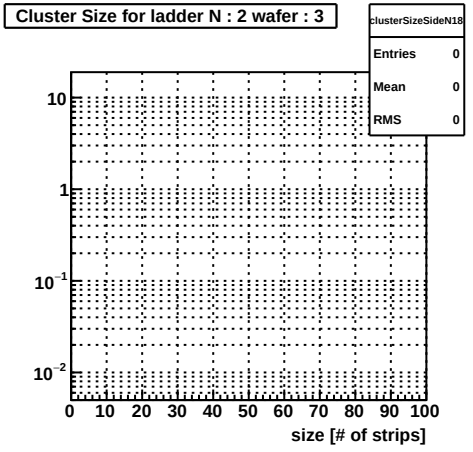

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

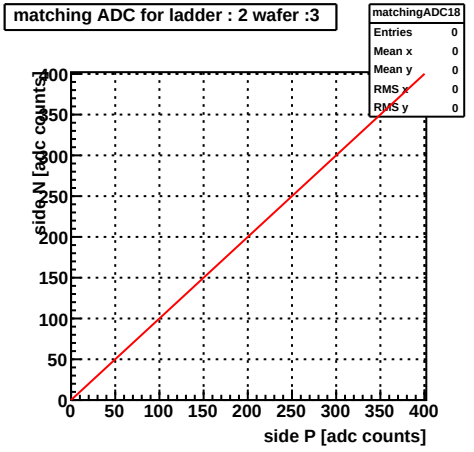

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

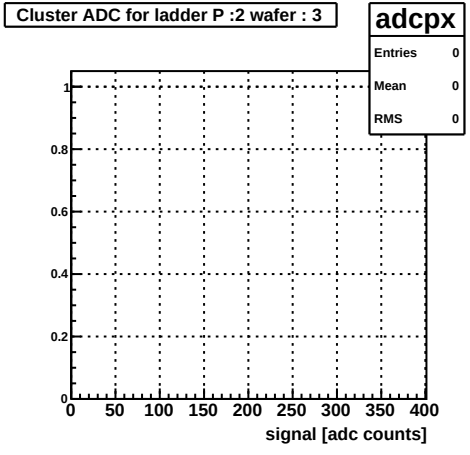

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

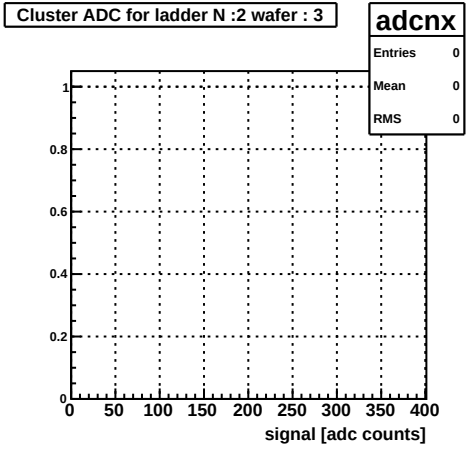

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

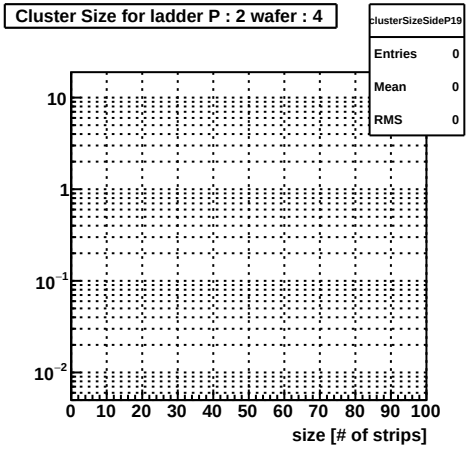

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

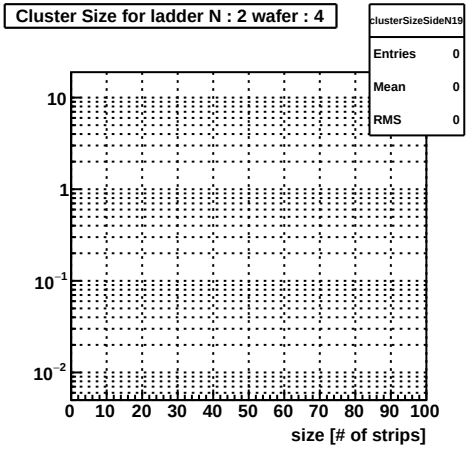

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

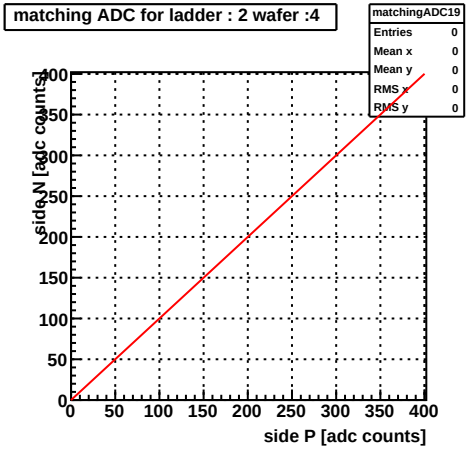

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

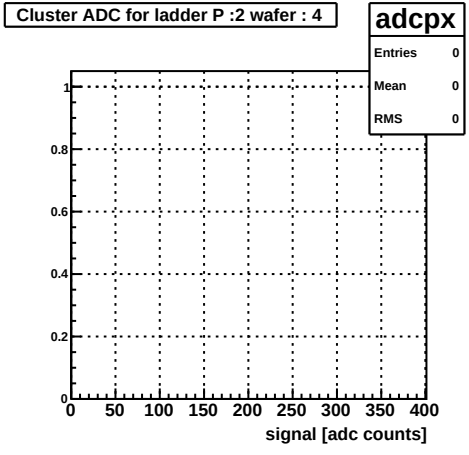

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

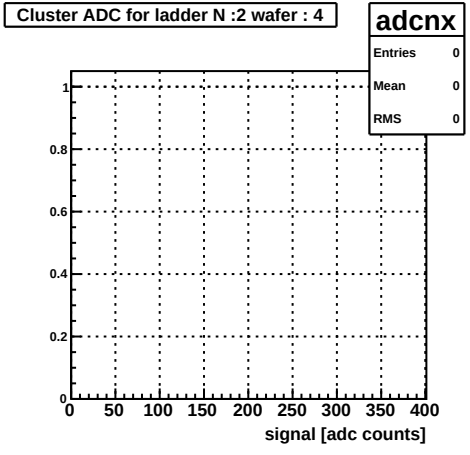

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

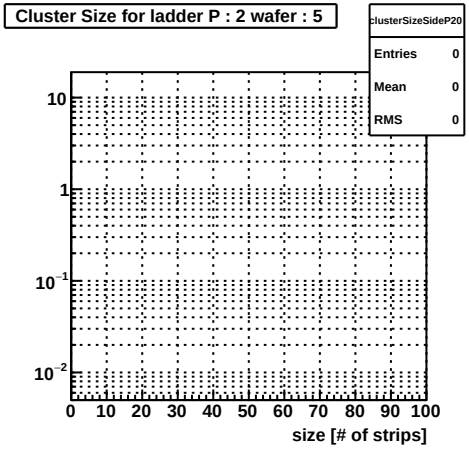

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

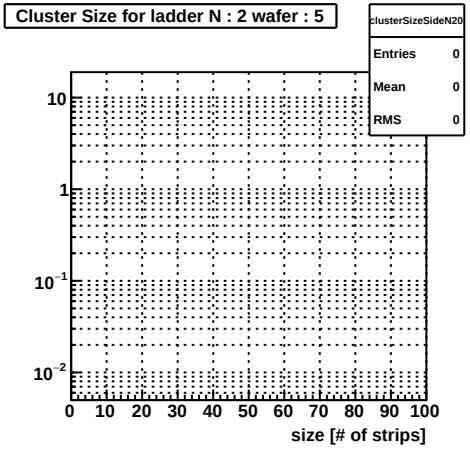

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

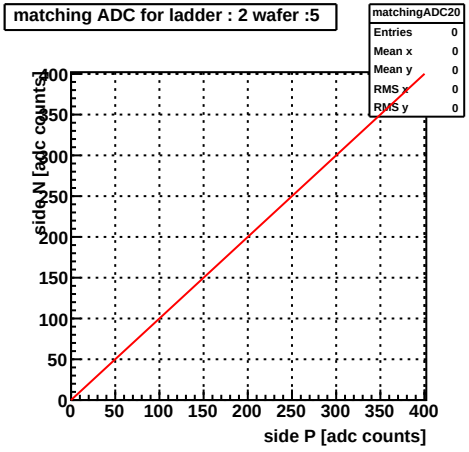

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

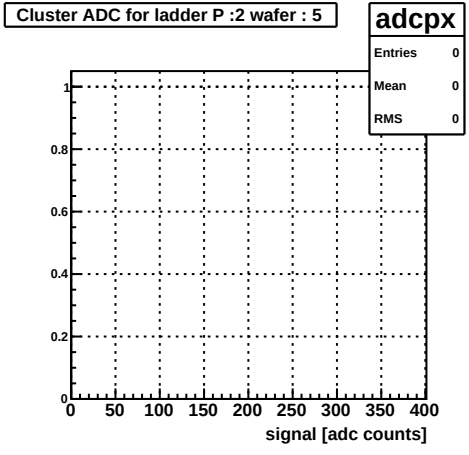

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

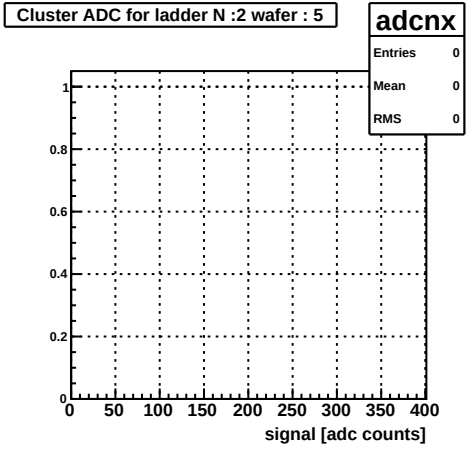

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

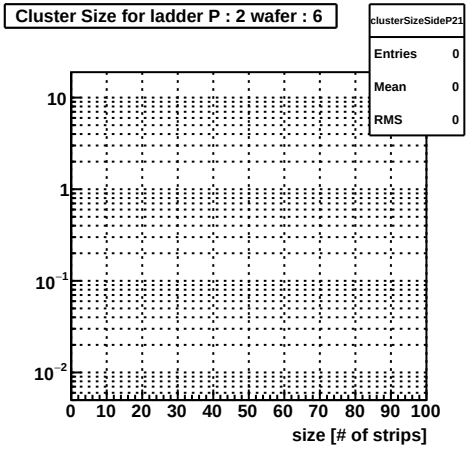

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

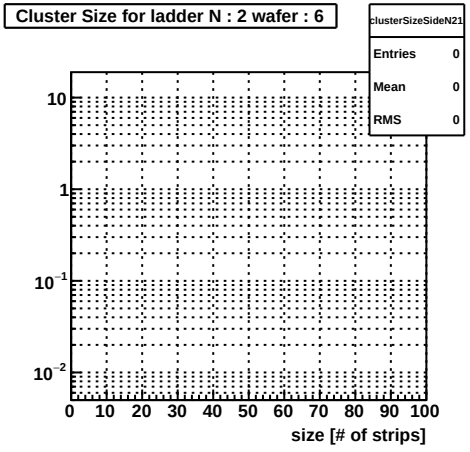

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

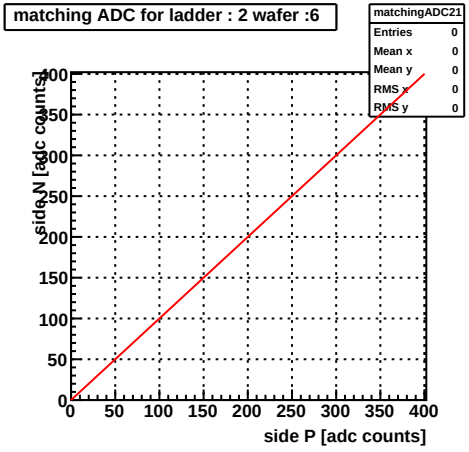

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

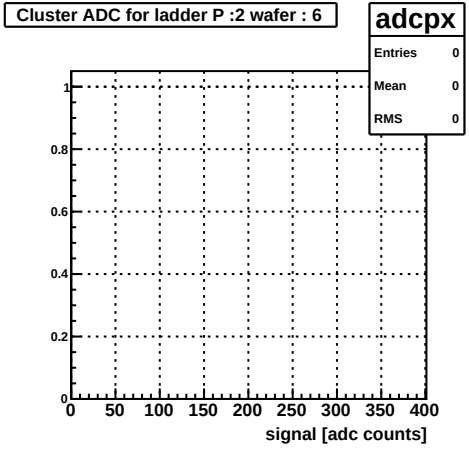

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

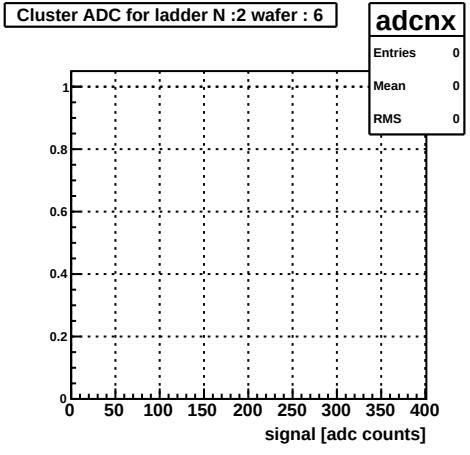

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

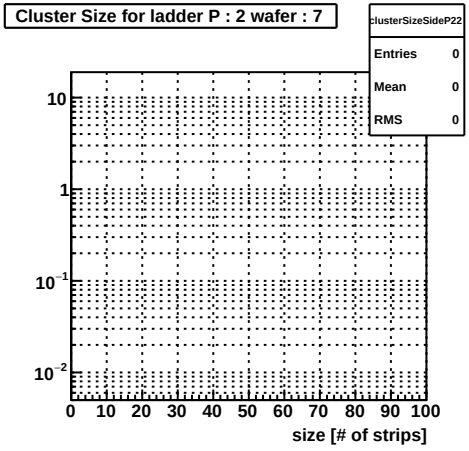

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

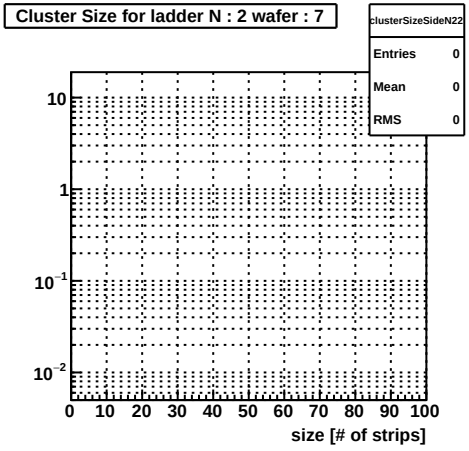

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

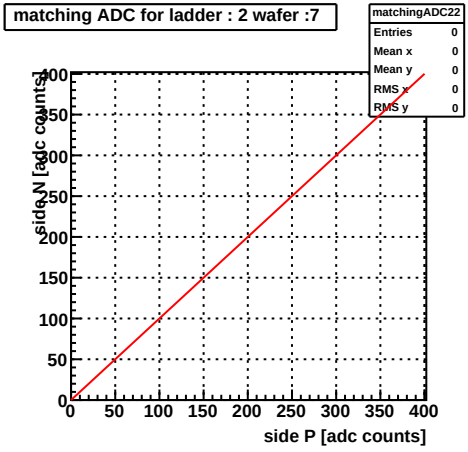

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

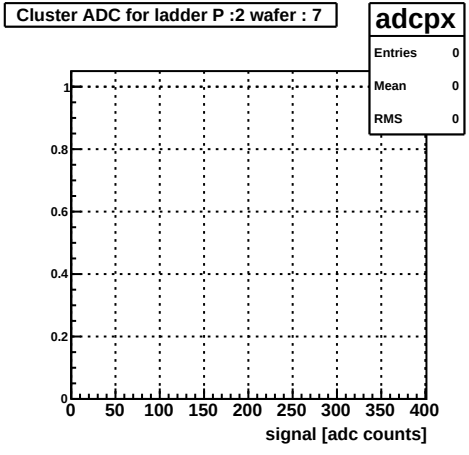

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

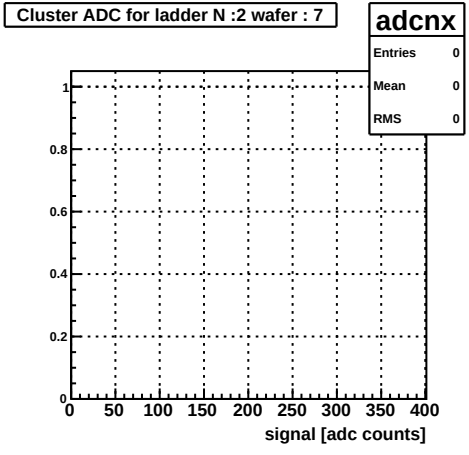

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

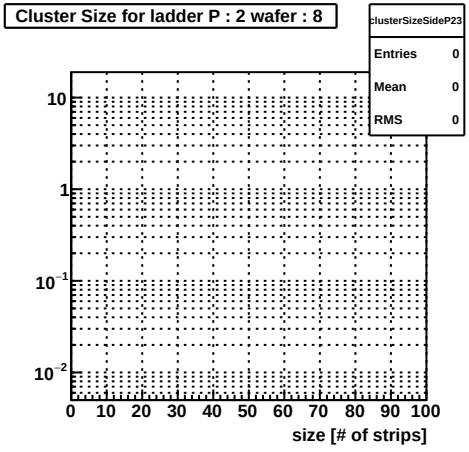

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

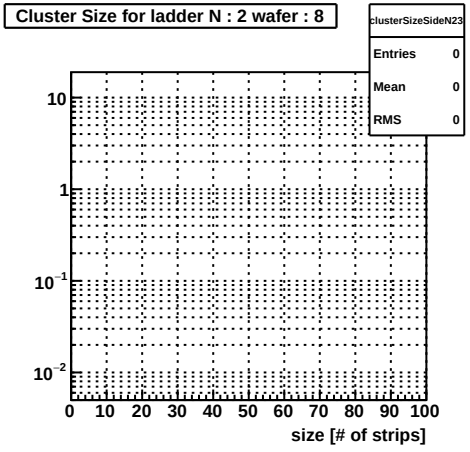

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

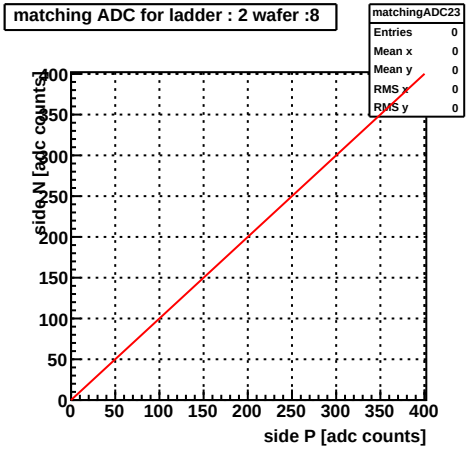

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

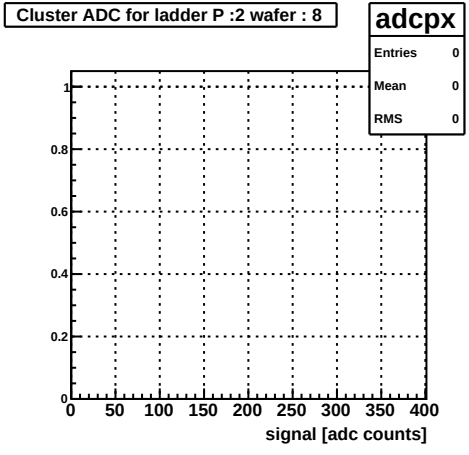

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

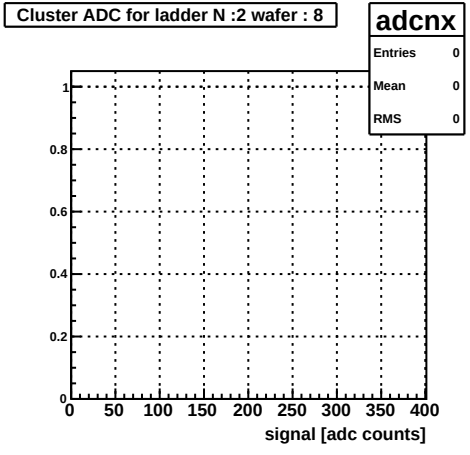

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

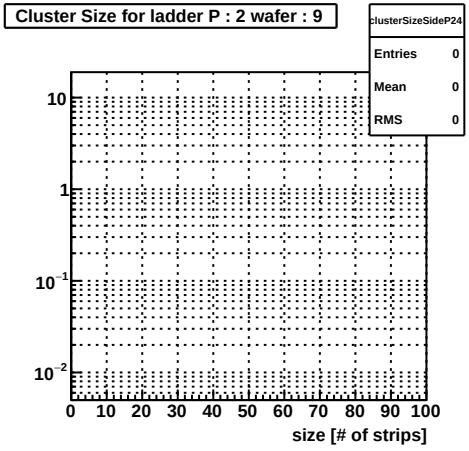

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

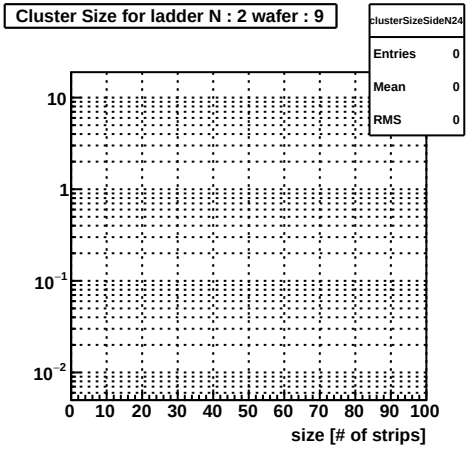

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

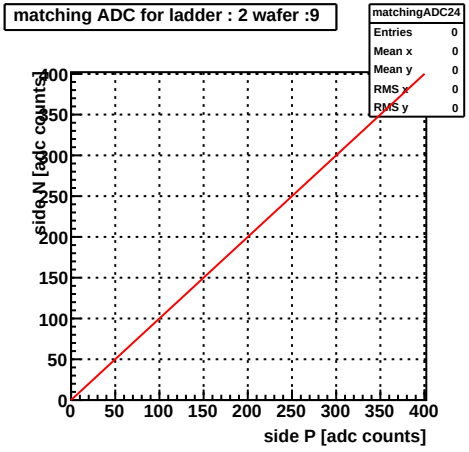

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

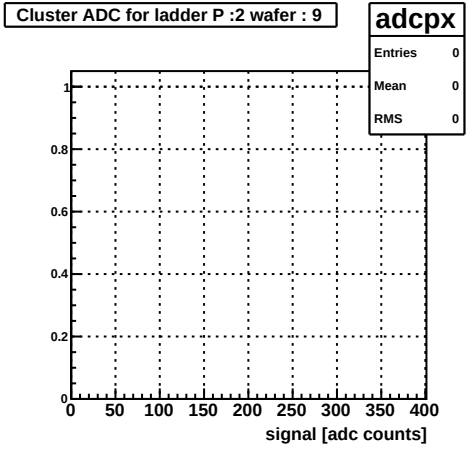

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

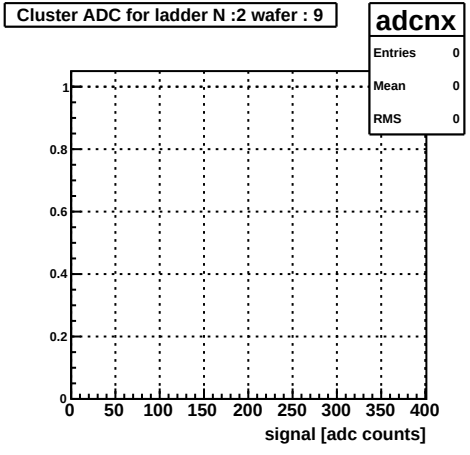

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

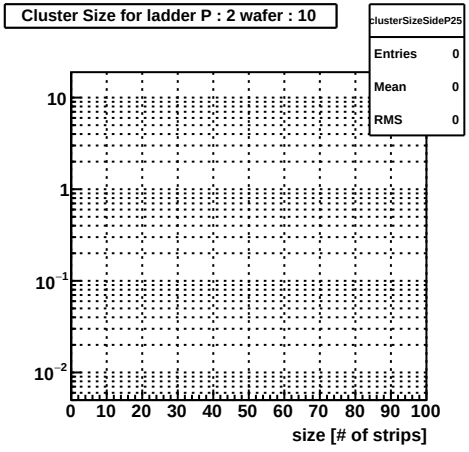

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

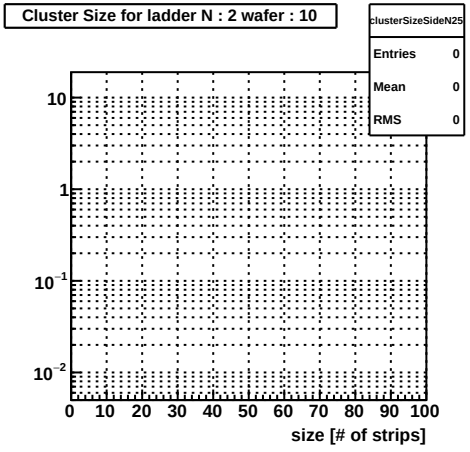

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

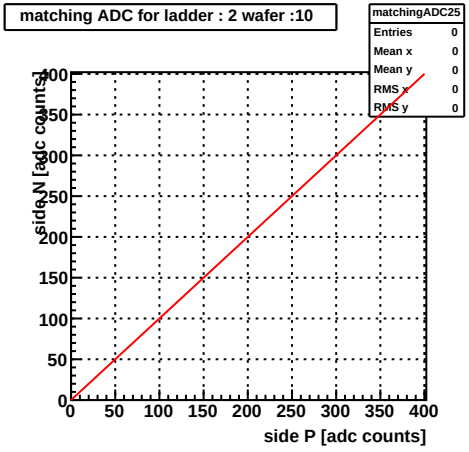

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

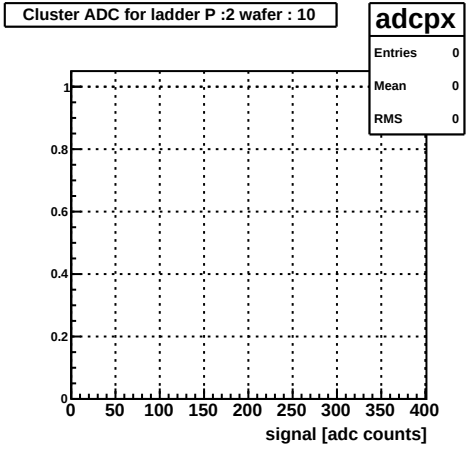

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

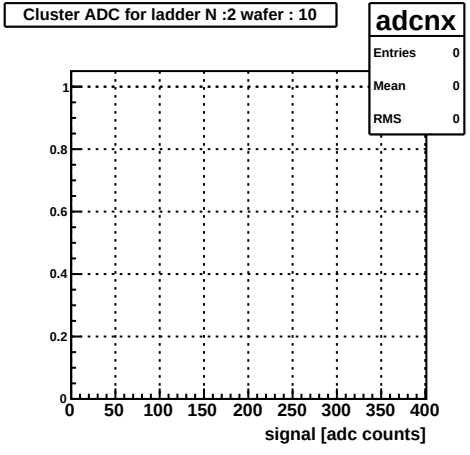

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

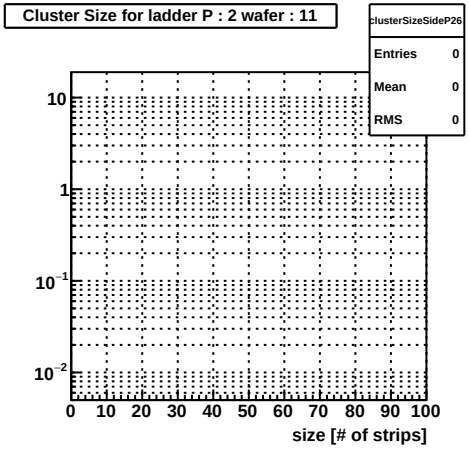

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

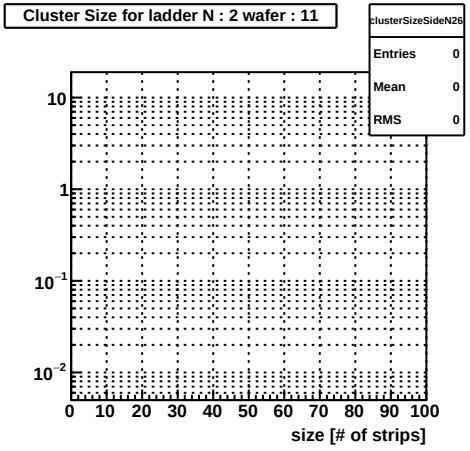

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

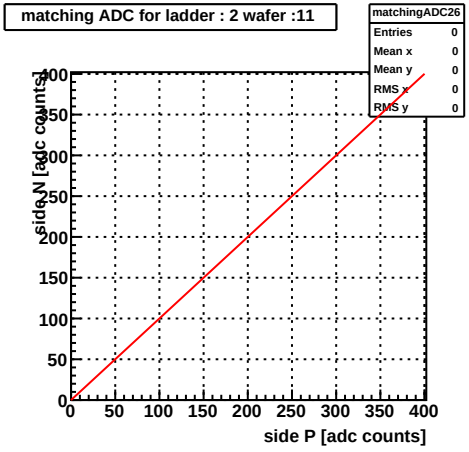

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

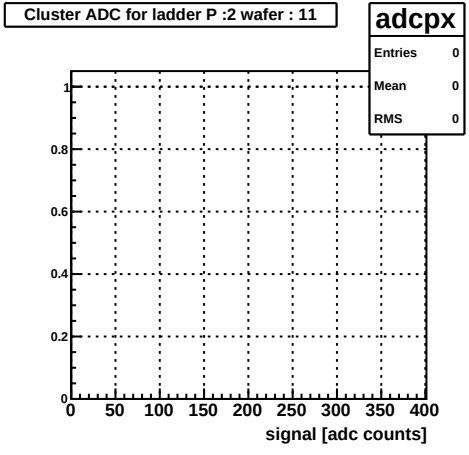

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

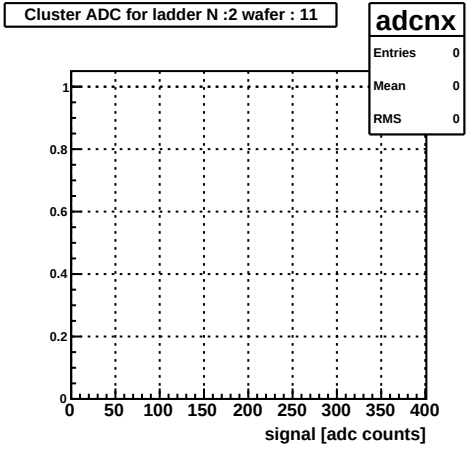

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

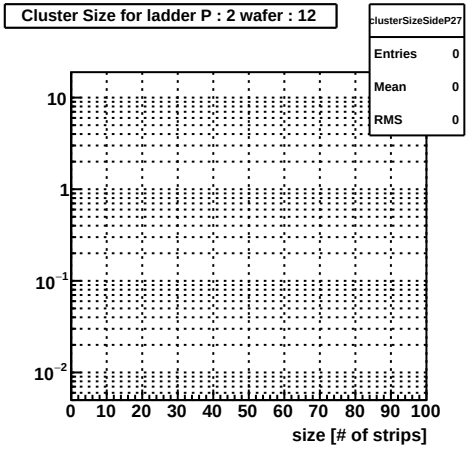

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

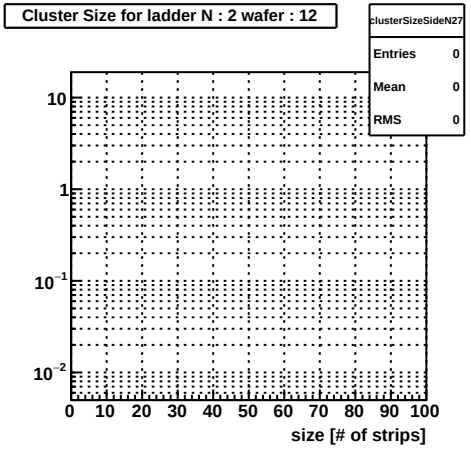

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

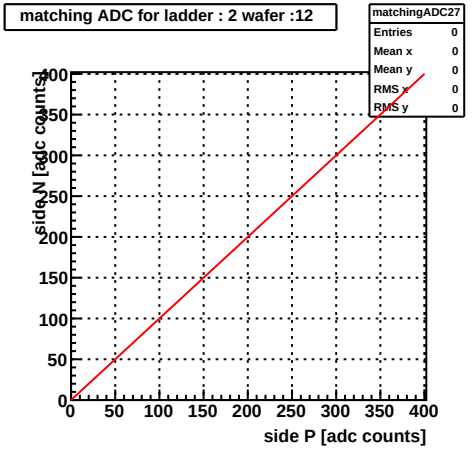

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

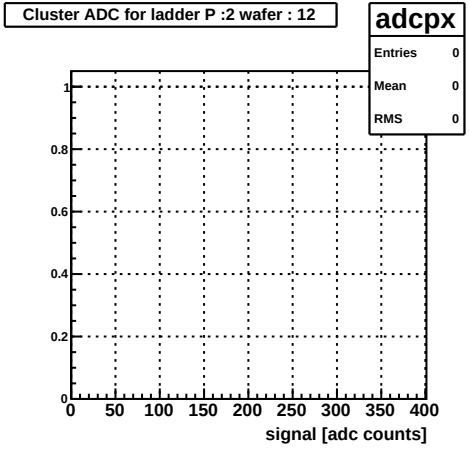

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

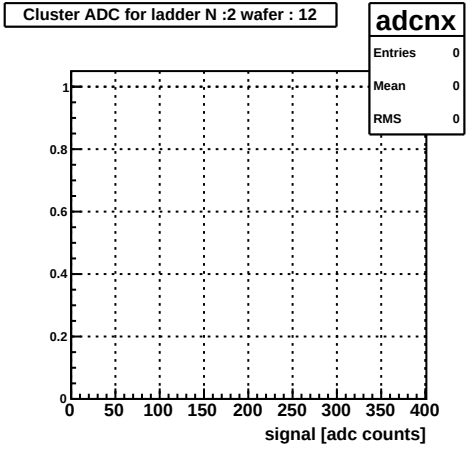

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

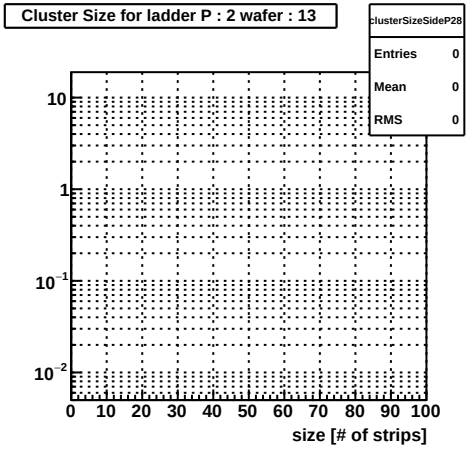

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

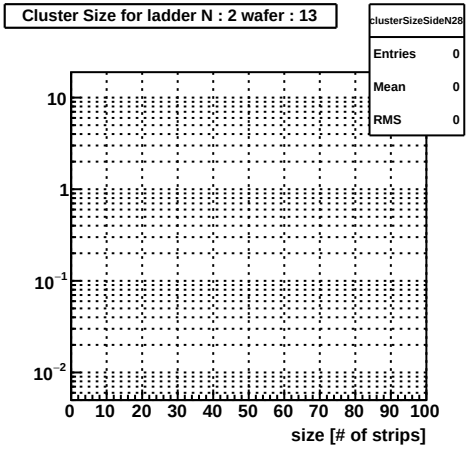

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

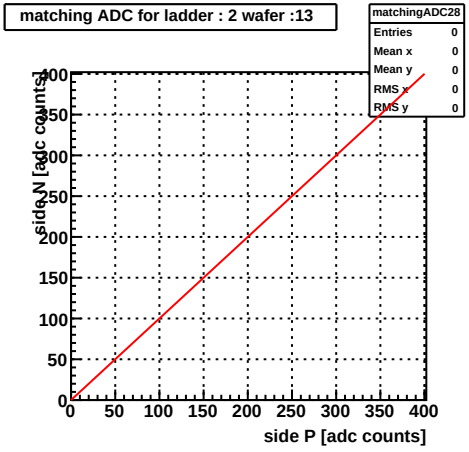

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

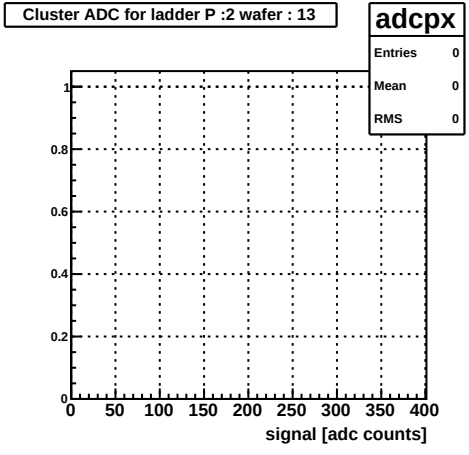

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

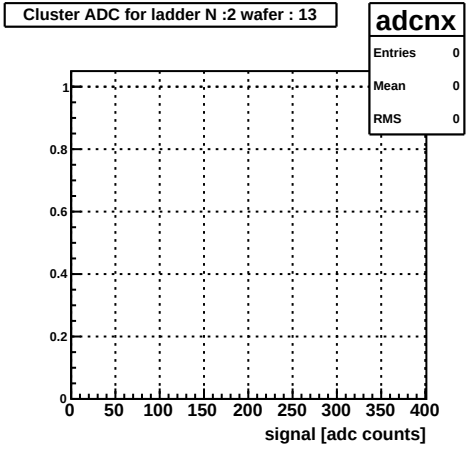

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

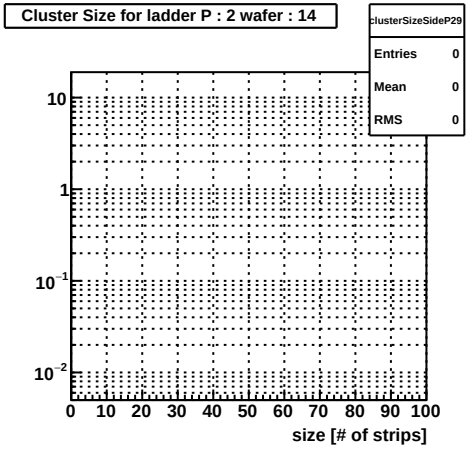

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

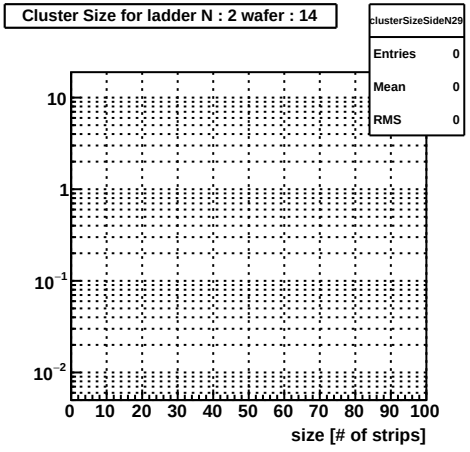

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

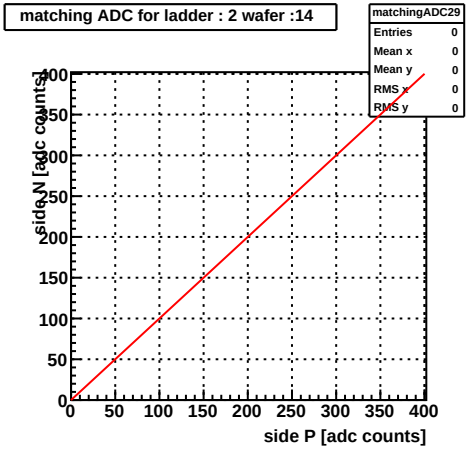

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

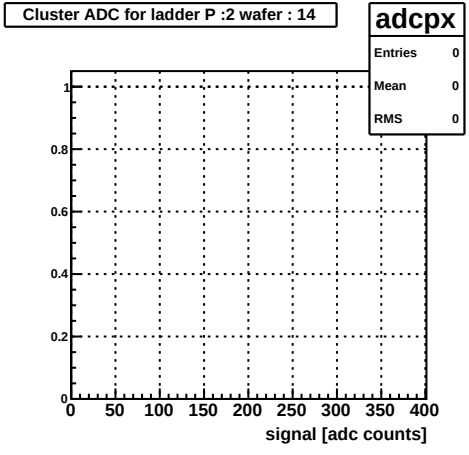

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

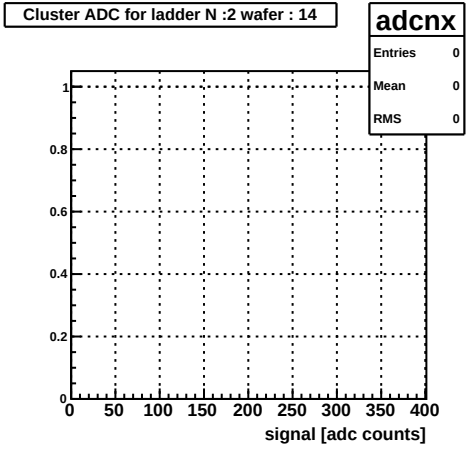

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

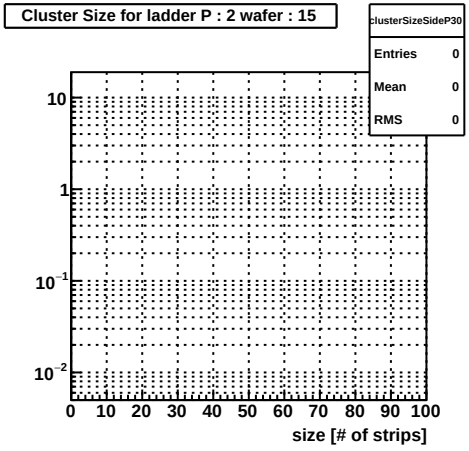

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

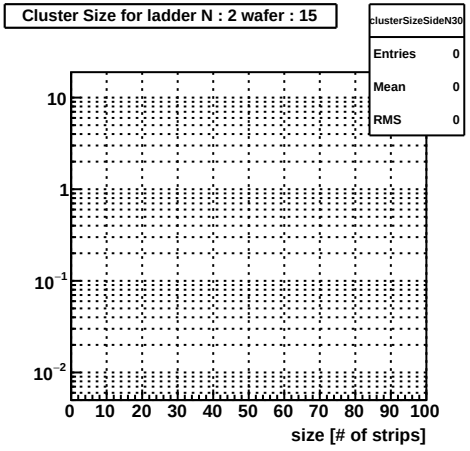

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

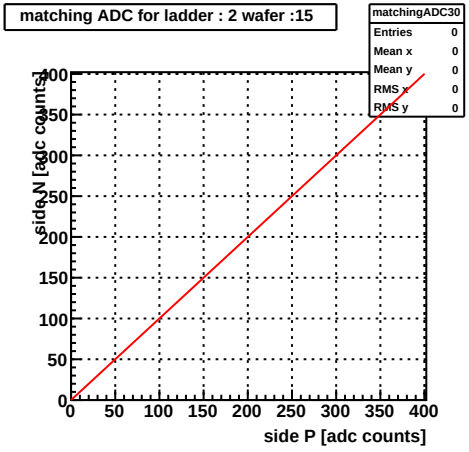

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

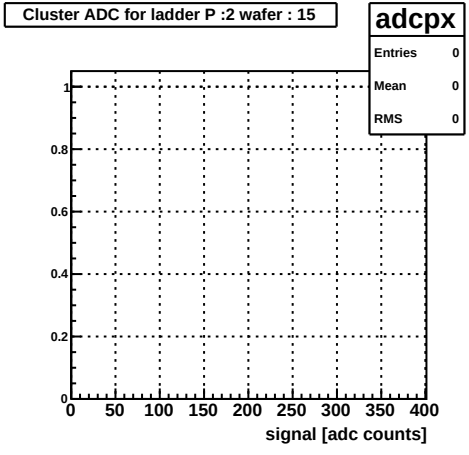

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

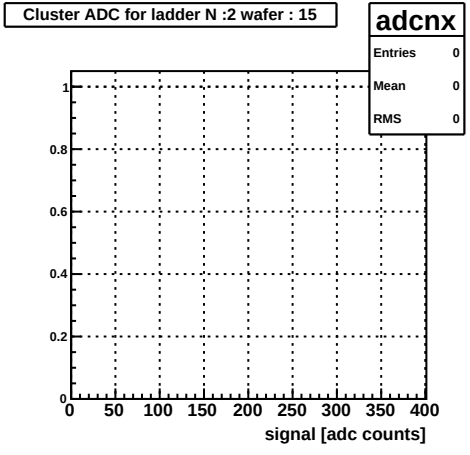

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

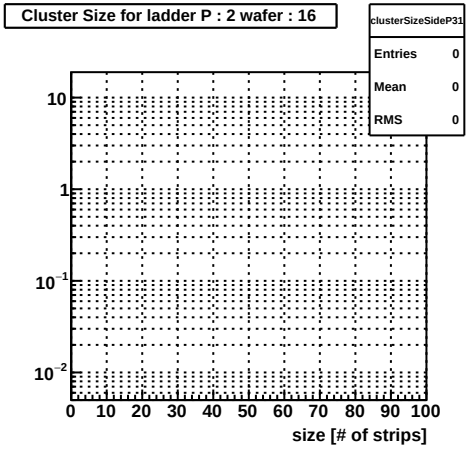

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

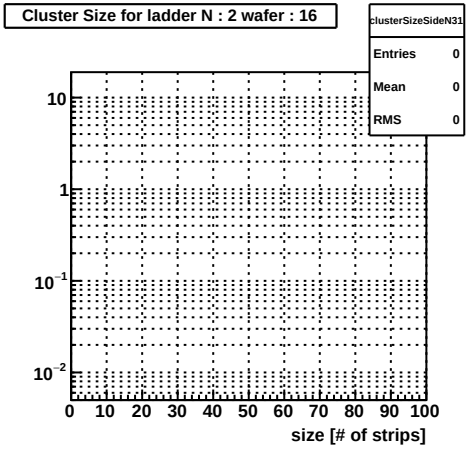

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

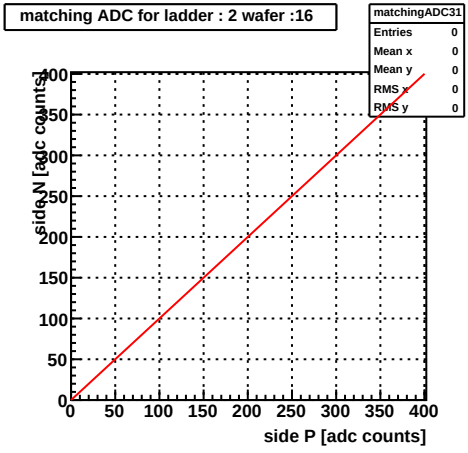

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

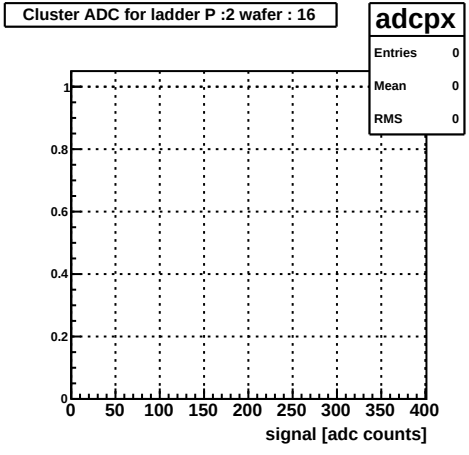

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

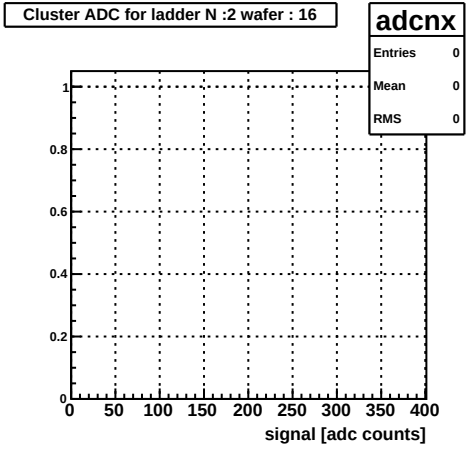

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

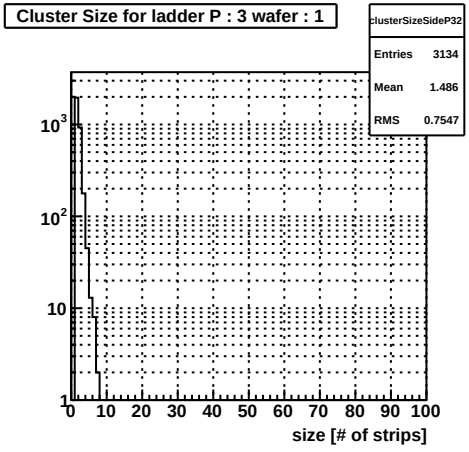

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

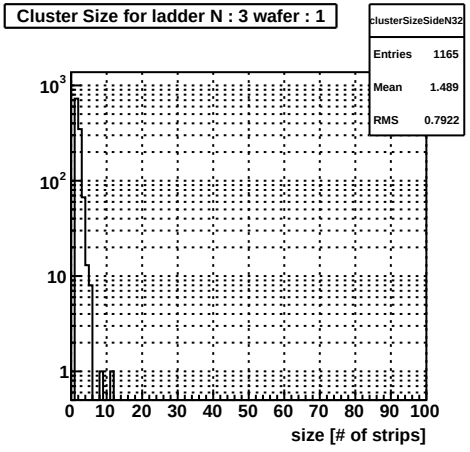

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

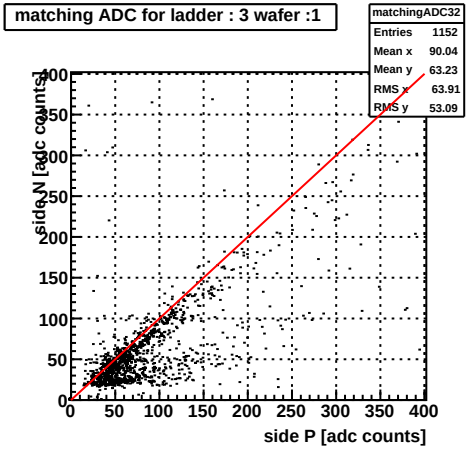

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

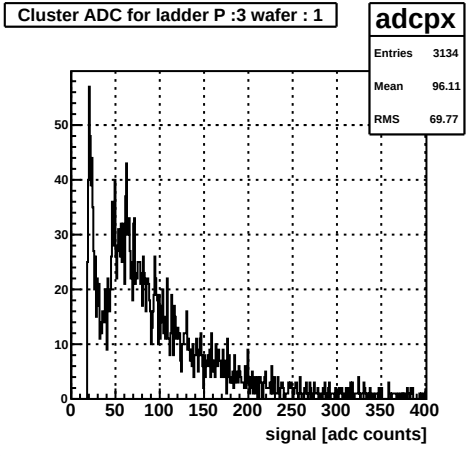

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

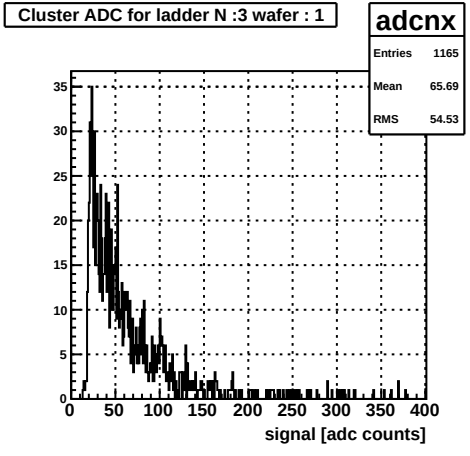

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

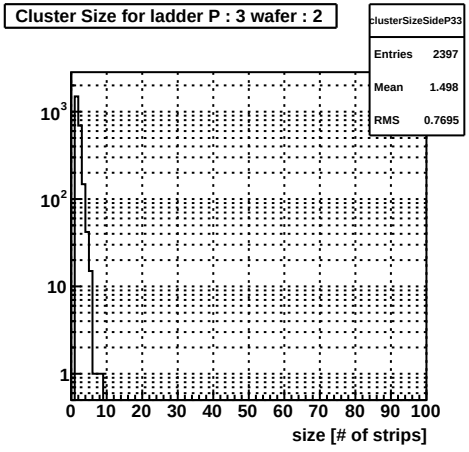

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 3134
Mean 1.486
RMS 0.7547
size [# of strips]

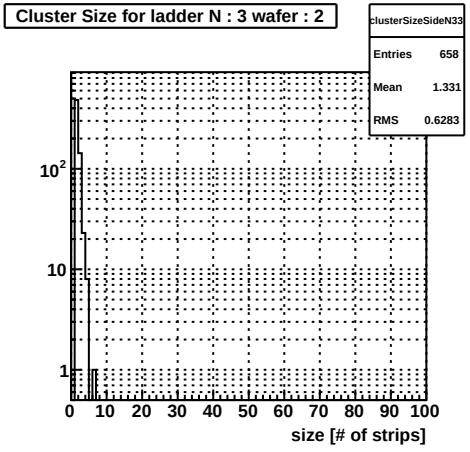

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1165
Mean 1.489
RMS 0.7922
size [# of strips]

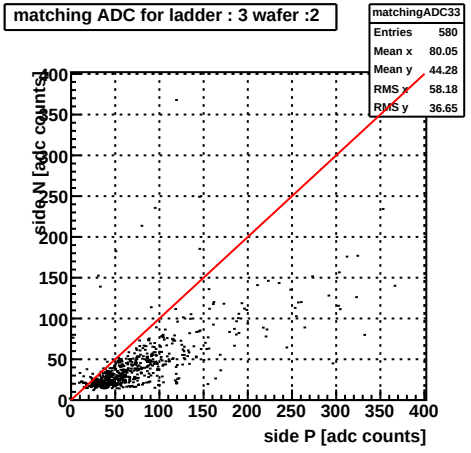

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 1152
Mean x 90.04
Mean y 63.23
RMS x 63.91
RMS y 53.09
side N [adc counts]
side P [adc counts]

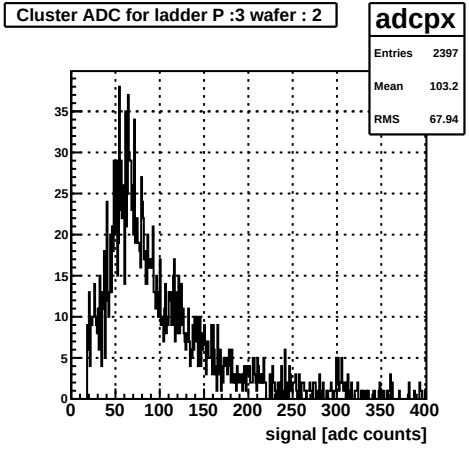

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 3134
Mean 96.11
RMS 69.77
signal [adc counts]

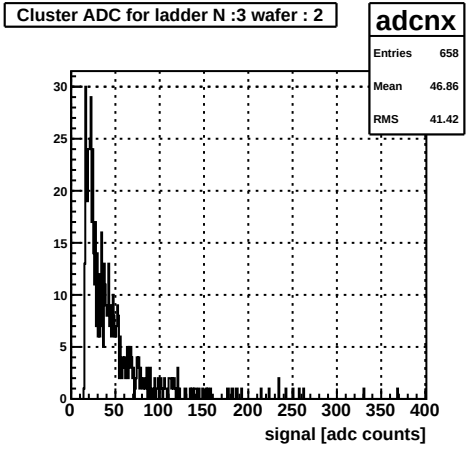

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1165
Mean 65.69
RMS 54.53
signal [adc counts]

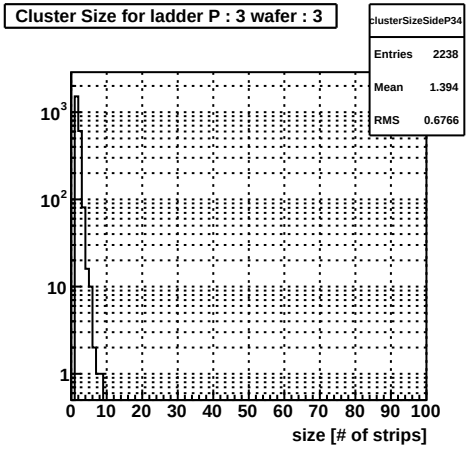

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2397
Mean 1.498
RMS 0.7695
size [# of strips]

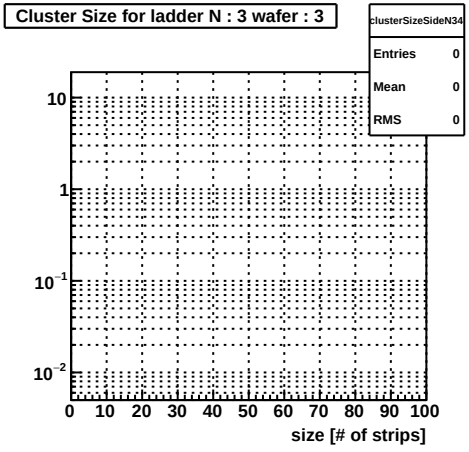

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 658
Mean 1.331
RMS 0.6283
size [# of strips]

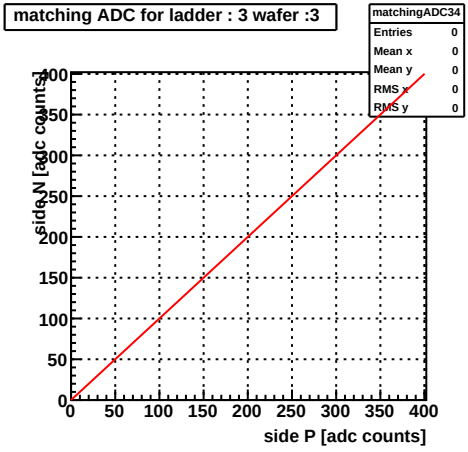

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 580
Mean x 80.05
Mean y 44.28
RMS x 58.18
RMS y 36.65
side N [adc counts]
side P [adc counts]

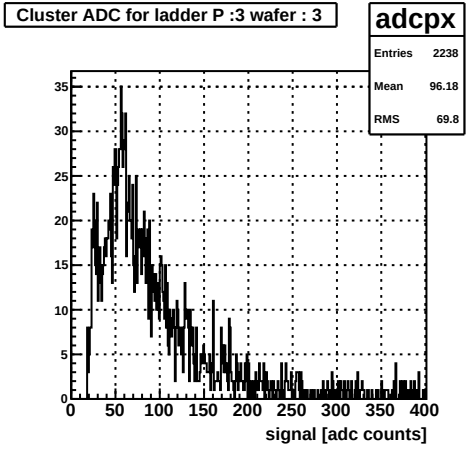

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2397
Mean 103.2
RMS 67.94
signal [adc counts]

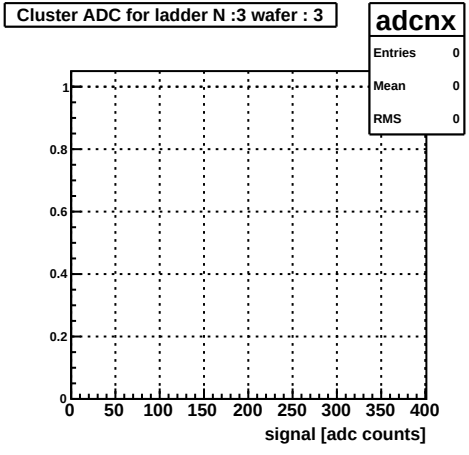

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 658
Mean 46.86
RMS 41.42
signal [adc counts]

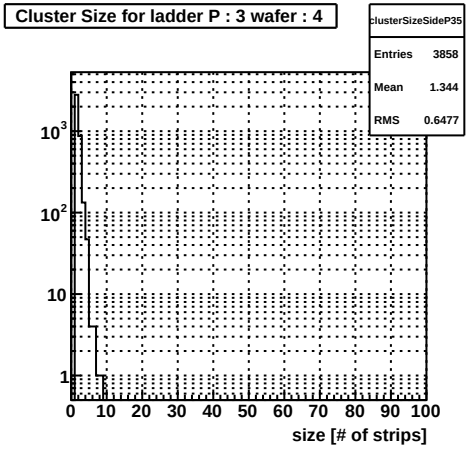

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 2238
Mean 1.394
RMS 0.6766
size [# of strips]

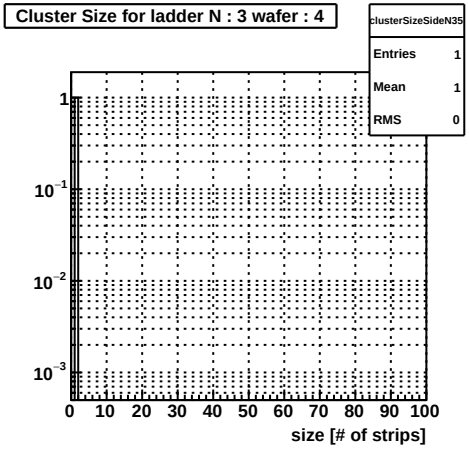

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

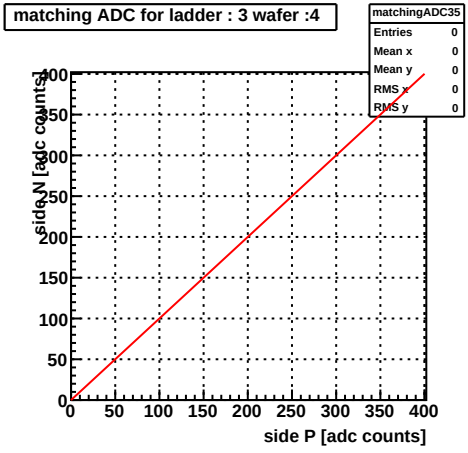

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

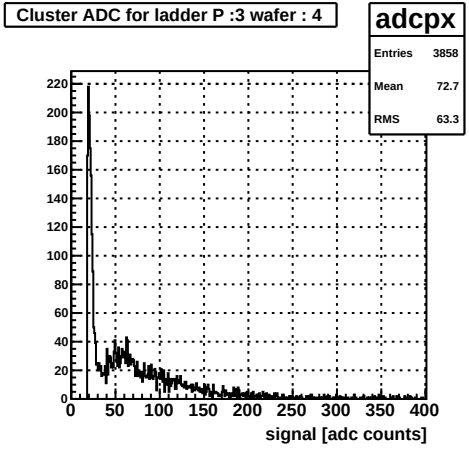

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 2238
Mean 96.18
RMS 69.8
signal [adc counts]

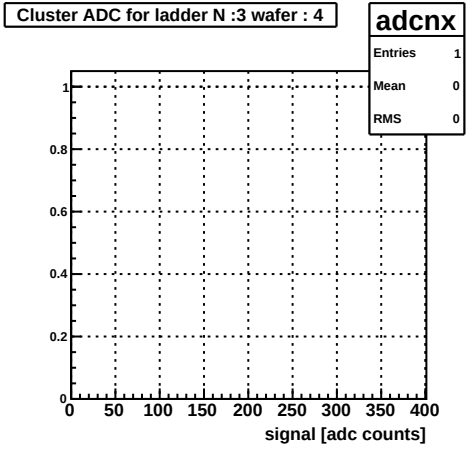

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

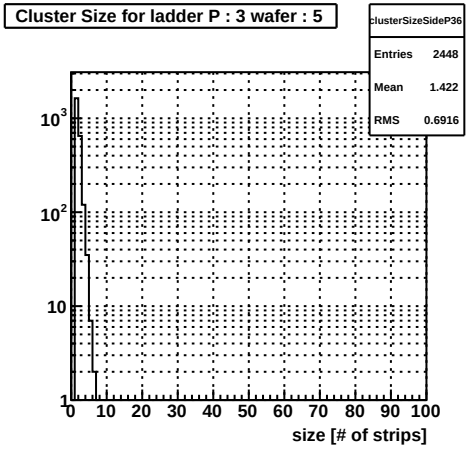

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 3858
Mean 1.344
RMS 0.6477
size [# of strips]

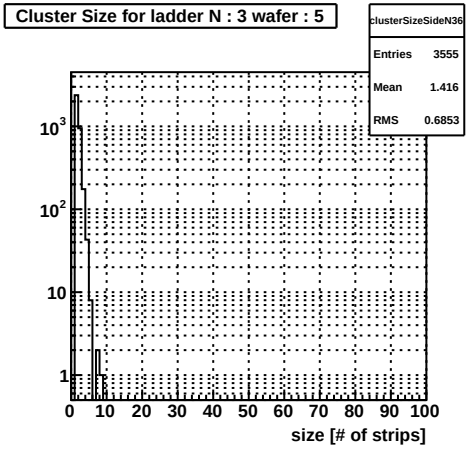

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 1
Mean 1
RMS 0
size [# of strips]

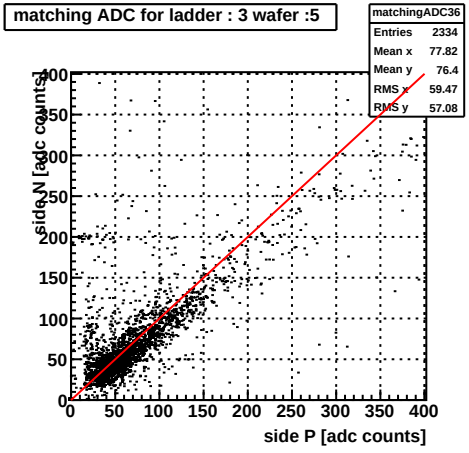

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

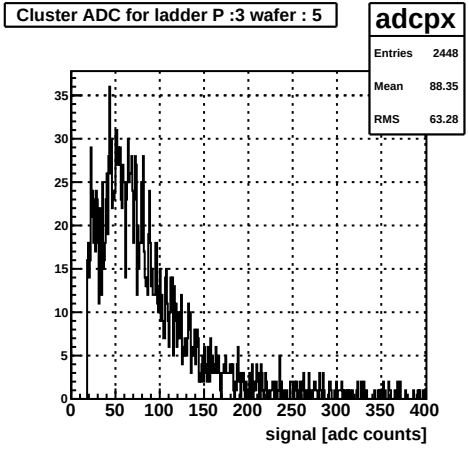

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 3858
Mean 72.7
RMS 63.3
signal [adc counts]

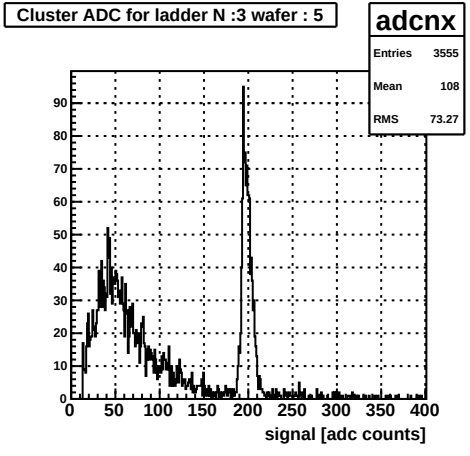

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

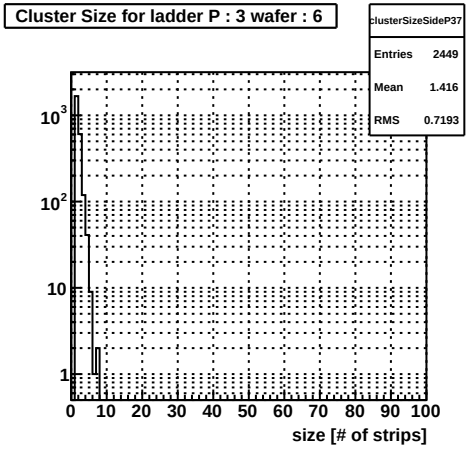

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 2448
Mean 1.422
RMS 0.6916
size [# of strips]

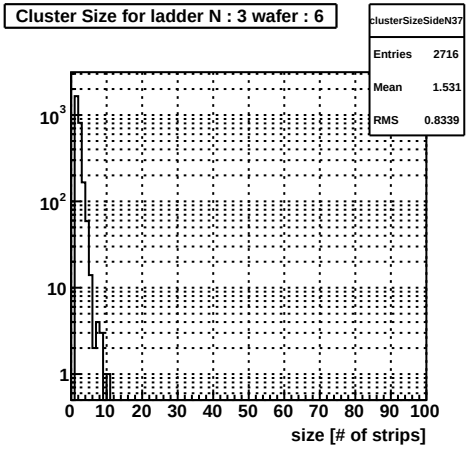

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 3555
Mean 1.416
RMS 0.6853
size [# of strips]

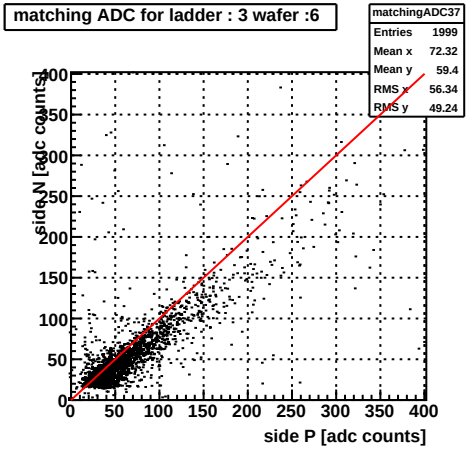

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 2334
Mean x 77.82
Mean y 76.4
RMS x 59.47
RMS y 57.08
side N [adc counts]
side P [adc counts]

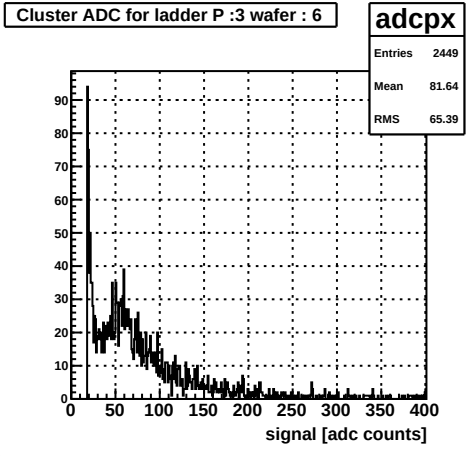

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 2448
Mean 88.35
RMS 63.28
signal [adc counts]

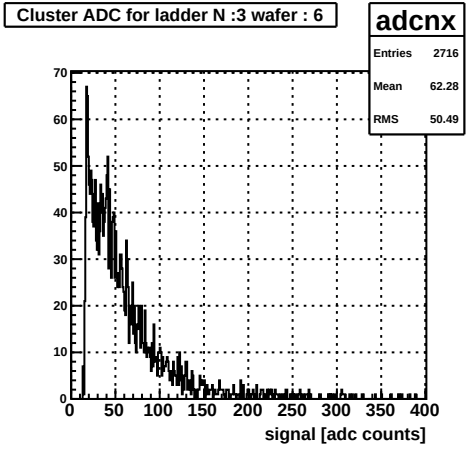

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 3555
Mean 108
RMS 73.27
signal [adc counts]

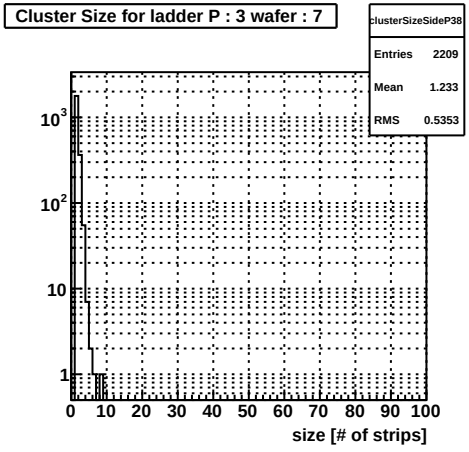

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 2449
Mean 1.416
RMS 0.7193
size [# of strips]

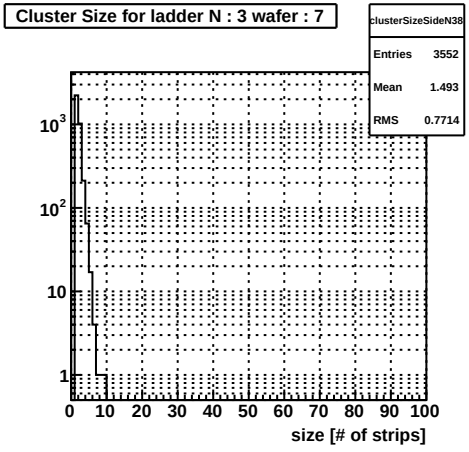

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 2716
Mean 1.531
RMS 0.8339
size [# of strips]

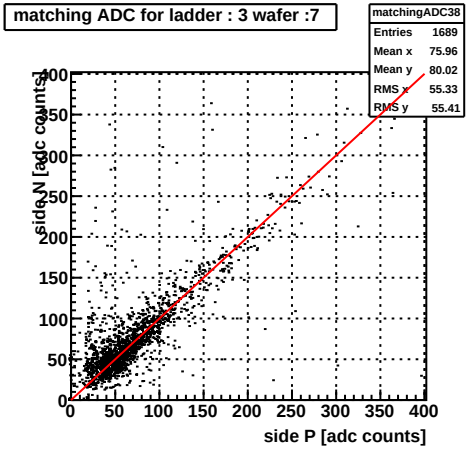

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 1999
Mean x 72.32
Mean y 59.4
RMS x 56.34
RMS y 49.24
side N [adc counts]
side P [adc counts]

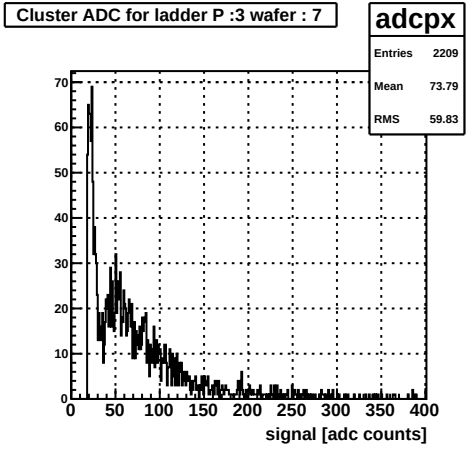

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 2449
Mean 81.64
RMS 65.39
signal [adc counts]

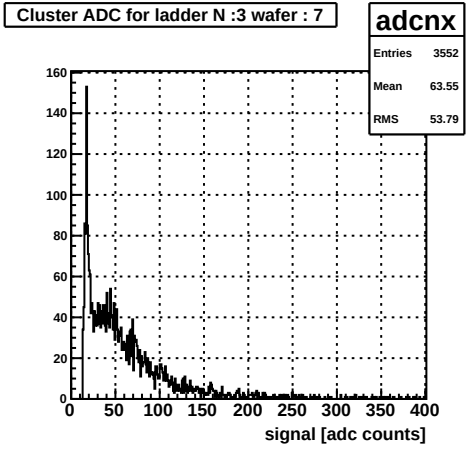

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 2716
Mean 62.28
RMS 50.49
signal [adc counts]

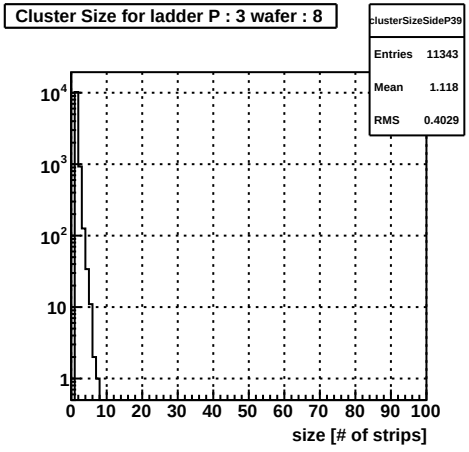

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2209
Mean 1.233
RMS 0.5353
size [# of strips]

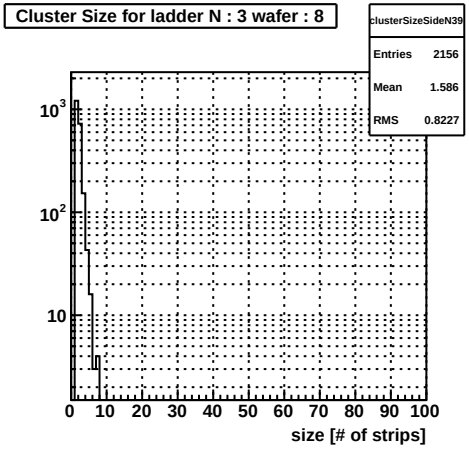

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 3552
Mean 1.493
RMS 0.7714
size [# of strips]

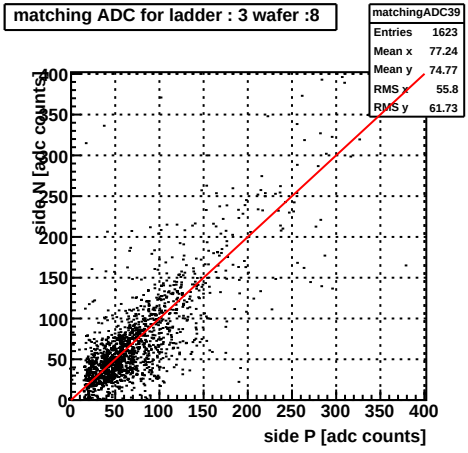

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 1689
Mean x 75.96
Mean y 80.02
RMS x 55.33
RMS y 55.41
side N [adc counts]
side P [adc counts]

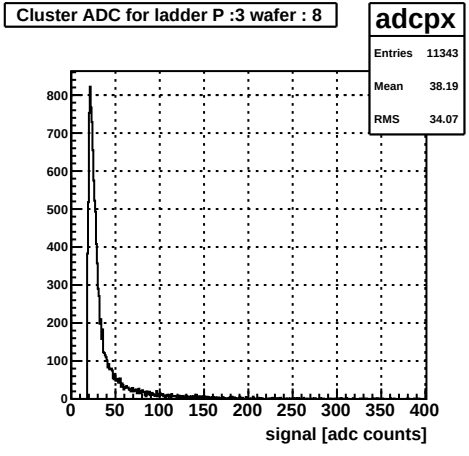

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2209
Mean 73.79
RMS 59.83
signal [adc counts]

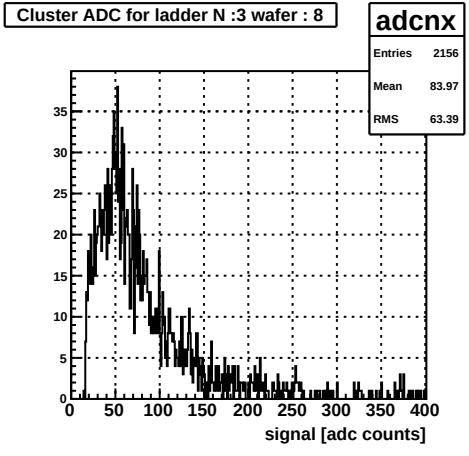

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 3552
Mean 63.55
RMS 53.79
signal [adc counts]

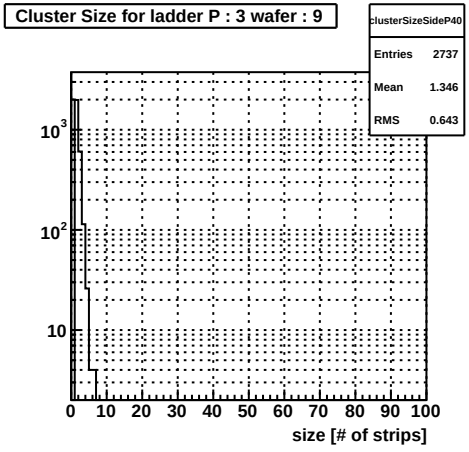

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 11343
Mean 1.118
RMS 0.4029
size [# of strips]

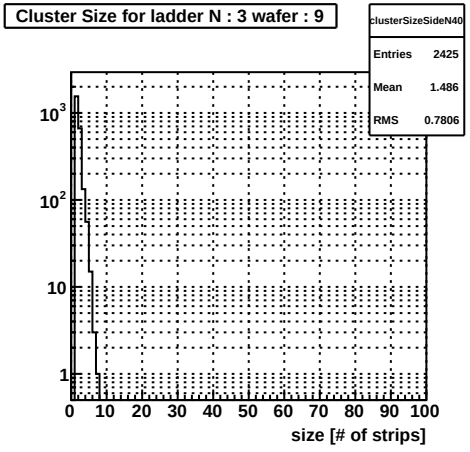

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 2156
Mean 1.586
RMS 0.8227
size [# of strips]

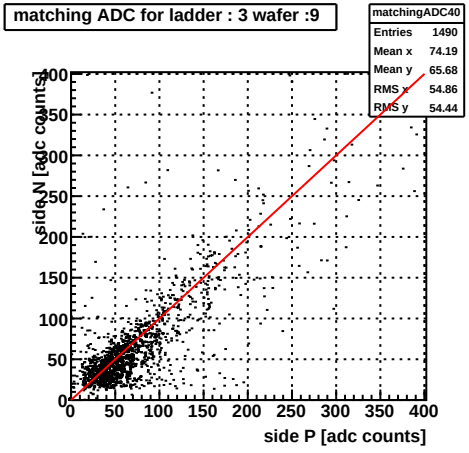

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 1623
Mean x 77.24
Mean y 74.77
RMS x 55.8
RMS y 61.73
side N [adc counts]
side P [adc counts]

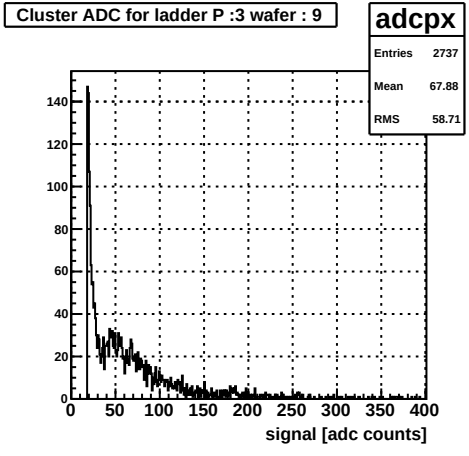

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 11343
Mean 38.19
RMS 34.07
signal [adc counts]

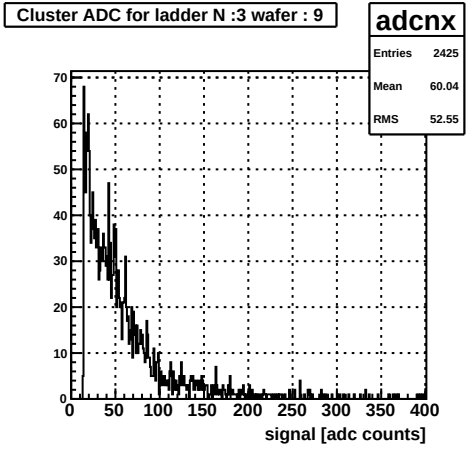

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 2156
Mean 83.97
RMS 63.39
signal [adc counts]

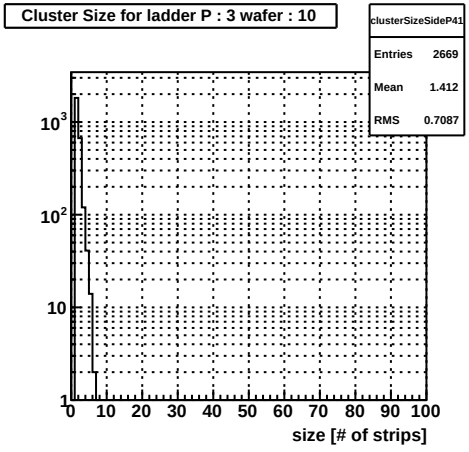

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 2737
Mean 1.346
RMS 0.643
size [# of strips]

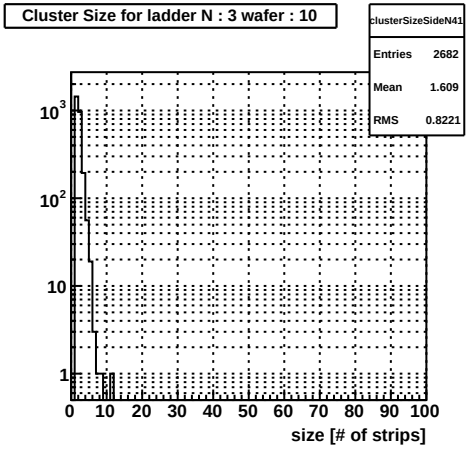

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 2425
Mean 1.486
RMS 0.7806
size [# of strips]

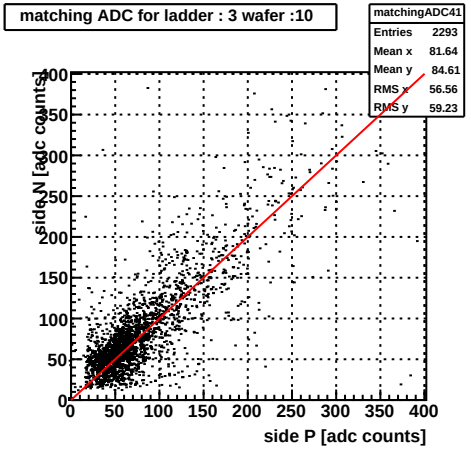

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1490
Mean x 74.19
Mean y 65.68
RMS x 54.86
RMS y 54.44
side N [adc counts]
side P [adc counts]

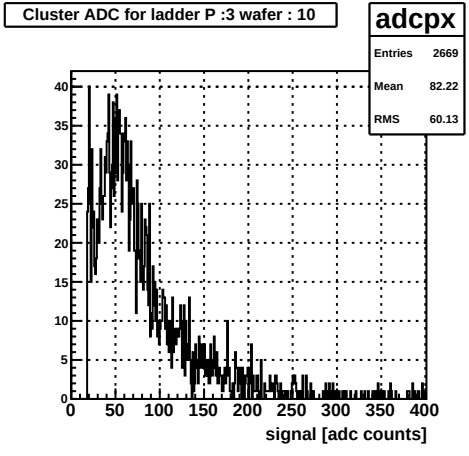

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 2737
Mean 67.88
RMS 58.71
signal [adc counts]

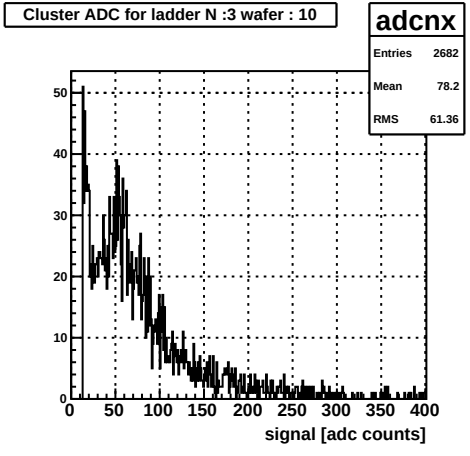

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 2425
Mean 60.04
RMS 52.55
signal [adc counts]

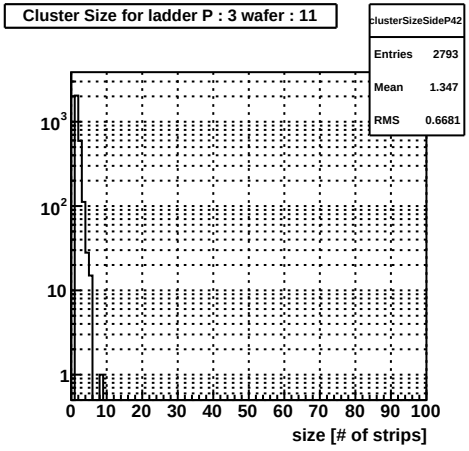

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 2669
Mean 1.412
RMS 0.7087
size [# of strips]

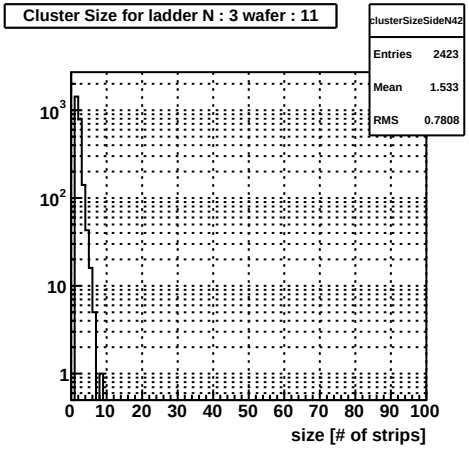

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 2682
Mean 1.609
RMS 0.8221
size [# of strips]

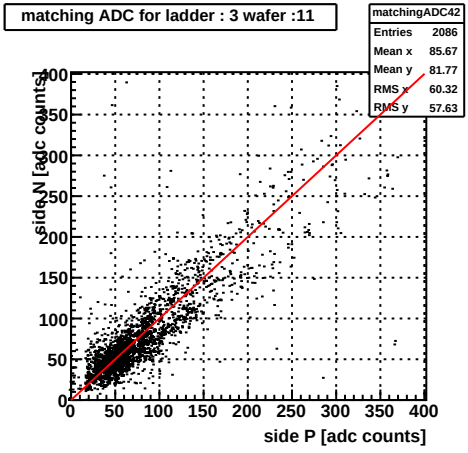

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 2293
Mean x 81.64
Mean y 84.61
RMS x 56.56
RMS y 59.23
side N [adc counts]
side P [adc counts]

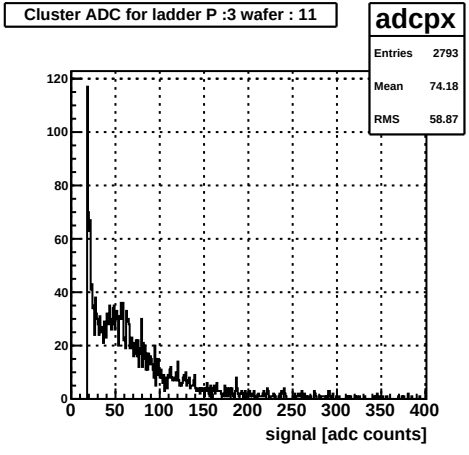

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 2669
Mean 82.22
RMS 60.13
signal [adc counts]

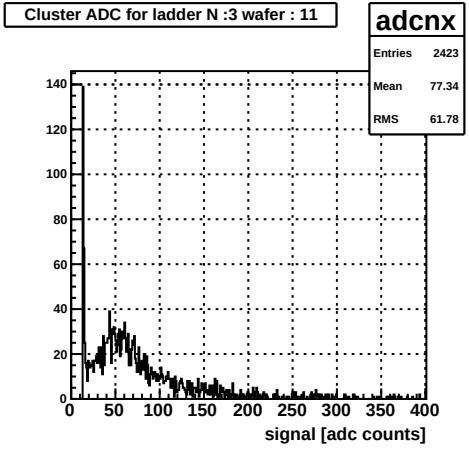

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 2682
Mean 78.2
RMS 61.36
signal [adc counts]

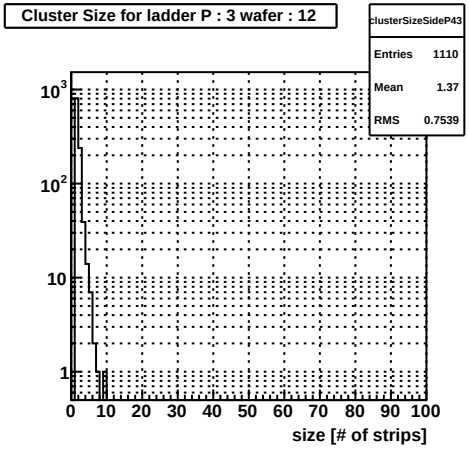

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2793
Mean 1.347
RMS 0.6681
size [# of strips]

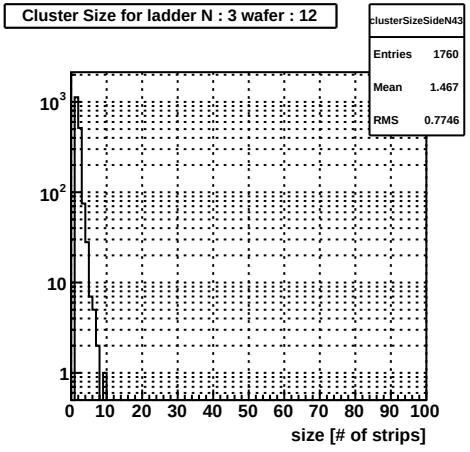

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2423
Mean 1.533
RMS 0.7808
size [# of strips]

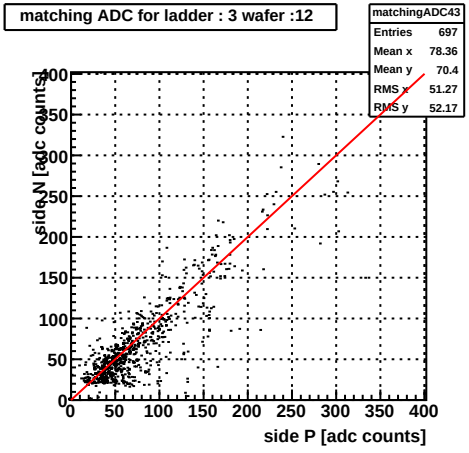

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 2086
Mean x 85.67
Mean y 81.77
RMS x 60.32
RMS y 57.63
side N [adc counts]
side P [adc counts]

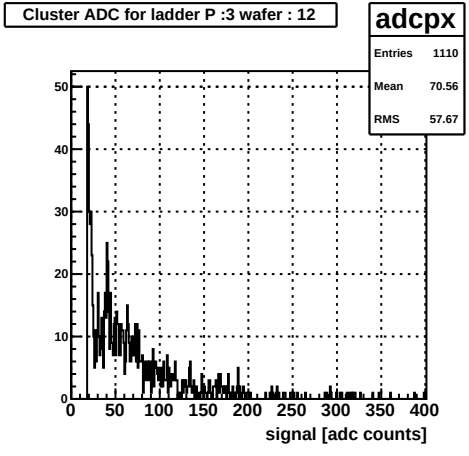

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2793
Mean 74.18
RMS 58.87
signal [adc counts]

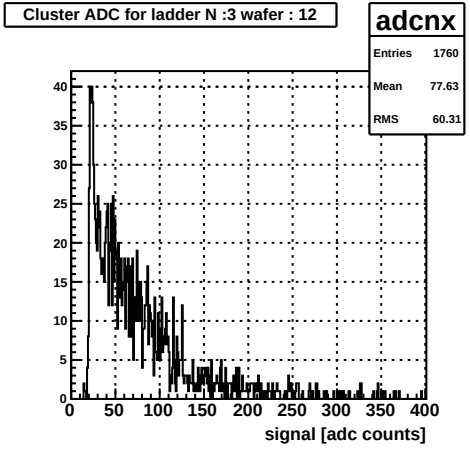

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2423
Mean 77.34
RMS 61.78
signal [adc counts]

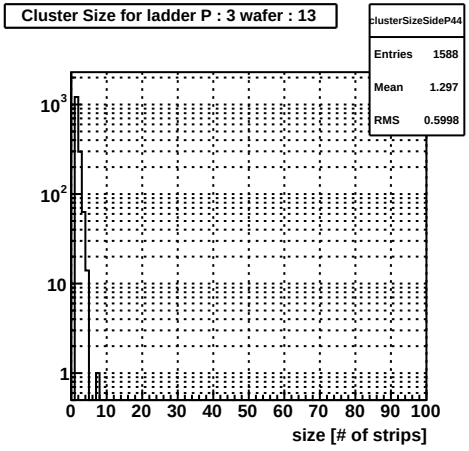

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 1110
Mean 1.37
RMS 0.7539
size [# of strips]

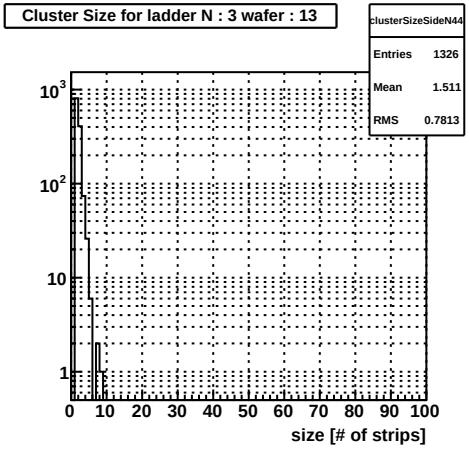

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 1760
Mean 1.467
RMS 0.7746
size [# of strips]

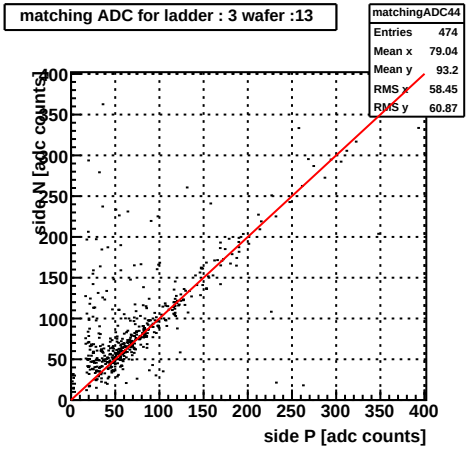

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 697
Mean x 78.36
Mean y 70.4
RMS x 51.27
RMS y 52.17
side N [adc counts]
side P [adc counts]

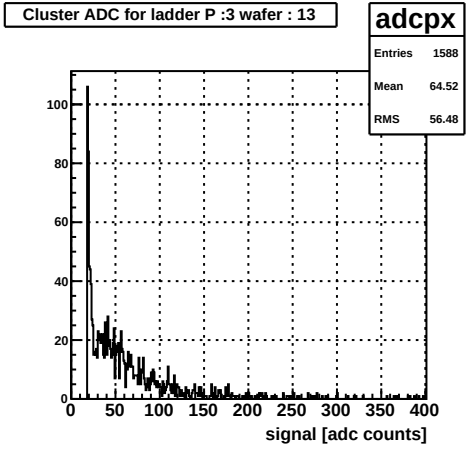

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 1110
Mean 70.56
RMS 57.67
signal [adc counts]

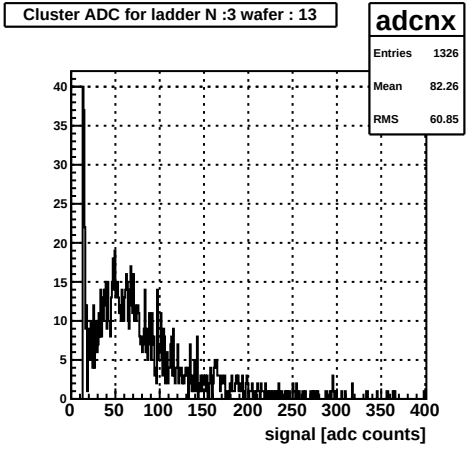

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 1760
Mean 77.63
RMS 60.31
signal [adc counts]

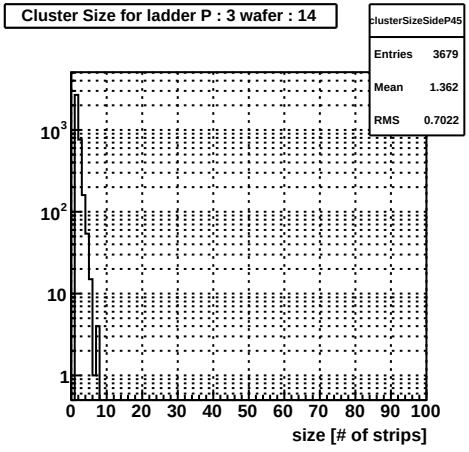

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 1588
Mean 1.297
RMS 0.5998
size [# of strips]

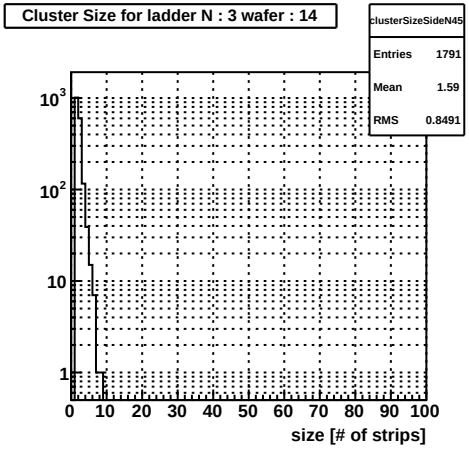

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1326
Mean 1.511
RMS 0.7813
size [# of strips]

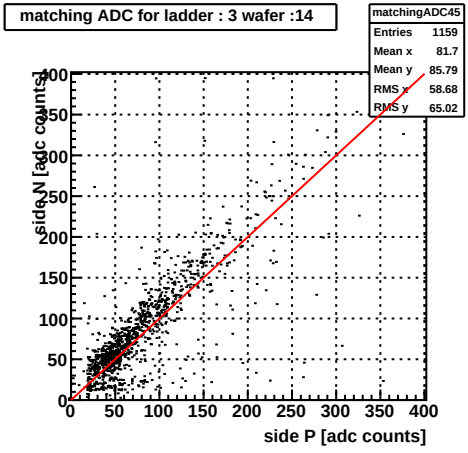

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 474
Mean x 79.04
Mean y 93.2
RMS x 58.45
RMS y 60.87
side N [adc counts]
side P [adc counts]

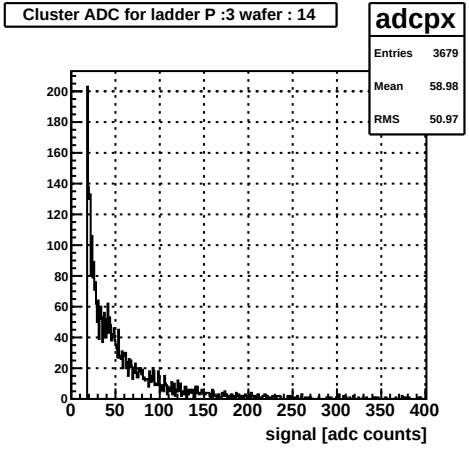

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 1588
Mean 64.52
RMS 56.48
signal [adc counts]

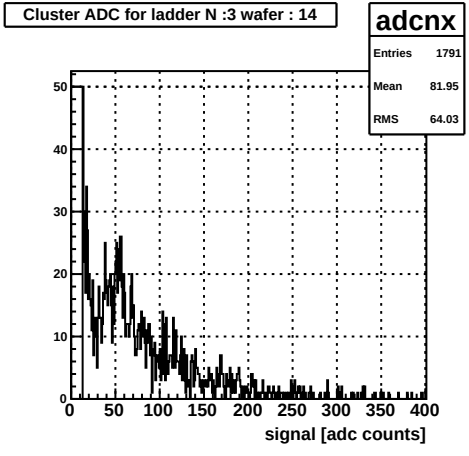

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1326
Mean 82.26
RMS 60.85
signal [adc counts]

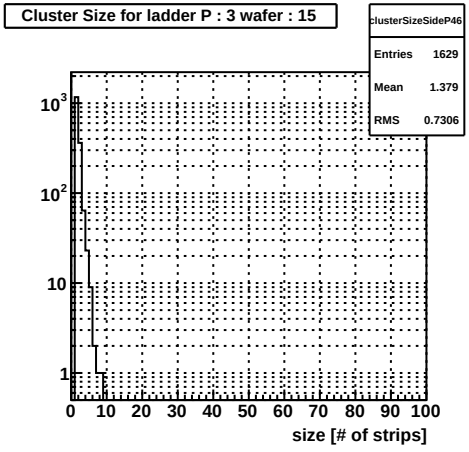

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 3679
Mean 1.362
RMS 0.7022
size [# of strips]

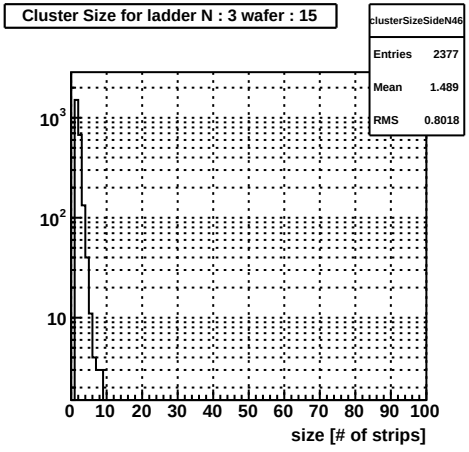

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 1791
Mean 1.59
RMS 0.8491
size [# of strips]

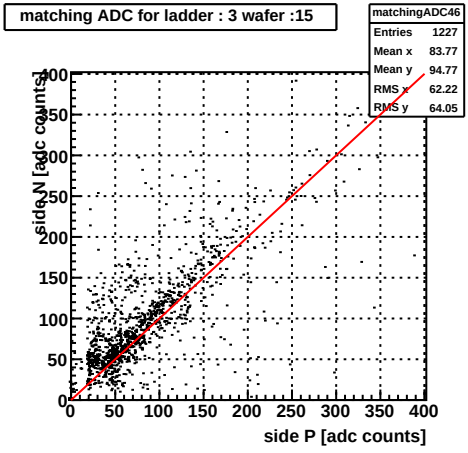

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 1159
Mean x 81.7
Mean y 85.79
RMS x 58.68
RMS y 65.02
side N [adc counts]
side P [adc counts]

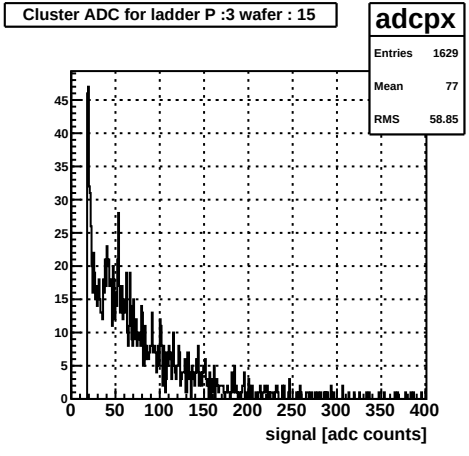

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 3679
Mean 58.98
RMS 50.97
signal [adc counts]

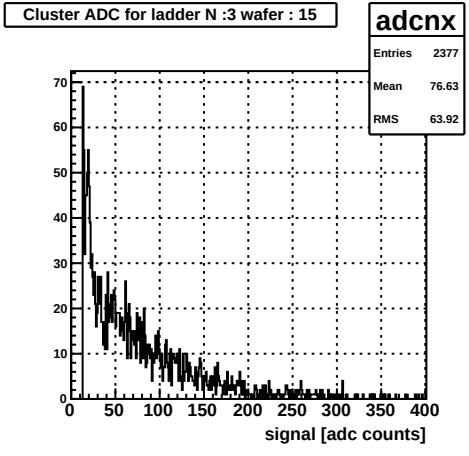

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 1791
Mean 81.95
RMS 64.03
signal [adc counts]

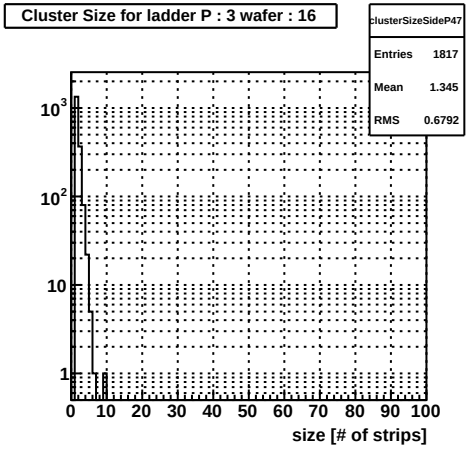

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1629
Mean 1.379
RMS 0.7306
size [# of strips]

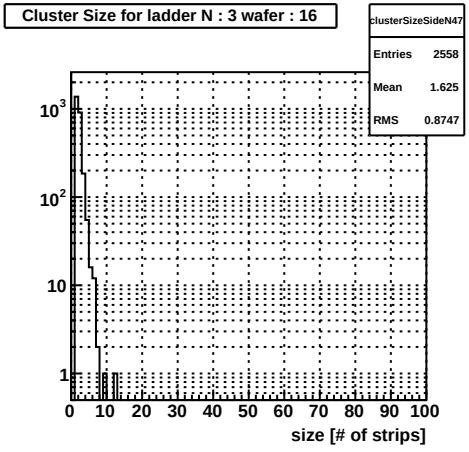

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 2377
Mean 1.489
RMS 0.8018
size [# of strips]

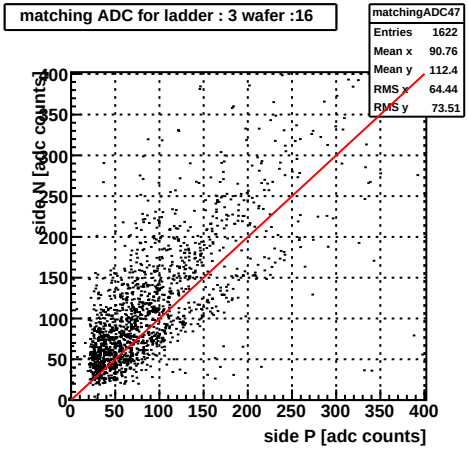

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 1227
Mean x 83.77
Mean y 94.77
RMS x 62.22
RMS y 64.05
side N [adc counts]
side P [adc counts]

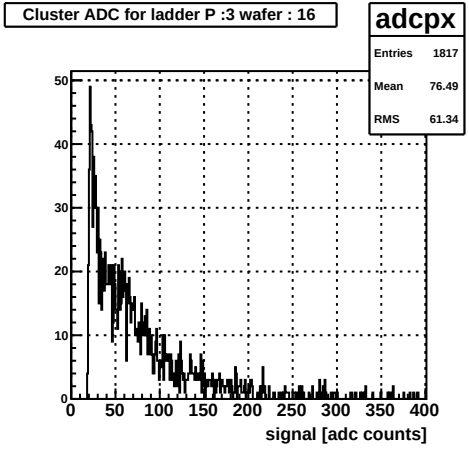

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1629
Mean 77
RMS 58.85
signal [adc counts]

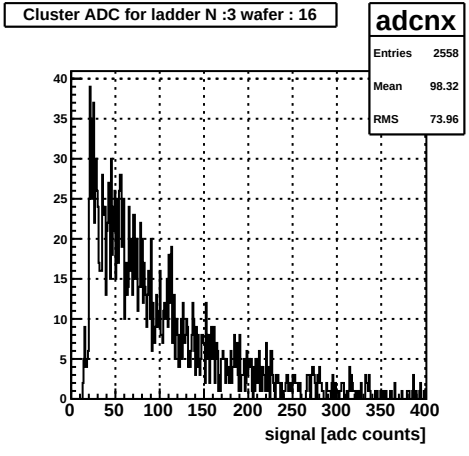

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 2377
Mean 76.63
RMS 63.92
signal [adc counts]

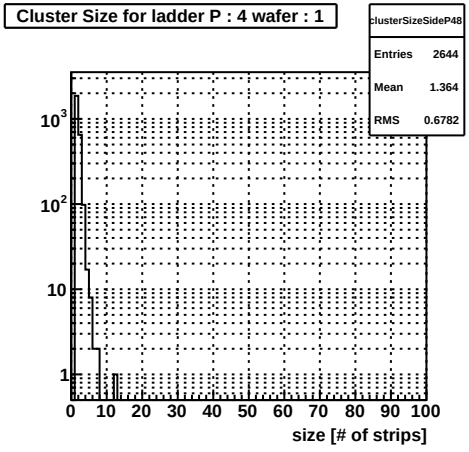

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1817
Mean 1.345
RMS 0.6792
size [# of strips]

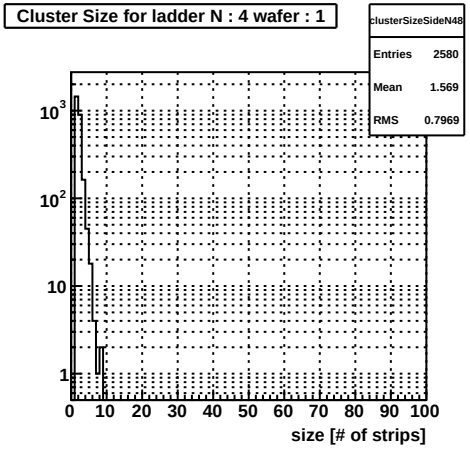

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2558
Mean 1.625
RMS 0.8747
size [# of strips]

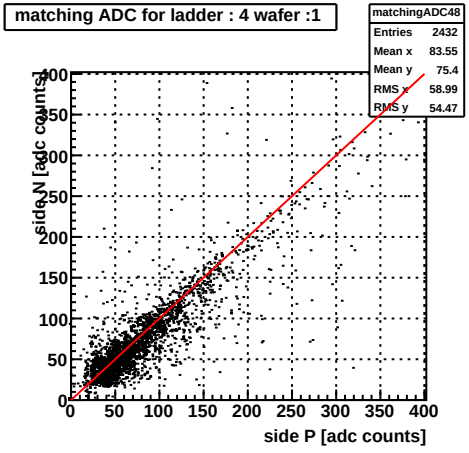

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 1622
Mean x 90.76
Mean y 112.4
RMS x 64.44
RMS y 73.51
side N [adc counts]
side P [adc counts]

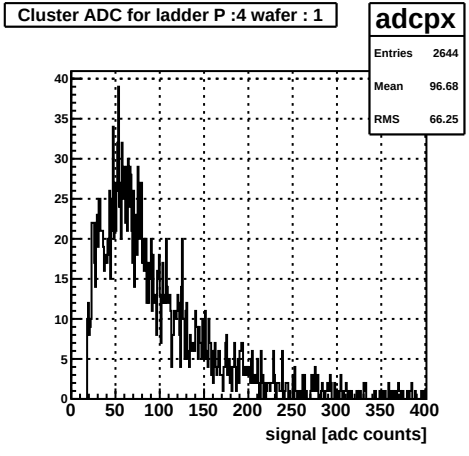

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1817
Mean 76.49
RMS 61.34
signal [adc counts]

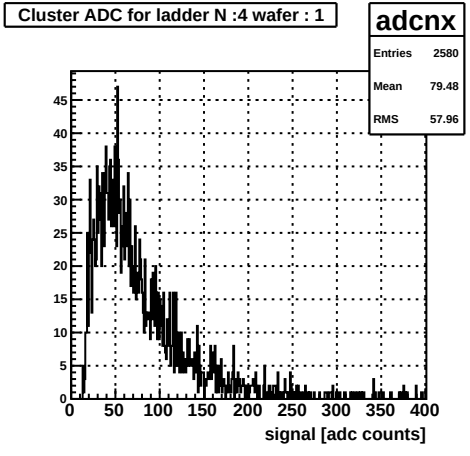

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2558
Mean 98.32
RMS 73.96
signal [adc counts]

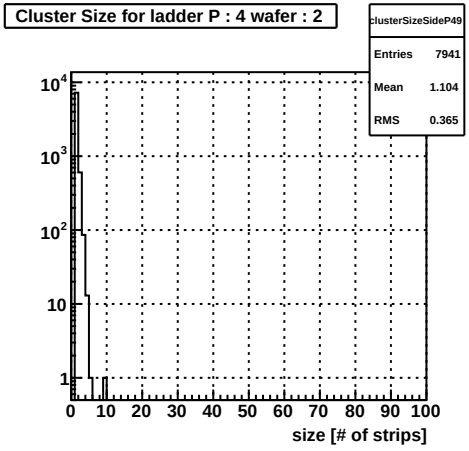

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2644
Mean 1.364
RMS 0.6782
size [# of strips]

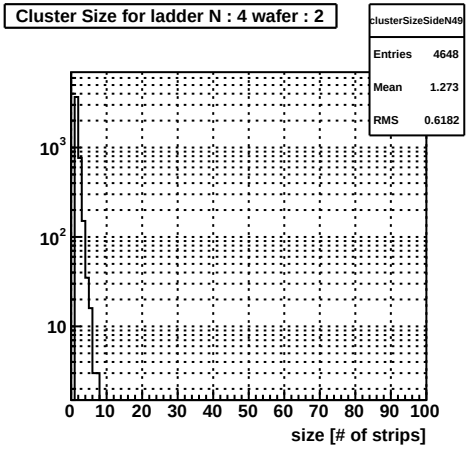

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 2580
Mean 1.569
RMS 0.7969
size [# of strips]

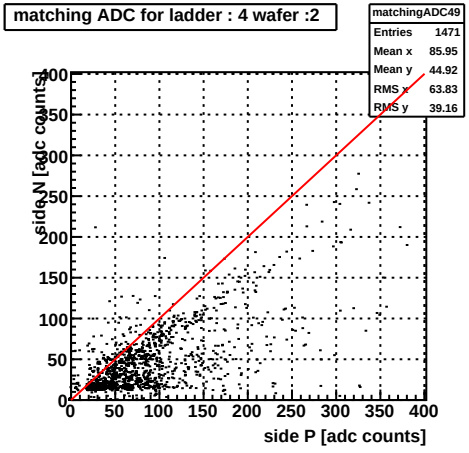

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 2432
Mean x 83.55
Mean y 75.4
RMS x 58.99
RMS y 54.47
side N [adc counts]
side P [adc counts]

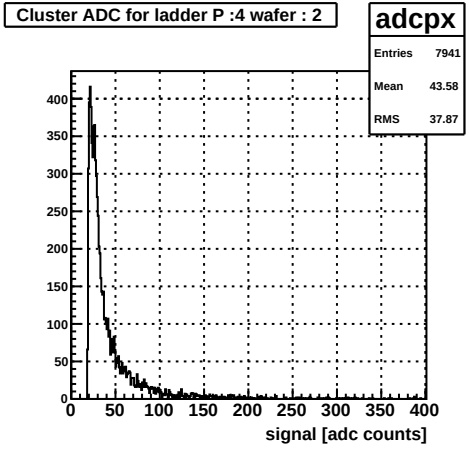

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2644
Mean 96.68
RMS 66.25
signal [adc counts]

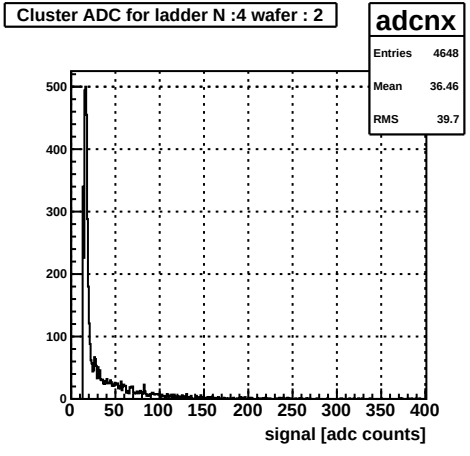

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 2580
Mean 79.48
RMS 57.96
signal [adc counts]

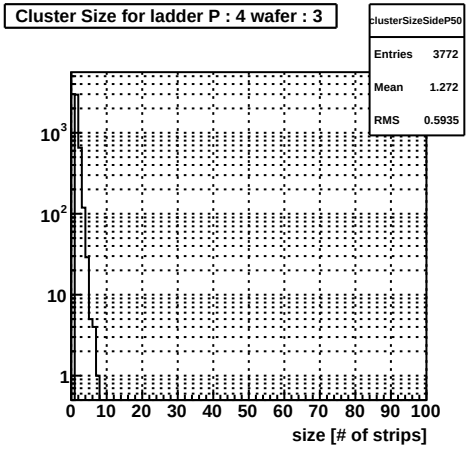

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 7941
Mean 1.104
RMS 0.365
size [# of strips]

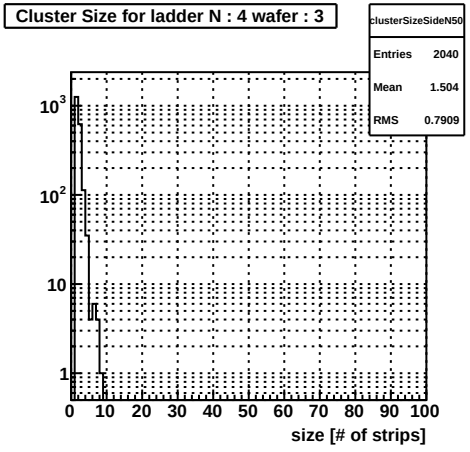

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 4648
Mean 1.273
RMS 0.6182
size [# of strips]

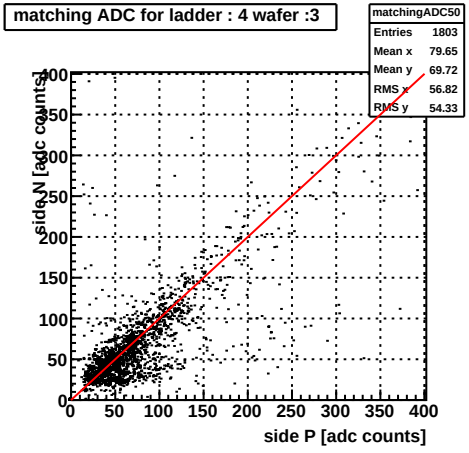

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 1471
Mean x 85.95
Mean y 44.92
RMS x 63.83
RMS y 39.16
side N [adc counts]
side P [adc counts]

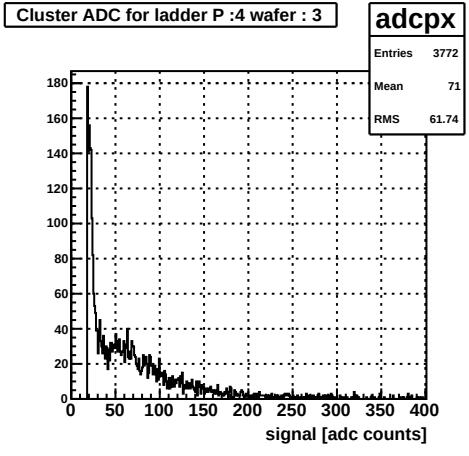

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 7941
Mean 43.58
RMS 37.87
signal [adc counts]

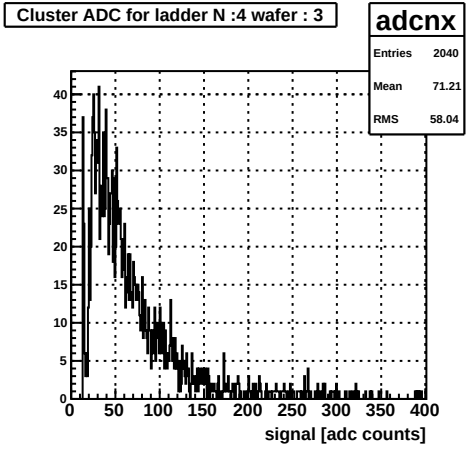

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 4648
Mean 36.46
RMS 39.7
signal [adc counts]

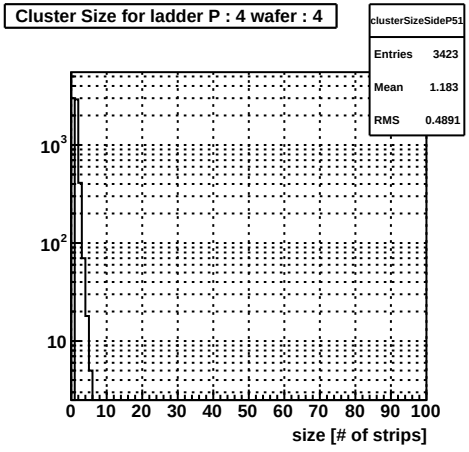

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 3772
Mean 1.272
RMS 0.5935
size [# of strips]

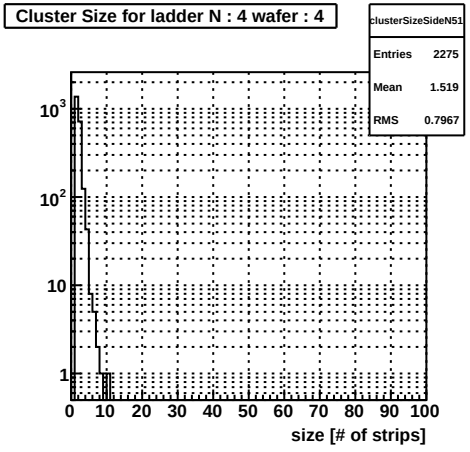

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 2040
Mean 1.504
RMS 0.7909
size [# of strips]

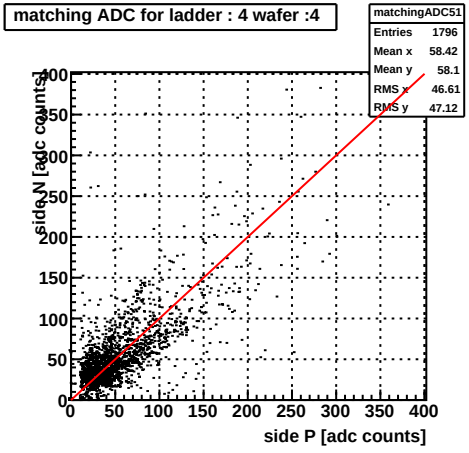

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 1803
Mean x 79.65
Mean y 69.72
RMS x 56.82
RMS y 54.33
side N [adc counts]
side P [adc counts]

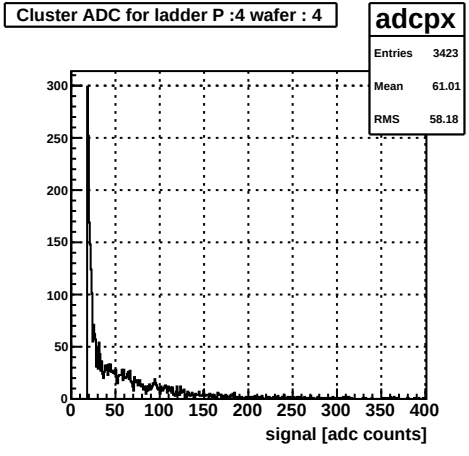

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 3772
Mean 71
RMS 61.74
signal [adc counts]

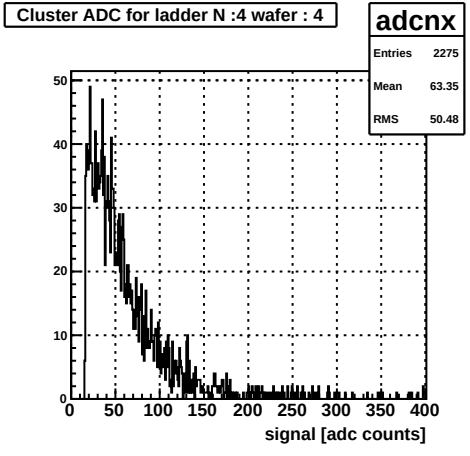

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 2040
Mean 71.21
RMS 58.04
signal [adc counts]

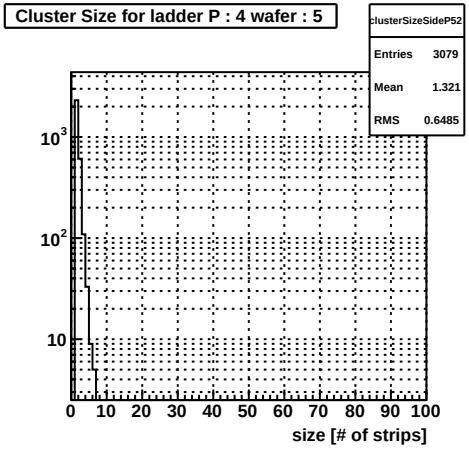

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 3423
Mean 1.183
RMS 0.4891
size [# of strips]

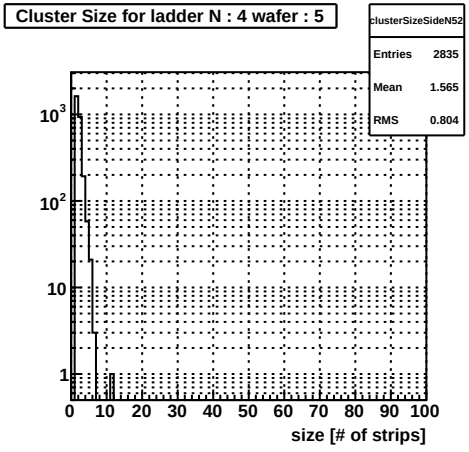

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 2275
Mean 1.519
RMS 0.7967
size [# of strips]

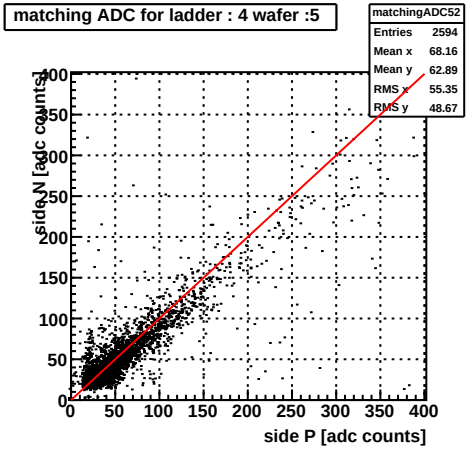

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 1796
Mean x 58.42
Mean y 58.1
RMS x 46.61
RMS y 47.12
side N [adc counts]
side P [adc counts]

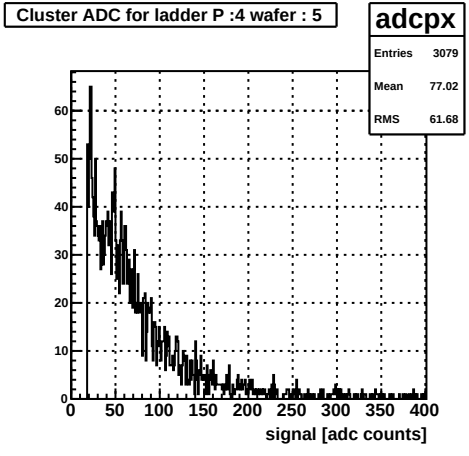

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 3423
Mean 61.01
RMS 58.18
signal [adc counts]

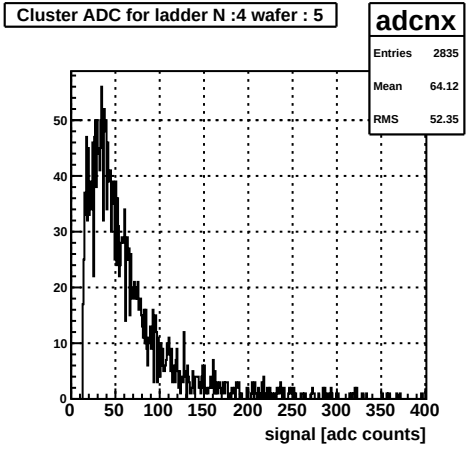

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 2275
Mean 63.35
RMS 50.48
signal [adc counts]

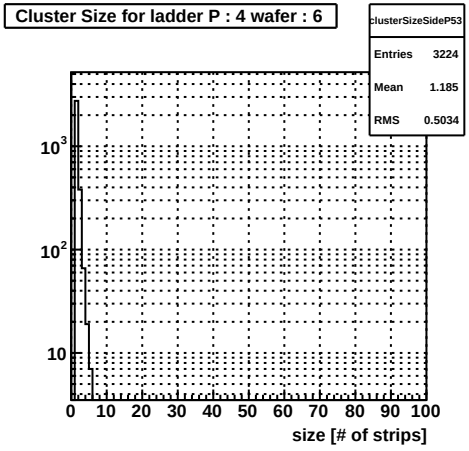

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 3079
Mean 1.321
RMS 0.6485
size [# of strips]

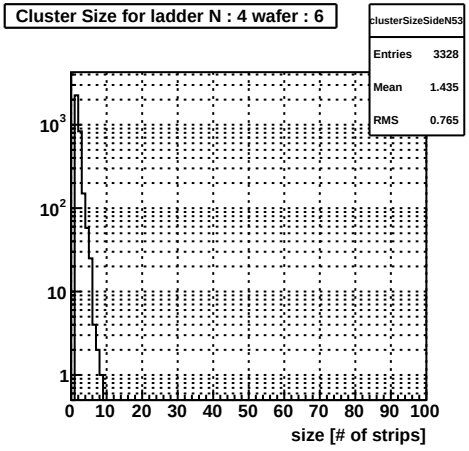

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 2835
Mean 1.565
RMS 0.804
size [# of strips]

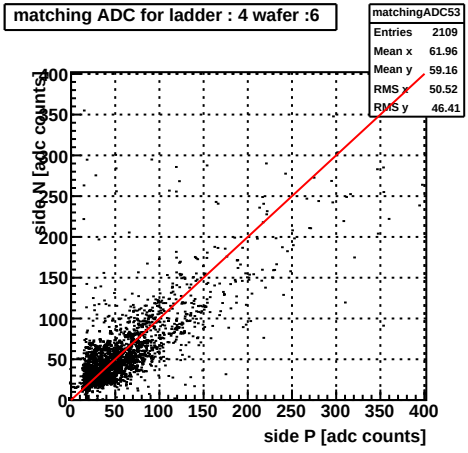

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 2594
Mean x 68.16
Mean y 62.89
RMS x 55.35
RMS y 48.67
side N [adc counts]
side P [adc counts]

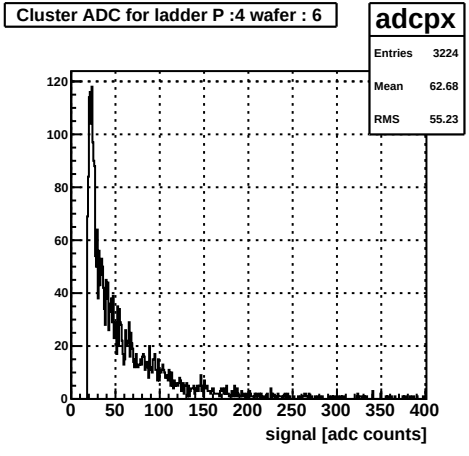

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 3079
Mean 77.02
RMS 61.68
signal [adc counts]

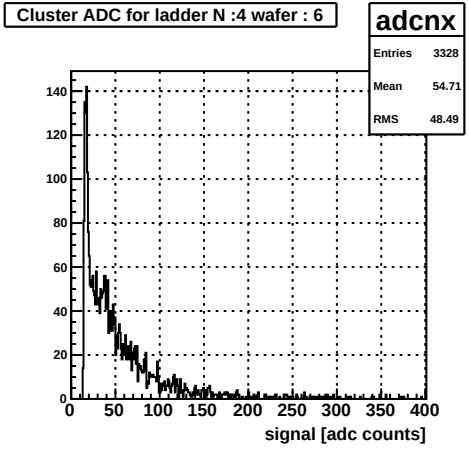

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 2835
Mean 64.12
RMS 52.35
signal [adc counts]

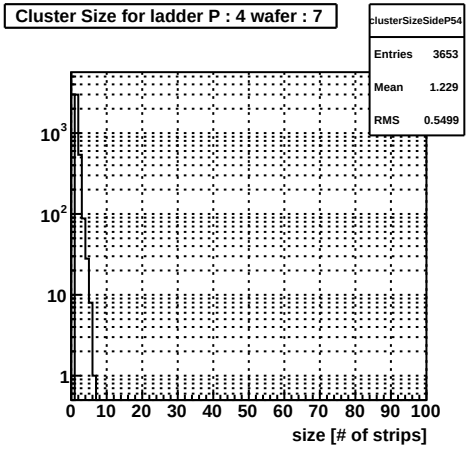

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 3224
Mean 1.185
RMS 0.5034
size [# of strips]

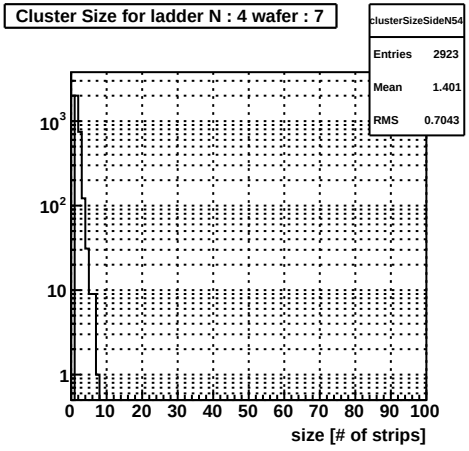

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 3328
Mean 1.435
RMS 0.765
size [# of strips]

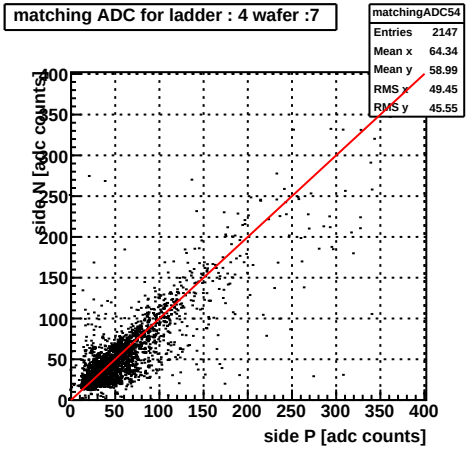

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 2109
Mean x 61.96
Mean y 59.16
RMS x 50.52
RMS y 46.41
side N [adc counts]
side P [adc counts]

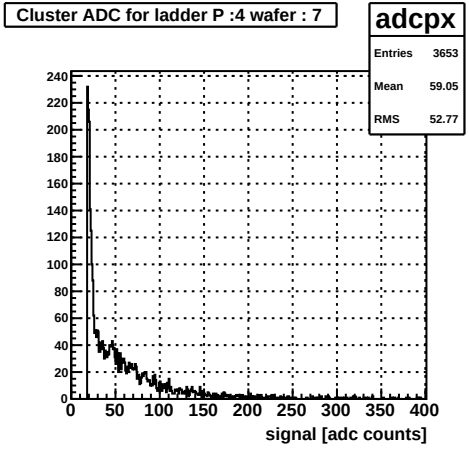

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 3224
Mean 62.68
RMS 55.23
signal [adc counts]

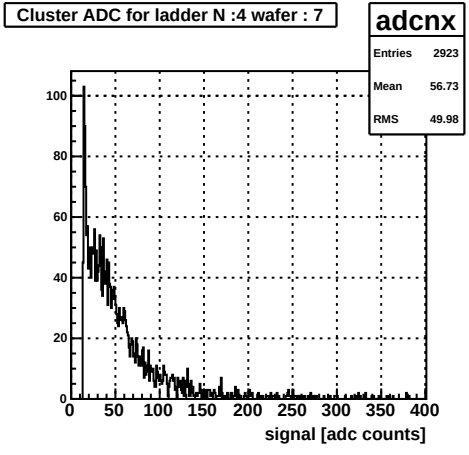

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 3328
Mean 54.71
RMS 48.49
signal [adc counts]

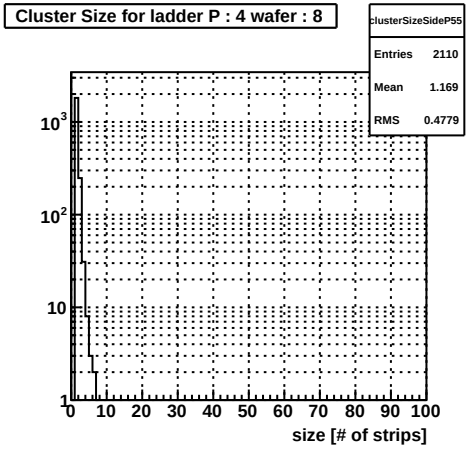

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 3653
Mean 1.229
RMS 0.5499
size [# of strips]

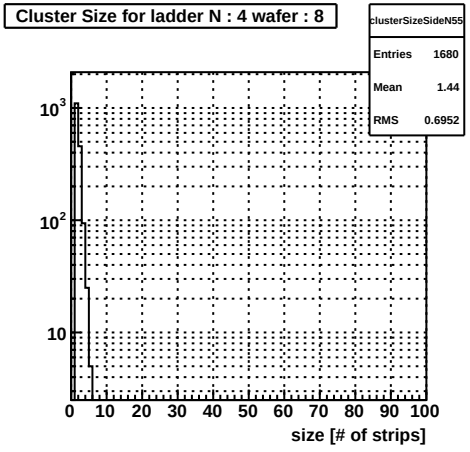

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 2923
Mean 1.401
RMS 0.7043
size [# of strips]

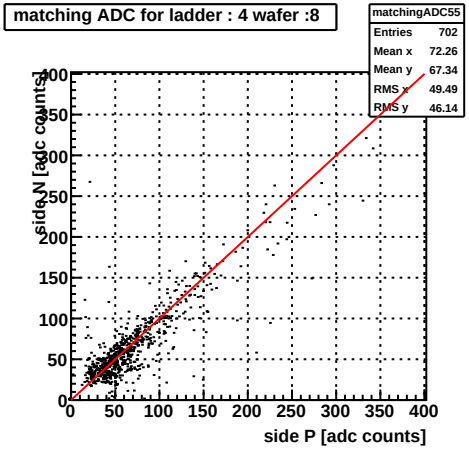

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 2147
Mean x 64.34
Mean y 58.99
RMS x 49.45
RMS y 45.55
side N [adc counts]
side P [adc counts]

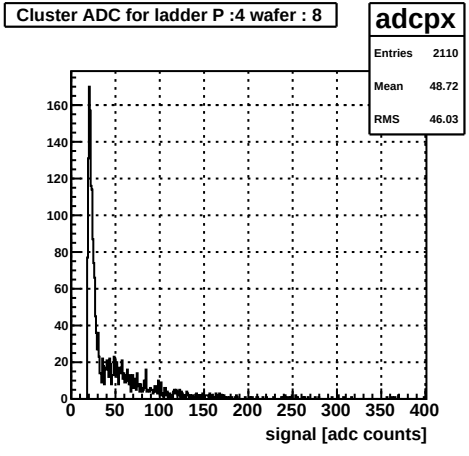

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 3653
Mean 59.05
RMS 52.77
signal [adc counts]

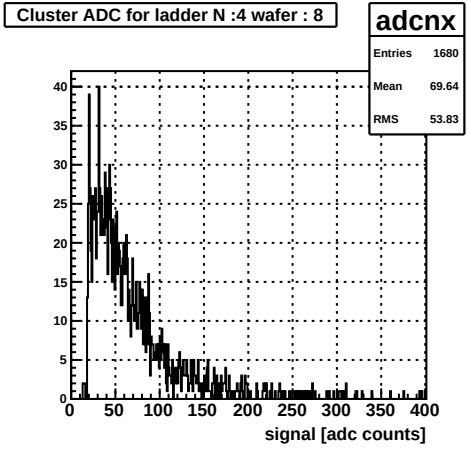

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 2923
Mean 56.73
RMS 49.98
signal [adc counts]

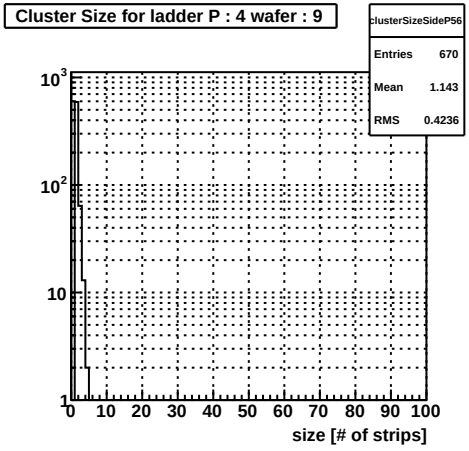

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 2110
Mean 1.169
RMS 0.4779
size [# of strips]

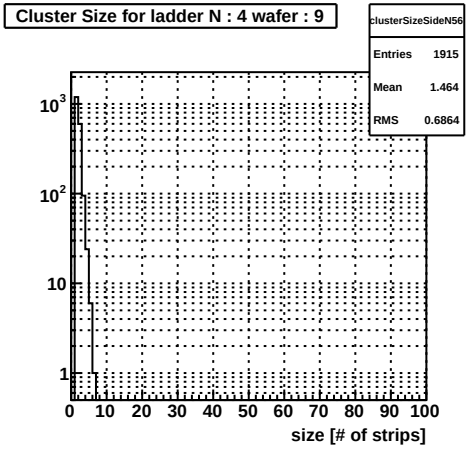

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 1680
Mean 1.44
RMS 0.6952
size [# of strips]

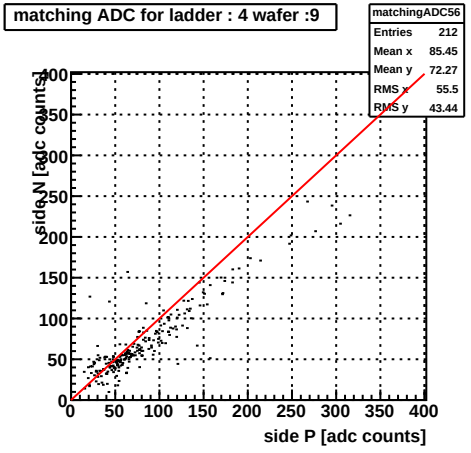

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 702
Mean x 72.26
Mean y 67.34
RMS x 49.49
RMS y 46.14
side N [adc counts]
side P [adc counts]

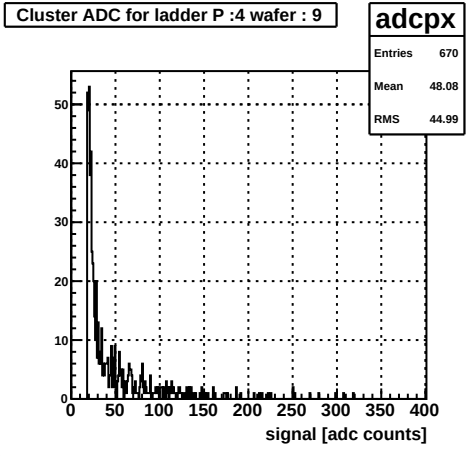

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 2110
Mean 48.72
RMS 46.03
signal [adc counts]

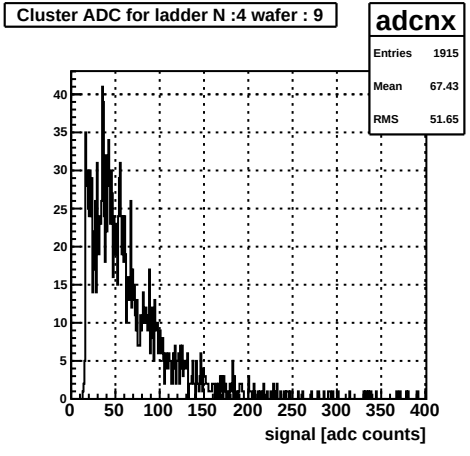

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 1680
Mean 69.64
RMS 53.83
signal [adc counts]

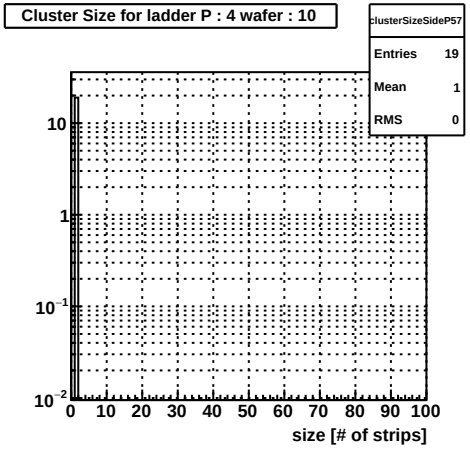

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 670
Mean 1.143
RMS 0.4236
size [# of strips]

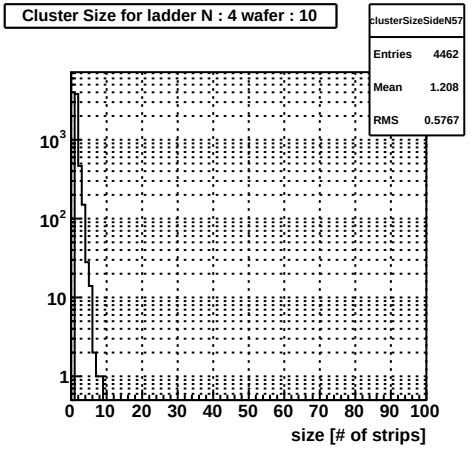

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 1915
Mean 1.464
RMS 0.6864
size [# of strips]

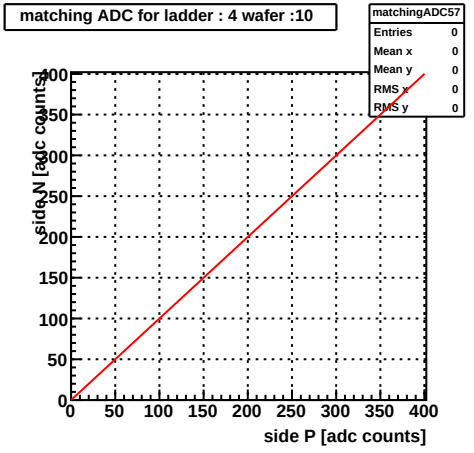

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 212
Mean x 85.45
Mean y 72.27
RMS x 55.5
RMS y 43.44
side N [adc counts]
side P [adc counts]

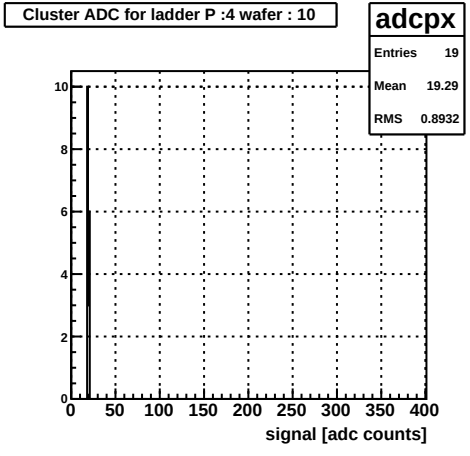

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 670
Mean 48.08
RMS 44.99
signal [adc counts]

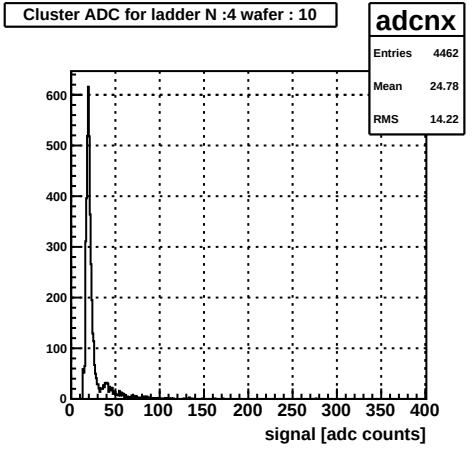

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 1915
Mean 67.43
RMS 51.65
signal [adc counts]

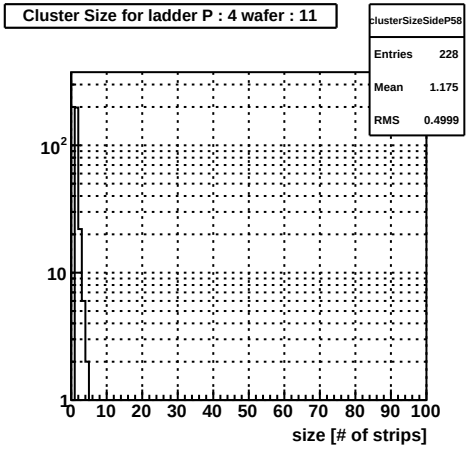

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 19
Mean 1
RMS 0
size [# of strips]

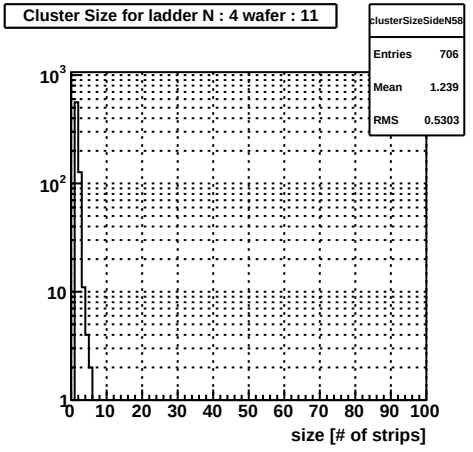

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 4462
Mean 1.208
RMS 0.5767
size [# of strips]

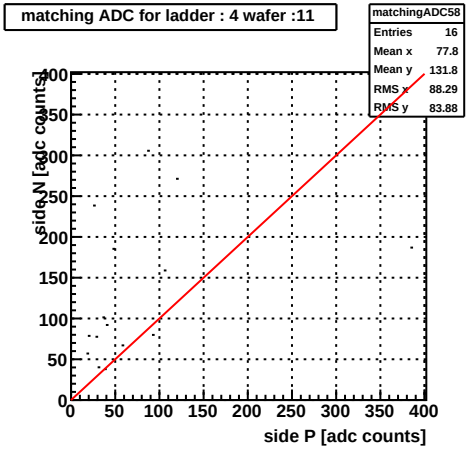

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

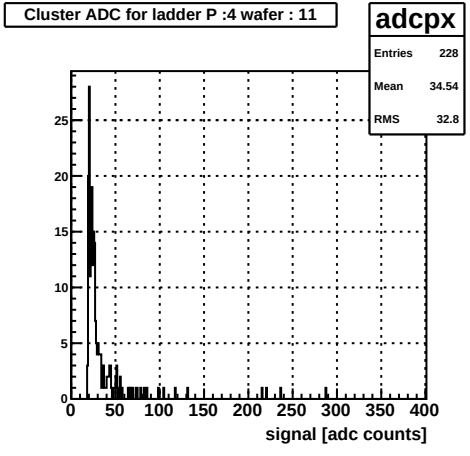

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 19
Mean 19.29
RMS 0.8932
signal [adc counts]

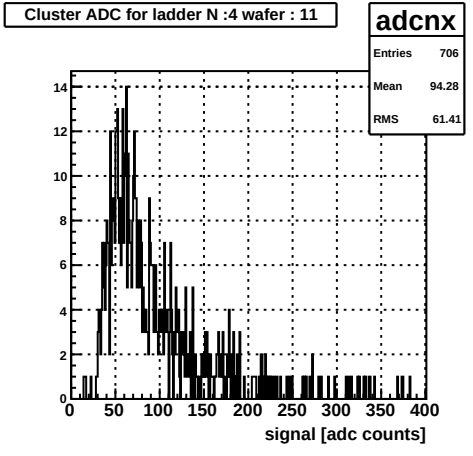

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 4462
Mean 24.78
RMS 14.22
signal [adc counts]

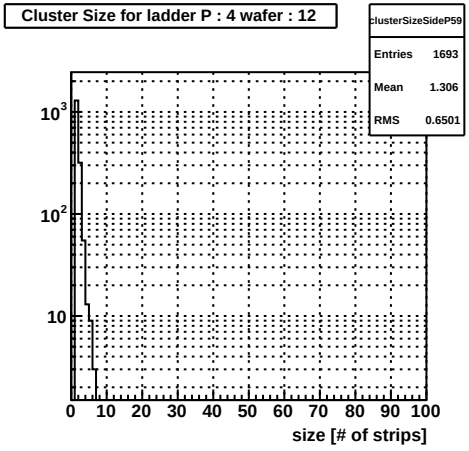

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 228
Mean 1.175
RMS 0.4999
size [# of strips]

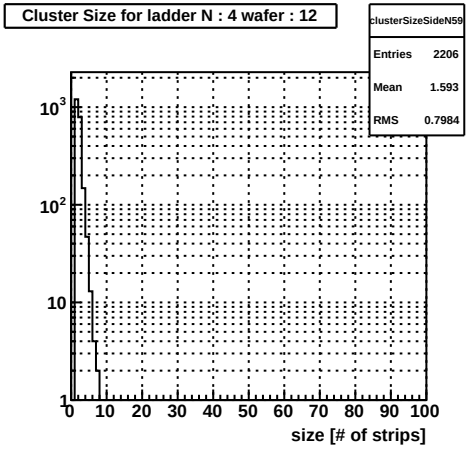

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 706
Mean 1.239
RMS 0.5303
size [# of strips]

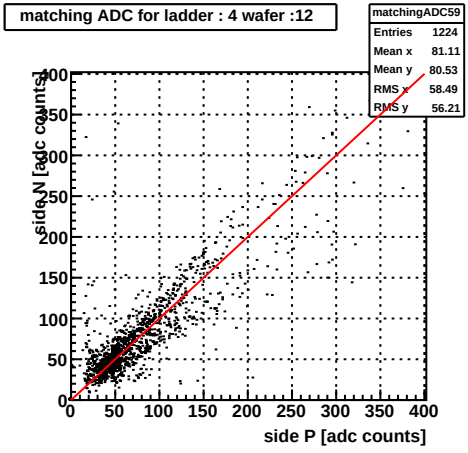

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 16
Mean x 77.8
Mean y 131.8
RMS x 88.29
RMS y 83.88
side N [adc counts]
side P [adc counts]

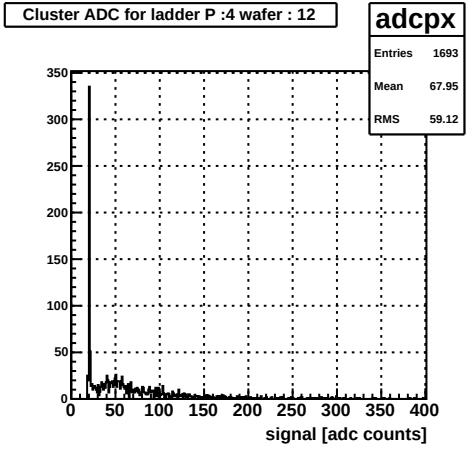

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 228
Mean 34.54
RMS 32.8
signal [adc counts]

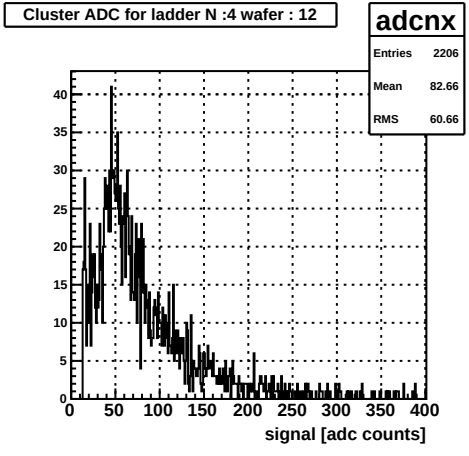

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 706
Mean 94.28
RMS 61.41
signal [adc counts]

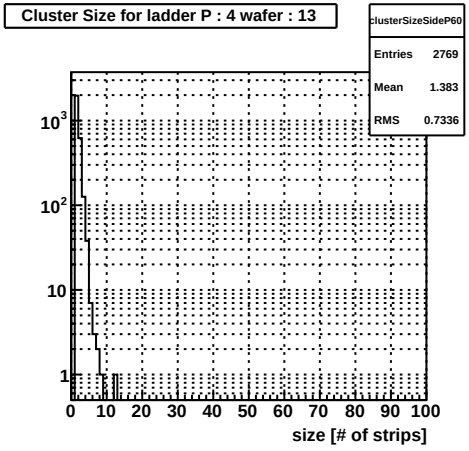

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 1693
Mean 1.306
RMS 0.6501
size [# of strips]

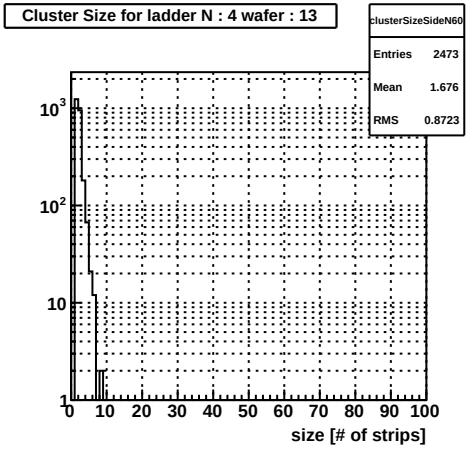

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 2206
Mean 1.593
RMS 0.7984
size [# of strips]

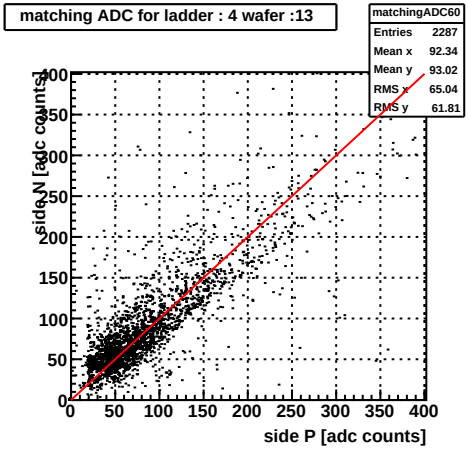

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 1224
Mean x 81.11
Mean y 80.53
RMS x 58.49
RMS y 56.21
side N [adc counts]
side P [adc counts]

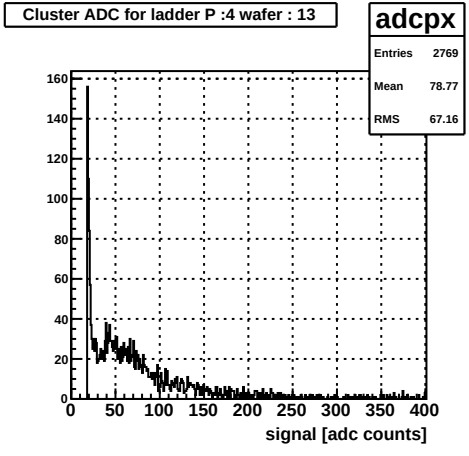

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 1693
Mean 67.95
RMS 59.12
signal [adc counts]

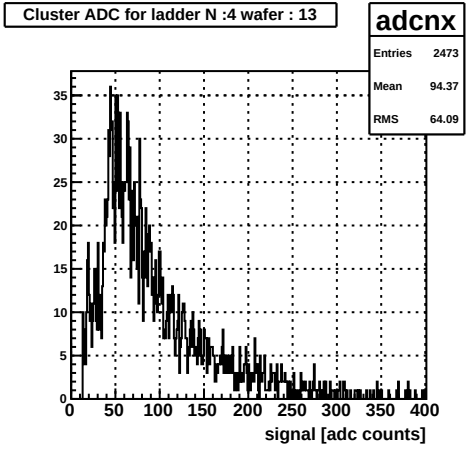

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 2206
Mean 82.66
RMS 60.66
signal [adc counts]

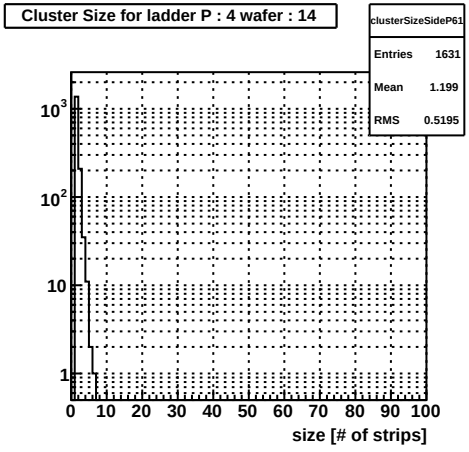

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 2769
Mean 1.383
RMS 0.7336
size [# of strips]

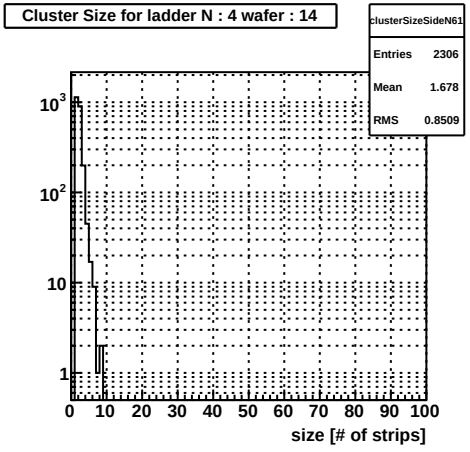

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2473
Mean 1.676
RMS 0.8723
size [# of strips]

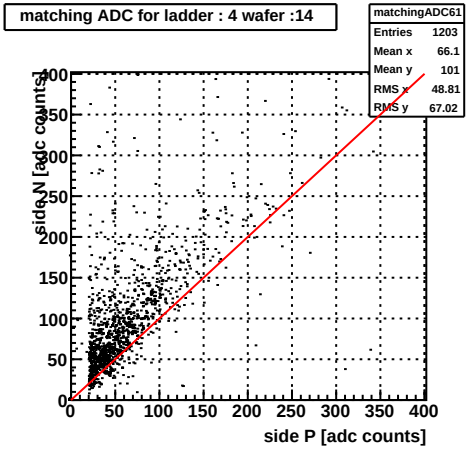

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 2287
Mean x 92.34
Mean y 93.02
RMS x 65.04
RMS y 61.81
side N [adc counts]
side P [adc counts]

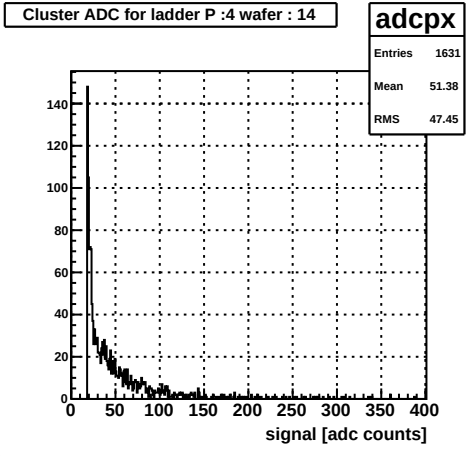

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 2769
Mean 78.77
RMS 67.16
signal [adc counts]

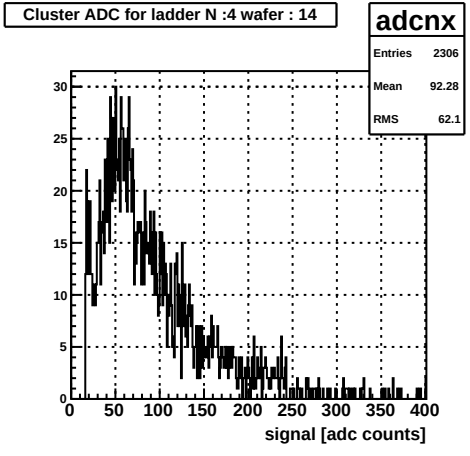

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2473
Mean 94.37
RMS 64.09
signal [adc counts]

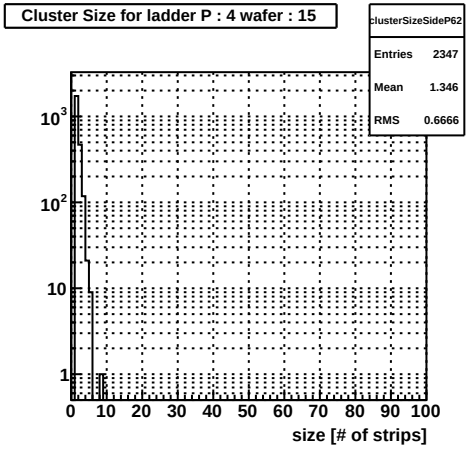

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 1631
Mean 1.199
RMS 0.5195
size [# of strips]

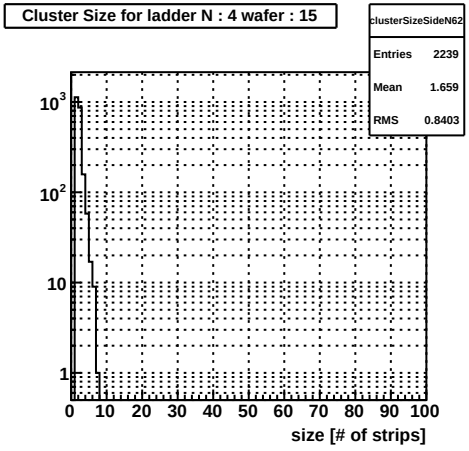

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2306
Mean 1.678
RMS 0.8509
size [# of strips]

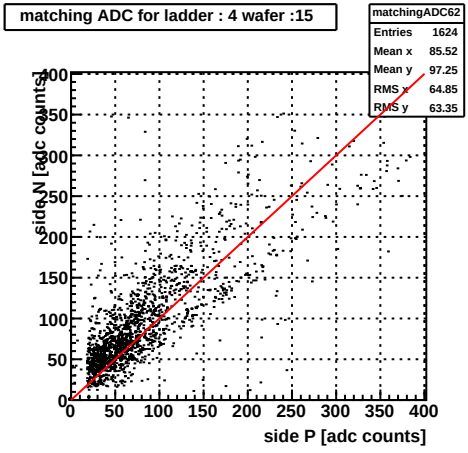

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 1203
Mean x 66.1
Mean y 101
RMS x 48.81
RMS y 67.02
side N [adc counts]
side P [adc counts]

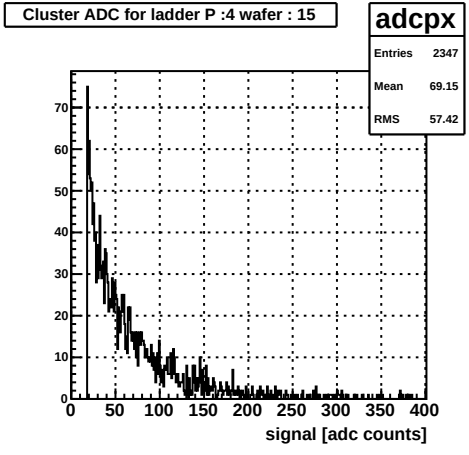

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 1631
Mean 51.38
RMS 47.45
signal [adc counts]

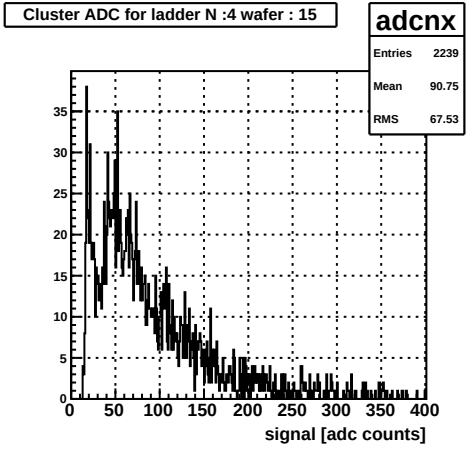

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2306
Mean 92.28
RMS 62.1
signal [adc counts]

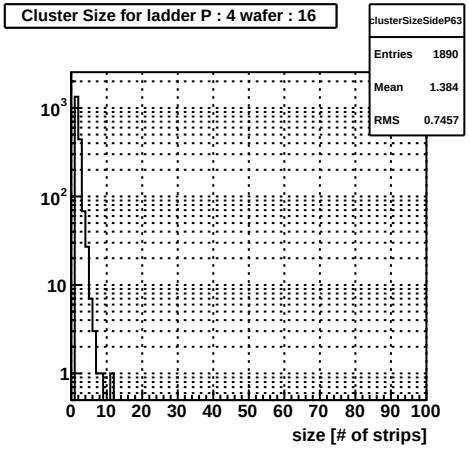

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 2347
Mean 1.346
RMS 0.6666
size [# of strips]

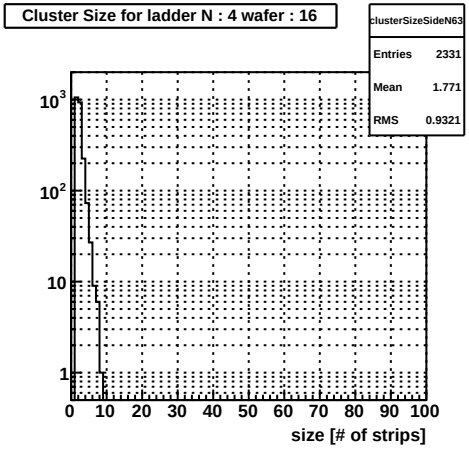

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 2239
Mean 1.659
RMS 0.8403
size [# of strips]

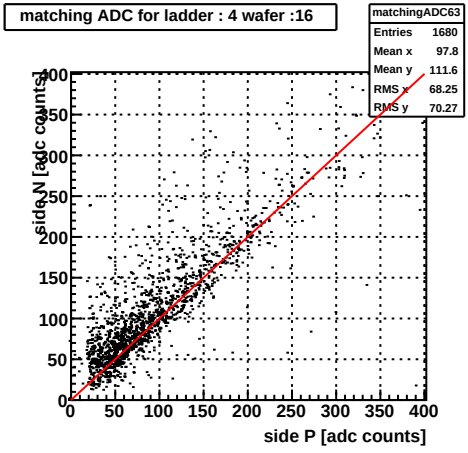

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1624
Mean x 85.52
Mean y 97.25
RMS x 64.85
RMS y 63.35
side N [adc counts]
side P [adc counts]

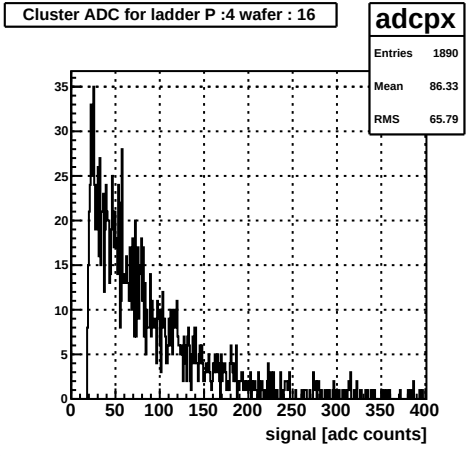

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 2347
Mean 69.15
RMS 57.42
signal [adc counts]

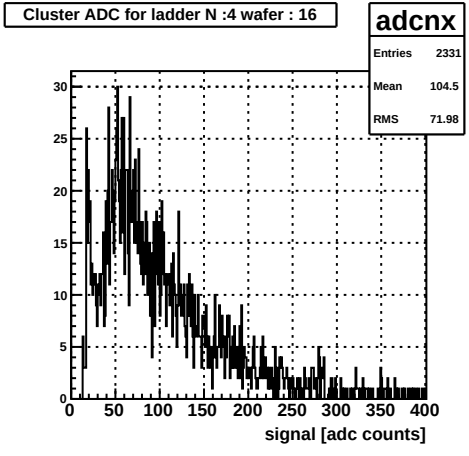

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 2239
Mean 90.75
RMS 67.53
signal [adc counts]

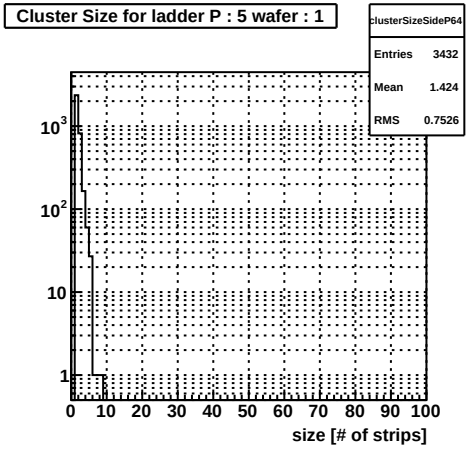

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1890
Mean 1.384
RMS 0.7457
size [# of strips]

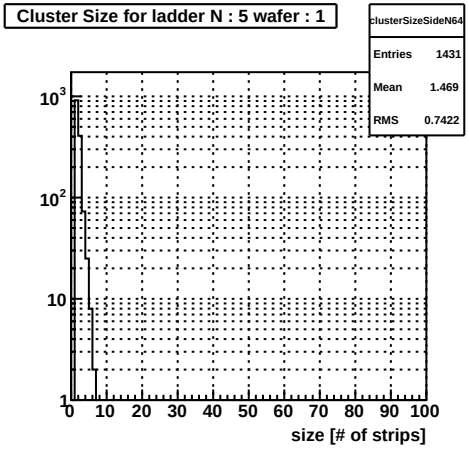

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2331
Mean 1.771
RMS 0.9321
size [# of strips]

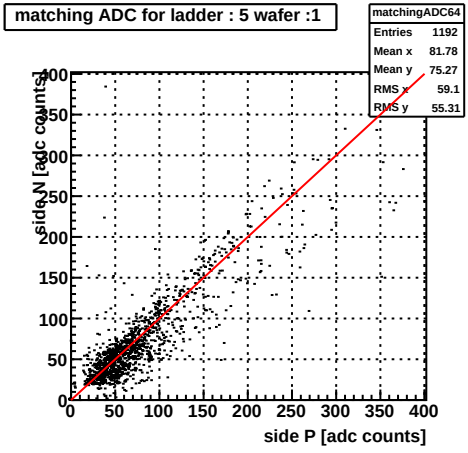

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1680
Mean x 97.8
Mean y 111.6
RMS x 68.25
RMS y 70.27
side N [adc counts]
side P [adc counts]

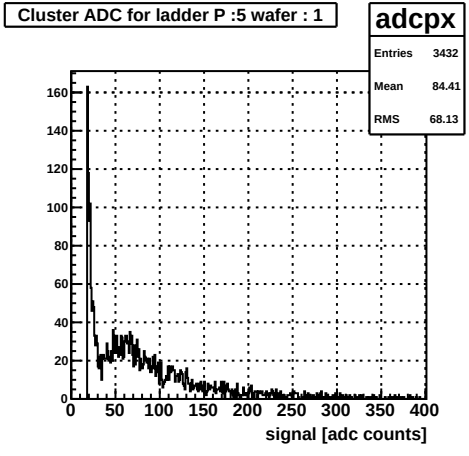

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1890
Mean 86.33
RMS 65.79
signal [adc counts]

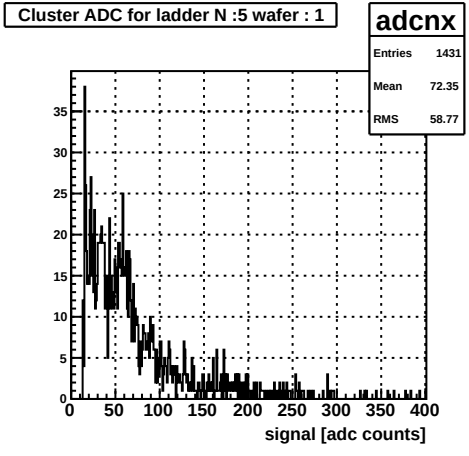

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2331
Mean 104.5
RMS 71.98
signal [adc counts]

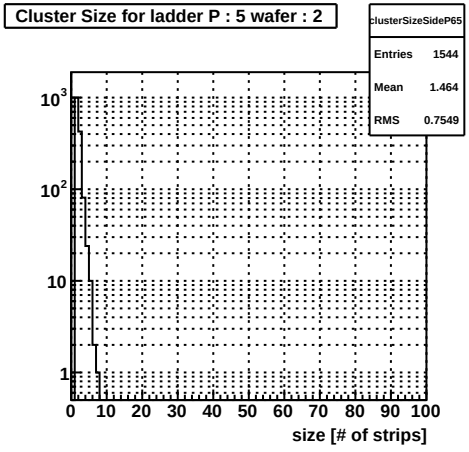

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 3432
Mean 1.424
RMS 0.7526
size [# of strips]

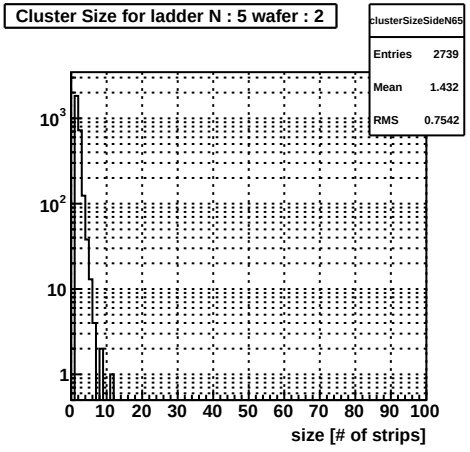

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1431
Mean 1.469
RMS 0.7422
size [# of strips]

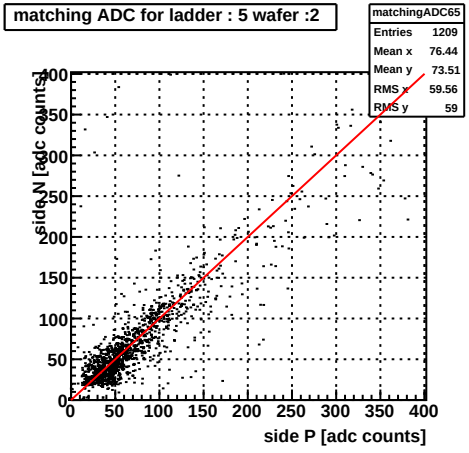

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 1192
Mean x 81.78
Mean y 75.27
RMS x 59.1
RMS y 55.31
side N [adc counts]
side P [adc counts]

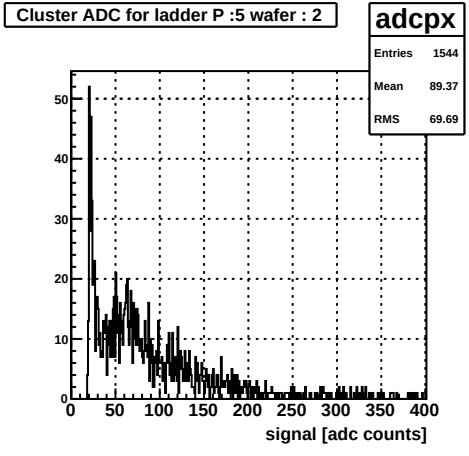

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 3432
Mean 84.41
RMS 68.13
signal [adc counts]

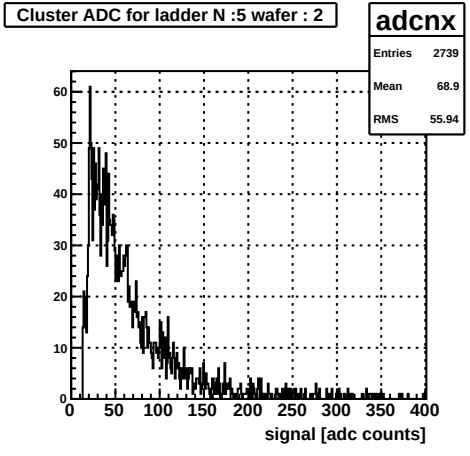

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1431
Mean 72.35
RMS 58.77
signal [adc counts]

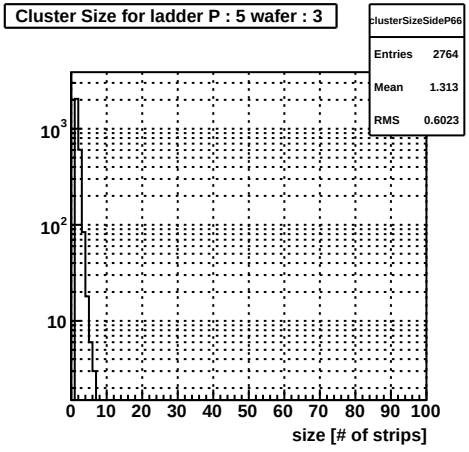

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1544
Mean 1.464
RMS 0.7549
size [# of strips]

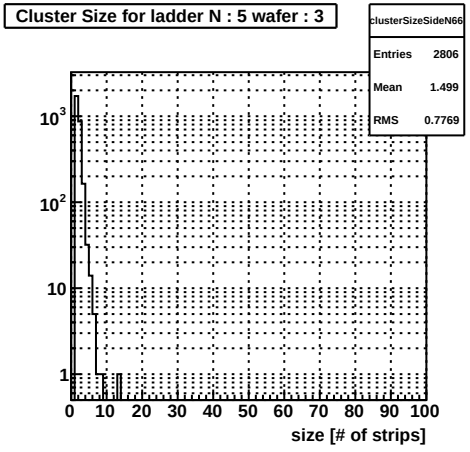

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 2739
Mean 1.432
RMS 0.7542
size [# of strips]

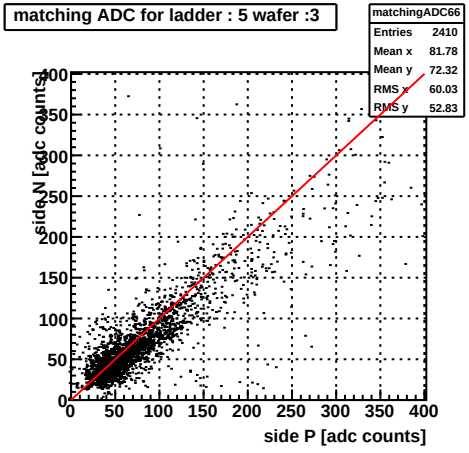

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 1209
Mean x 76.44
Mean y 73.51
RMS x 59.56
RMS y 59
side N [adc counts]
side P [adc counts]

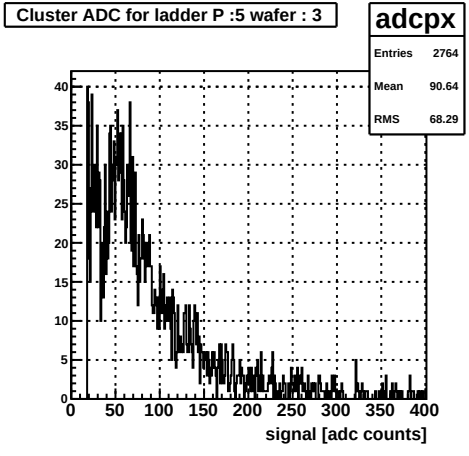

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1544
Mean 89.37
RMS 69.69
signal [adc counts]

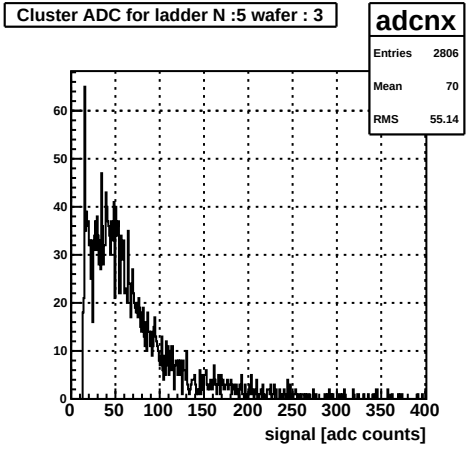

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 2739
Mean 68.9
RMS 55.94
signal [adc counts]

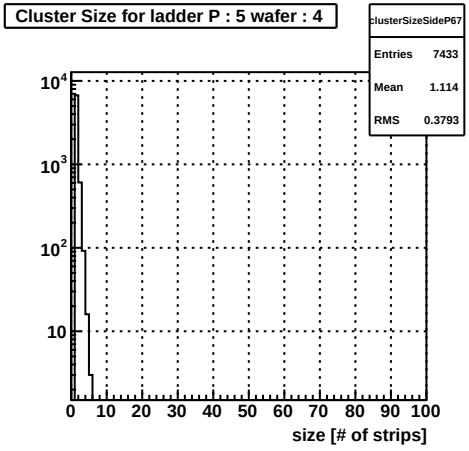

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 2764
Mean 1.313
RMS 0.6023
size [# of strips]

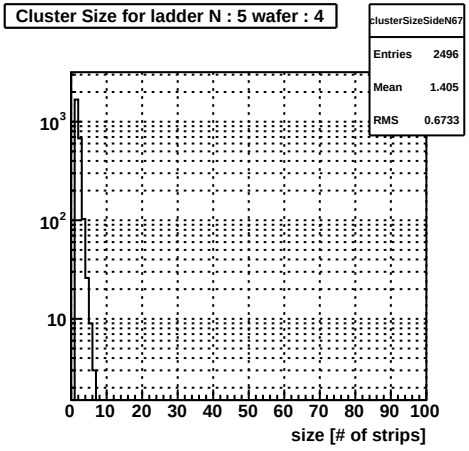

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 2806
Mean 1.499
RMS 0.7769
size [# of strips]

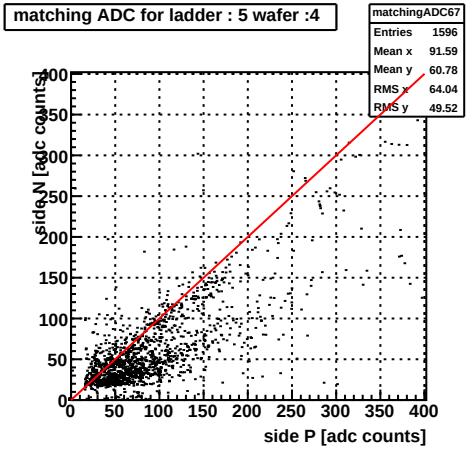

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 2410
Mean x 81.78
Mean y 72.32
RMS x 60.03
RMS y 52.83
side N [adc counts]
side P [adc counts]

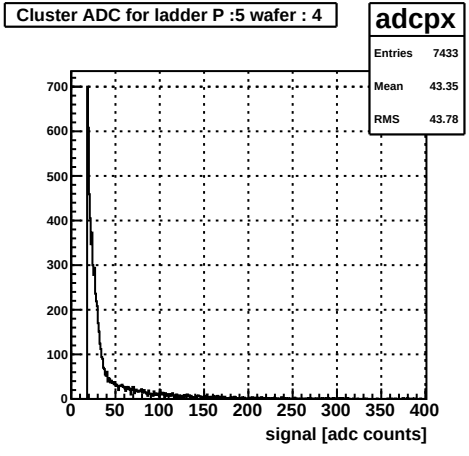

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 2764
Mean 90.64
RMS 68.29
signal [adc counts]

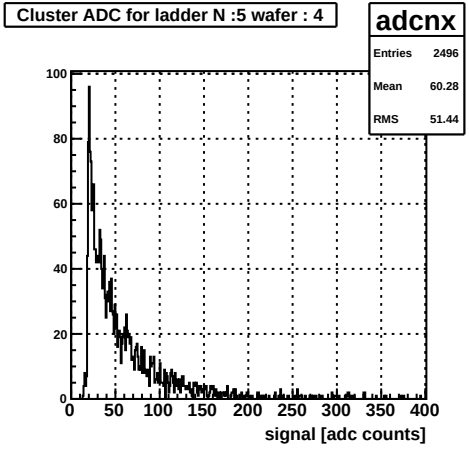

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 2806
Mean 70
RMS 55.14
signal [adc counts]

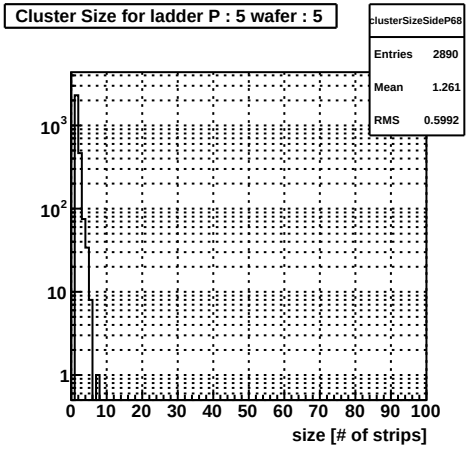

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 7433
Mean 1.114
RMS 0.3793
size [# of strips]

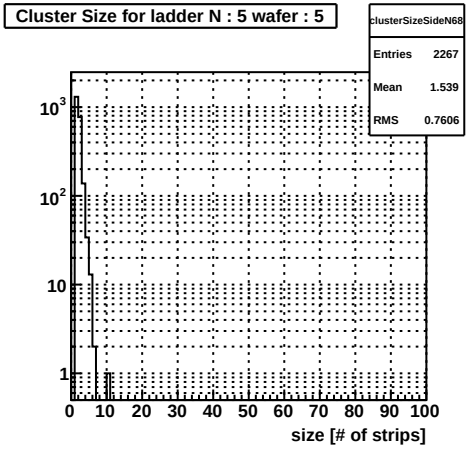

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 2496
Mean 1.405
RMS 0.6733
size [# of strips]

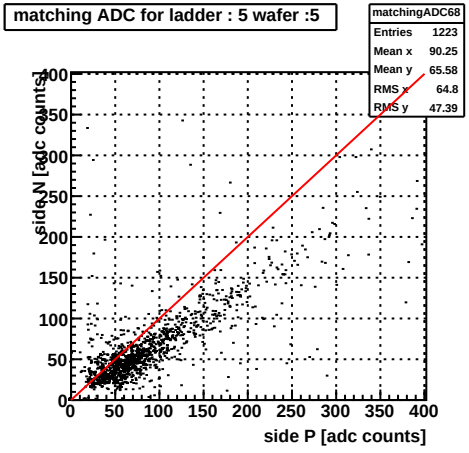

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 1596
Mean x 91.59
Mean y 60.78
RMS x 64.04
RMS y 49.52
side N [adc counts]
side P [adc counts]

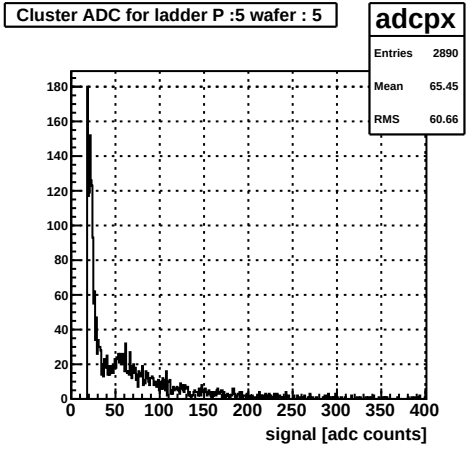

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 7433
Mean 43.35
RMS 43.78
signal [adc counts]

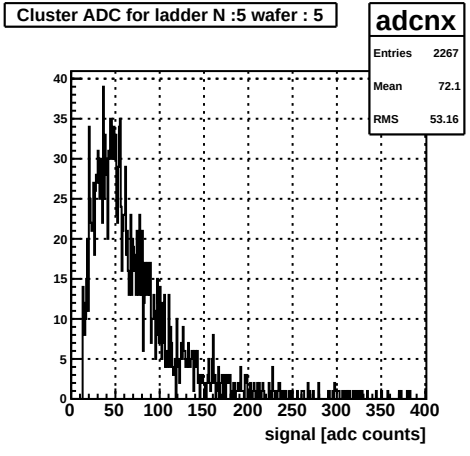

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 2496
Mean 60.28
RMS 51.44
signal [adc counts]

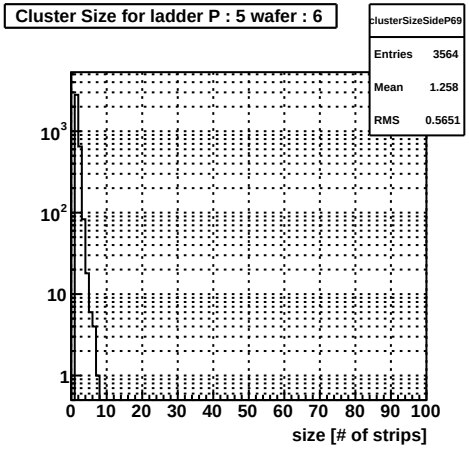

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 2890
Mean 1.261
RMS 0.5992
size [# of strips]

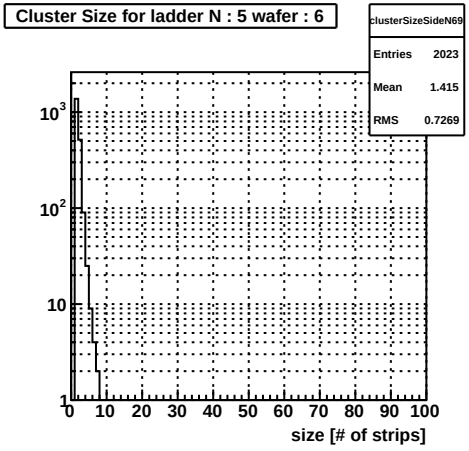

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 2267
Mean 1.539
RMS 0.7606
size [# of strips]

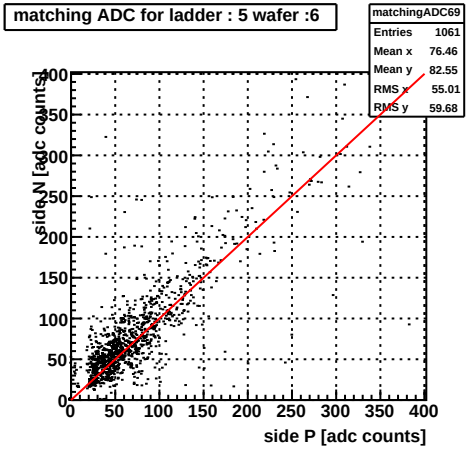

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 1223
Mean x 90.25
Mean y 65.58
RMS x 64.8
RMS y 47.39
side N [adc counts]
side P [adc counts]

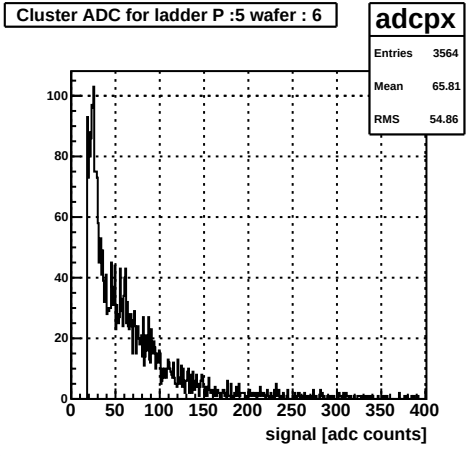

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 2890
Mean 65.45
RMS 60.66
signal [adc counts]

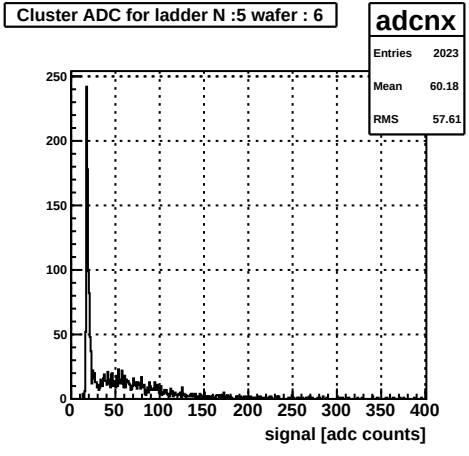

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 2267
Mean 72.1
RMS 53.16
signal [adc counts]

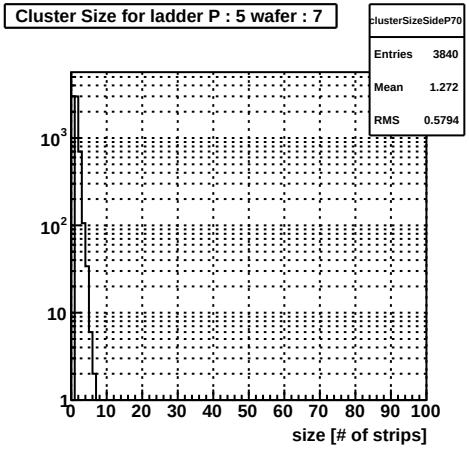

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 3564
Mean 1.258
RMS 0.5651
size [# of strips]

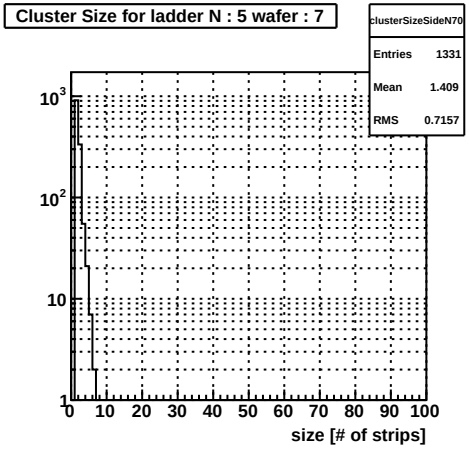

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 2023
Mean 1.415
RMS 0.7269
size [# of strips]

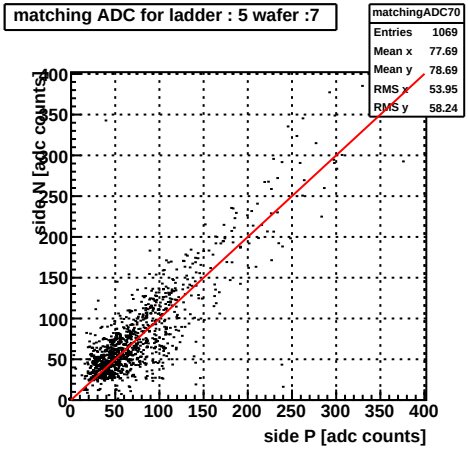

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 1061
Mean x 76.46
Mean y 82.55
RMS x 55.01
RMS y 59.68
side N [adc counts]
side P [adc counts]

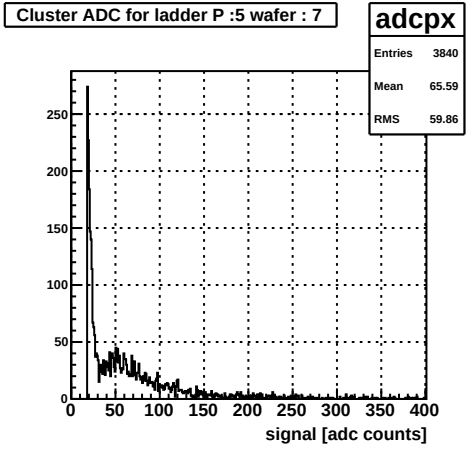

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 3564
Mean 65.81
RMS 54.86
signal [adc counts]

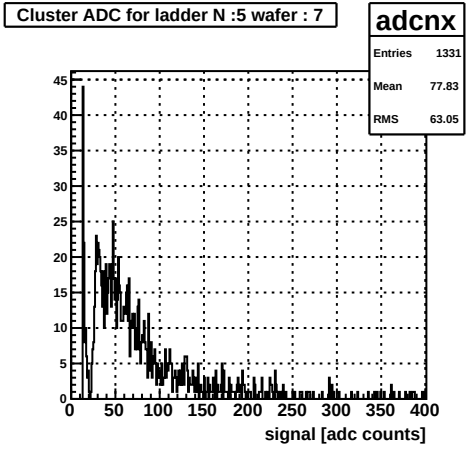

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 2023
Mean 60.18
RMS 57.61
signal [adc counts]

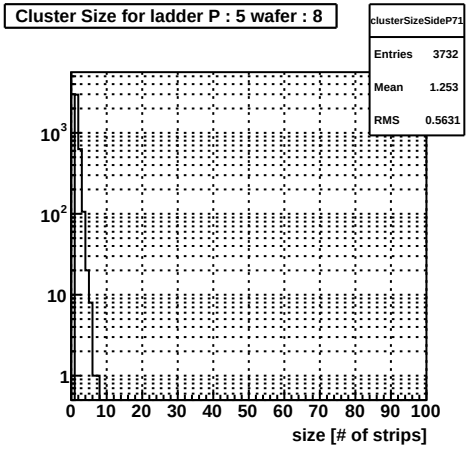

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 3840
Mean 1.272
RMS 0.5794
size [# of strips]

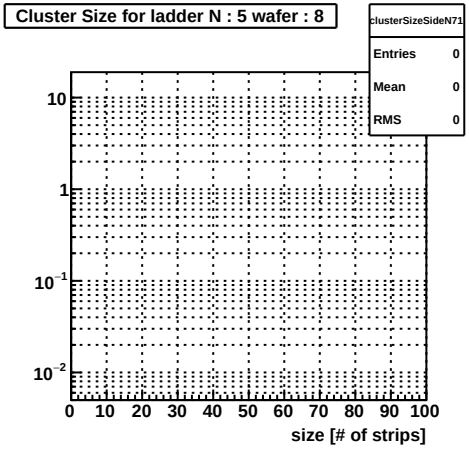

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1331
Mean 1.409
RMS 0.7157
size [# of strips]

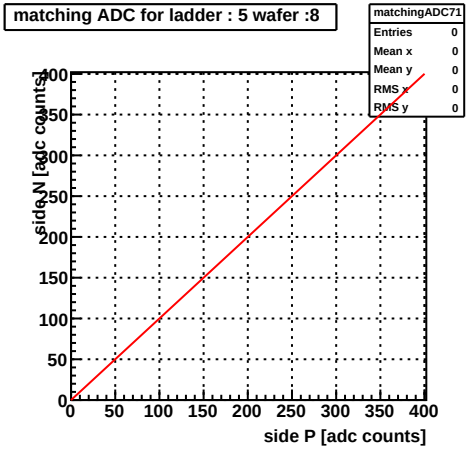

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 1069
Mean x 77.69
Mean y 78.69
RMS x 53.95
RMS y 58.24
side N [adc counts]
side P [adc counts]

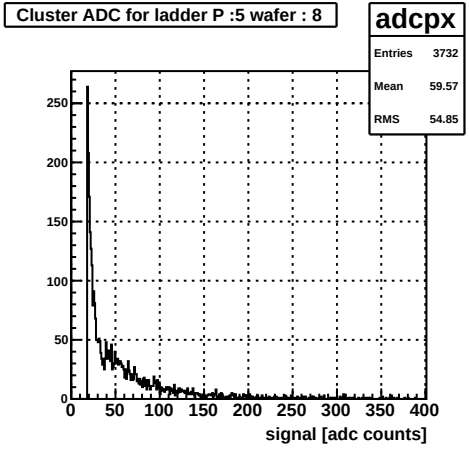

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 3840
Mean 65.59
RMS 59.86
signal [adc counts]

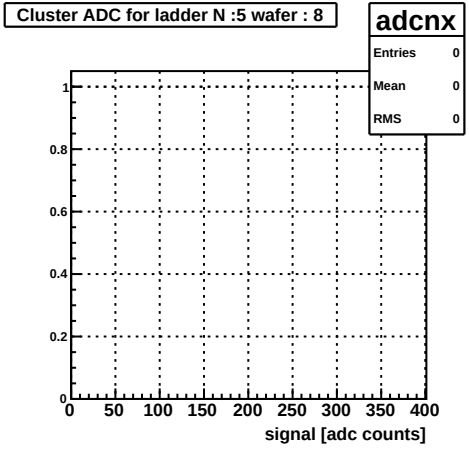

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1331
Mean 77.83
RMS 63.05
signal [adc counts]

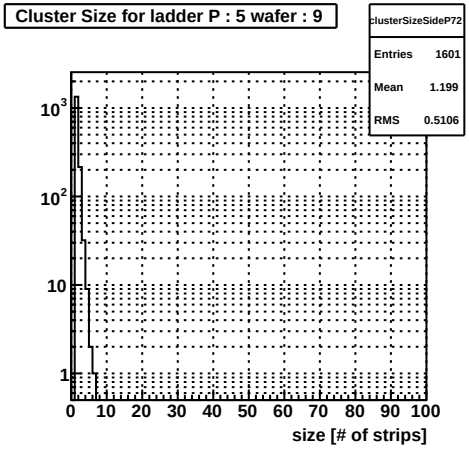

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 3732
Mean 1.253
RMS 0.5631
size [# of strips]

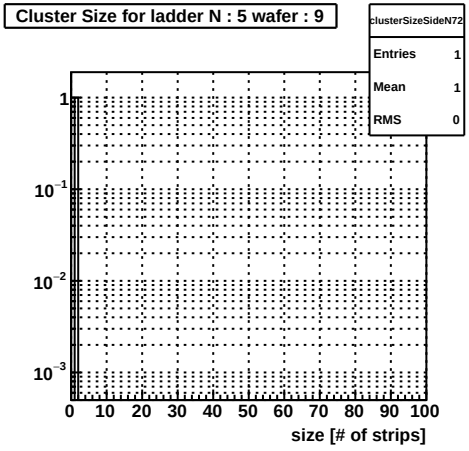

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

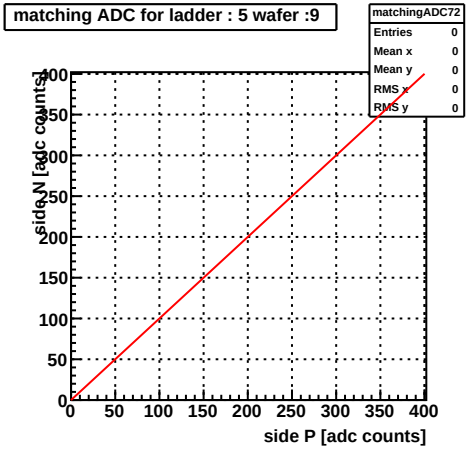

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

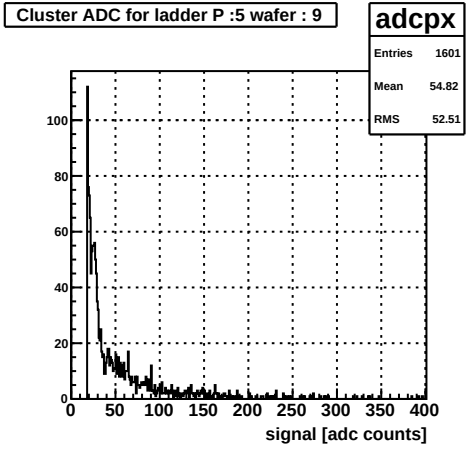

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 3732
Mean 59.57
RMS 54.85
signal [adc counts]

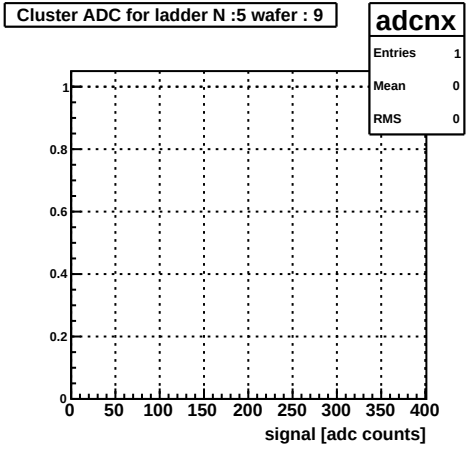

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

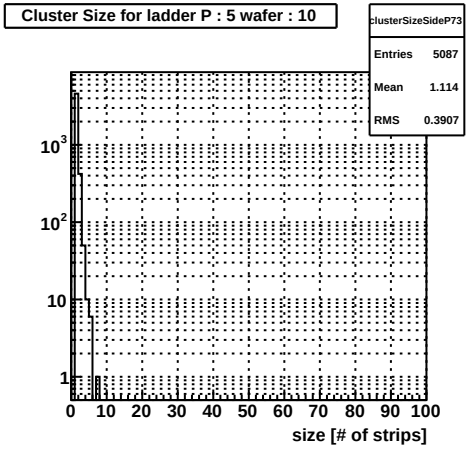

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 1601
Mean 1.199
RMS 0.5106
size [# of strips]

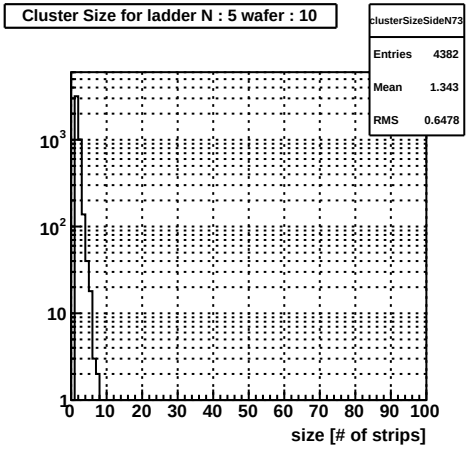

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 1
Mean 1
RMS 0
size [# of strips]

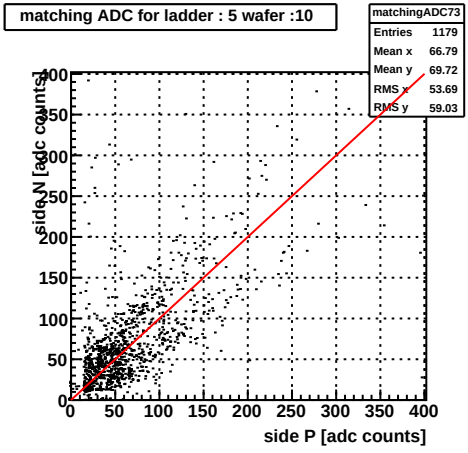

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

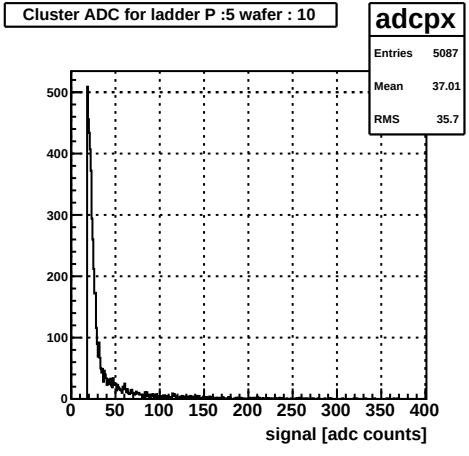

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 1601
Mean 54.82
RMS 52.51
signal [adc counts]

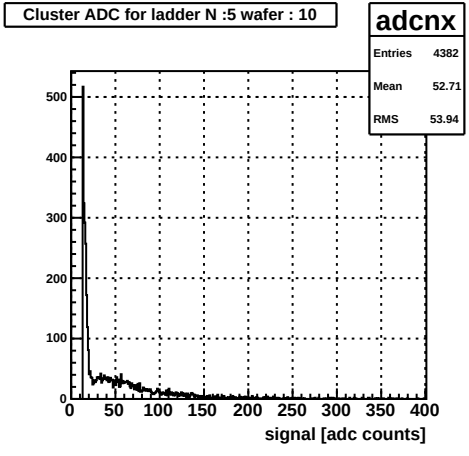

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

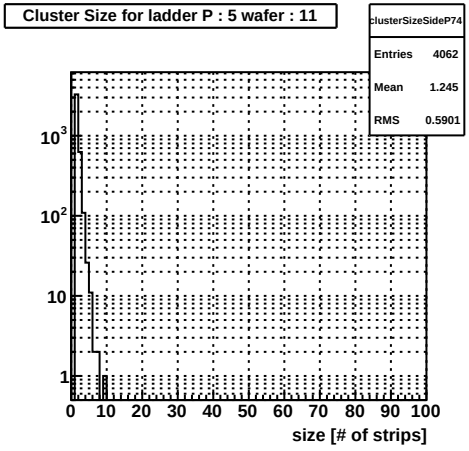

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 5087
Mean 1.114
RMS 0.3907
size [# of strips]

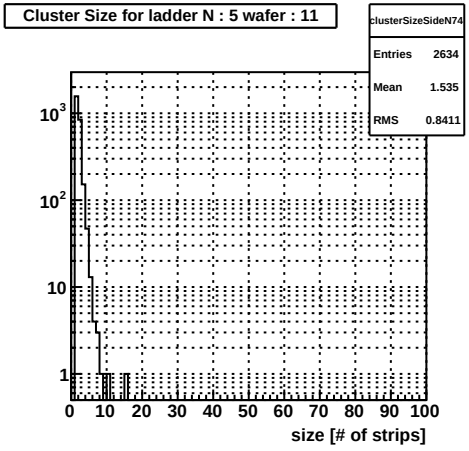

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 4382
Mean 1.343
RMS 0.6478
size [# of strips]

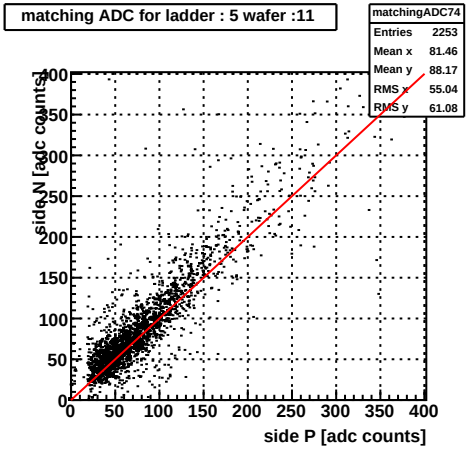

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 1179
Mean x 66.79
Mean y 69.72
RMS x 53.69
RMS y 59.03
side N [adc counts]
side P [adc counts]

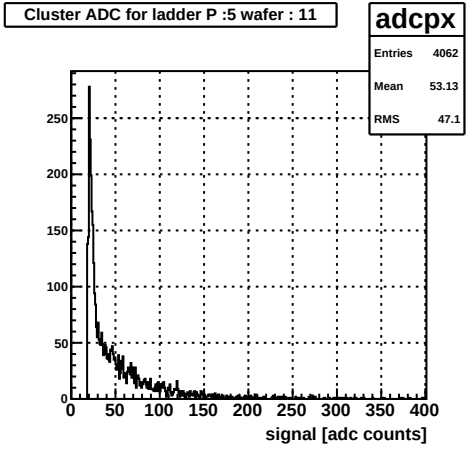

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 5087
Mean 37.01
RMS 35.7
signal [adc counts]

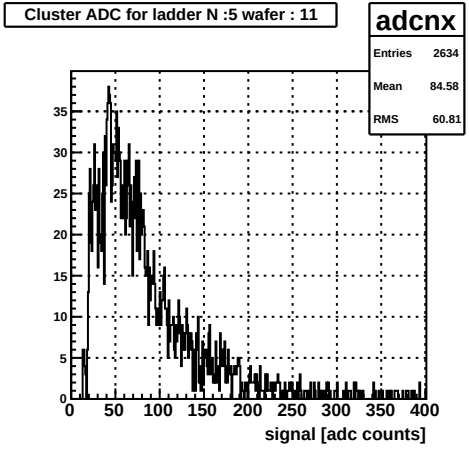

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 4382
Mean 52.71
RMS 53.94
signal [adc counts]

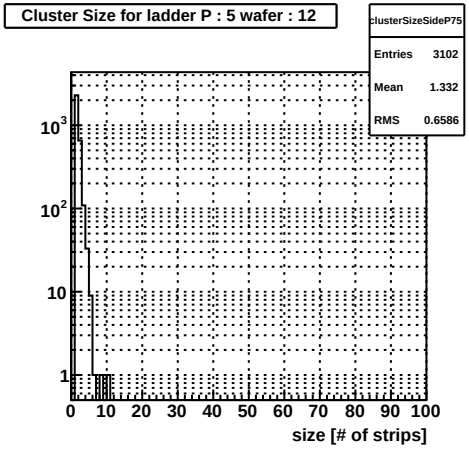

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 4062
Mean 1.245
RMS 0.5901
size [# of strips]

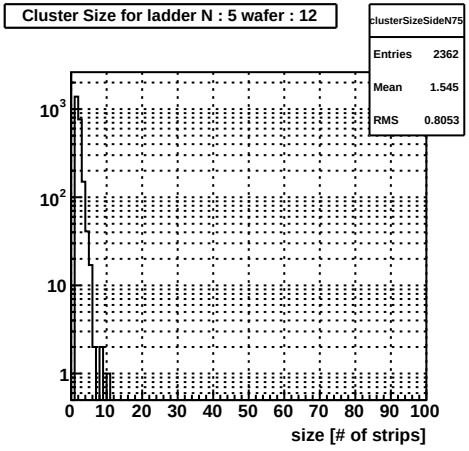

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2634
Mean 1.535
RMS 0.8411
size [# of strips]

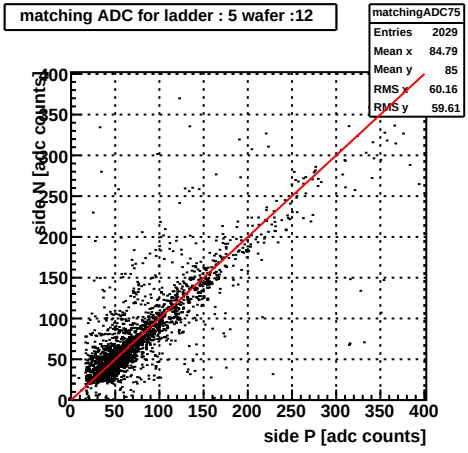

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 2253
Mean x 81.46
Mean y 88.17
RMS x 55.04
RMS y 61.08
side N [adc counts]
side P [adc counts]

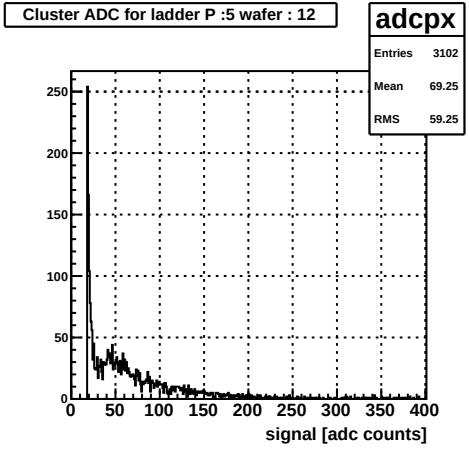

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 4062
Mean 53.13
RMS 47.1
signal [adc counts]

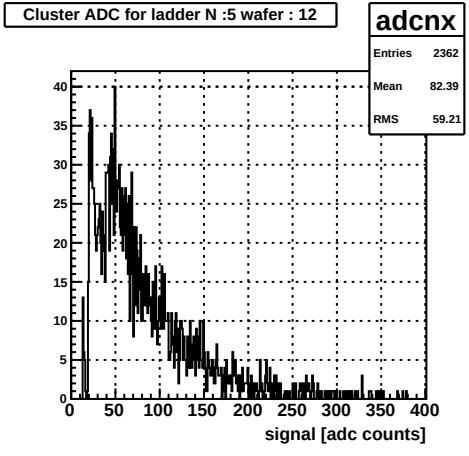

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2634
Mean 84.58
RMS 60.81
signal [adc counts]

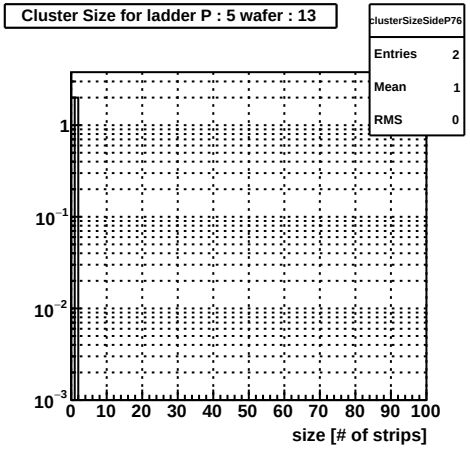

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 3102
Mean 1.332
RMS 0.6586
size [# of strips]

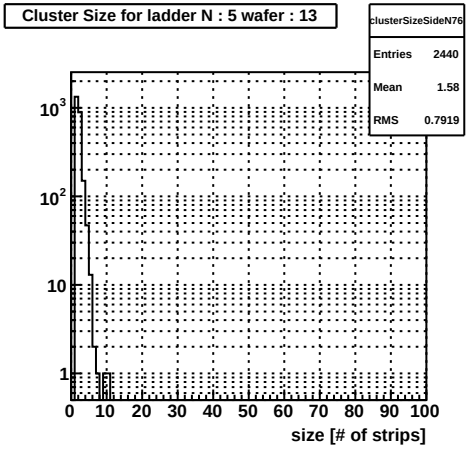

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2362
Mean 1.545
RMS 0.8053
size [# of strips]

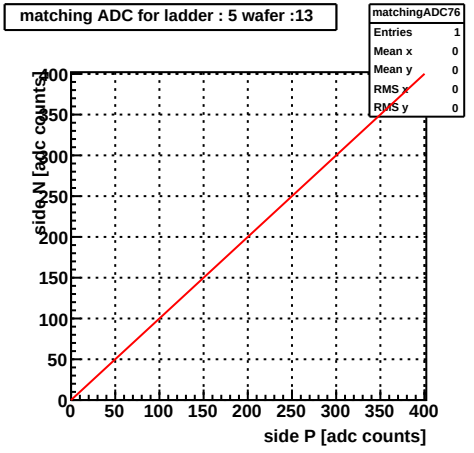

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 2029
Mean x 84.79
Mean y 85
RMS x 60.16
RMS y 59.61
side N [adc counts]
side P [adc counts]

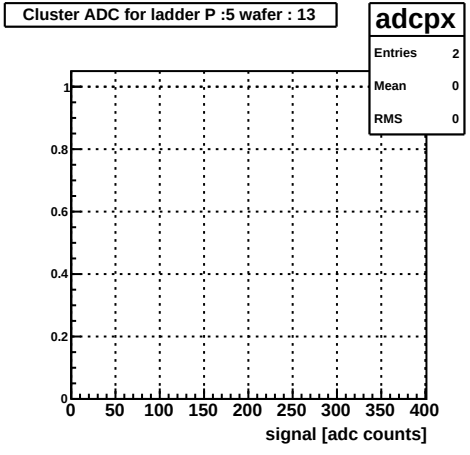

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 3102
Mean 69.25
RMS 59.25
signal [adc counts]

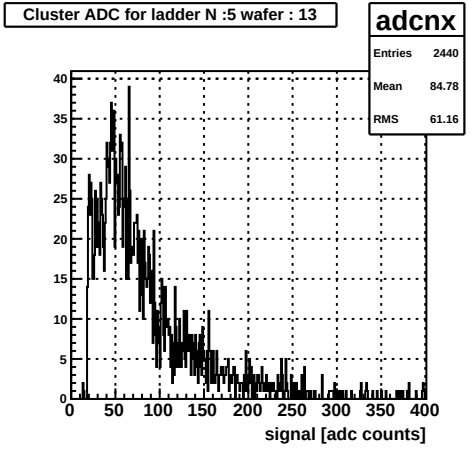

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2362
Mean 82.39
RMS 59.21
signal [adc counts]

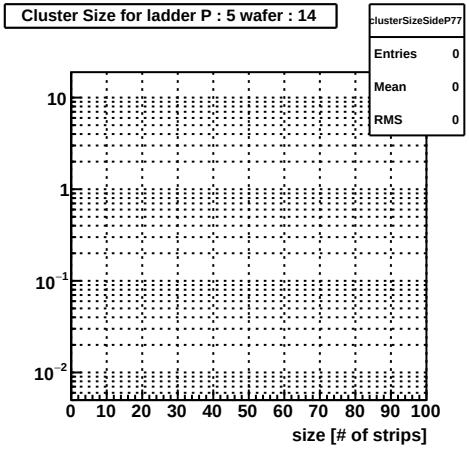

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 2
Mean 1
RMS 0
size [# of strips]

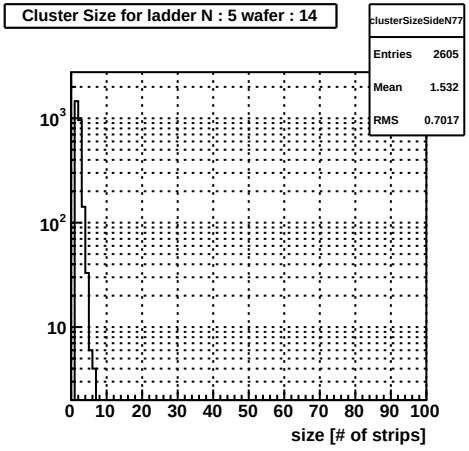

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2440
Mean 1.58
RMS 0.7919
size [# of strips]

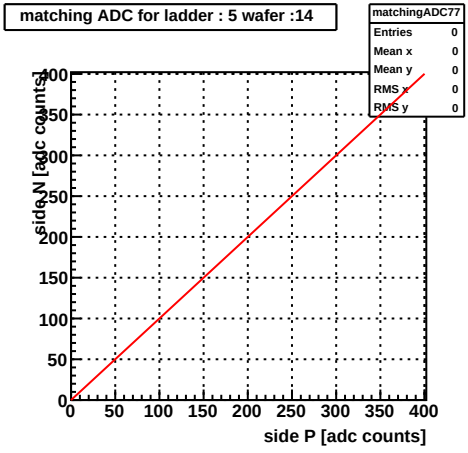

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

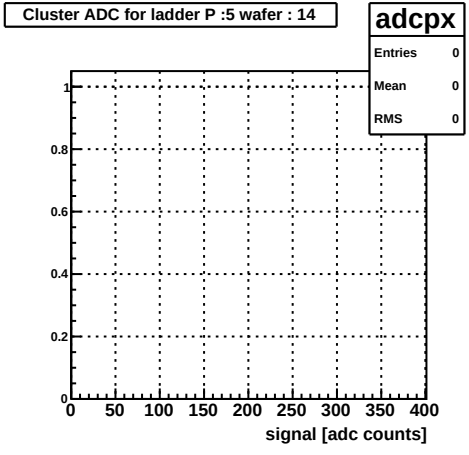

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

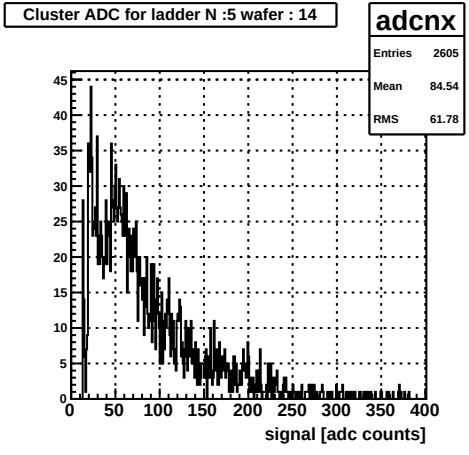

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2440
Mean 84.78
RMS 61.16
signal [adc counts]

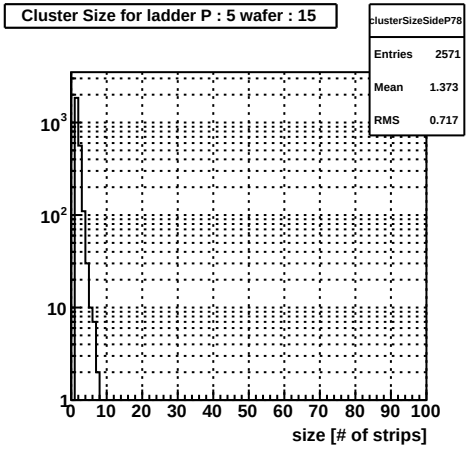

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

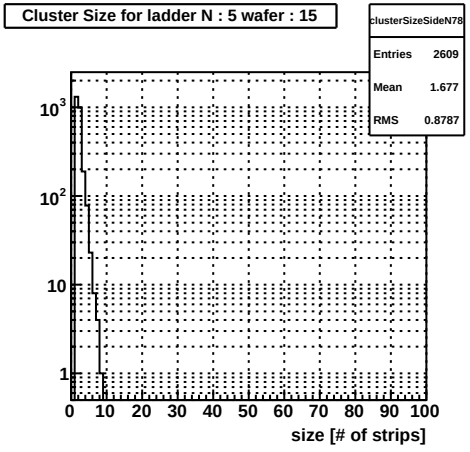

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 2605
Mean 1.532
RMS 0.7017
size [# of strips]

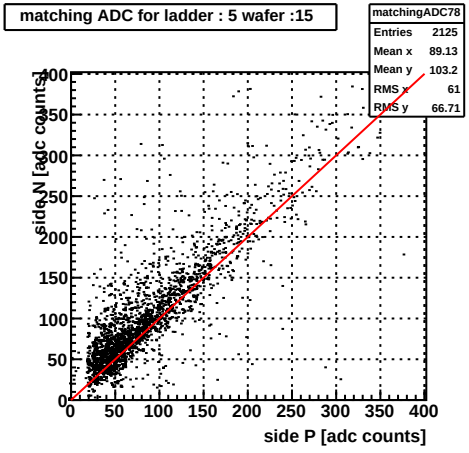

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

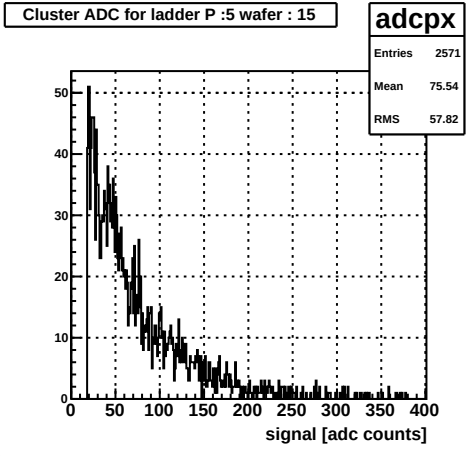

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

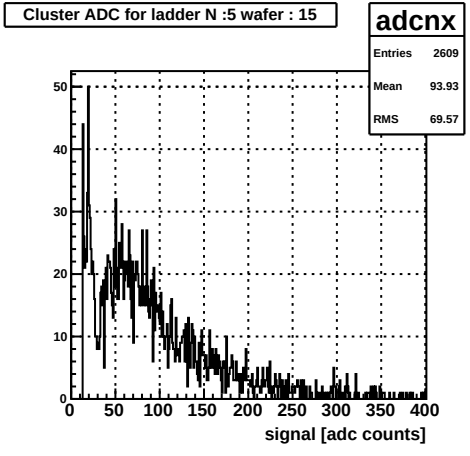

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 2605
Mean 84.54
RMS 61.78
signal [adc counts]

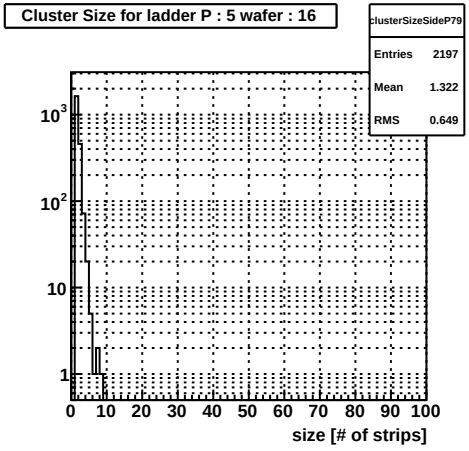

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 2571
Mean 1.373
RMS 0.717
size [# of strips]

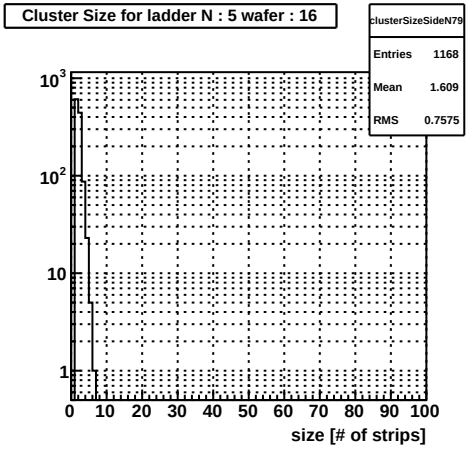

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 2609
Mean 1.677
RMS 0.8787
size [# of strips]

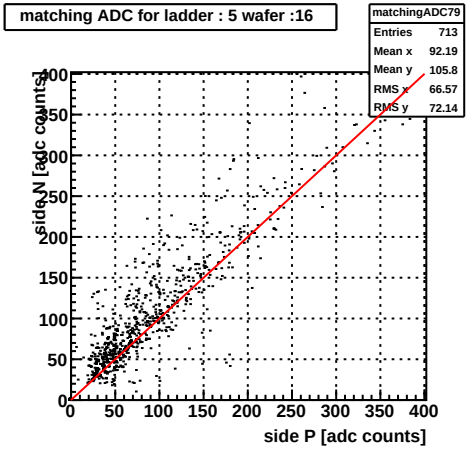

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 2125
Mean x 89.13
Mean y 103.2
RMS x 61
RMS y 66.71
side N [adc counts]
side P [adc counts]

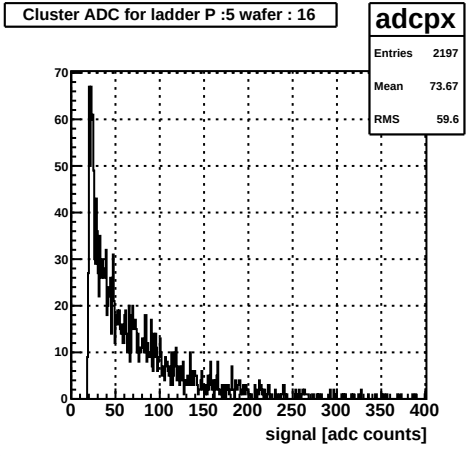

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 2571
Mean 75.54
RMS 57.82
signal [adc counts]

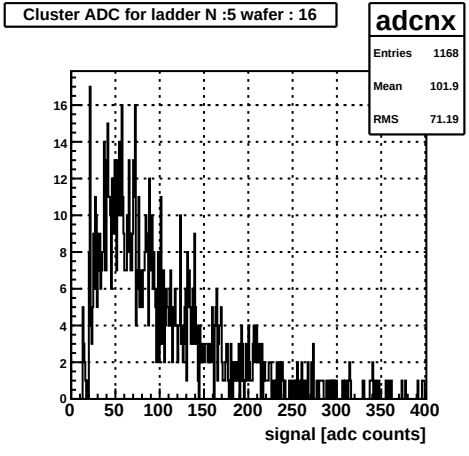

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 2609
Mean 93.93
RMS 69.57
signal [adc counts]

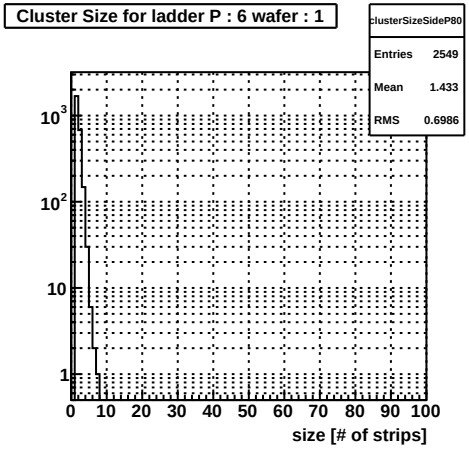

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2197
Mean 1.322
RMS 0.649
size [# of strips]

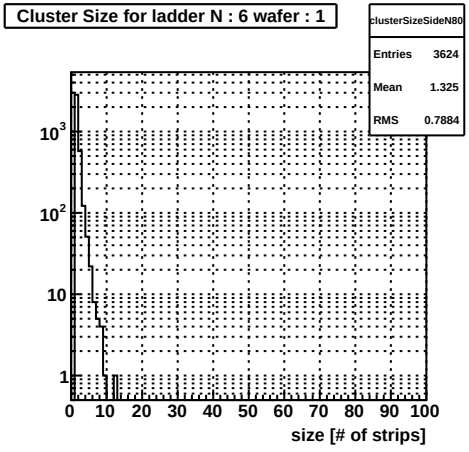

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 1168
Mean 1.609
RMS 0.7575
size [# of strips]

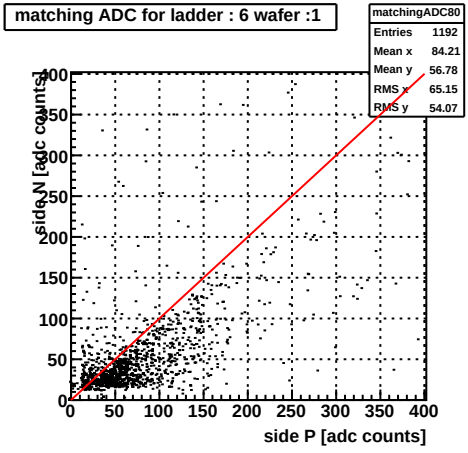

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 713
Mean x 92.19
Mean y 105.8
RMS x 66.57
RMS y 72.14
side N [adc counts]
side P [adc counts]

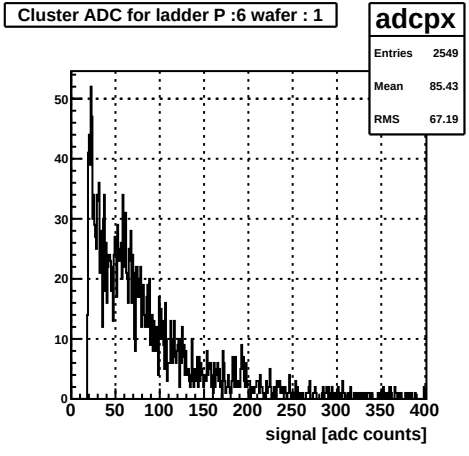

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2197
Mean 73.67
RMS 59.6
signal [adc counts]

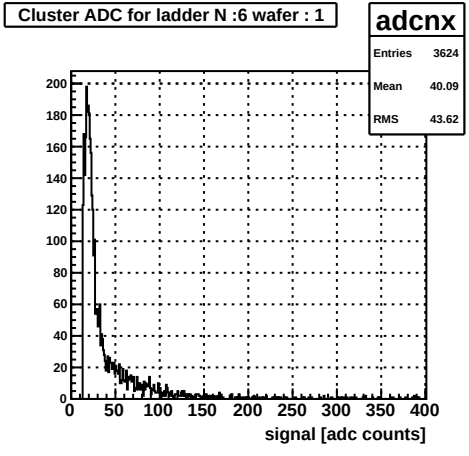

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 1168
Mean 101.9
RMS 71.19
signal [adc counts]

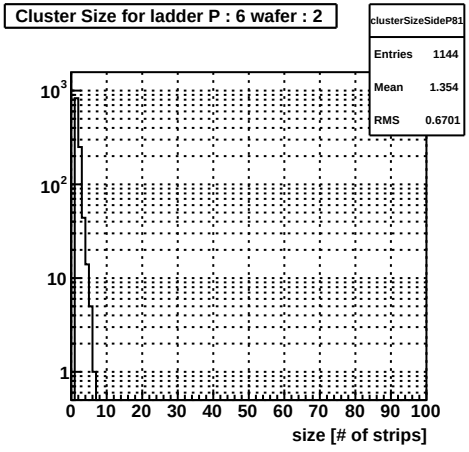

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 2549
Mean 1.433
RMS 0.6986
size [# of strips]

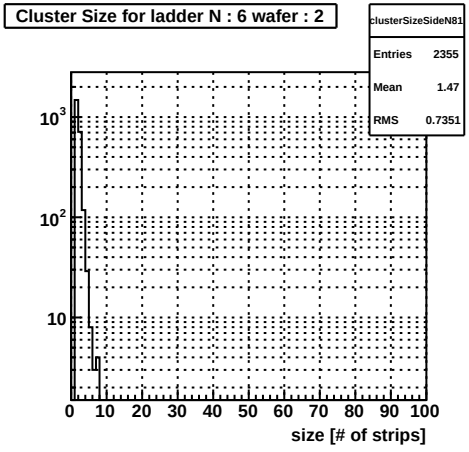

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 3624
Mean 1.325
RMS 0.7884
size [# of strips]

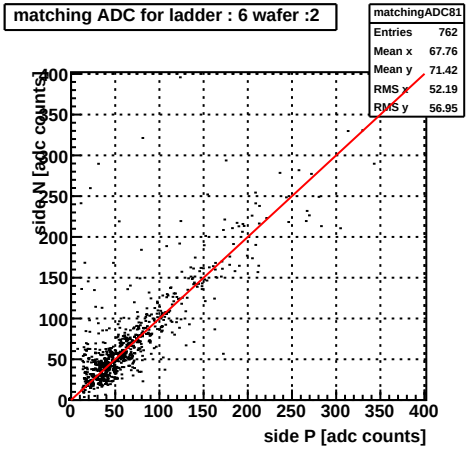

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1192
Mean x 84.21
Mean y 56.78
RMS x 65.15
RMS y 54.07
side N [adc counts]
side P [adc counts]

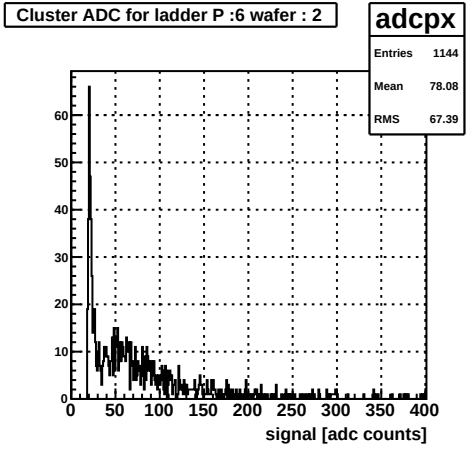

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 2549
Mean 85.43
RMS 67.19
signal [adc counts]

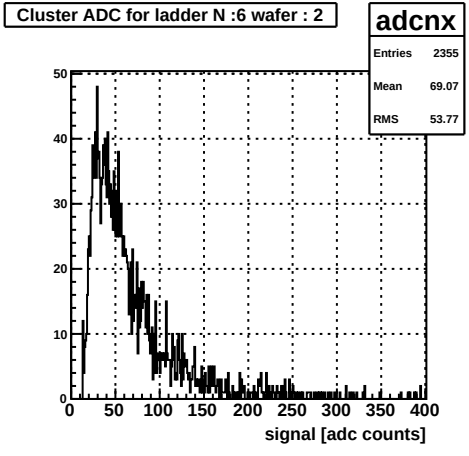

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 3624
Mean 40.09
RMS 43.62
signal [adc counts]

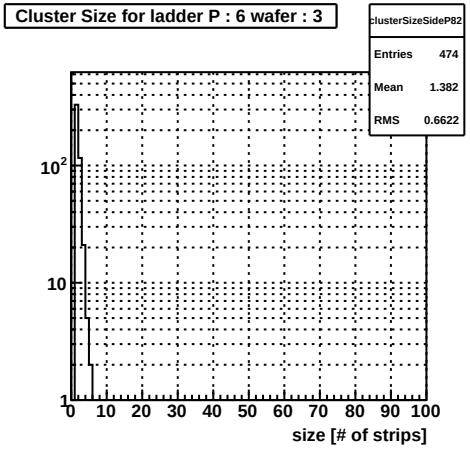

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 1144
Mean 1.354
RMS 0.6701
size [# of strips]

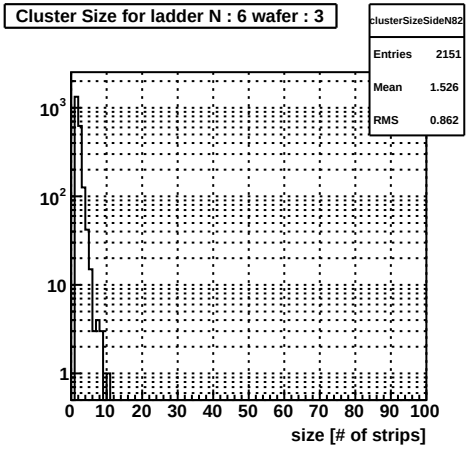

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 2355
Mean 1.47
RMS 0.7351
size [# of strips]

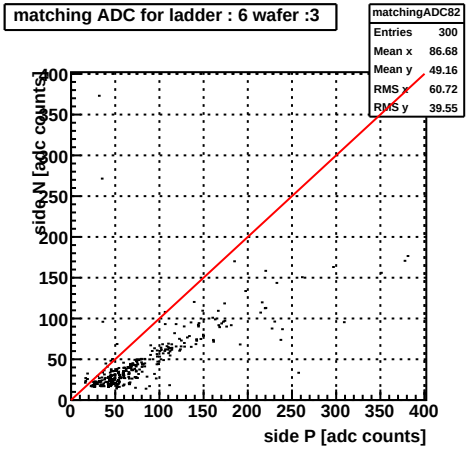

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 762
Mean x 67.76
Mean y 71.42
RMS x 52.19
RMS y 56.95
side N [adc counts]
side P [adc counts]

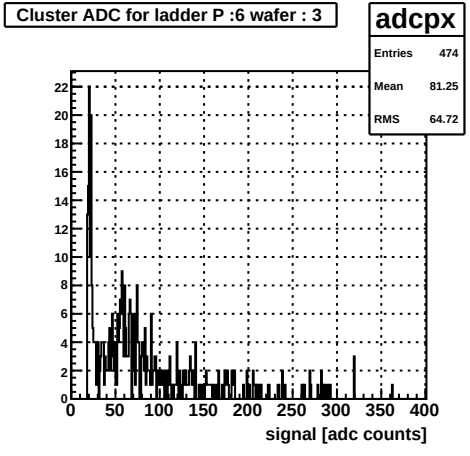

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 1144
Mean 78.08
RMS 67.39
signal [adc counts]

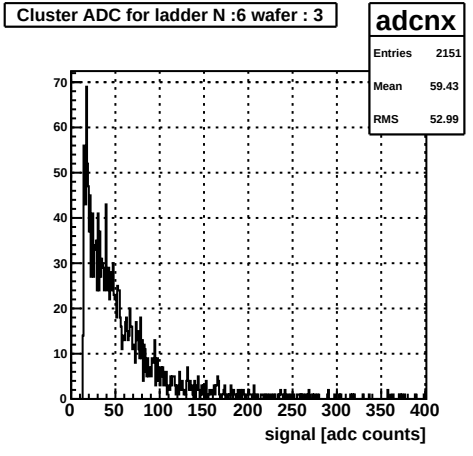

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 2355
Mean 69.07
RMS 53.77
signal [adc counts]

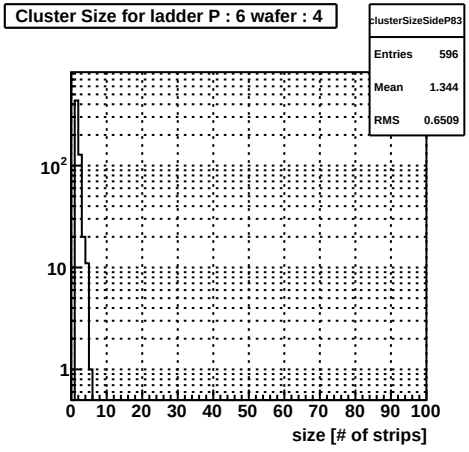

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 474
Mean 1.382
RMS 0.6622
size [# of strips]

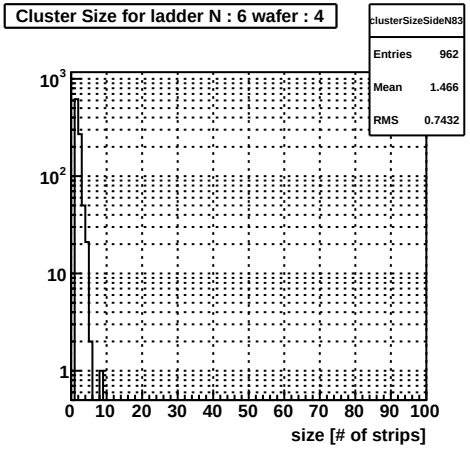

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 2151
Mean 1.526
RMS 0.862
size [# of strips]

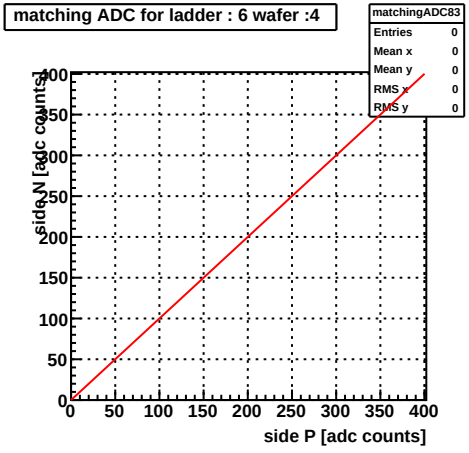

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 300
Mean x 86.68
Mean y 49.16
RMS x 60.72
RMS y 39.55
side N [adc counts]
side P [adc counts]

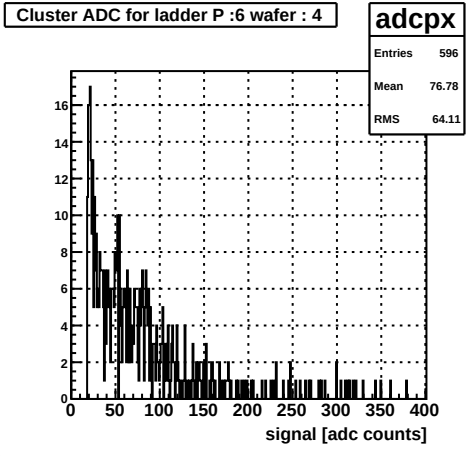

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 474
Mean 81.25
RMS 64.72
signal [adc counts]

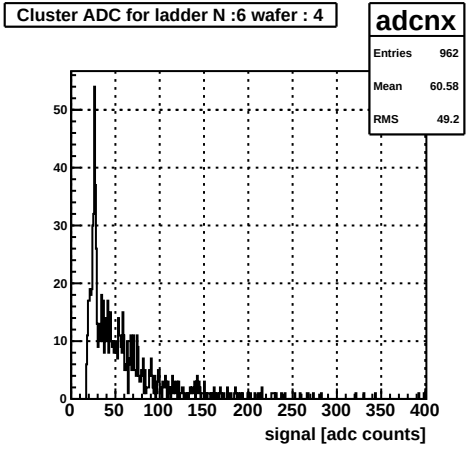

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 2151
Mean 59.43
RMS 52.99
signal [adc counts]

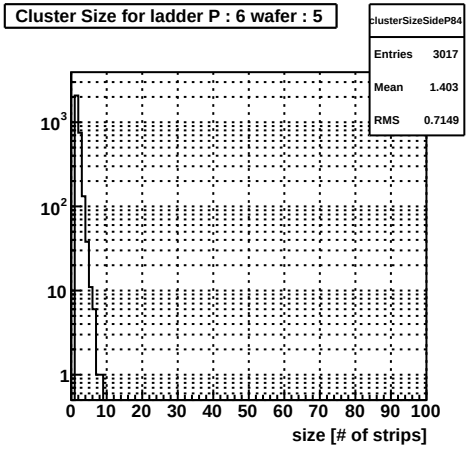

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 596
Mean 1.344
RMS 0.6509
size [# of strips]

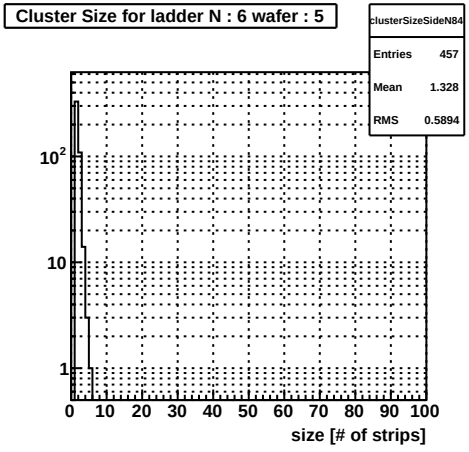

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 962
Mean 1.466
RMS 0.7432
size [# of strips]

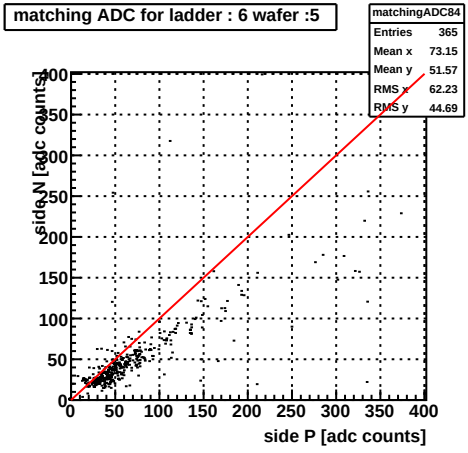

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

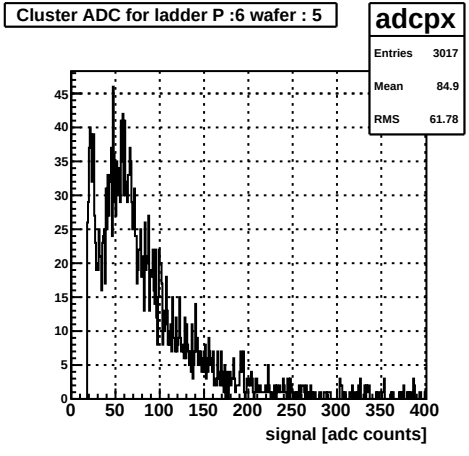

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 596
Mean 76.78
RMS 64.11
signal [adc counts]

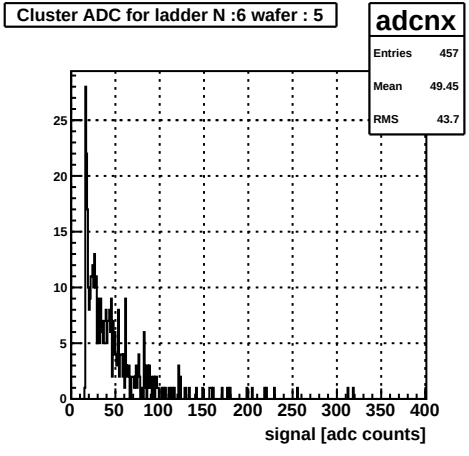

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 962
Mean 60.58
RMS 49.2
signal [adc counts]

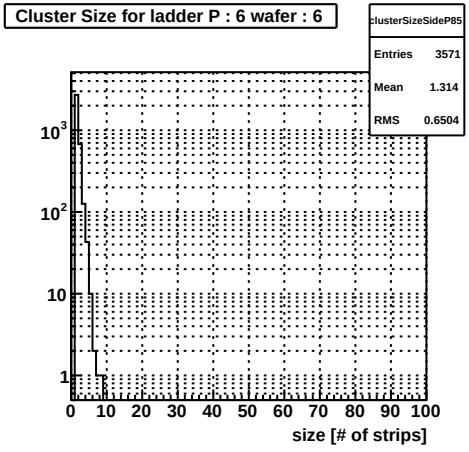

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 3017
Mean 1.403
RMS 0.7149
size [# of strips]

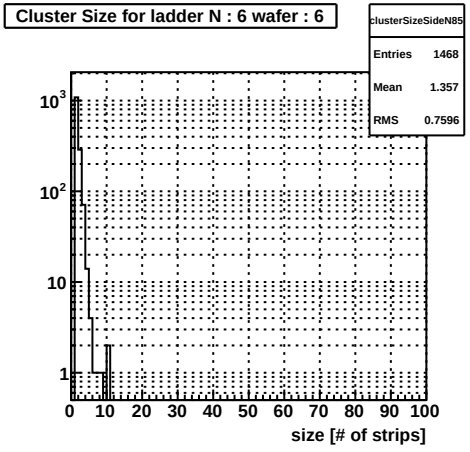

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 457
Mean 1.328
RMS 0.5894
size [# of strips]

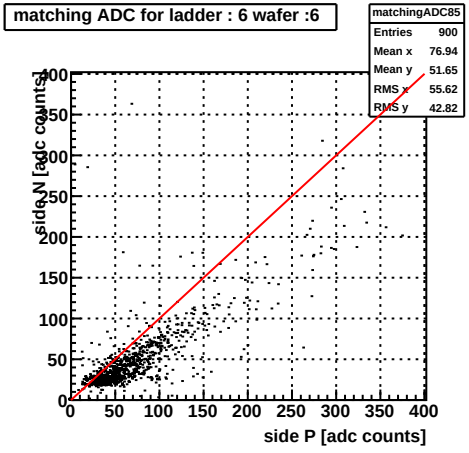

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 365
Mean x 73.15
Mean y 51.57
RMS x 62.23
RMS y 44.69
side N [adc counts]
side P [adc counts]

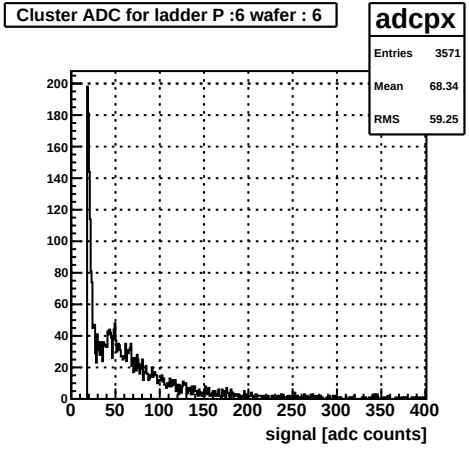

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 3017
Mean 84.9
RMS 61.78
signal [adc counts]

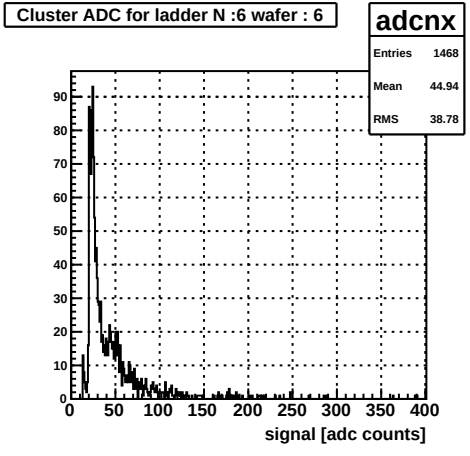

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 457
Mean 49.45
RMS 43.7
signal [adc counts]

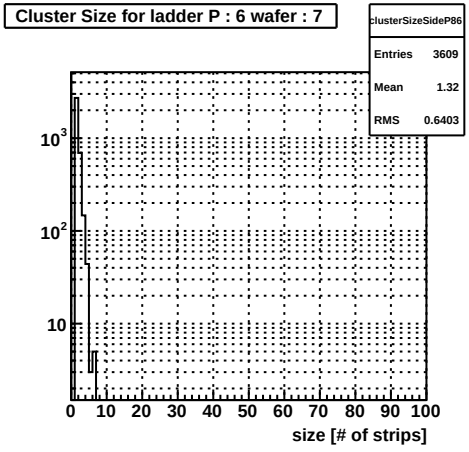

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 3571
Mean 1.314
RMS 0.6504
size [# of strips]

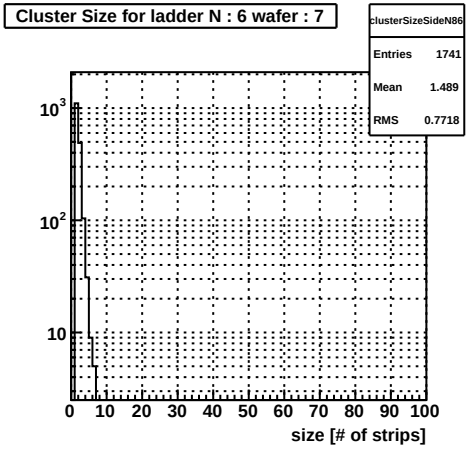

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1468
Mean 1.357
RMS 0.7596
size [# of strips]

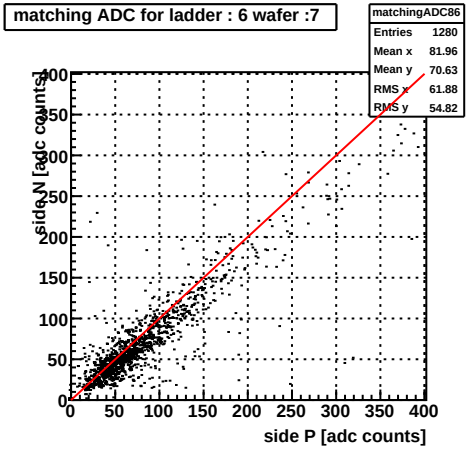

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 900
Mean x 76.94
Mean y 51.65
RMS x 55.62
RMS y 42.82
side N [adc counts]
side P [adc counts]

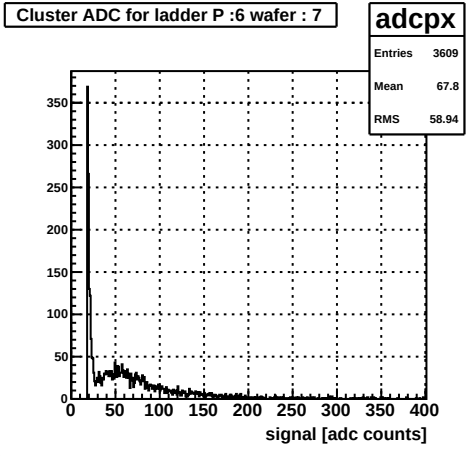

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 3571
Mean 68.34
RMS 59.25
signal [adc counts]

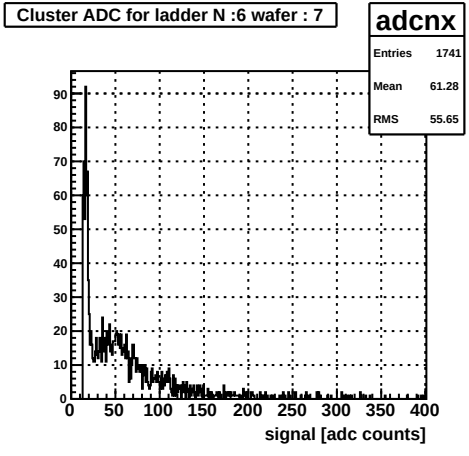

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1468
Mean 44.94
RMS 38.78
signal [adc counts]

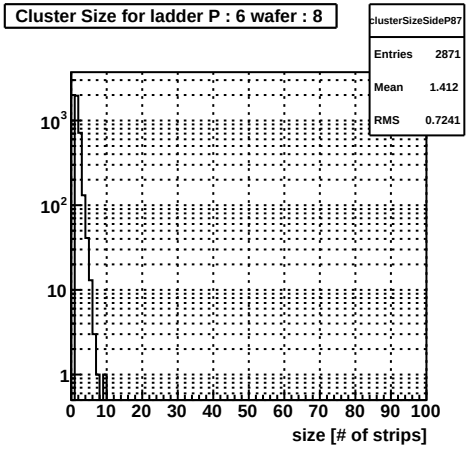

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 3609
Mean 1.32
RMS 0.6403
size [# of strips]

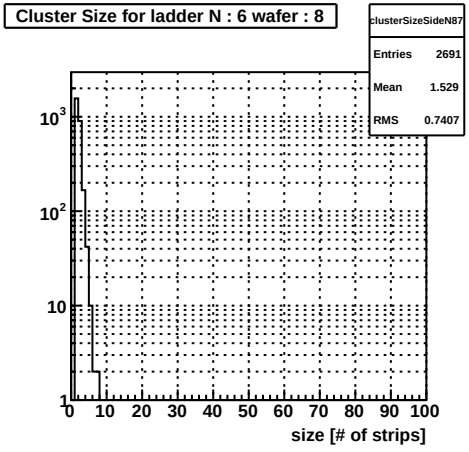

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 1741
Mean 1.489
RMS 0.7718
size [# of strips]

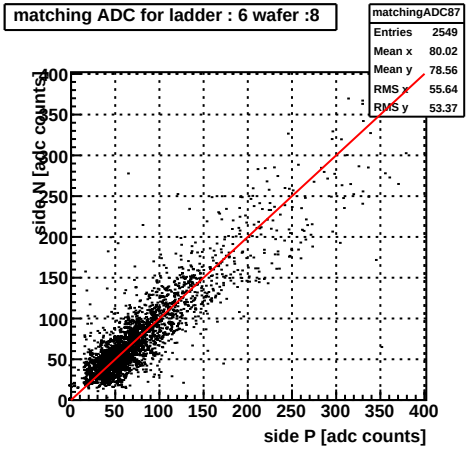

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1280
Mean x 81.96
Mean y 70.63
RMS x 61.88
RMS y 54.82
side N [adc counts]
side P [adc counts]

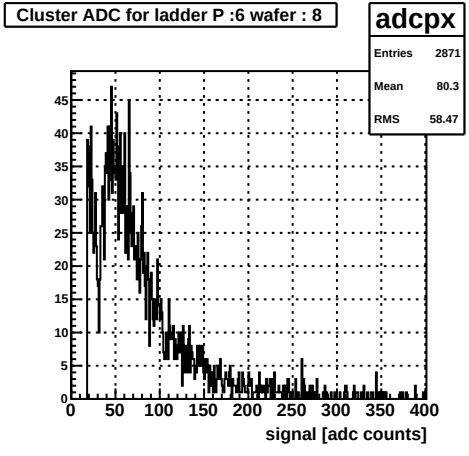

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 3609
Mean 67.8
RMS 58.94
signal [adc counts]

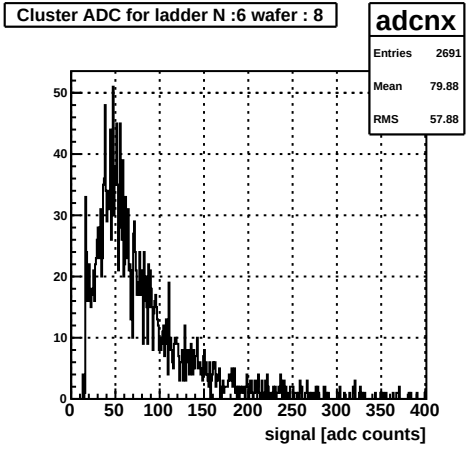

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 1741
Mean 61.28
RMS 55.65
signal [adc counts]

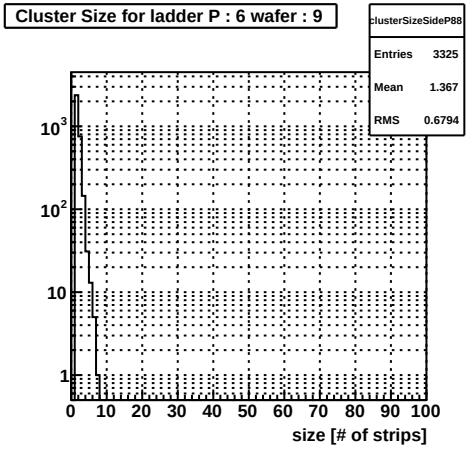

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 2871
Mean 1.412
RMS 0.7241
size [# of strips]

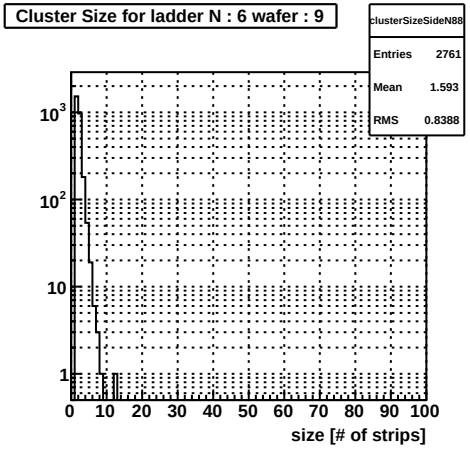

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 2691
Mean 1.529
RMS 0.7407
size [# of strips]

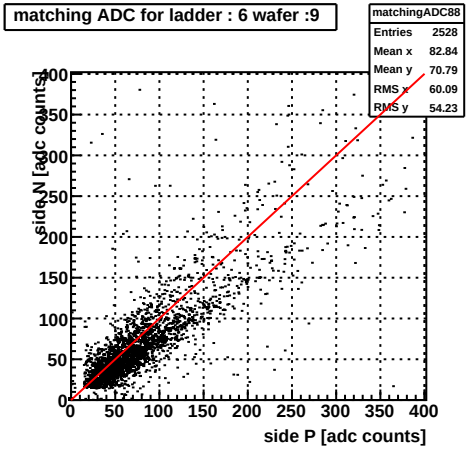

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 2549
Mean x 80.02
Mean y 78.56
RMS x 55.64
RMS y 53.37
side N [adc counts]
side P [adc counts]

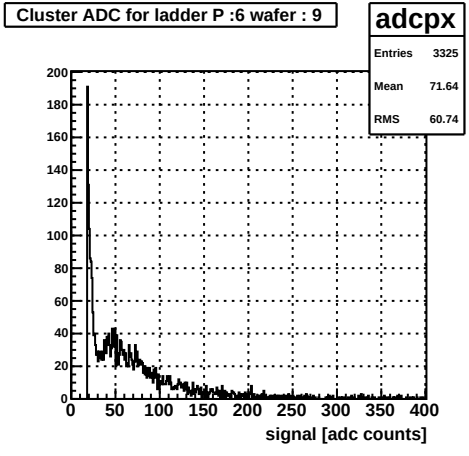

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 2871
Mean 80.3
RMS 58.47
signal [adc counts]

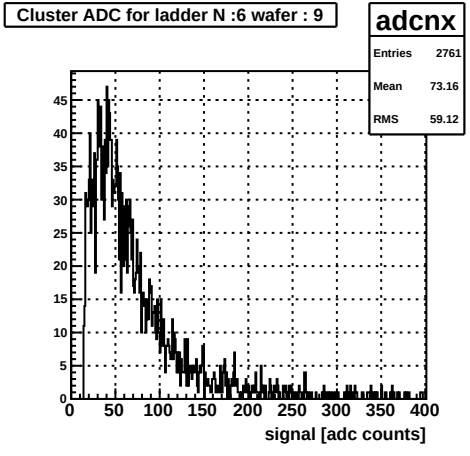

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 2691
Mean 79.88
RMS 57.88
signal [adc counts]

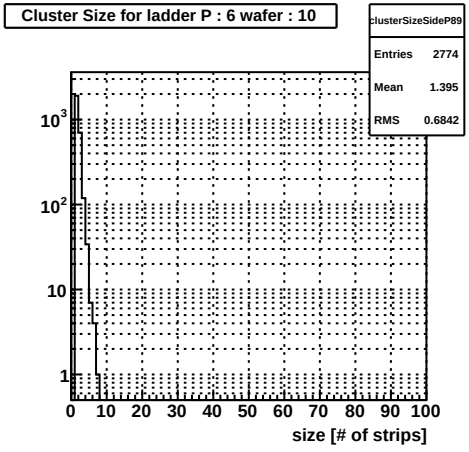

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 3325
Mean 1.367
RMS 0.6794
size [# of strips]

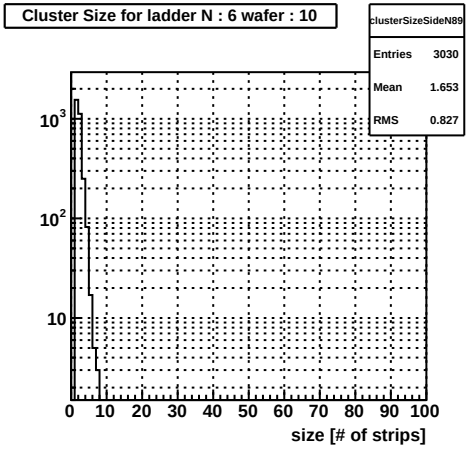

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 2761
Mean 1.593
RMS 0.8388
size [# of strips]

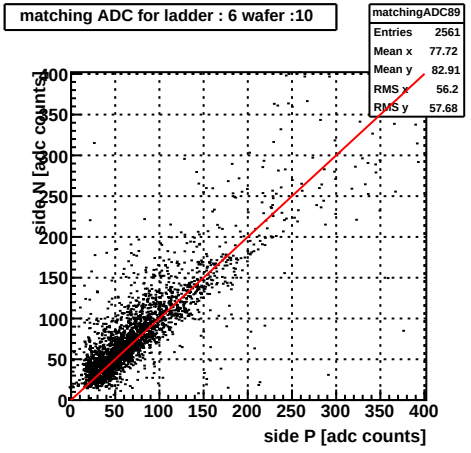

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 2528
Mean x 82.84
Mean y 70.79
RMS x 60.09
RMS y 54.23
side N [adc counts]
side P [adc counts]

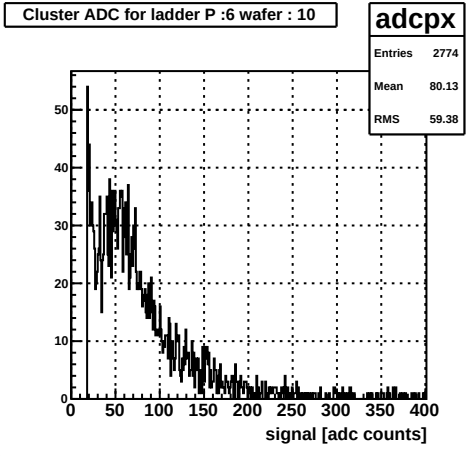

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 3325
Mean 71.64
RMS 60.74
signal [adc counts]

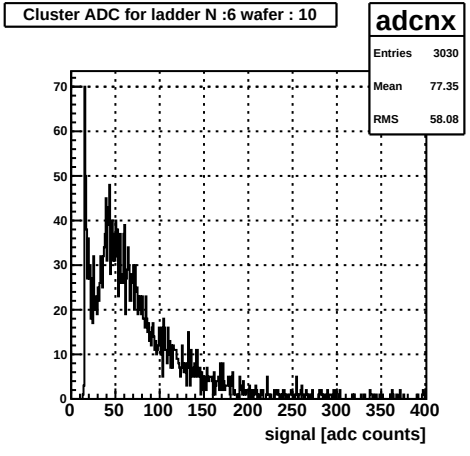

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 2761
Mean 73.16
RMS 59.12
signal [adc counts]

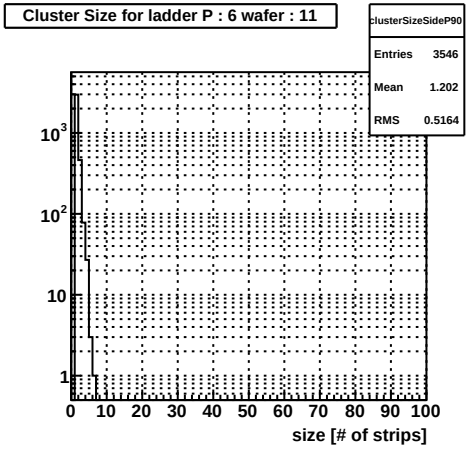

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 2774
Mean 1.395
RMS 0.6842
size [# of strips]

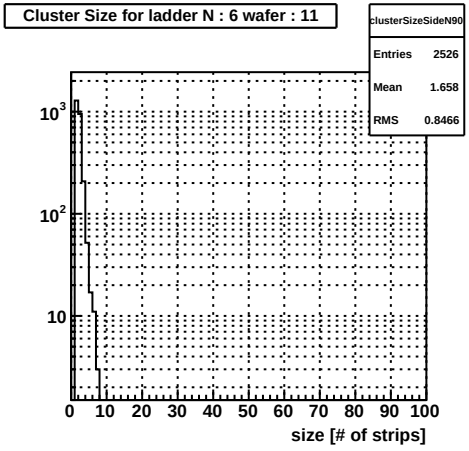

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 3030
Mean 1.653
RMS 0.827
size [# of strips]

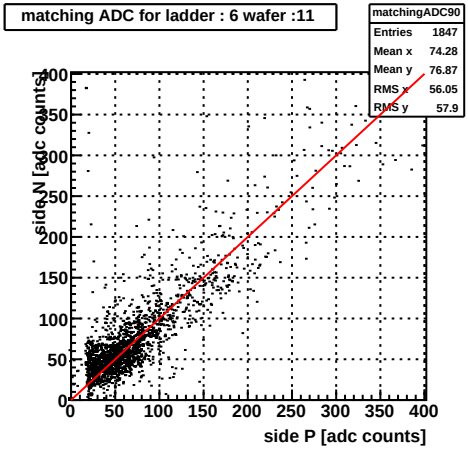

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 2561
Mean x 77.72
Mean y 82.91
RMS x 56.2
RMS y 57.68
side N [adc counts]
side P [adc counts]

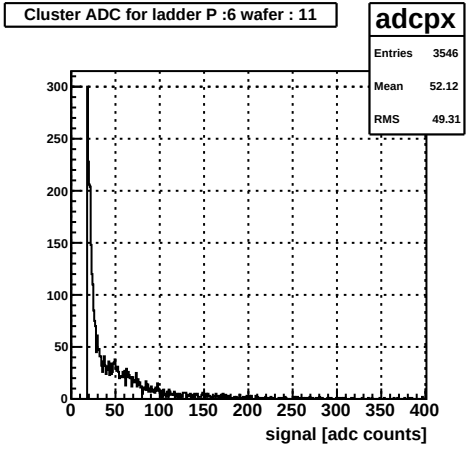

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 2774
Mean 80.13
RMS 59.38
signal [adc counts]

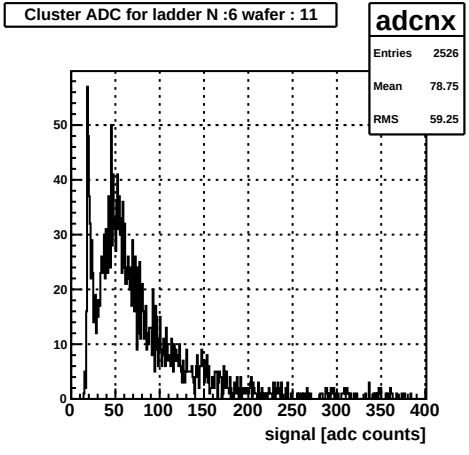

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 3030
Mean 77.35
RMS 58.08
signal [adc counts]

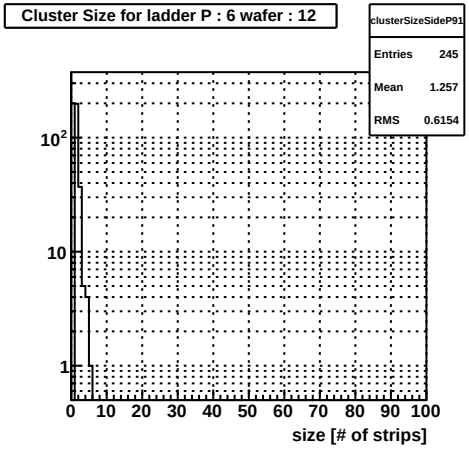

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 3546
Mean 1.202
RMS 0.5164
size [# of strips]

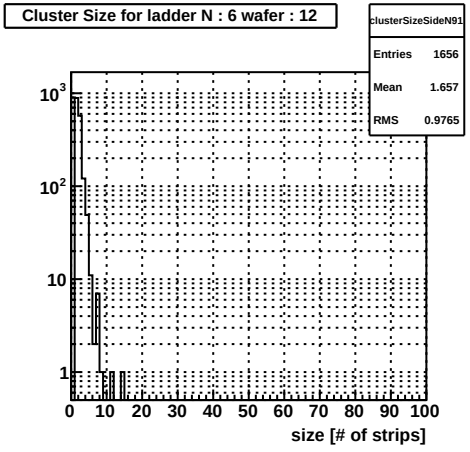

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 2526
Mean 1.658
RMS 0.8466
size [# of strips]

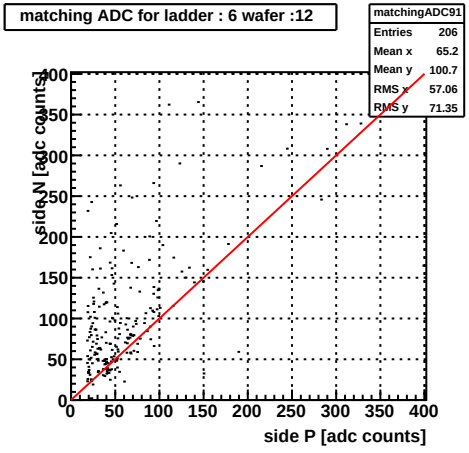

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1847
Mean x 74.28
Mean y 76.87
RMS x 56.05
RMS y 57.9
side N [adc counts]
side P [adc counts]

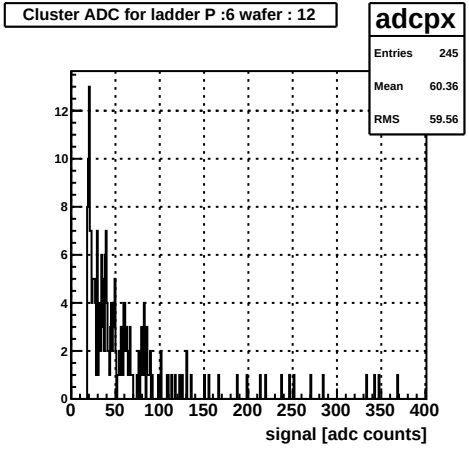

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 3546
Mean 52.12
RMS 49.31
signal [adc counts]

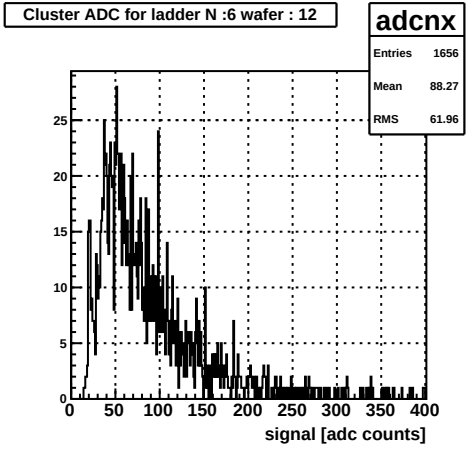

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 2526
Mean 78.75
RMS 59.25
signal [adc counts]

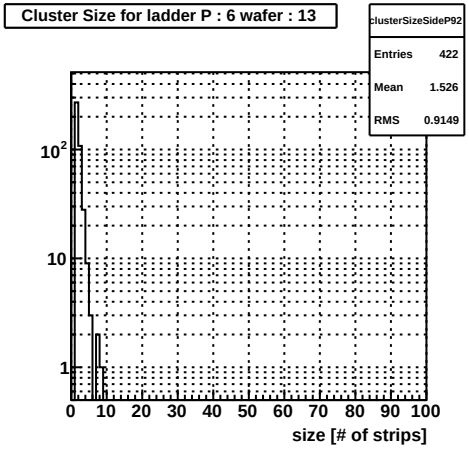

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 245
Mean 1.257
RMS 0.6154
size [# of strips]

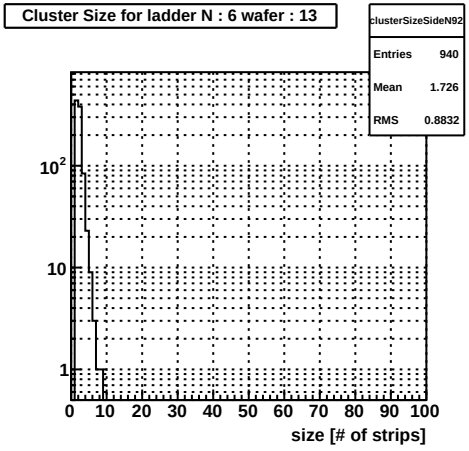

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 1656
Mean 1.657
RMS 0.9765
size [# of strips]

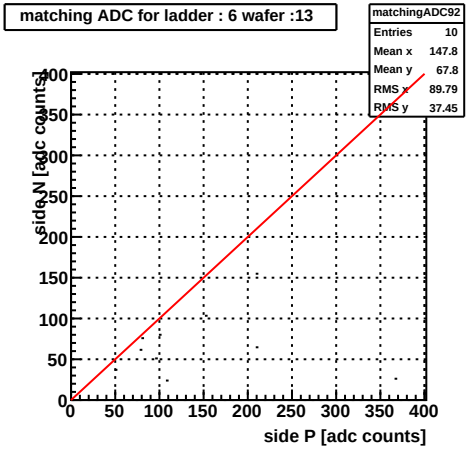

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 206
Mean x 65.2
Mean y 100.7
RMS x 57.06
RMS y 71.35
side N [adc counts]
side P [adc counts]

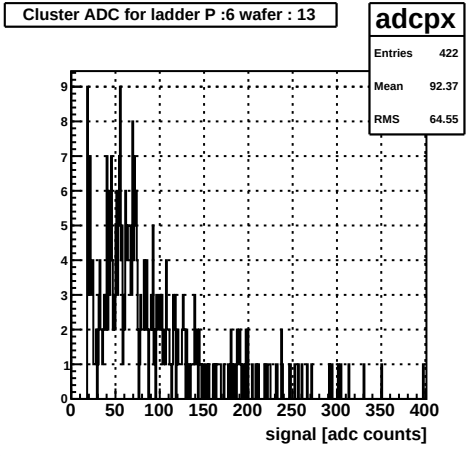

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 245
Mean 60.36
RMS 59.56
signal [adc counts]

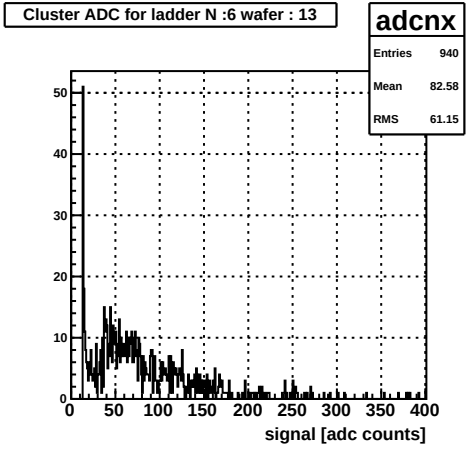

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 1656
Mean 88.27
RMS 61.96
signal [adc counts]

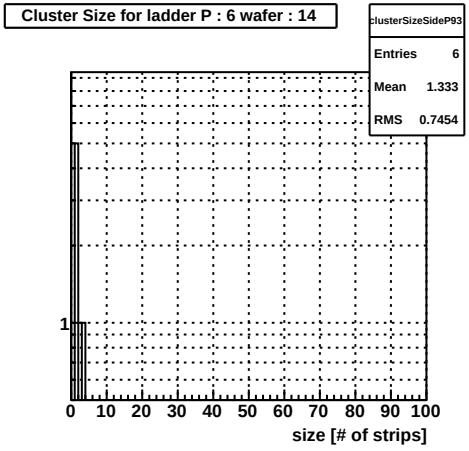

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 422
Mean 1.526
RMS 0.9149
size [# of strips]

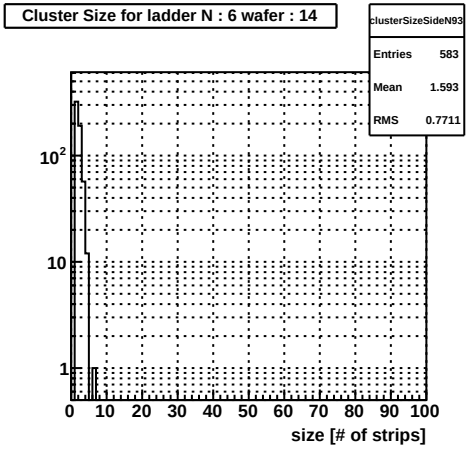

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 940
Mean 1.726
RMS 0.8832
size [# of strips]

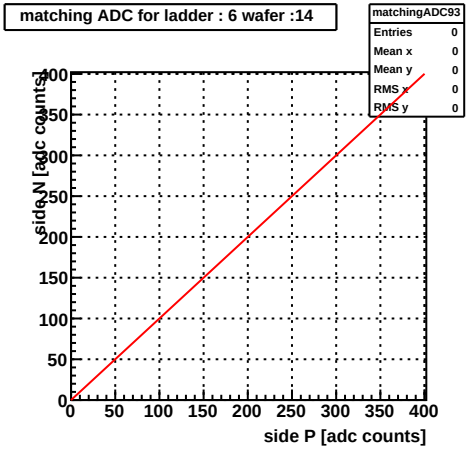

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 10
Mean x 147.8
Mean y 67.8
RMS x 89.79
RMS y 37.45
side N [adc counts]
side P [adc counts]

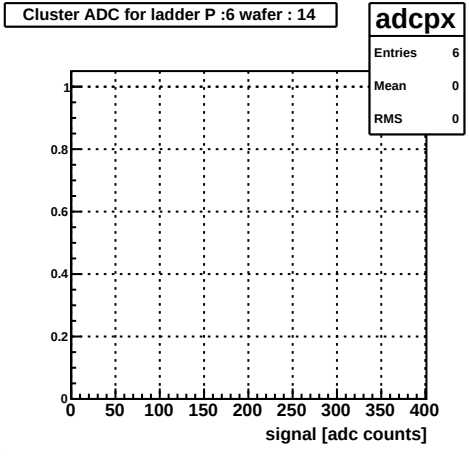

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 422
Mean 92.37
RMS 64.55
signal [adc counts]

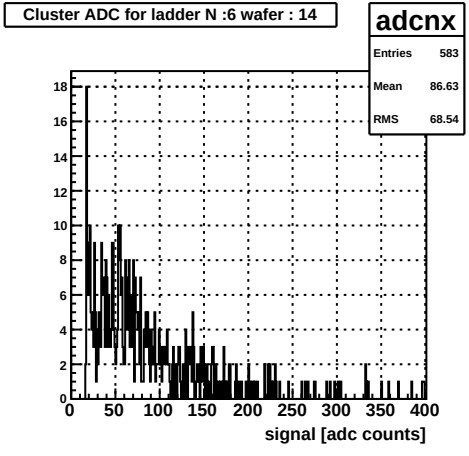

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 940
Mean 82.58
RMS 61.15
signal [adc counts]

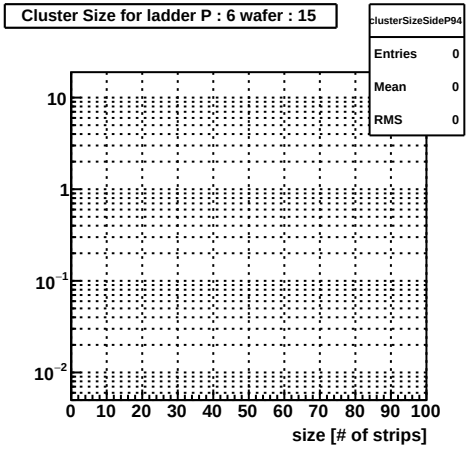

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 6
Mean 1.333
RMS 0.7454
size [# of strips]

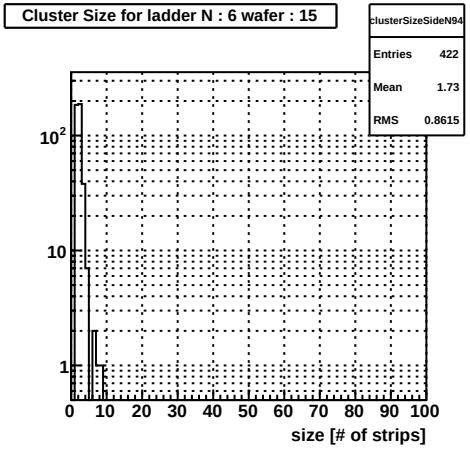

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 583
Mean 1.593
RMS 0.7711
size [# of strips]

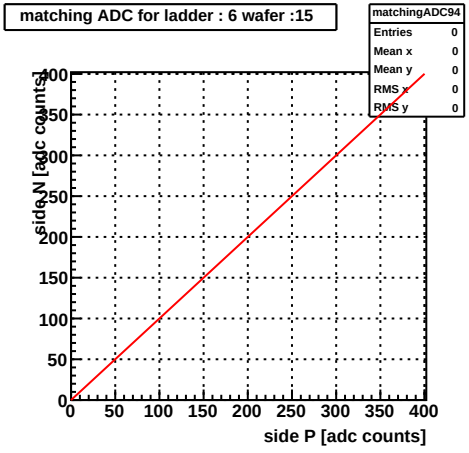

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

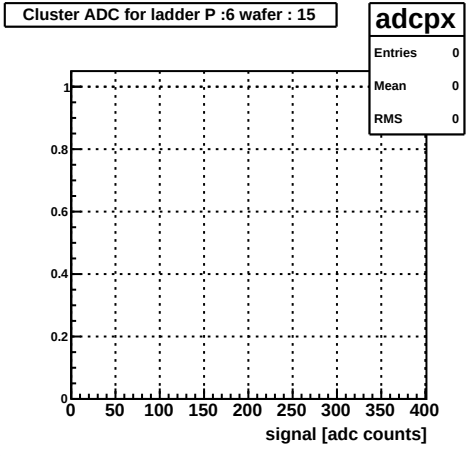

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 6
Mean 0
RMS 0
signal [adc counts]

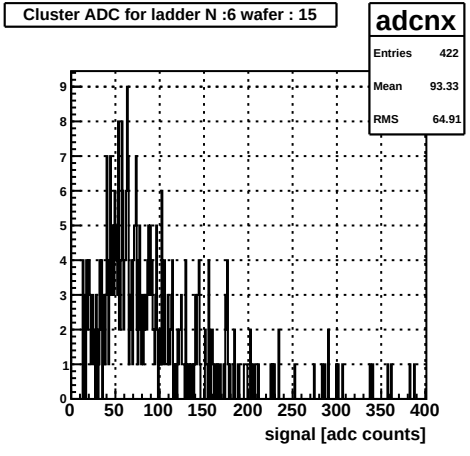

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 583
Mean 86.63
RMS 68.54
signal [adc counts]

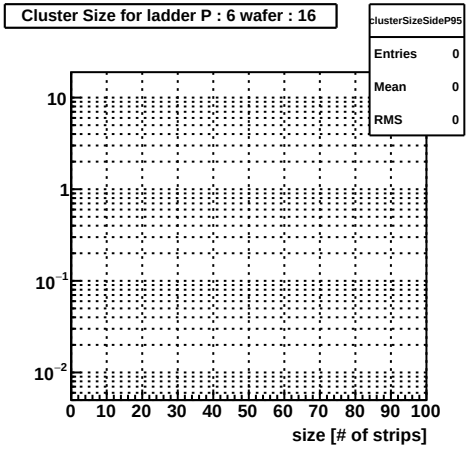

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

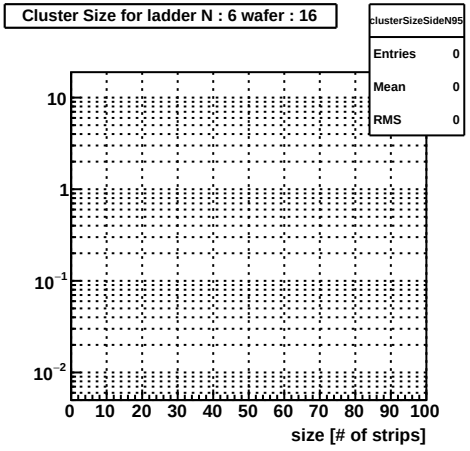

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 422
Mean 1.73
RMS 0.8615
size [# of strips]

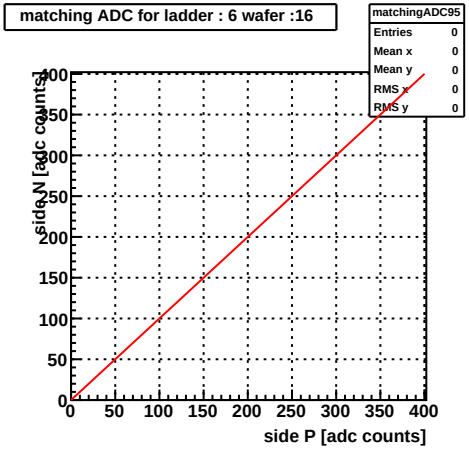

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

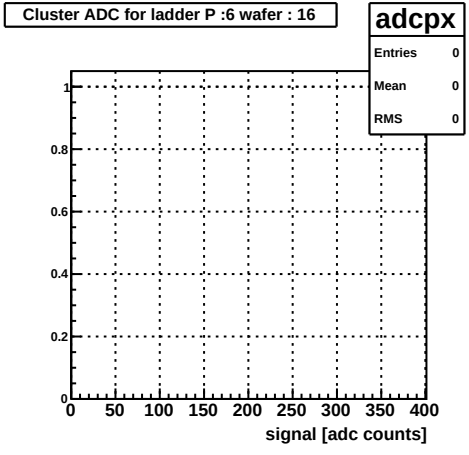

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

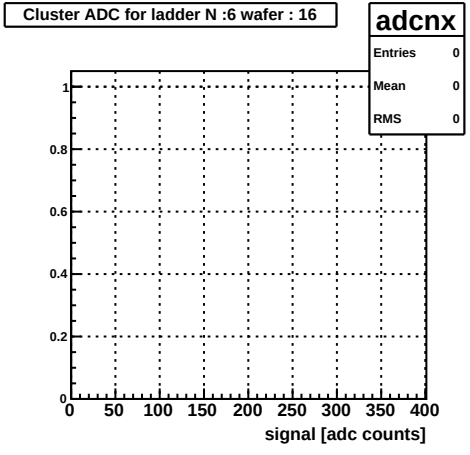

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 422
Mean 93.33
RMS 64.91
signal [adc counts]

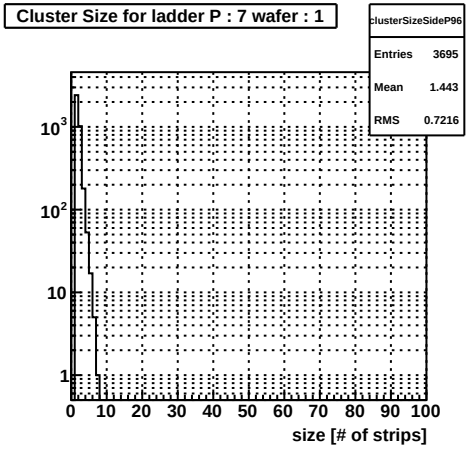

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

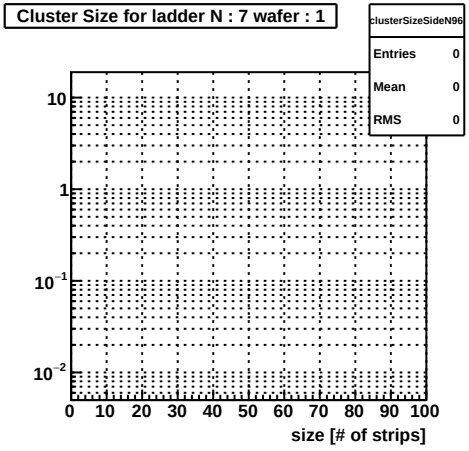

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 0
Mean 0
RMS 0
size [# of strips]

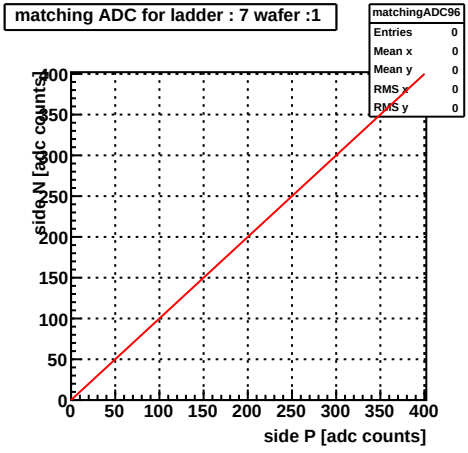

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

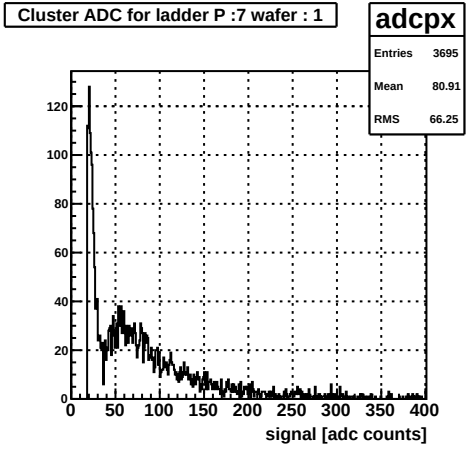

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

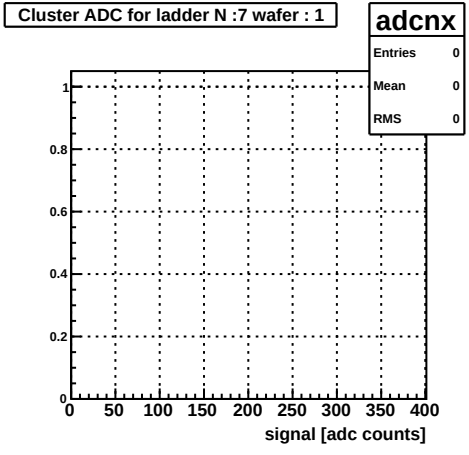

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

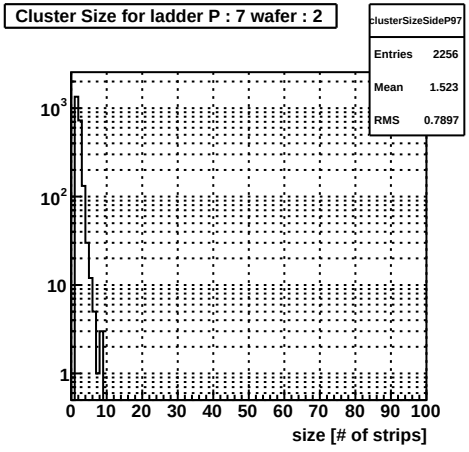

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 3695
Mean 1.443
RMS 0.7216
size [# of strips]

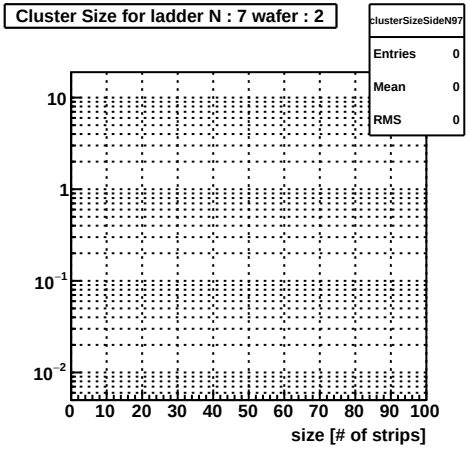

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

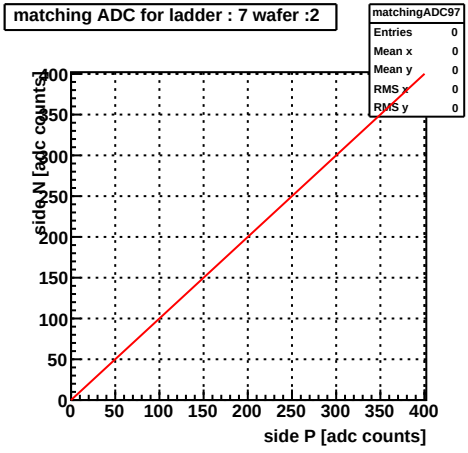

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

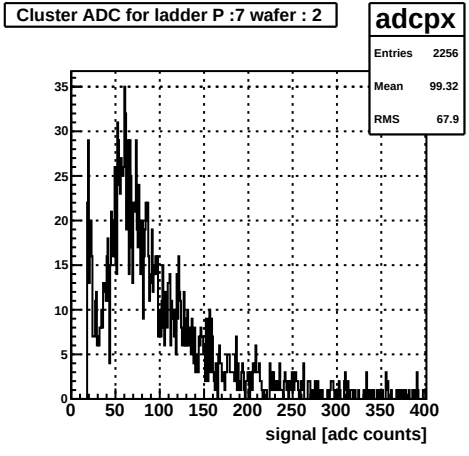

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 3695
Mean 80.91
RMS 66.25
signal [adc counts]

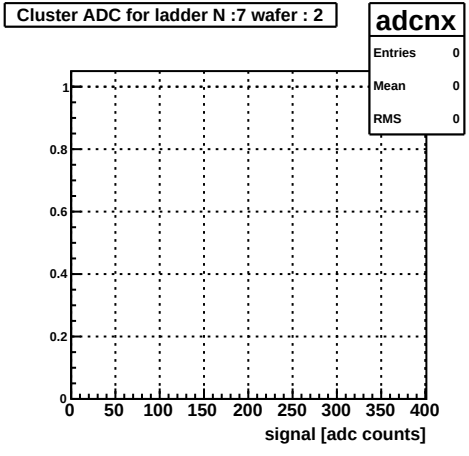

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

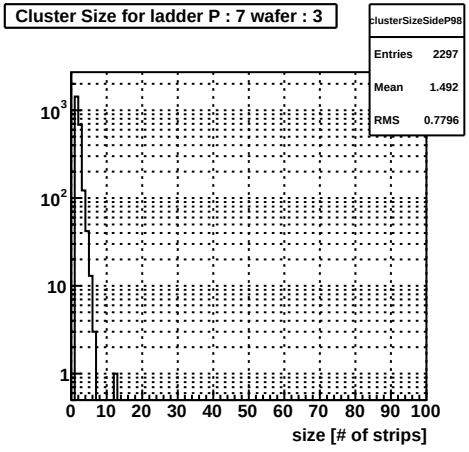

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2256
Mean 1.523
RMS 0.7897
size [# of strips]

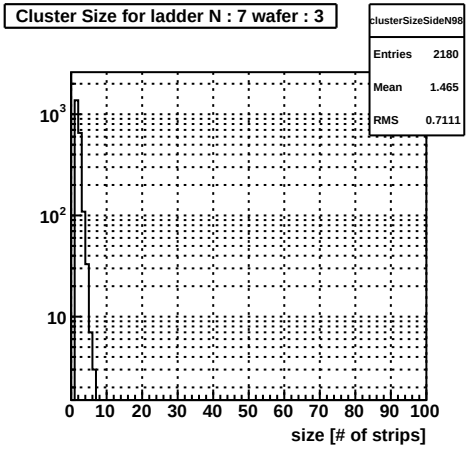

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

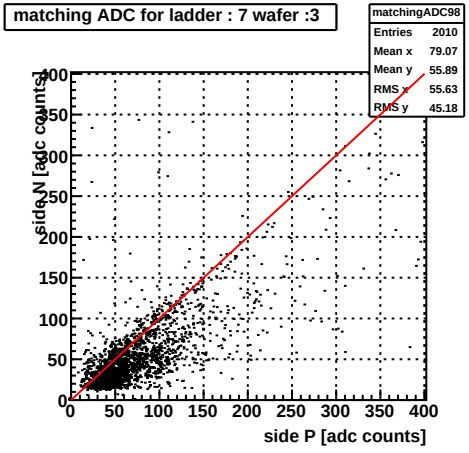

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

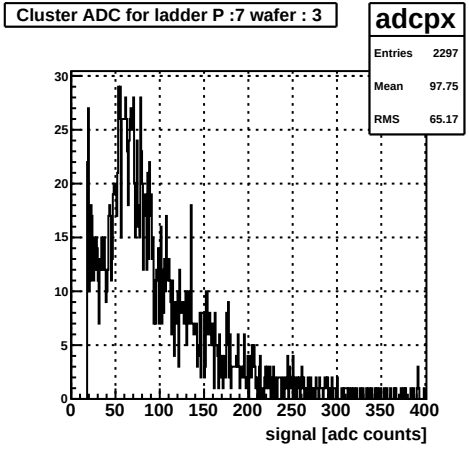

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2256
Mean 99.32
RMS 67.9
signal [adc counts]

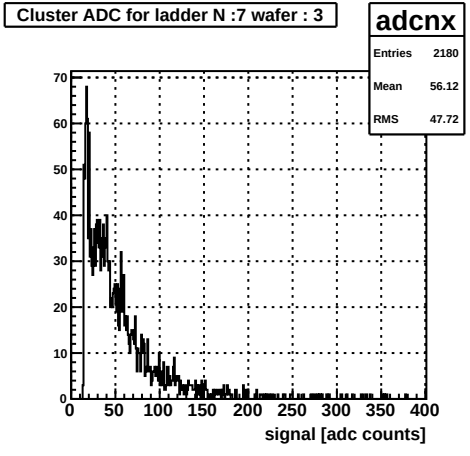

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

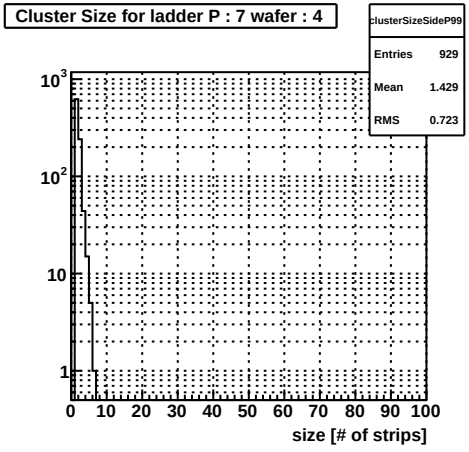

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 2297
Mean 1.492
RMS 0.7796
size [# of strips]

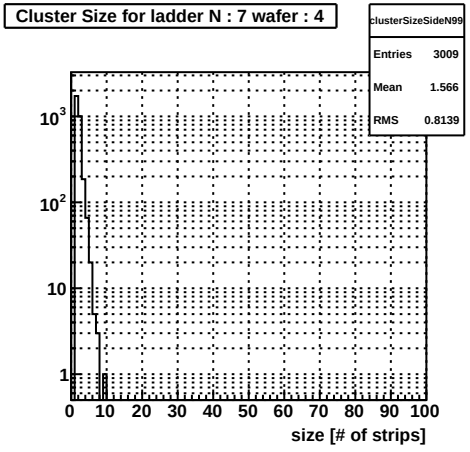

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 2180
Mean 1.465
RMS 0.7111
size [# of strips]

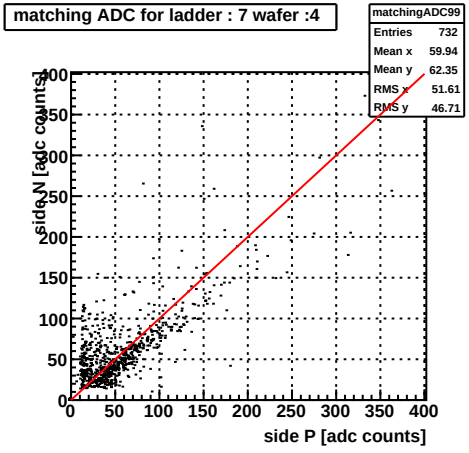

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 2010
Mean x 79.07
Mean y 55.89
RMS x 55.63
RMS y 45.18
side N [adc counts]
side P [adc counts]

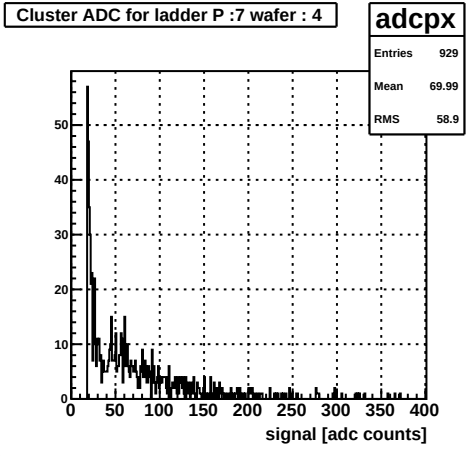

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 2297
Mean 97.75
RMS 65.17
signal [adc counts]

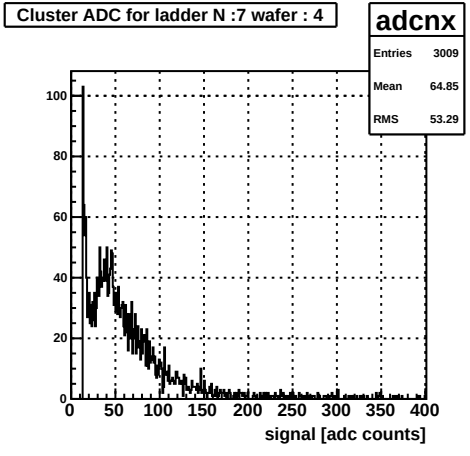

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 2180
Mean 56.12
RMS 47.72
signal [adc counts]

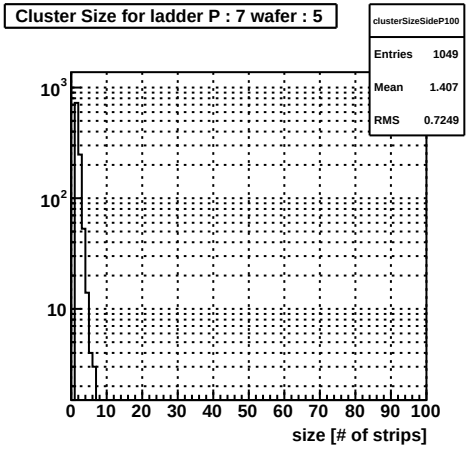

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 929
Mean 1.429
RMS 0.723
size [# of strips]

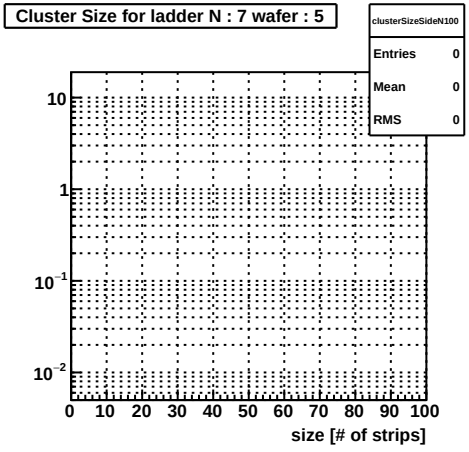

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 3009
Mean 1.566
RMS 0.8139
size [# of strips]

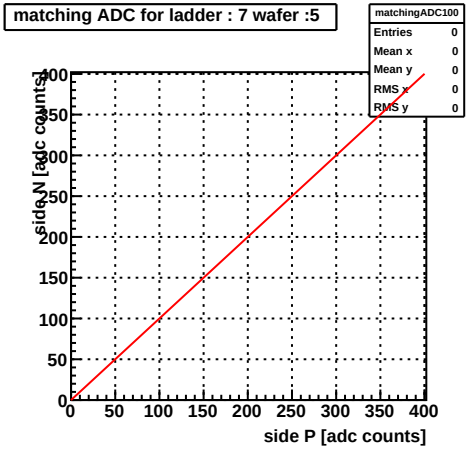

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 732
Mean x 59.94
Mean y 62.35
RMS x 51.61
RMS y 46.71
side N [adc counts]
side P [adc counts]

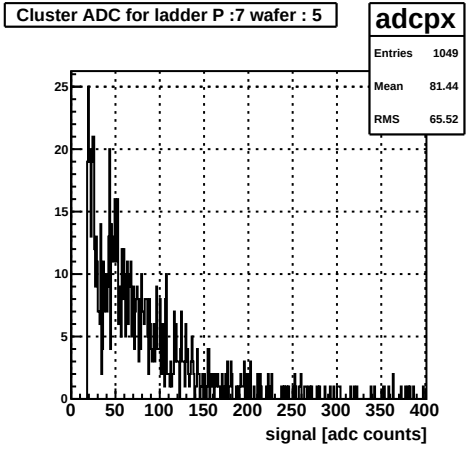

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 929
Mean 69.99
RMS 58.9
signal [adc counts]

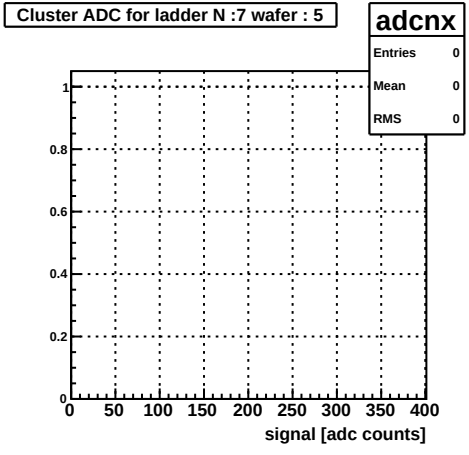

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 3009
Mean 64.85
RMS 53.29
signal [adc counts]

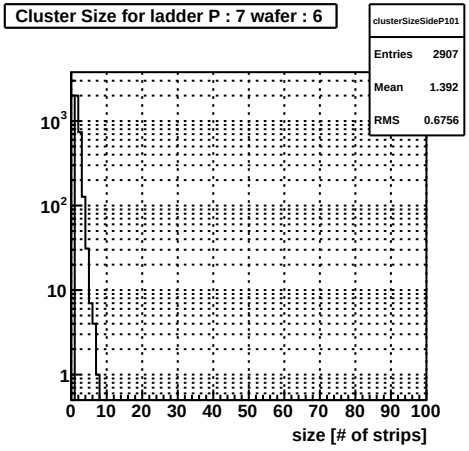

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1049
Mean 1.407
RMS 0.7249
size [# of strips]

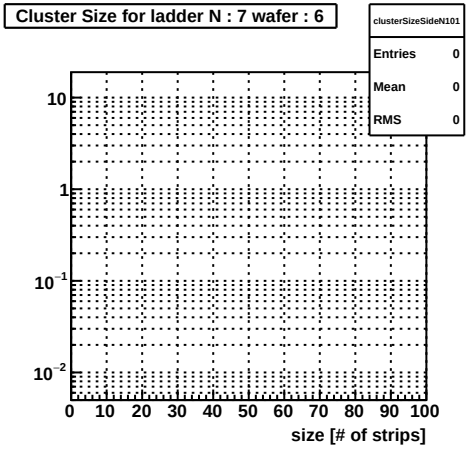

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

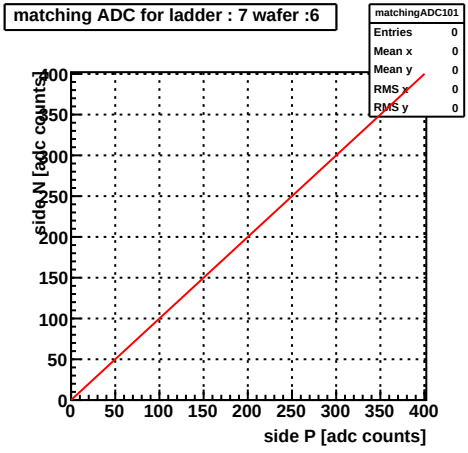

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

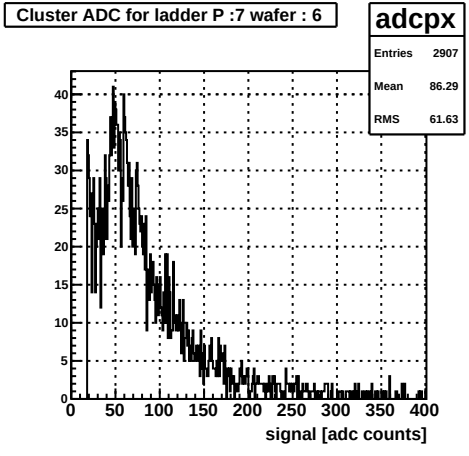

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1049
Mean 81.44
RMS 65.52
signal [adc counts]

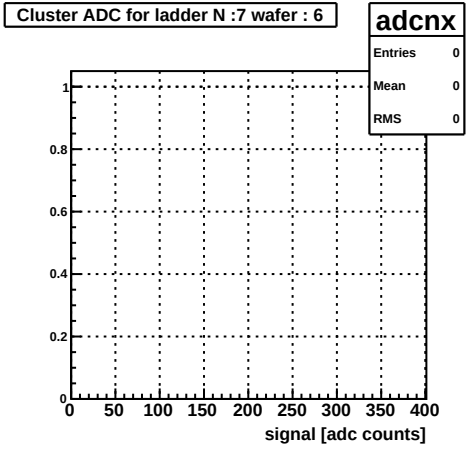

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

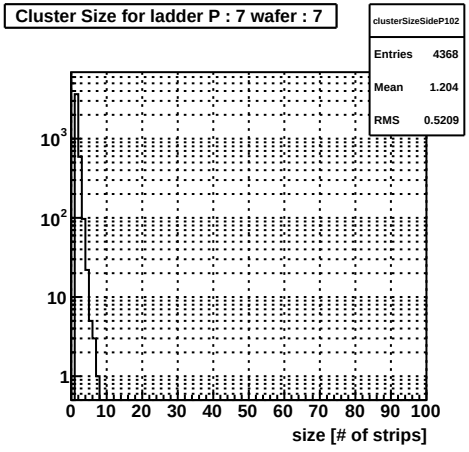

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 2907
Mean 1.392
RMS 0.6756
size [# of strips]

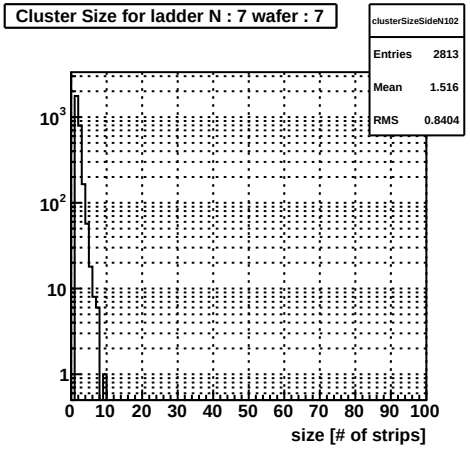

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

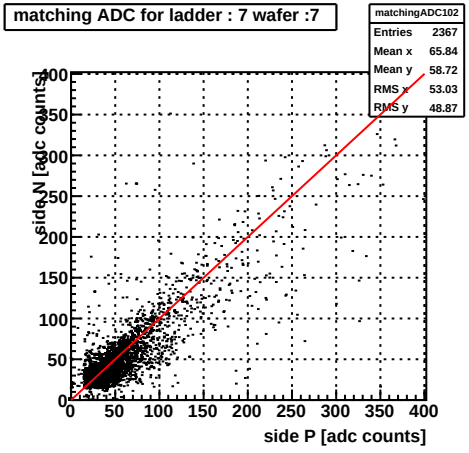

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

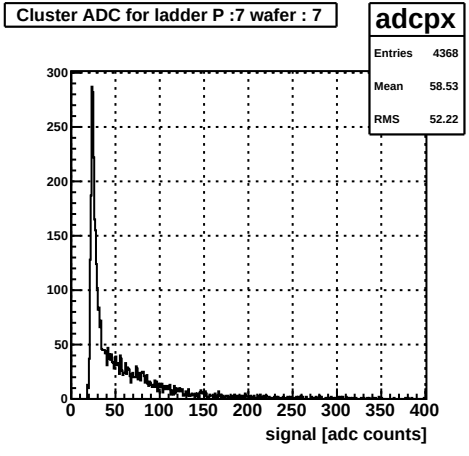

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 2907
Mean 86.29
RMS 61.63
signal [adc counts]

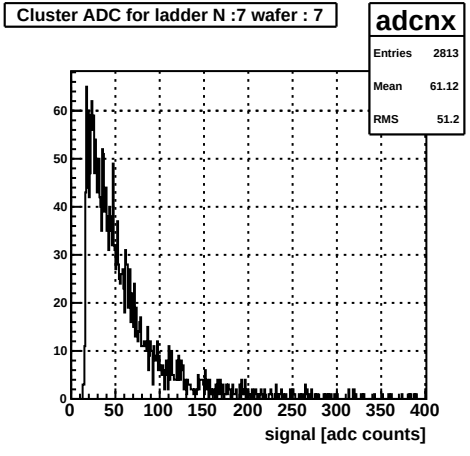

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

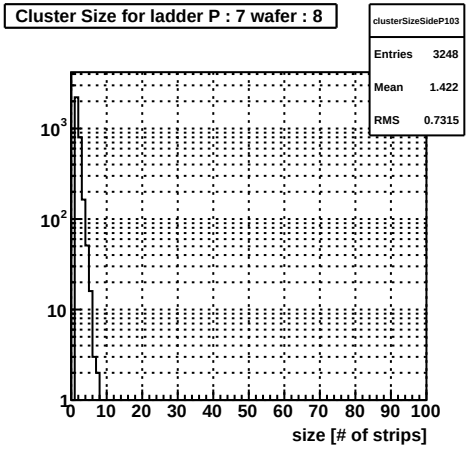

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 4368
Mean 1.204
RMS 0.5209
size [# of strips]

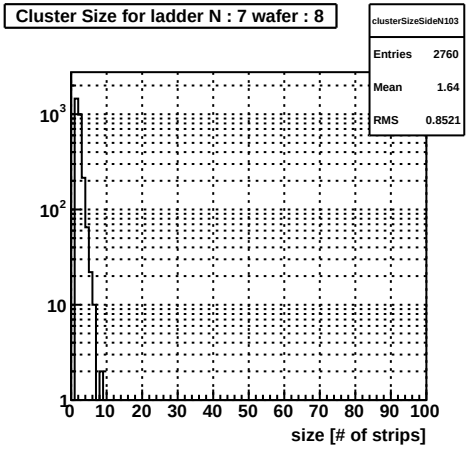

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2813
Mean 1.516
RMS 0.8404
size [# of strips]

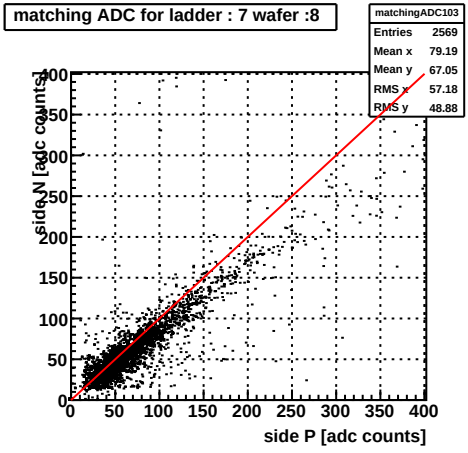

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 2367
Mean x 65.84
Mean y 58.72
RMS x 53.03
RMS y 48.87
side N [adc counts]
side P [adc counts]

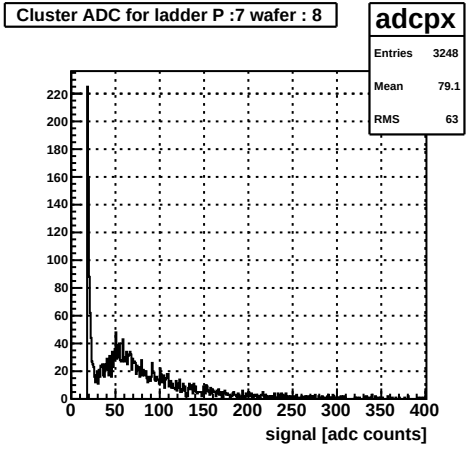

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 4368
Mean 58.53
RMS 52.22
signal [adc counts]

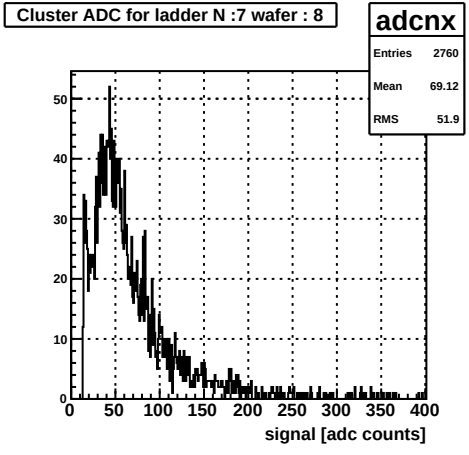

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2813
Mean 61.12
RMS 51.2
signal [adc counts]

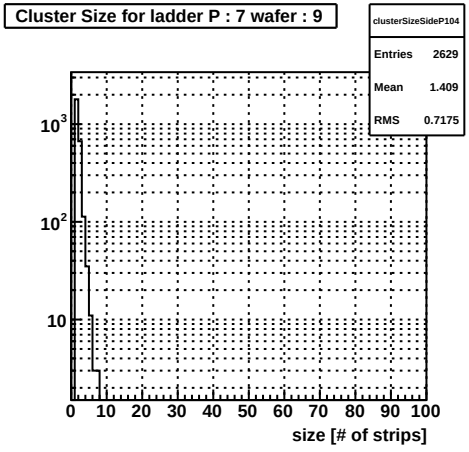

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 3248
Mean 1.422
RMS 0.7315
size [# of strips]

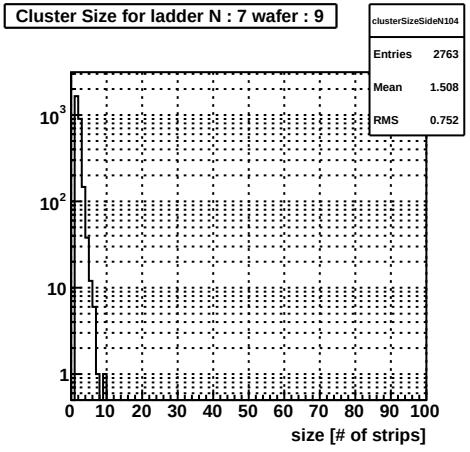

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 2760
Mean 1.64
RMS 0.8521
size [# of strips]

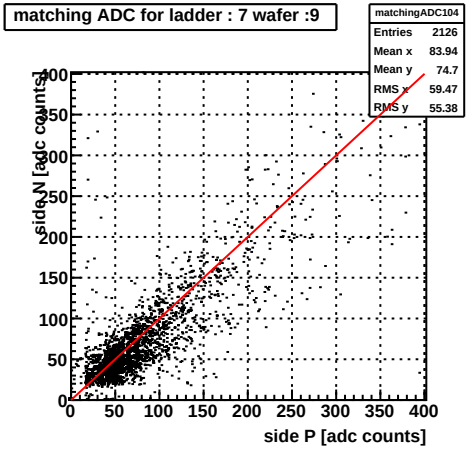

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 2569
Mean x 79.19
Mean y 67.05
RMS x 57.18
RMS y 48.88
side N [adc counts]
side P [adc counts]

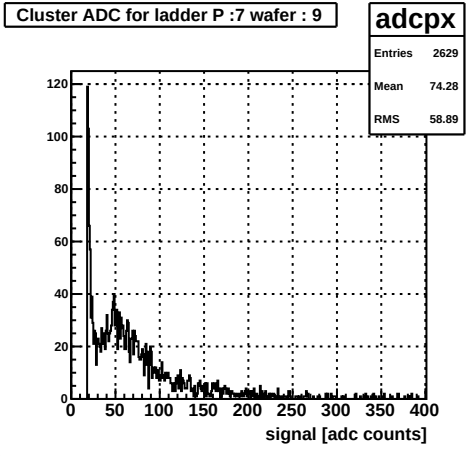

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 3248
Mean 79.1
RMS 63
signal [adc counts]

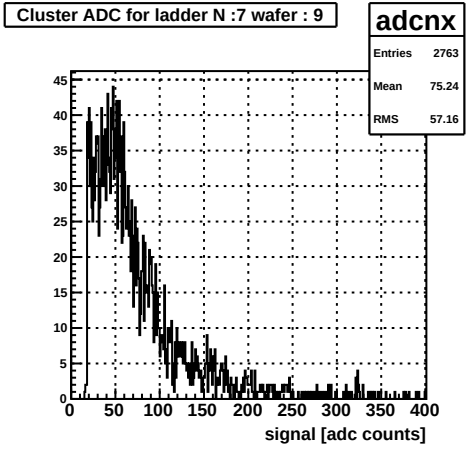

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 2760
Mean 69.12
RMS 51.9
signal [adc counts]

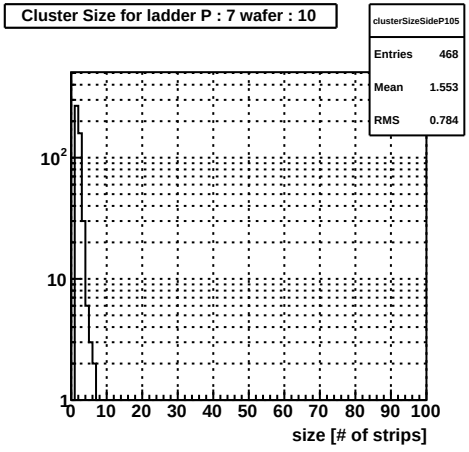

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 2629
Mean 1.409
RMS 0.7175
size [# of strips]

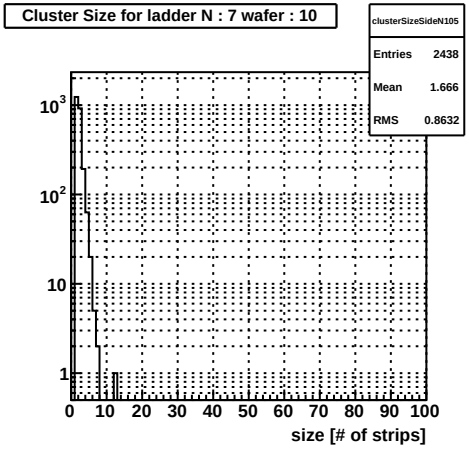

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 2763
Mean 1.508
RMS 0.752
size [# of strips]

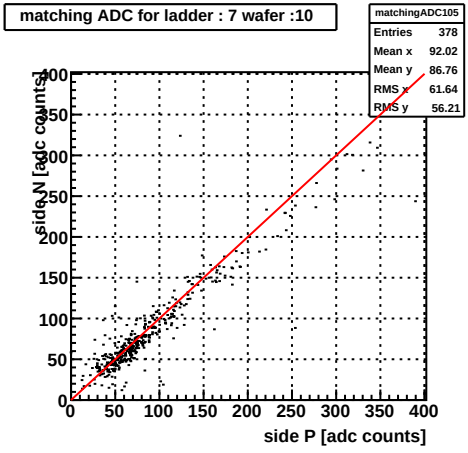

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 2126
Mean x 83.94
Mean y 74.7
RMS x 59.47
RMS y 55.38
side N [adc counts]
side P [adc counts]

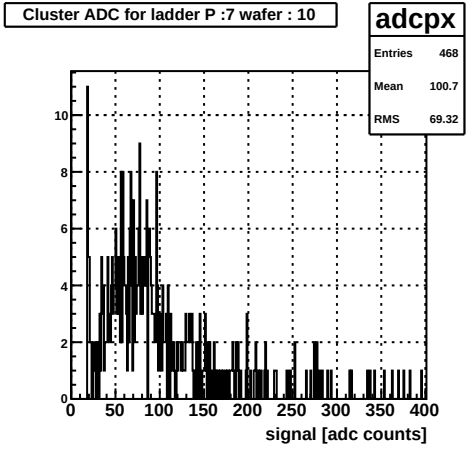

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 2629
Mean 74.28
RMS 58.89
signal [adc counts]

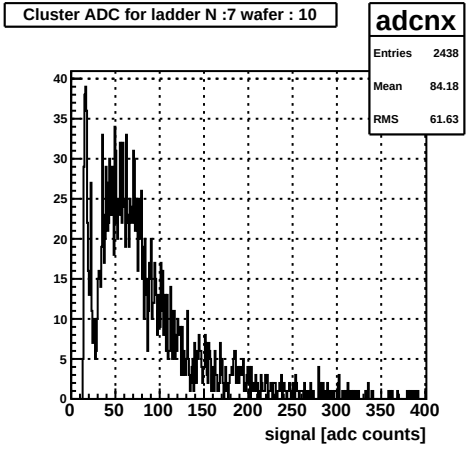

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 2763
Mean 75.24
RMS 57.16
signal [adc counts]

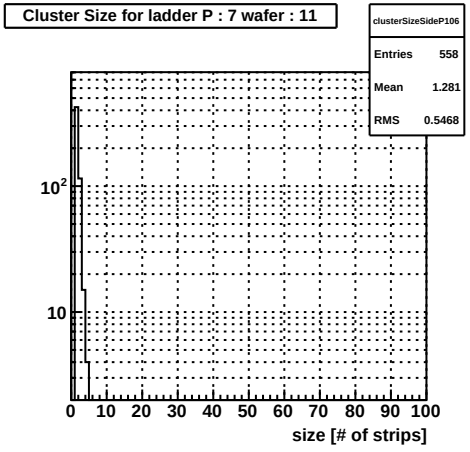

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 468
Mean 1.553
RMS 0.784
size [# of strips]

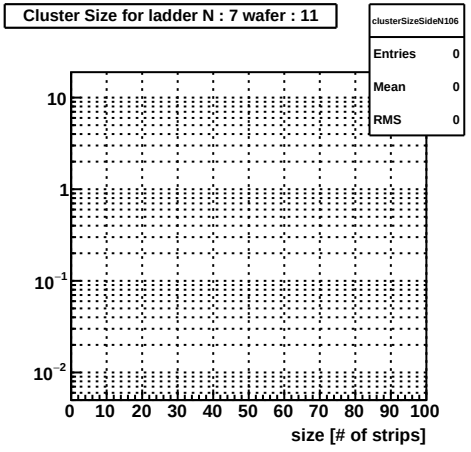

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 2438
Mean 1.666
RMS 0.8632
size [# of strips]

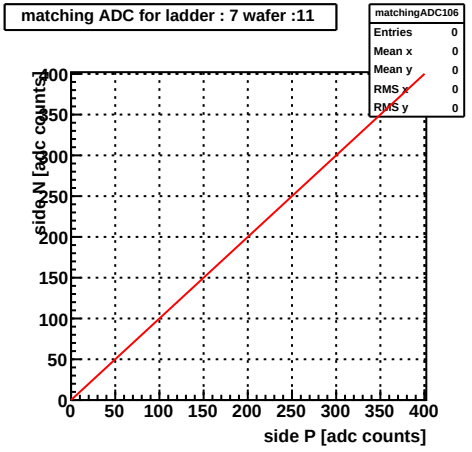

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 378
Mean x 92.02
Mean y 86.76
RMS x 61.64
RMS y 56.21
side N [adc counts]
side P [adc counts]

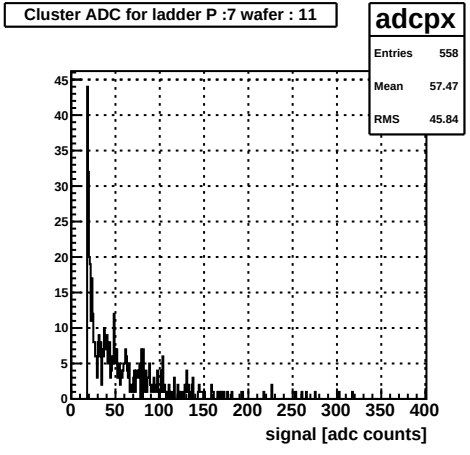

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 468
Mean 100.7
RMS 69.32
signal [adc counts]

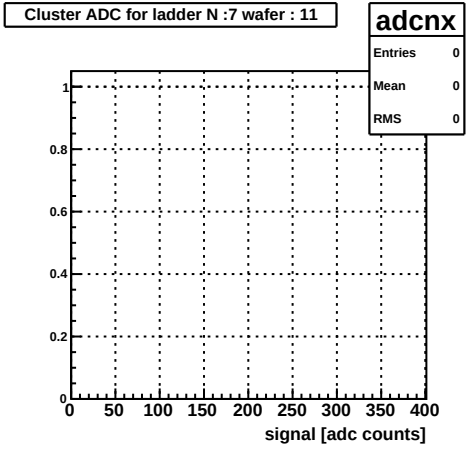

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 2438
Mean 84.18
RMS 61.63
signal [adc counts]

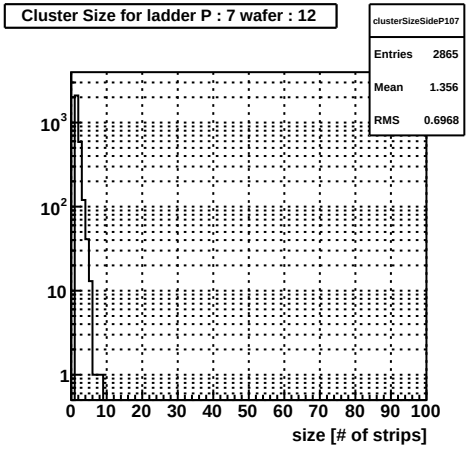

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 558
Mean 1.281
RMS 0.5468
size [# of strips]

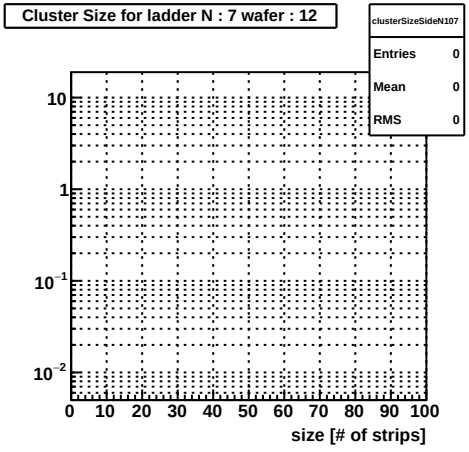

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 0
Mean 0
RMS 0
size [# of strips]

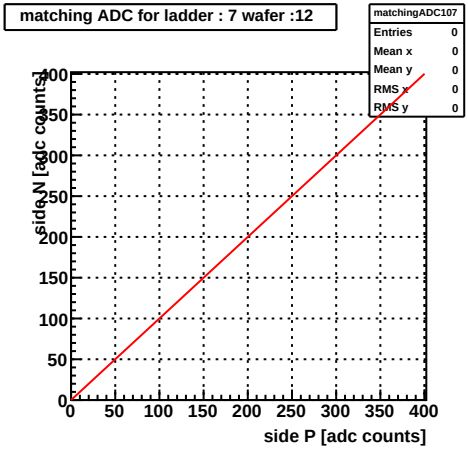

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

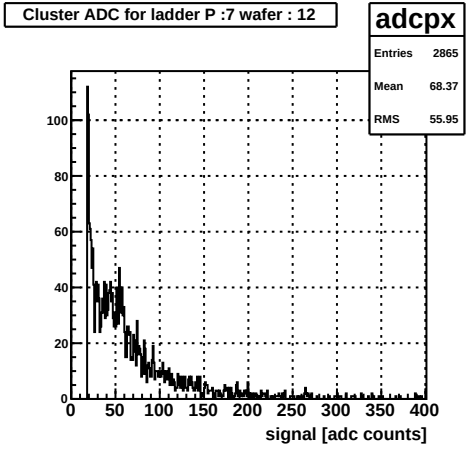

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 558
Mean 57.47
RMS 45.84
signal [adc counts]

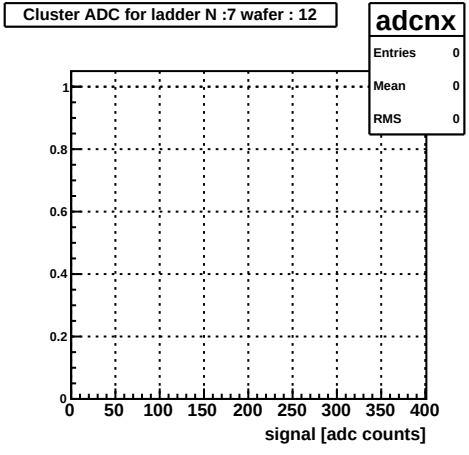

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

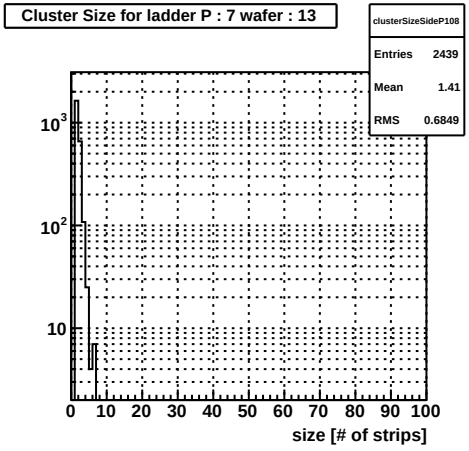

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 2865
Mean 1.356
RMS 0.6968
size [# of strips]

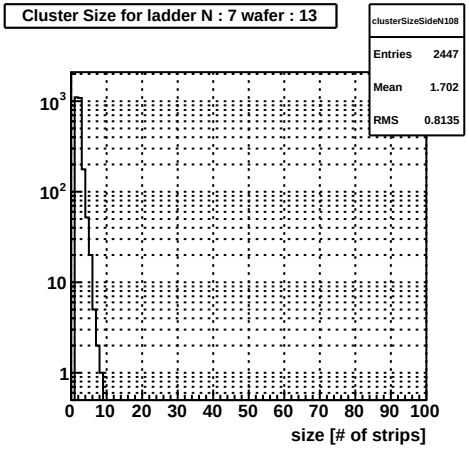

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 0
Mean 0
RMS 0
size [# of strips]

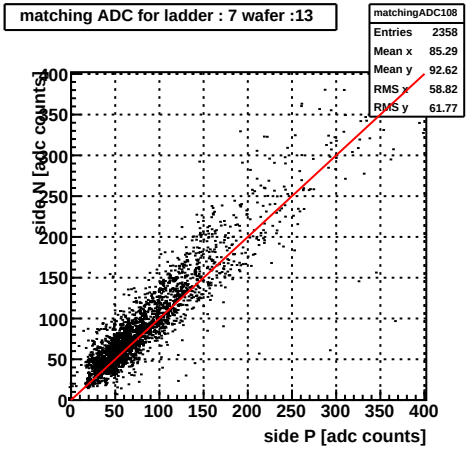

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

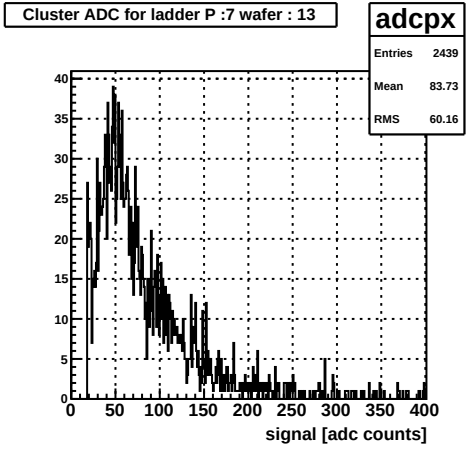

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 2865
Mean 68.37
RMS 55.95
signal [adc counts]

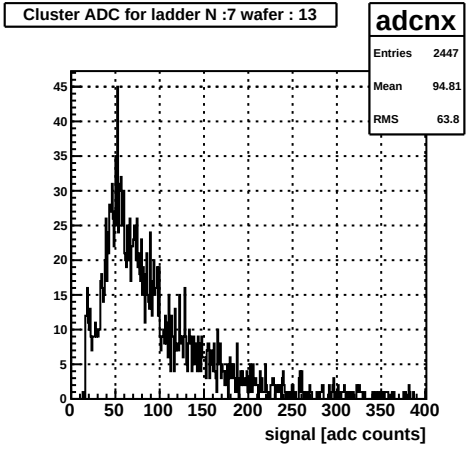

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

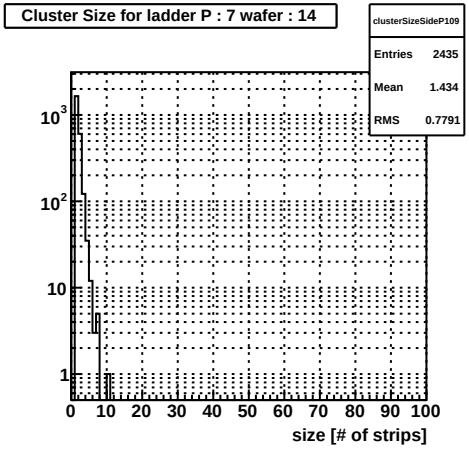

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 2439
Mean 1.41
RMS 0.6849
size [# of strips]

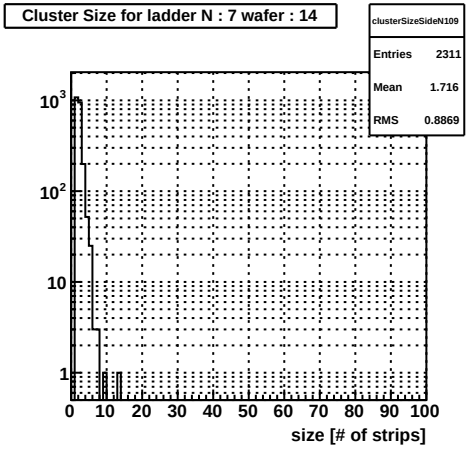

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 2447
Mean 1.702
RMS 0.8135
size [# of strips]

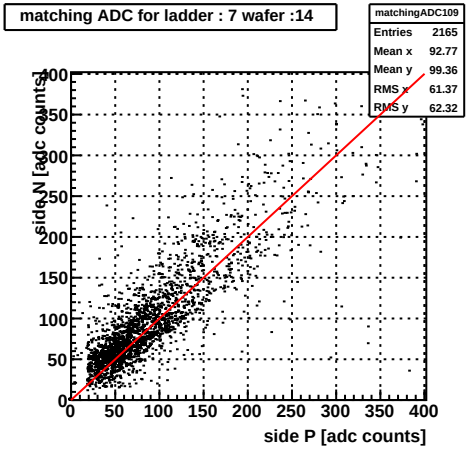

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 2358
Mean x 85.29
Mean y 92.62
RMS x 58.82
RMS y 61.77
side N [adc counts]
side P [adc counts]

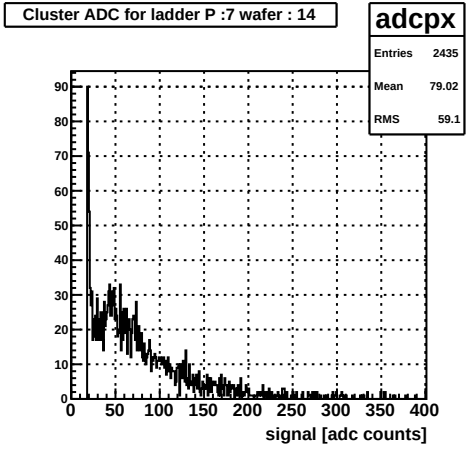

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 2439
Mean 83.73
RMS 60.16
signal [adc counts]

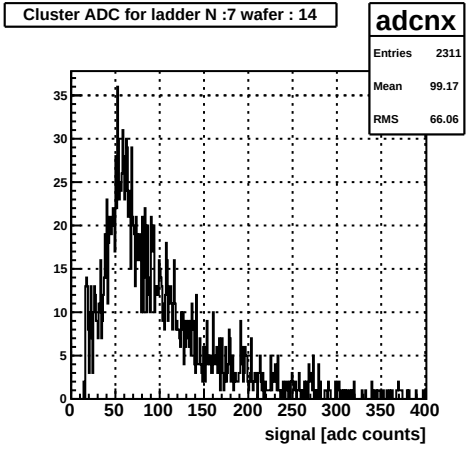

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 2447
Mean 94.81
RMS 63.8
signal [adc counts]

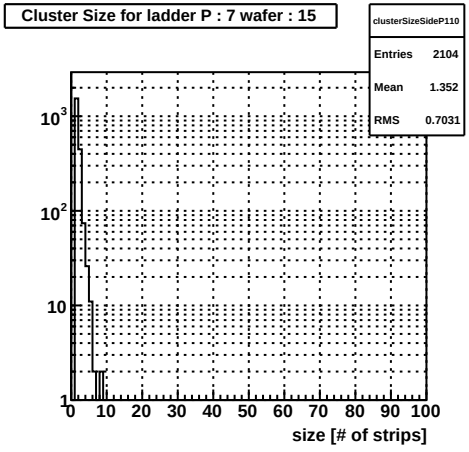

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 2435
Mean 1.434
RMS 0.7791
size [# of strips]

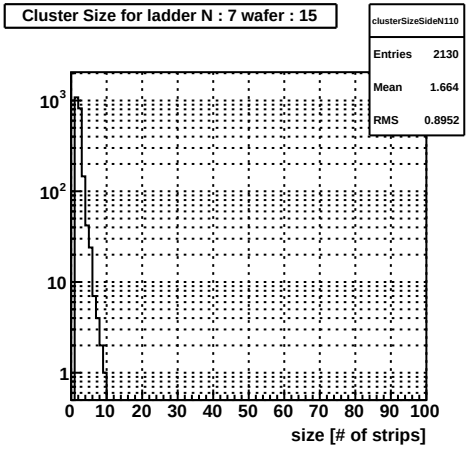

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2311
Mean 1.716
RMS 0.8869
size [# of strips]

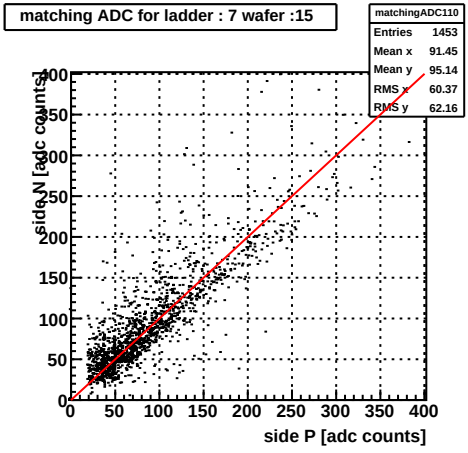

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 2165
Mean x 92.77
Mean y 99.36
RMS x 61.37
RMS y 62.32
side N [adc counts]
side P [adc counts]

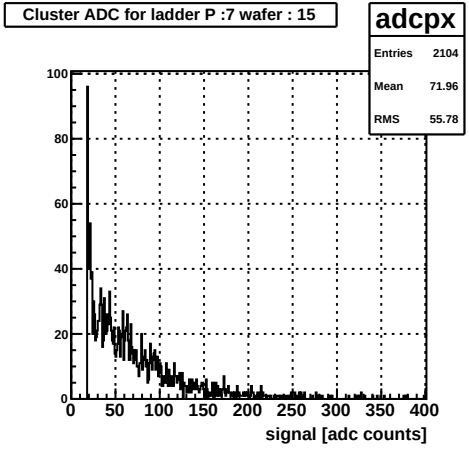

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 2435
Mean 79.02
RMS 59.1
signal [adc counts]

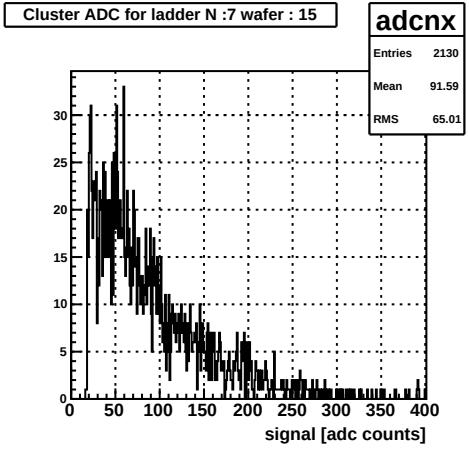

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2311
Mean 99.17
RMS 66.06
signal [adc counts]

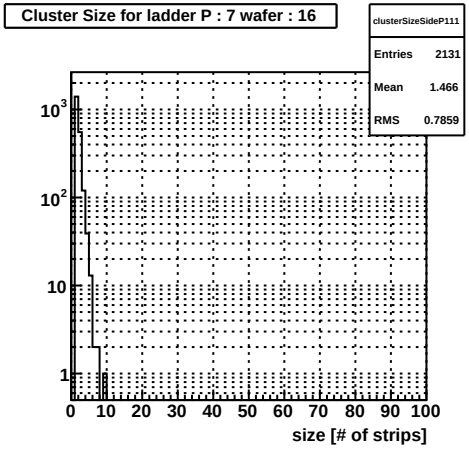

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 2104
Mean 1.352
RMS 0.7031
size [# of strips]

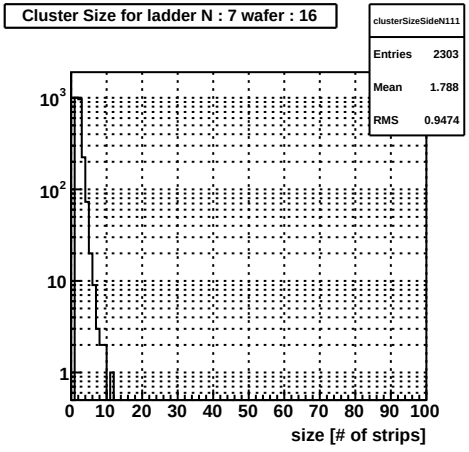

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2130
Mean 1.664
RMS 0.8952
size [# of strips]

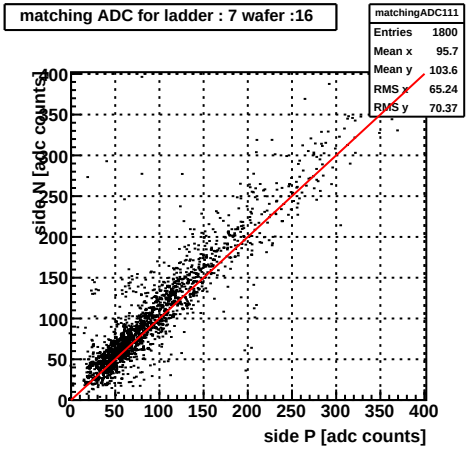

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 1453
Mean x 91.45
Mean y 95.14
RMS x 60.37
RMS y 62.16
side N [adc counts]
side P [adc counts]

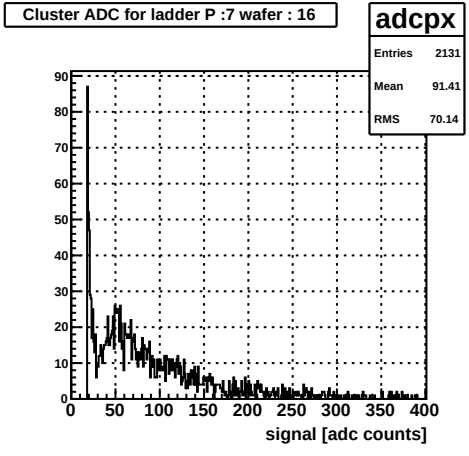

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 2104
Mean 71.96
RMS 55.78
signal [adc counts]

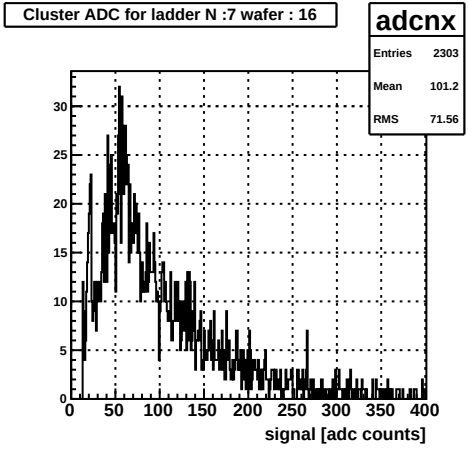

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2130
Mean 91.59
RMS 65.01
signal [adc counts]

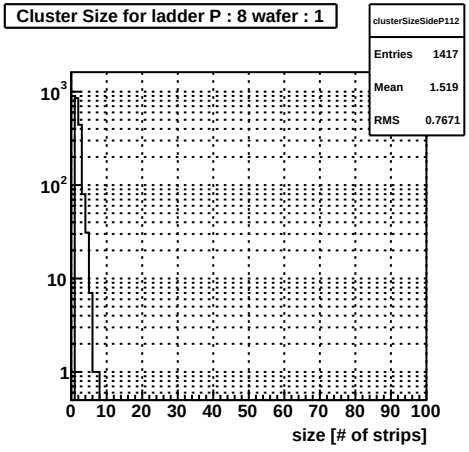

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 2131
Mean 1.466
RMS 0.7859
size [# of strips]

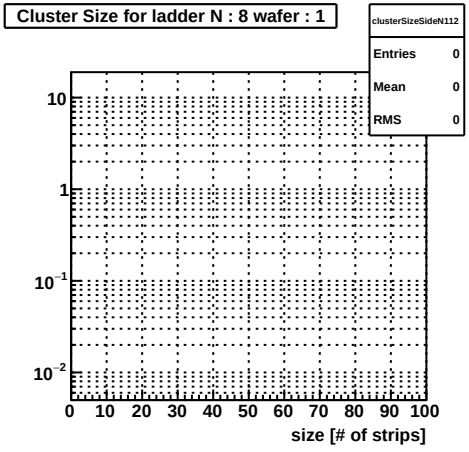

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 2303
Mean 1.788
RMS 0.9474
size [# of strips]

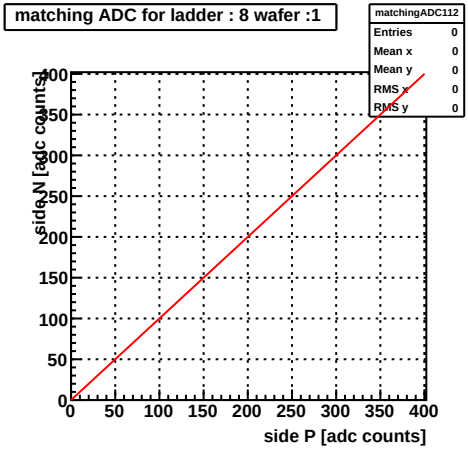

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1800
Mean x 95.7
Mean y 103.6
RMS x 65.24
RMS y 70.37
side N [adc counts]
side P [adc counts]

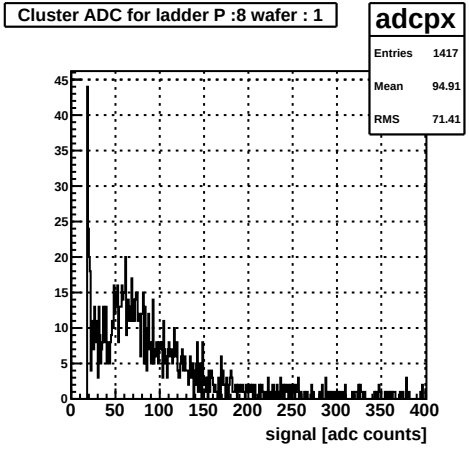

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 2131
Mean 91.41
RMS 70.14
signal [adc counts]

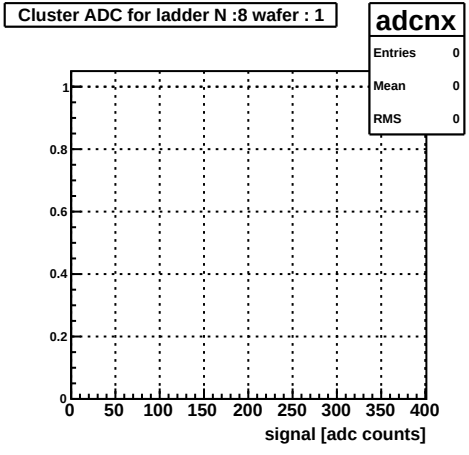

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 2303
Mean 101.2
RMS 71.56
signal [adc counts]

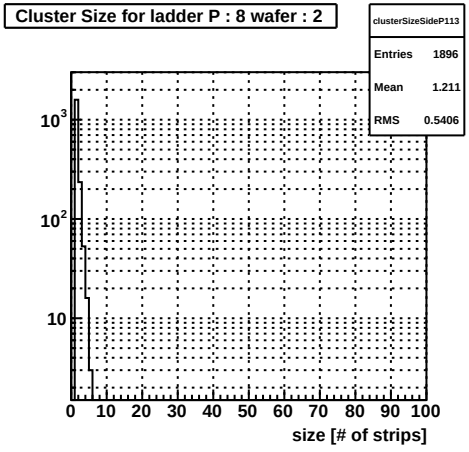

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1417
Mean 1.519
RMS 0.7671
size [# of strips]

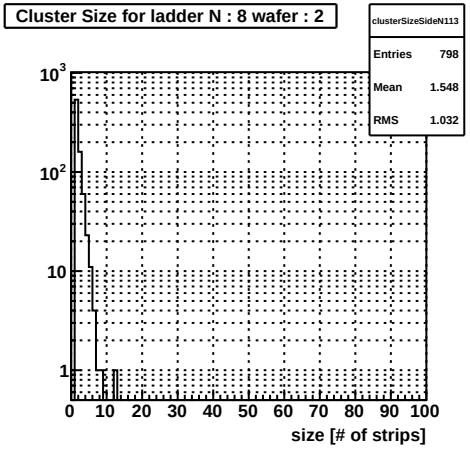

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

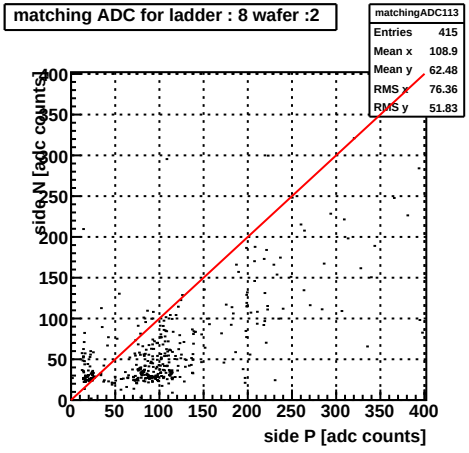

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

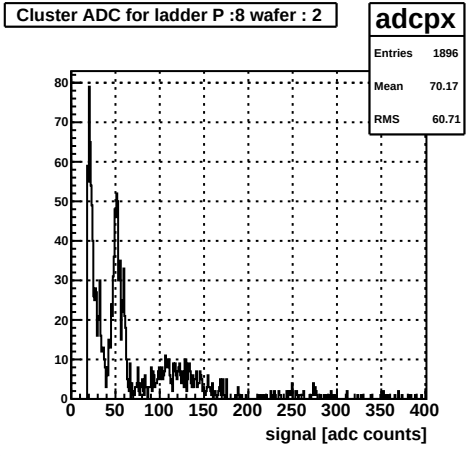

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1417
Mean 94.91
RMS 71.41
signal [adc counts]

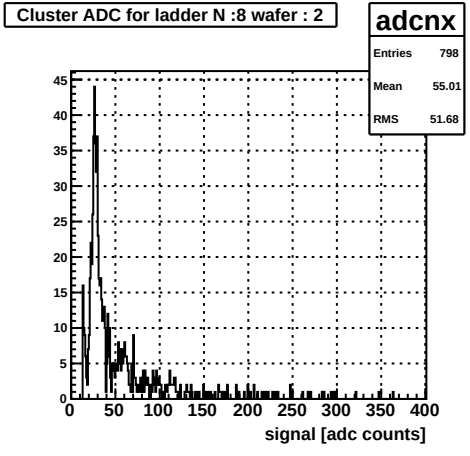

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

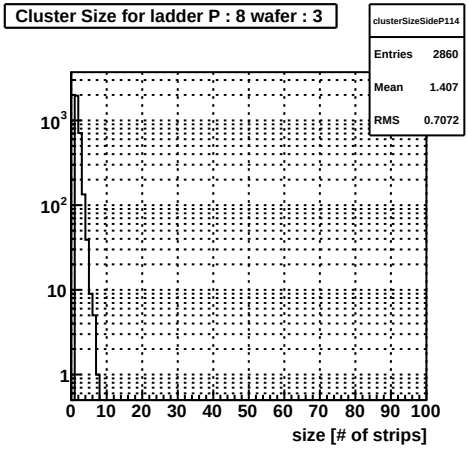

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 1896
Mean 1.211
RMS 0.5406
size [# of strips]

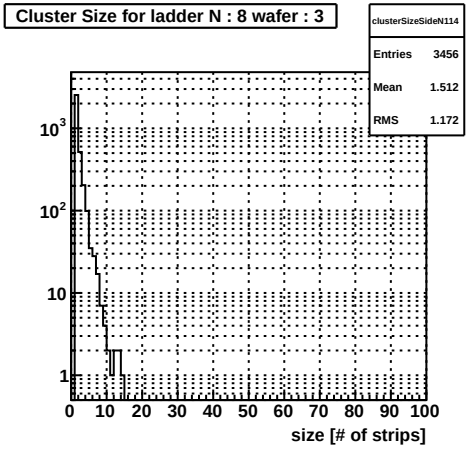

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 798
Mean 1.548
RMS 1.032
size [# of strips]

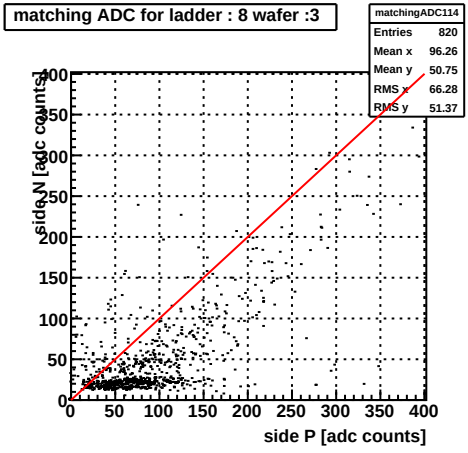

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 415
Mean x 108.9
Mean y 62.48
RMS x 76.36
RMS y 51.83
side N [adc counts]
side P [adc counts]

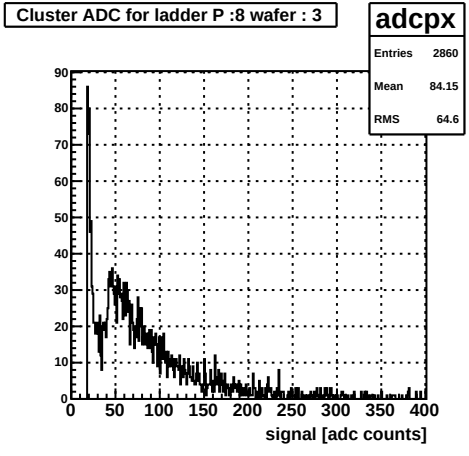

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 1896
Mean 70.17
RMS 60.71
signal [adc counts]

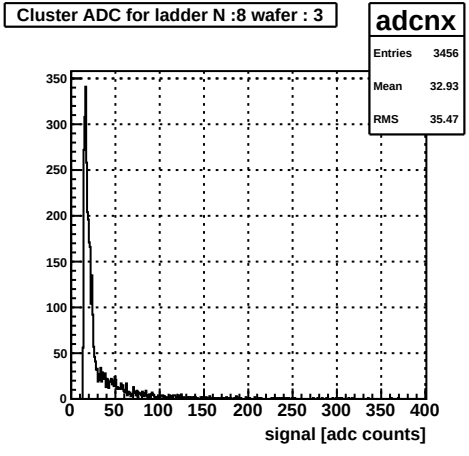

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 798
Mean 55.01
RMS 51.68
signal [adc counts]

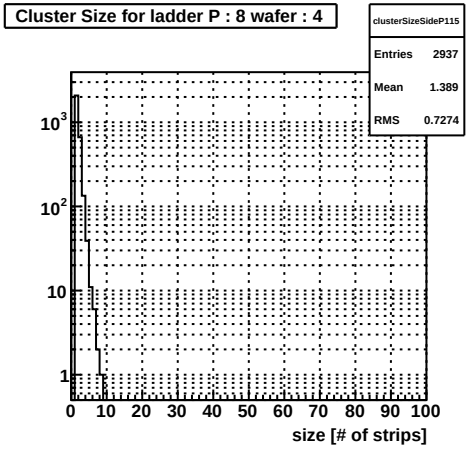

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 2860
Mean 1.407
RMS 0.7072
size [# of strips]

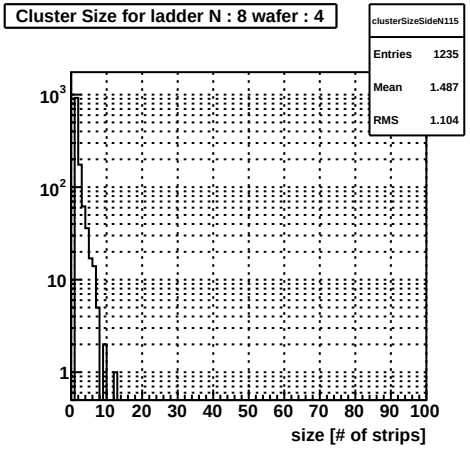

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 3456
Mean 1.512
RMS 1.172
size [# of strips]

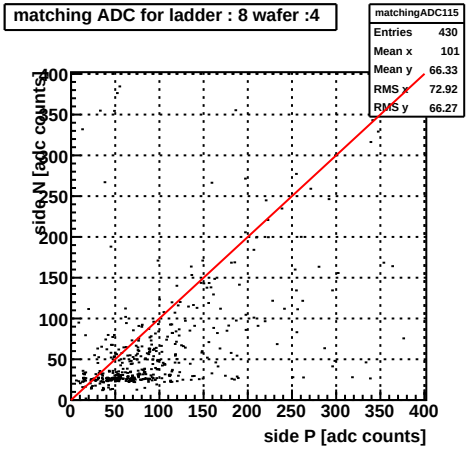

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 820
Mean x 96.26
Mean y 50.75
RMS x 66.28
RMS y 51.37
side N [adc counts]
side P [adc counts]

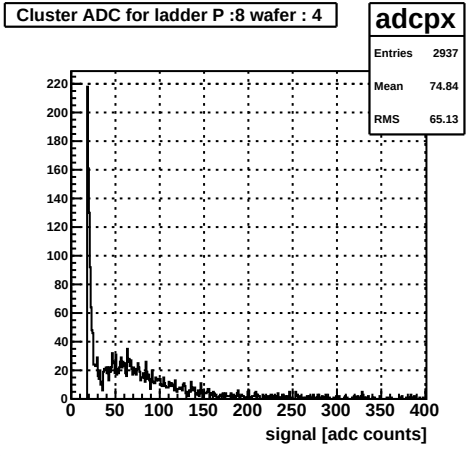

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 2860
Mean 84.15
RMS 64.6
signal [adc counts]

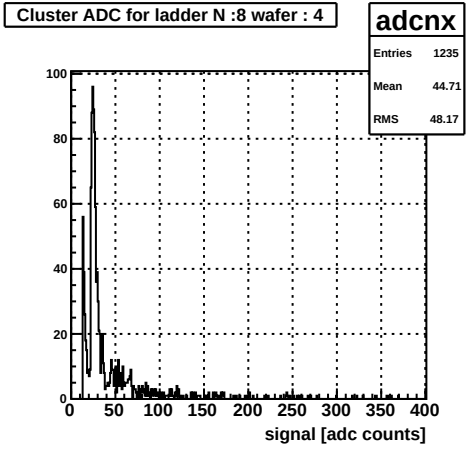

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 3456
Mean 32.93
RMS 35.47
signal [adc counts]

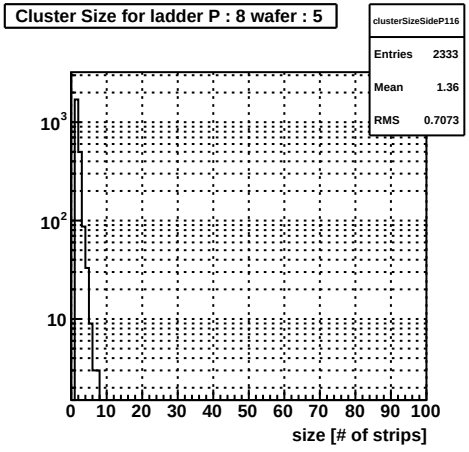

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 2937
Mean 1.389
RMS 0.7274
size [# of strips]

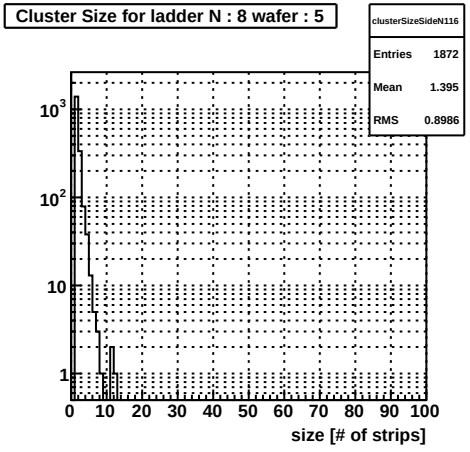

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 1235
Mean 1.487
RMS 1.104
size [# of strips]

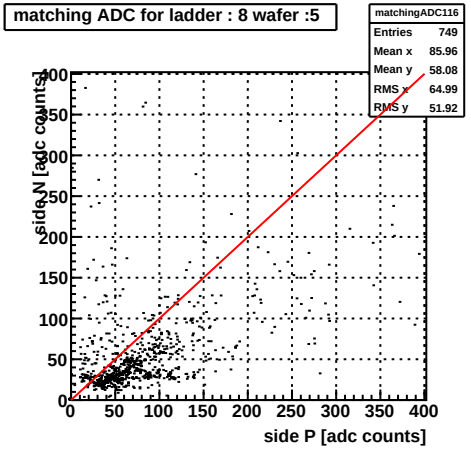

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 430
Mean x 101
Mean y 66.33
RMS x 72.92
RMS y 66.27
side N [adc counts]
side P [adc counts]

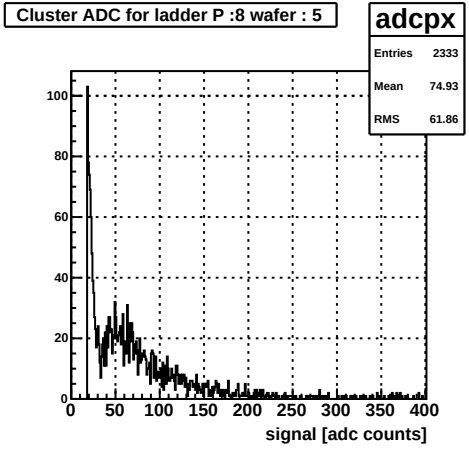

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 2937
Mean 74.84
RMS 65.13
signal [adc counts]

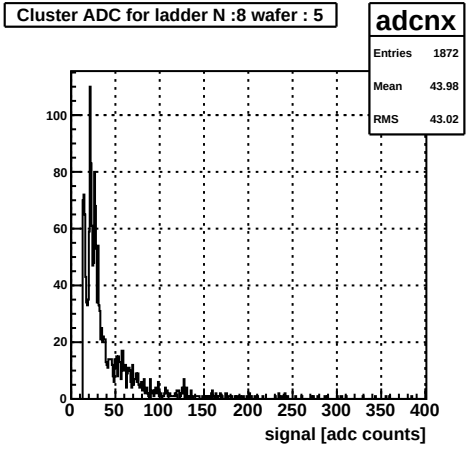

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 1235
Mean 44.71
RMS 48.17
signal [adc counts]

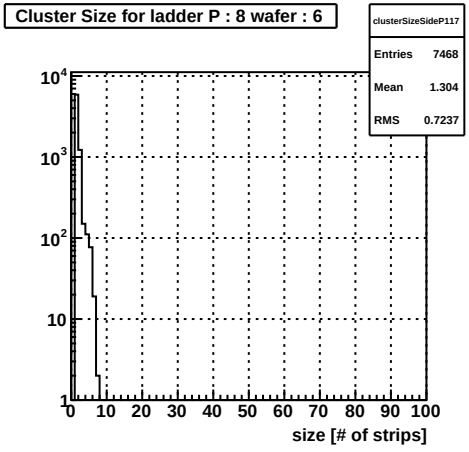

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 2333
Mean 1.36
RMS 0.7073
size [# of strips]

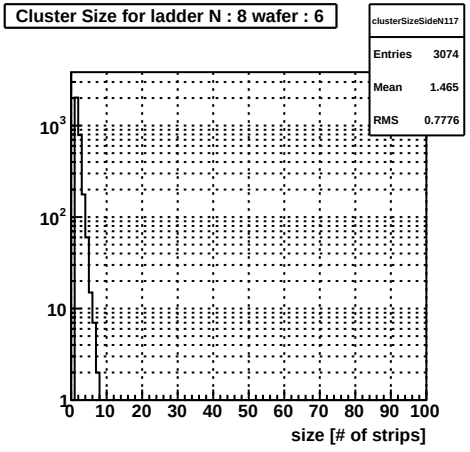

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 1872
Mean 1.395
RMS 0.8986
size [# of strips]

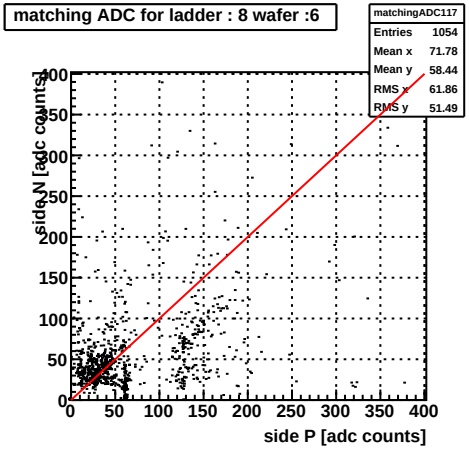

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 749
Mean x 85.96
Mean y 58.08
RMS x 64.99
RMS y 51.92
side N [adc counts]
side P [adc counts]

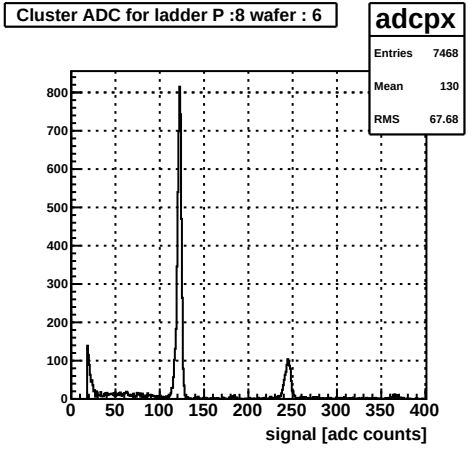

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 2333
Mean 74.93
RMS 61.86
signal [adc counts]

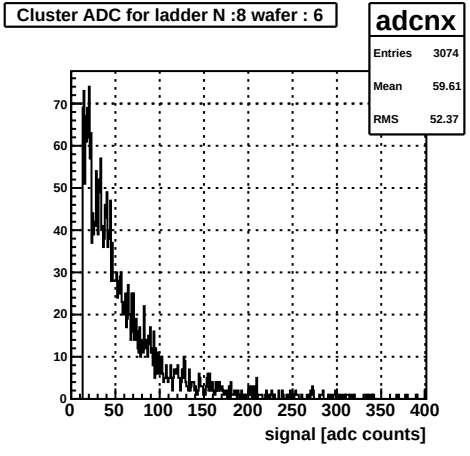

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 1872
Mean 43.98
RMS 43.02
signal [adc counts]

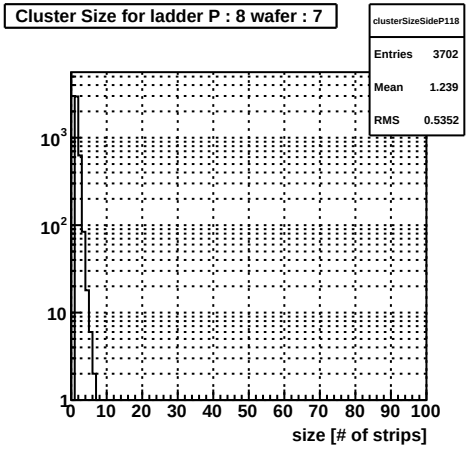

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 7468
Mean 1.304
RMS 0.7237
size [# of strips]

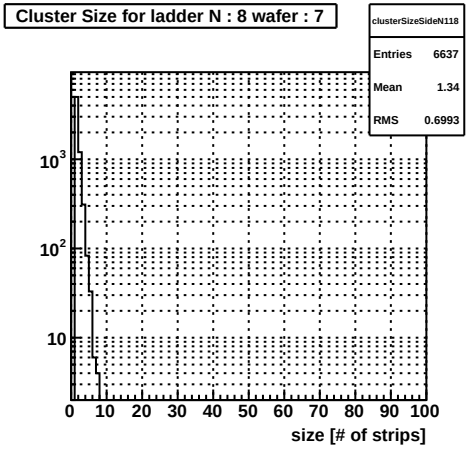

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 3074
Mean 1.465
RMS 0.7776
size [# of strips]

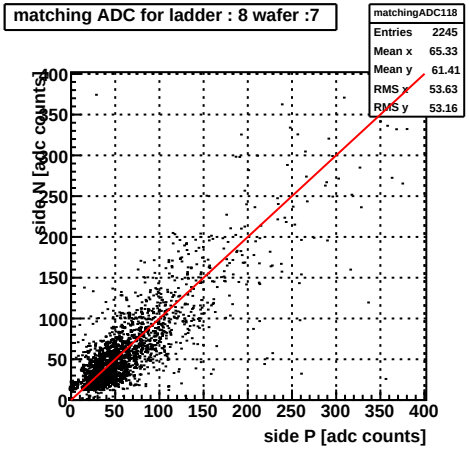

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 1054
Mean x 71.78
Mean y 58.44
RMS x 61.86
RMS y 51.49
side N [adc counts]
side P [adc counts]

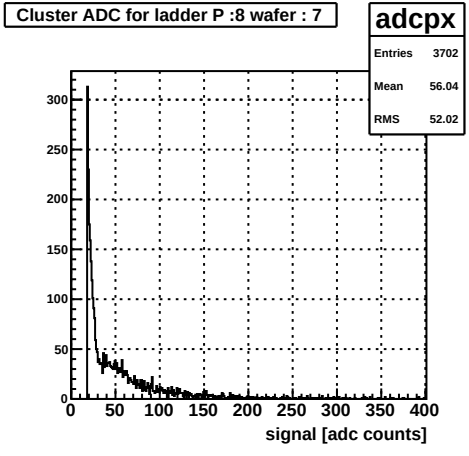

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 7468
Mean 130
RMS 67.68
signal [adc counts]

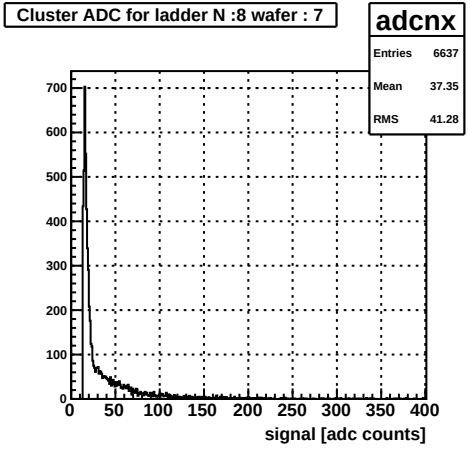

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 3074
Mean 59.61
RMS 52.37
signal [adc counts]

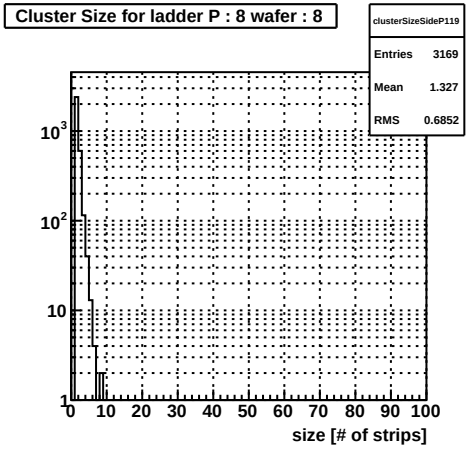

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 3702
Mean 1.239
RMS 0.5352
size [# of strips]

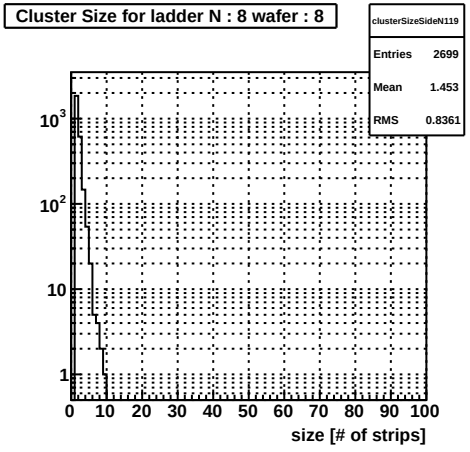

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 6637
Mean 1.34
RMS 0.6993
size [# of strips]

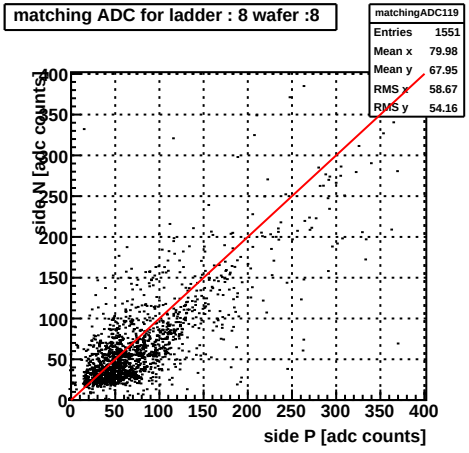

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 2245
Mean x 65.33
Mean y 61.41
RMS x 53.63
RMS y 53.16
side N [adc counts]
side P [adc counts]

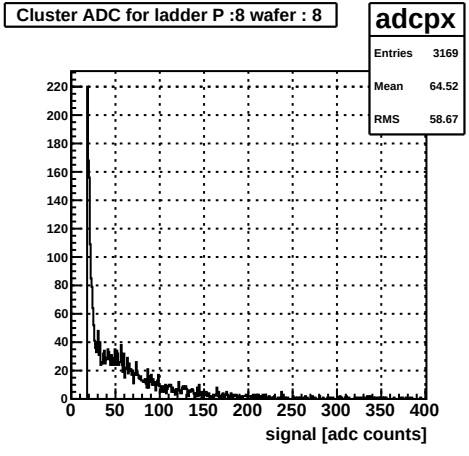

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 3702
Mean 56.04
RMS 52.02
signal [adc counts]

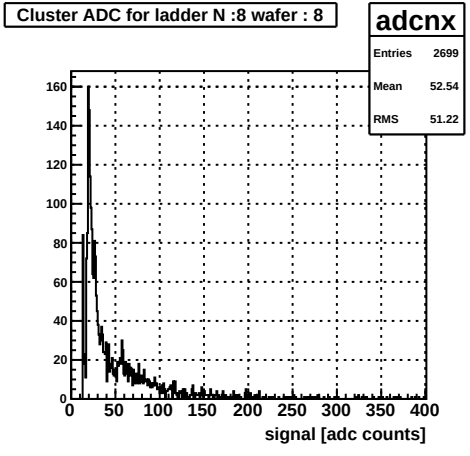

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 6637
Mean 37.35
RMS 41.28
signal [adc counts]

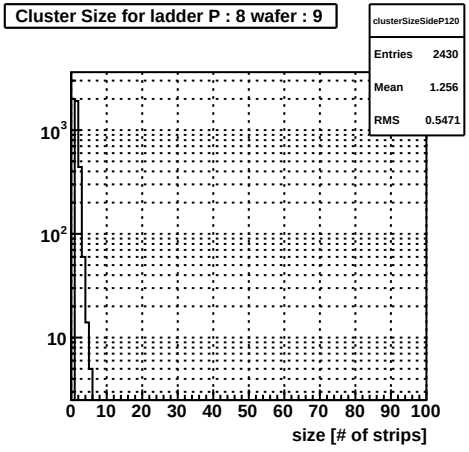

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 3169
Mean 1.327
RMS 0.6852
size [# of strips]

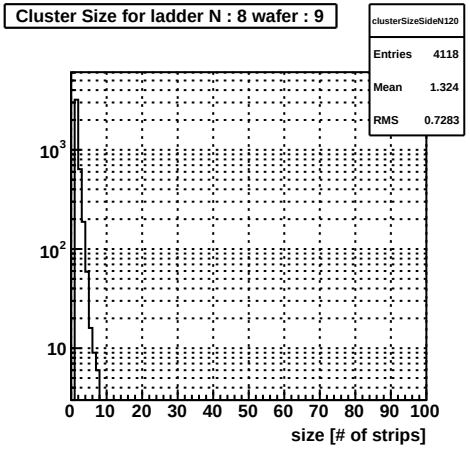

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 2699
Mean 1.453
RMS 0.8361
size [# of strips]

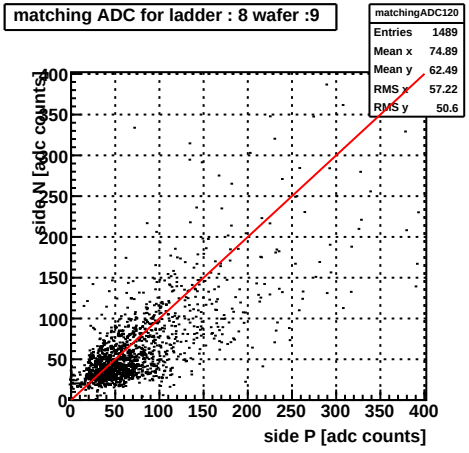

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1551
Mean x 79.98
Mean y 67.95
RMS x 58.67
RMS y 54.16
side N [adc counts]
side P [adc counts]

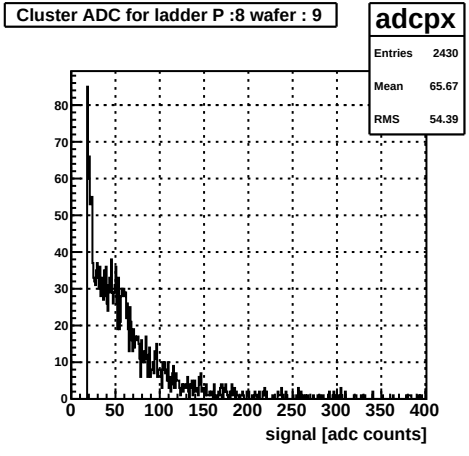

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 3169
Mean 64.52
RMS 58.67
signal [adc counts]

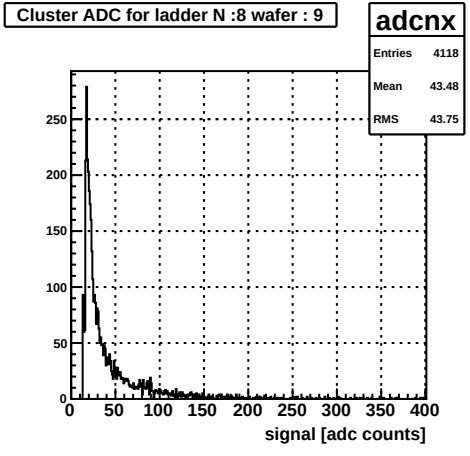

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 2699
Mean 52.54
RMS 51.22
signal [adc counts]

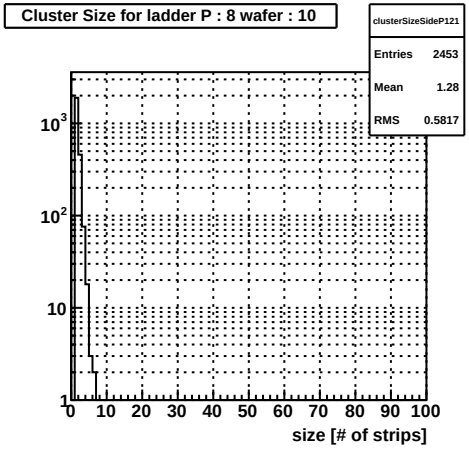

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 2430
Mean 1.256
RMS 0.5471
size [# of strips]

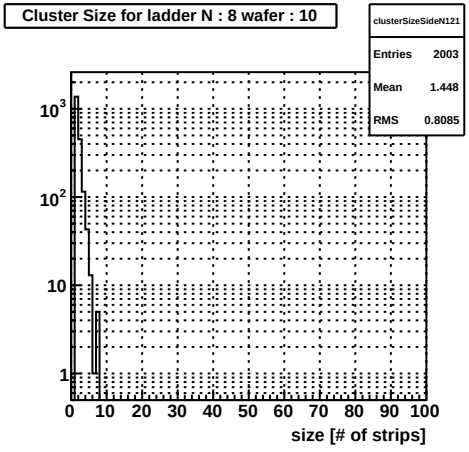

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 4118
Mean 1.324
RMS 0.7283
size [# of strips]

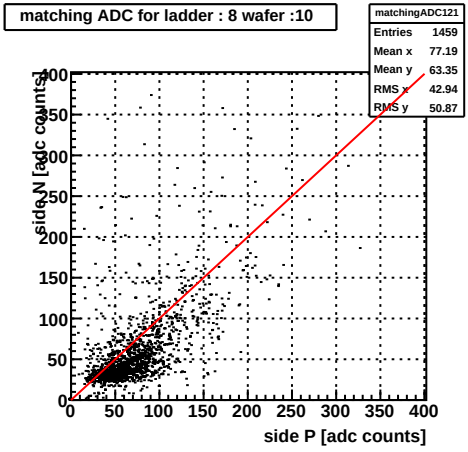

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1489
Mean x 74.89
Mean y 62.49
RMS x 57.22
RMS y 50.6
side N [adc counts]
side P [adc counts]

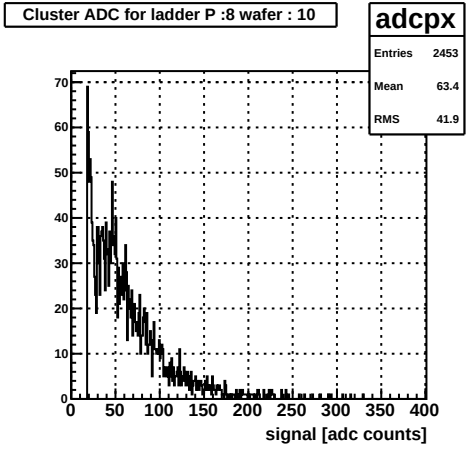

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 2430
Mean 65.67
RMS 54.39
signal [adc counts]

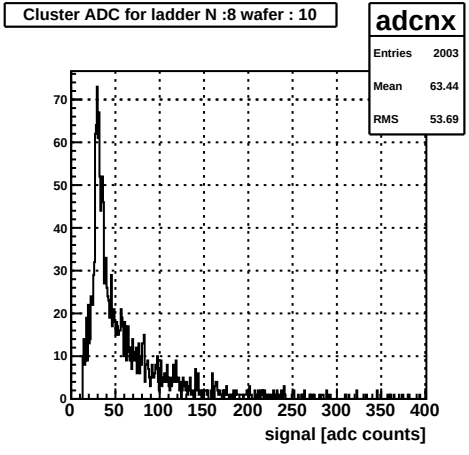

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 4118
Mean 43.48
RMS 43.75
signal [adc counts]

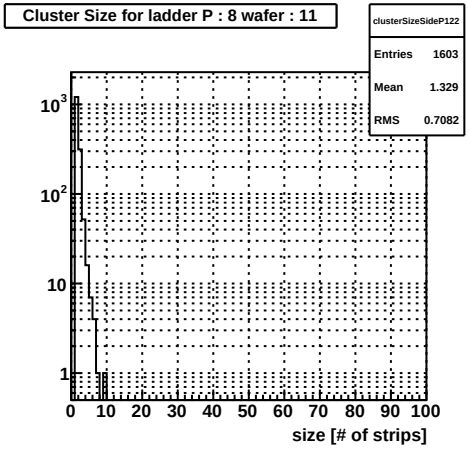

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 2453
Mean 1.28
RMS 0.5817
size [# of strips]

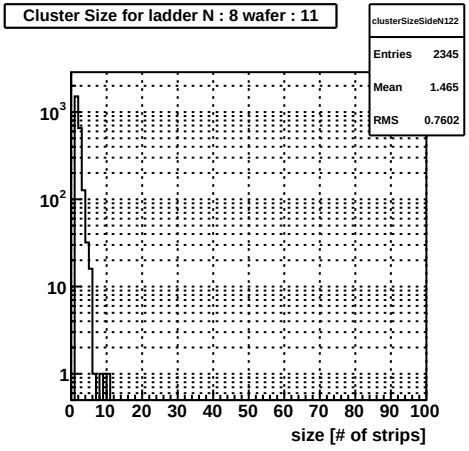

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 2003
Mean 1.448
RMS 0.8085
size [# of strips]

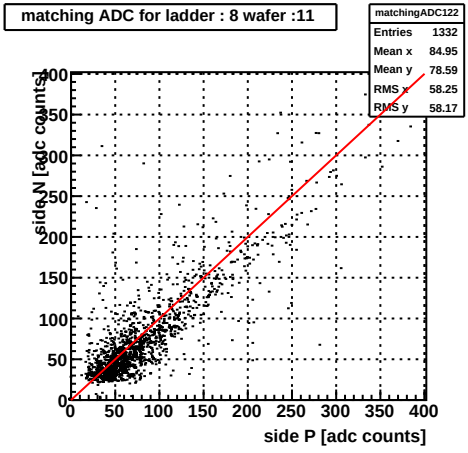

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1459
Mean x 77.19
Mean y 63.35
RMS x 42.94
RMS y 50.87
side N [adc counts]
side P [adc counts]

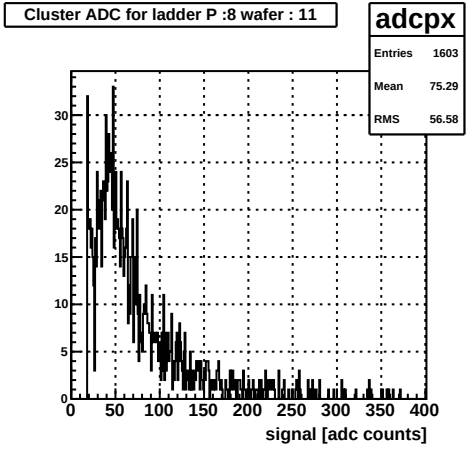

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 2453
Mean 63.4
RMS 41.9
signal [adc counts]

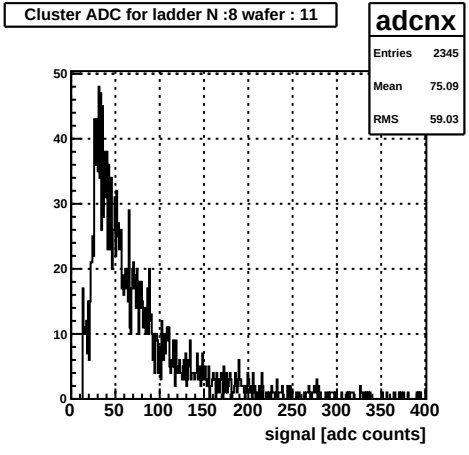

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 2003
Mean 63.44
RMS 53.69
signal [adc counts]

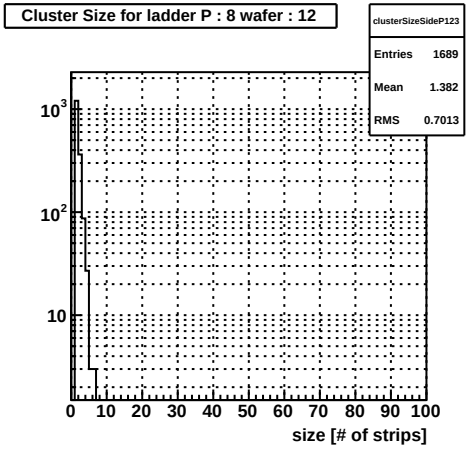

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1603
Mean 1.329
RMS 0.7082
size [# of strips]

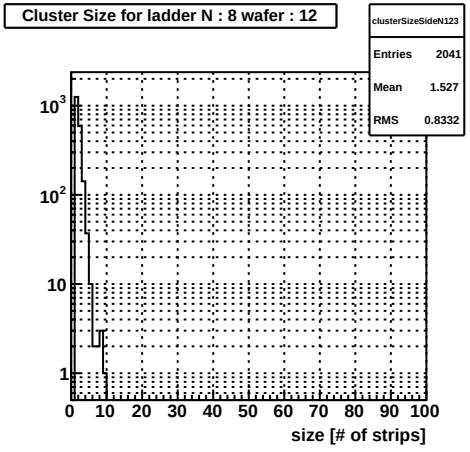

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2345
Mean 1.465
RMS 0.7602
size [# of strips]

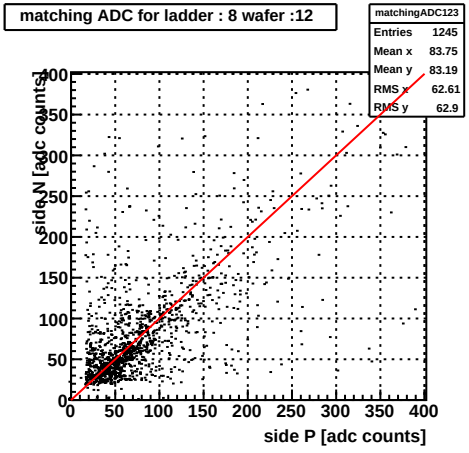

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1332
Mean x 84.95
Mean y 78.59
RMS x 58.25
RMS y 58.17
side N [adc counts]
side P [adc counts]

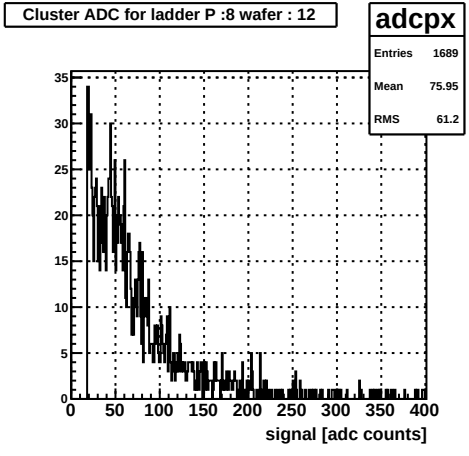

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1603
Mean 75.29
RMS 56.58
signal [adc counts]

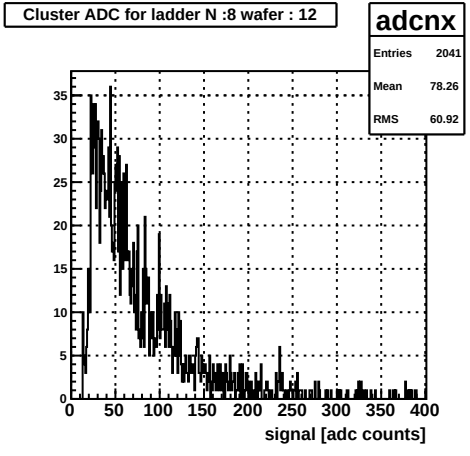

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2345
Mean 75.09
RMS 59.03
signal [adc counts]

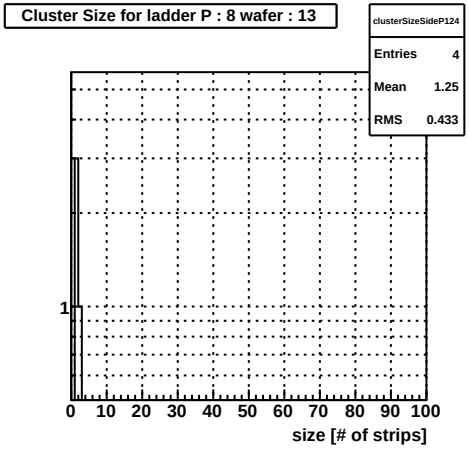

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1689
Mean 1.382
RMS 0.7013
size [# of strips]

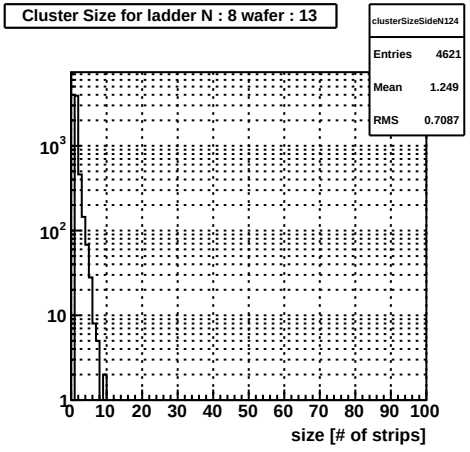

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 2041
Mean 1.527
RMS 0.8332
size [# of strips]

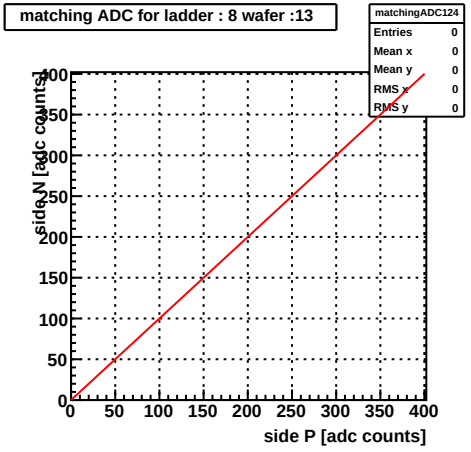

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1245
Mean x 83.75
Mean y 83.19
RMS x 62.61
RMS y 62.9
side N [adc counts]
side P [adc counts]

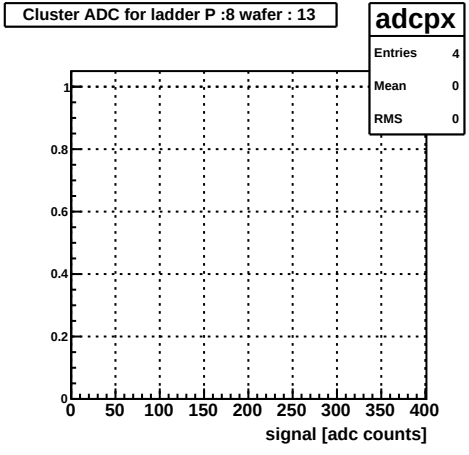

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1689
Mean 75.95
RMS 61.2
signal [adc counts]

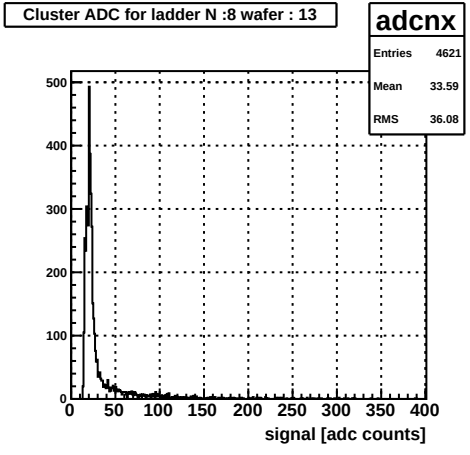

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 2041
Mean 78.26
RMS 60.92
signal [adc counts]

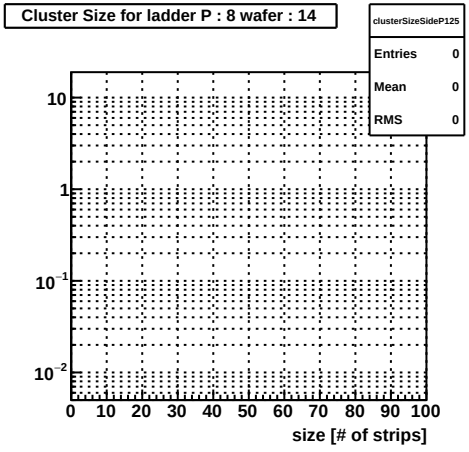

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 4
Mean 1.25
RMS 0.433
size [# of strips]

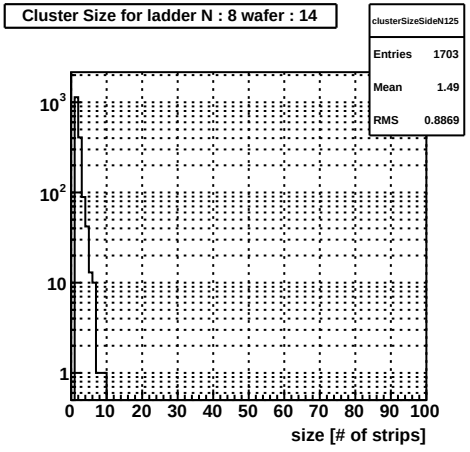

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 4621
Mean 1.249
RMS 0.7087
size [# of strips]

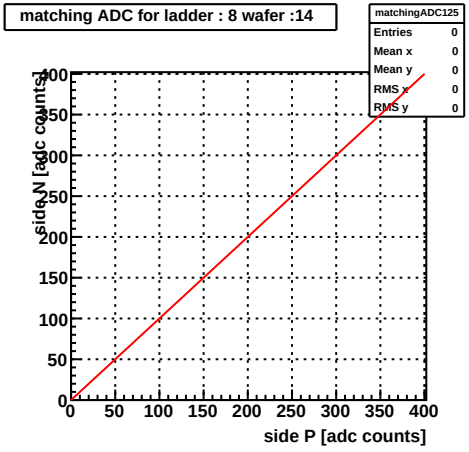

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

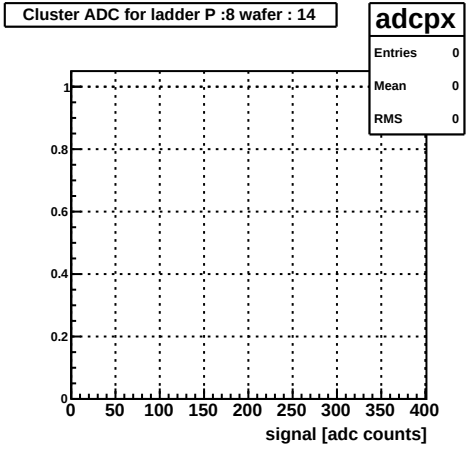

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

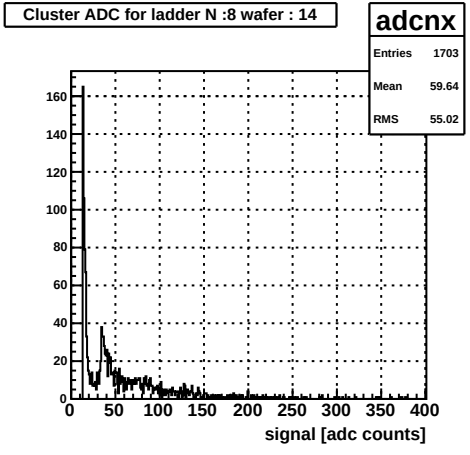

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 4621
Mean 33.59
RMS 36.08
signal [adc counts]

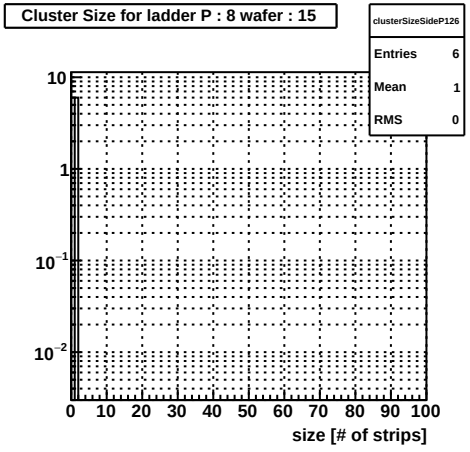

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

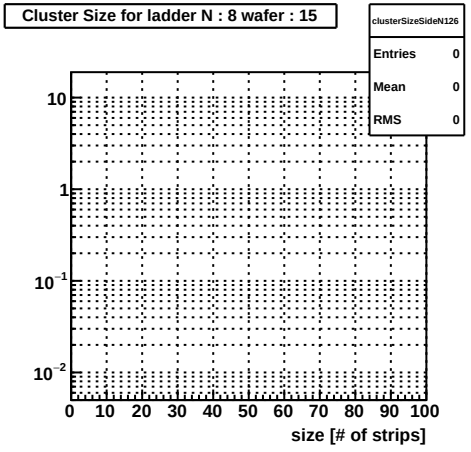

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1703
Mean 1.49
RMS 0.8869
size [# of strips]

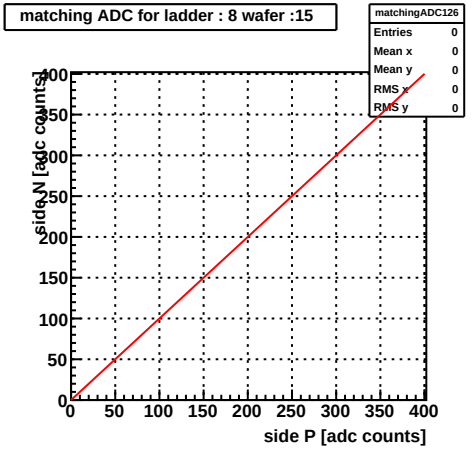

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

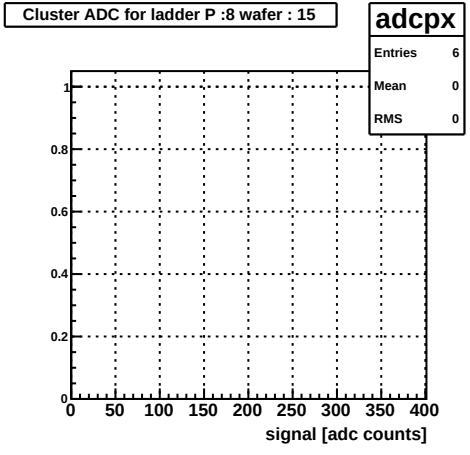

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

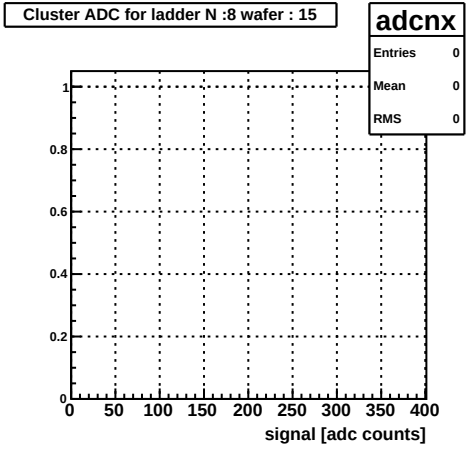

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1703
Mean 59.64
RMS 55.02
signal [adc counts]

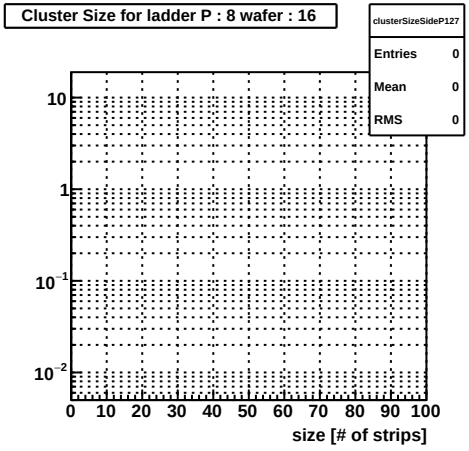

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 6
Mean 1
RMS 0
size [# of strips]

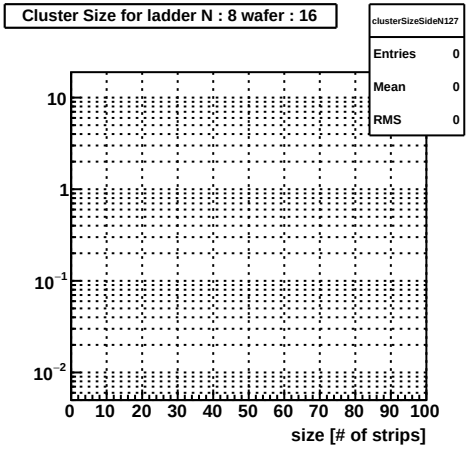

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

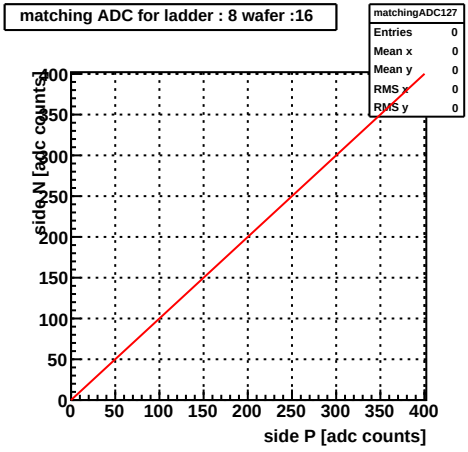

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

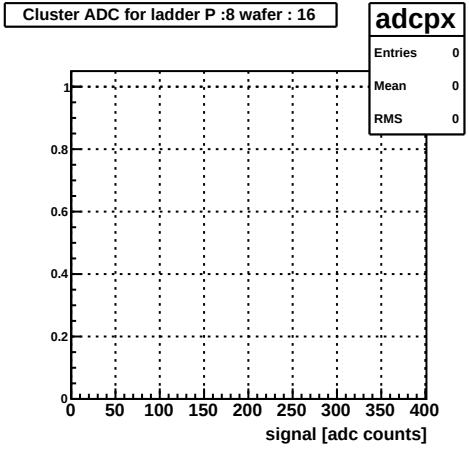

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 6
Mean 0
RMS 0
signal [adc counts]

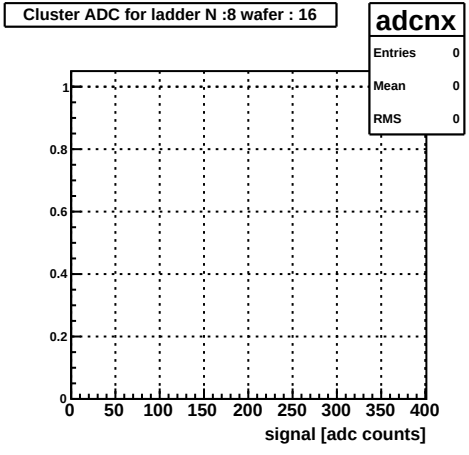

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

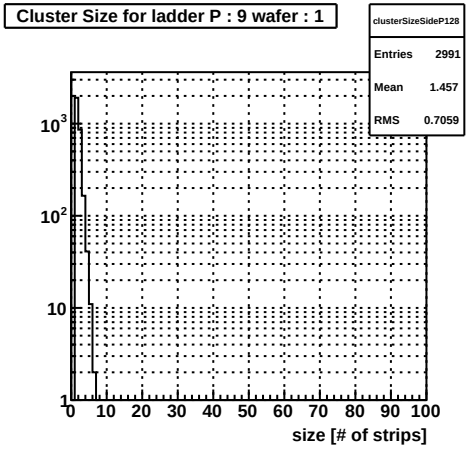

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

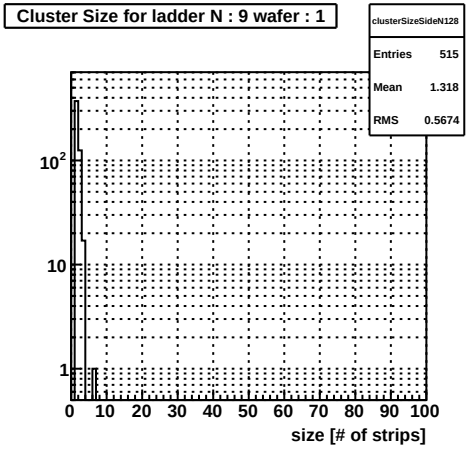

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

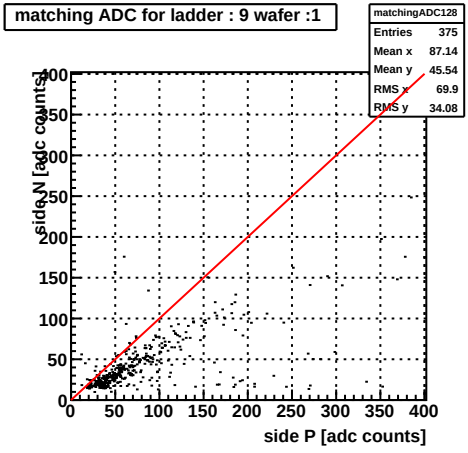

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

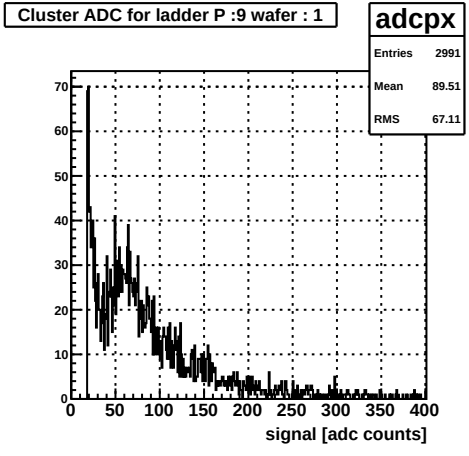

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

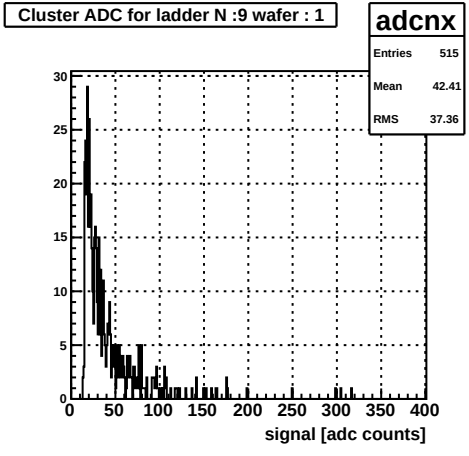

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

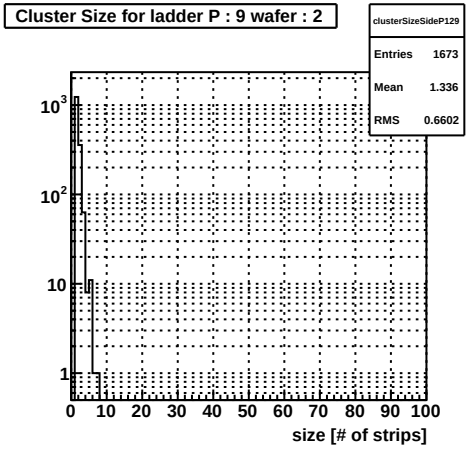

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 2991
Mean 1.457
RMS 0.7059
size [# of strips]

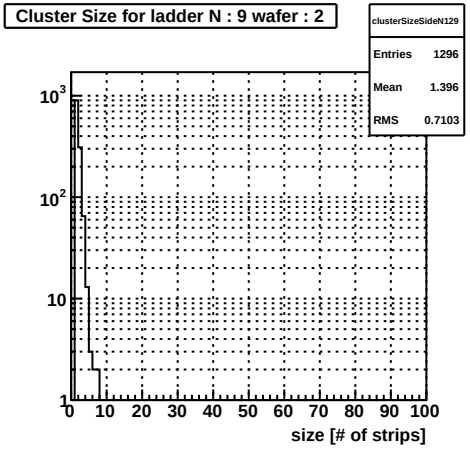

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 515
Mean 1.318
RMS 0.5674
size [# of strips]

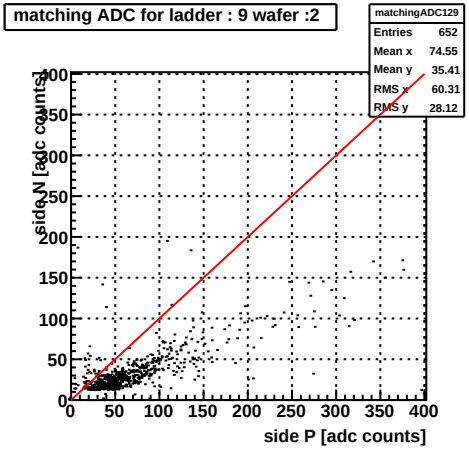

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 375
Mean x 87.14
Mean y 45.54
RMS x 69.9
RMS y 34.08
side N [adc counts]
side P [adc counts]

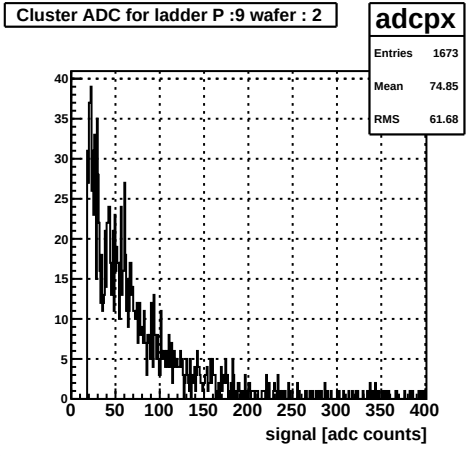

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 2991
Mean 89.51
RMS 67.11
signal [adc counts]

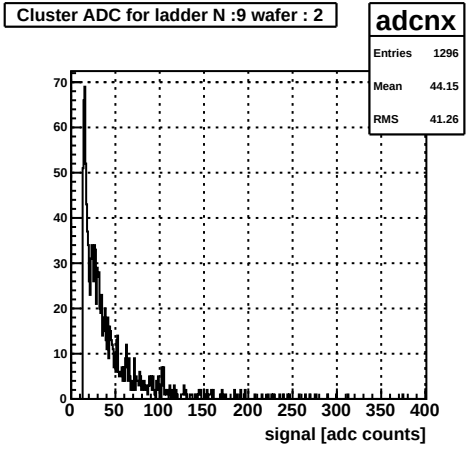

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 515
Mean 42.41
RMS 37.36
signal [adc counts]

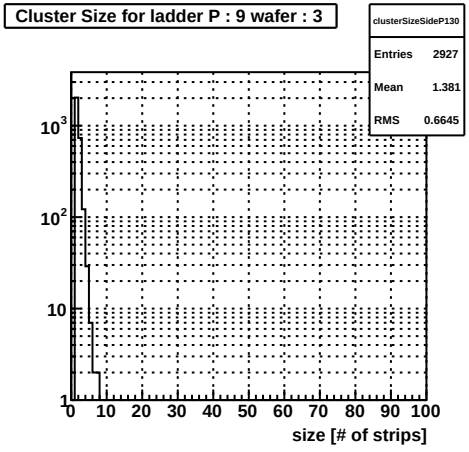

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1673
Mean 1.336
RMS 0.6602
size [# of strips]

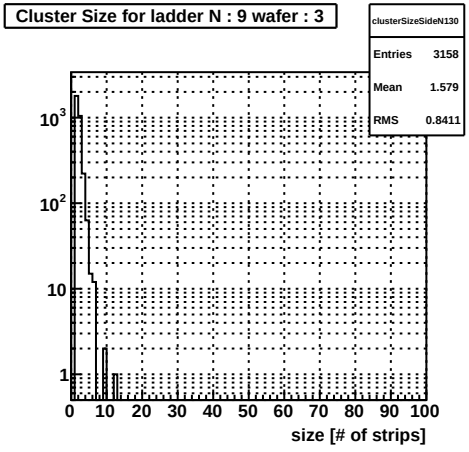

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 1296
Mean 1.396
RMS 0.7103
size [# of strips]

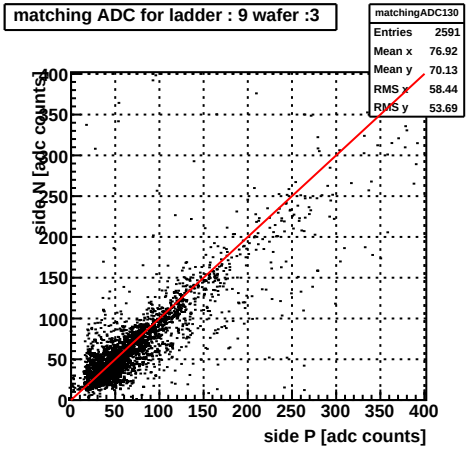

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 652
Mean x 74.55
Mean y 35.41
RMS x 60.31
RMS y 28.12
side N [adc counts]
side P [adc counts]

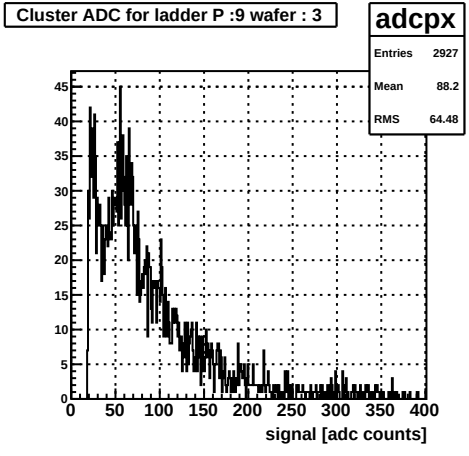

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1673
Mean 74.85
RMS 61.68
signal [adc counts]

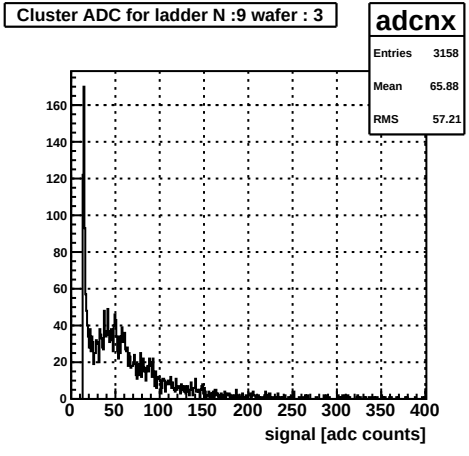

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 1296
Mean 44.15
RMS 41.26
signal [adc counts]

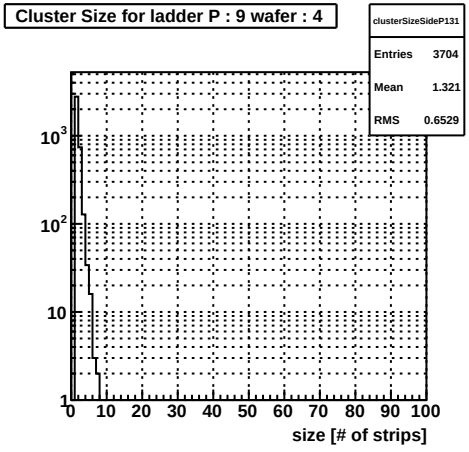

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 2927
Mean 1.381
RMS 0.6645
size [# of strips]

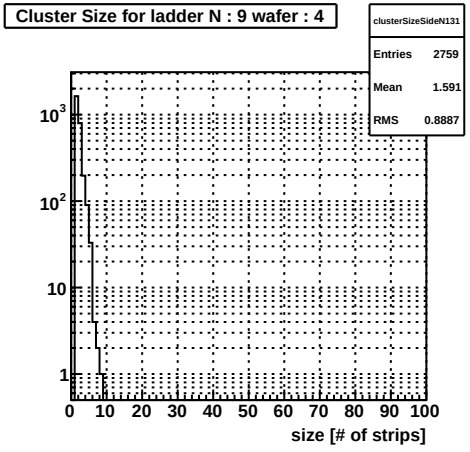

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 3158
Mean 1.579
RMS 0.8411
size [# of strips]

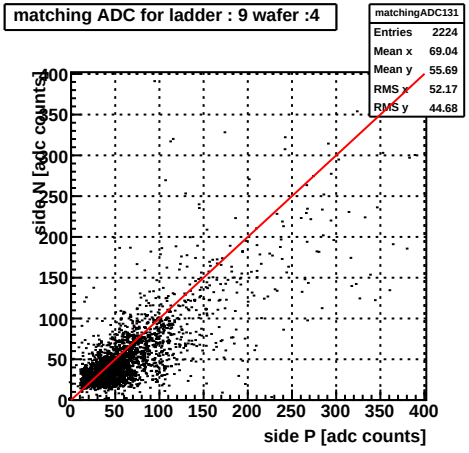

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 2591
Mean x 76.92
Mean y 70.13
RMS x 58.44
RMS y 53.69
side N [adc counts]
side P [adc counts]

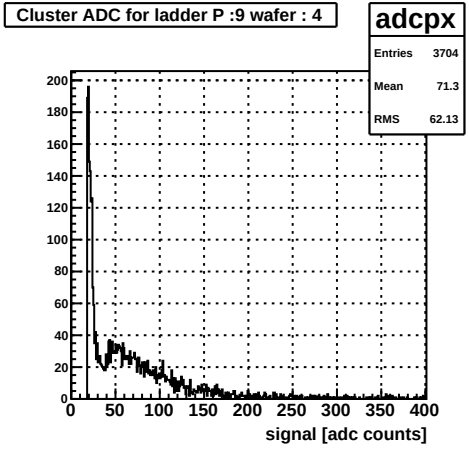

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 2927
Mean 88.2
RMS 64.48
signal [adc counts]

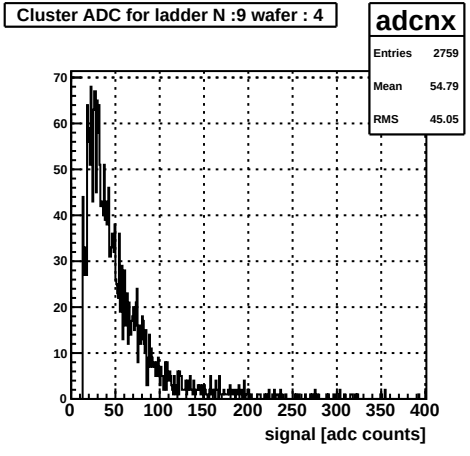

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 3158
Mean 65.88
RMS 57.21
signal [adc counts]

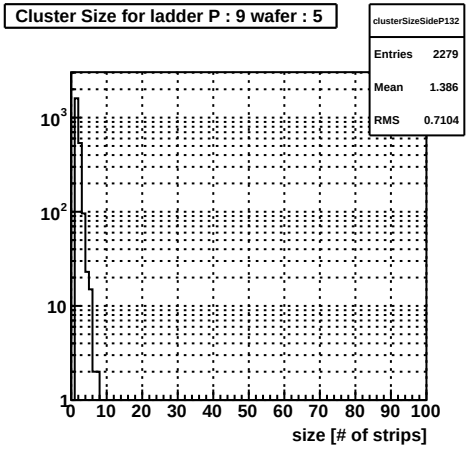

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 3704
Mean 1.321
RMS 0.6529
size [# of strips]

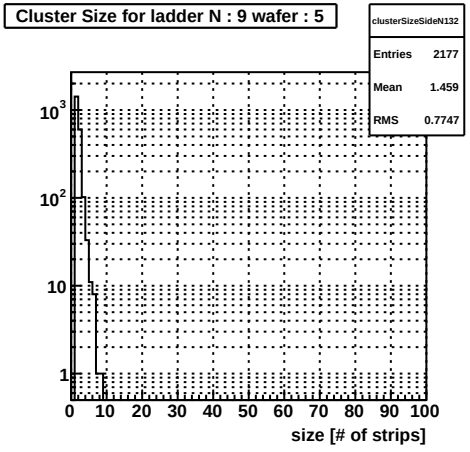

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 2759
Mean 1.591
RMS 0.8887
size [# of strips]

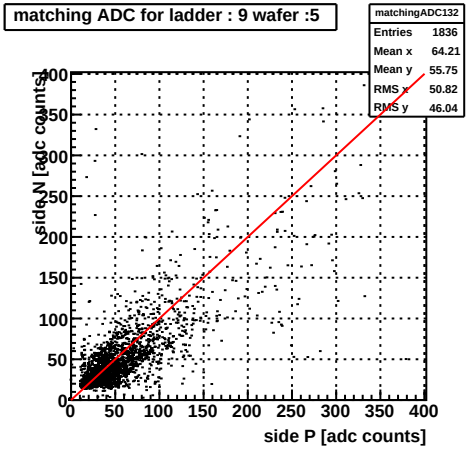

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 2224
Mean x 69.04
Mean y 55.69
RMS x 52.17
RMS y 44.68
side N [adc counts]
side P [adc counts]

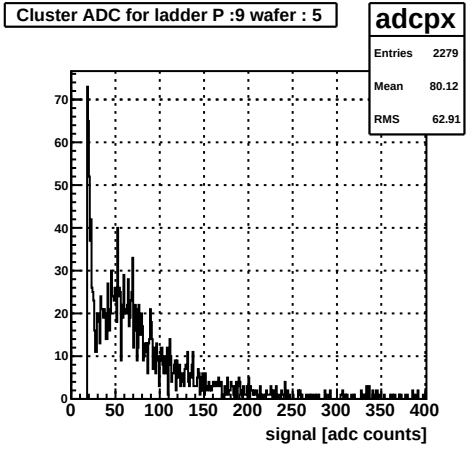

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 3704
Mean 71.3
RMS 62.13
signal [adc counts]

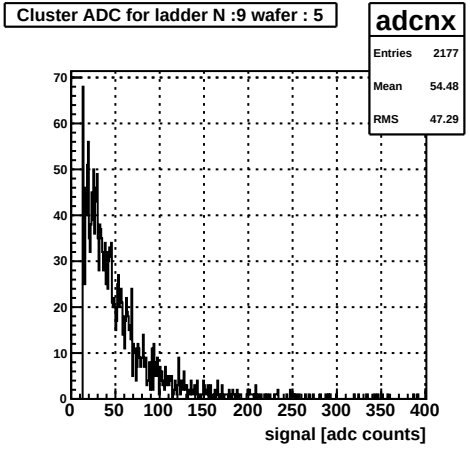

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 2759
Mean 54.79
RMS 45.05
signal [adc counts]

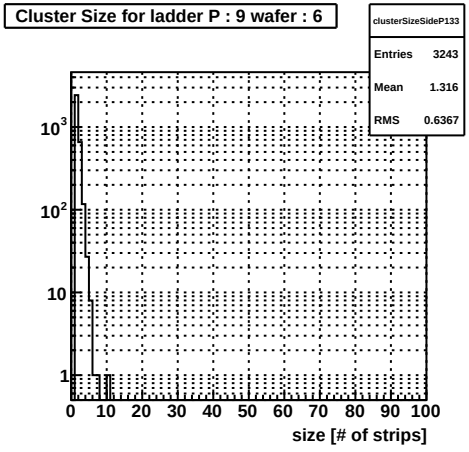

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 2279
Mean 1.386
RMS 0.7104
size [# of strips]

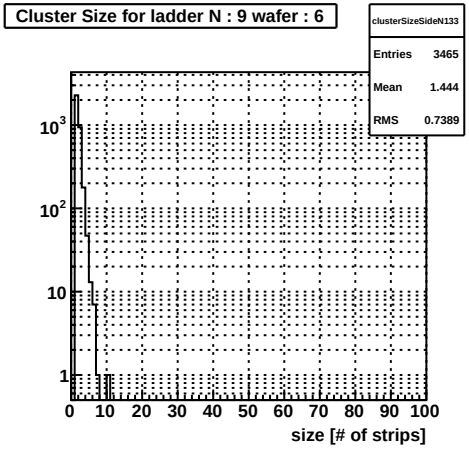

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 2177
Mean 1.459
RMS 0.7747
size [# of strips]

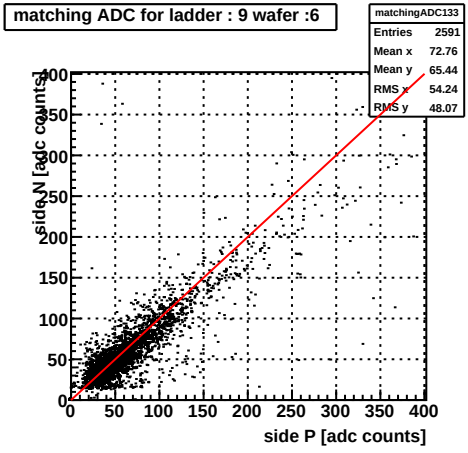

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1836
Mean x 64.21
Mean y 55.75
RMS x 50.82
RMS y 46.04
side N [adc counts]
side P [adc counts]

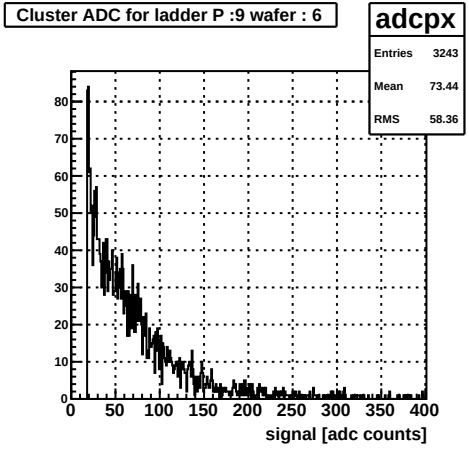

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 2279
Mean 80.12
RMS 62.91
signal [adc counts]

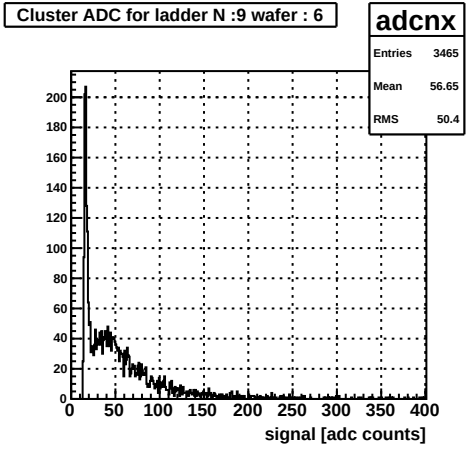

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 2177
Mean 54.48
RMS 47.29
signal [adc counts]

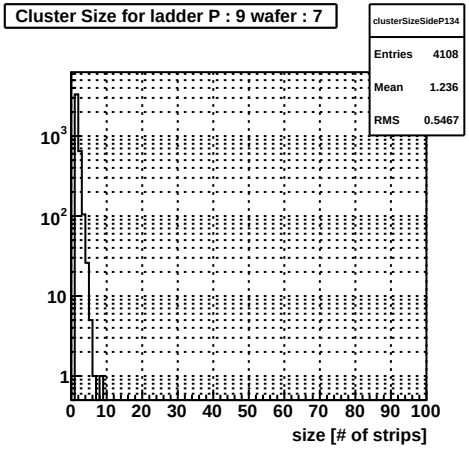

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 3243
Mean 1.316
RMS 0.6367
size [# of strips]

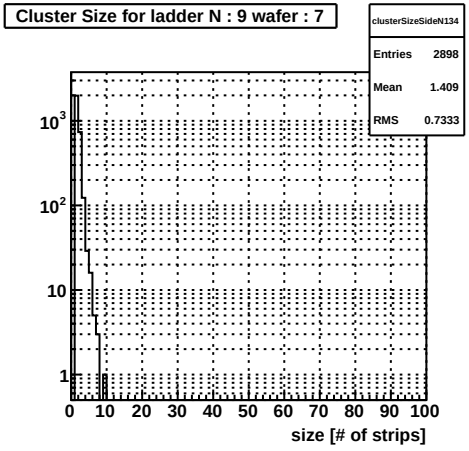

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 3465
Mean 1.444
RMS 0.7389
size [# of strips]

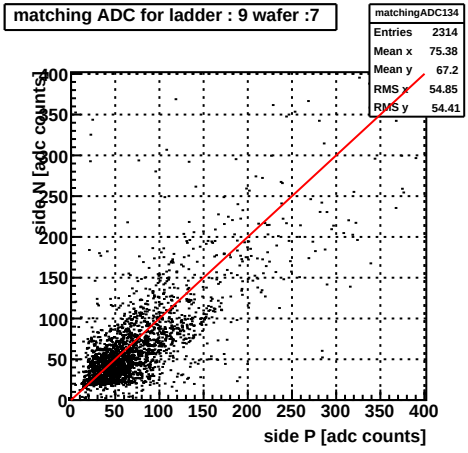

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 2591
Mean x 72.76
Mean y 65.44
RMS x 54.24
RMS y 48.07
side N [adc counts]
side P [adc counts]

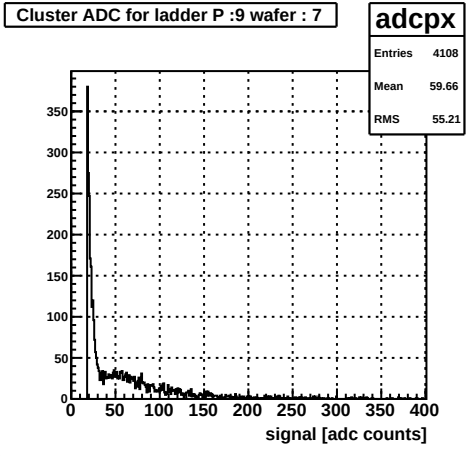

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 3243
Mean 73.44
RMS 58.36
signal [adc counts]

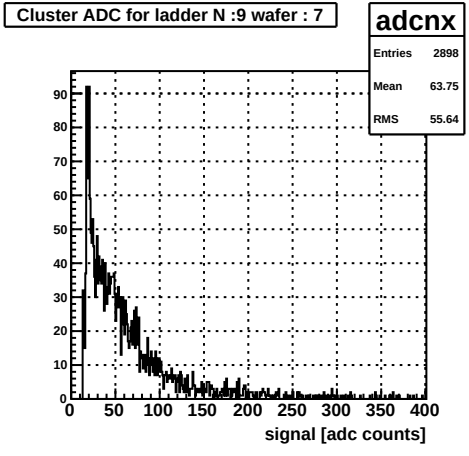

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 3465
Mean 56.65
RMS 50.4
signal [adc counts]

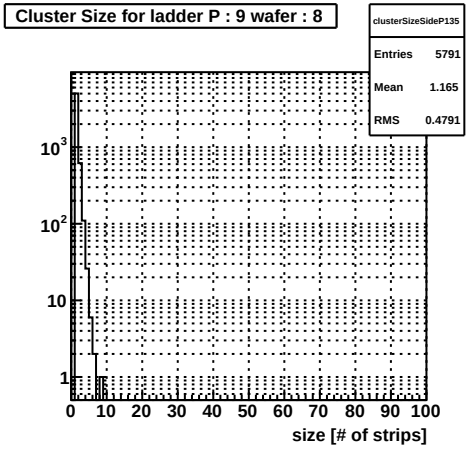

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 4108
Mean 1.236
RMS 0.5467
size [# of strips]

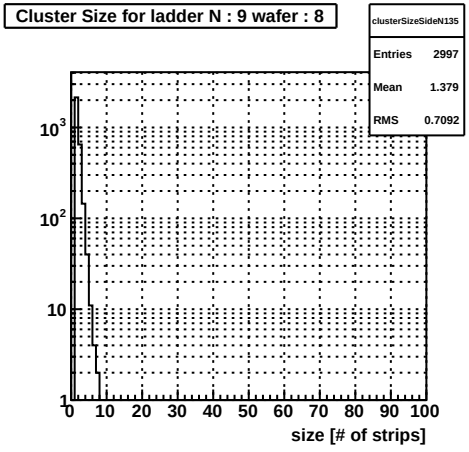

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 2898
Mean 1.409
RMS 0.7333
size [# of strips]

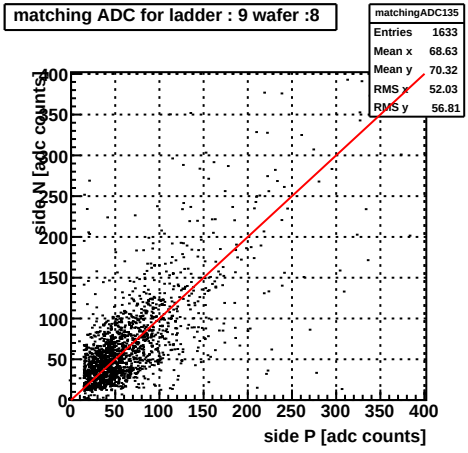

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 2314
Mean x 75.38
Mean y 67.2
RMS x 54.85
RMS y 54.41
side N [adc counts]
side P [adc counts]

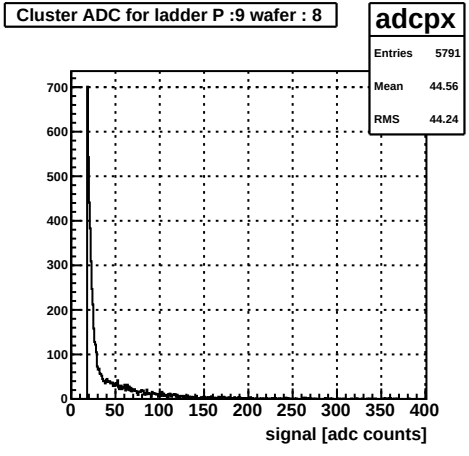

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 4108
Mean 59.66
RMS 55.21
signal [adc counts]

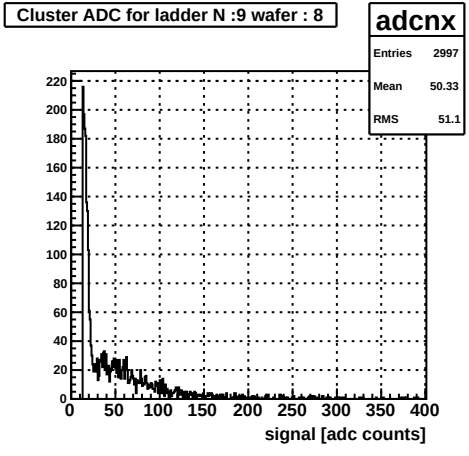

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 2898
Mean 63.75
RMS 55.64
signal [adc counts]

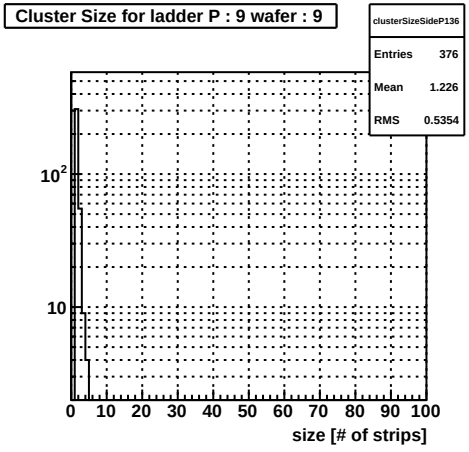

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 5791
Mean 1.165
RMS 0.4791
size [# of strips]

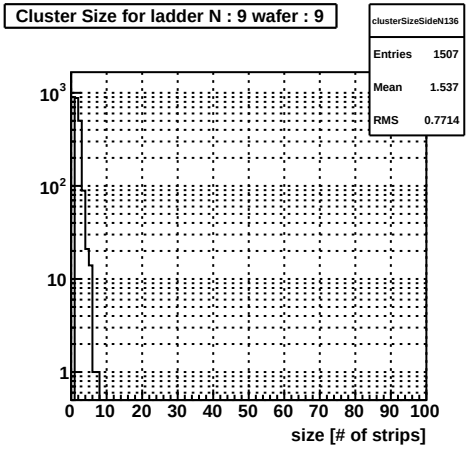

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 2997
Mean 1.379
RMS 0.7092
size [# of strips]

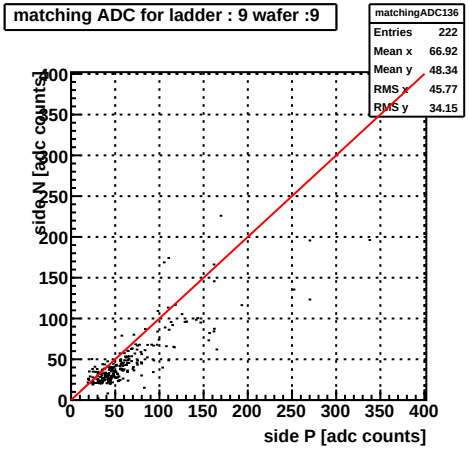

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1633
Mean x 68.63
Mean y 70.32
RMS x 52.03
RMS y 56.81
side N [adc counts]
side P [adc counts]

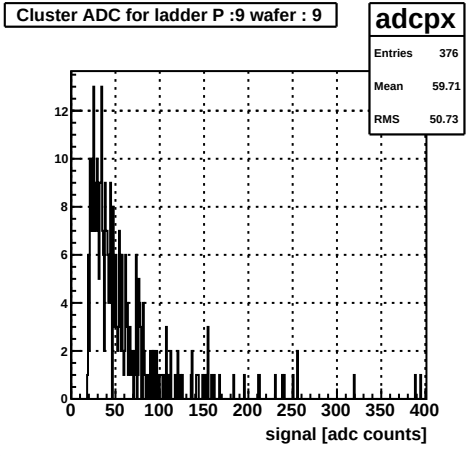

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 5791
Mean 44.56
RMS 44.24
signal [adc counts]

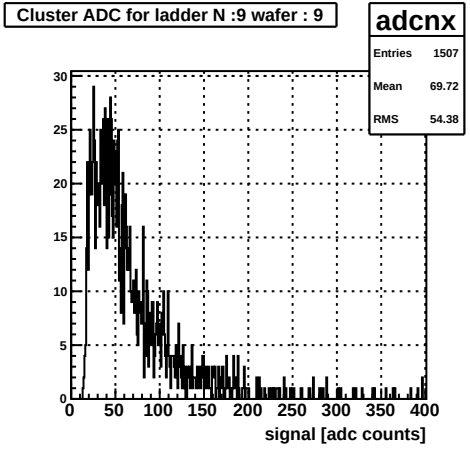

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 2997
Mean 50.33
RMS 51.1
signal [adc counts]

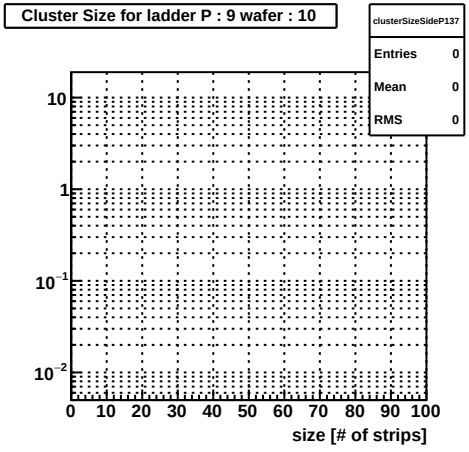

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 376
Mean 1.226
RMS 0.5354
size [# of strips]

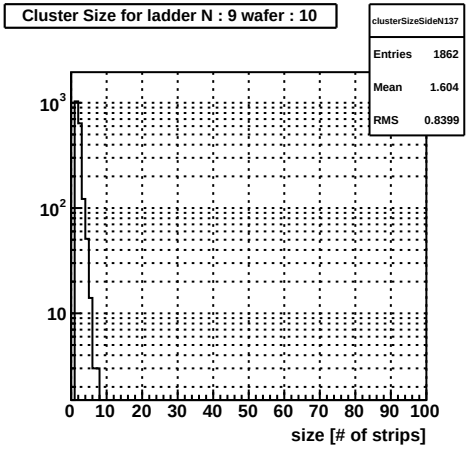

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1507
Mean 1.537
RMS 0.7714
size [# of strips]

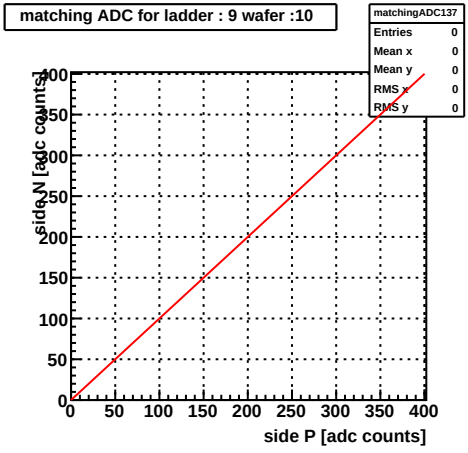

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 222
Mean x 66.92
Mean y 48.34
RMS x 45.77
RMS y 34.15
side N [adc counts]
side P [adc counts]

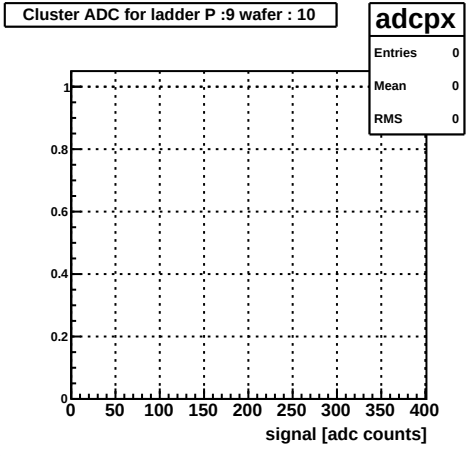

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 376
Mean 59.71
RMS 50.73
signal [adc counts]

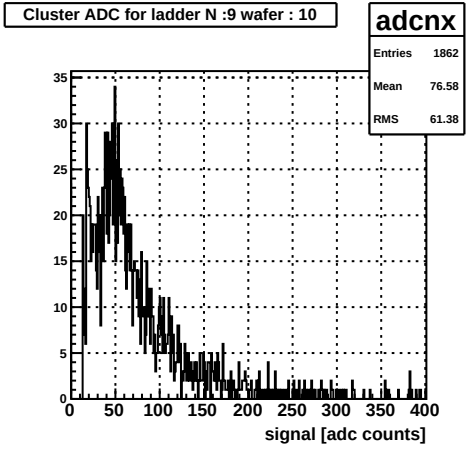

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1507
Mean 69.72
RMS 54.38
signal [adc counts]

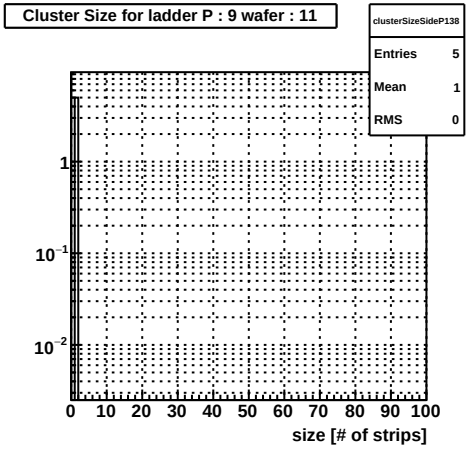

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

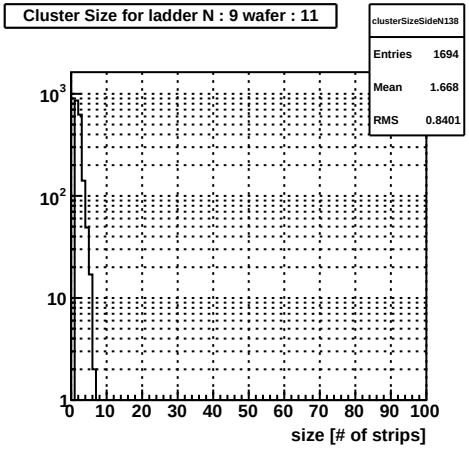

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1862
Mean 1.604
RMS 0.8399
size [# of strips]

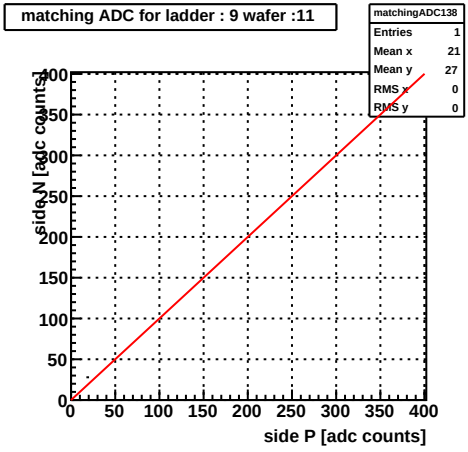

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

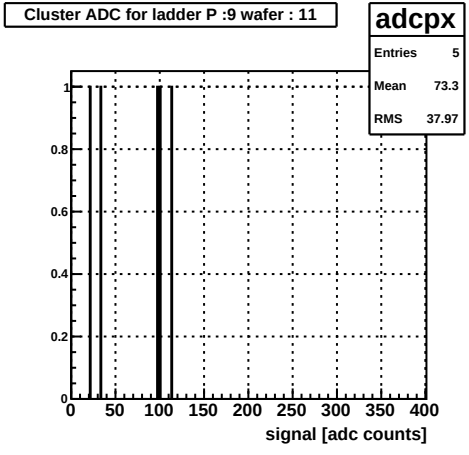

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

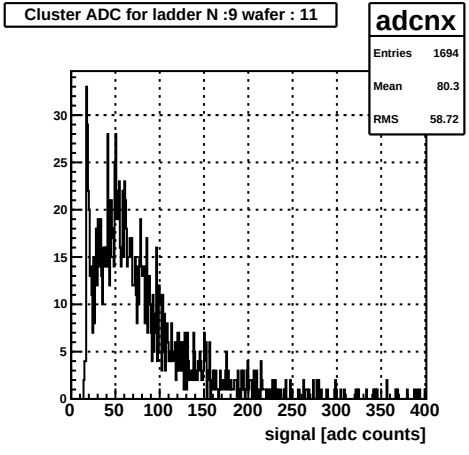

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1862
Mean 76.58
RMS 61.38
signal [adc counts]

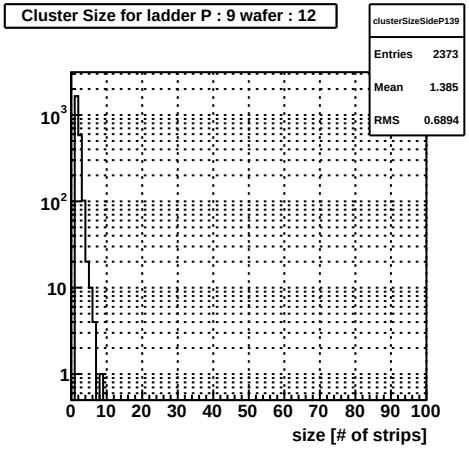

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 5
Mean 1
RMS 0
size [# of strips]

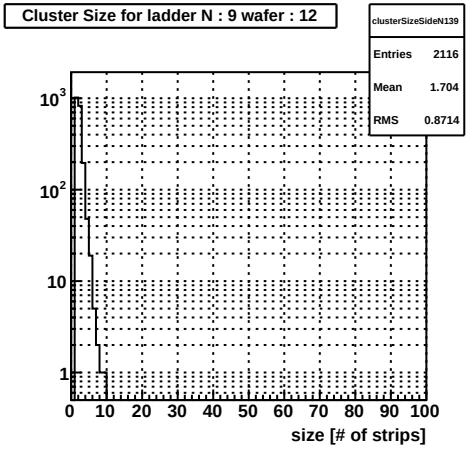

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1694
Mean 1.668
RMS 0.8401
size [# of strips]

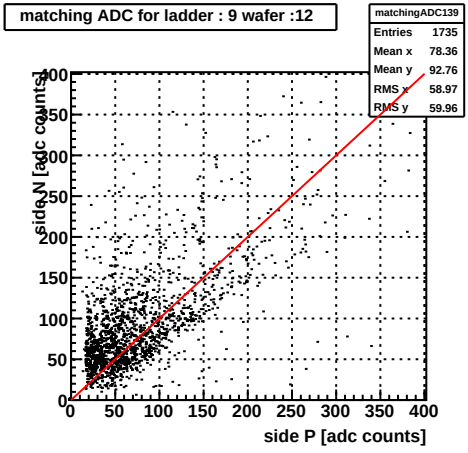

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 1
Mean x 21
Mean y 27
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

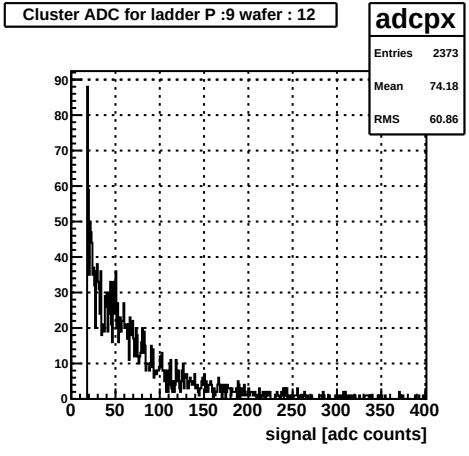

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 5
Mean 73.3
RMS 37.97
signal [adc counts]

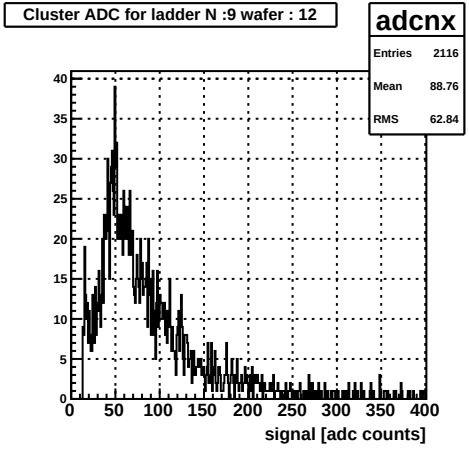

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1694
Mean 80.3
RMS 58.72
signal [adc counts]

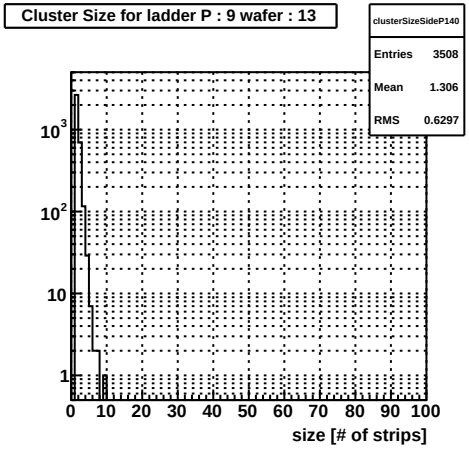

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 2373
Mean 1.385
RMS 0.6894
size [# of strips]

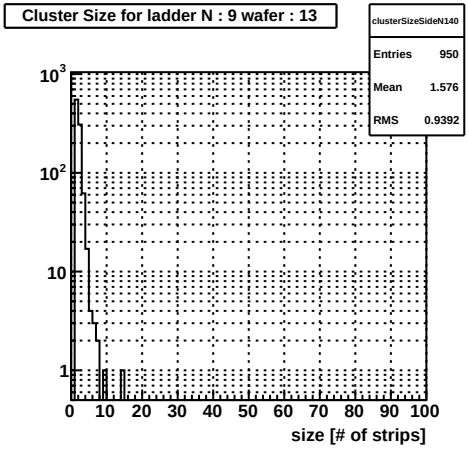

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 2116
Mean 1.704
RMS 0.8714
size [# of strips]

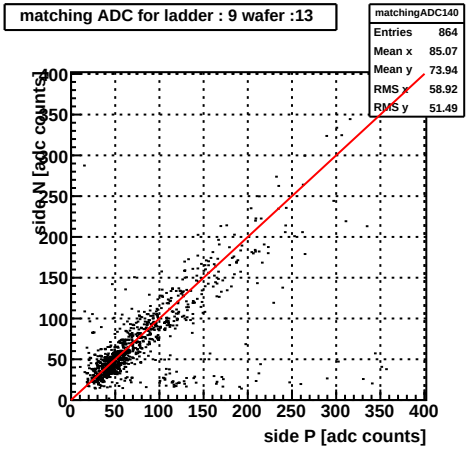

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1735
Mean x 78.36
Mean y 92.76
RMS x 58.97
RMS y 59.96
side N [adc counts]
side P [adc counts]

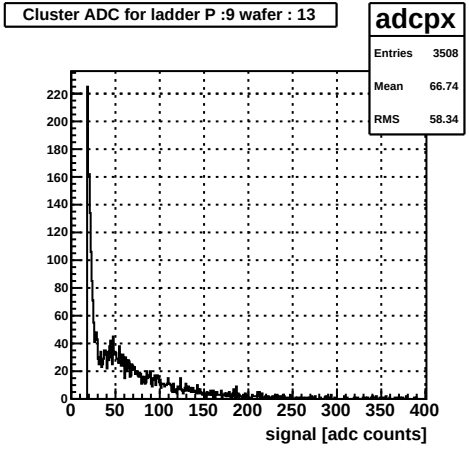

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 2373
Mean 74.18
RMS 60.86
signal [adc counts]

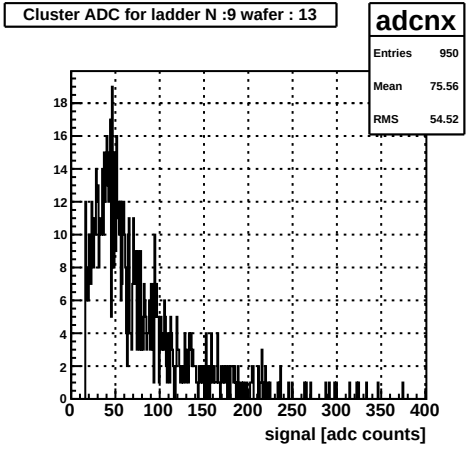

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 2116
Mean 88.76
RMS 62.84
signal [adc counts]

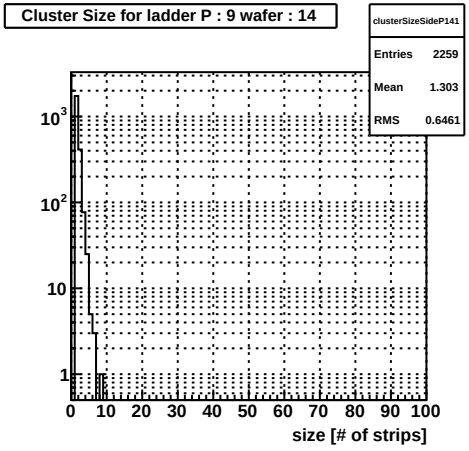

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 3508
Mean 1.306
RMS 0.6297
size [# of strips]

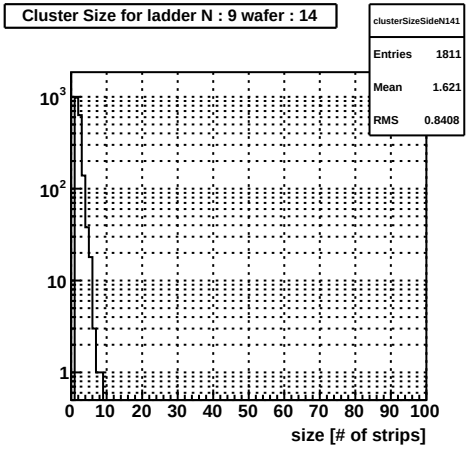

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 950
Mean 1.576
RMS 0.9392
size [# of strips]

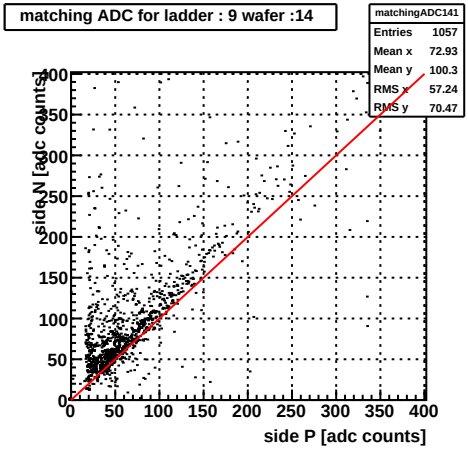

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 864
Mean x 85.07
Mean y 73.94
RMS x 58.92
RMS y 51.49
side N [adc counts]
side P [adc counts]

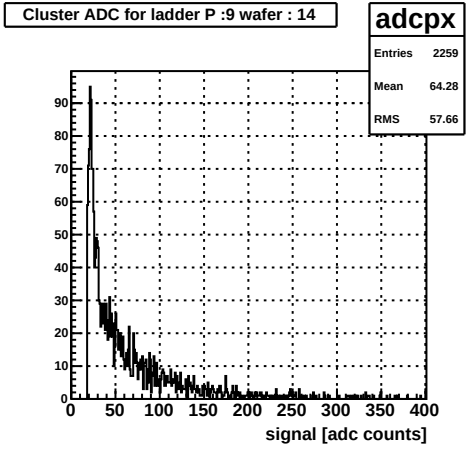

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 3508
Mean 66.74
RMS 58.34
signal [adc counts]

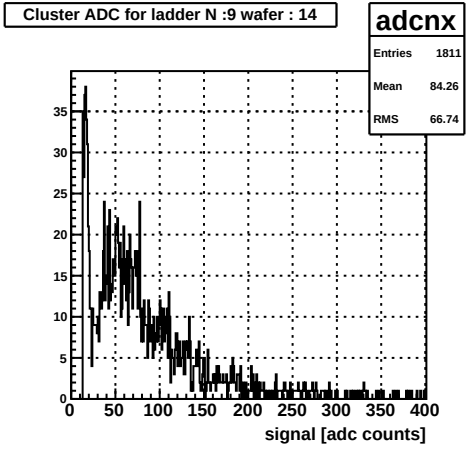

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 950
Mean 75.56
RMS 54.52
signal [adc counts]

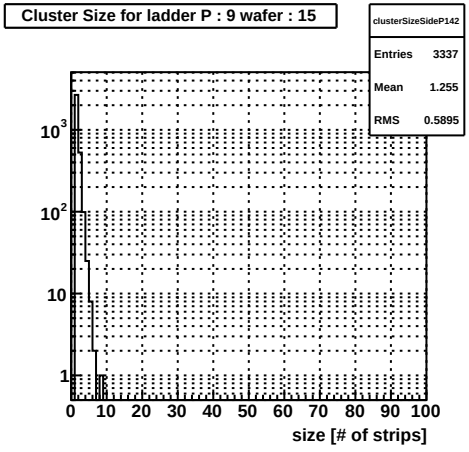

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 2259
Mean 1.303
RMS 0.6461
size [# of strips]

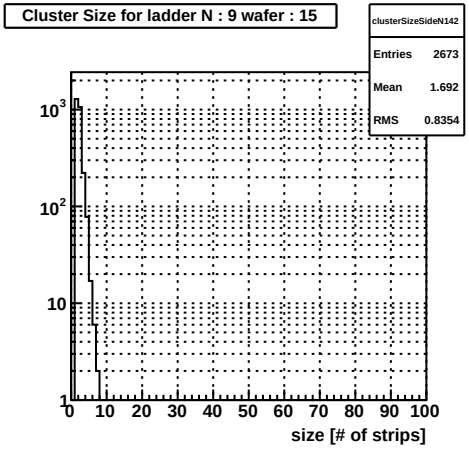

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 1811
Mean 1.621
RMS 0.8408
size [# of strips]

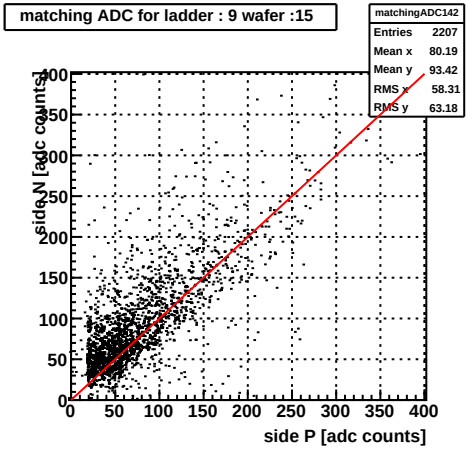

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 1057
Mean x 72.93
Mean y 100.3
RMS x 57.24
RMS y 70.47
side N [adc counts]
side P [adc counts]

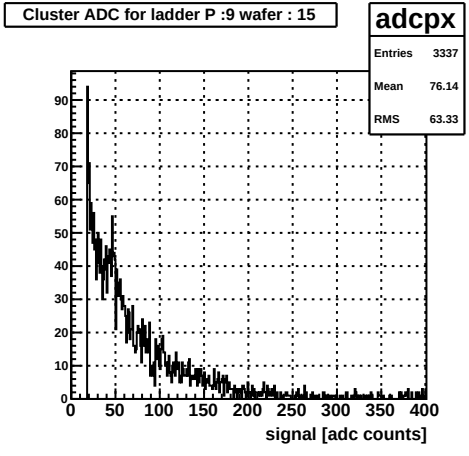

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 2259
Mean 64.28
RMS 57.66
signal [adc counts]

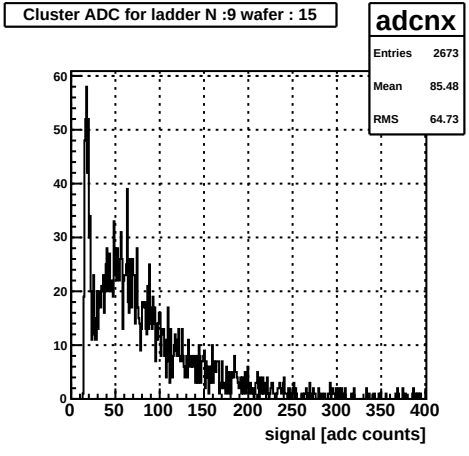

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 1811
Mean 84.26
RMS 66.74
signal [adc counts]

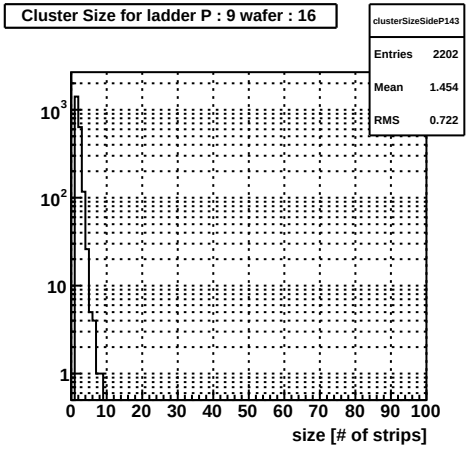

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 3337
Mean 1.255
RMS 0.5895
size [# of strips]

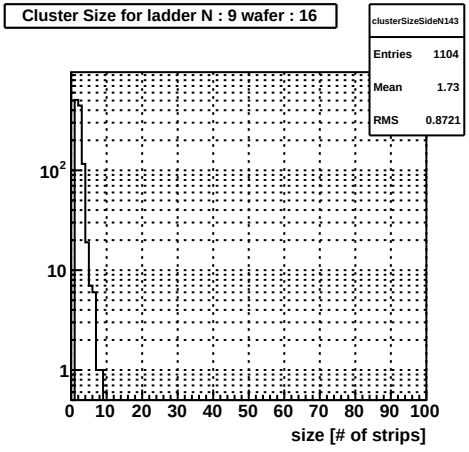

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 2673
Mean 1.692
RMS 0.8354
size [# of strips]

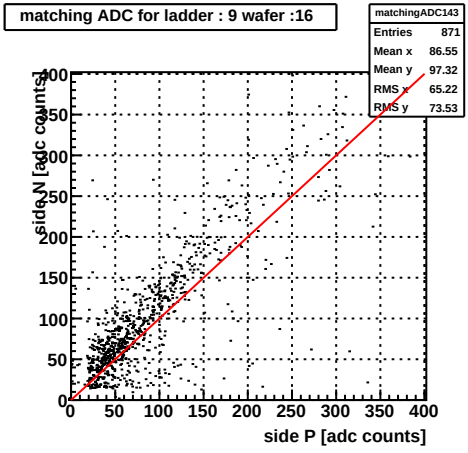

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 2207
Mean x 80.19
Mean y 93.42
RMS x 58.31
RMS y 63.18
side N [adc counts]
side P [adc counts]

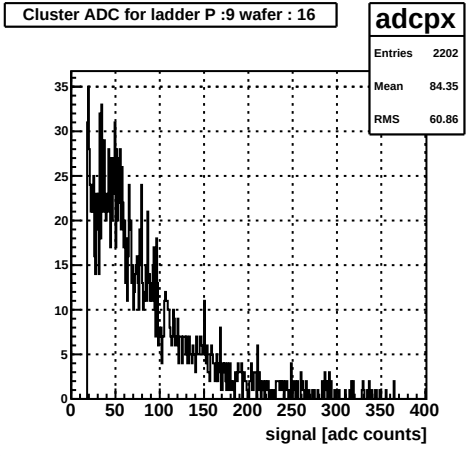

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 3337
Mean 76.14
RMS 63.33
signal [adc counts]

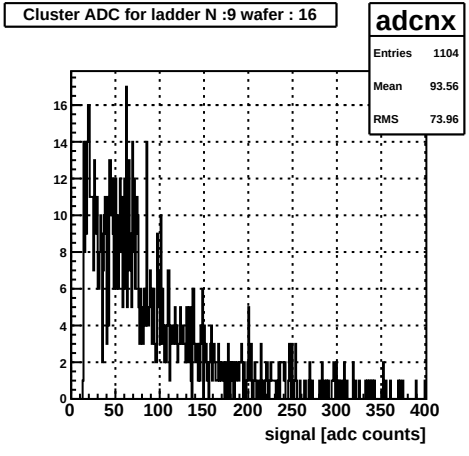

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 2673
Mean 85.48
RMS 64.73
signal [adc counts]

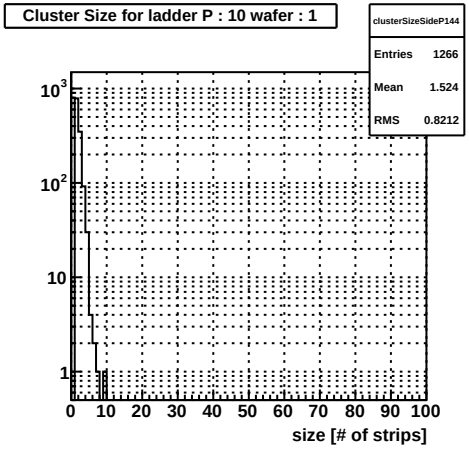

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 2202
Mean 1.454
RMS 0.722
size [# of strips]

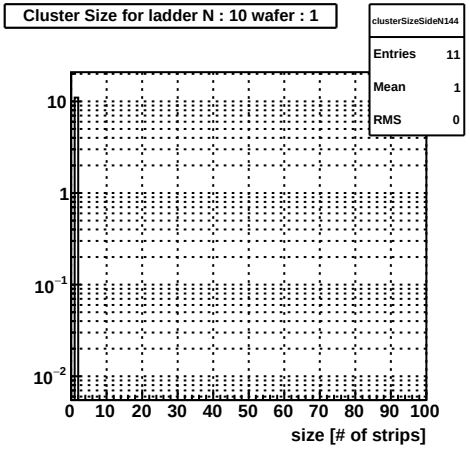

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 1104
Mean 1.73
RMS 0.8721
size [# of strips]

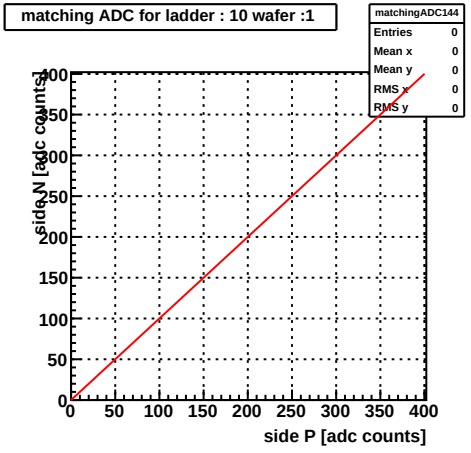

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 871
Mean x 86.55
Mean y 97.32
RMS x 65.22
RMS y 73.53
side N [adc counts]
side P [adc counts]

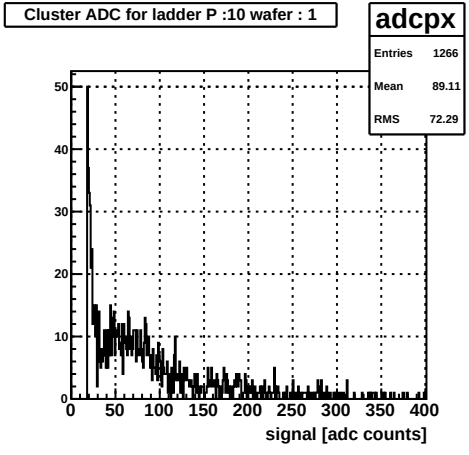

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 2202
Mean 84.35
RMS 60.86
signal [adc counts]

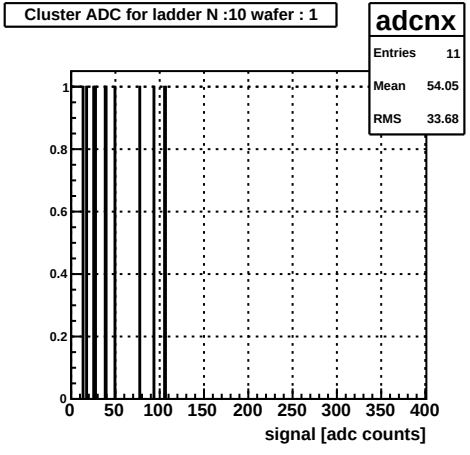

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 1104
Mean 93.56
RMS 73.96
signal [adc counts]

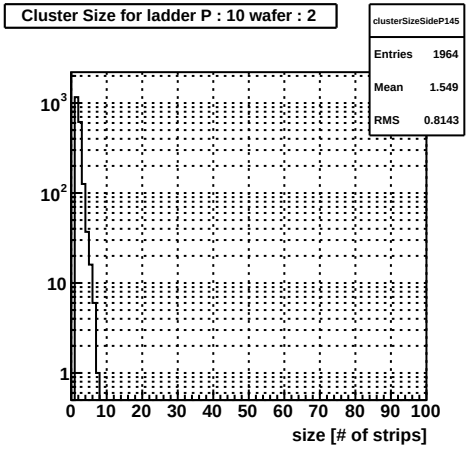

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1266
Mean 1.524
RMS 0.8212
size [# of strips]

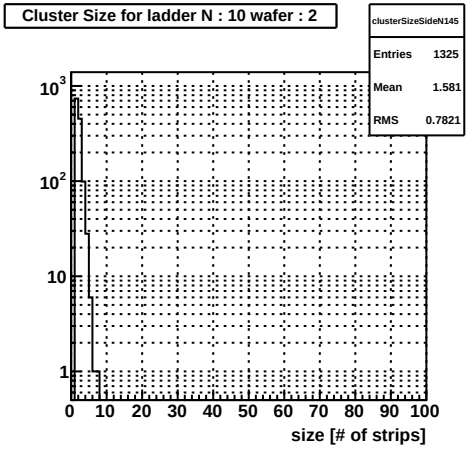

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 11
Mean 1
RMS 0
size [# of strips]

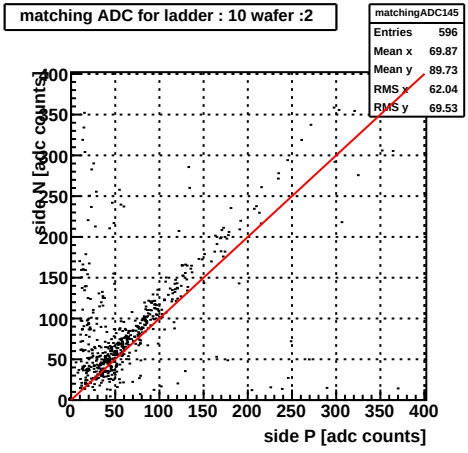

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

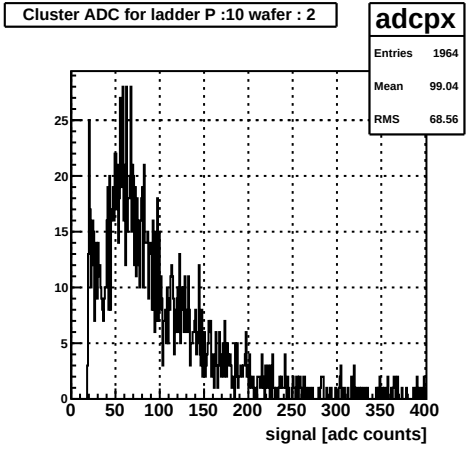

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1266
Mean 89.11
RMS 72.29
signal [adc counts]

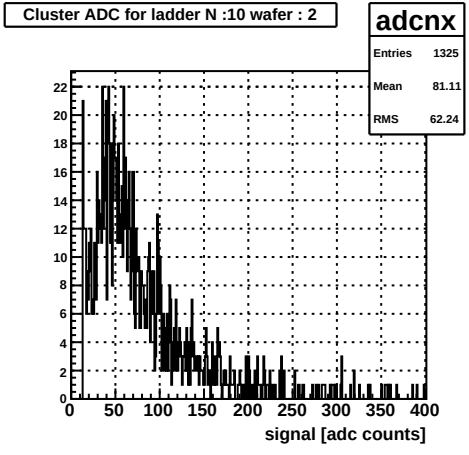

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 11
Mean 54.05
RMS 33.68
signal [adc counts]

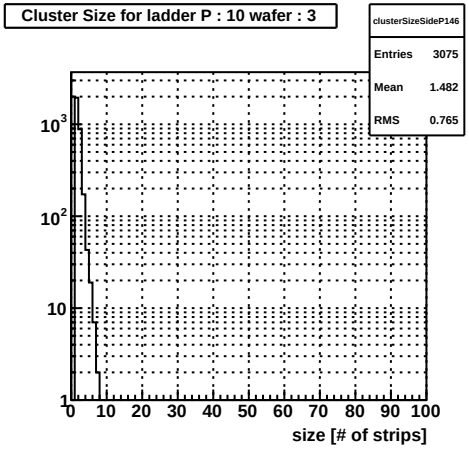

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1964
Mean 1.549
RMS 0.8143
size [# of strips]

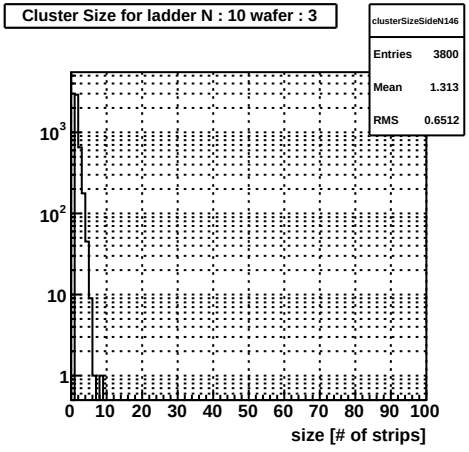

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 1325
Mean 1.581
RMS 0.7821
size [# of strips]

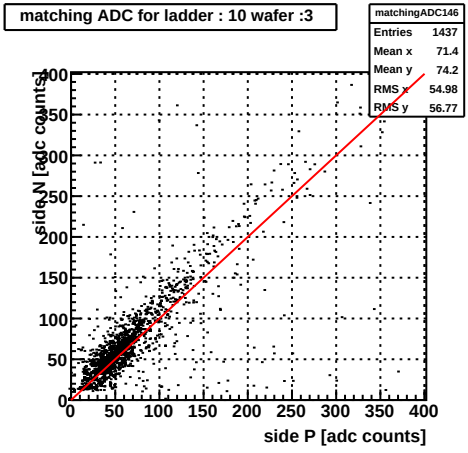

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 596
Mean x 69.87
Mean y 89.73
RMS x 62.04
RMS y 69.53
side N [adc counts]
side P [adc counts]

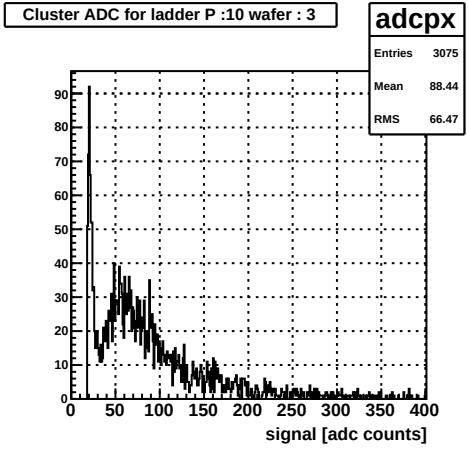

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1964
Mean 99.04
RMS 68.56
signal [adc counts]

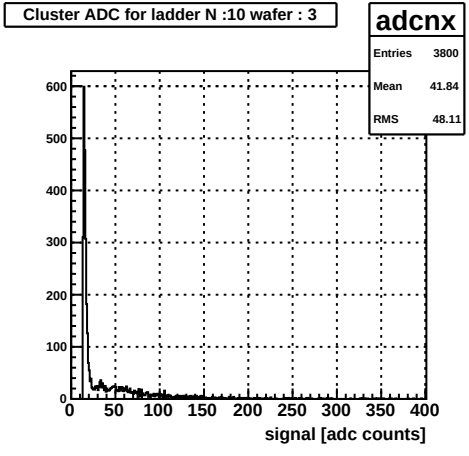

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 1325
Mean 81.11
RMS 62.24
signal [adc counts]

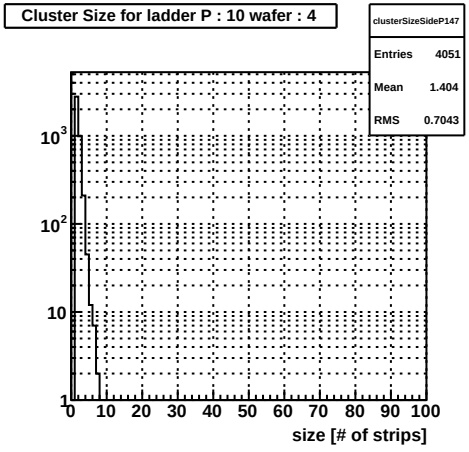

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 3075
Mean 1.482
RMS 0.765
size [# of strips]

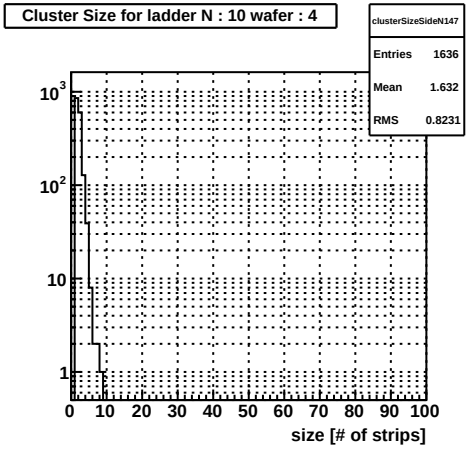

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 3800
Mean 1.313
RMS 0.6512
size [# of strips]

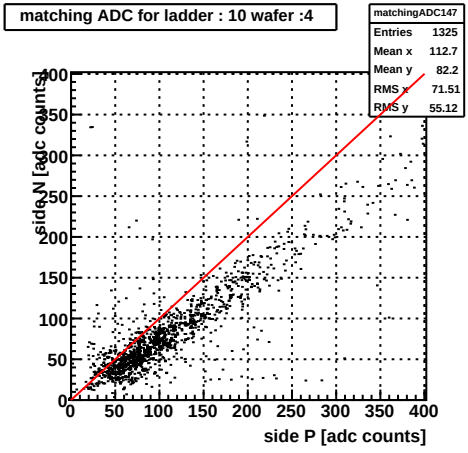

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 1437
Mean x 71.4
Mean y 74.2
RMS x 54.98
RMS y 56.77
side N [adc counts]
side P [adc counts]

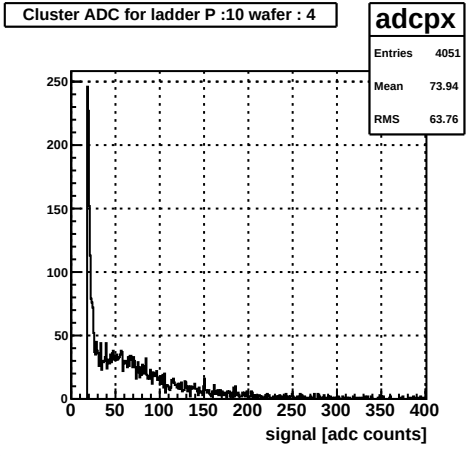

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 3075
Mean 88.44
RMS 66.47
signal [adc counts]

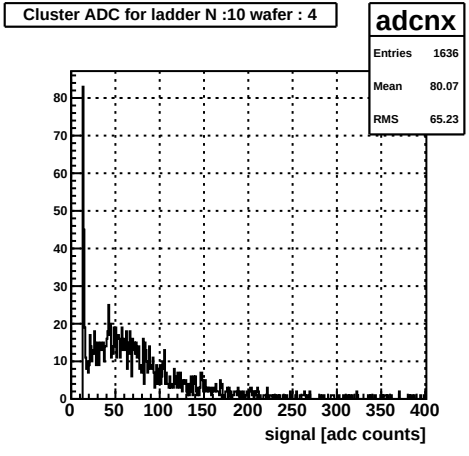

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 3800
Mean 41.84
RMS 48.11
signal [adc counts]

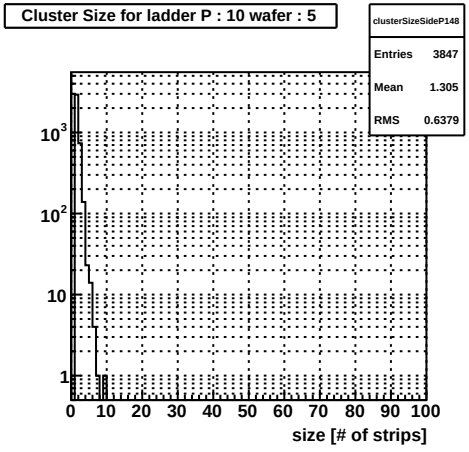

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 4051
Mean 1.404
RMS 0.7043
size [# of strips]

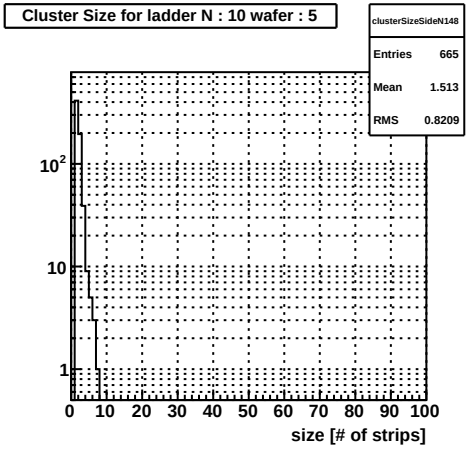

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1636
Mean 1.632
RMS 0.8231
size [# of strips]

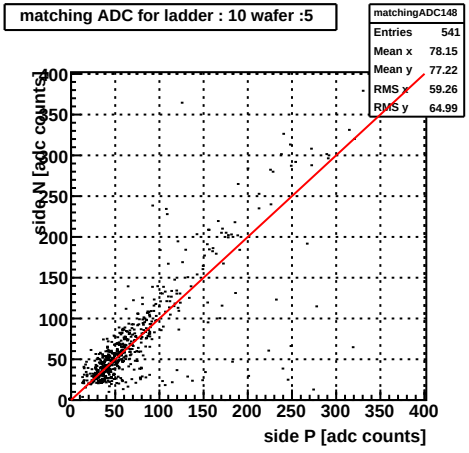

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 1325
Mean x 112.7
Mean y 82.2
RMS x 71.51
RMS y 55.12
side N [adc counts]
side P [adc counts]

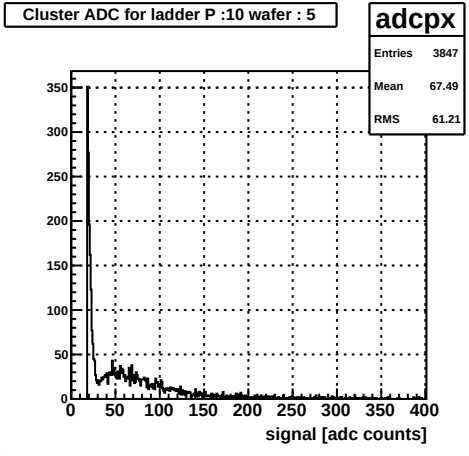

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 4051
Mean 73.94
RMS 63.76
signal [adc counts]

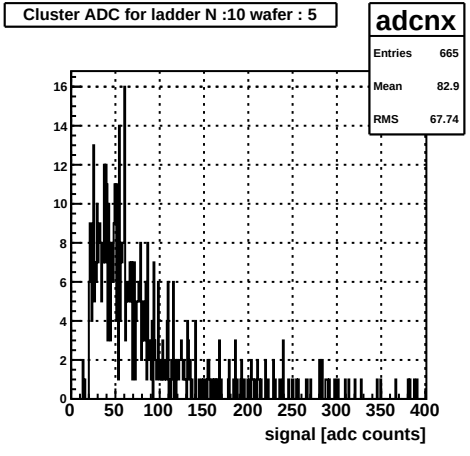

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1636
Mean 80.07
RMS 65.23
signal [adc counts]

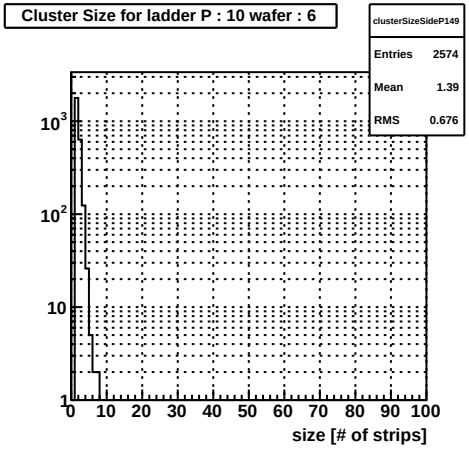

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 3847
Mean 1.305
RMS 0.6379
size [# of strips]

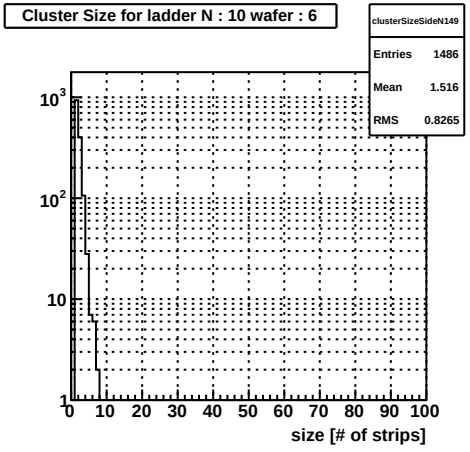

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 665
Mean 1.513
RMS 0.8209
size [# of strips]

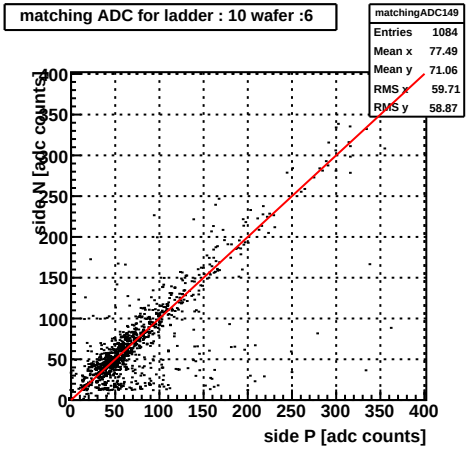

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 541
Mean x 78.15
Mean y 77.22
RMS x 59.26
RMS y 64.99
side N [adc counts]
side P [adc counts]

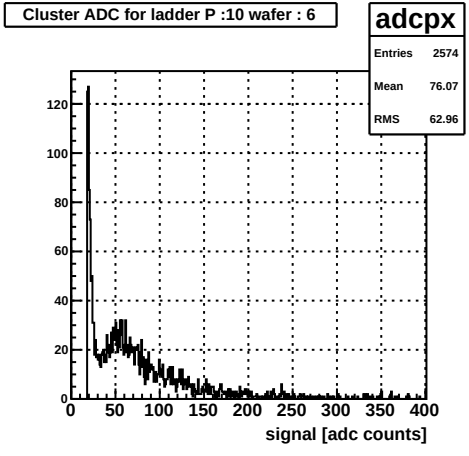

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 3847
Mean 67.49
RMS 61.21
signal [adc counts]

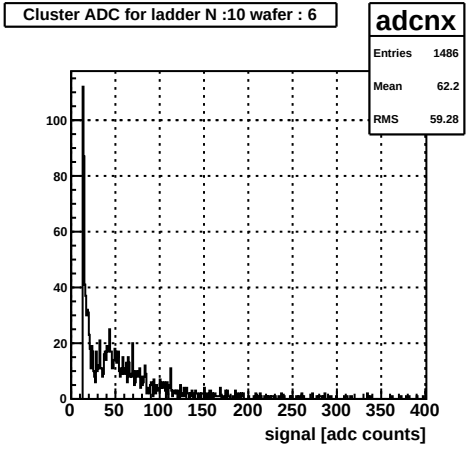

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 665
Mean 82.9
RMS 67.74
signal [adc counts]

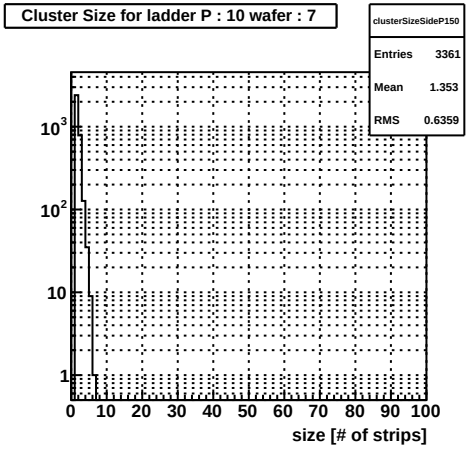

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 2574
Mean 1.39
RMS 0.676
size [# of strips]

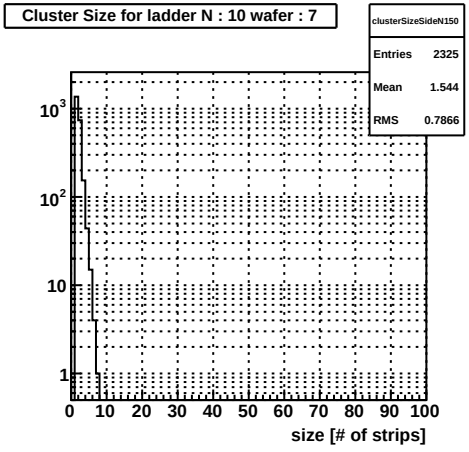

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 1486
Mean 1.516
RMS 0.8265
size [# of strips]

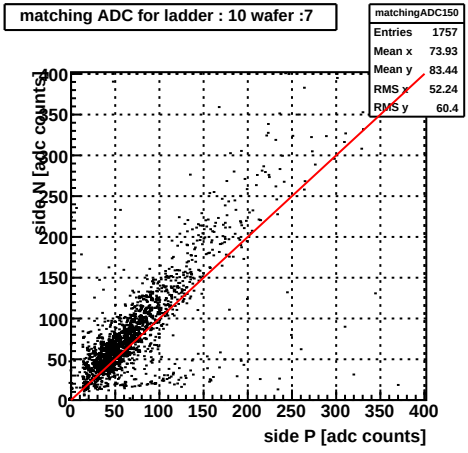

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1084
Mean x 77.49
Mean y 71.06
RMS x 59.71
RMS y 58.87
side N [adc counts]
side P [adc counts]

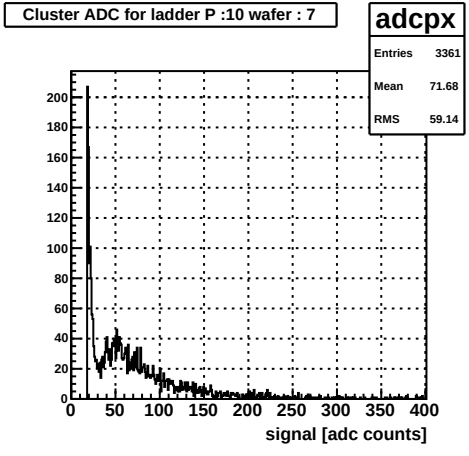

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 2574
Mean 76.07
RMS 62.96
signal [adc counts]

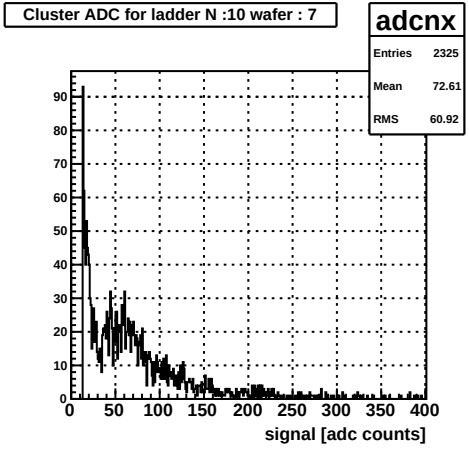

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 1486
Mean 62.2
RMS 59.28
signal [adc counts]

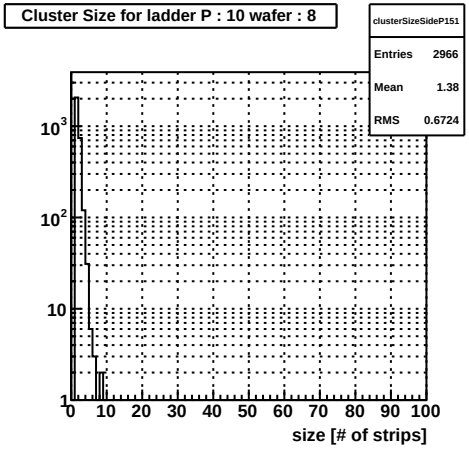

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 3361
Mean 1.353
RMS 0.6359
size [# of strips]

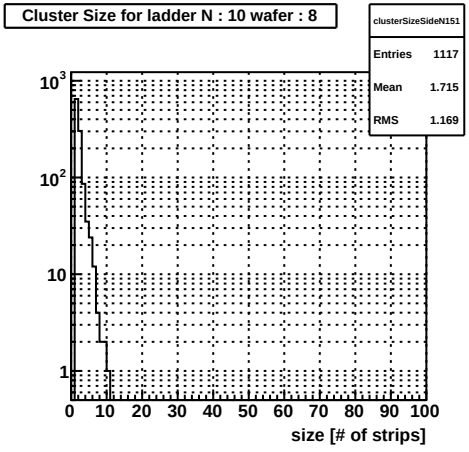

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 2325
Mean 1.544
RMS 0.7866
size [# of strips]

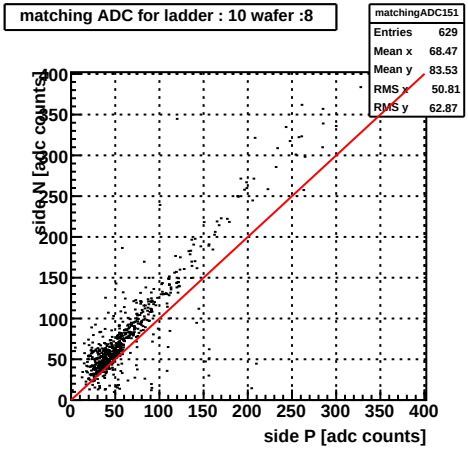

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1757
Mean x 73.93
Mean y 83.44
RMS x 52.24
RMS y 60.4
side N [adc counts]
side P [adc counts]

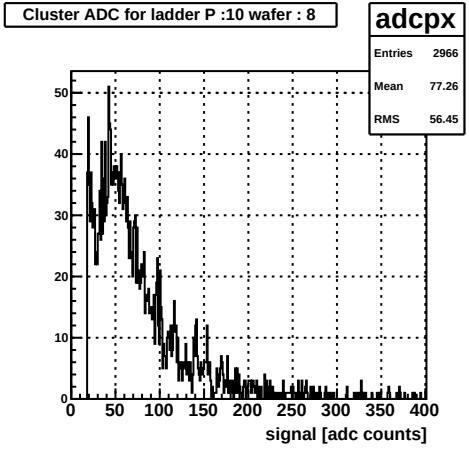

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 3361
Mean 71.68
RMS 59.14
signal [adc counts]

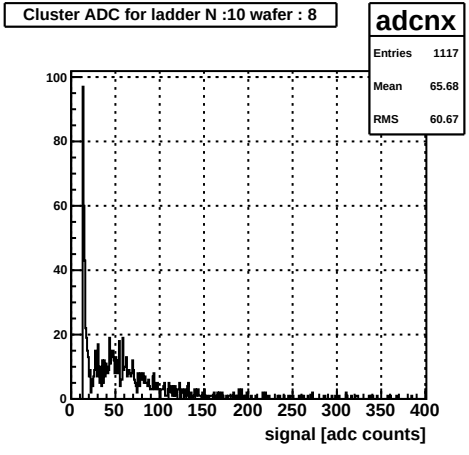

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 2325
Mean 72.61
RMS 60.92
signal [adc counts]

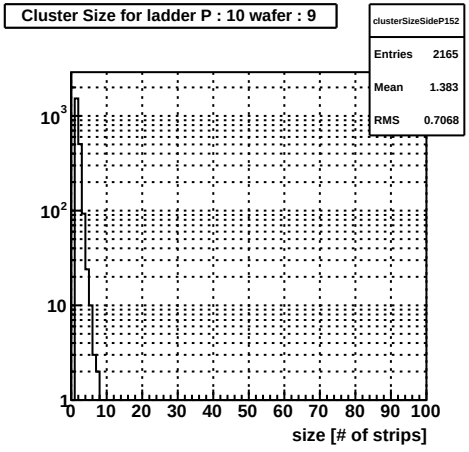

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2966
Mean 1.38
RMS 0.6724
size [# of strips]

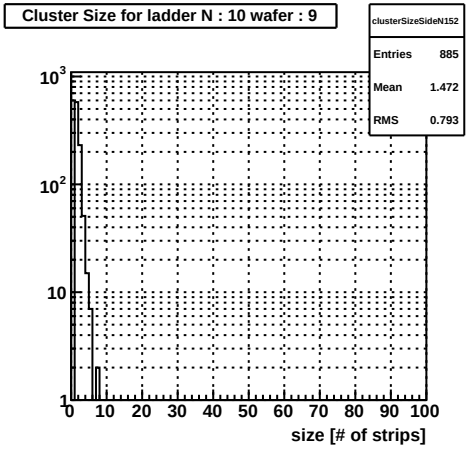

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 1117
Mean 1.715
RMS 1.169
size [# of strips]

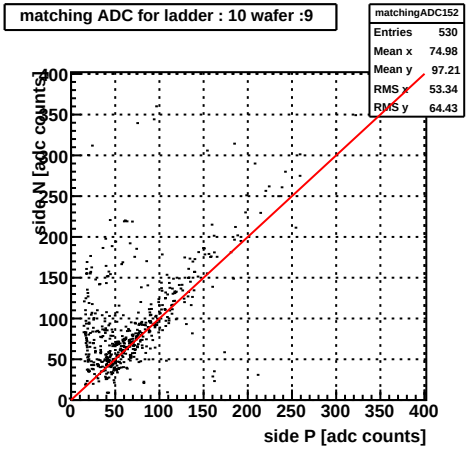

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 629
Mean x 68.47
Mean y 83.53
RMS x 50.81
RMS y 62.87
side N [adc counts]
side P [adc counts]

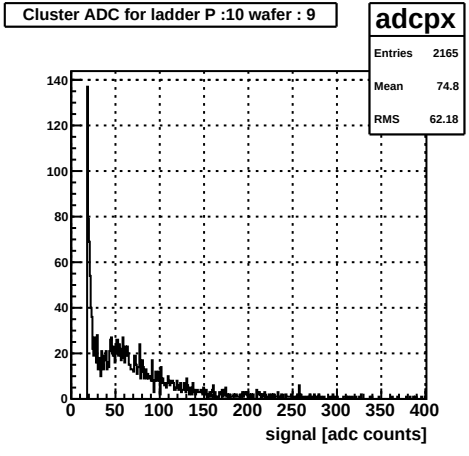

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2966
Mean 77.26
RMS 56.45
signal [adc counts]

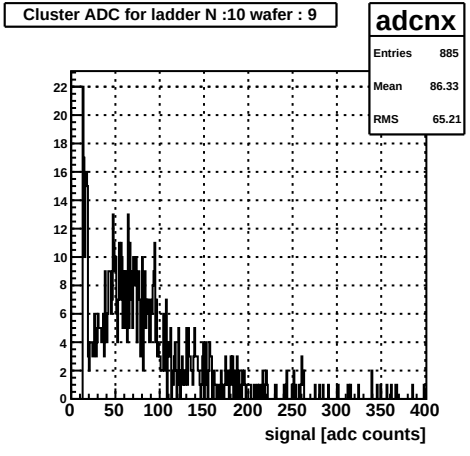

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 1117
Mean 65.68
RMS 60.67
signal [adc counts]

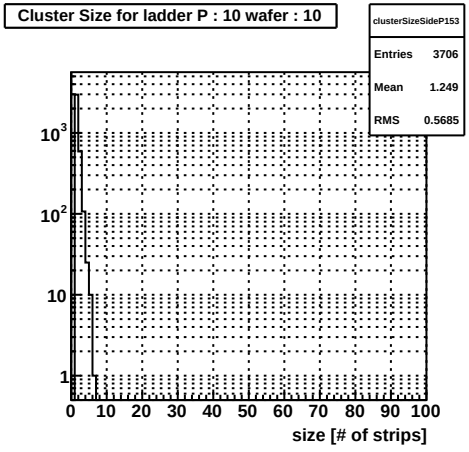

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 2165
Mean 1.383
RMS 0.7068
size [# of strips]

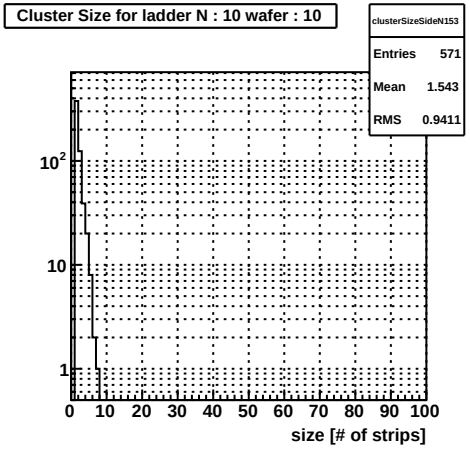

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 885
Mean 1.472
RMS 0.793
size [# of strips]

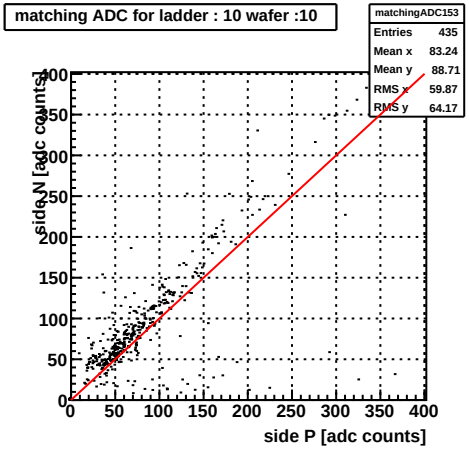

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 530
Mean x 74.98
Mean y 97.21
RMS x 53.34
RMS y 64.43
side N [adc counts]
side P [adc counts]

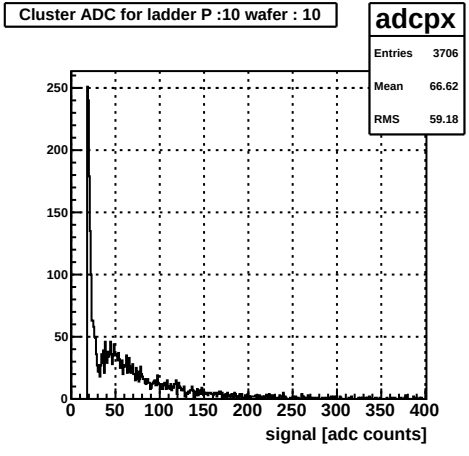

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 2165
Mean 74.8
RMS 62.18
signal [adc counts]

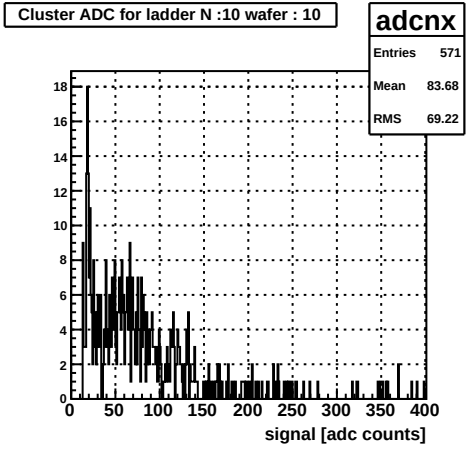

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 885
Mean 86.33
RMS 65.21
signal [adc counts]

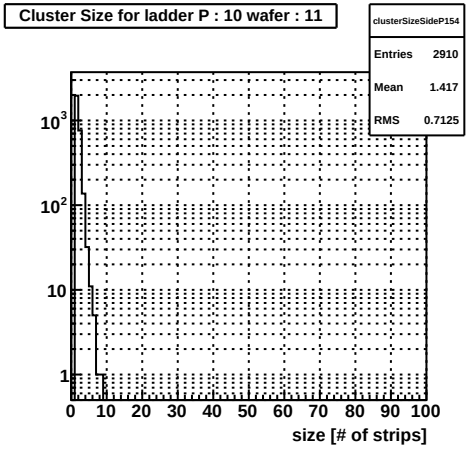

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 3706
Mean 1.249
RMS 0.5685
size [# of strips]

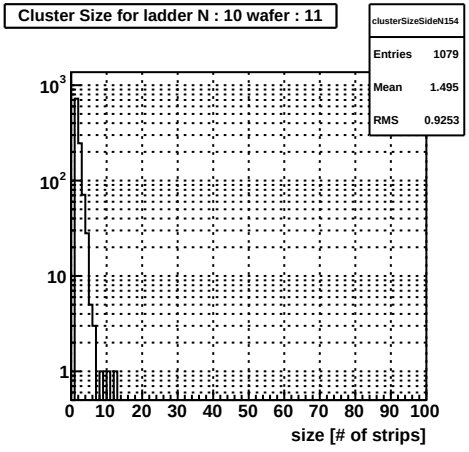

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 571
Mean 1.543
RMS 0.9411
size [# of strips]

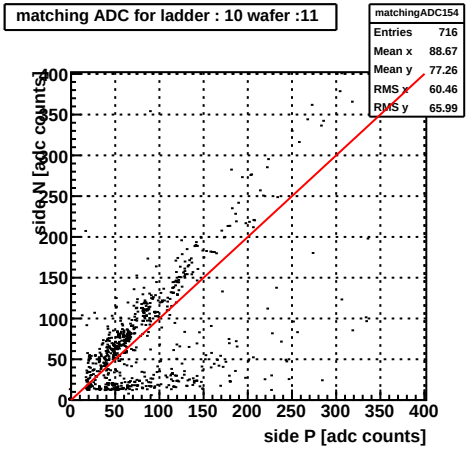

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 435
Mean x 83.24
Mean y 88.71
RMS x 59.87
RMS y 64.17
side N [adc counts]
side P [adc counts]

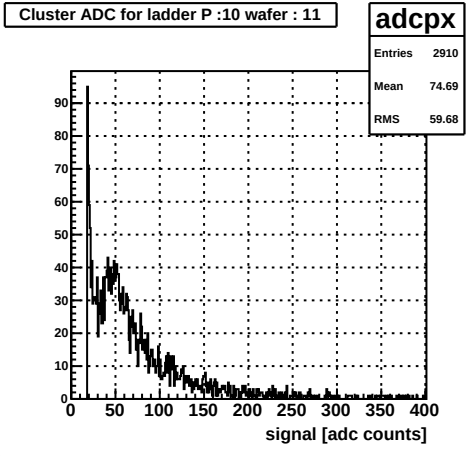

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 3706
Mean 66.62
RMS 59.18
signal [adc counts]

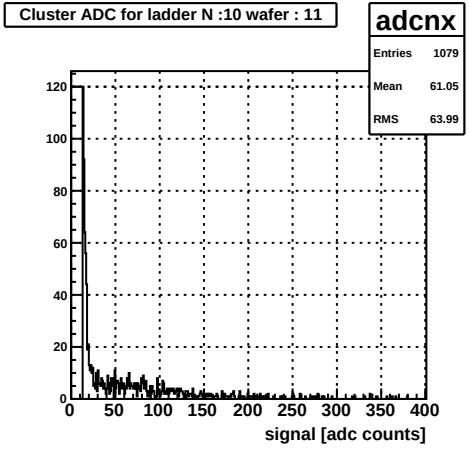

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 571
Mean 83.68
RMS 69.22
signal [adc counts]

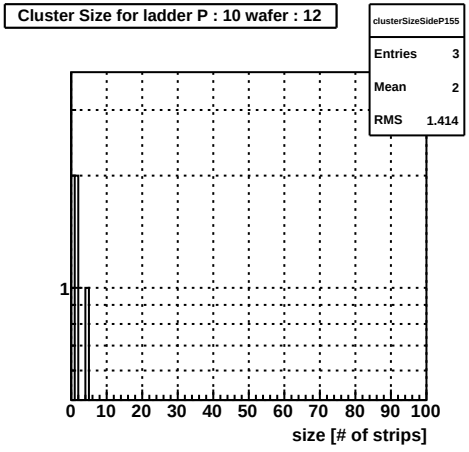

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 2910
Mean 1.417
RMS 0.7125
size [# of strips]

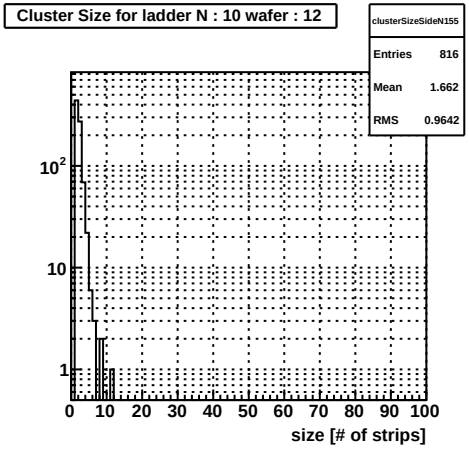

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 1079
Mean 1.495
RMS 0.9253
size [# of strips]

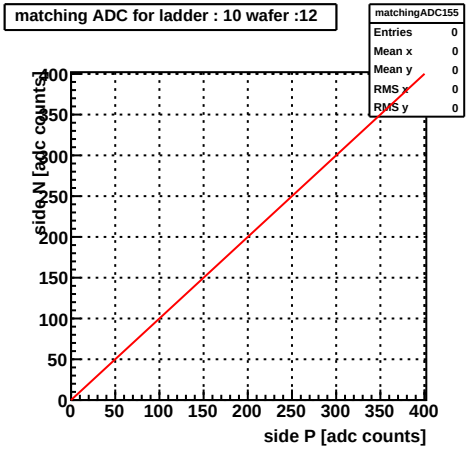

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 716
Mean x 88.67
Mean y 77.26
RMS x 60.46
RMS y 65.99
side N [adc counts]
side P [adc counts]

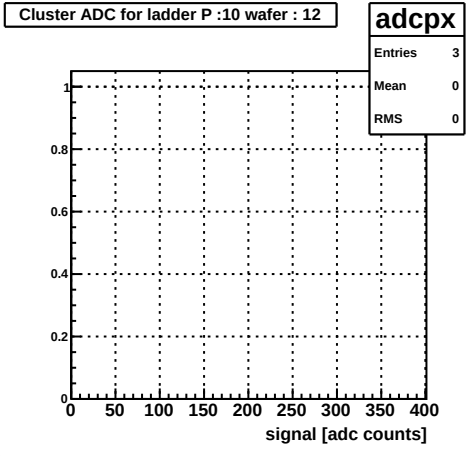

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 2910
Mean 74.69
RMS 59.68
signal [adc counts]

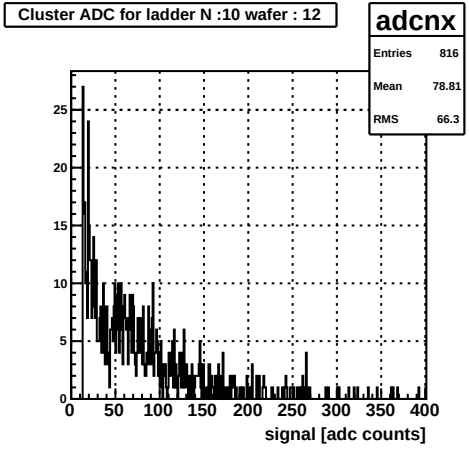

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 1079
Mean 61.05
RMS 63.99
signal [adc counts]

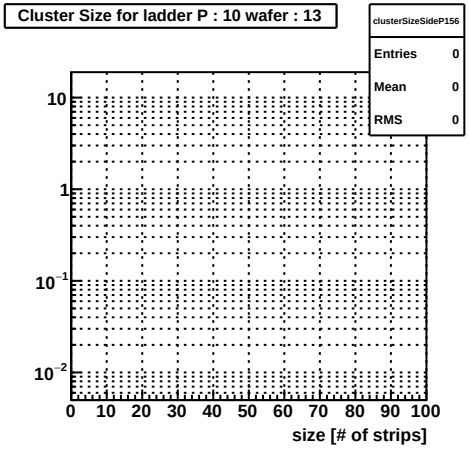

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 3
Mean 2
RMS 1.414
size [# of strips]

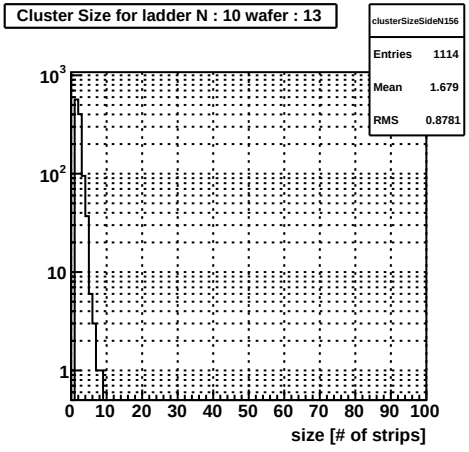

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 816
Mean 1.662
RMS 0.9642
size [# of strips]

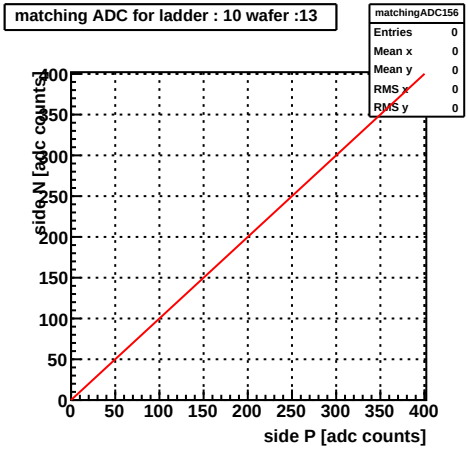

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

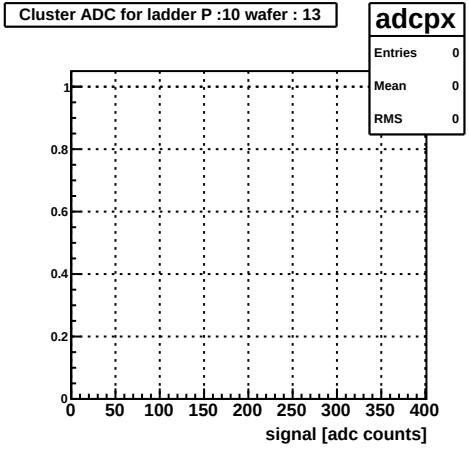

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

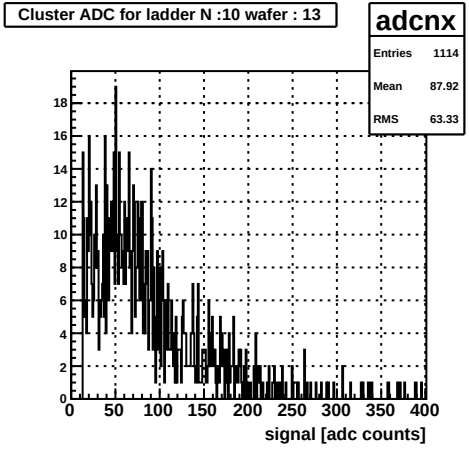

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 816
Mean 78.81
RMS 66.3
signal [adc counts]

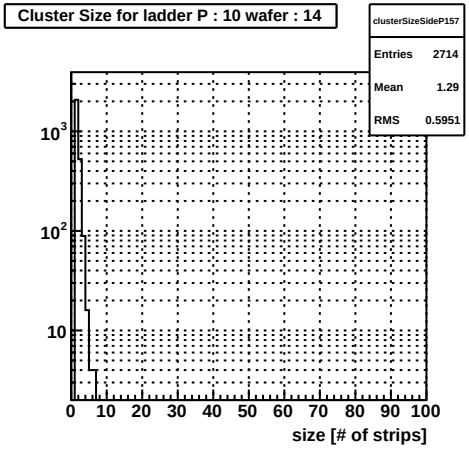

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

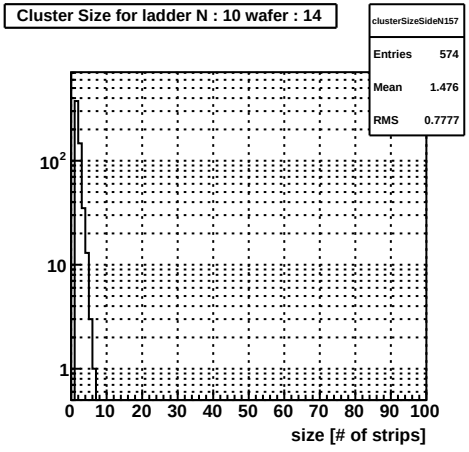

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 1114
Mean 1.679
RMS 0.8781
size [# of strips]

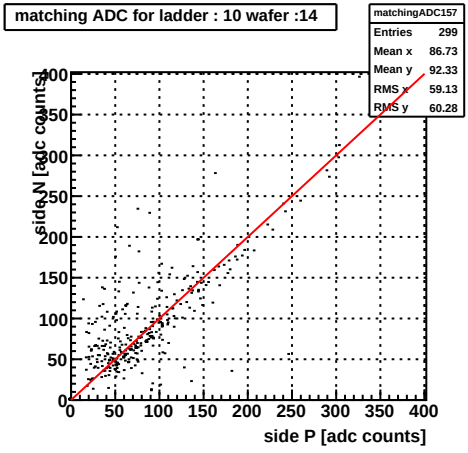

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

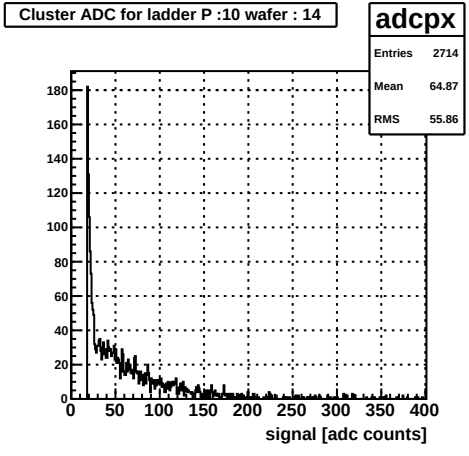

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

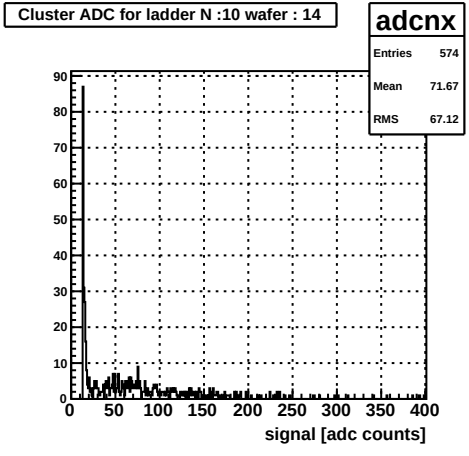

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 1114
Mean 87.92
RMS 63.33
signal [adc counts]

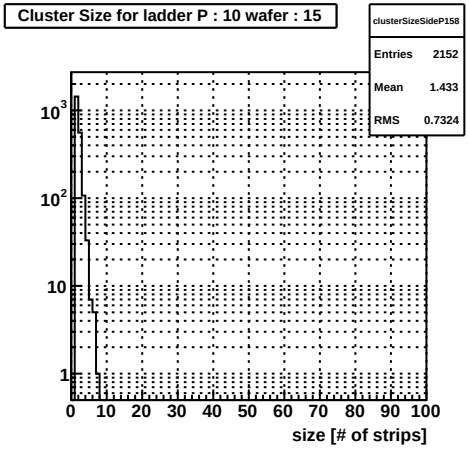

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 2714
Mean 1.29
RMS 0.5951
size [# of strips]

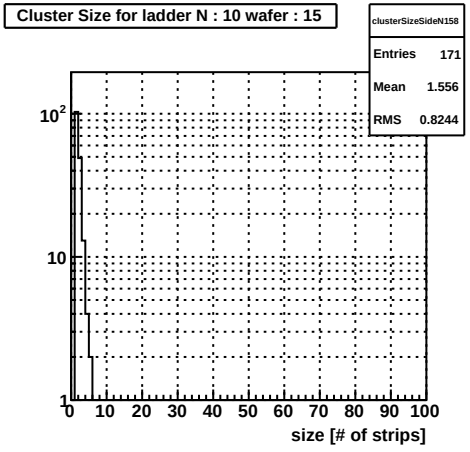

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 574
Mean 1.476
RMS 0.7777
size [# of strips]

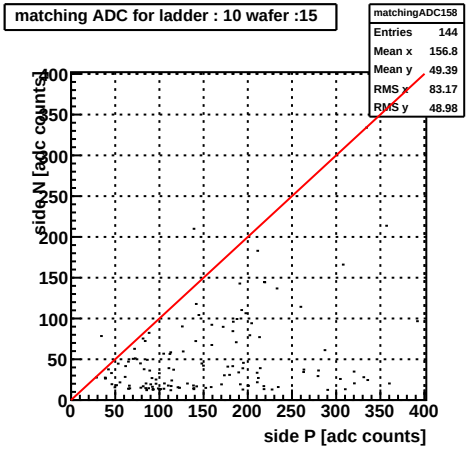

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 299
Mean x 86.73
Mean y 92.33
RMS x 59.13
RMS y 60.28
side N [adc counts]
side P [adc counts]

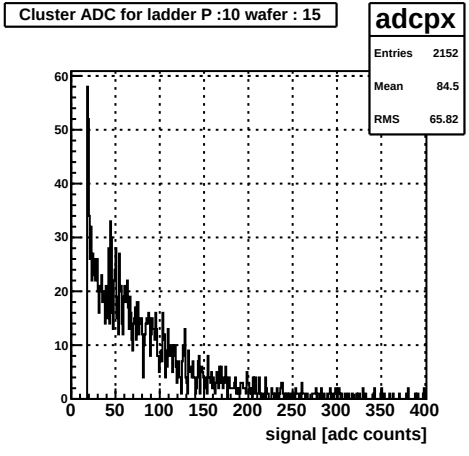

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 2714
Mean 64.87
RMS 55.86
signal [adc counts]

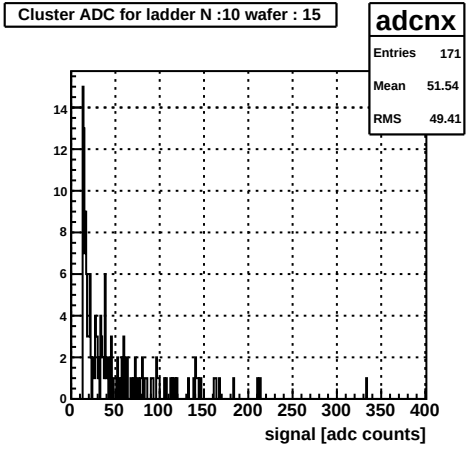

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 574
Mean 71.67
RMS 67.12
signal [adc counts]

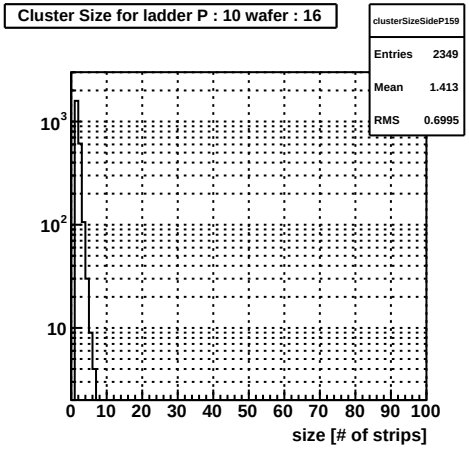

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 2152
Mean 1.433
RMS 0.7324
size [# of strips]

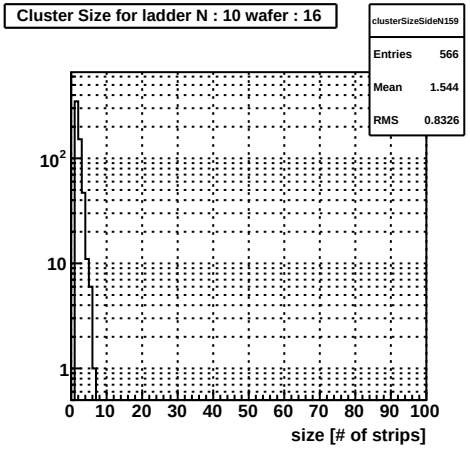

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 171
Mean 1.556
RMS 0.8244
size [# of strips]

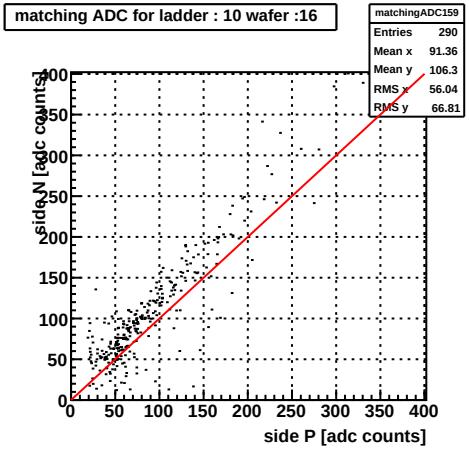

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 144
Mean x 156.8
Mean y 49.39
RMS x 83.17
RMS y 48.98
side N [adc counts]
side P [adc counts]

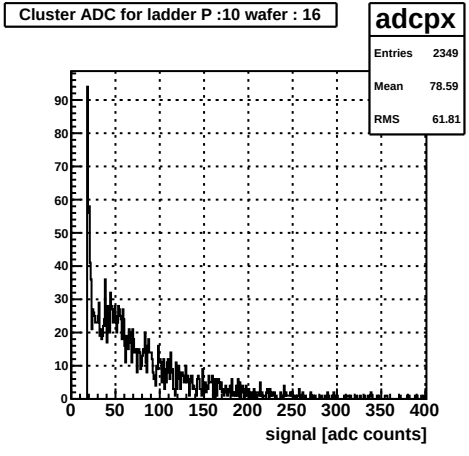

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 2152
Mean 84.5
RMS 65.82
signal [adc counts]

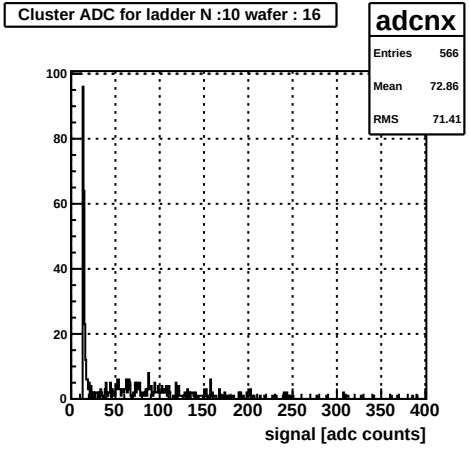

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 171
Mean 51.54
RMS 49.41
signal [adc counts]

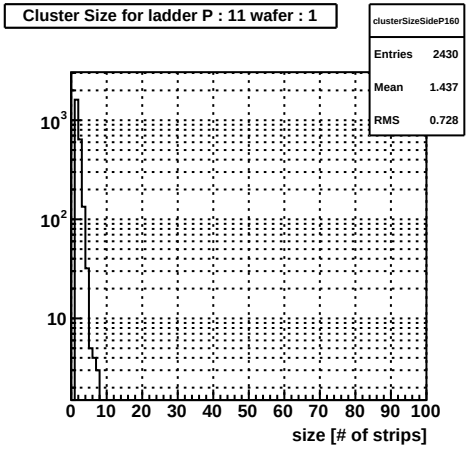

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 2349
Mean 1.413
RMS 0.6995
size [# of strips]

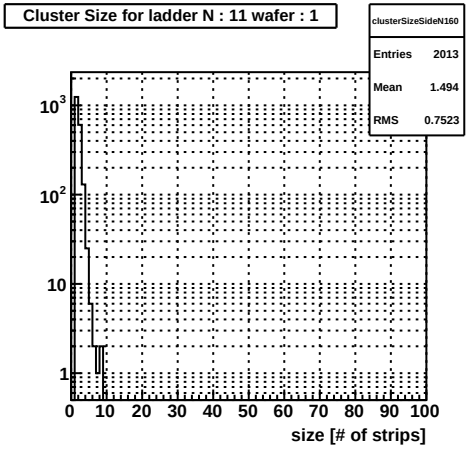

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 566
Mean 1.544
RMS 0.8326
size [# of strips]

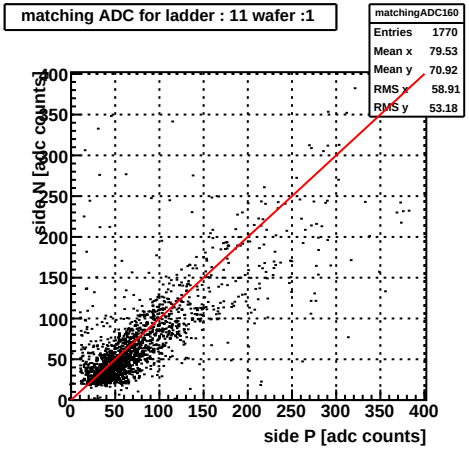

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 290
Mean x 91.36
Mean y 106.3
RMS x 56.04
RMS y 66.81
side N [adc counts]
side P [adc counts]

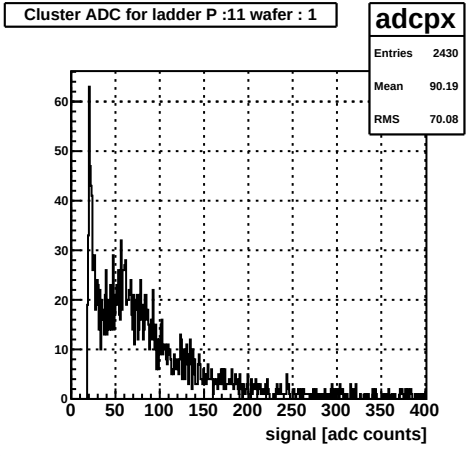

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 2349
Mean 78.59
RMS 61.81
signal [adc counts]

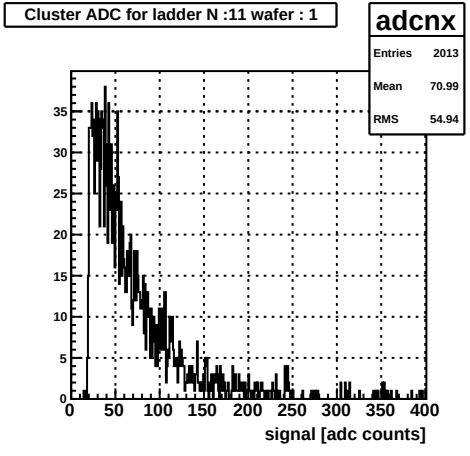

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 566
Mean 72.86
RMS 71.41
signal [adc counts]

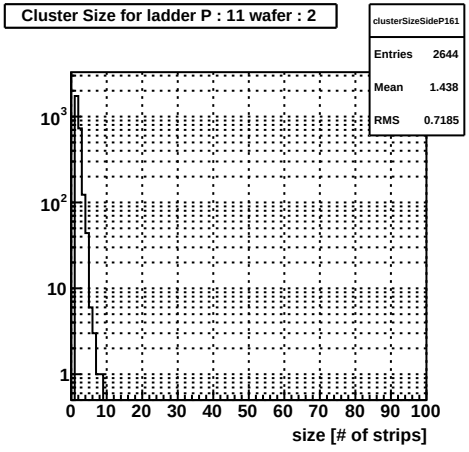

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 2430
Mean 1.437
RMS 0.728
size [# of strips]

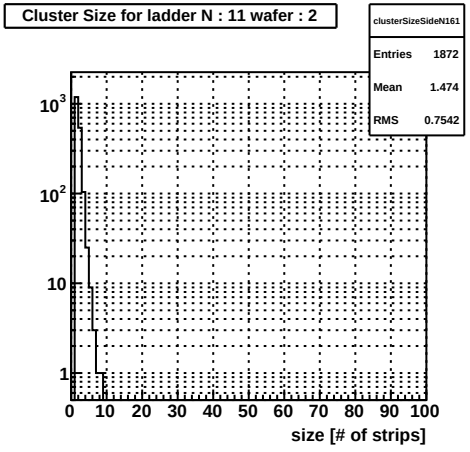

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 2013
Mean 1.494
RMS 0.7523
size [# of strips]

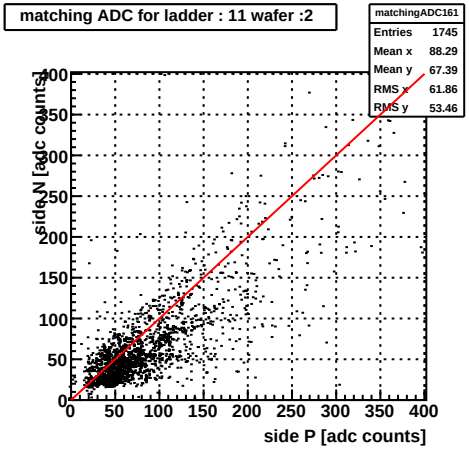

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1770
Mean x 79.53
Mean y 70.92
RMS x 58.91
RMS y 53.18
side N [adc counts]
side P [adc counts]

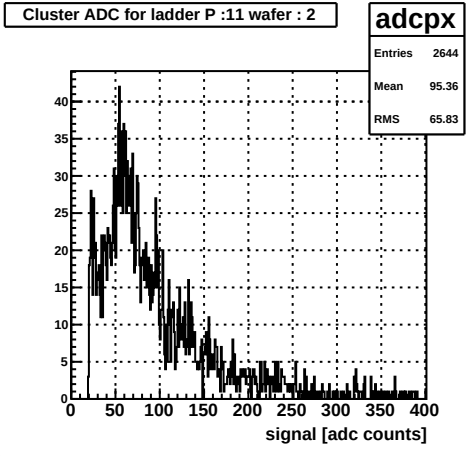

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 2430
Mean 90.19
RMS 70.08
signal [adc counts]

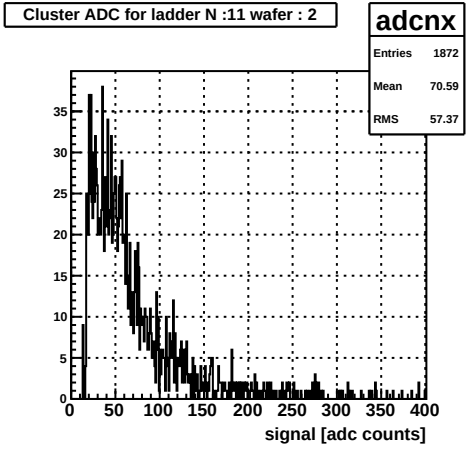

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 2013
Mean 70.99
RMS 54.94
signal [adc counts]

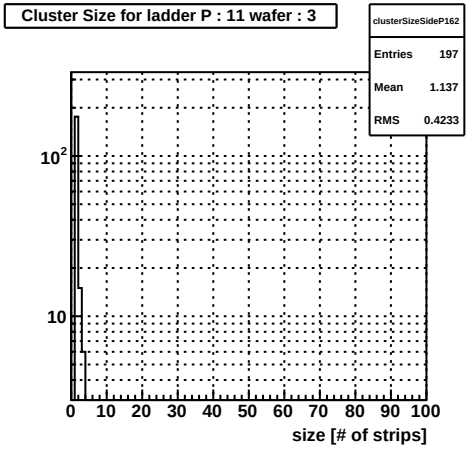

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 2644
Mean 1.438
RMS 0.7185
size [# of strips]

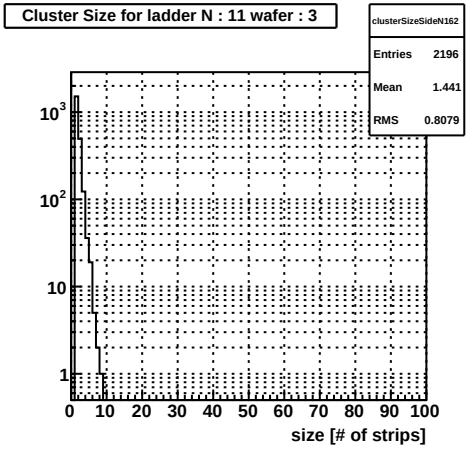

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1872
Mean 1.474
RMS 0.7542
size [# of strips]

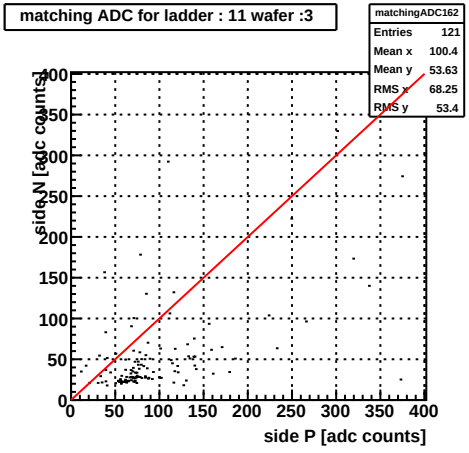

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1745
Mean x 88.29
Mean y 67.39
RMS x 61.86
RMS y 53.46
side N [adc counts]
side P [adc counts]

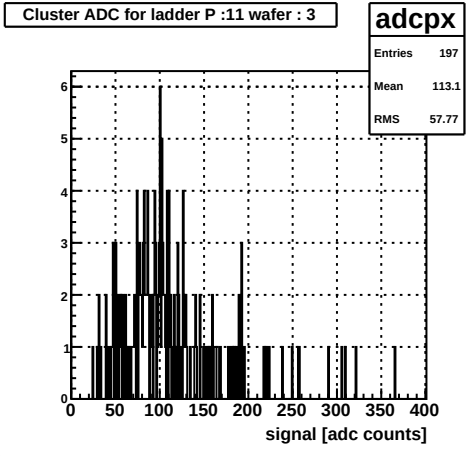

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 2644
Mean 95.36
RMS 65.83
signal [adc counts]

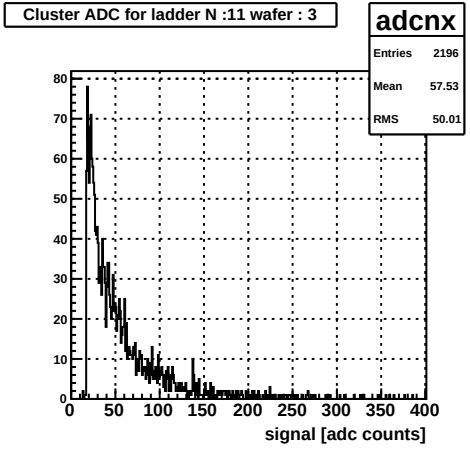

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1872
Mean 70.59
RMS 57.37
signal [adc counts]

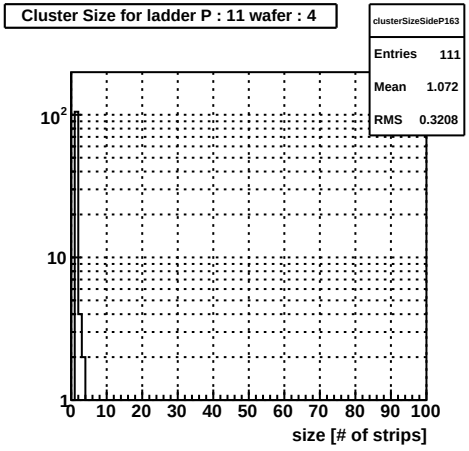

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 197
Mean 1.137
RMS 0.4233
size [# of strips]

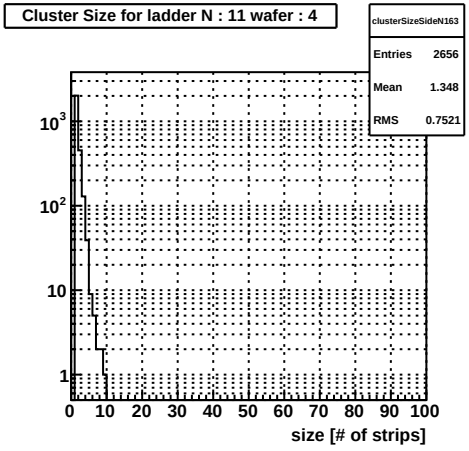

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 2196
Mean 1.441
RMS 0.8079
size [# of strips]

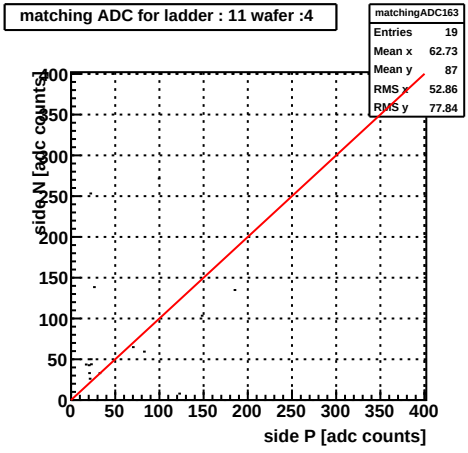

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 121
Mean x 100.4
Mean y 53.63
RMS x 68.25
RMS y 53.4
side N [adc counts]
side P [adc counts]

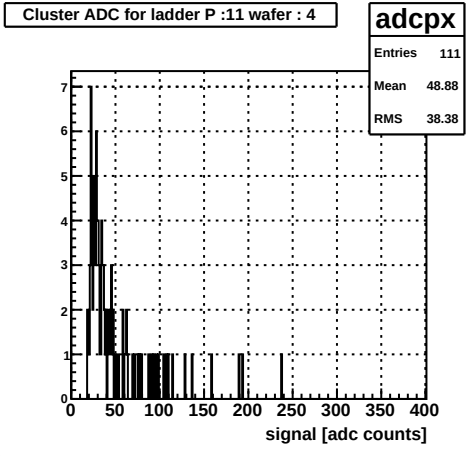

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 197
Mean 113.1
RMS 57.77
signal [adc counts]

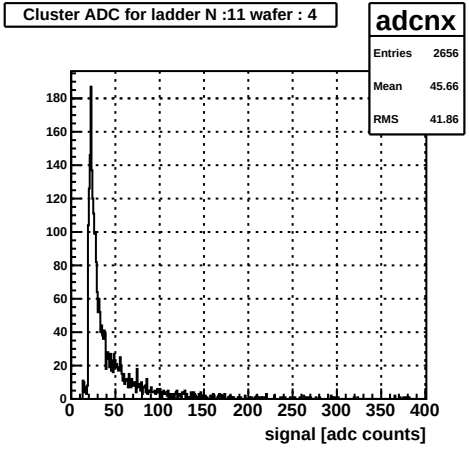

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 2196
Mean 57.53
RMS 50.01
signal [adc counts]

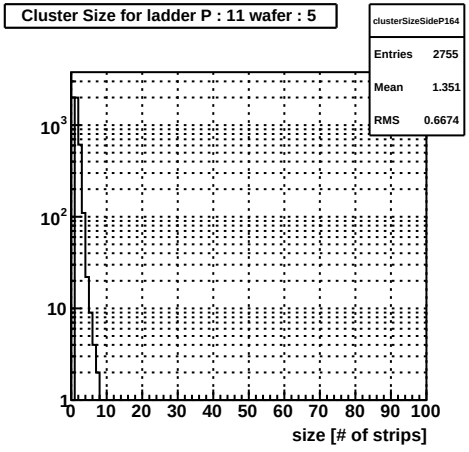

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 111
Mean 1.072
RMS 0.3208
size [# of strips]

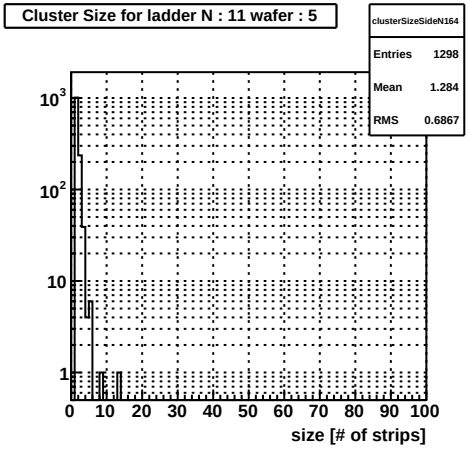

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 2656
Mean 1.348
RMS 0.7521
size [# of strips]

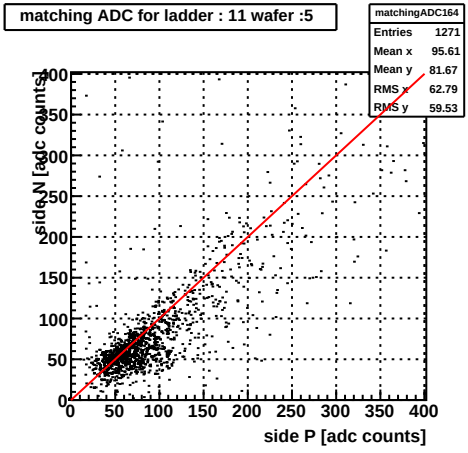

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 19
Mean x 62.73
Mean y 87
RMS x 52.86
RMS y 77.84
side N [adc counts]
side P [adc counts]

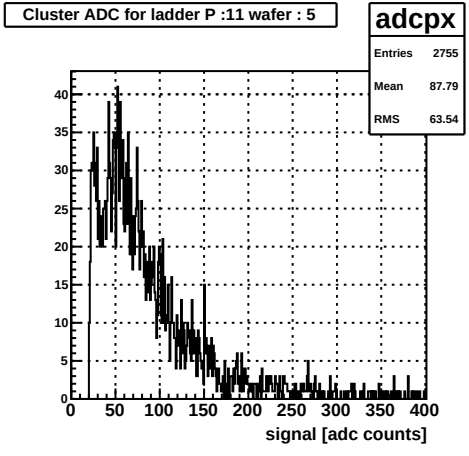

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 111
Mean 48.88
RMS 38.38
signal [adc counts]

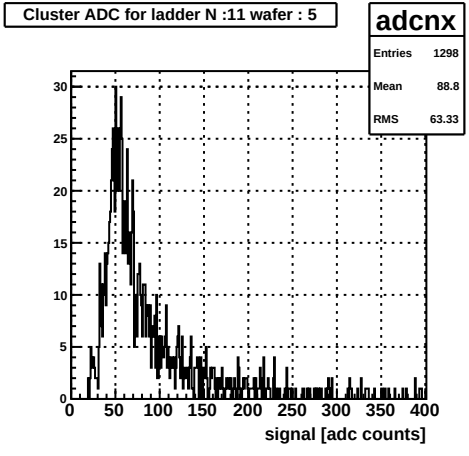

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 2656
Mean 45.66
RMS 41.86
signal [adc counts]

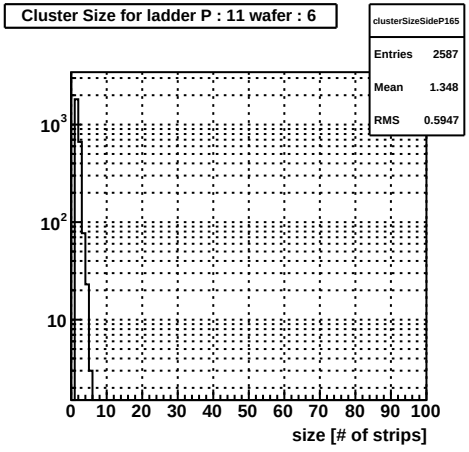

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 2755
Mean 1.351
RMS 0.6674
size [# of strips]

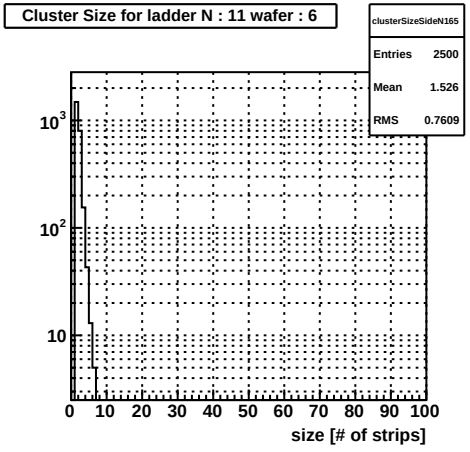

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1298
Mean 1.284
RMS 0.6867
size [# of strips]

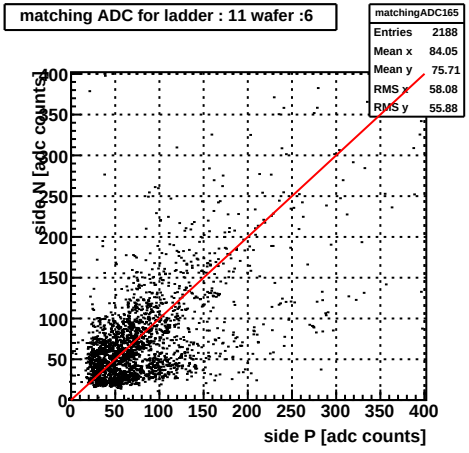

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 1271
Mean x 95.61
Mean y 81.67
RMS x 62.79
RMS y 59.53
side N [adc counts]
side P [adc counts]

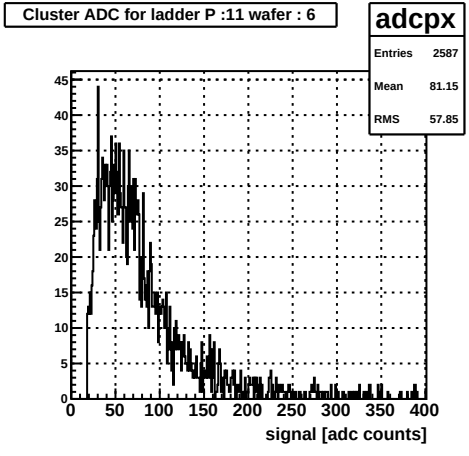

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 2755
Mean 87.79
RMS 63.54
signal [adc counts]

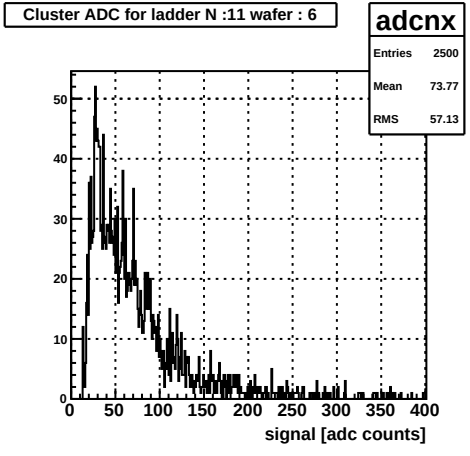

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1298
Mean 88.8
RMS 63.33
signal [adc counts]

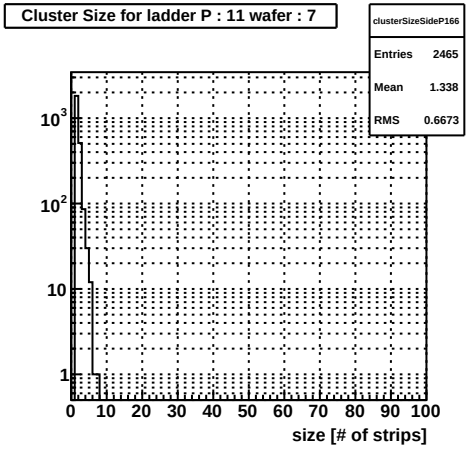

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2587
Mean 1.348
RMS 0.5947
size [# of strips]

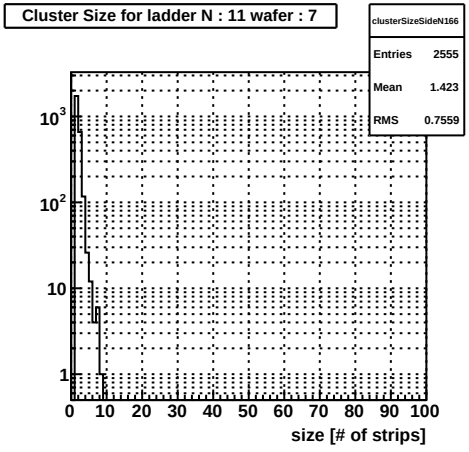

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 2500
Mean 1.526
RMS 0.7609
size [# of strips]

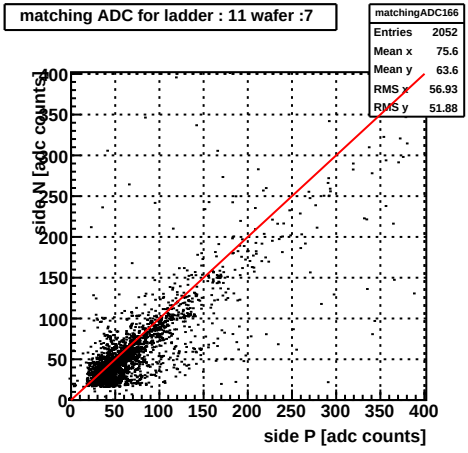

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 2188
Mean x 84.05
Mean y 75.71
RMS x 58.08
RMS y 55.88
side N [adc counts]
side P [adc counts]

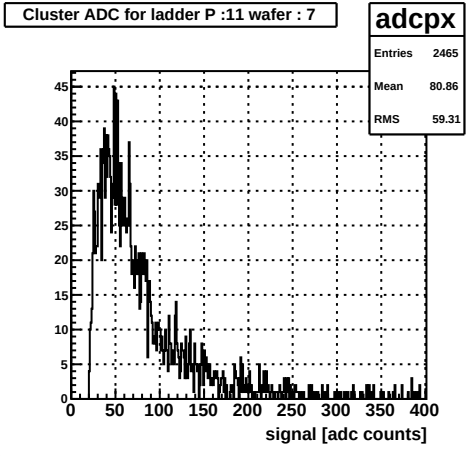

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2587
Mean 81.15
RMS 57.85
signal [adc counts]

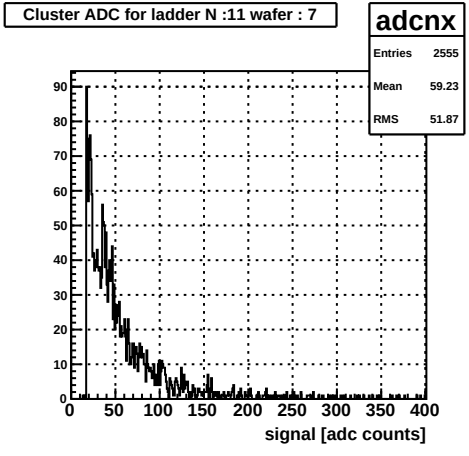

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 2500
Mean 73.77
RMS 57.13
signal [adc counts]

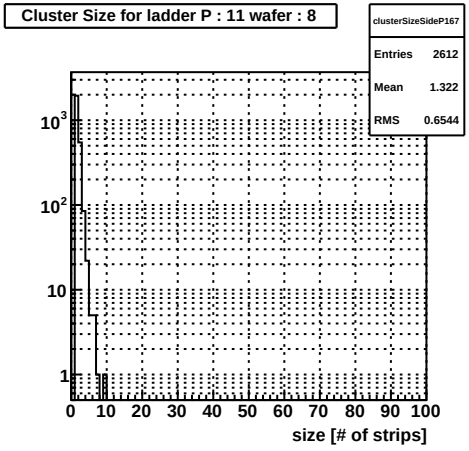

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 2465
Mean 1.338
RMS 0.6673
size [# of strips]

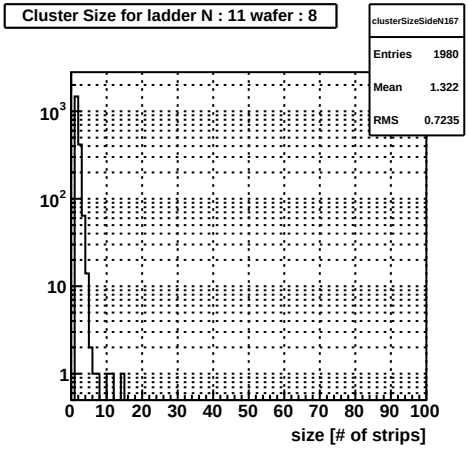

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 2555
Mean 1.423
RMS 0.7559
size [# of strips]

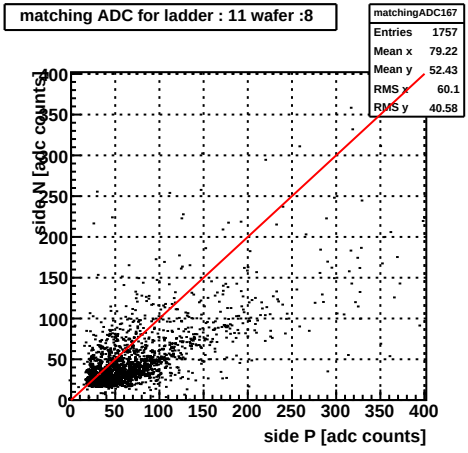

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 2052
Mean x 75.6
Mean y 63.6
RMS x 56.93
RMS y 51.88
side N [adc counts]
side P [adc counts]

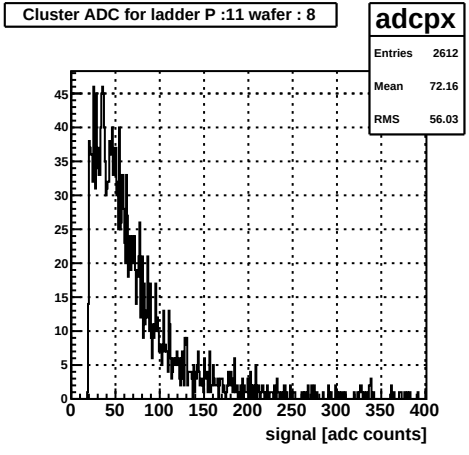

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 2465
Mean 80.86
RMS 59.31
signal [adc counts]

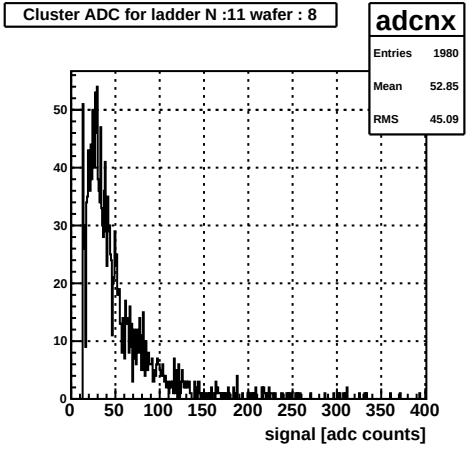

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 2555
Mean 59.23
RMS 51.87
signal [adc counts]

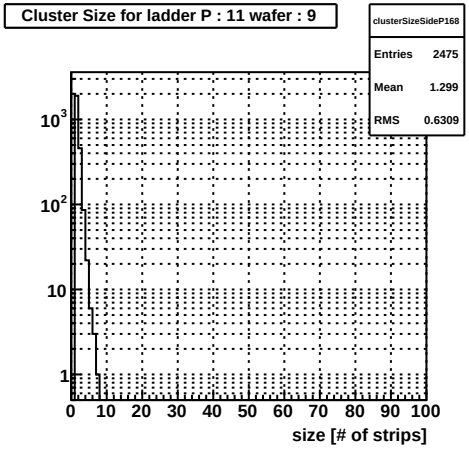

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 2612
Mean 1.322
RMS 0.6544
size [# of strips]

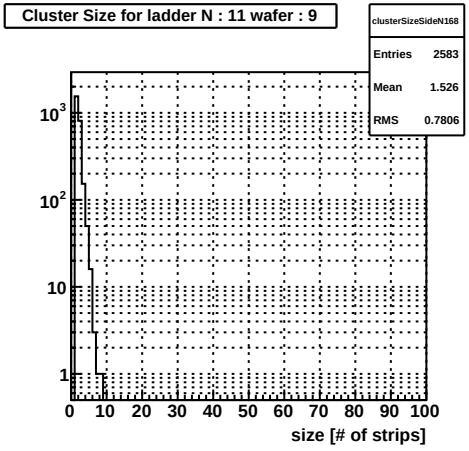

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1980
Mean 1.322
RMS 0.7235
size [# of strips]

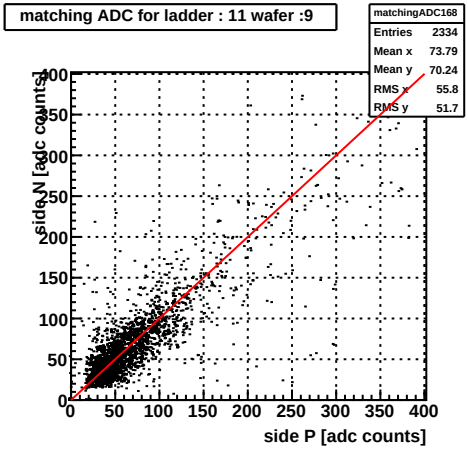

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1757
Mean x 79.22
Mean y 52.43
RMS x 60.1
RMS y 40.58
side N [adc counts]
side P [adc counts]

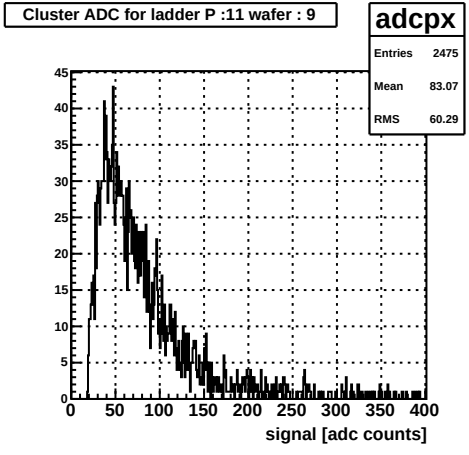

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 2612
Mean 72.16
RMS 56.03
signal [adc counts]

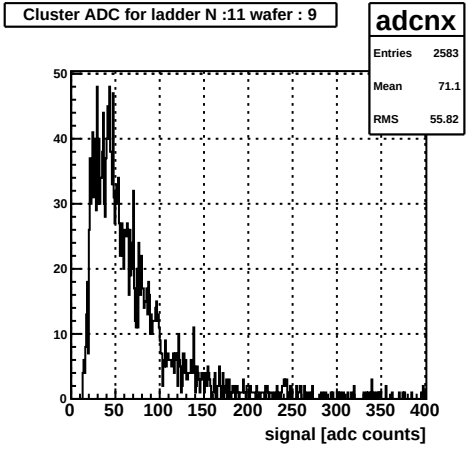

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1980
Mean 52.85
RMS 45.09
signal [adc counts]

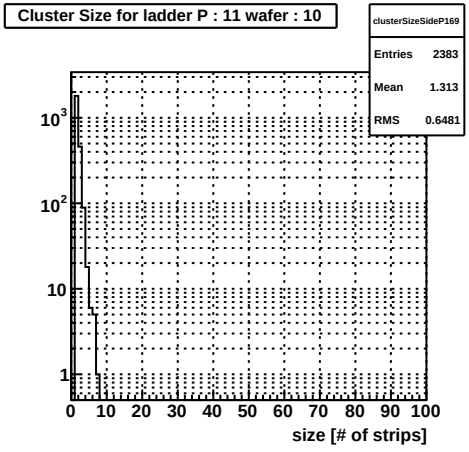

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 2475
Mean 1.299
RMS 0.6309
size [# of strips]

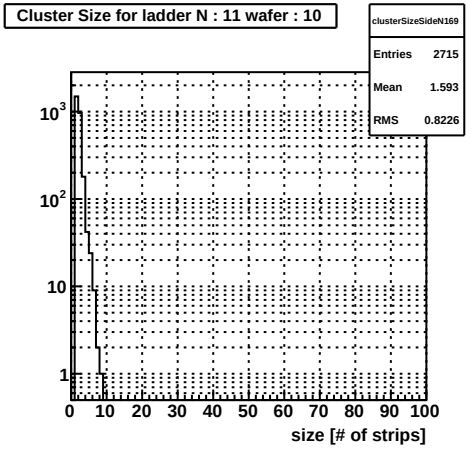

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2583
Mean 1.526
RMS 0.7806
size [# of strips]

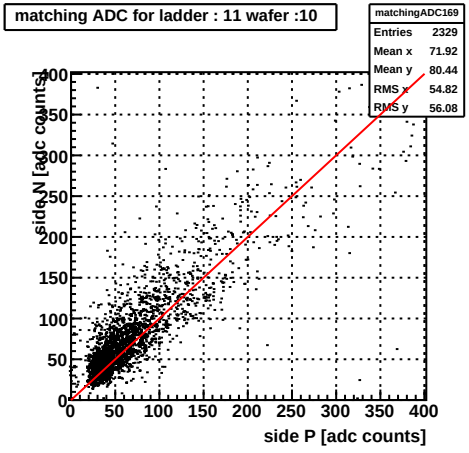

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 2334
Mean x 73.79
Mean y 70.24
RMS x 55.8
RMS y 51.7
side N [adc counts]
side P [adc counts]

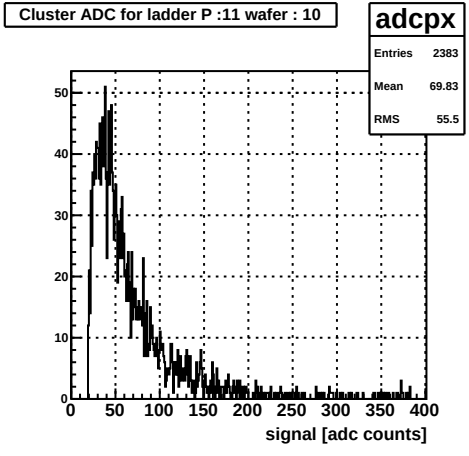

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 2475
Mean 83.07
RMS 60.29
signal [adc counts]

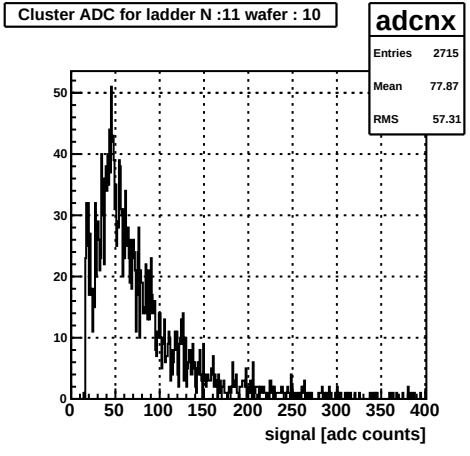

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2583
Mean 71.1
RMS 55.82
signal [adc counts]

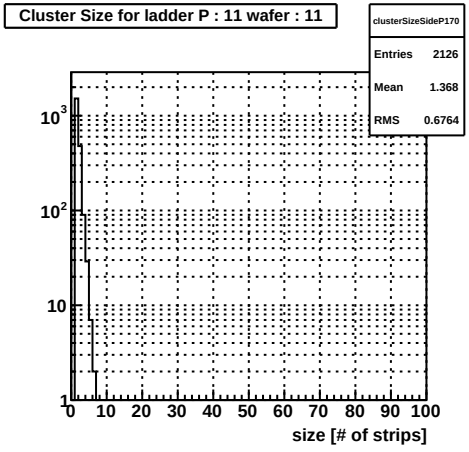

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2383
Mean 1.313
RMS 0.6481
size [# of strips]

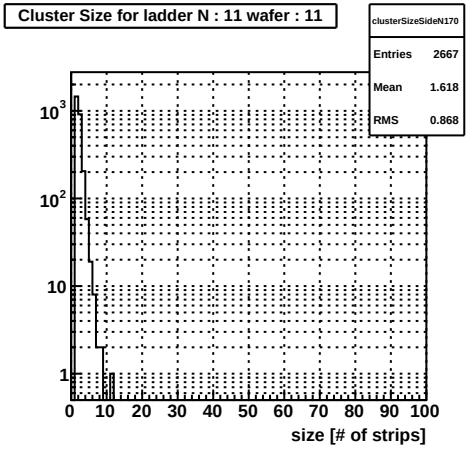

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2715
Mean 1.593
RMS 0.8226
size [# of strips]

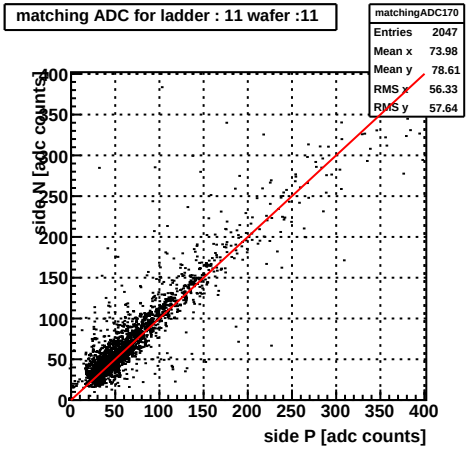

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 2329
Mean x 71.92
Mean y 80.44
RMS x 54.82
RMS y 56.08
side N [adc counts]
side P [adc counts]

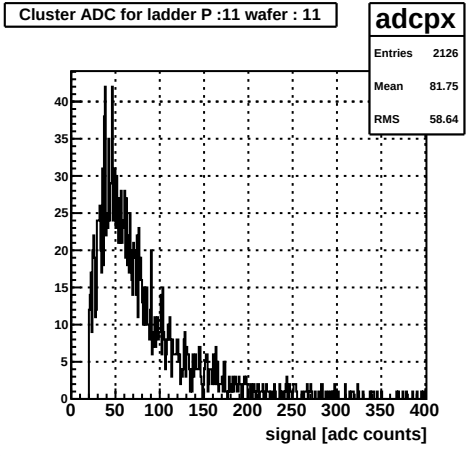

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2383
Mean 69.83
RMS 55.5
signal [adc counts]

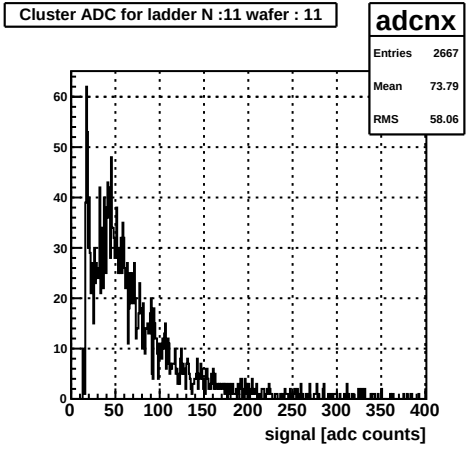

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2715
Mean 77.87
RMS 57.31
signal [adc counts]

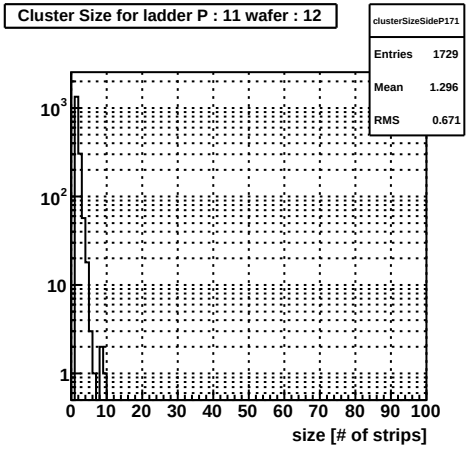

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 2126
Mean 1.368
RMS 0.6764
size [# of strips]

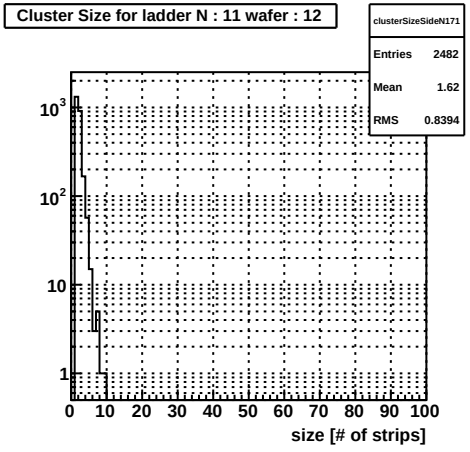

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 2667
Mean 1.618
RMS 0.868
size [# of strips]

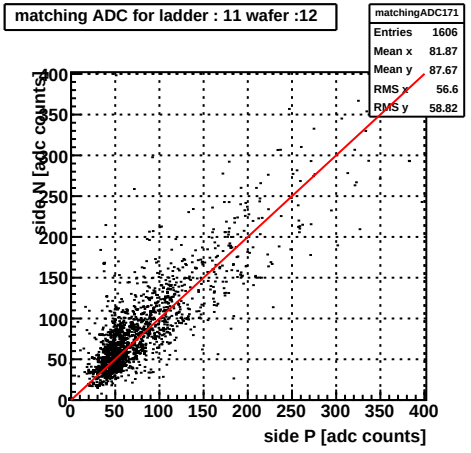

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 2047
Mean x 73.98
Mean y 78.61
RMS x 56.33
RMS y 57.64
side N [adc counts]
side P [adc counts]

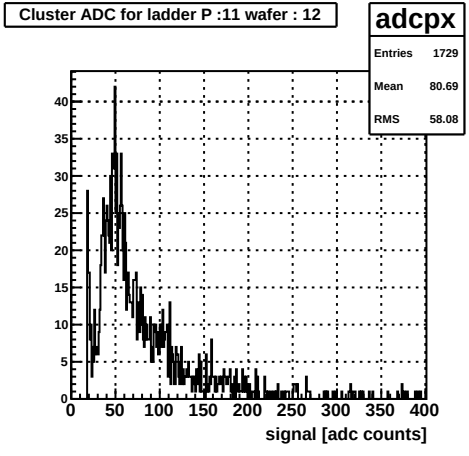

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 2126
Mean 81.75
RMS 58.64
signal [adc counts]

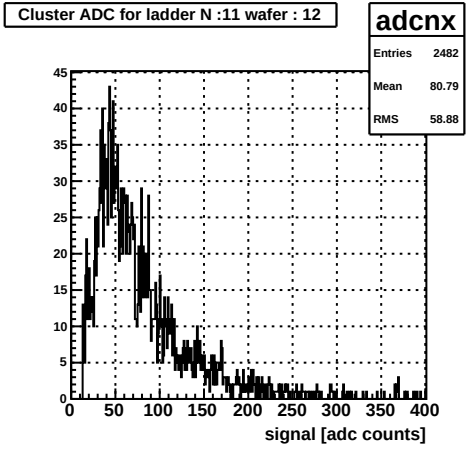

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 2667
Mean 73.79
RMS 58.06
signal [adc counts]

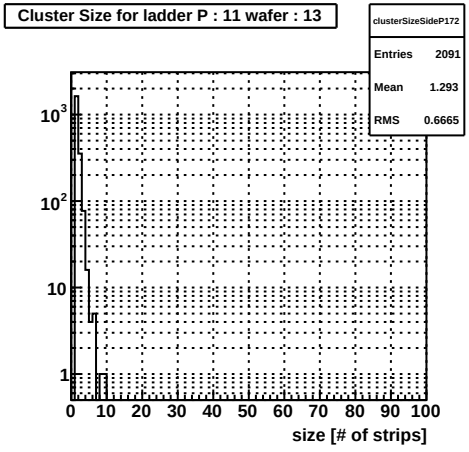

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 1729
Mean 1.296
RMS 0.671
size [# of strips]

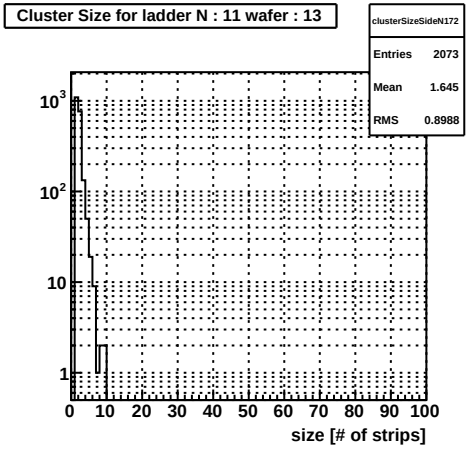

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 2482
Mean 1.62
RMS 0.8394
size [# of strips]

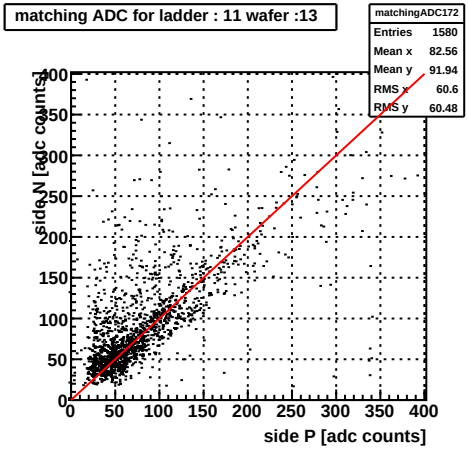

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 1606
Mean x 81.87
Mean y 87.67
RMS x 56.6
RMS y 58.82
side N [adc counts]
side P [adc counts]

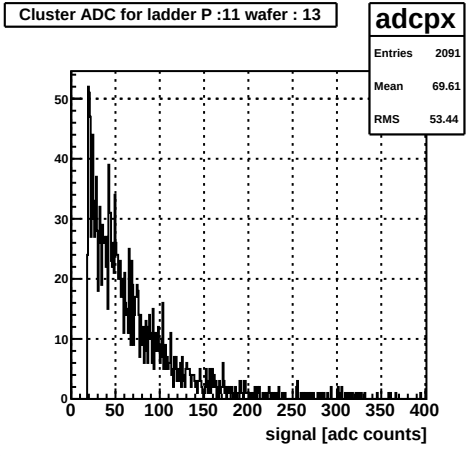

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 1729
Mean 80.69
RMS 58.08
signal [adc counts]

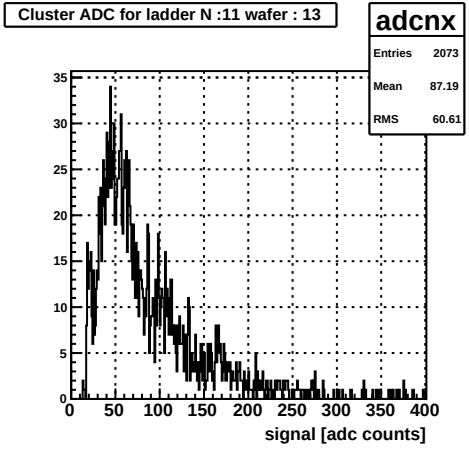

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 2482
Mean 80.79
RMS 58.88
signal [adc counts]

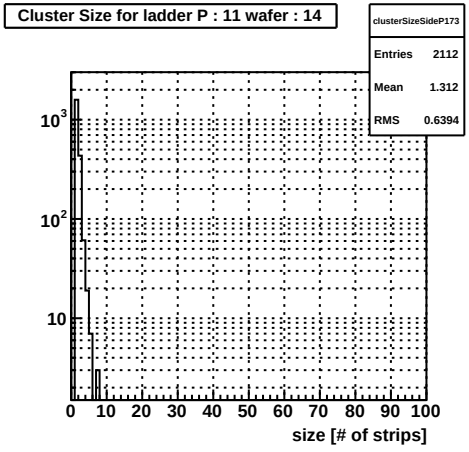

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 2091
Mean 1.293
RMS 0.6665
size [# of strips]

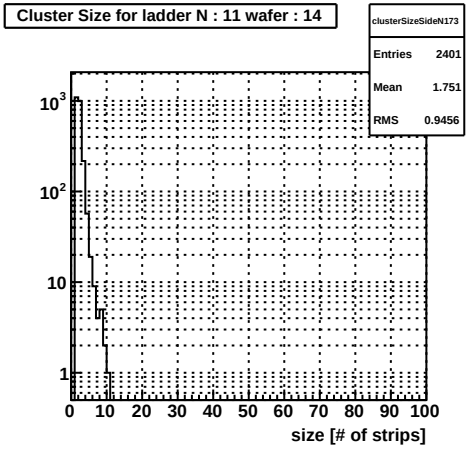

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 2073
Mean 1.645
RMS 0.8988
size [# of strips]

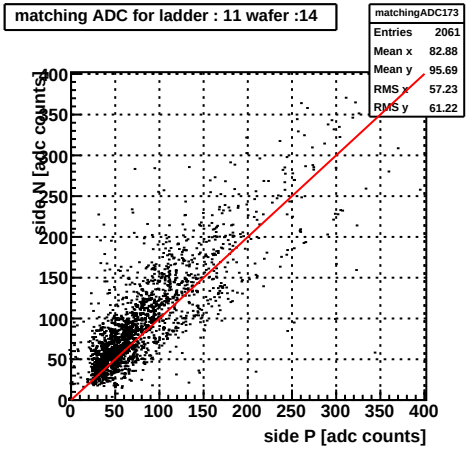

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1580
Mean x 82.56
Mean y 91.94
RMS x 60.6
RMS y 60.48
side N [adc counts]
side P [adc counts]

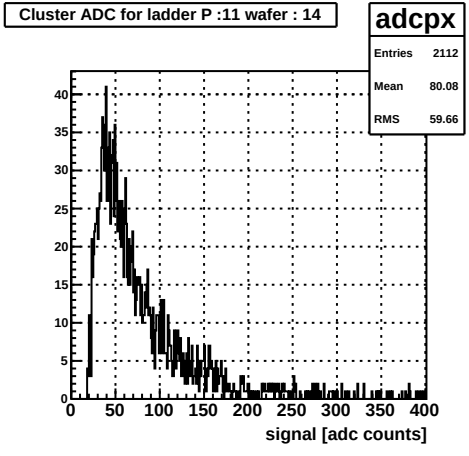

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 2091
Mean 69.61
RMS 53.44
signal [adc counts]

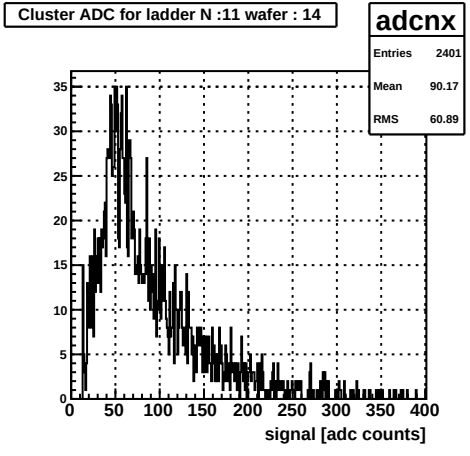

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 2073
Mean 87.19
RMS 60.61
signal [adc counts]

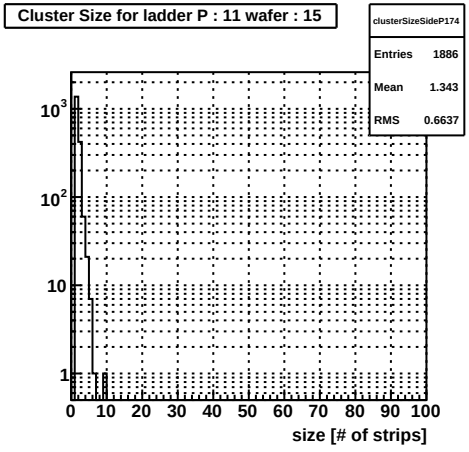

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2112
Mean 1.312
RMS 0.6394
size [# of strips]

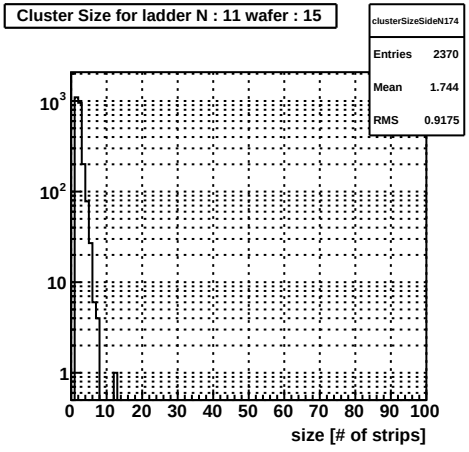

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2401
Mean 1.751
RMS 0.9456
size [# of strips]

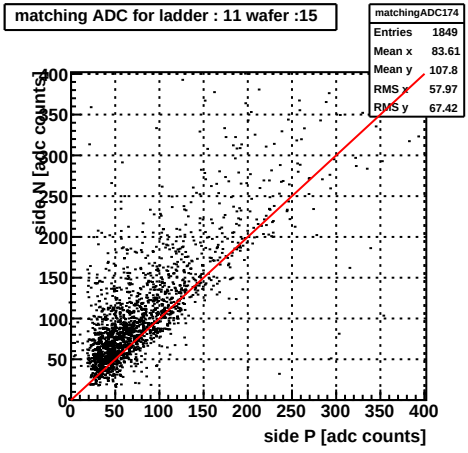

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 2061
Mean x 82.88
Mean y 95.69
RMS x 57.23
RMS y 61.22
side N [adc counts]
side P [adc counts]

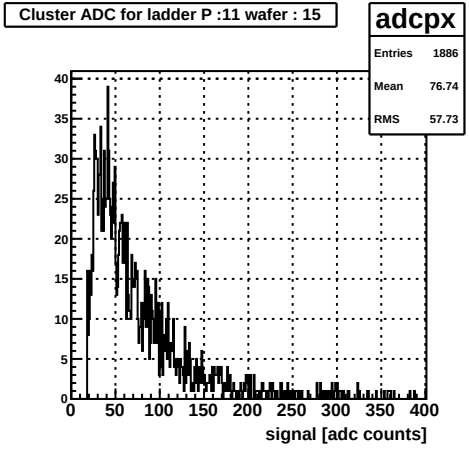

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2112
Mean 80.08
RMS 59.66
signal [adc counts]

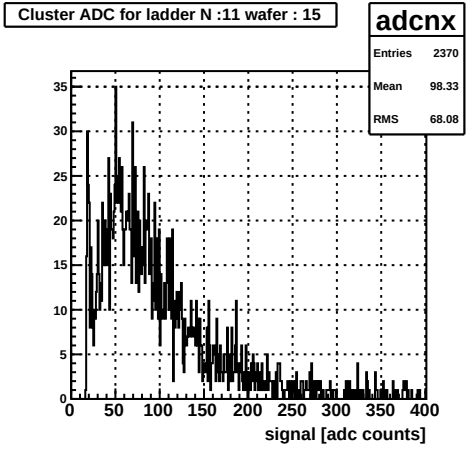

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2401
Mean 90.17
RMS 60.89
signal [adc counts]

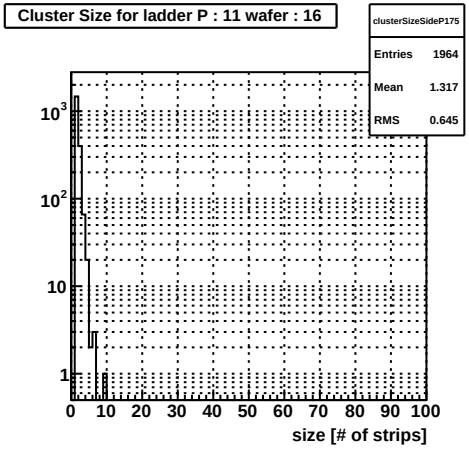

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 1886
Mean 1.343
RMS 0.6637
size [# of strips]

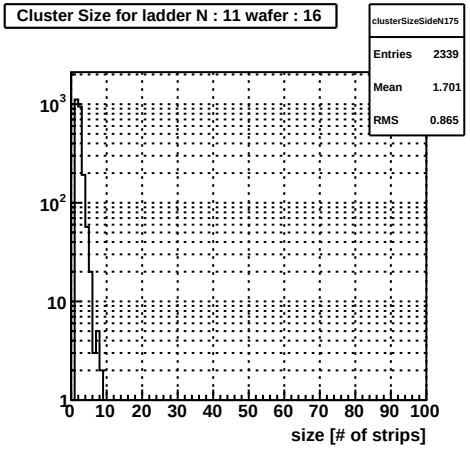

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2370
Mean 1.744
RMS 0.9175
size [# of strips]

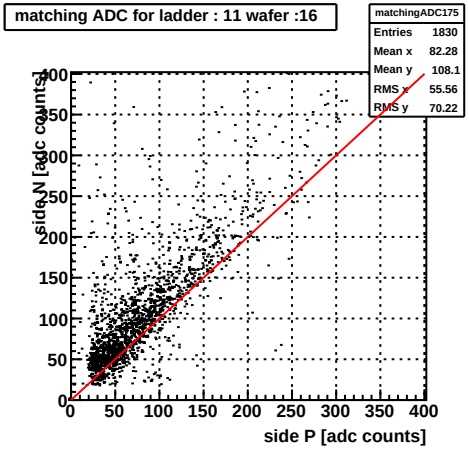

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1849
Mean x 83.61
Mean y 107.8
RMS x 57.97
RMS y 67.42
side N [adc counts]
side P [adc counts]

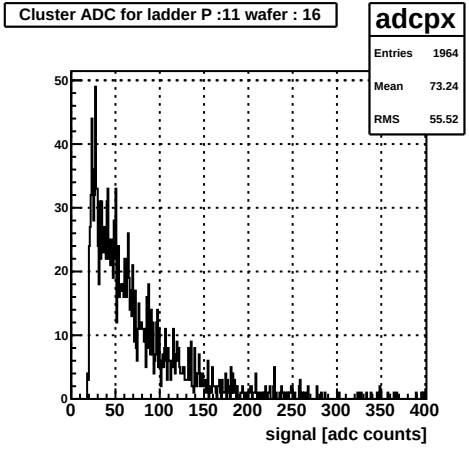

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 1886
Mean 76.74
RMS 57.73
signal [adc counts]

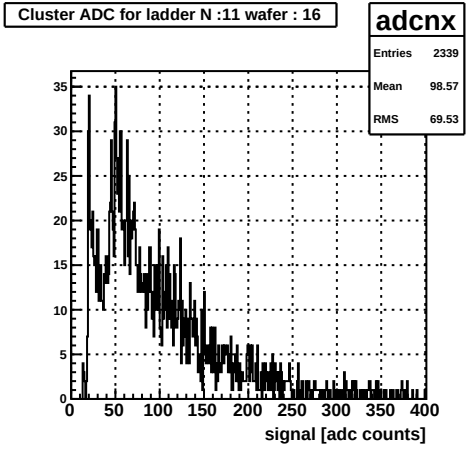

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2370
Mean 98.33
RMS 68.08
signal [adc counts]

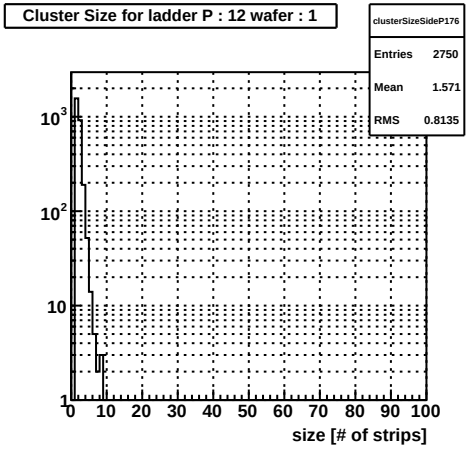

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1964
Mean 1.317
RMS 0.645
size [# of strips]

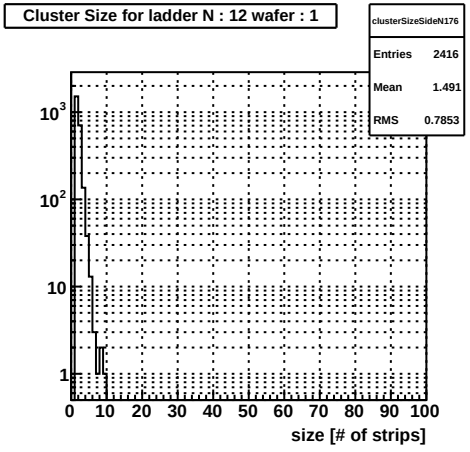

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2339
Mean 1.701
RMS 0.865
size [# of strips]

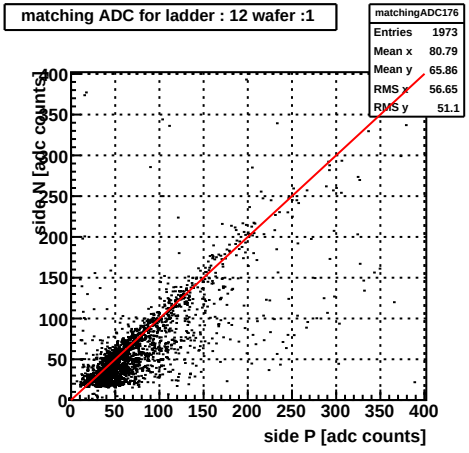

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1830
Mean x 82.28
Mean y 108.1
RMS x 55.56
RMS y 70.22
side N [adc counts]
side P [adc counts]

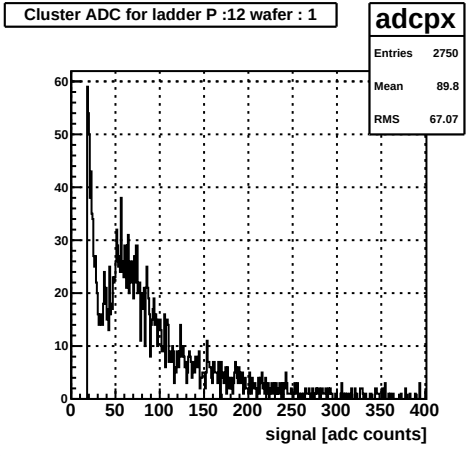

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1964
Mean 73.24
RMS 55.52
signal [adc counts]

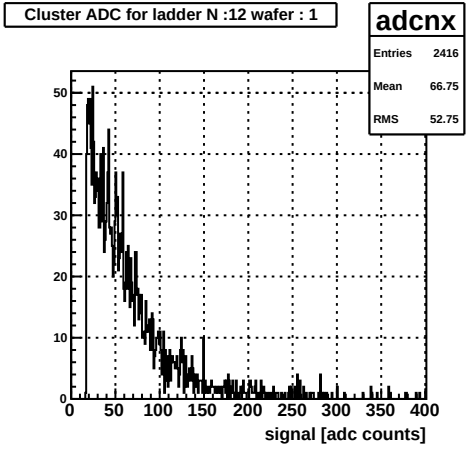

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2339
Mean 98.57
RMS 69.53
signal [adc counts]

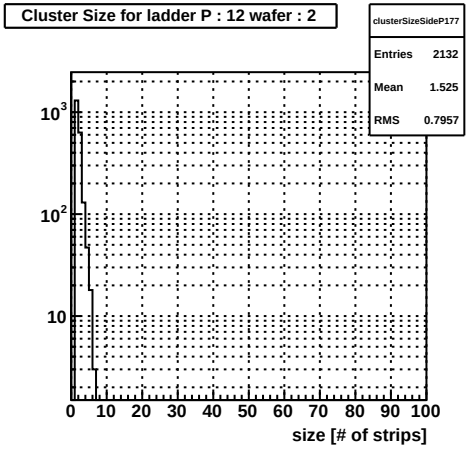

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 2750
Mean 1.571
RMS 0.8135
size [# of strips]

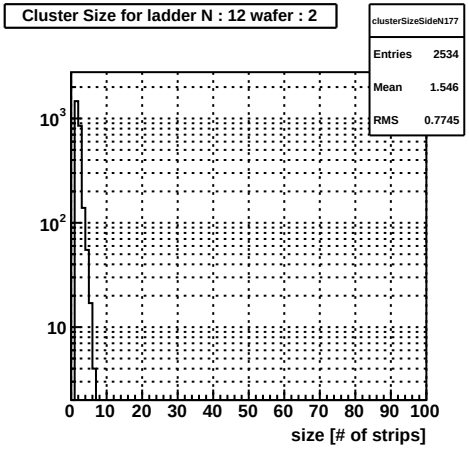

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 2416
Mean 1.491
RMS 0.7853
size [# of strips]

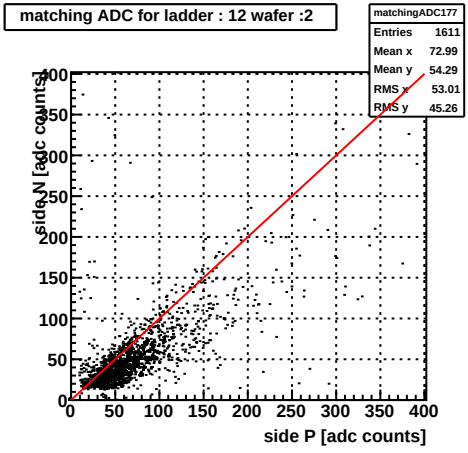

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1973
Mean x 80.79
Mean y 65.86
RMS x 56.65
RMS y 51.1
side N [adc counts]
side P [adc counts]

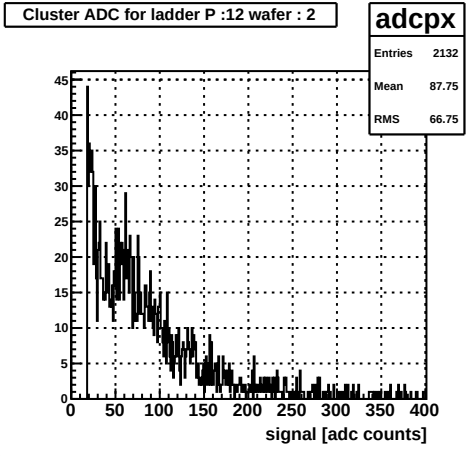

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 2750
Mean 89.8
RMS 67.07
signal [adc counts]

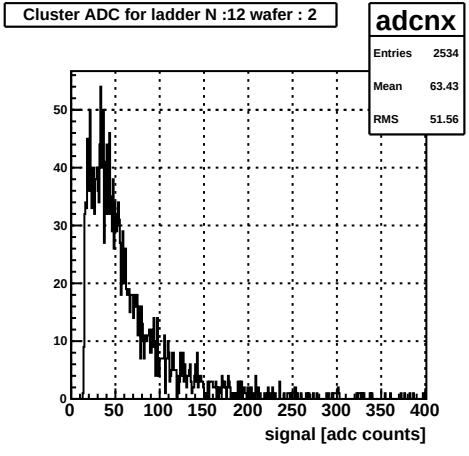

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 2416
Mean 66.75
RMS 52.75
signal [adc counts]

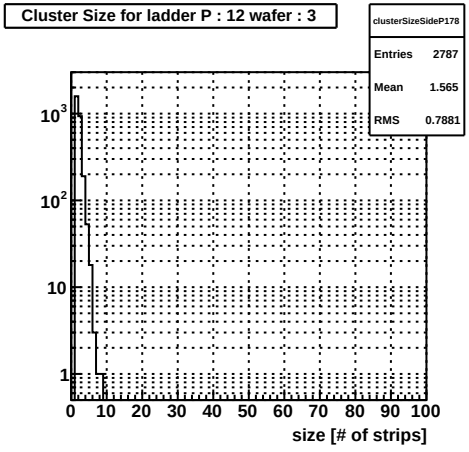

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 2132
Mean 1.525
RMS 0.7957
size [# of strips]

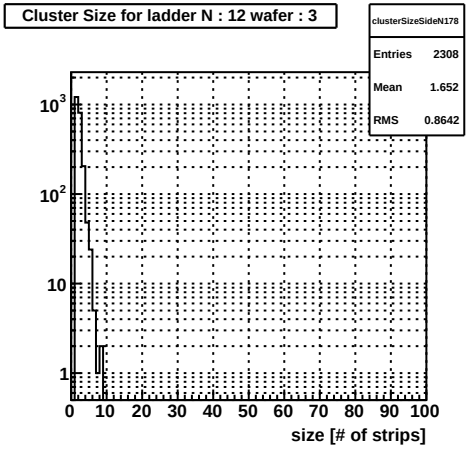

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 2534
Mean 1.546
RMS 0.7745
size [# of strips]

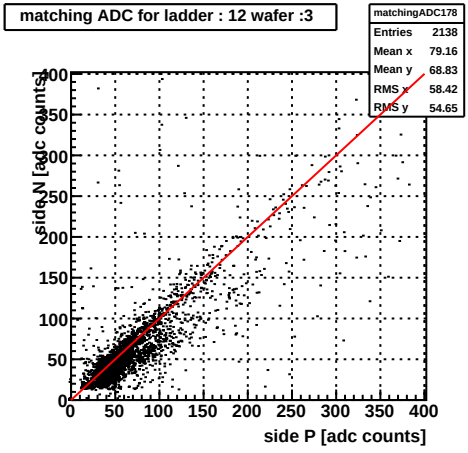

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 1611
Mean x 72.99
Mean y 54.29
RMS x 53.01
RMS y 45.26
side N [adc counts]
side P [adc counts]

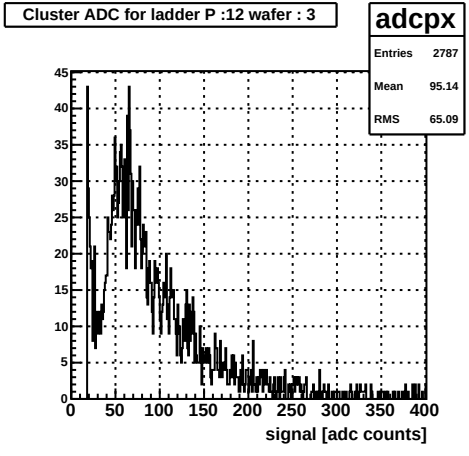

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 2132
Mean 87.75
RMS 66.75
signal [adc counts]

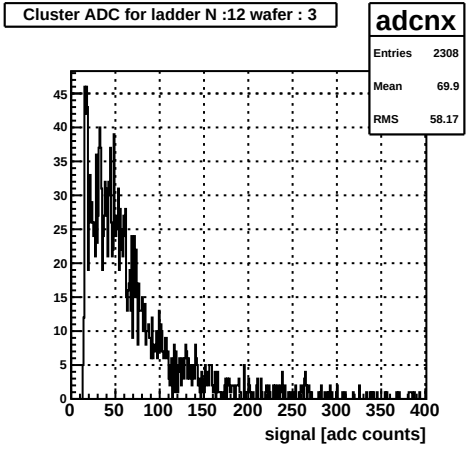

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 2534
Mean 63.43
RMS 51.56
signal [adc counts]

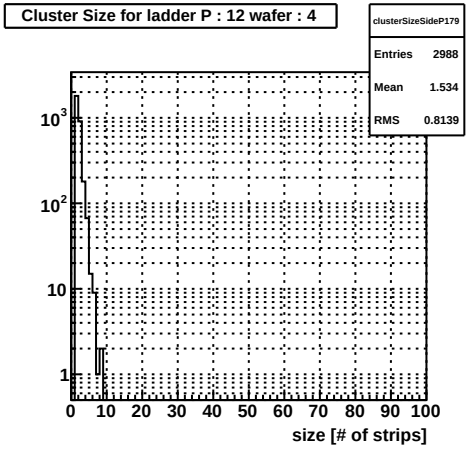

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2787
Mean 1.565
RMS 0.7881
size [# of strips]

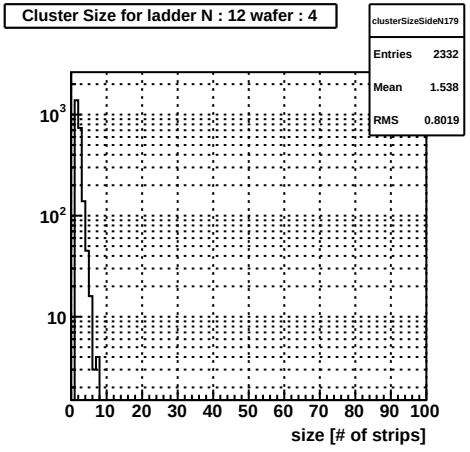

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 2308
Mean 1.652
RMS 0.8642
size [# of strips]

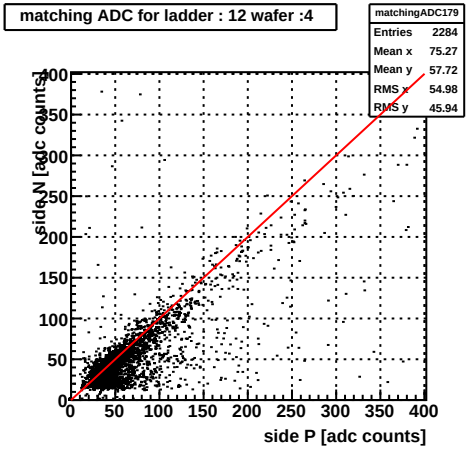

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 2138
Mean x 79.16
Mean y 68.83
RMS x 58.42
RMS y 54.65
side N [adc counts]
side P [adc counts]

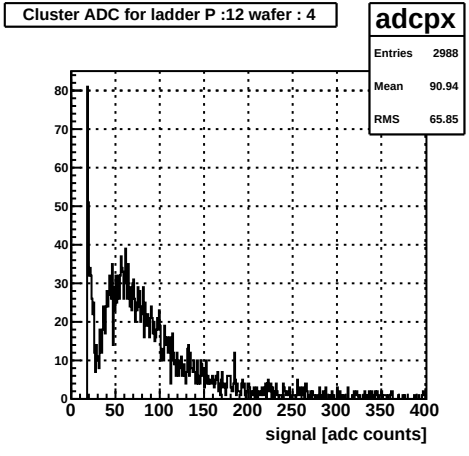

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2787
Mean 95.14
RMS 65.09
signal [adc counts]

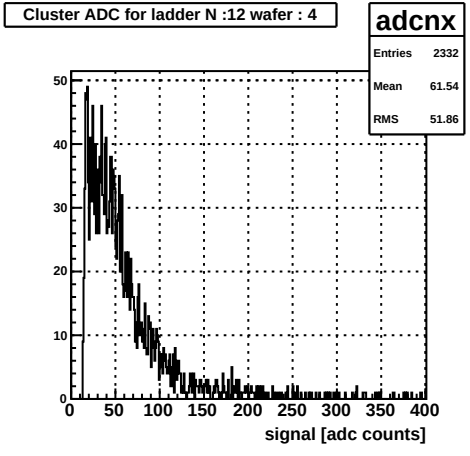

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 2308
Mean 69.9
RMS 58.17
signal [adc counts]

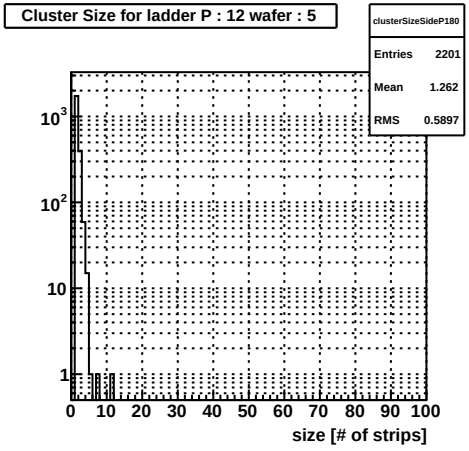

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 2988
Mean 1.534
RMS 0.8139
size [# of strips]

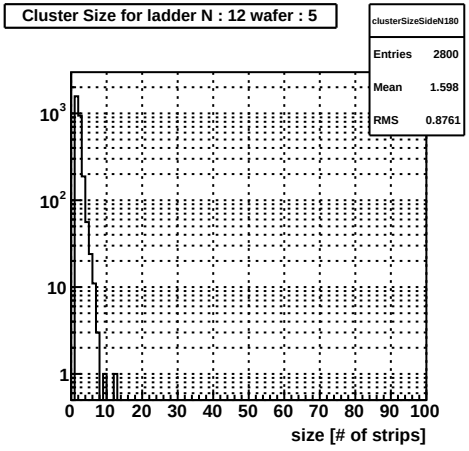

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 2332
Mean 1.538
RMS 0.8019
size [# of strips]

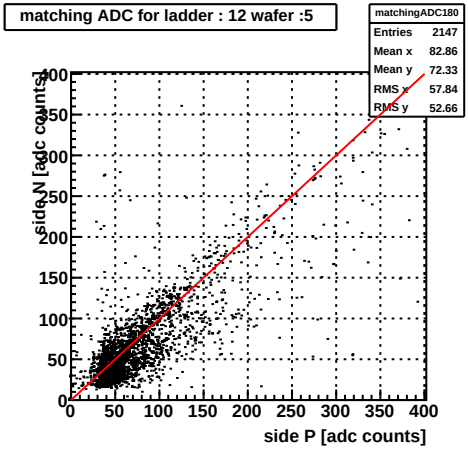

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 2284
Mean x 75.27
Mean y 57.72
RMS x 54.98
RMS y 45.94
side N [adc counts]
side P [adc counts]

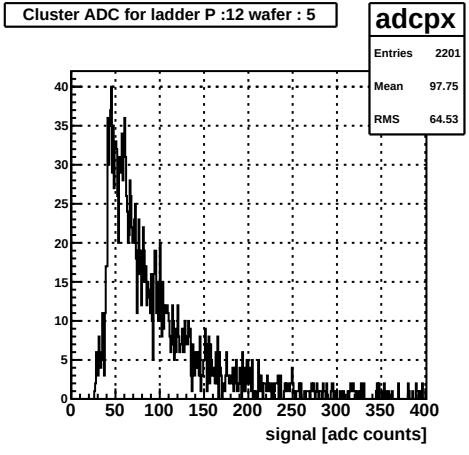

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 2988
Mean 90.94
RMS 65.85
signal [adc counts]

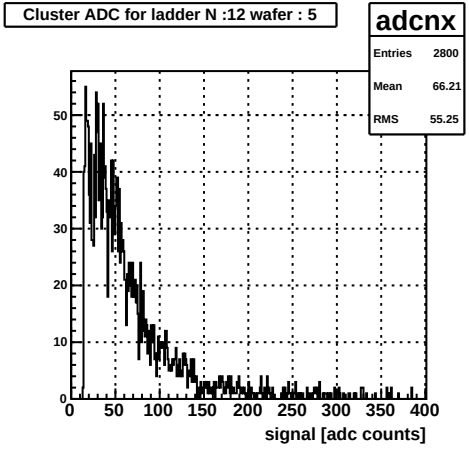

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 2332
Mean 61.54
RMS 51.86
signal [adc counts]

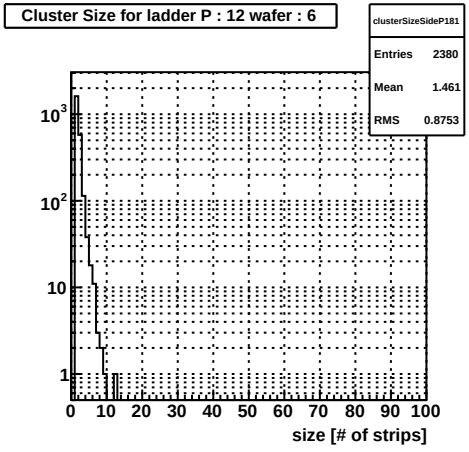

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 2201
Mean 1.262
RMS 0.5897
size [# of strips]

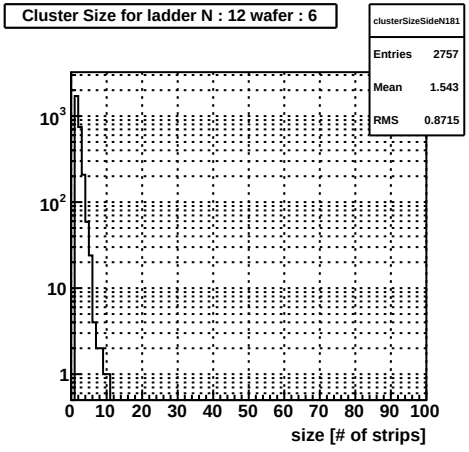

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 2800
Mean 1.598
RMS 0.8761
size [# of strips]

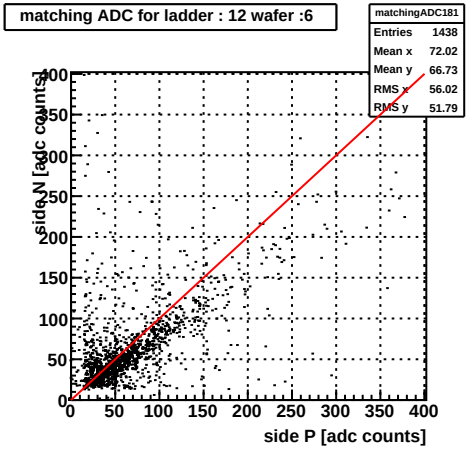

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 2147
Mean x 82.86
Mean y 72.33
RMS x 57.84
RMS y 52.66
side N [adc counts]
side P [adc counts]

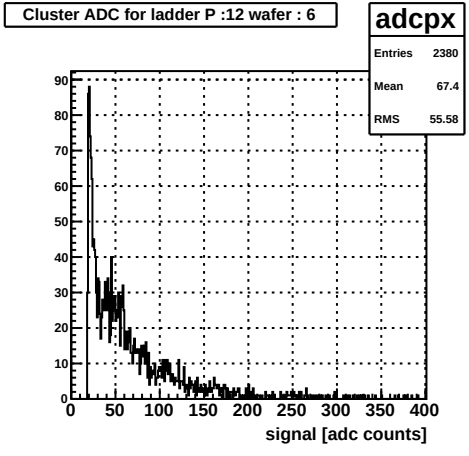

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 2201
Mean 97.75
RMS 64.53
signal [adc counts]

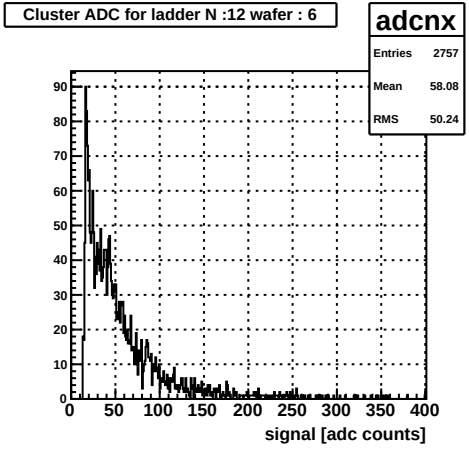

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 2800
Mean 66.21
RMS 55.25
signal [adc counts]

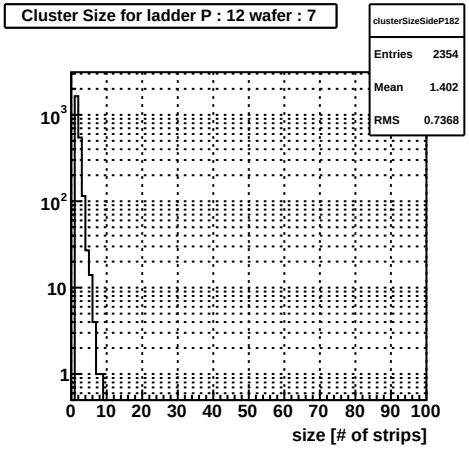

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 2380
Mean 1.461
RMS 0.8753
size [# of strips]

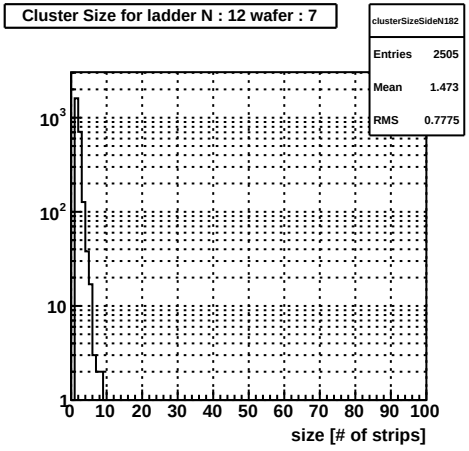

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 2757
Mean 1.543
RMS 0.8715
size [# of strips]

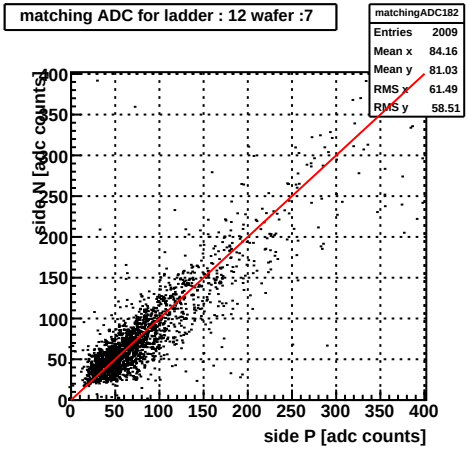

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 1438
Mean x 72.02
Mean y 66.73
RMS x 56.02
RMS y 51.79
side N [adc counts]
side P [adc counts]

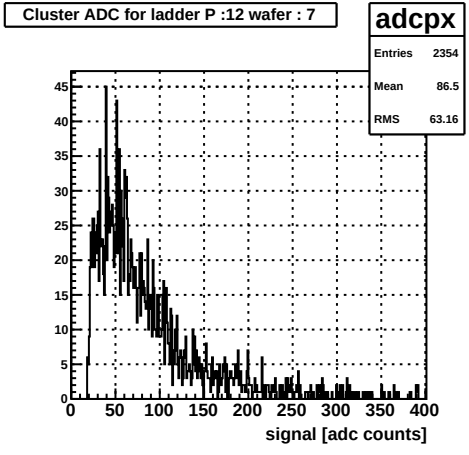

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 2380
Mean 67.4
RMS 55.58
signal [adc counts]

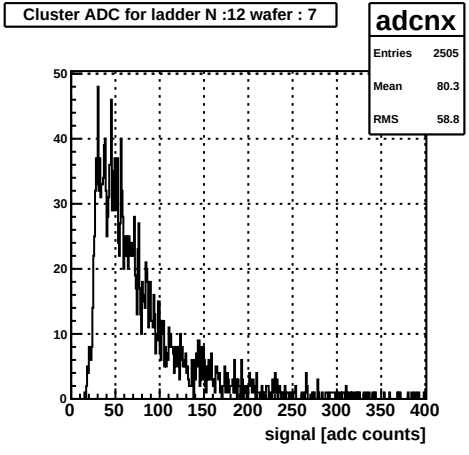

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 2757
Mean 58.08
RMS 50.24
signal [adc counts]

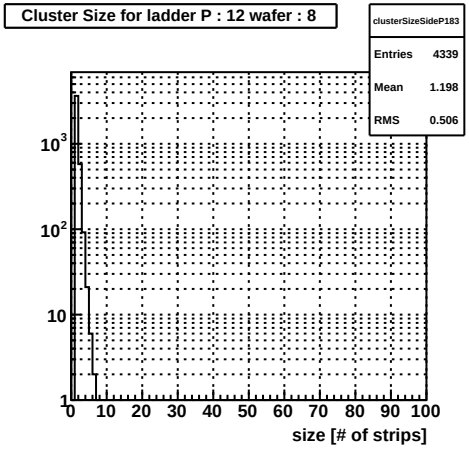

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 2354
Mean 1.402
RMS 0.7368
size [# of strips]

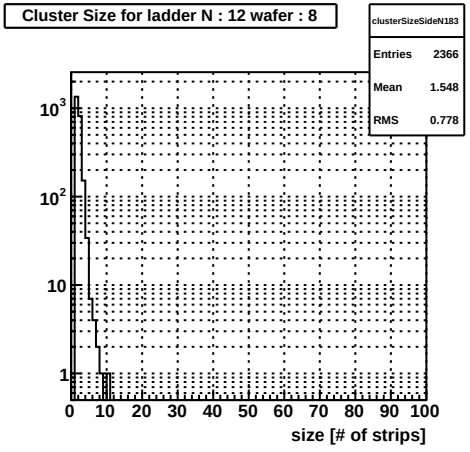

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 2505
Mean 1.473
RMS 0.7775
size [# of strips]

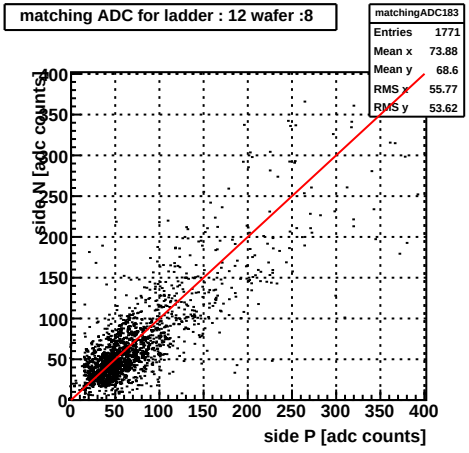

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 2009
Mean x 84.16
Mean y 81.03
RMS x 61.49
RMS y 58.51
side N [adc counts]
side P [adc counts]

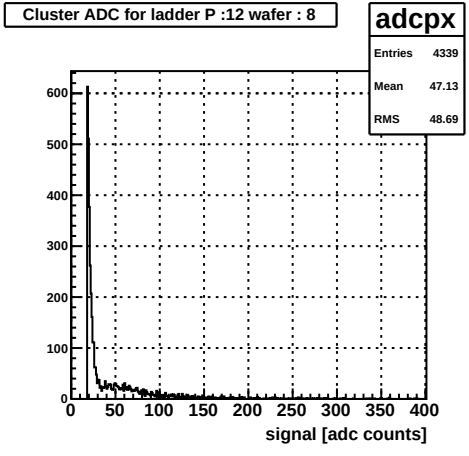

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 2354
Mean 86.5
RMS 63.16
signal [adc counts]

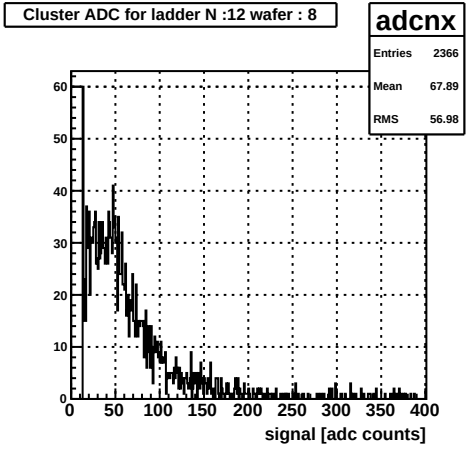

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 2505
Mean 80.3
RMS 58.8
signal [adc counts]

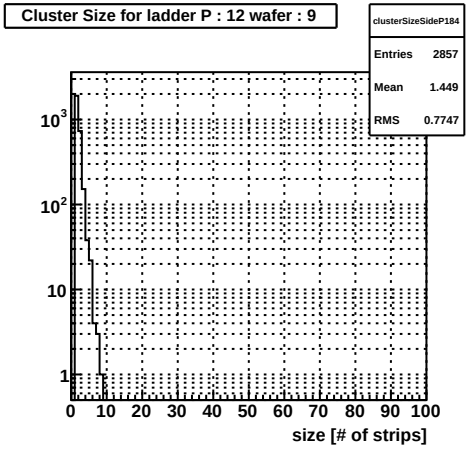

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 4339
Mean 1.198
RMS 0.506
size [# of strips]

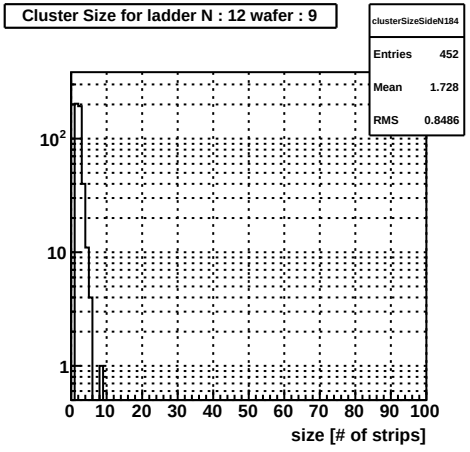

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 2366
Mean 1.548
RMS 0.778
size [# of strips]

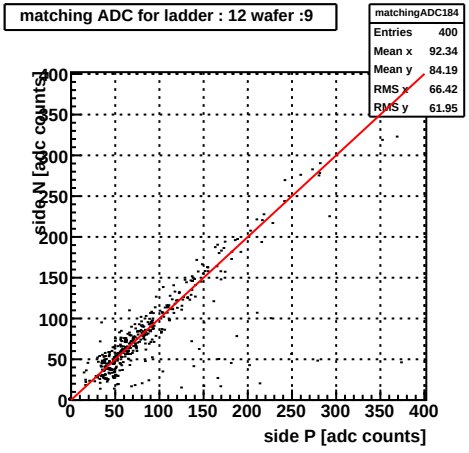

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 1771
Mean x 73.88
Mean y 68.6
RMS x 55.77
RMS y 53.62
side N [adc counts]
side P [adc counts]

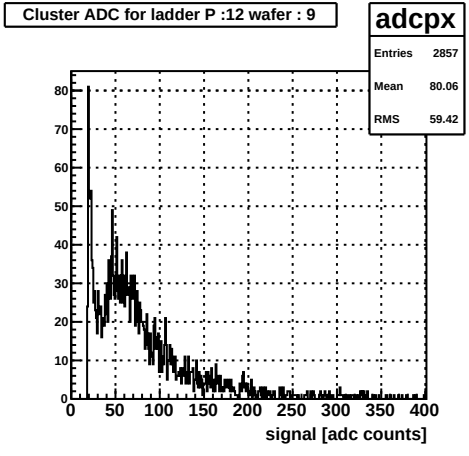

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 4339
Mean 47.13
RMS 48.69
signal [adc counts]

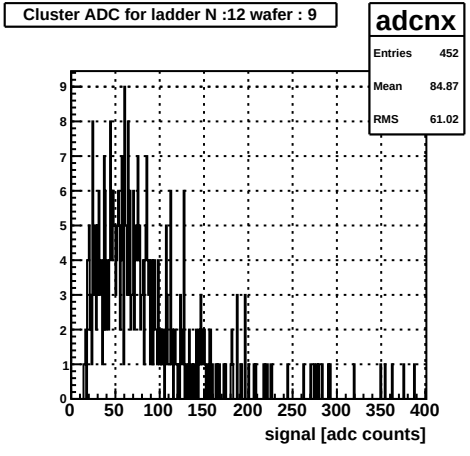

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 2366
Mean 67.89
RMS 56.98
signal [adc counts]

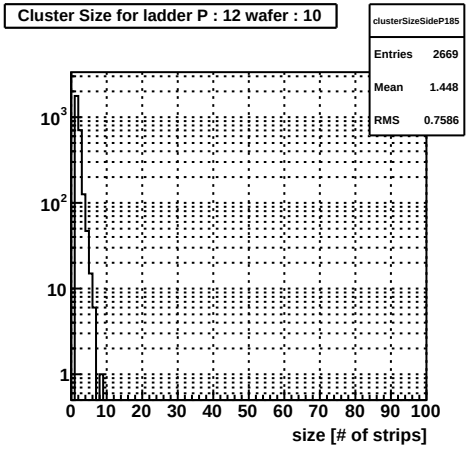

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 2857
Mean 1.449
RMS 0.7747
size [# of strips]

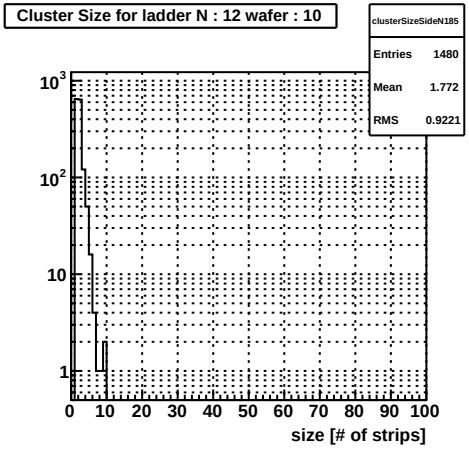

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 452
Mean 1.728
RMS 0.8486
size [# of strips]

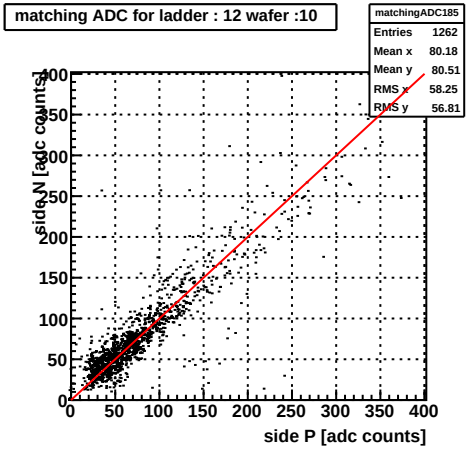

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 400
Mean x 92.34
Mean y 84.19
RMS x 66.42
RMS y 61.95
side N [adc counts]
side P [adc counts]

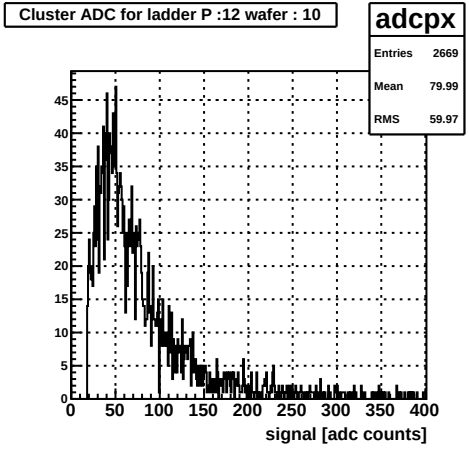

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 2857
Mean 80.06
RMS 59.42
signal [adc counts]

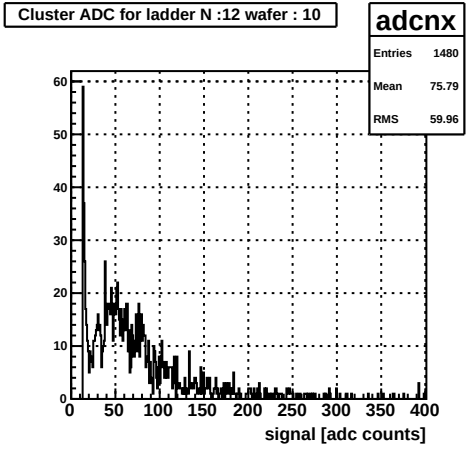

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 452
Mean 84.87
RMS 61.02
signal [adc counts]

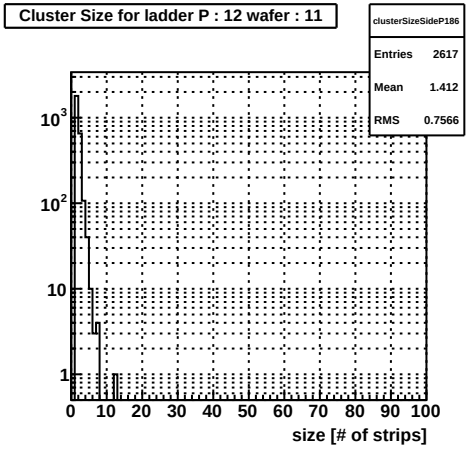

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2669
Mean 1.448
RMS 0.7586
size [# of strips]

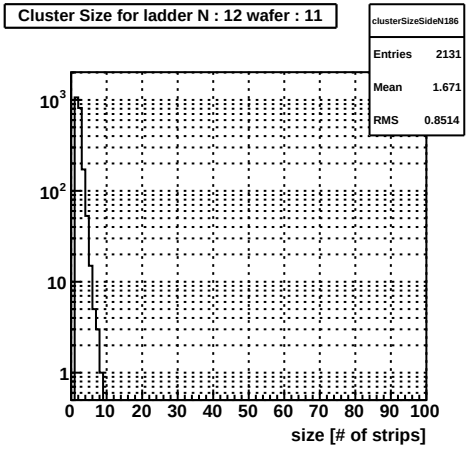

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 1480
Mean 1.772
RMS 0.9221
size [# of strips]

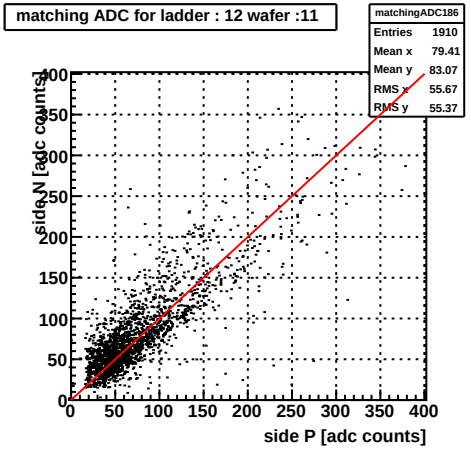

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1262
Mean x 80.18
Mean y 80.51
RMS x 58.25
RMS y 56.81
side N [adc counts]
side P [adc counts]

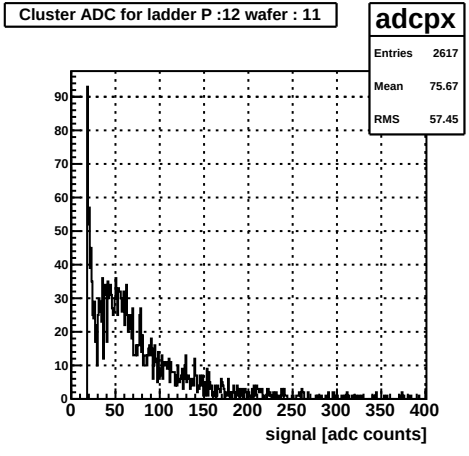

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2669
Mean 79.99
RMS 59.97
signal [adc counts]

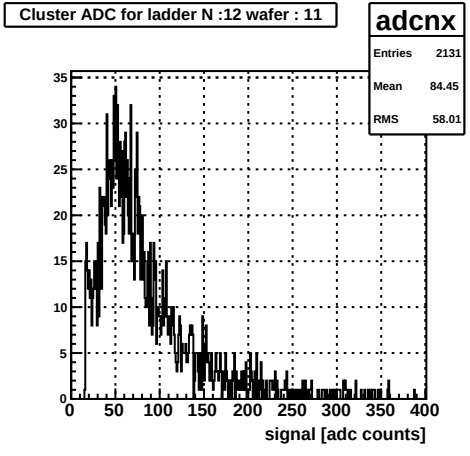

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 1480
Mean 75.79
RMS 59.96
signal [adc counts]

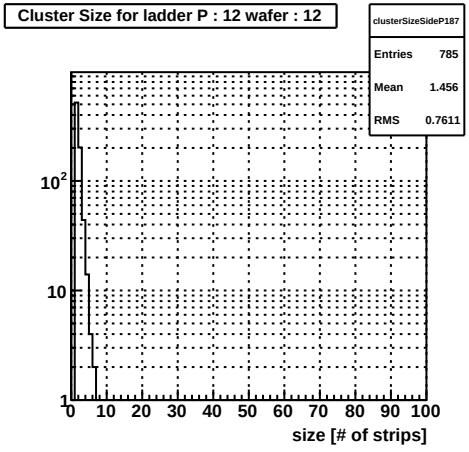

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 2617
Mean 1.412
RMS 0.7566
size [# of strips]

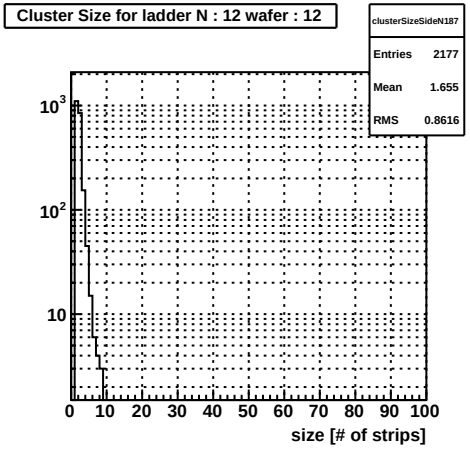

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2131
Mean 1.671
RMS 0.8514
size [# of strips]

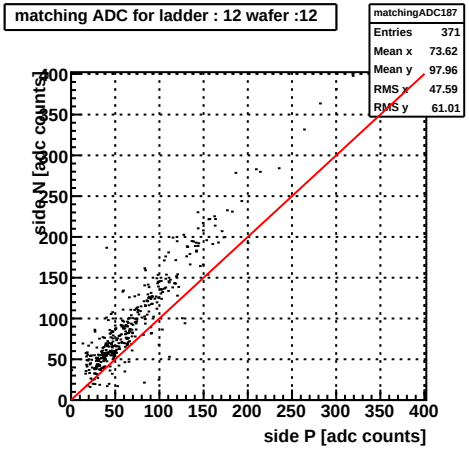

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1910
Mean x 79.41
Mean y 83.07
RMS x 55.67
RMS y 55.37
side N [adc counts]
side P [adc counts]

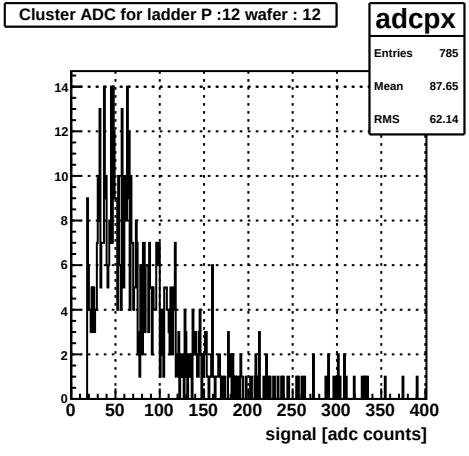

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 2617
Mean 75.67
RMS 57.45
signal [adc counts]

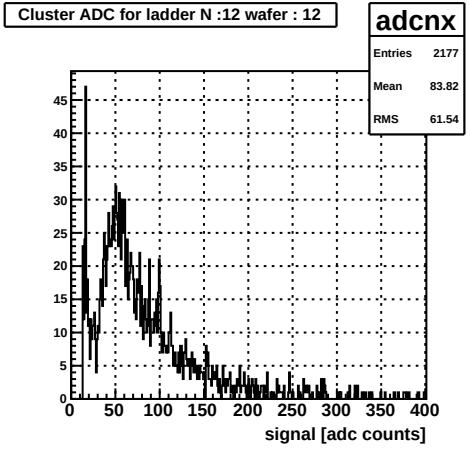

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2131
Mean 84.45
RMS 58.01
signal [adc counts]

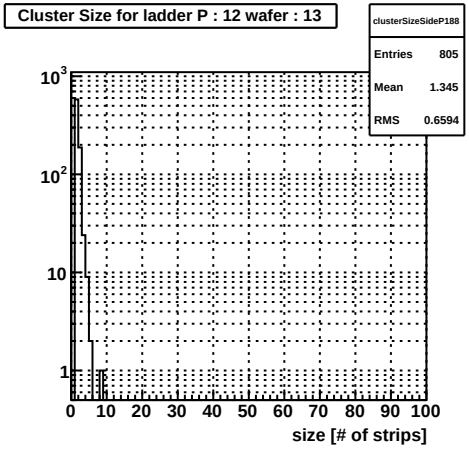

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 785
Mean 1.456
RMS 0.7611
size [# of strips]

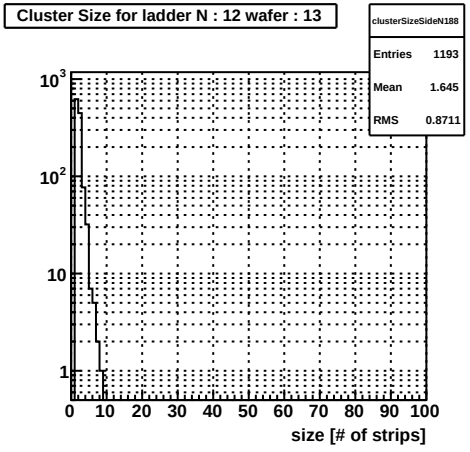

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 2177
Mean 1.655
RMS 0.8616
size [# of strips]

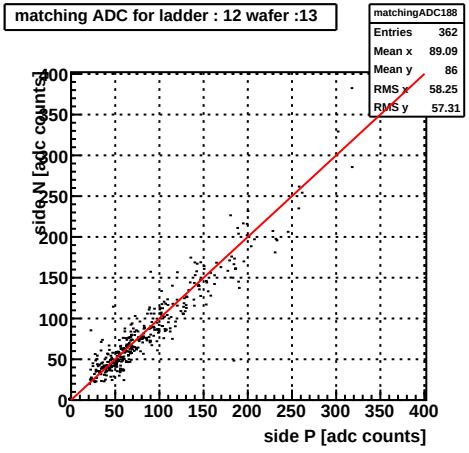

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 371
Mean x 73.62
Mean y 97.96
RMS x 47.59
RMS y 61.01
side N [adc counts]
side P [adc counts]

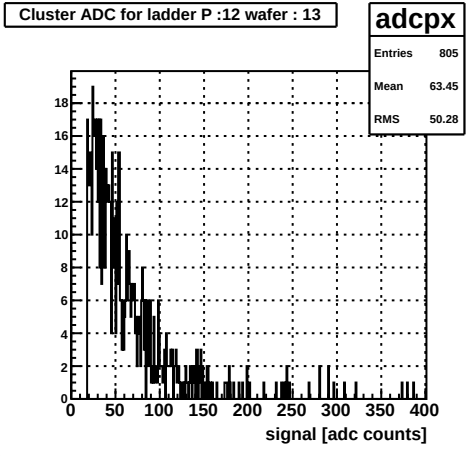

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 785
Mean 87.65
RMS 62.14
signal [adc counts]

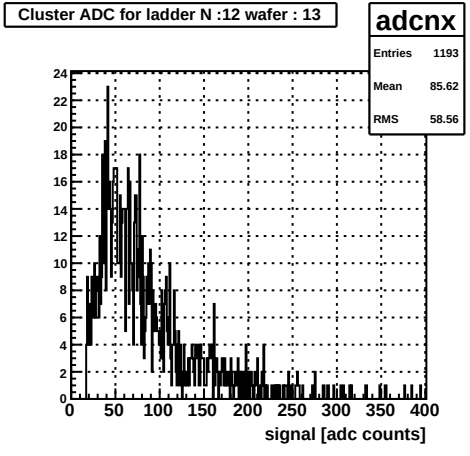

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 2177
Mean 83.82
RMS 61.54
signal [adc counts]

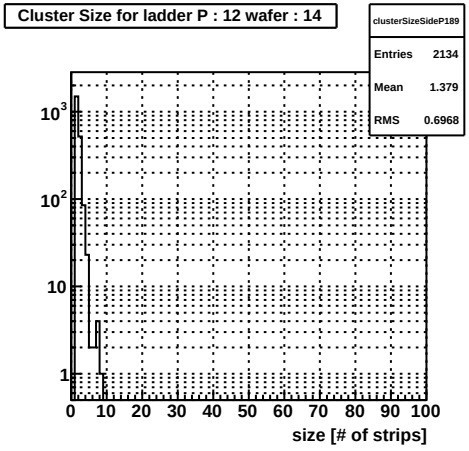

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 805
Mean 1.345
RMS 0.6594
size [# of strips]

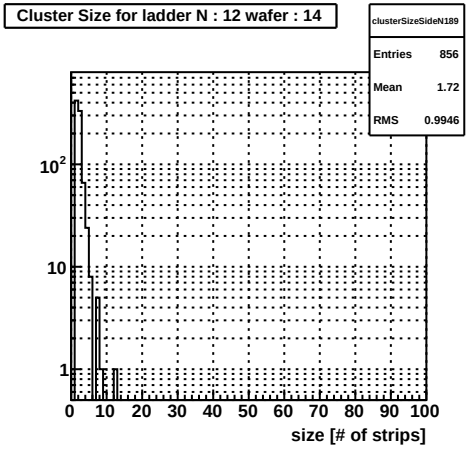

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 1193
Mean 1.645
RMS 0.8711
size [# of strips]

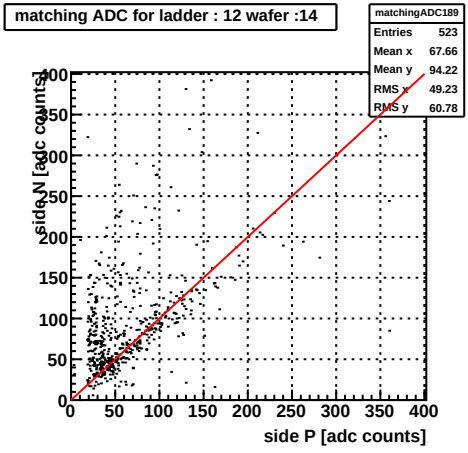

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 362
Mean x 89.09
Mean y 86
RMS x 58.25
RMS y 57.31
side N [adc counts]
side P [adc counts]

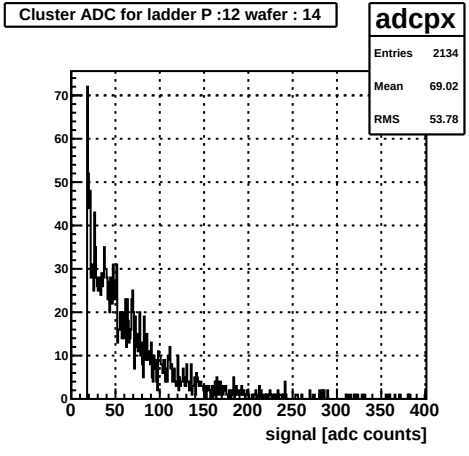

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 805
Mean 63.45
RMS 50.28
signal [adc counts]

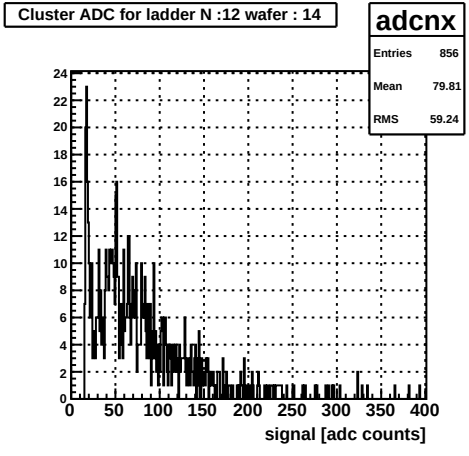

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 1193
Mean 85.62
RMS 58.56
signal [adc counts]

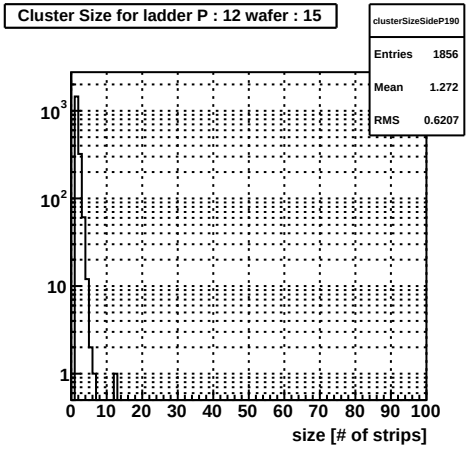

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 2134
Mean 1.379
RMS 0.6968
size [# of strips]

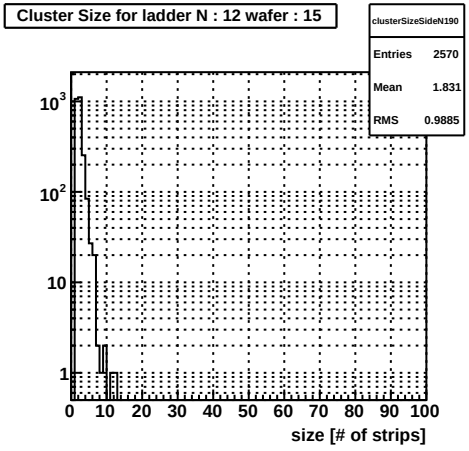

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 856
Mean 1.72
RMS 0.9946
size [# of strips]

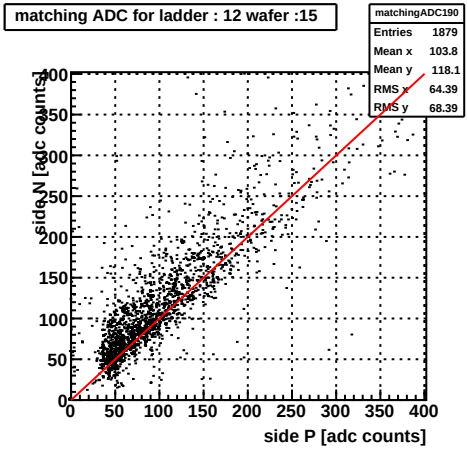

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 523
Mean x 67.66
Mean y 94.22
RMS x 49.23
RMS y 60.78
side N [adc counts]
side P [adc counts]

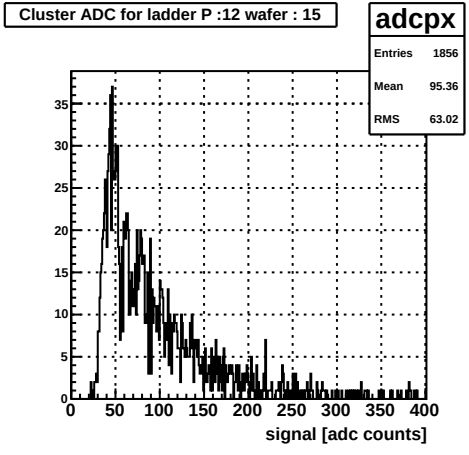

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 2134
Mean 69.02
RMS 53.78
signal [adc counts]

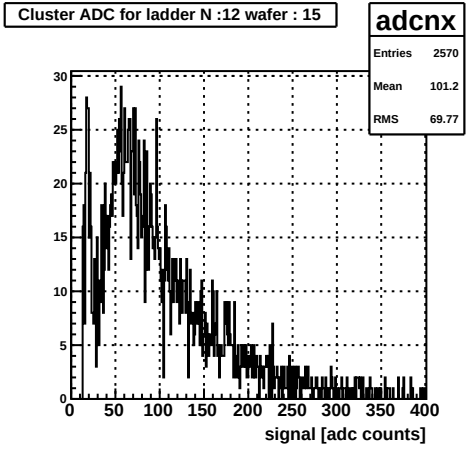

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 856
Mean 79.81
RMS 59.24
signal [adc counts]

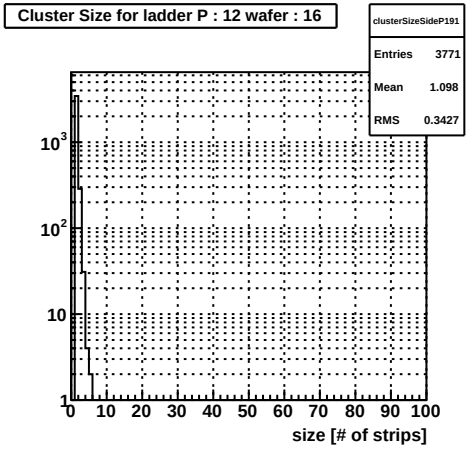

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1856
Mean 1.272
RMS 0.6207
size [# of strips]

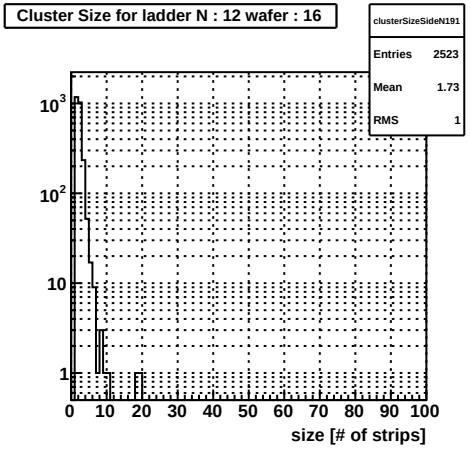

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2570
Mean 1.831
RMS 0.9885
size [# of strips]

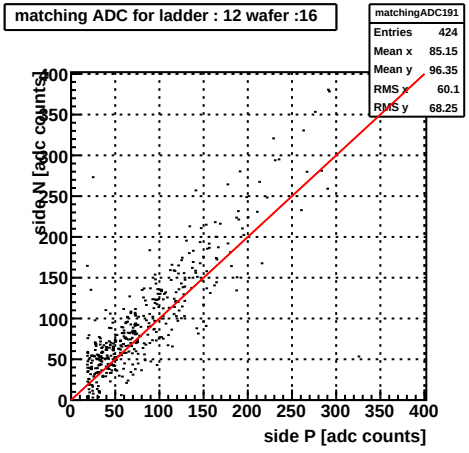

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1879
Mean x 103.8
Mean y 118.1
RMS x 64.39
RMS y 68.39
side N [adc counts]
side P [adc counts]

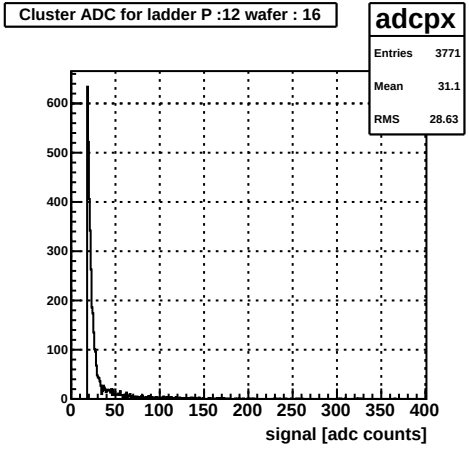

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1856
Mean 95.36
RMS 63.02
signal [adc counts]

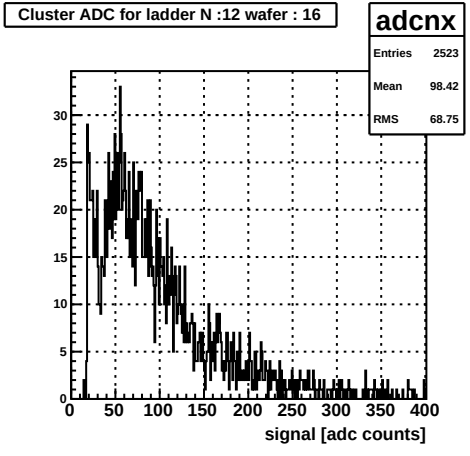

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2570
Mean 101.2
RMS 69.77
signal [adc counts]

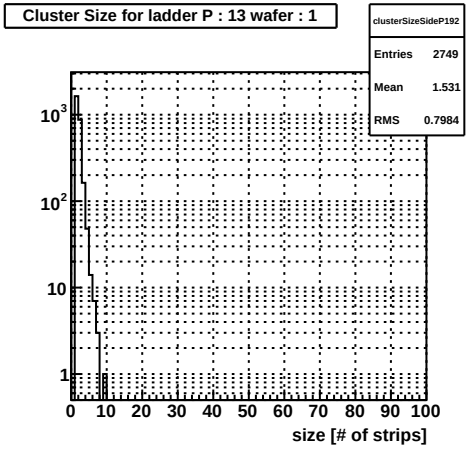

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 3771
Mean 1.098
RMS 0.3427
size [# of strips]

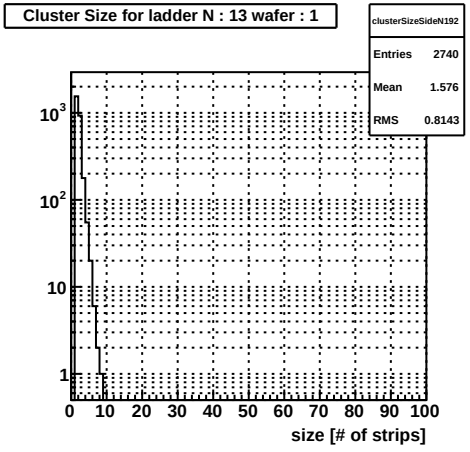

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 2523
Mean 1.73
RMS 1
size [# of strips]

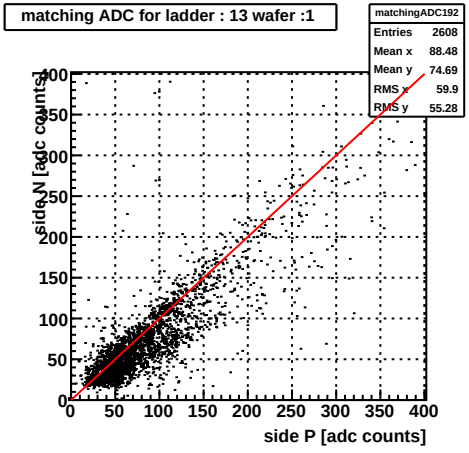

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 424
Mean x 85.15
Mean y 96.35
RMS x 60.1
RMS y 68.25
side N [adc counts]
side P [adc counts]

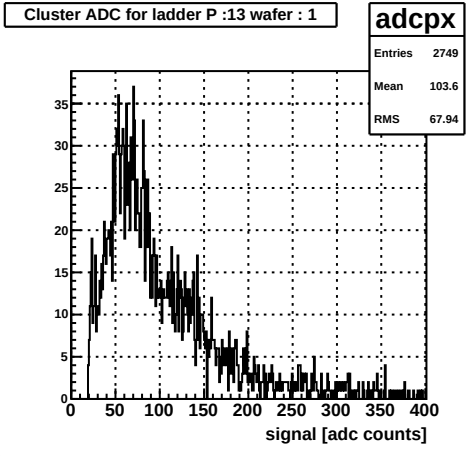

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 3771
Mean 31.1
RMS 28.63
signal [adc counts]

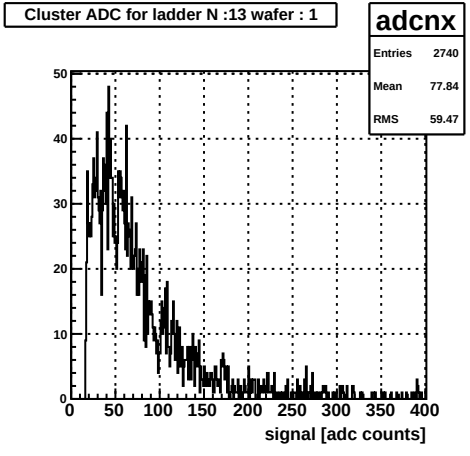

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 2523
Mean 98.42
RMS 68.75
signal [adc counts]

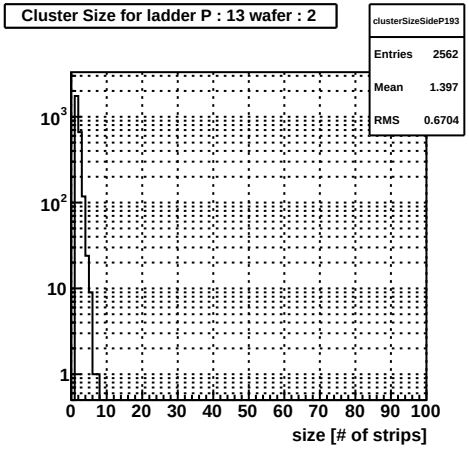

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2749
Mean 1.531
RMS 0.7984
size [# of strips]

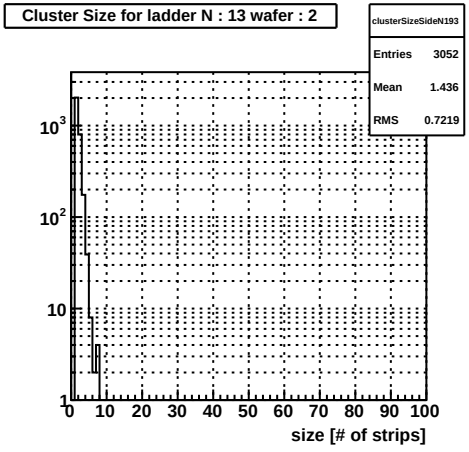

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 2740
Mean 1.576
RMS 0.8143
size [# of strips]

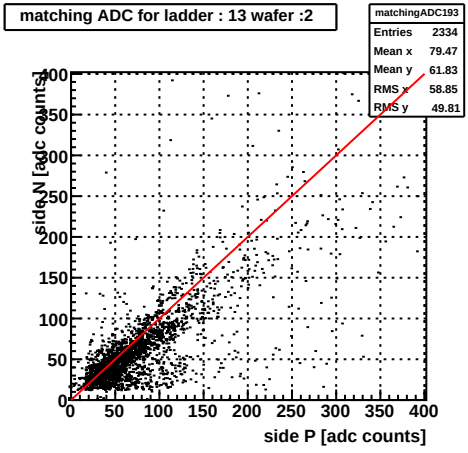

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 2608
Mean x 88.48
Mean y 74.69
RMS x 59.9
RMS y 55.28
side N [adc counts]
side P [adc counts]

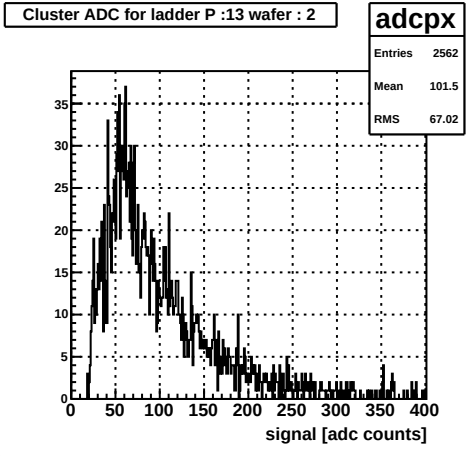

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2749
Mean 103.6
RMS 67.94
signal [adc counts]

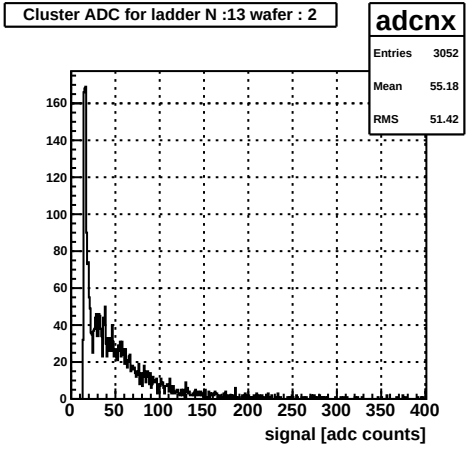

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 2740
Mean 77.84
RMS 59.47
signal [adc counts]

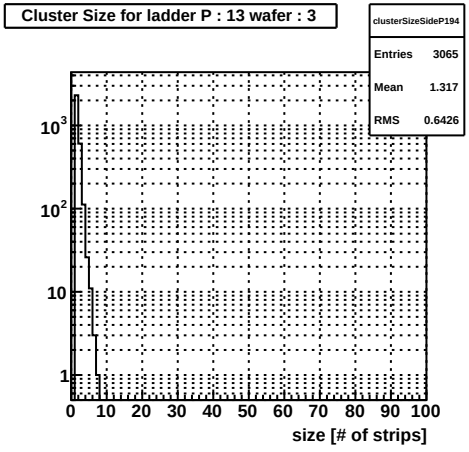

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 2562
Mean 1.397
RMS 0.6704
size [# of strips]

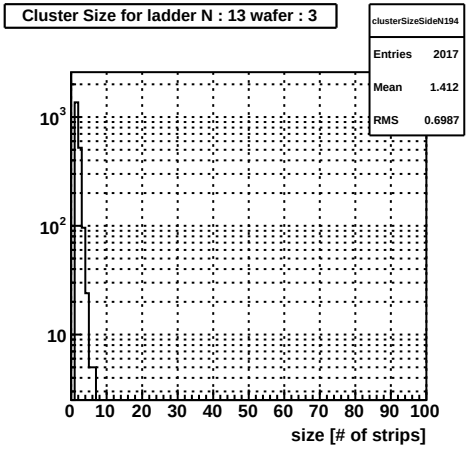

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 3052
Mean 1.436
RMS 0.7219
size [# of strips]

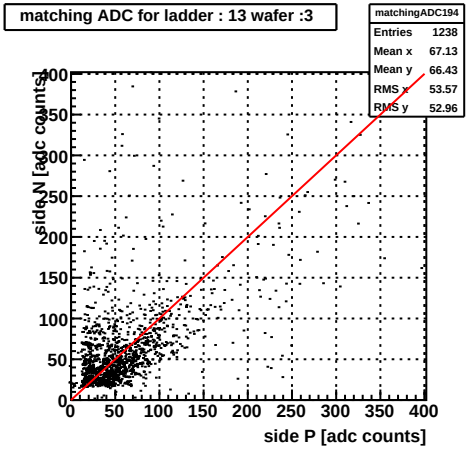

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 2334
Mean x 79.47
Mean y 61.83
RMS x 58.85
RMS y 49.81
side N [adc counts]
side P [adc counts]

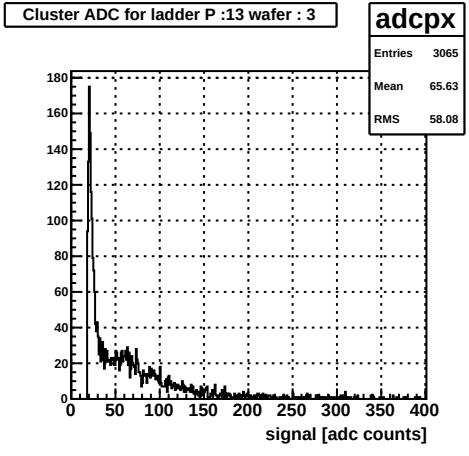

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 2562
Mean 101.5
RMS 67.02
signal [adc counts]

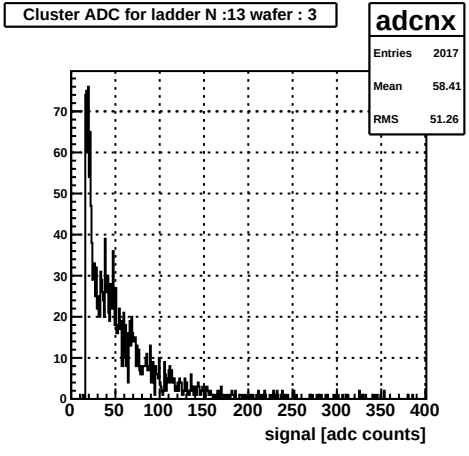

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 3052
Mean 55.18
RMS 51.42
signal [adc counts]

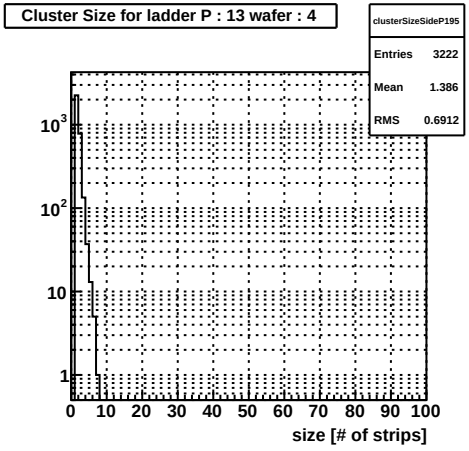

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 3065
Mean 1.317
RMS 0.6426
size [# of strips]

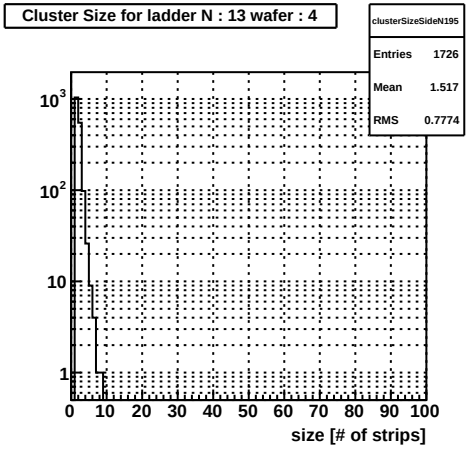

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2017
Mean 1.412
RMS 0.6987
size [# of strips]

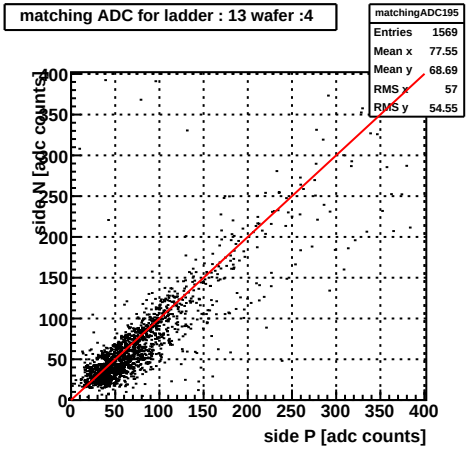

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 1238
Mean x 67.13
Mean y 66.43
RMS x 53.57
RMS y 52.96
side N [adc counts]
side P [adc counts]

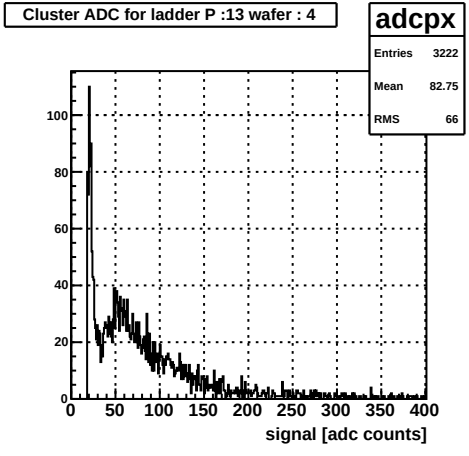

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 3065
Mean 65.63
RMS 58.08
signal [adc counts]

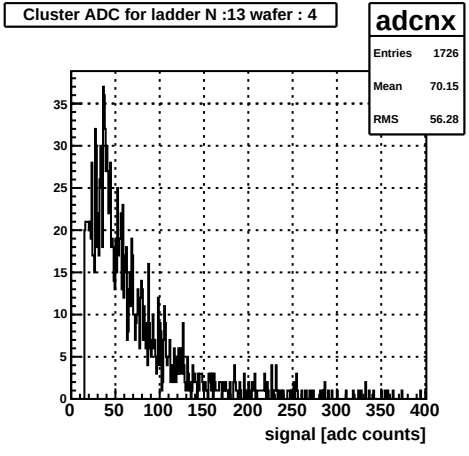

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2017
Mean 58.41
RMS 51.26
signal [adc counts]

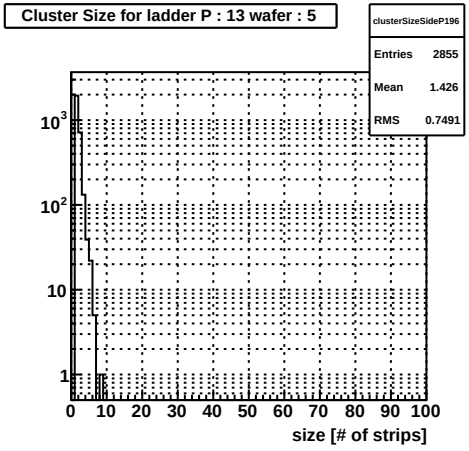

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 3222
Mean 1.386
RMS 0.6912
size [# of strips]

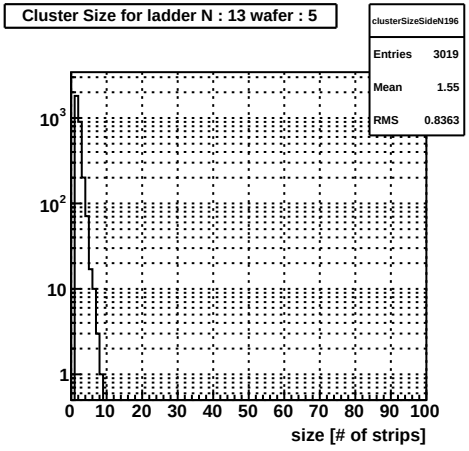

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 1726
Mean 1.517
RMS 0.7774
size [# of strips]

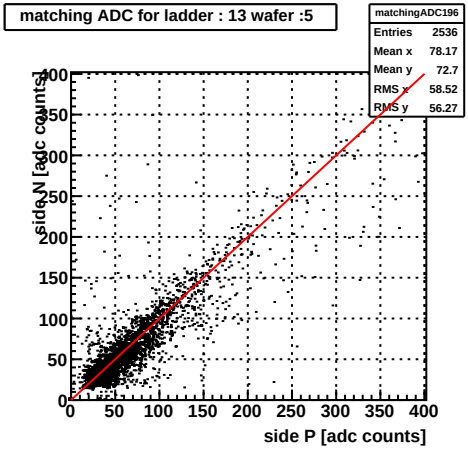

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 1569
Mean x 77.55
Mean y 68.69
RMS x 57
RMS y 54.55
side N [adc counts]
side P [adc counts]

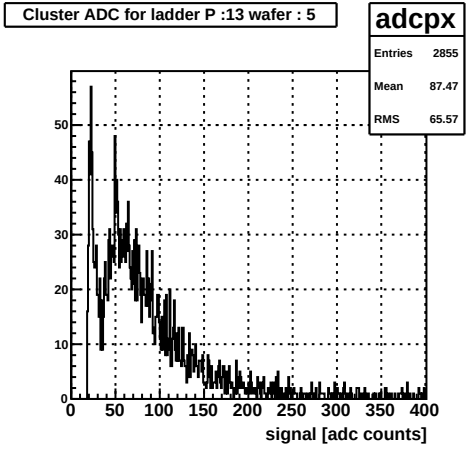

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 3222
Mean 82.75
RMS 66
signal [adc counts]

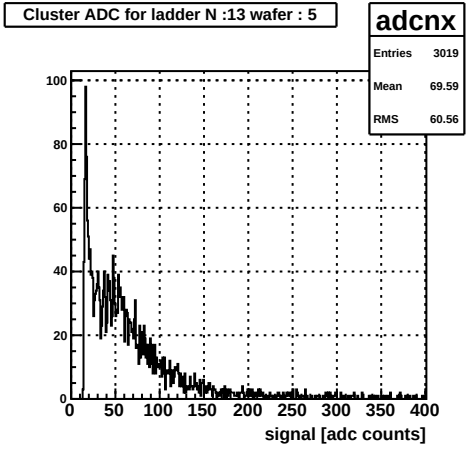

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 1726
Mean 70.15
RMS 56.28
signal [adc counts]

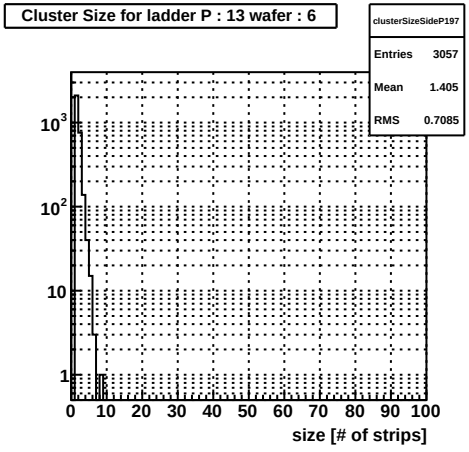

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 2855
Mean 1.426
RMS 0.7491
size [# of strips]

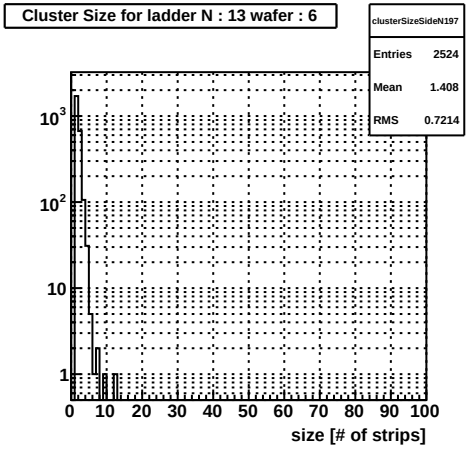

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 3019
Mean 1.55
RMS 0.8363
size [# of strips]

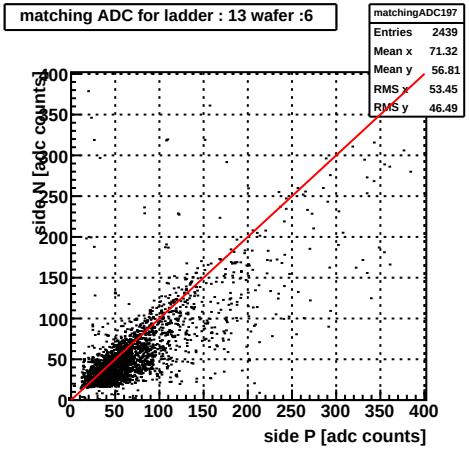

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 2536
Mean x 78.17
Mean y 72.7
RMS x 58.52
RMS y 56.27
side N [adc counts]
side P [adc counts]

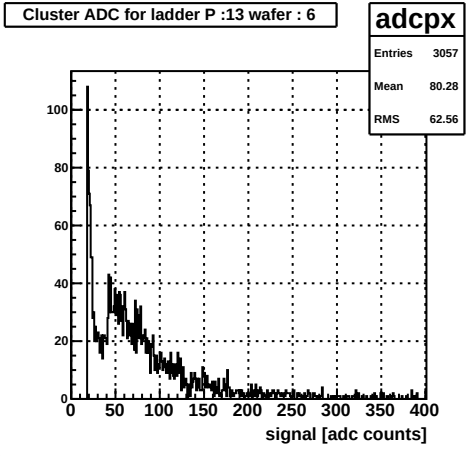

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 2855
Mean 87.47
RMS 65.57
signal [adc counts]

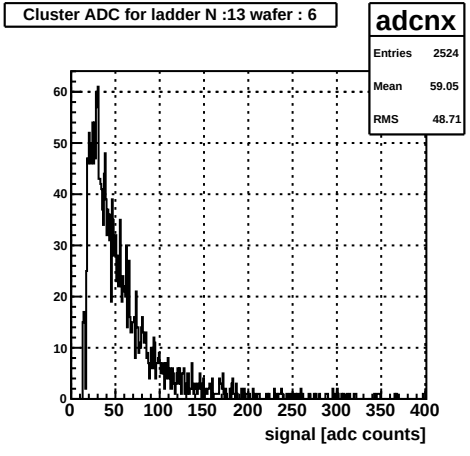

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 3019
Mean 69.59
RMS 60.56
signal [adc counts]

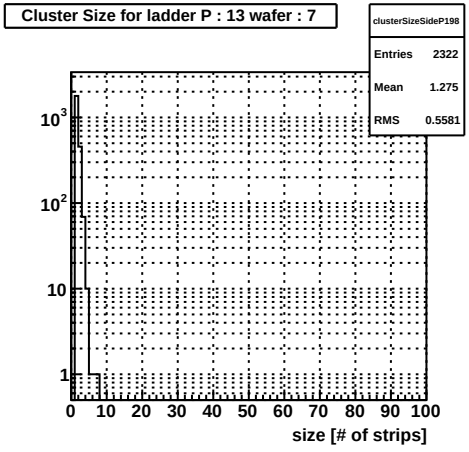

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 3057
Mean 1.405
RMS 0.7085
size [# of strips]

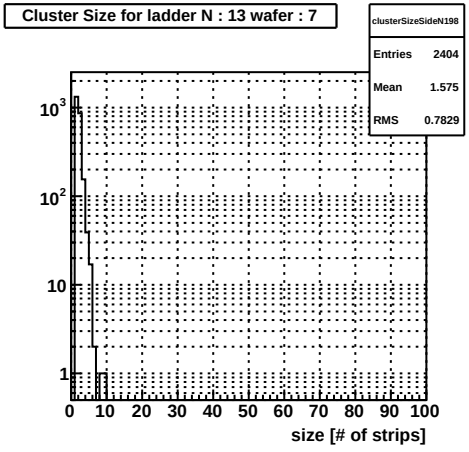

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 2524
Mean 1.408
RMS 0.7214
size [# of strips]

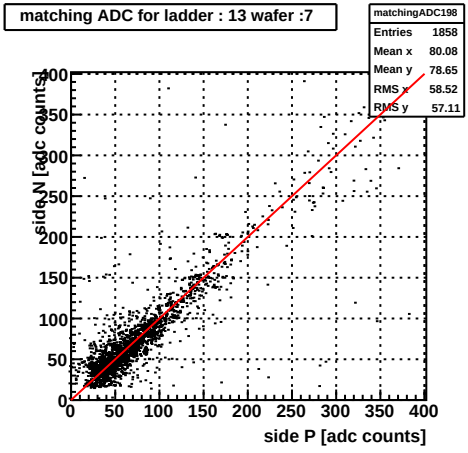

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 2439
Mean x 71.32
Mean y 56.81
RMS x 53.45
RMS y 46.49
side N [adc counts]
side P [adc counts]

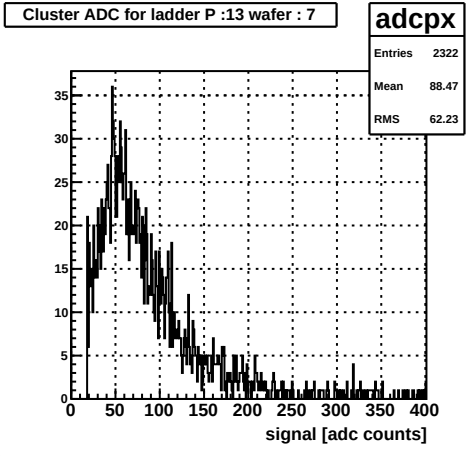

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 3057
Mean 80.28
RMS 62.56
signal [adc counts]

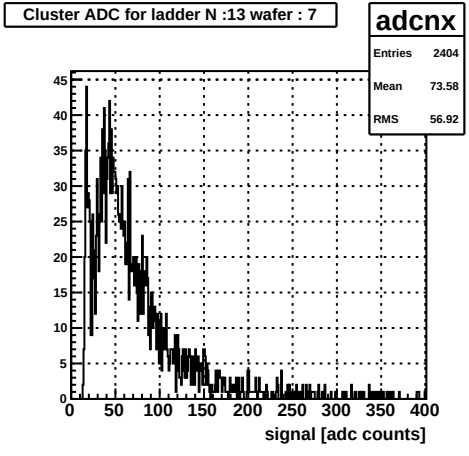

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 2524
Mean 59.05
RMS 48.71
signal [adc counts]

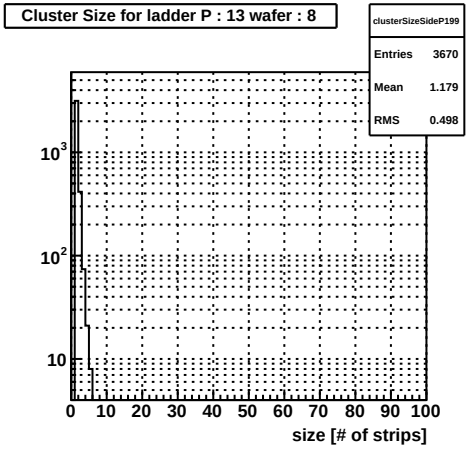

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2322
Mean 1.275
RMS 0.5581
size [# of strips]

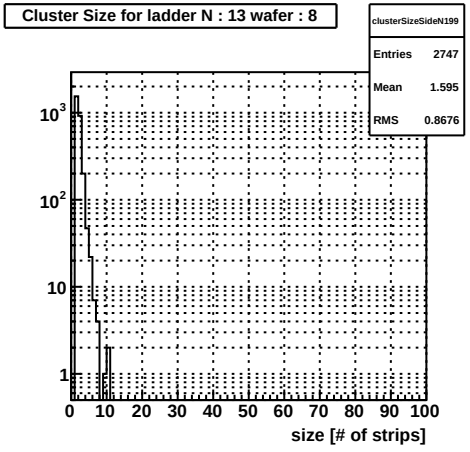

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 2404
Mean 1.575
RMS 0.7829
size [# of strips]

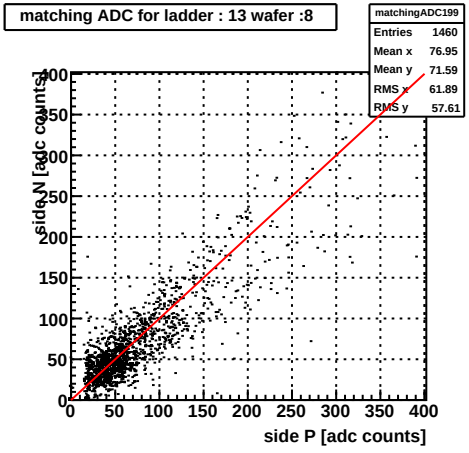

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1858
Mean x 80.08
Mean y 78.65
RMS x 58.52
RMS y 57.11
side N [adc counts]
side P [adc counts]

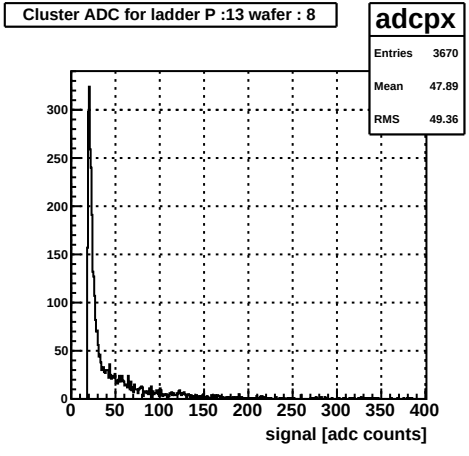

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2322
Mean 88.47
RMS 62.23
signal [adc counts]

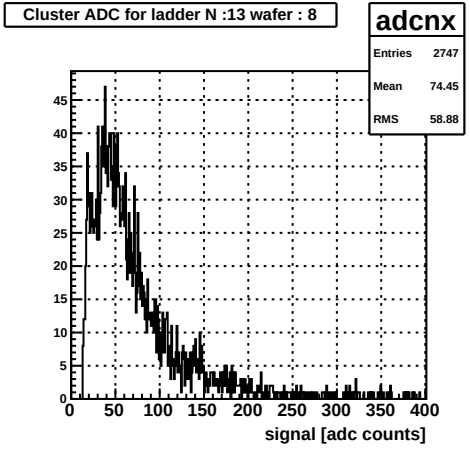

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 2404
Mean 73.58
RMS 56.92
signal [adc counts]

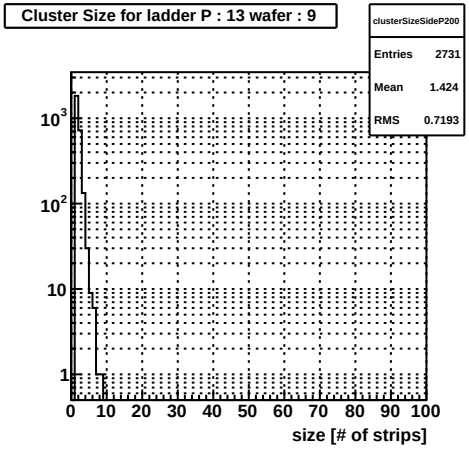

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 3670
Mean 1.179
RMS 0.498
size [# of strips]

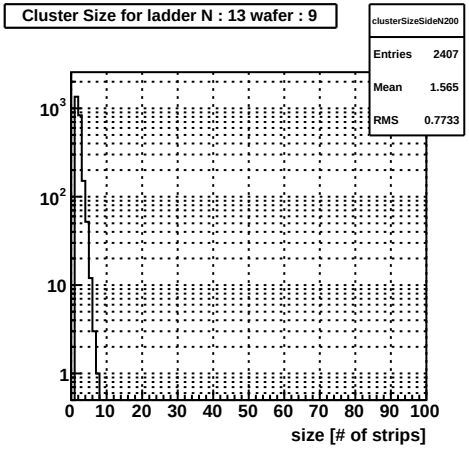

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 2747
Mean 1.595
RMS 0.8676
size [# of strips]

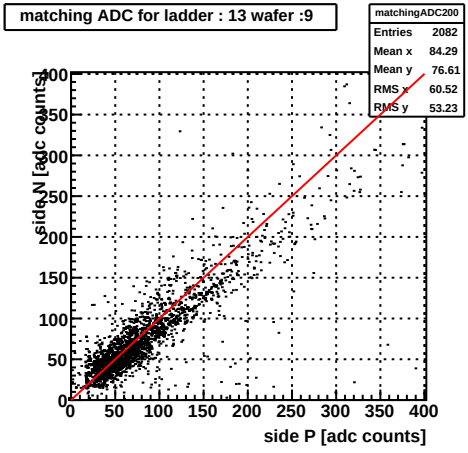

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 1460
Mean x 76.95
Mean y 71.59
RMS x 61.89
RMS y 57.61
side N [adc counts]
side P [adc counts]

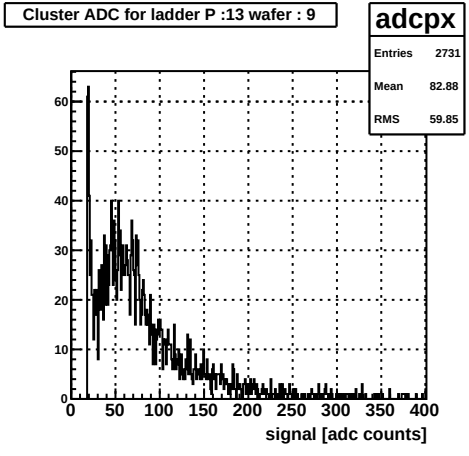

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 3670
Mean 47.89
RMS 49.36
signal [adc counts]

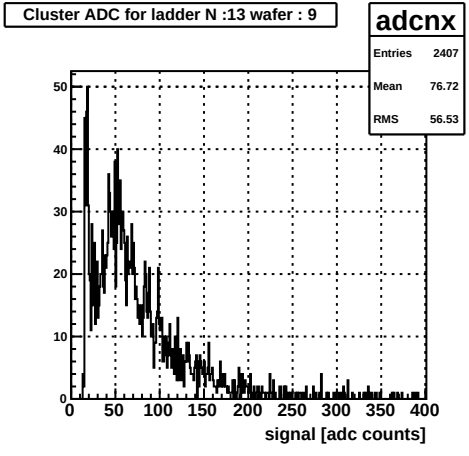

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 2747
Mean 74.45
RMS 58.88
signal [adc counts]

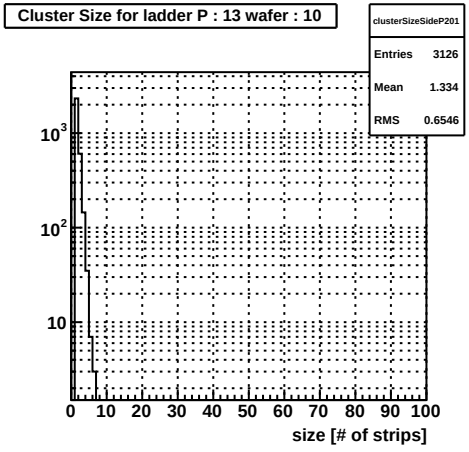

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 2731
Mean 1.424
RMS 0.7193
size [# of strips]

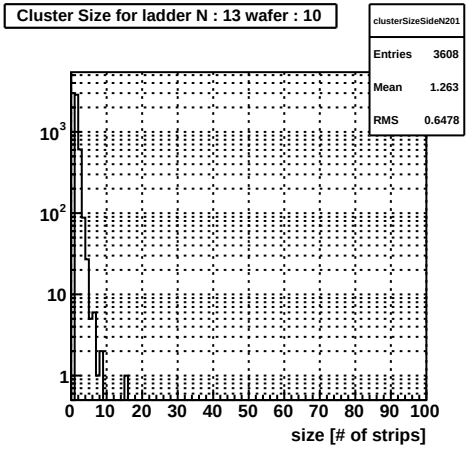

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 2407
Mean 1.565
RMS 0.7733
size [# of strips]

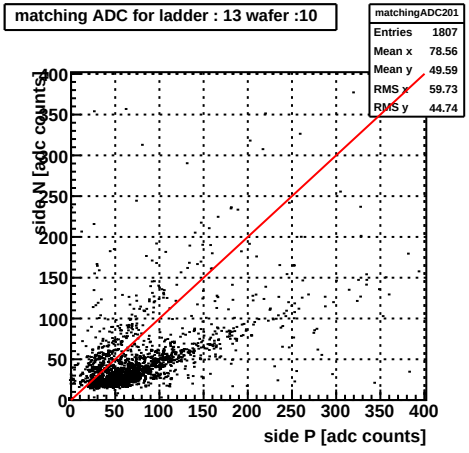

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 2082
Mean x 84.29
Mean y 76.61
RMS x 60.52
RMS y 53.23
side N [adc counts]
side P [adc counts]

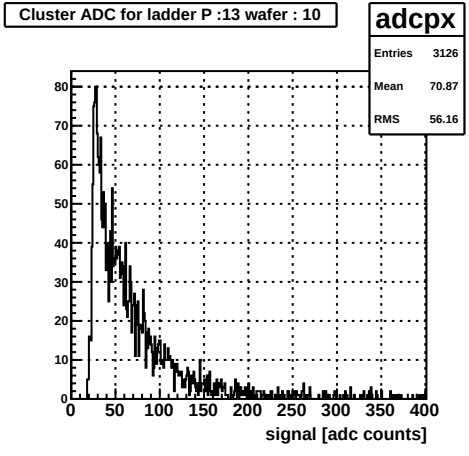

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 2731
Mean 82.88
RMS 59.85
signal [adc counts]

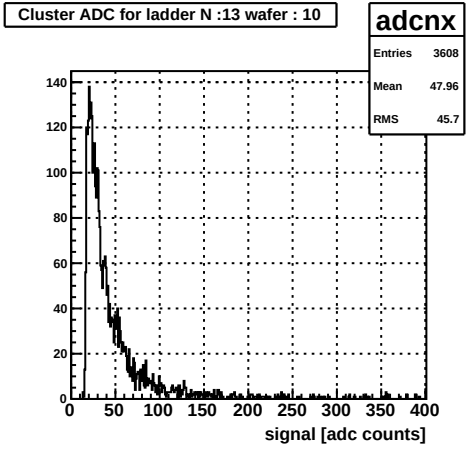

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 2407
Mean 76.72
RMS 56.53
signal [adc counts]

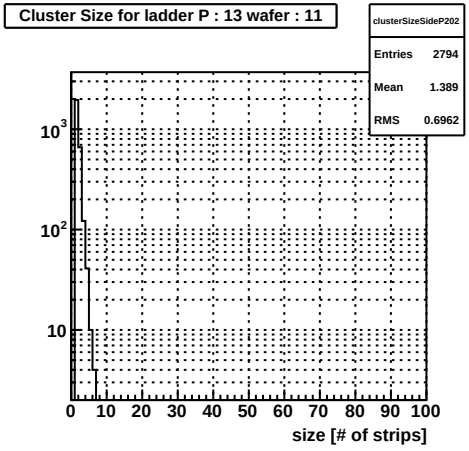

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 3126
Mean 1.334
RMS 0.6546
size [# of strips]

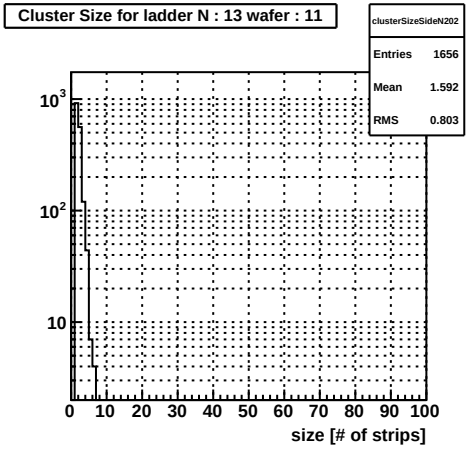

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 3608
Mean 1.263
RMS 0.6478
size [# of strips]

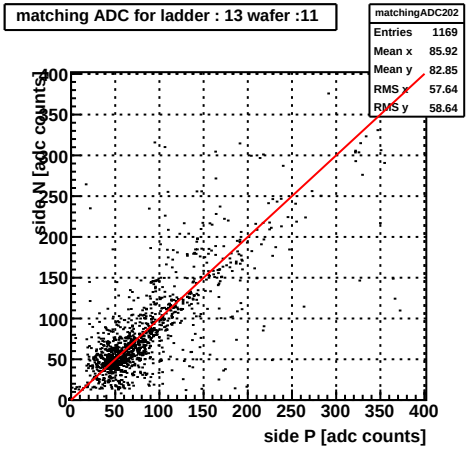

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1807
Mean x 78.56
Mean y 49.59
RMS x 59.73
RMS y 44.74
side N [adc counts]
side P [adc counts]

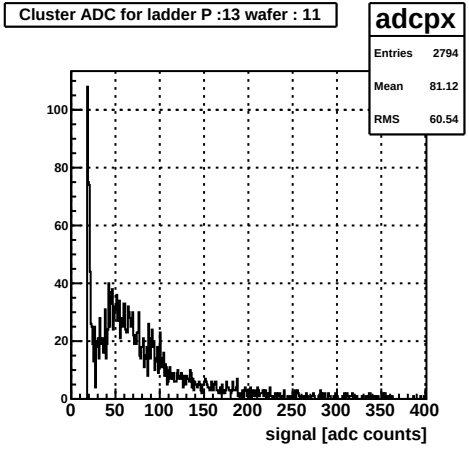

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 3126
Mean 70.87
RMS 56.16
signal [adc counts]

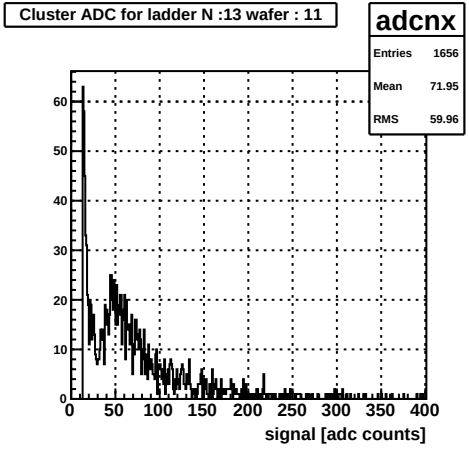

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 3608
Mean 47.96
RMS 45.7
signal [adc counts]

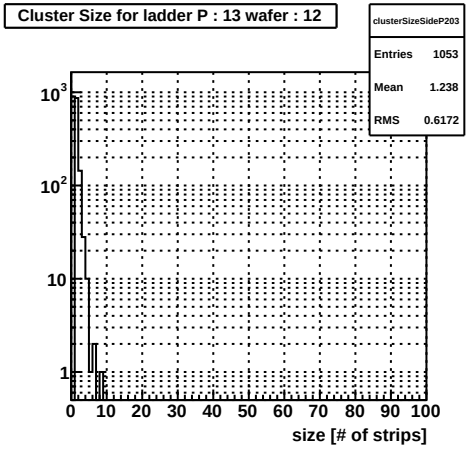

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 2794
Mean 1.389
RMS 0.6962
size [# of strips]

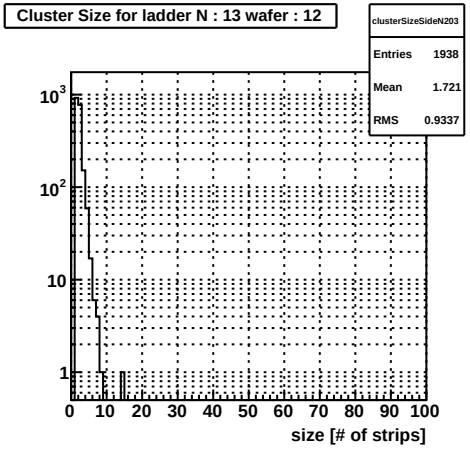

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1656
Mean 1.592
RMS 0.803
size [# of strips]

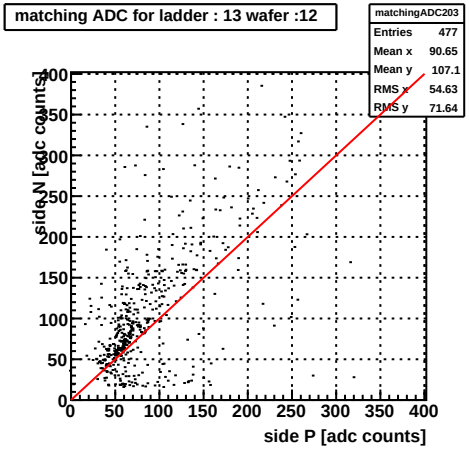

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1169
Mean x 85.92
Mean y 82.85
RMS x 57.64
RMS y 58.64
side N [adc counts]
side P [adc counts]

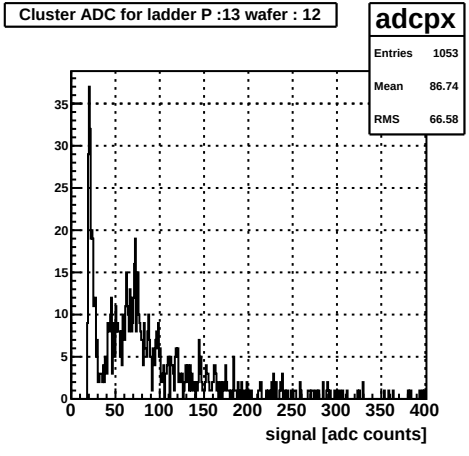

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 2794
Mean 81.12
RMS 60.54
signal [adc counts]

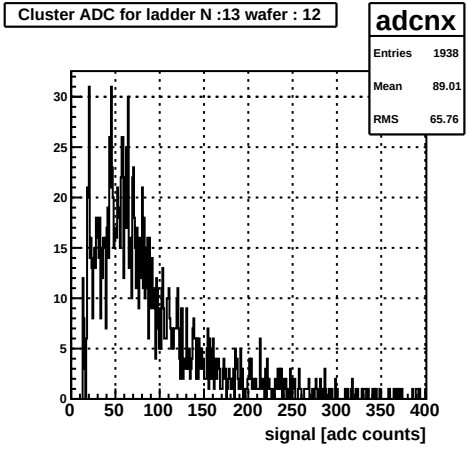

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1656
Mean 71.95
RMS 59.96
signal [adc counts]

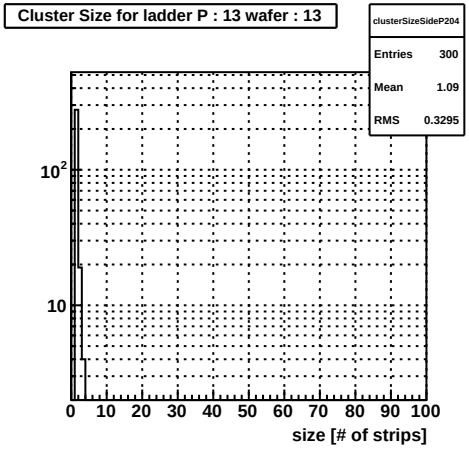

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1053
Mean 1.238
RMS 0.6172
size [# of strips]

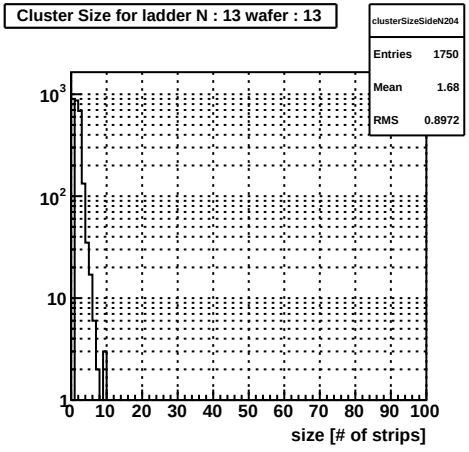

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1938
Mean 1.721
RMS 0.9337
size [# of strips]

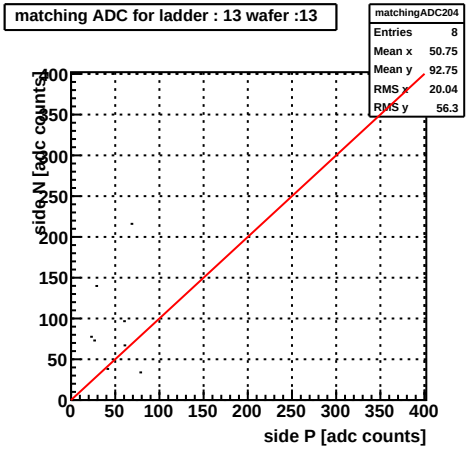

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 477
Mean x 90.65
Mean y 107.1
RMS x 54.63
RMS y 71.64
side N [adc counts]
side P [adc counts]

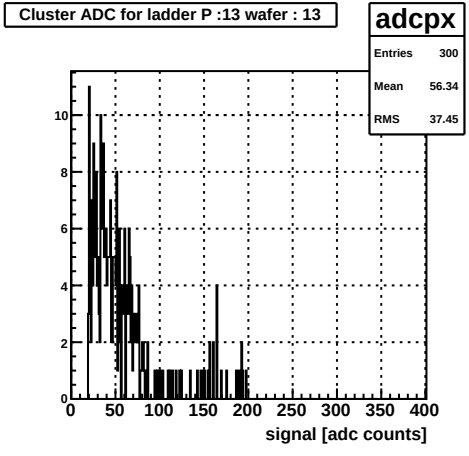

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1053
Mean 86.74
RMS 66.58
signal [adc counts]

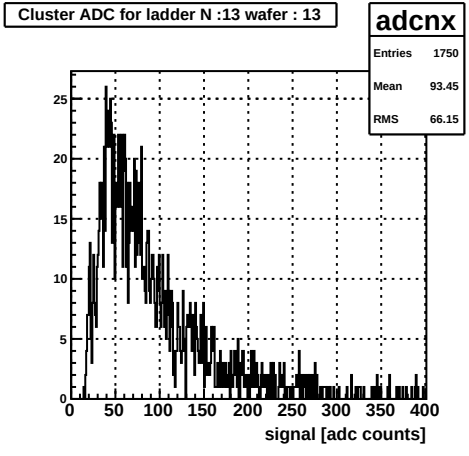

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1938
Mean 89.01
RMS 65.76
signal [adc counts]

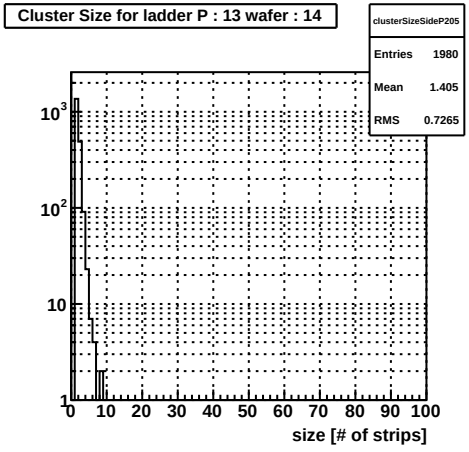

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 300
Mean 1.09
RMS 0.3295
size [# of strips]

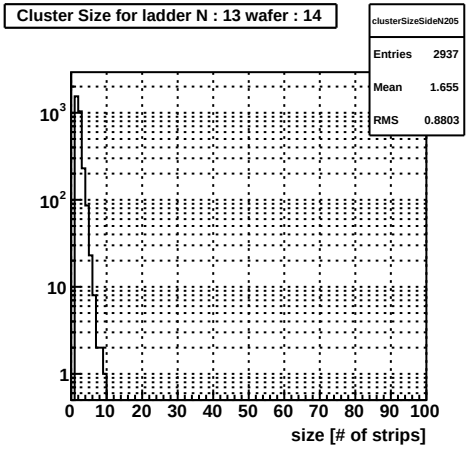

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 1750
Mean 1.68
RMS 0.8972
size [# of strips]

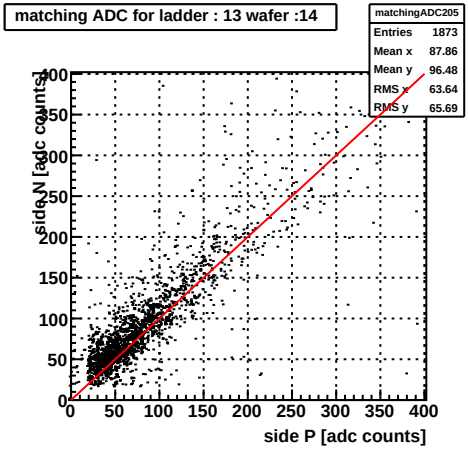

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 8
Mean x 50.75
Mean y 92.75
RMS x 20.04
RMS y 56.3
side N [adc counts]
side P [adc counts]

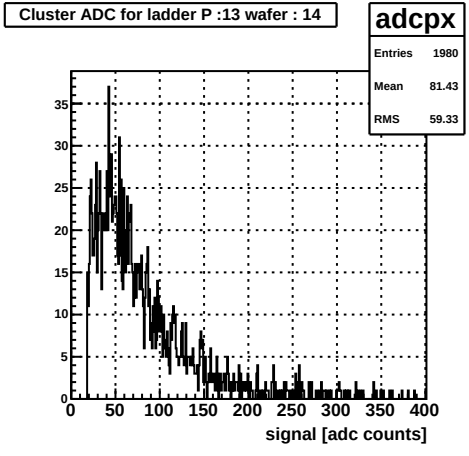

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 300
Mean 56.34
RMS 37.45
signal [adc counts]

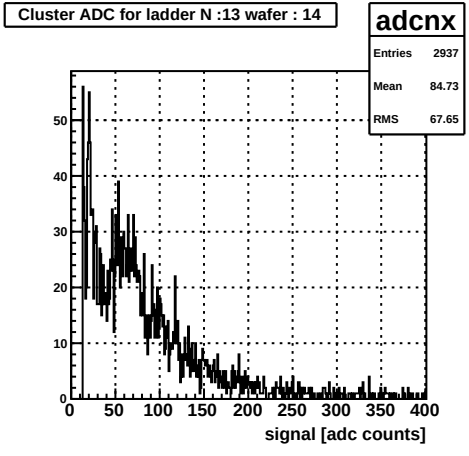

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 1750
Mean 93.45
RMS 66.15
signal [adc counts]

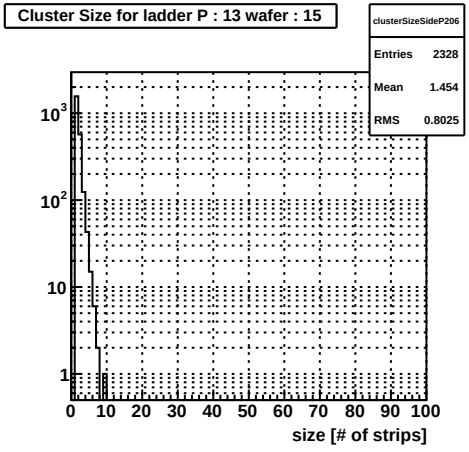

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 1980
Mean 1.405
RMS 0.7265
size [# of strips]

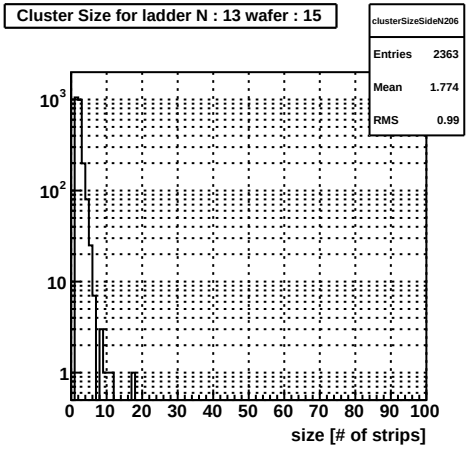

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 2937
Mean 1.655
RMS 0.8803
size [# of strips]

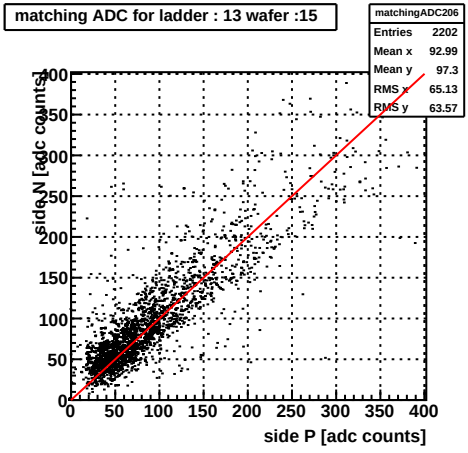

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1873
Mean x 87.86
Mean y 96.48
RMS x 63.64
RMS y 65.69
side N [adc counts]
side P [adc counts]

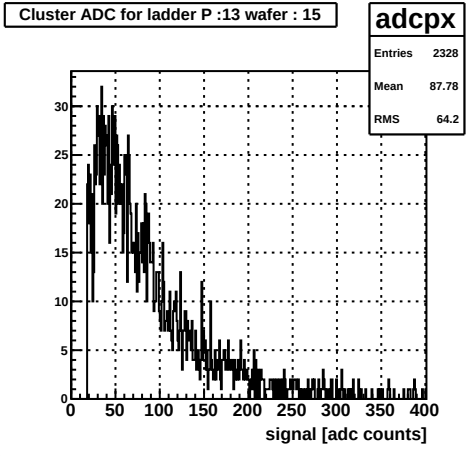

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 1980
Mean 81.43
RMS 59.33
signal [adc counts]

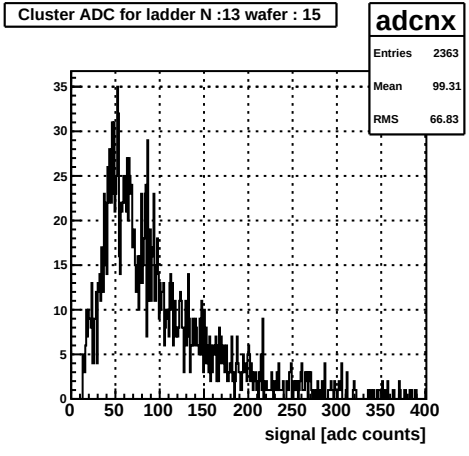

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 2937
Mean 84.73
RMS 67.65
signal [adc counts]

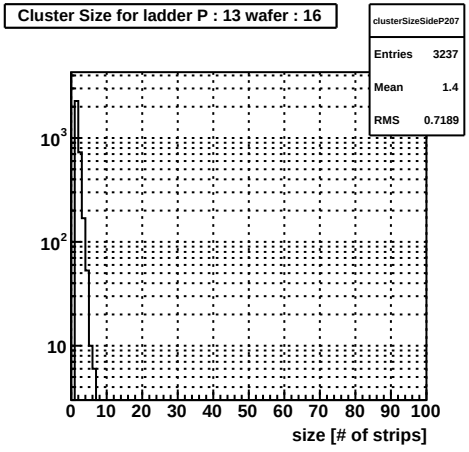

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2328
Mean 1.454
RMS 0.8025
size [# of strips]

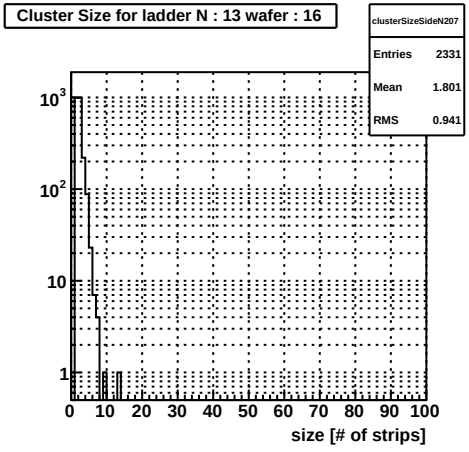

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2363
Mean 1.774
RMS 0.99
size [# of strips]

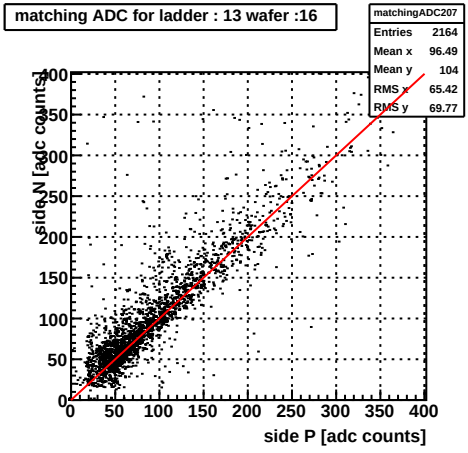

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 2202
Mean x 92.99
Mean y 97.3
RMS x 65.13
RMS y 63.57
side N [adc counts]
side P [adc counts]

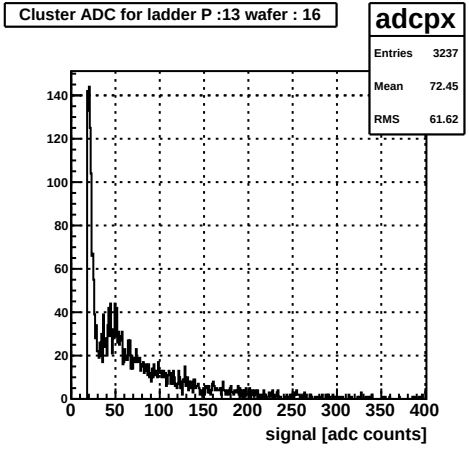

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2328
Mean 87.78
RMS 64.2
signal [adc counts]

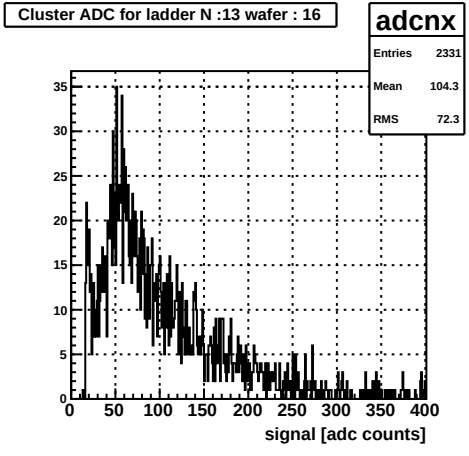

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2363
Mean 99.31
RMS 66.83
signal [adc counts]

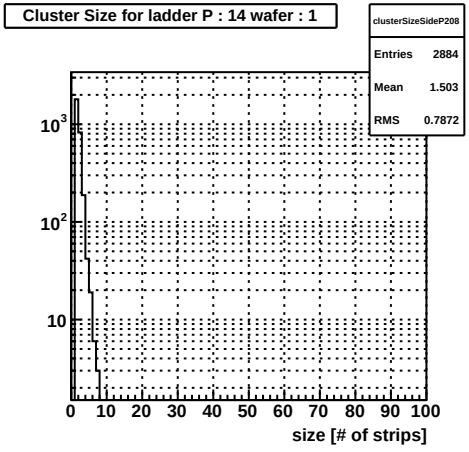

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 3237
Mean 1.4
RMS 0.7189
size [# of strips]

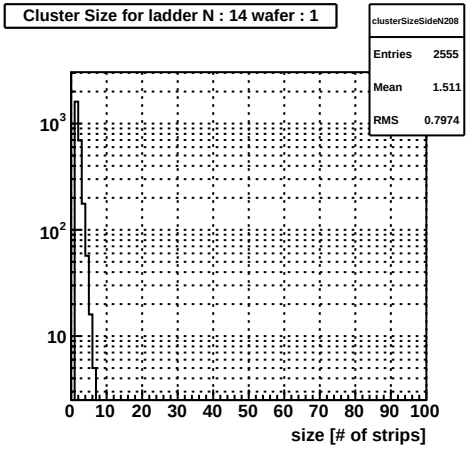

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2331
Mean 1.801
RMS 0.941
size [# of strips]

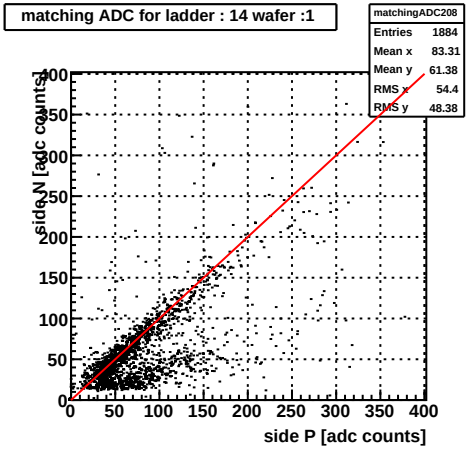

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 2164
Mean x 96.49
Mean y 104
RMS x 65.42
RMS y 69.77
side N [adc counts]
side P [adc counts]

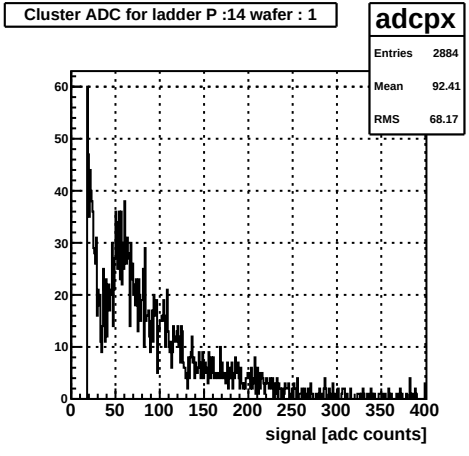

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 3237
Mean 72.45
RMS 61.62
signal [adc counts]

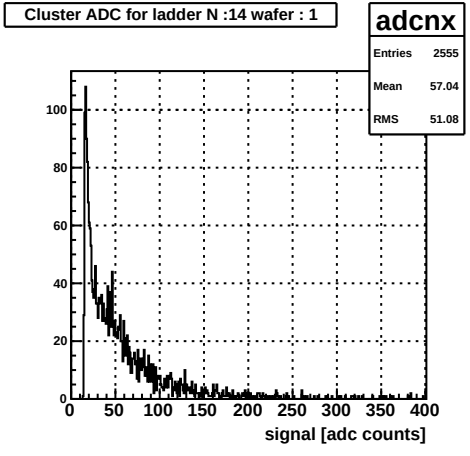

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2331
Mean 104.3
RMS 72.3
signal [adc counts]

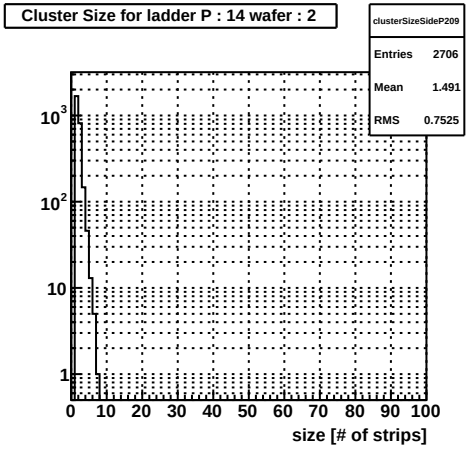

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2884
Mean 1.503
RMS 0.7872
size [# of strips]

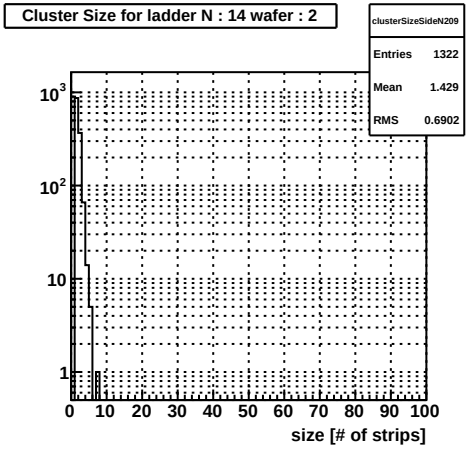

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 2555
Mean 1.511
RMS 0.7974
size [# of strips]

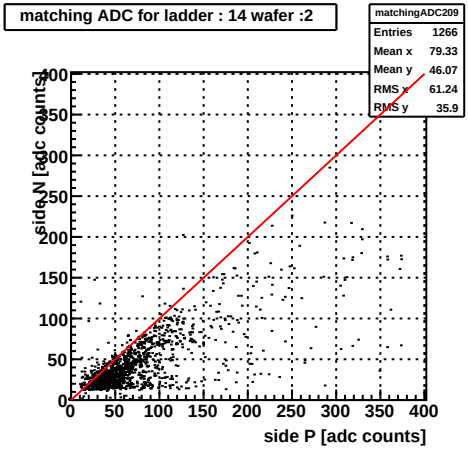

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1884
Mean x 83.31
Mean y 61.38
RMS x 54.4
RMS y 48.38
side N [adc counts]
side P [adc counts]

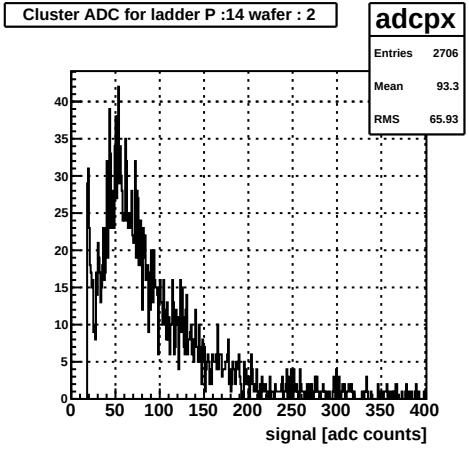

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2884
Mean 92.41
RMS 68.17
signal [adc counts]

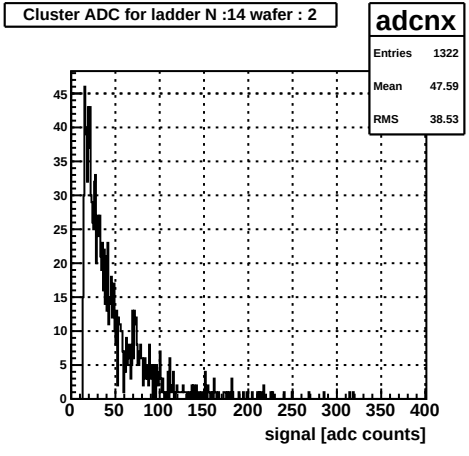

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 2555
Mean 57.04
RMS 51.08
signal [adc counts]

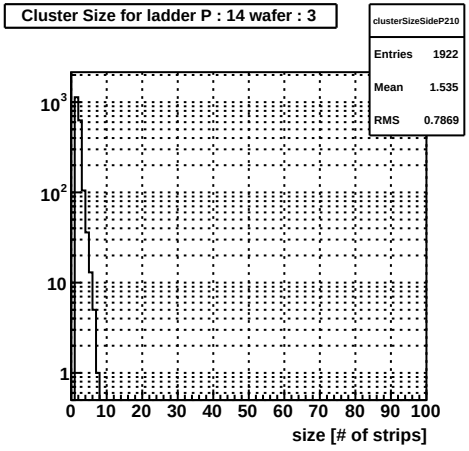

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 2706
Mean 1.491
RMS 0.7525
size [# of strips]

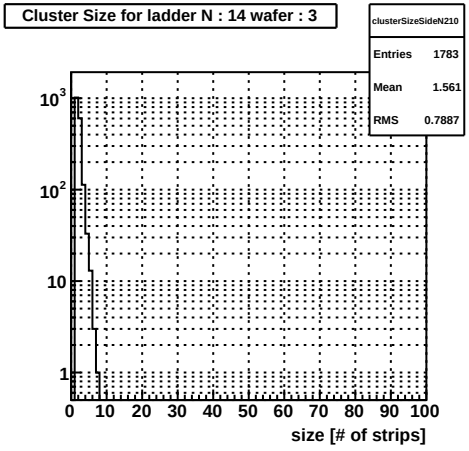

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1322
Mean 1.429
RMS 0.6902
size [# of strips]

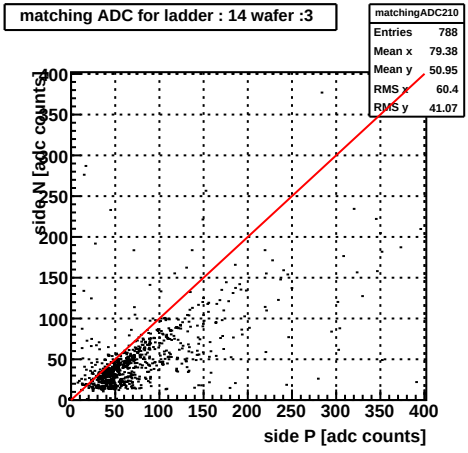

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 1266
Mean x 79.33
Mean y 46.07
RMS x 61.24
RMS y 35.9
side N [adc counts]
side P [adc counts]

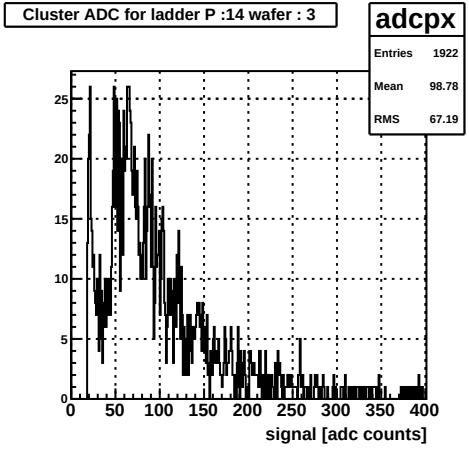

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 2706
Mean 93.3
RMS 65.93
signal [adc counts]

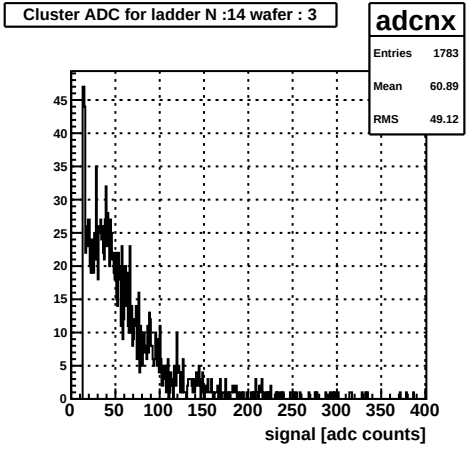

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1322
Mean 47.59
RMS 38.53
signal [adc counts]

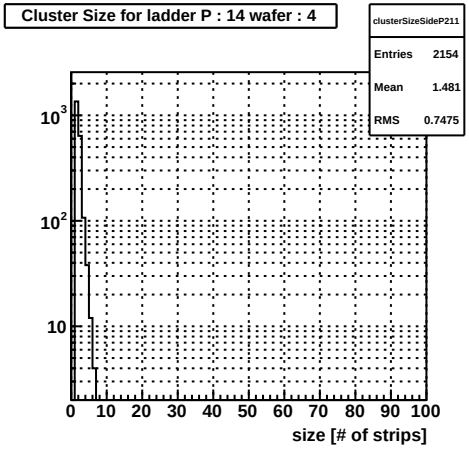

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1922
Mean 1.535
RMS 0.7869
size [# of strips]

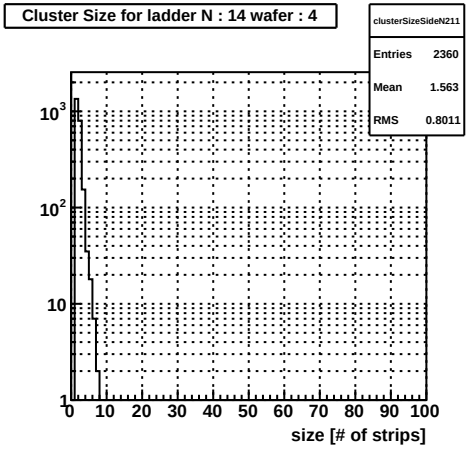

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1783
Mean 1.561
RMS 0.7887
size [# of strips]

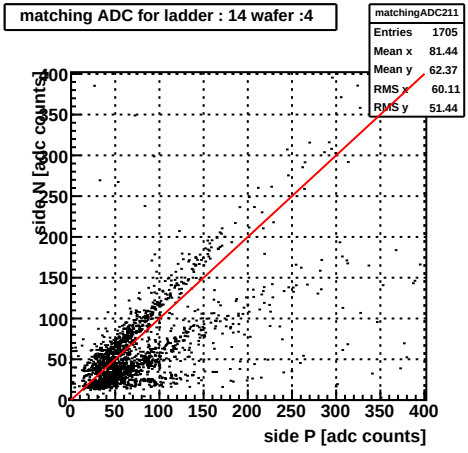

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 788
Mean x 79.38
Mean y 50.95
RMS x 60.4
RMS y 41.07
side N [adc counts]
side P [adc counts]

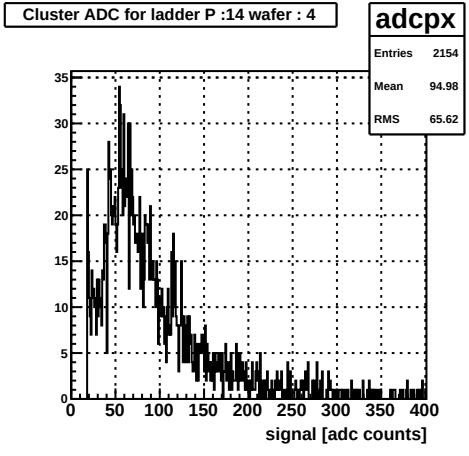

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1922
Mean 98.78
RMS 67.19
signal [adc counts]

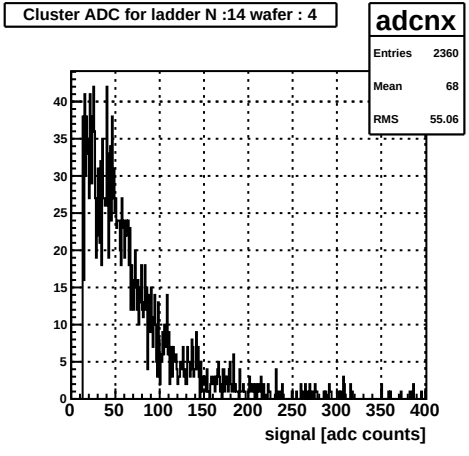

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1783
Mean 60.89
RMS 49.12
signal [adc counts]

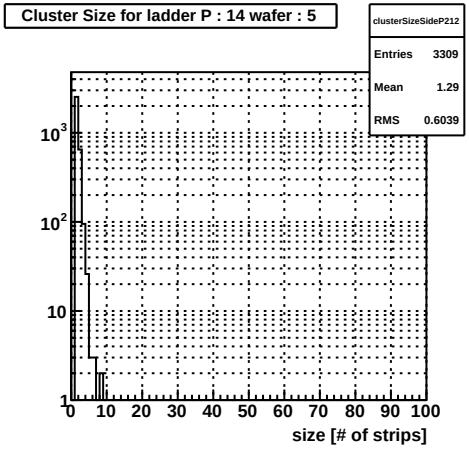

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 2154
Mean 1.481
RMS 0.7475
size [# of strips]

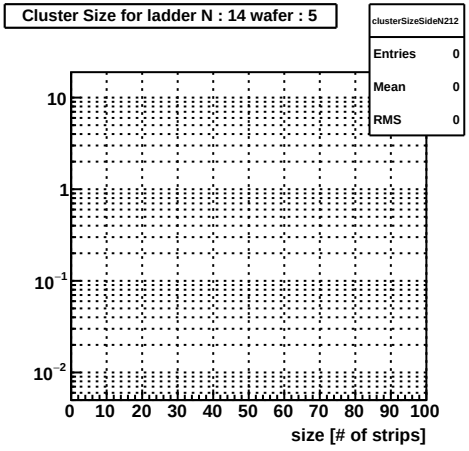

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 2360
Mean 1.563
RMS 0.8011
size [# of strips]

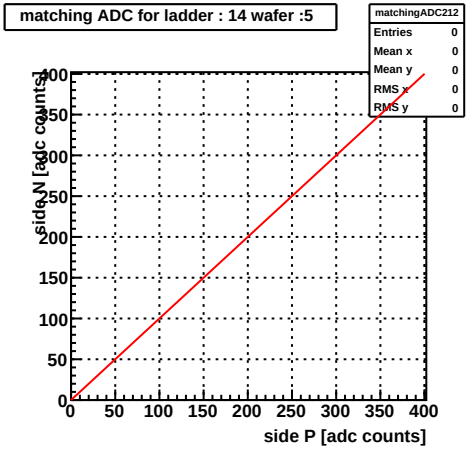

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1705
Mean x 81.44
Mean y 62.37
RMS x 60.11
RMS y 51.44
side N [adc counts]
side P [adc counts]

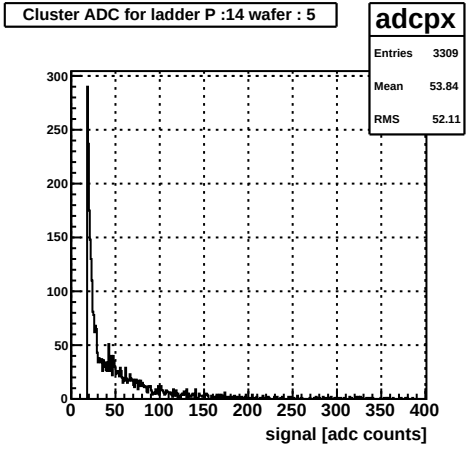

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 2154
Mean 94.98
RMS 65.62
signal [adc counts]

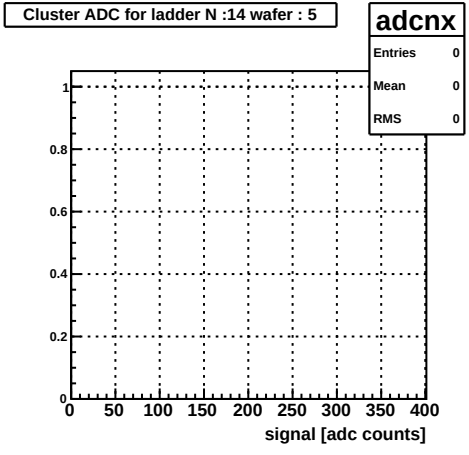

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 2360
Mean 68
RMS 55.06
signal [adc counts]

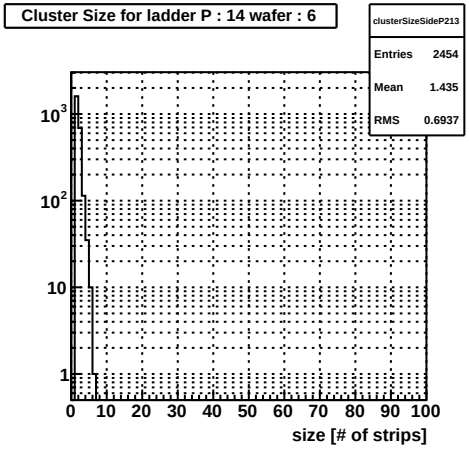

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 3309
Mean 1.29
RMS 0.6039
size [# of strips]

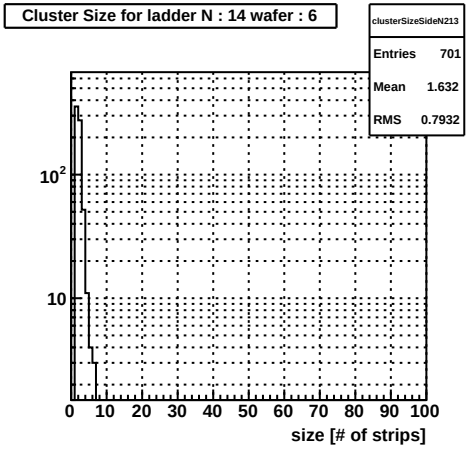

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

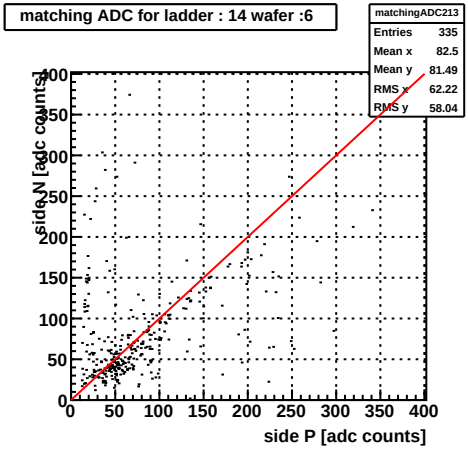

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

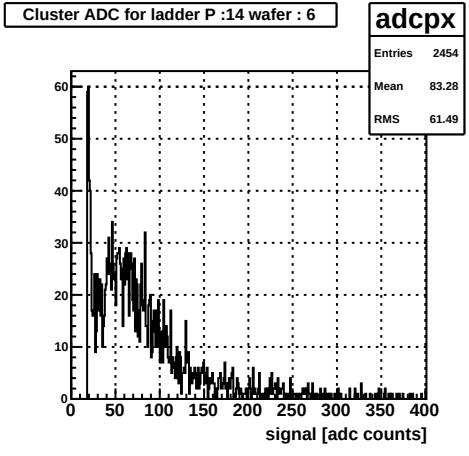

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 3309
Mean 53.84
RMS 52.11
signal [adc counts]

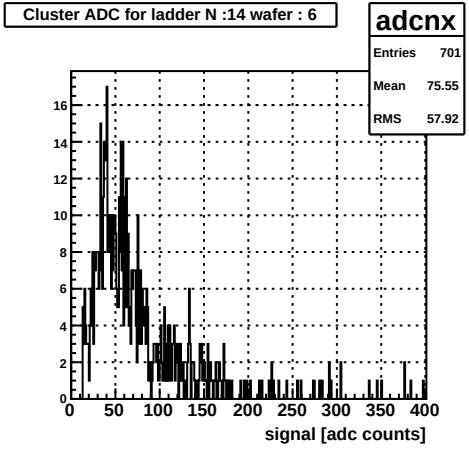

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

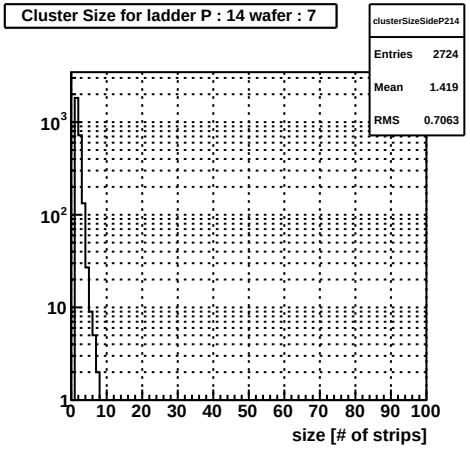

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 2454
Mean 1.435
RMS 0.6937
size [# of strips]

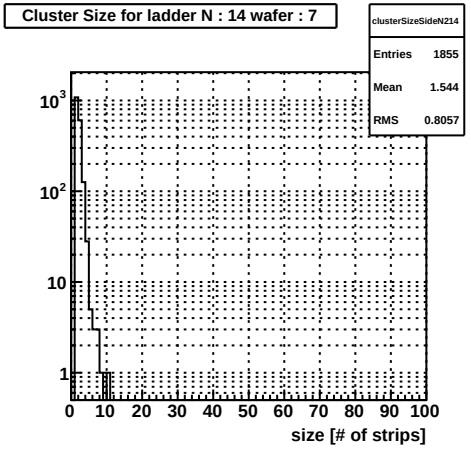

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 701
Mean 1.632
RMS 0.7932
size [# of strips]

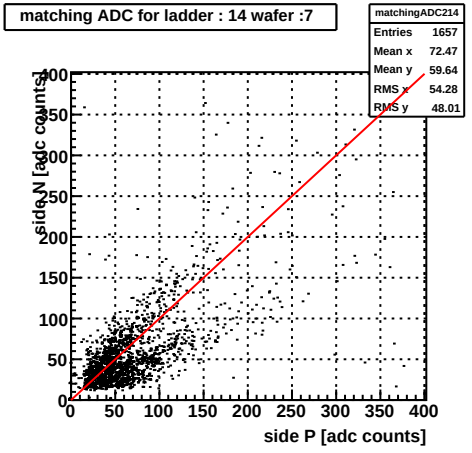

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 335
Mean x 82.5
Mean y 81.49
RMS x 62.22
RMS y 58.04
side N [adc counts]
side P [adc counts]

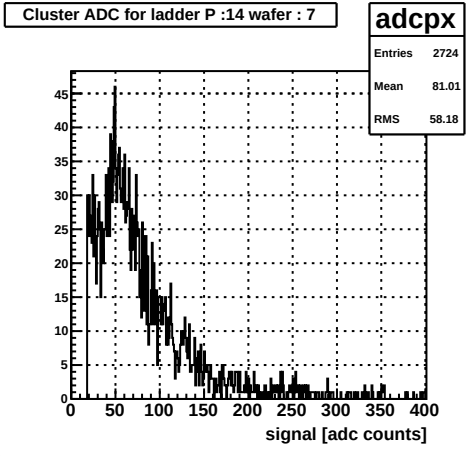

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 2454
Mean 83.28
RMS 61.49
signal [adc counts]

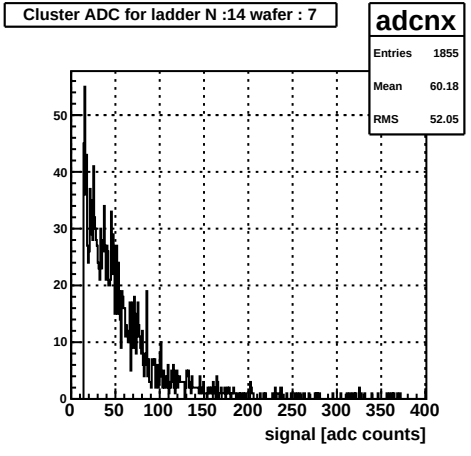

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 701
Mean 75.55
RMS 57.92
signal [adc counts]

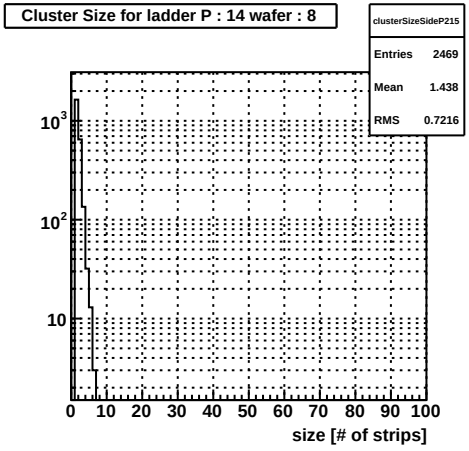

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2724
Mean 1.419
RMS 0.7063
size [# of strips]

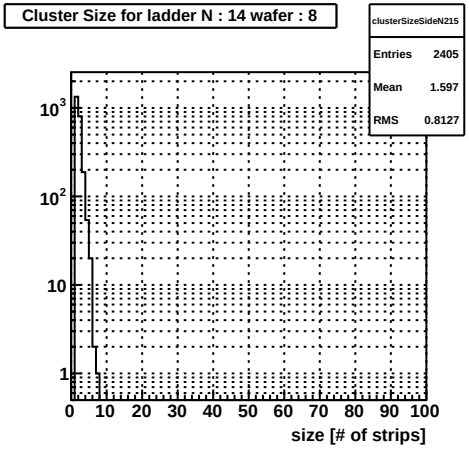

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1855
Mean 1.544
RMS 0.8057
size [# of strips]

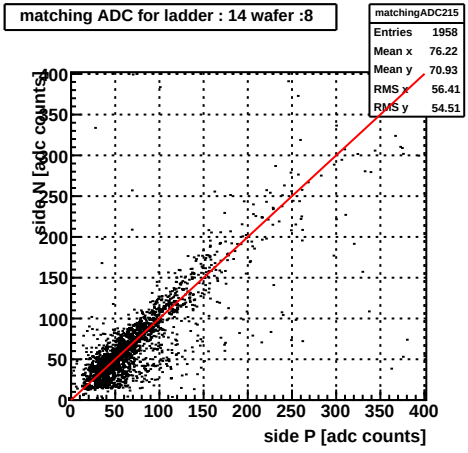

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 1657
Mean x 72.47
Mean y 59.64
RMS x 54.28
RMS y 48.01
side N [adc counts]
side P [adc counts]

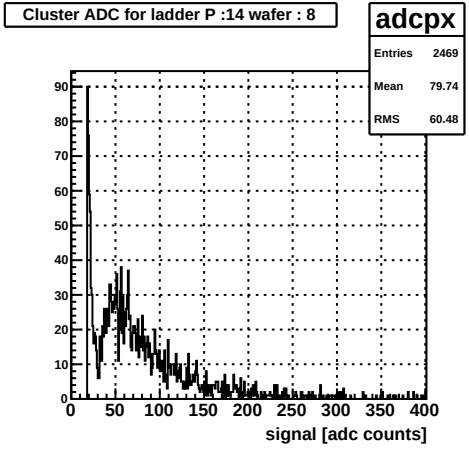

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2724
Mean 81.01
RMS 58.18
signal [adc counts]

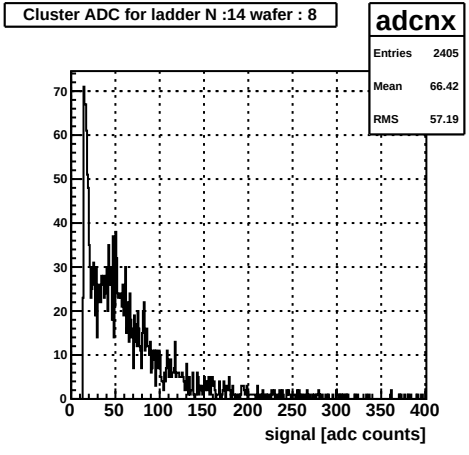

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1855
Mean 60.18
RMS 52.05
signal [adc counts]

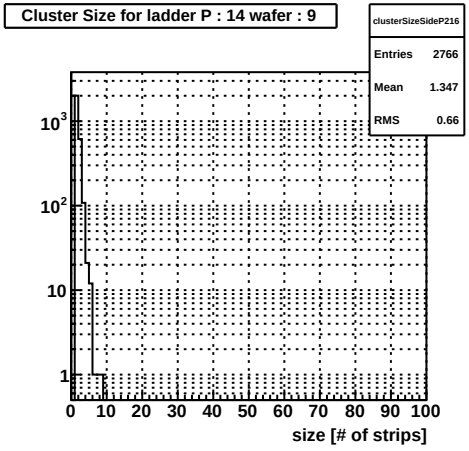

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 2469
Mean 1.438
RMS 0.7216
size [# of strips]

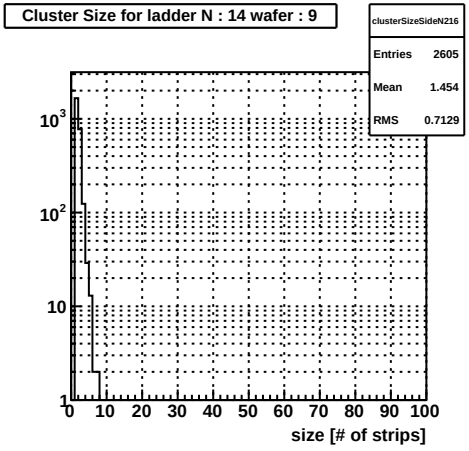

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2405
Mean 1.597
RMS 0.8127
size [# of strips]

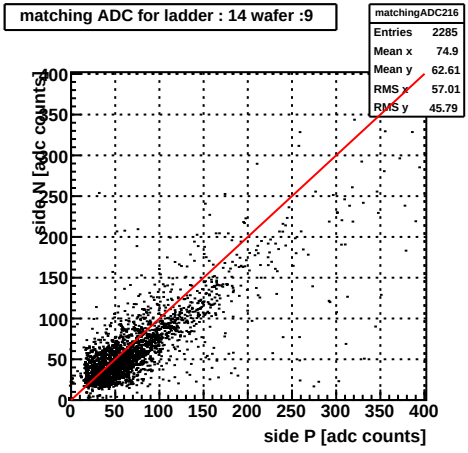

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1958
Mean x 76.22
Mean y 70.93
RMS x 56.41
RMS y 54.51
side N [adc counts]
side P [adc counts]

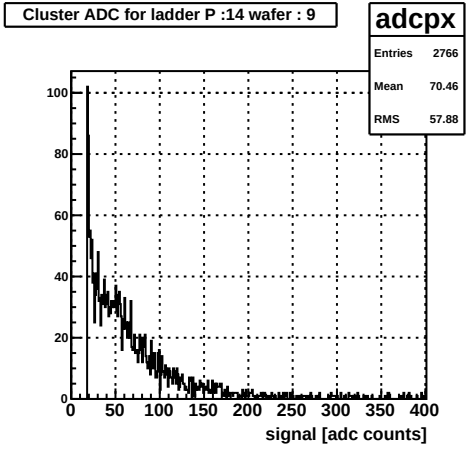

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 2469
Mean 79.74
RMS 60.48
signal [adc counts]

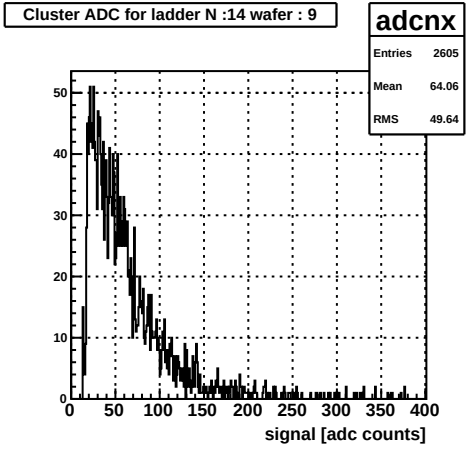

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2405
Mean 66.42
RMS 57.19
signal [adc counts]

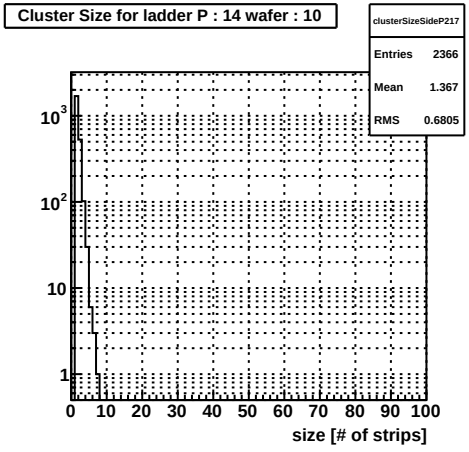

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 2766
Mean 1.347
RMS 0.66
size [# of strips]

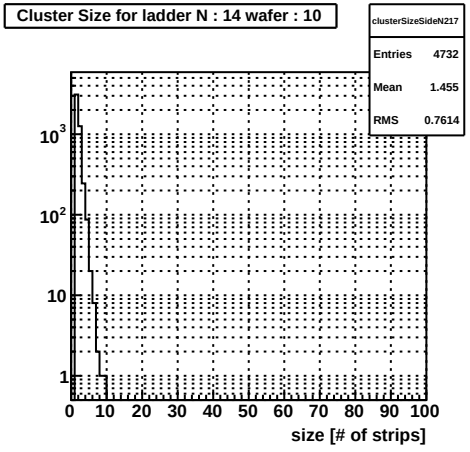

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 2605
Mean 1.454
RMS 0.7129
size [# of strips]

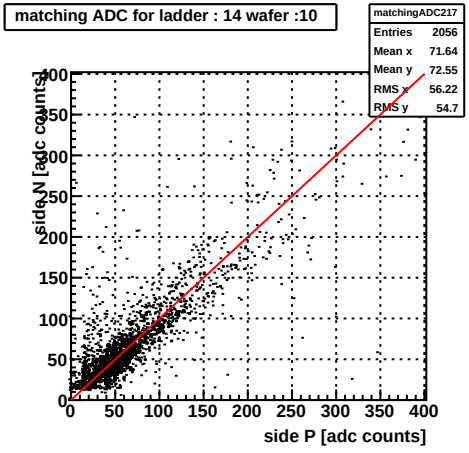

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 2285
Mean x 74.9
Mean y 62.61
RMS x 57.01
RMS y 45.79
side N [adc counts]
side P [adc counts]

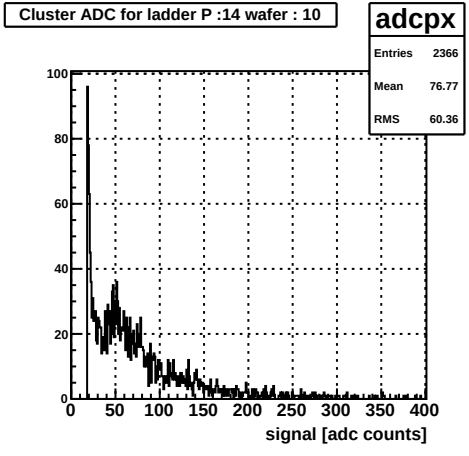

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 2766
Mean 70.46
RMS 57.88
signal [adc counts]

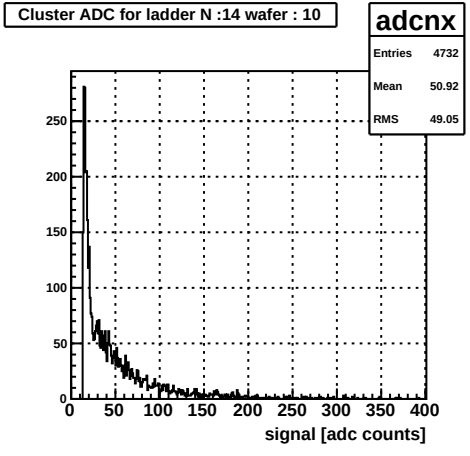

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 2605
Mean 64.06
RMS 49.64
signal [adc counts]

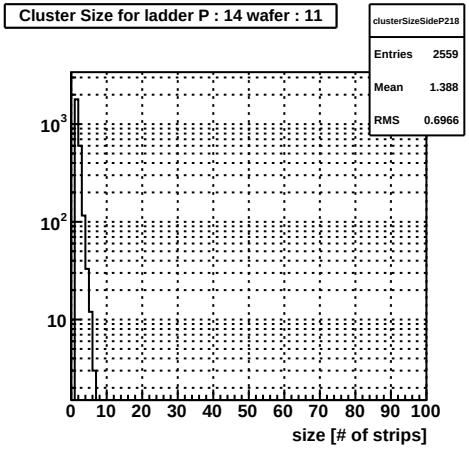

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 2366
Mean 1.367
RMS 0.6805
size [# of strips]

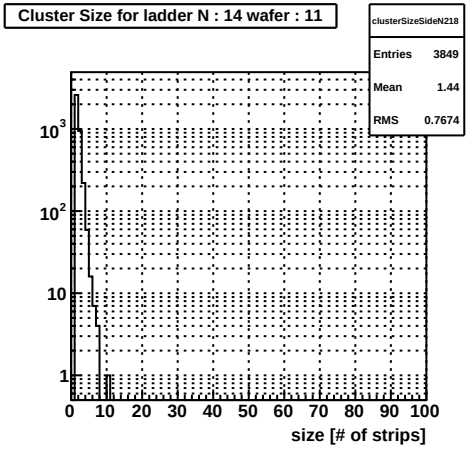

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 4732
Mean 1.455
RMS 0.7614
size [# of strips]

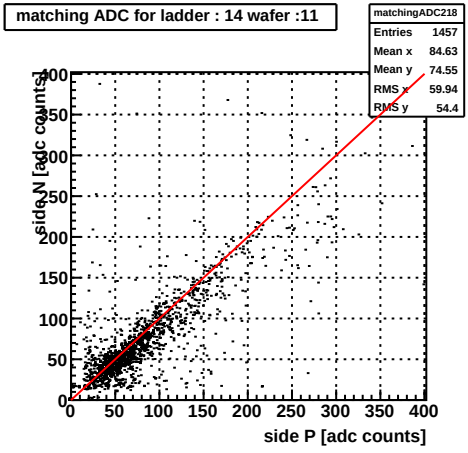

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 2056
Mean x 71.64
Mean y 72.55
RMS x 56.22
RMS y 54.7
side N [adc counts]
side P [adc counts]

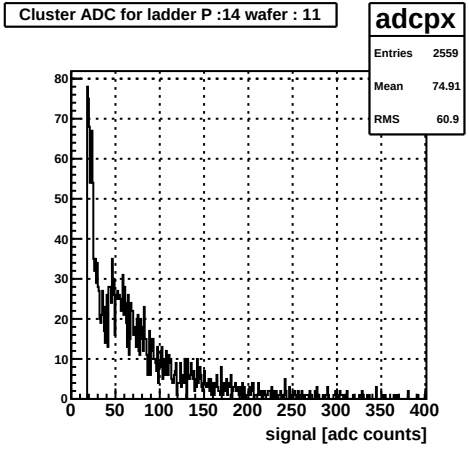

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 2366
Mean 76.77
RMS 60.36
signal [adc counts]

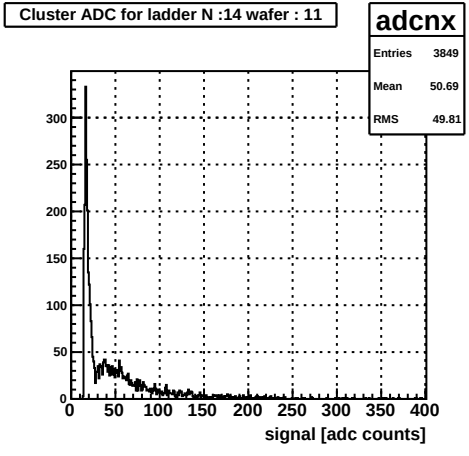

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 4732
Mean 50.92
RMS 49.05
signal [adc counts]

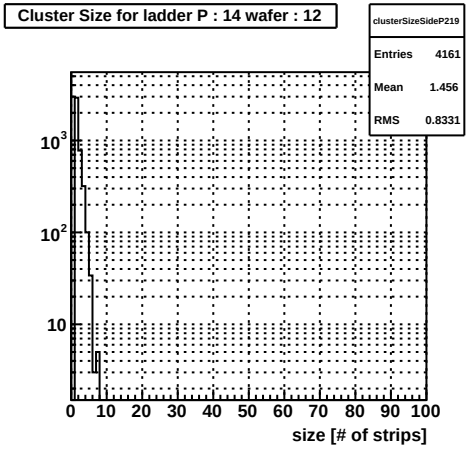

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2559
Mean 1.388
RMS 0.6966
size [# of strips]

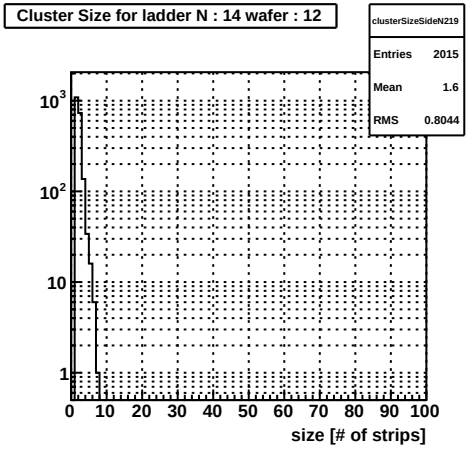

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 3849
Mean 1.44
RMS 0.7674
size [# of strips]

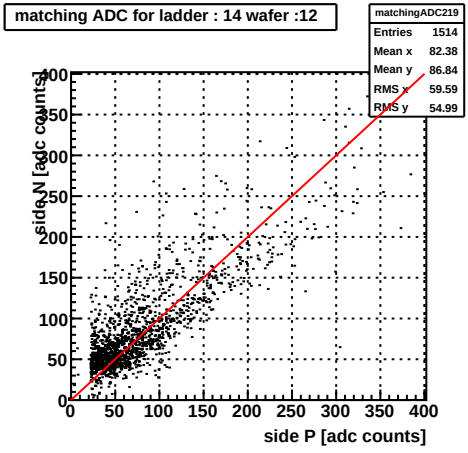

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 1457
Mean x 84.63
Mean y 74.55
RMS x 59.94
RMS y 54.4
side N [adc counts]
side P [adc counts]

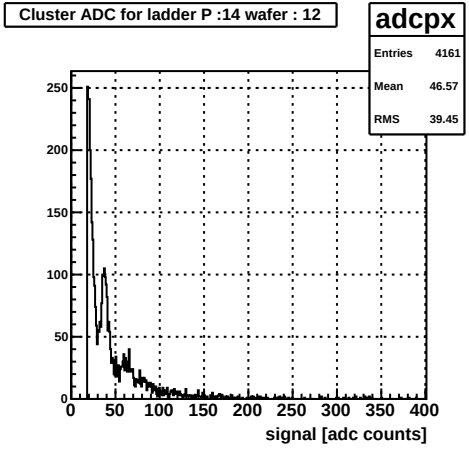

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2559
Mean 74.91
RMS 60.9
signal [adc counts]

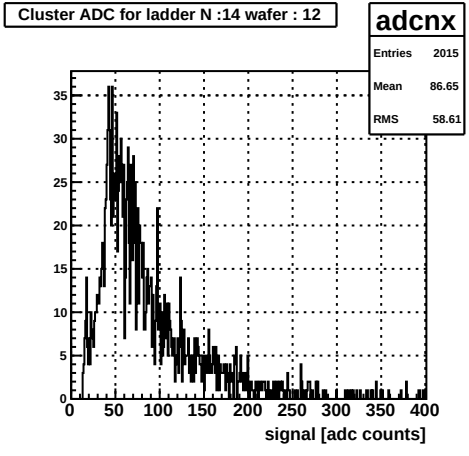

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 3849
Mean 50.69
RMS 49.81
signal [adc counts]

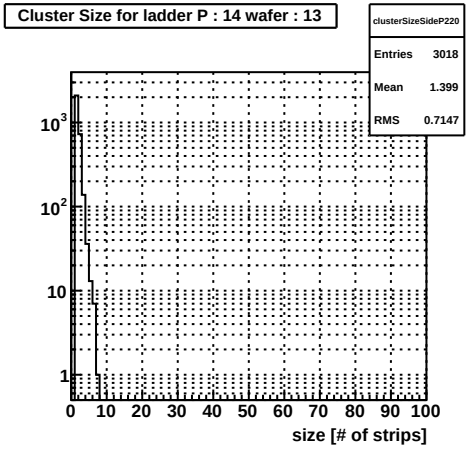

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 4161
Mean 1.456
RMS 0.8331
size [# of strips]

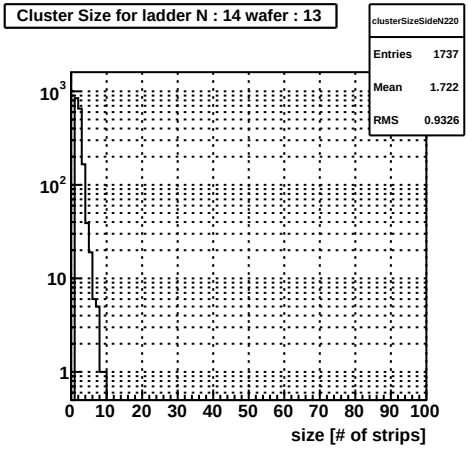

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2015
Mean 1.6
RMS 0.8044
size [# of strips]

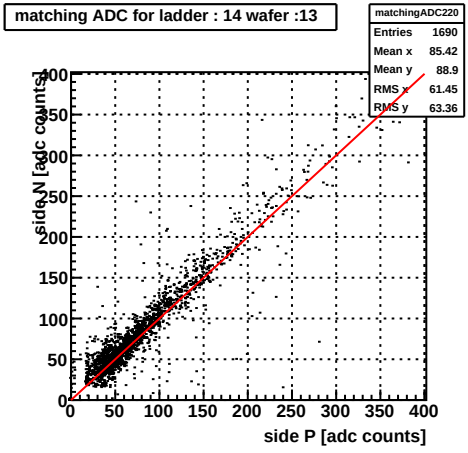

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 1514
Mean x 82.38
Mean y 86.84
RMS x 59.59
RMS y 54.99
side N [adc counts]
side P [adc counts]

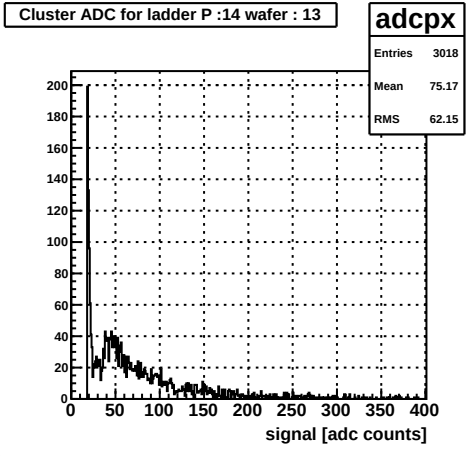

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 4161
Mean 46.57
RMS 39.45
signal [adc counts]

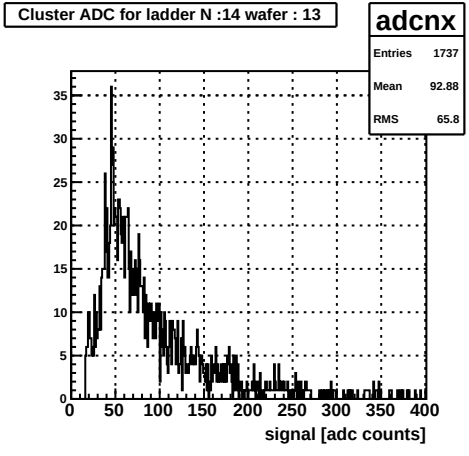

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2015
Mean 86.65
RMS 58.61
signal [adc counts]

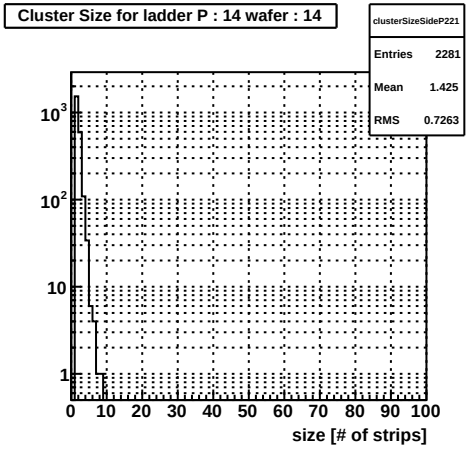

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 3018
Mean 1.399
RMS 0.7147
size [# of strips]

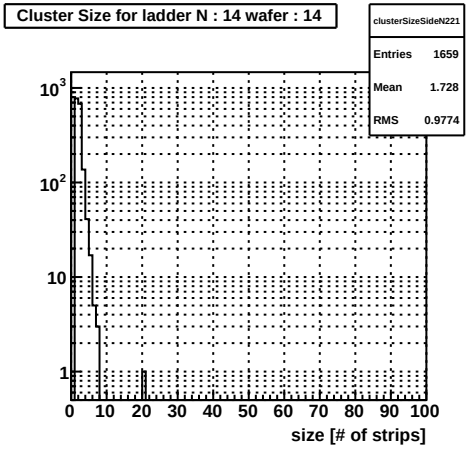

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1737
Mean 1.722
RMS 0.9326
size [# of strips]

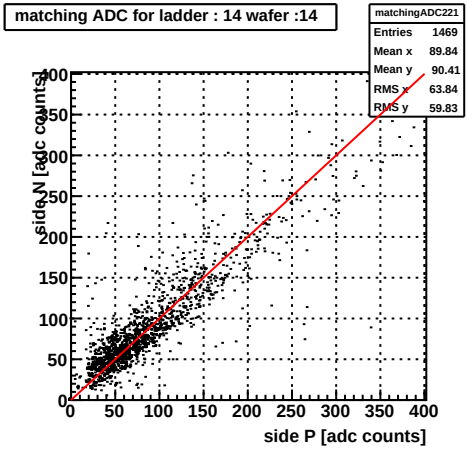

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 1690
Mean x 85.42
Mean y 88.9
RMS x 61.45
RMS y 63.36
side N [adc counts]
side P [adc counts]

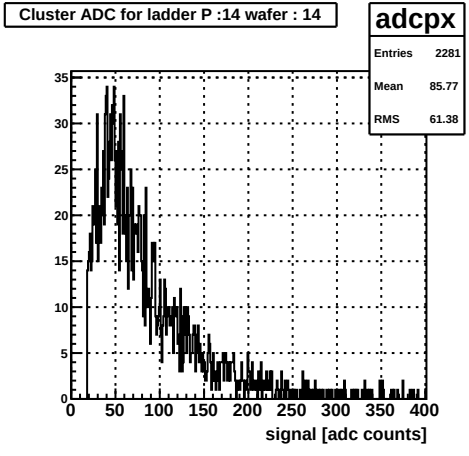

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 3018
Mean 75.17
RMS 62.15
signal [adc counts]

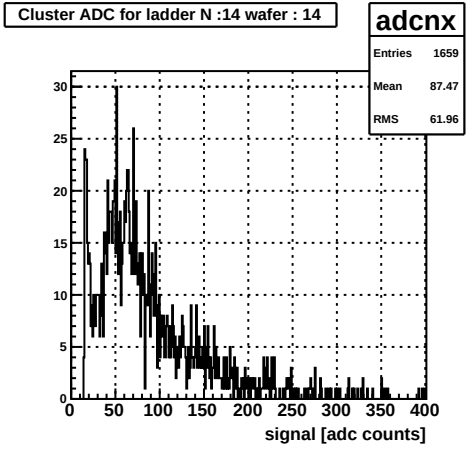

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1737
Mean 92.88
RMS 65.8
signal [adc counts]

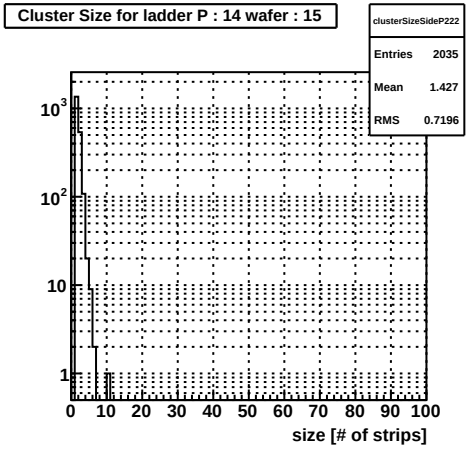

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 2281
Mean 1.425
RMS 0.7263
size [# of strips]

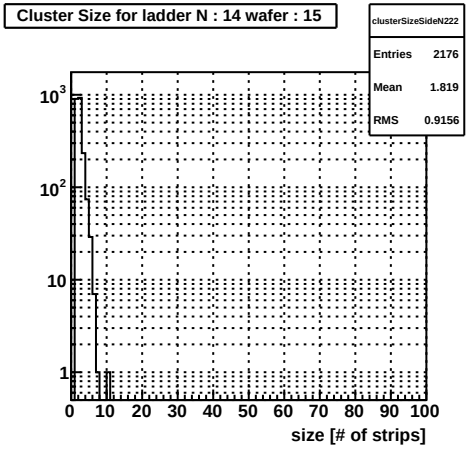

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1659
Mean 1.728
RMS 0.9774
size [# of strips]

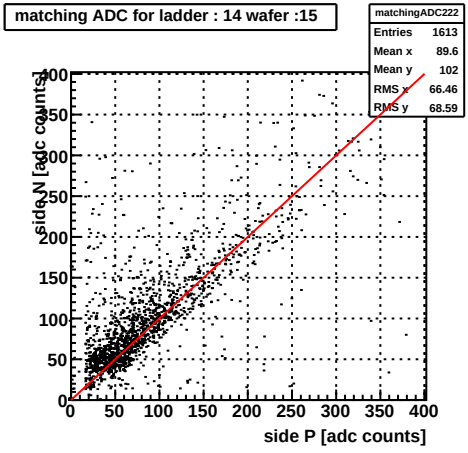

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 1469
Mean x 89.84
Mean y 90.41
RMS x 63.84
RMS y 59.83
side N [adc counts]
side P [adc counts]

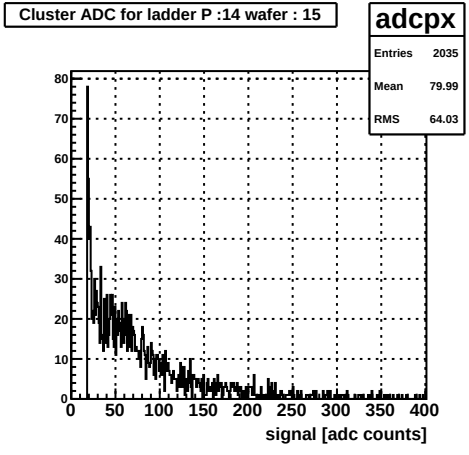

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 2281
Mean 85.77
RMS 61.38
signal [adc counts]

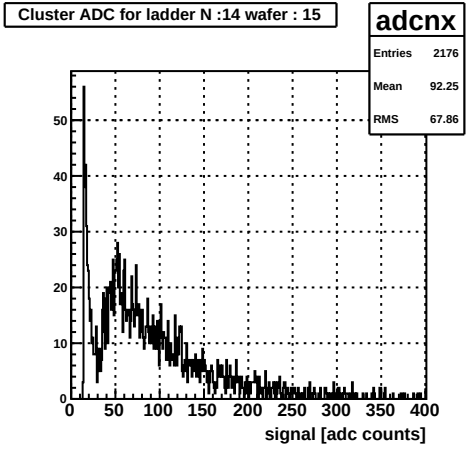

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1659
Mean 87.47
RMS 61.96
signal [adc counts]

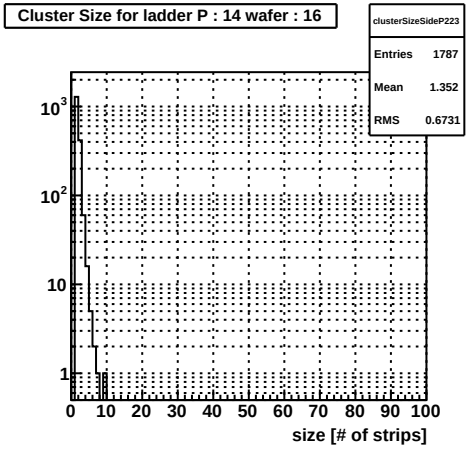

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2035
Mean 1.427
RMS 0.7196
size [# of strips]

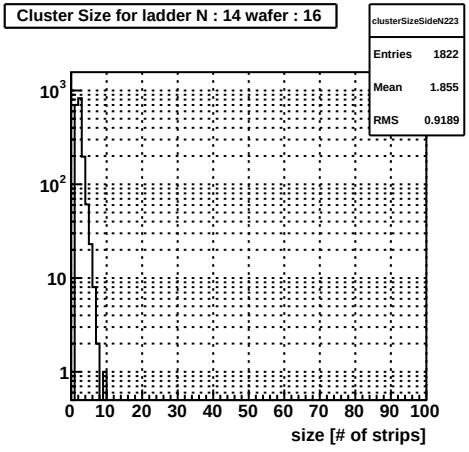

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 2176
Mean 1.819
RMS 0.9156
size [# of strips]

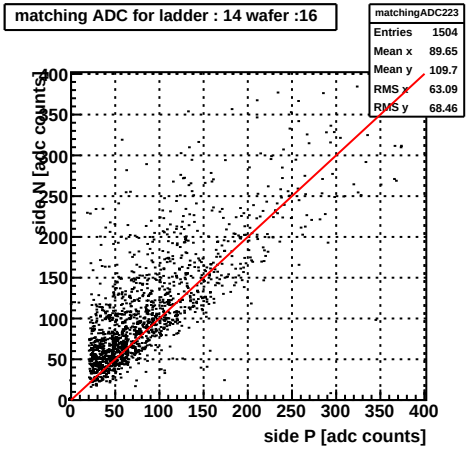

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1613
Mean x 89.6
Mean y 102
RMS x 66.46
RMS y 68.59
side N [adc counts]
side P [adc counts]

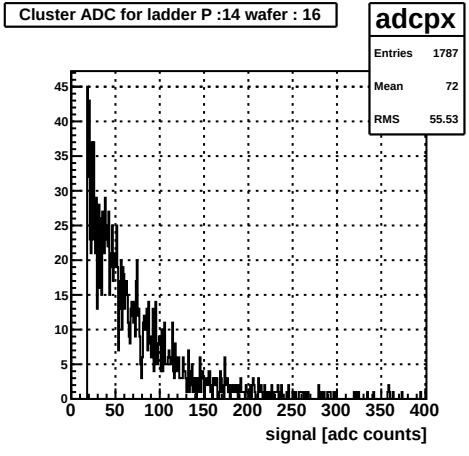

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2035
Mean 79.99
RMS 64.03
signal [adc counts]

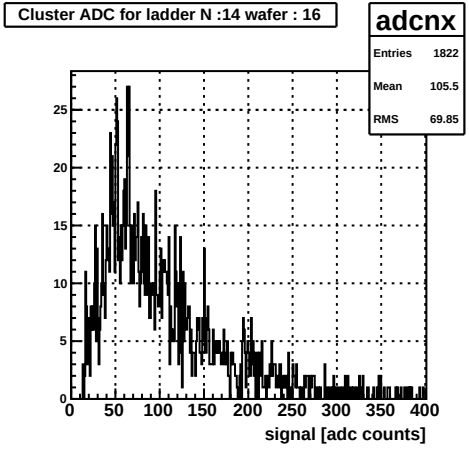

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 2176
Mean 92.25
RMS 67.86
signal [adc counts]

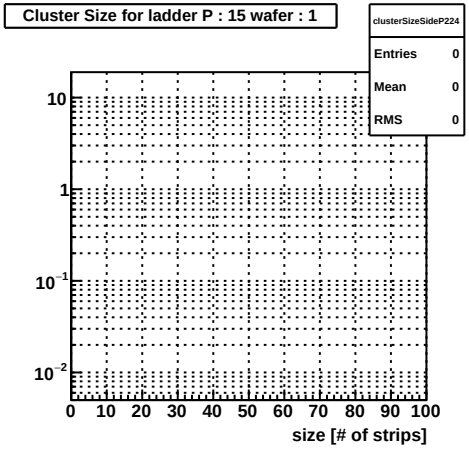

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1787
Mean 1.352
RMS 0.6731
size [# of strips]

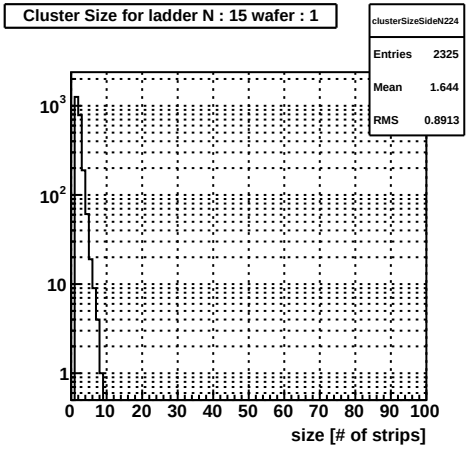

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1822
Mean 1.855
RMS 0.9189
size [# of strips]

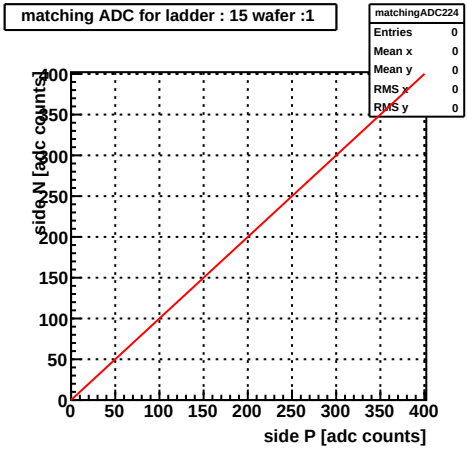

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 1504
Mean x 89.65
Mean y 109.7
RMS x 63.09
RMS y 68.46
side N [adc counts]
side P [adc counts]

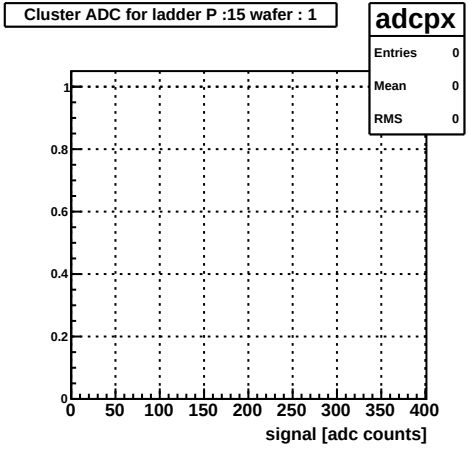

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1787
Mean 72
RMS 55.53
signal [adc counts]

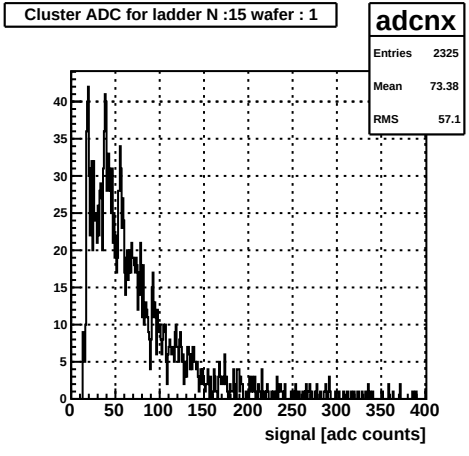

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1822
Mean 105.5
RMS 69.85
signal [adc counts]

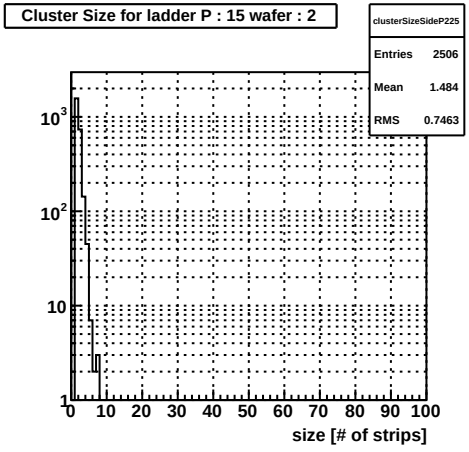

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

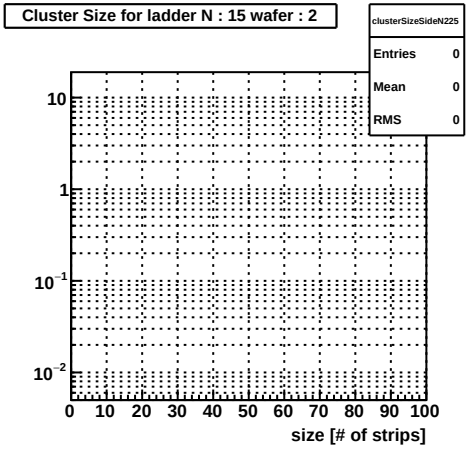

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2325
Mean 1.644
RMS 0.8913
size [# of strips]

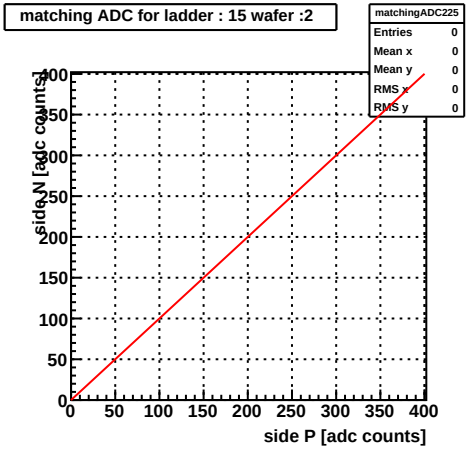

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

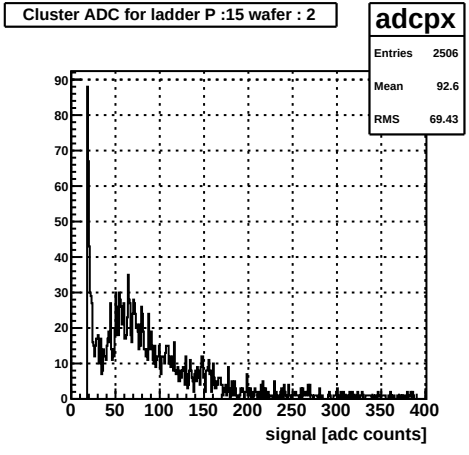

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

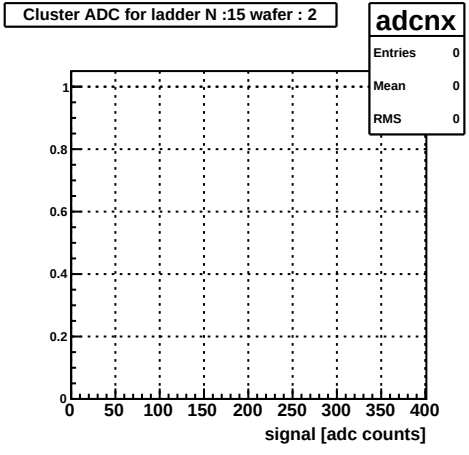

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2325
Mean 73.38
RMS 57.1
signal [adc counts]

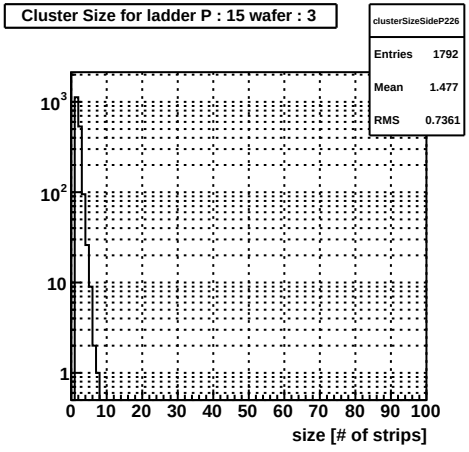

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 2506
Mean 1.484
RMS 0.7463
size [# of strips]

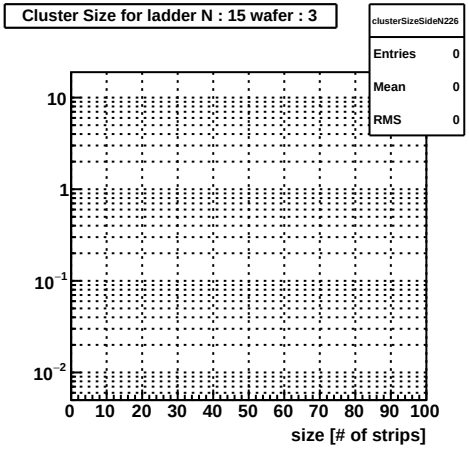

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

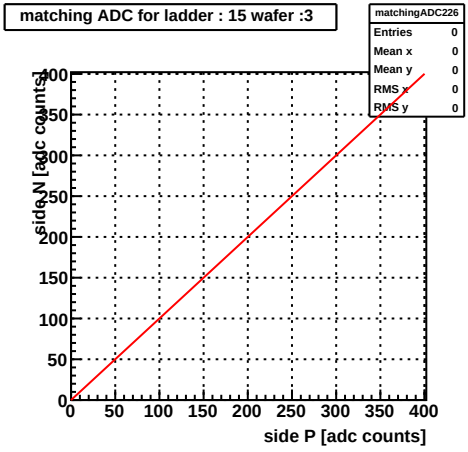

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

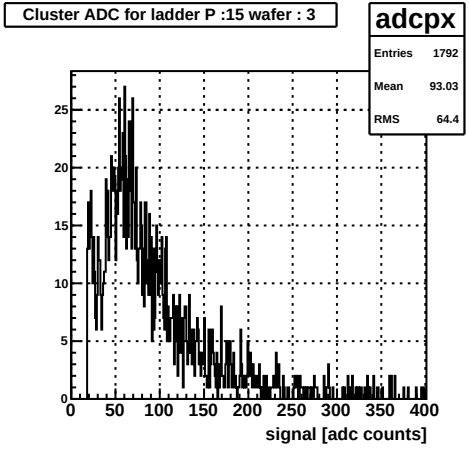

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 2506
Mean 92.6
RMS 69.43
signal [adc counts]

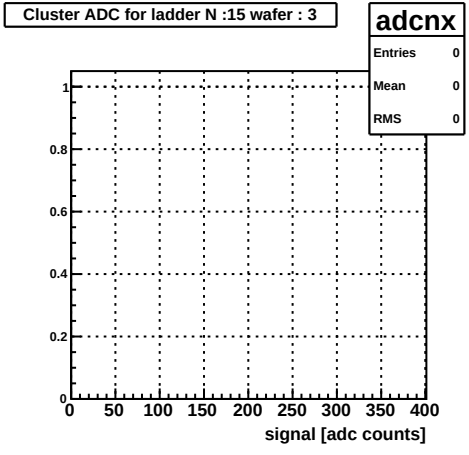

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

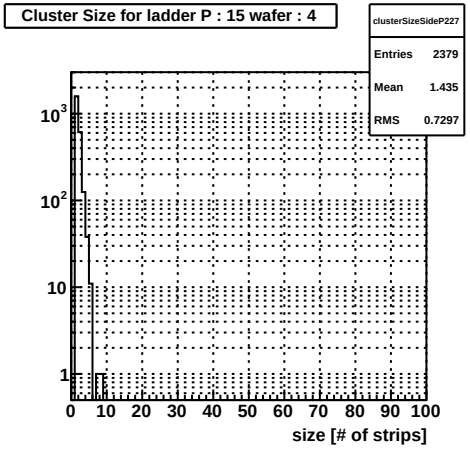

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 1792
Mean 1.477
RMS 0.7361
size [# of strips]

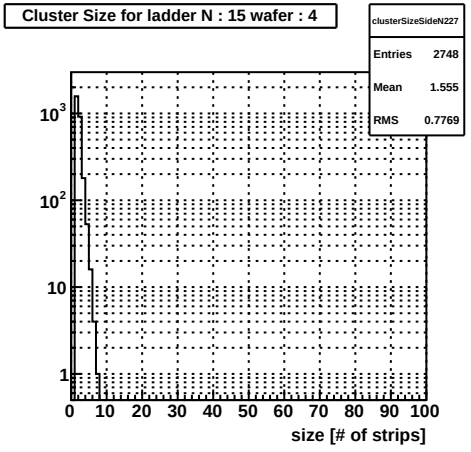

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

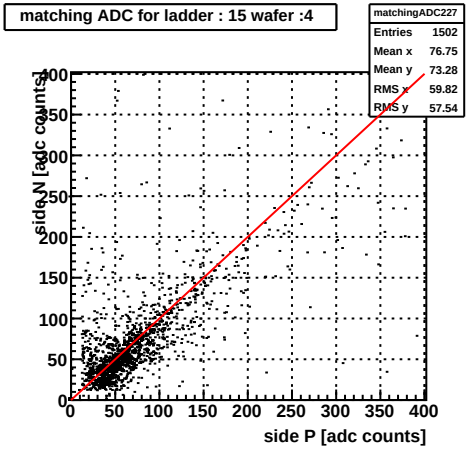

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

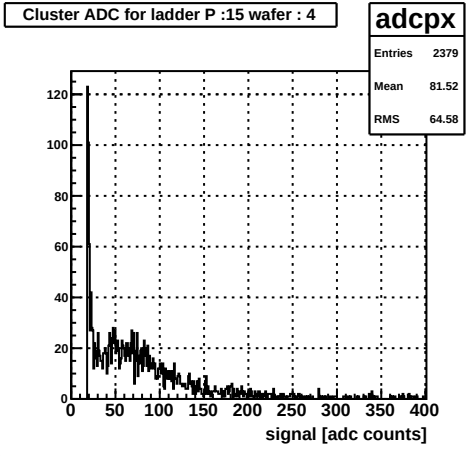

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 1792
Mean 93.03
RMS 64.4
signal [adc counts]

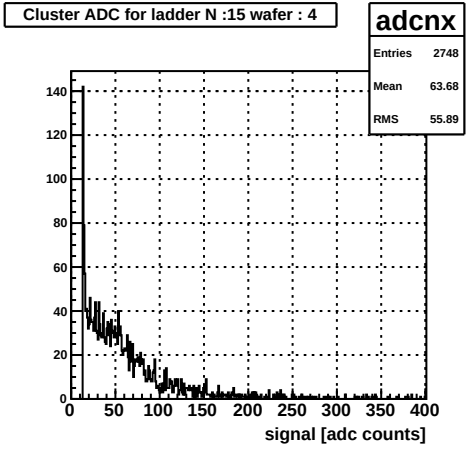

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

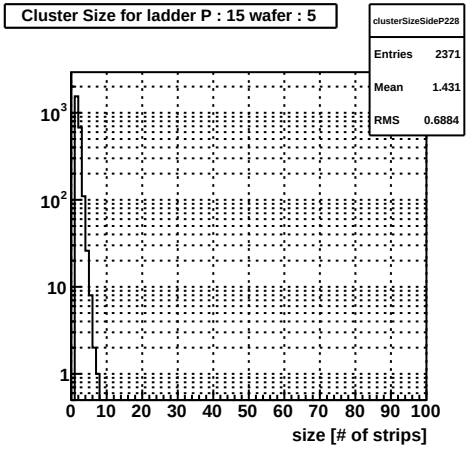

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 2379
Mean 1.435
RMS 0.7297
size [# of strips]

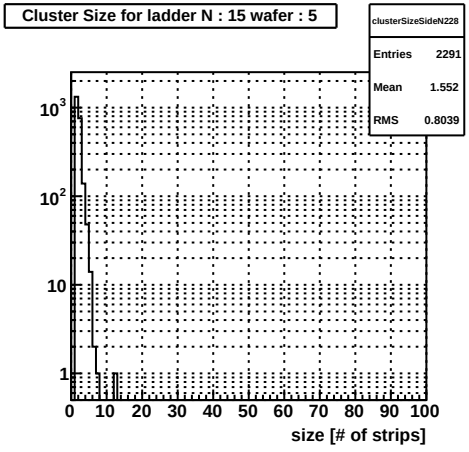

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 2748
Mean 1.555
RMS 0.7769
size [# of strips]

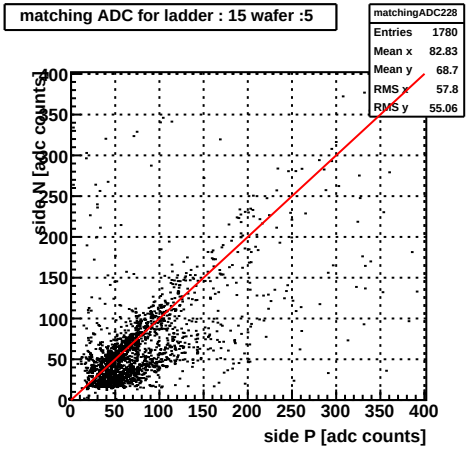

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 1502
Mean x 76.75
Mean y 73.28
RMS x 59.82
RMS y 57.54
side N [adc counts]
side P [adc counts]

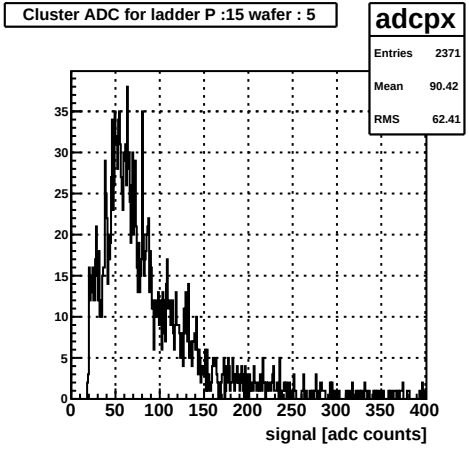

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 2379
Mean 81.52
RMS 64.58
signal [adc counts]

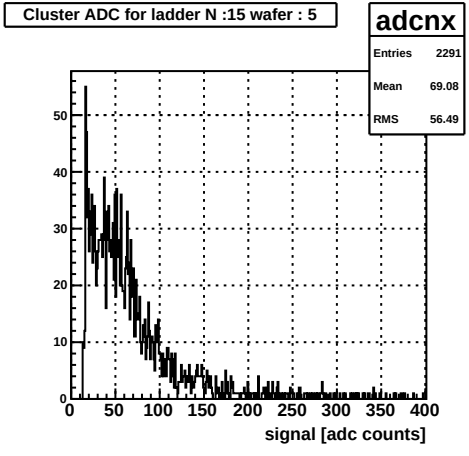

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 2748
Mean 63.68
RMS 55.89
signal [adc counts]

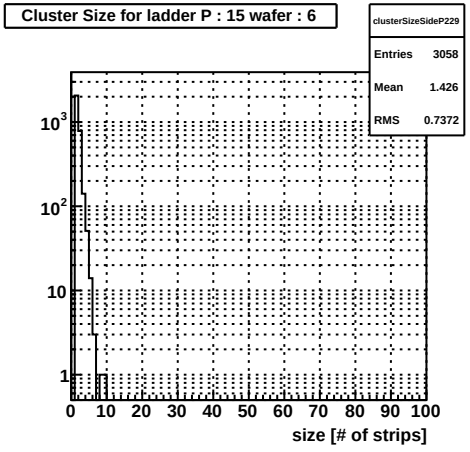

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 2371
Mean 1.431
RMS 0.6884
size [# of strips]

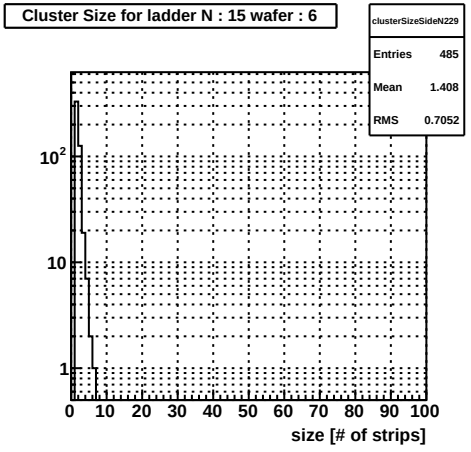

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 2291
Mean 1.552
RMS 0.8039
size [# of strips]

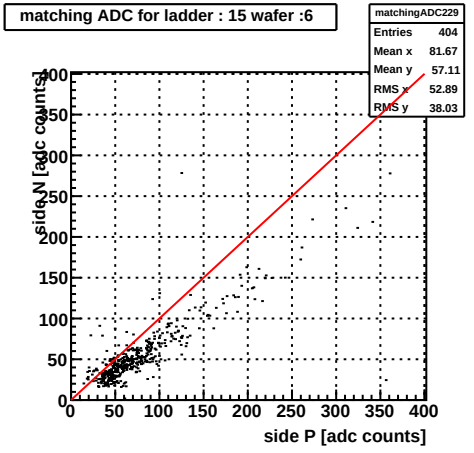

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 1780
Mean x 82.83
Mean y 68.7
RMS x 57.8
RMS y 55.06
side N [adc counts]
side P [adc counts]

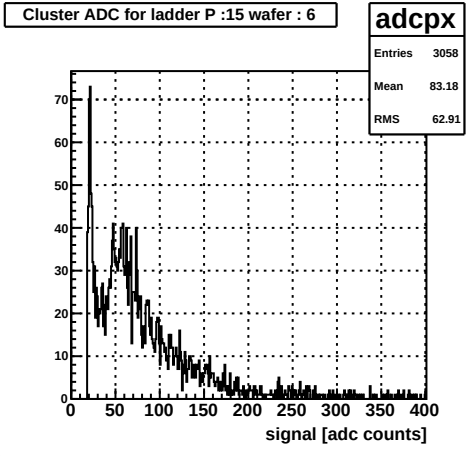

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 2371
Mean 90.42
RMS 62.41
signal [adc counts]

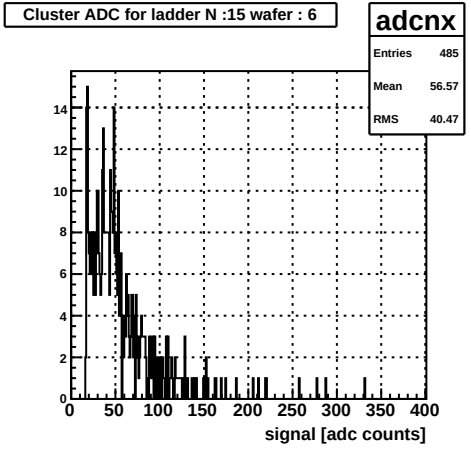

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 2291
Mean 69.08
RMS 56.49
signal [adc counts]

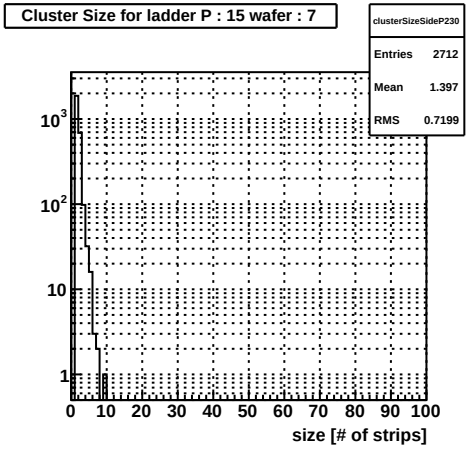

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 3058
Mean 1.426
RMS 0.7372
size [# of strips]

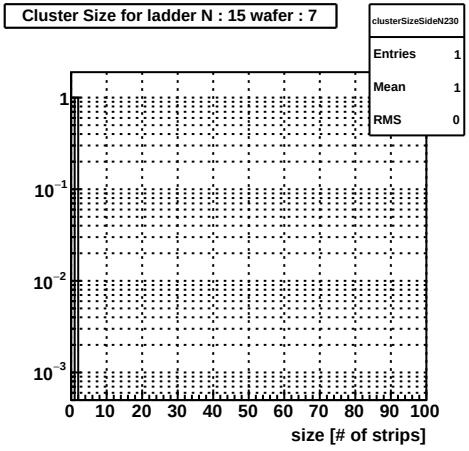

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 485
Mean 1.408
RMS 0.7052
size [# of strips]

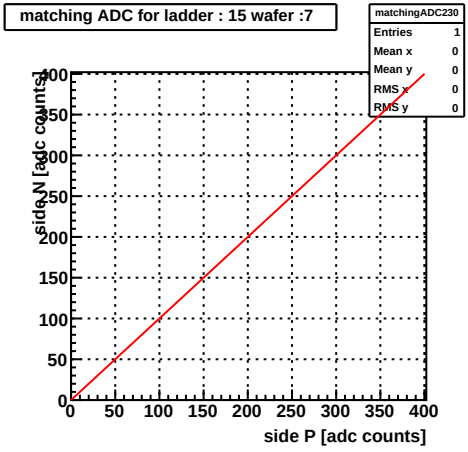

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 404
Mean x 81.67
Mean y 57.11
RMS x 52.89
RMS y 38.03
side N [adc counts]
side P [adc counts]

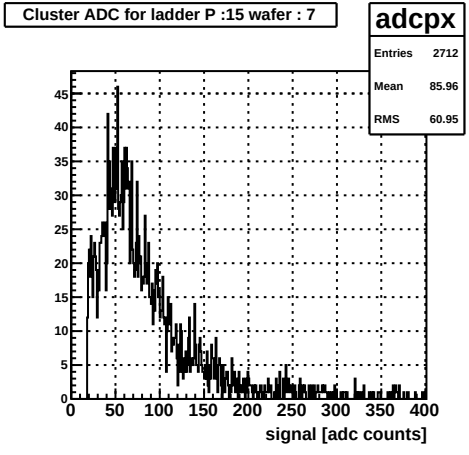

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 3058
Mean 83.18
RMS 62.91
signal [adc counts]

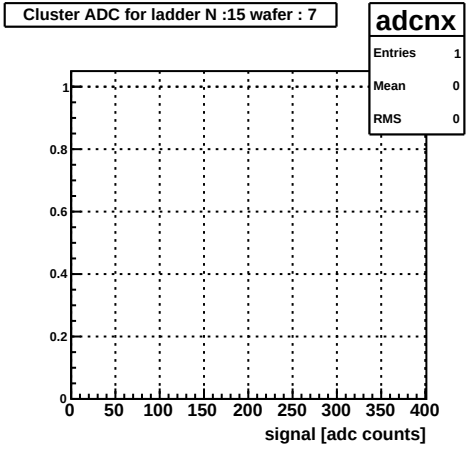

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 485
Mean 56.57
RMS 40.47
signal [adc counts]

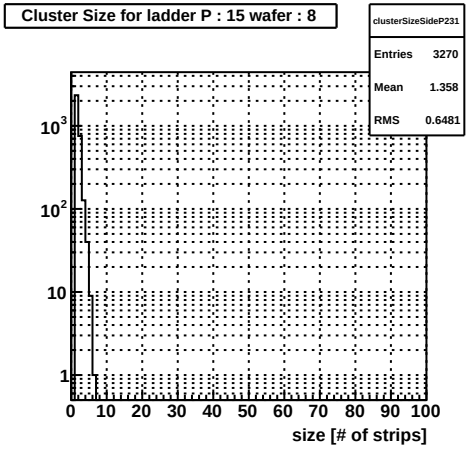

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2712
Mean 1.397
RMS 0.7199
size [# of strips]

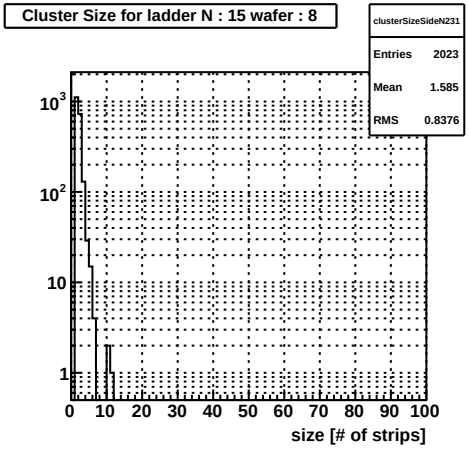

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 1
Mean 1
RMS 0
size [# of strips]

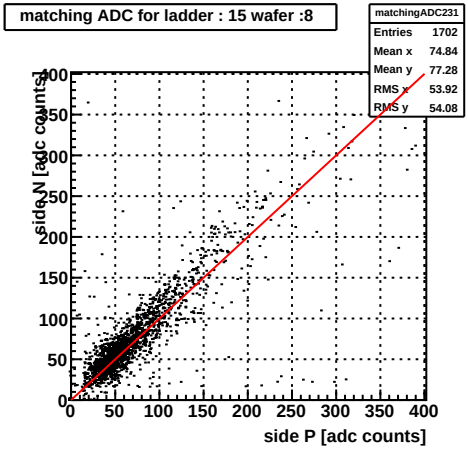

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

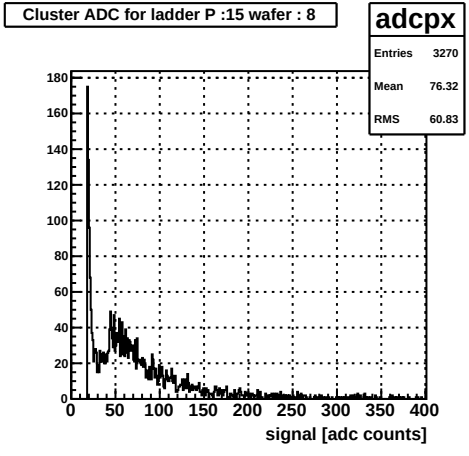

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2712
Mean 85.96
RMS 60.95
signal [adc counts]

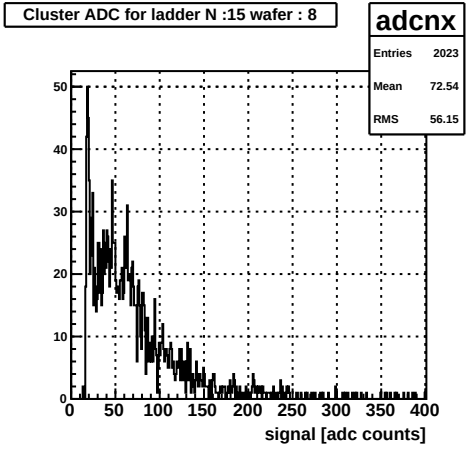

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

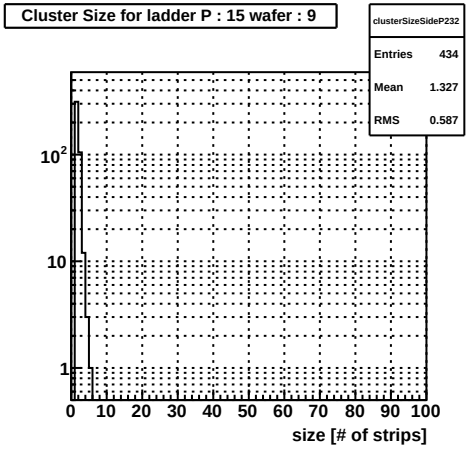

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 3270
Mean 1.358
RMS 0.6481
size [# of strips]

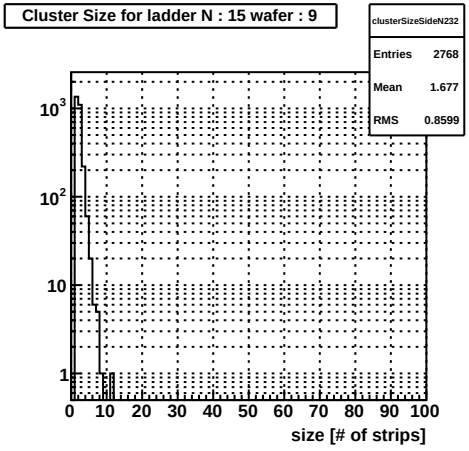

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 2023
Mean 1.585
RMS 0.8376
size [# of strips]

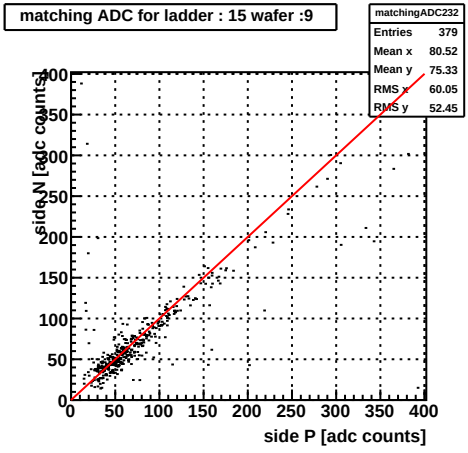

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1702
Mean x 74.84
Mean y 77.28
RMS x 53.92
RMS y 54.08
side N [adc counts]
side P [adc counts]

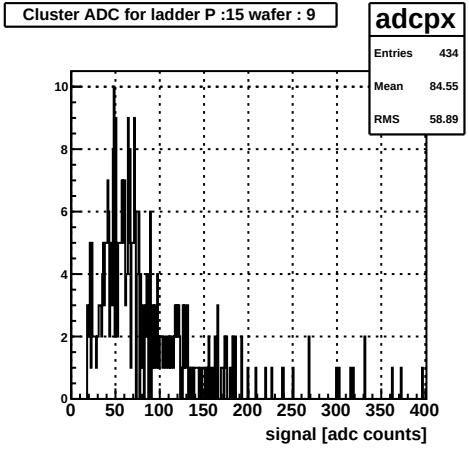

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 3270
Mean 76.32
RMS 60.83
signal [adc counts]

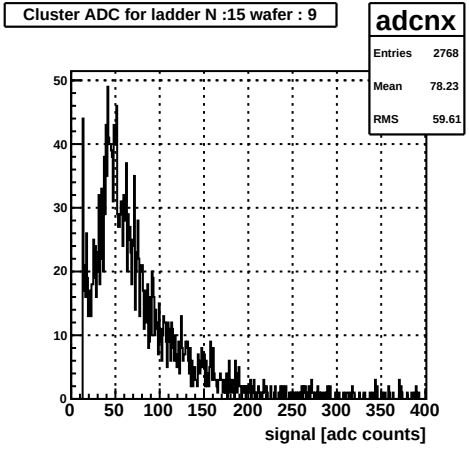

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 2023
Mean 72.54
RMS 56.15
signal [adc counts]

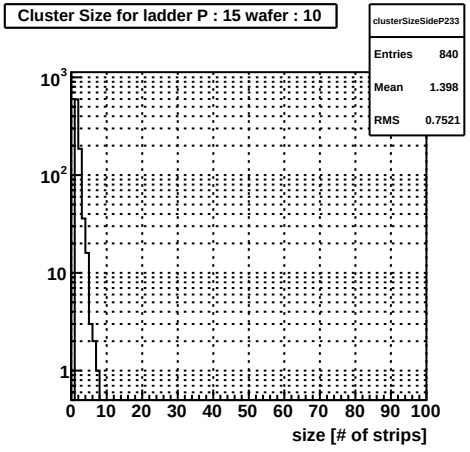

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 434
Mean 1.327
RMS 0.587
size [# of strips]

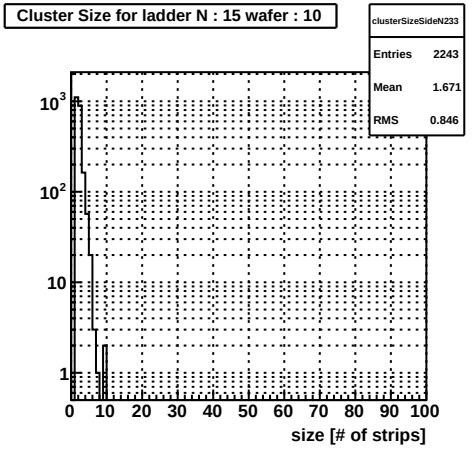

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 2768
Mean 1.677
RMS 0.8599
size [# of strips]

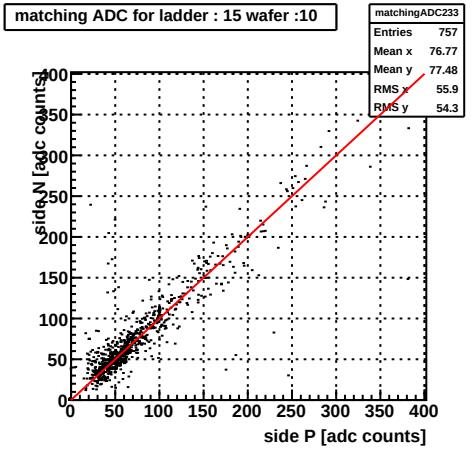

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 379
Mean x 80.52
Mean y 75.33
RMS x 60.05
RMS y 52.45
side N [adc counts]
side P [adc counts]

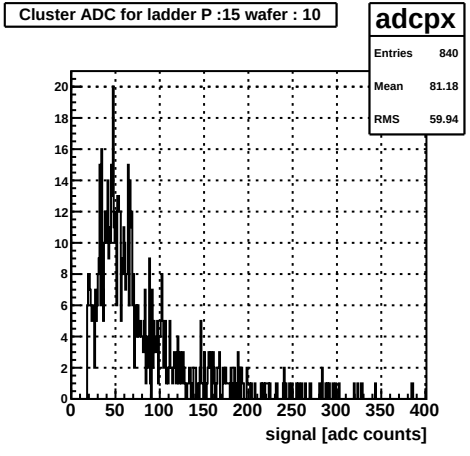

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 434
Mean 84.55
RMS 58.89
signal [adc counts]

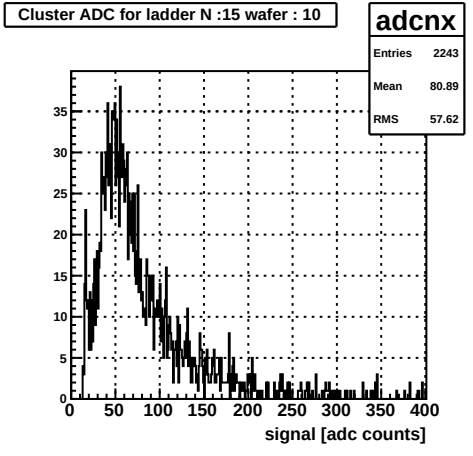

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 2768
Mean 78.23
RMS 59.61
signal [adc counts]

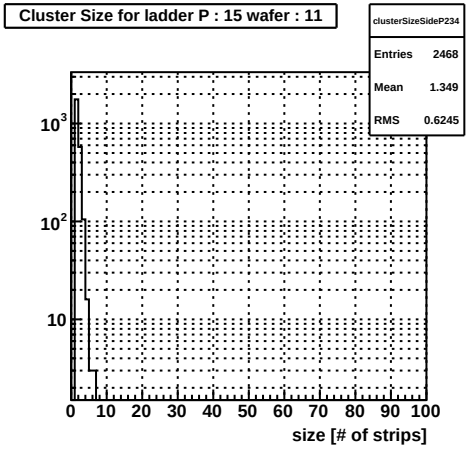

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 840
Mean 1.398
RMS 0.7521
size [# of strips]

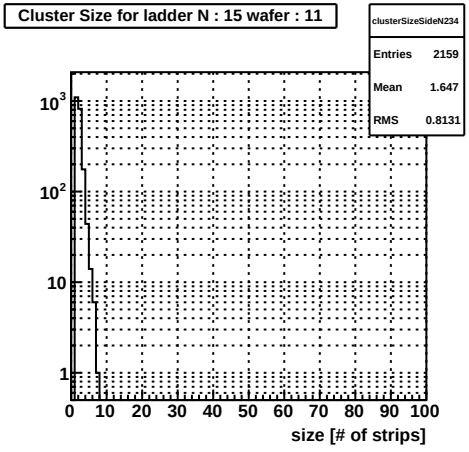

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2243
Mean 1.671
RMS 0.846
size [# of strips]

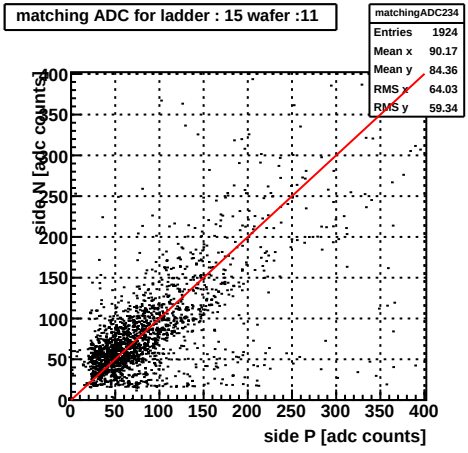

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 757
Mean x 76.77
Mean y 77.48
RMS x 55.9
RMS y 54.3
side N [adc counts]
side P [adc counts]

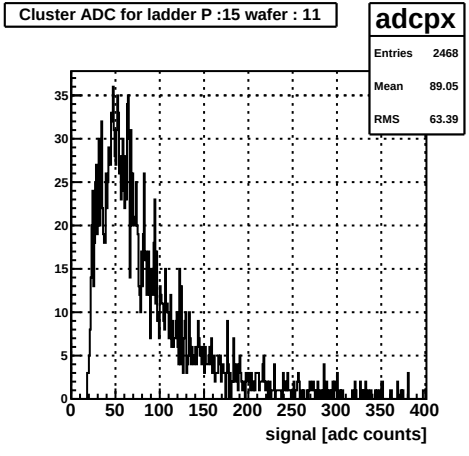

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 840
Mean 81.18
RMS 59.94
signal [adc counts]

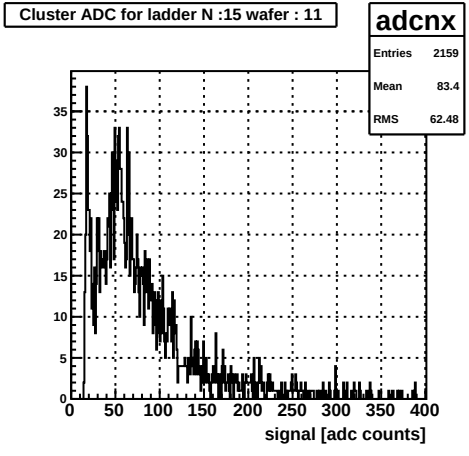

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2243
Mean 80.89
RMS 57.62
signal [adc counts]

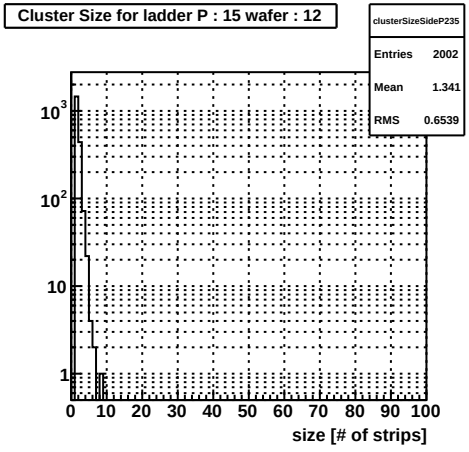

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 2468
Mean 1.349
RMS 0.6245
size [# of strips]

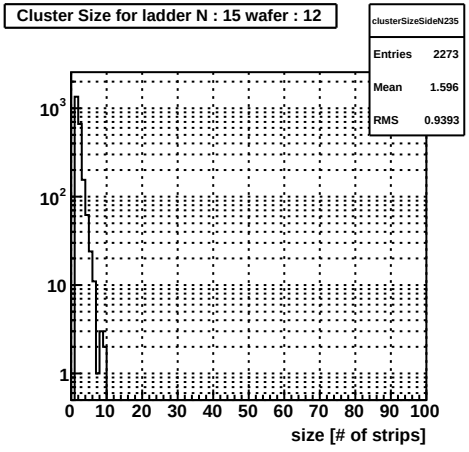

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 2159
Mean 1.647
RMS 0.8131
size [# of strips]

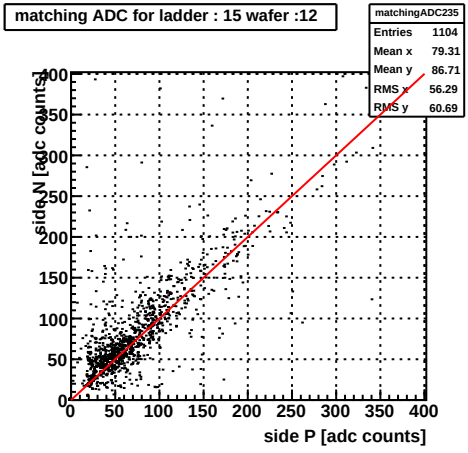

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1924
Mean x 90.17
Mean y 84.36
RMS x 64.03
RMS y 59.34
side N [adc counts]
side P [adc counts]

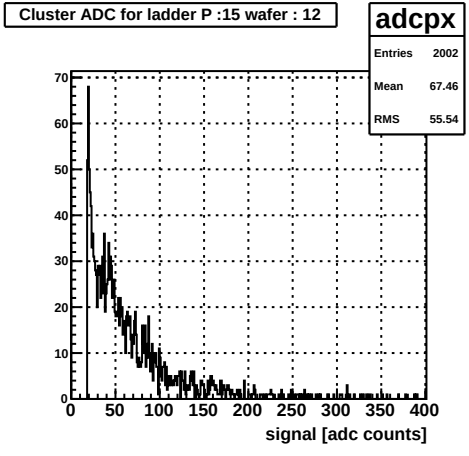

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 2468
Mean 89.05
RMS 63.39
signal [adc counts]

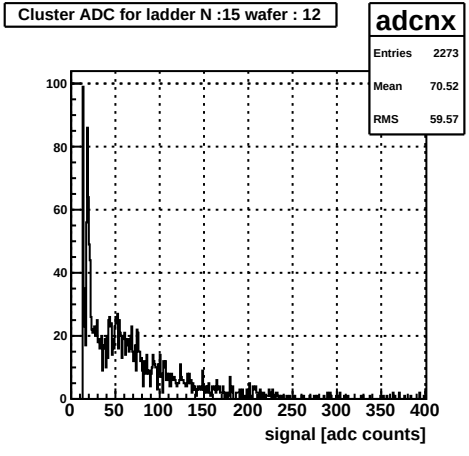

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 2159
Mean 83.4
RMS 62.48
signal [adc counts]

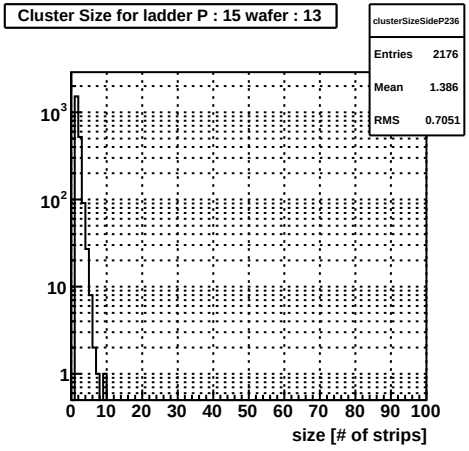

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2002
Mean 1.341
RMS 0.6539
size [# of strips]

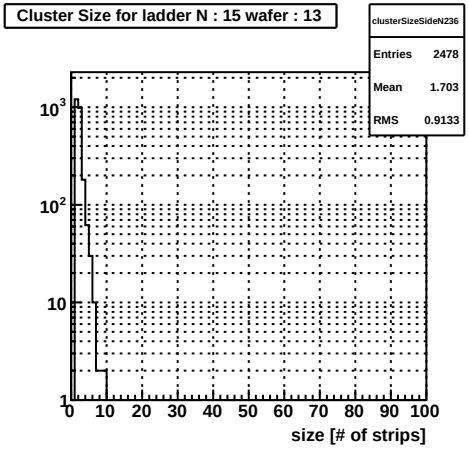

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 2273
Mean 1.596
RMS 0.9393
size [# of strips]

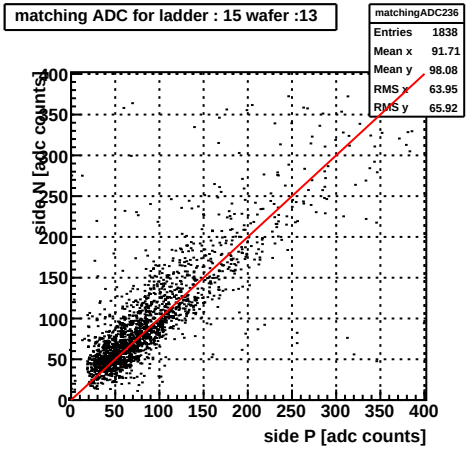

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 1104
Mean x 79.31
Mean y 86.71
RMS x 56.29
RMS y 60.69
side N [adc counts]
side P [adc counts]

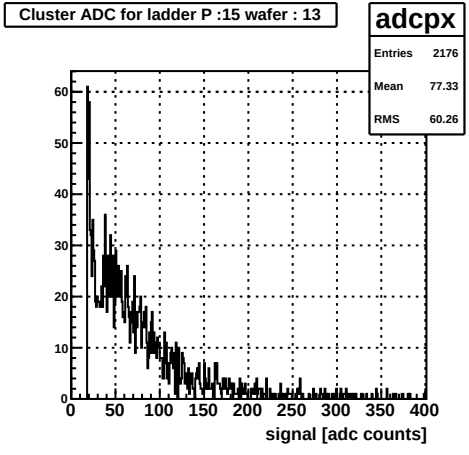

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2002
Mean 67.46
RMS 55.54
signal [adc counts]

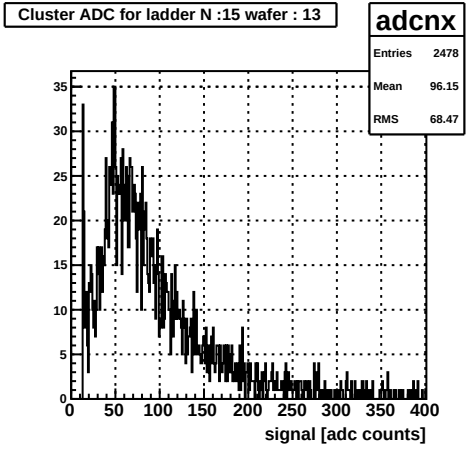

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 2273
Mean 70.52
RMS 59.57
signal [adc counts]

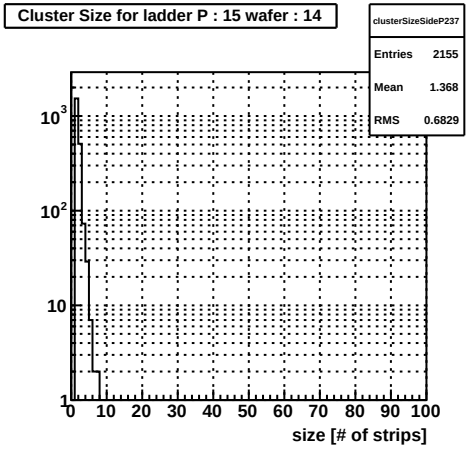

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 2176
Mean 1.386
RMS 0.7051
size [# of strips]

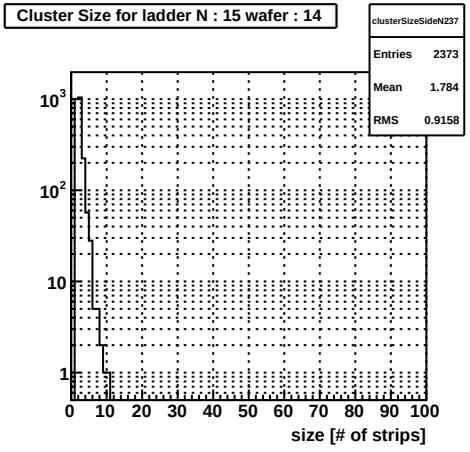

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2478
Mean 1.703
RMS 0.9133
size [# of strips]

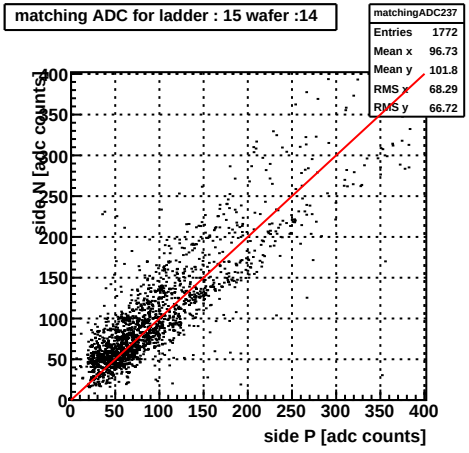

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1838
Mean x 91.71
Mean y 98.08
RMS x 63.95
RMS y 65.92
side N [adc counts]
side P [adc counts]

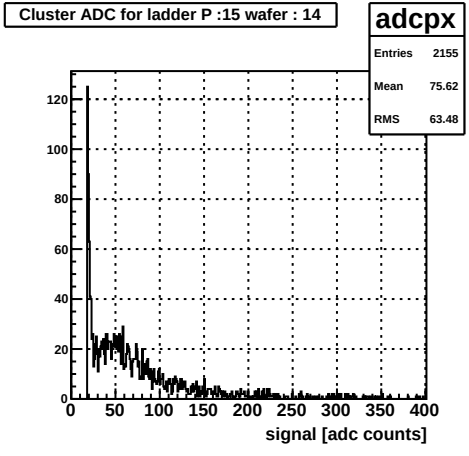

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 2176
Mean 77.33
RMS 60.26
signal [adc counts]

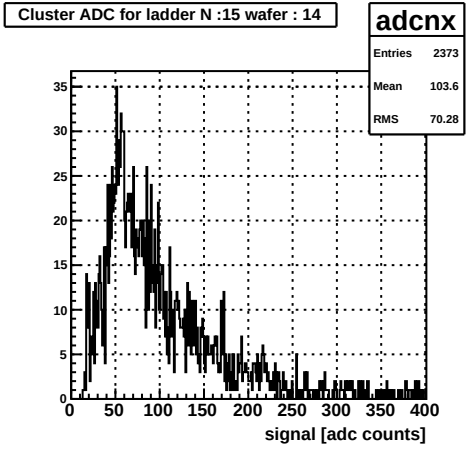

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2478
Mean 96.15
RMS 68.47
signal [adc counts]

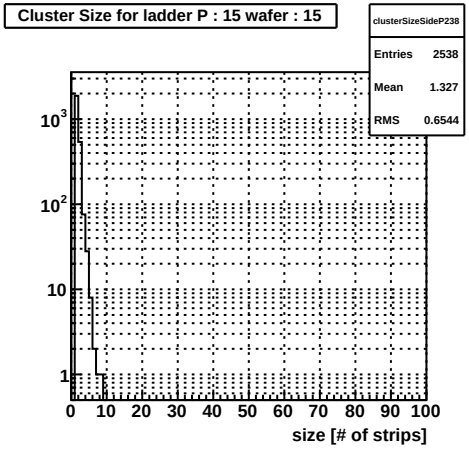

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 2155
Mean 1.368
RMS 0.6829
size [# of strips]

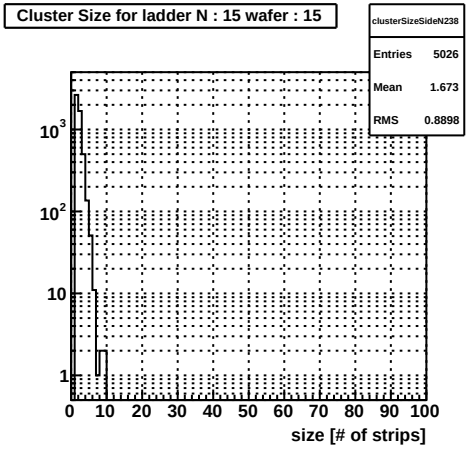

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2373
Mean 1.784
RMS 0.9158
size [# of strips]

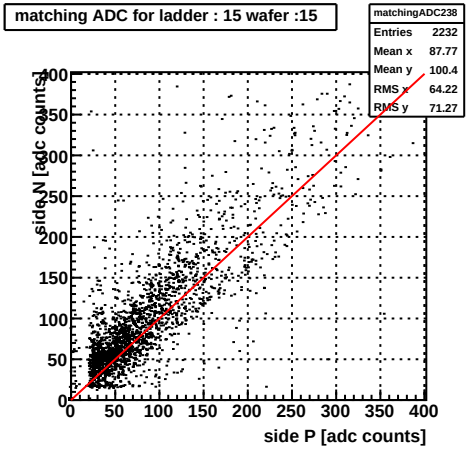

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1772
Mean x 96.73
Mean y 101.8
RMS x 68.29
RMS y 66.72
side N [adc counts]
side P [adc counts]

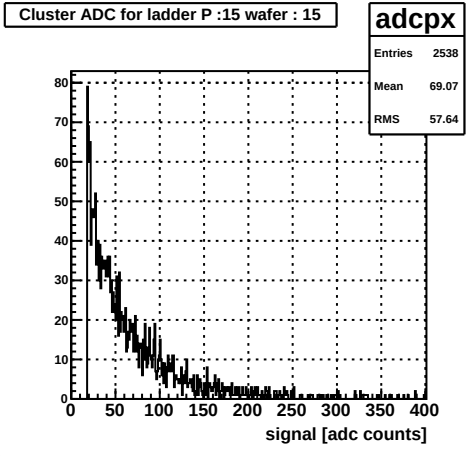

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 2155
Mean 75.62
RMS 63.48
signal [adc counts]

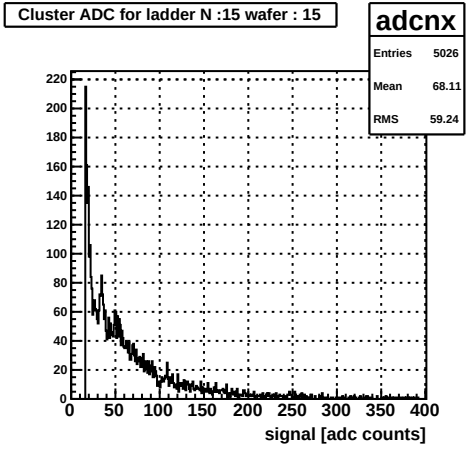

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2373
Mean 103.6
RMS 70.28
signal [adc counts]

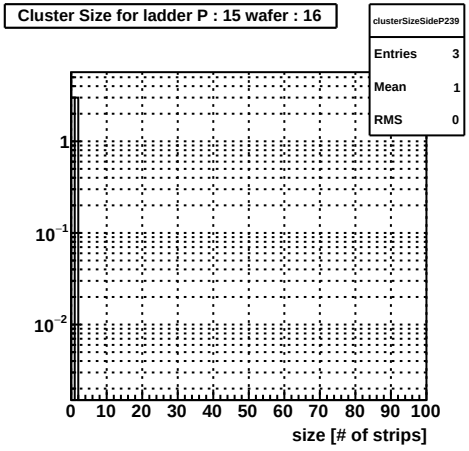

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2538
Mean 1.327
RMS 0.6544
size [# of strips]

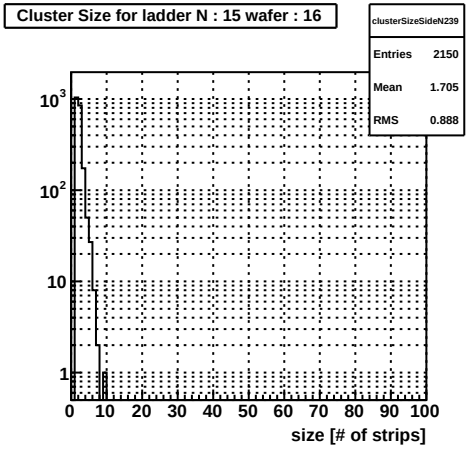

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 5026
Mean 1.673
RMS 0.8898
size [# of strips]

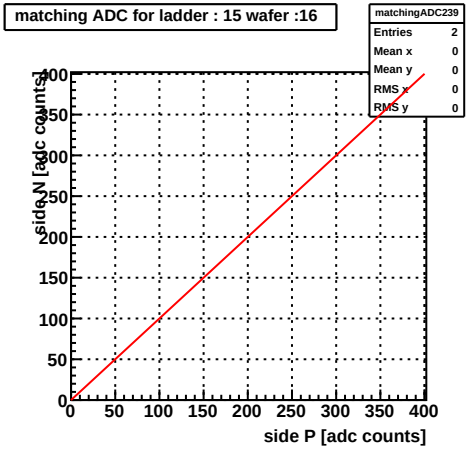

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 2232
Mean x 87.77
Mean y 100.4
RMS x 64.22
RMS y 71.27
side N [adc counts]
side P [adc counts]

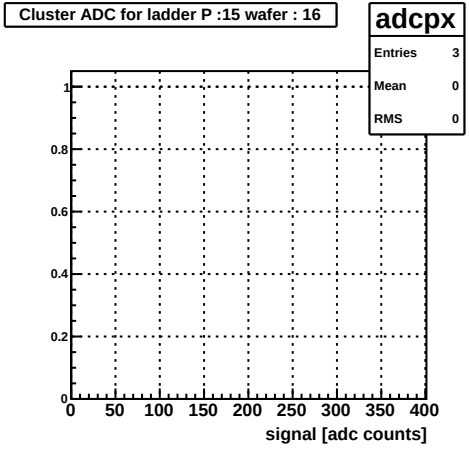

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2538
Mean 69.07
RMS 57.64
signal [adc counts]

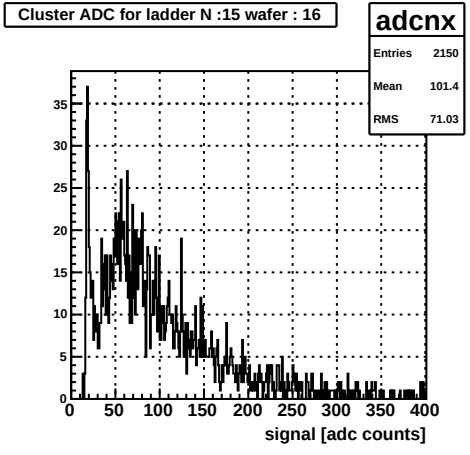

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 5026
Mean 68.11
RMS 59.24
signal [adc counts]

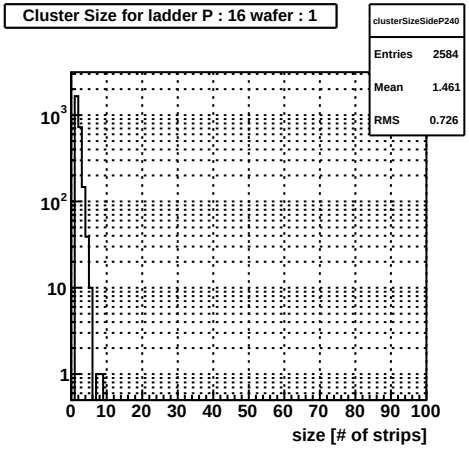

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 3
Mean 1
RMS 0
size [# of strips]

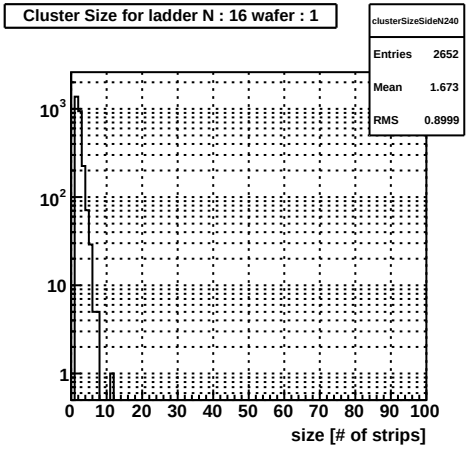

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2150
Mean 1.705
RMS 0.888
size [# of strips]

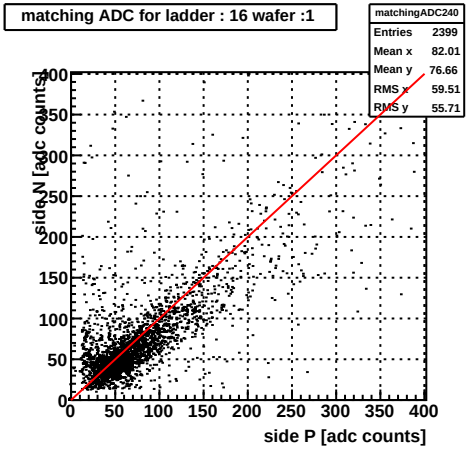

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

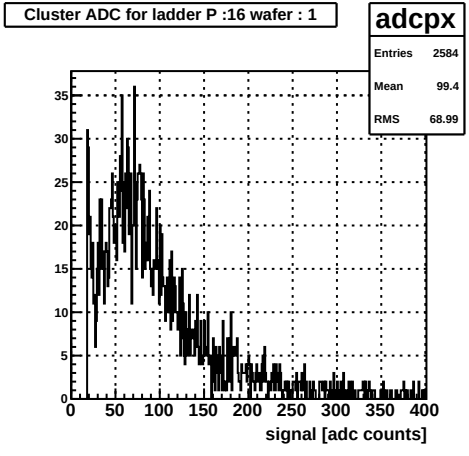

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

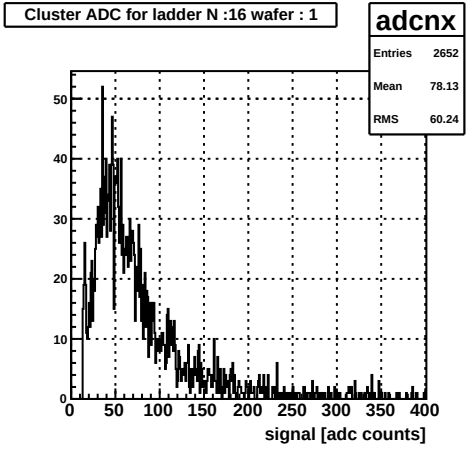

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2150
Mean 101.4
RMS 71.03
signal [adc counts]

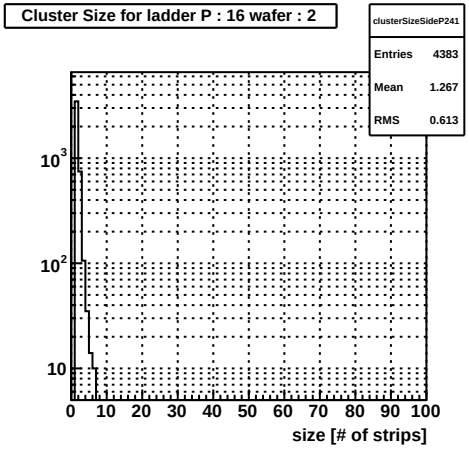

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 2584
Mean 1.461
RMS 0.726
size [# of strips]

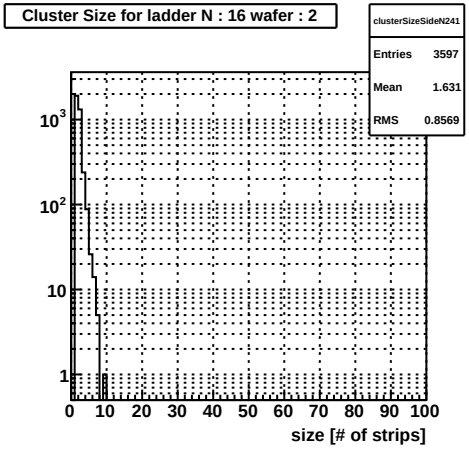

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 2652
Mean 1.673
RMS 0.8999
size [# of strips]

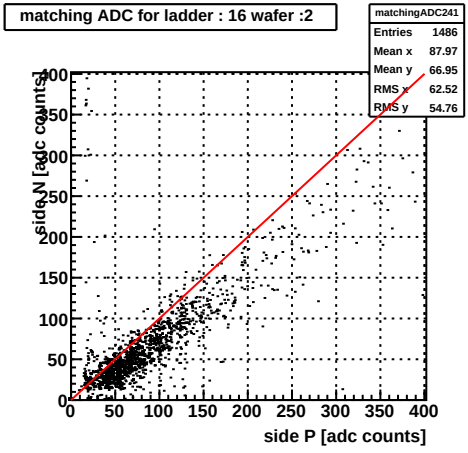

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 2399
Mean x 82.01
Mean y 76.66
RMS x 59.51
RMS y 55.71
side N [adc counts]
side P [adc counts]

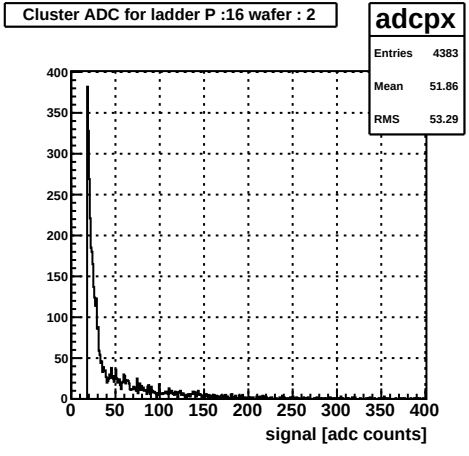

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 2584
Mean 99.4
RMS 68.99
signal [adc counts]

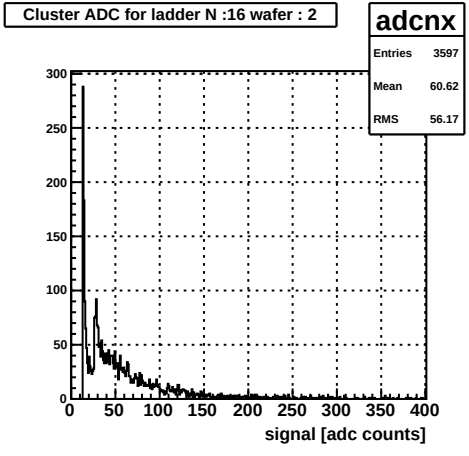

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 2652
Mean 78.13
RMS 60.24
signal [adc counts]

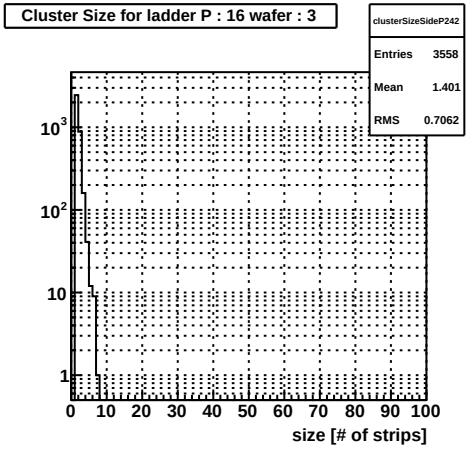

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 4383
Mean 1.267
RMS 0.613
size [# of strips]

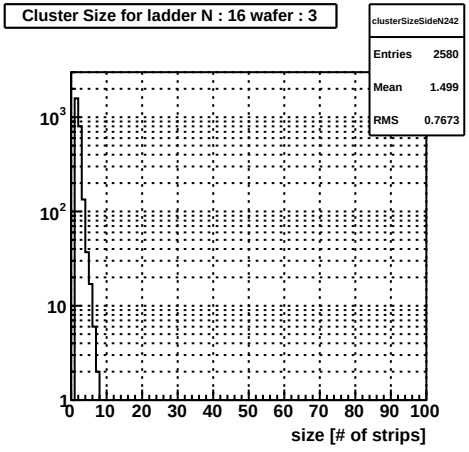

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 3597
Mean 1.631
RMS 0.8569
size [# of strips]

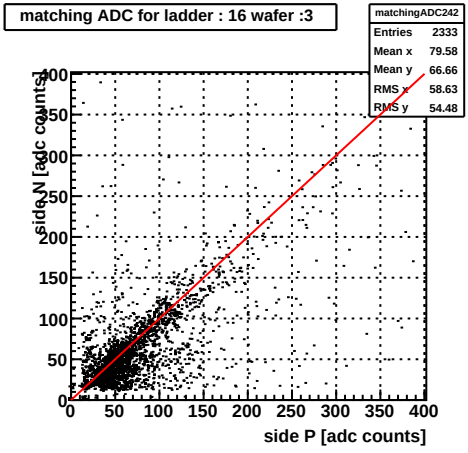

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 1486
Mean x 87.97
Mean y 66.95
RMS x 62.52
RMS y 54.76
side N [adc counts]
side P [adc counts]

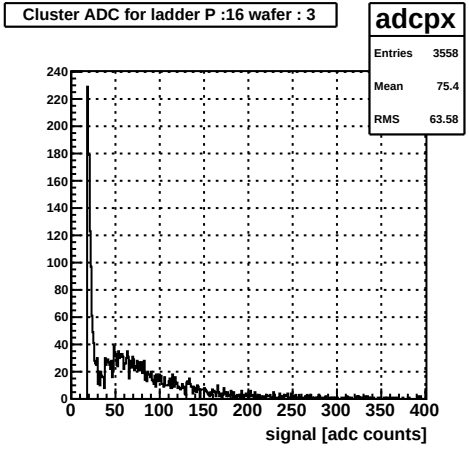

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 4383
Mean 51.86
RMS 53.29
signal [adc counts]

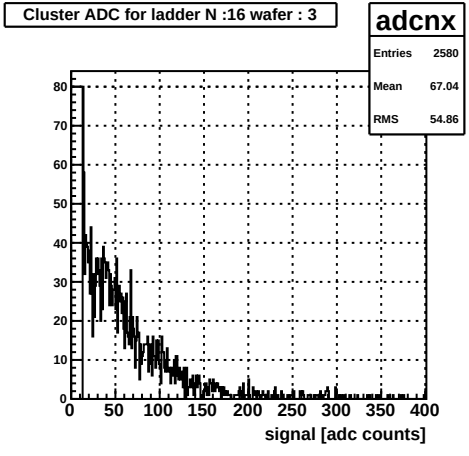

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 3597
Mean 60.62
RMS 56.17
signal [adc counts]

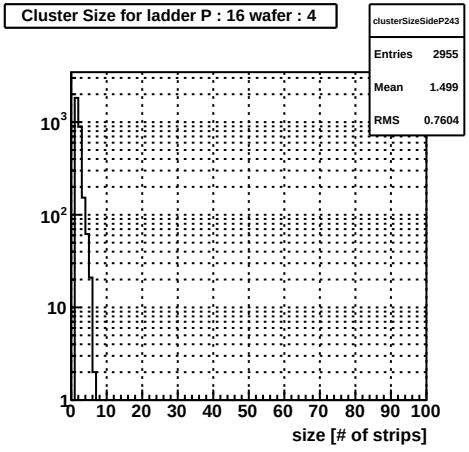

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 3558
Mean 1.401
RMS 0.7062
size [# of strips]

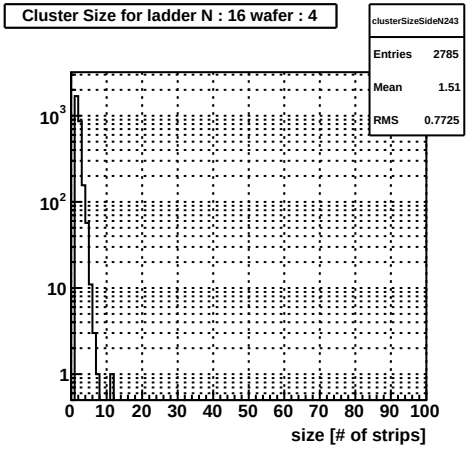

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 2580
Mean 1.499
RMS 0.7673
size [# of strips]

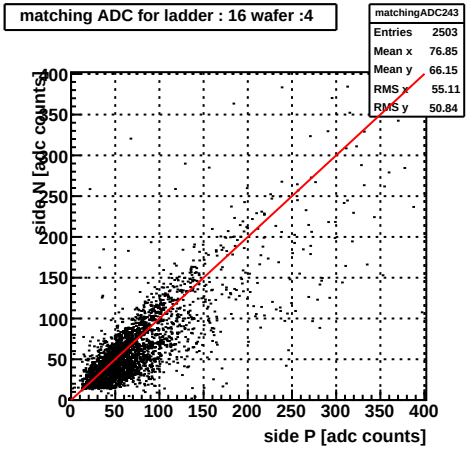

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 2333
Mean x 79.58
Mean y 66.66
RMS x 58.63
RMS y 54.48
side N [adc counts]
side P [adc counts]

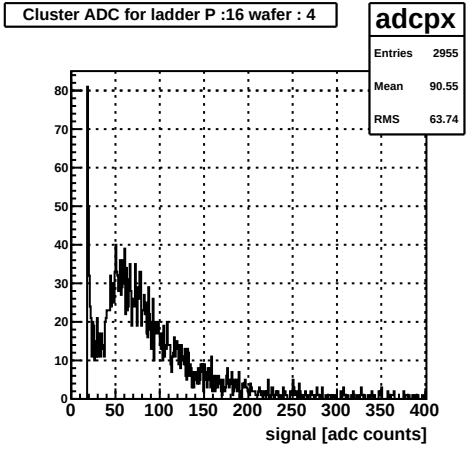

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 3558
Mean 75.4
RMS 63.58
signal [adc counts]

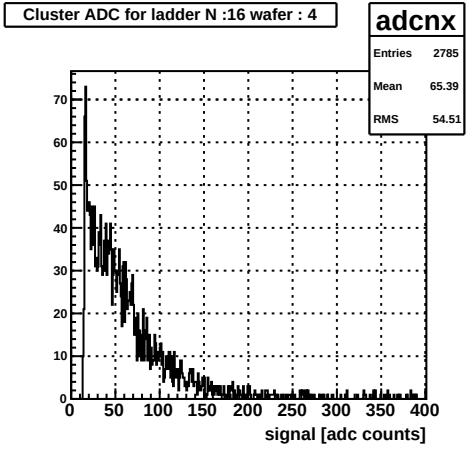

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 2580
Mean 67.04
RMS 54.86
signal [adc counts]

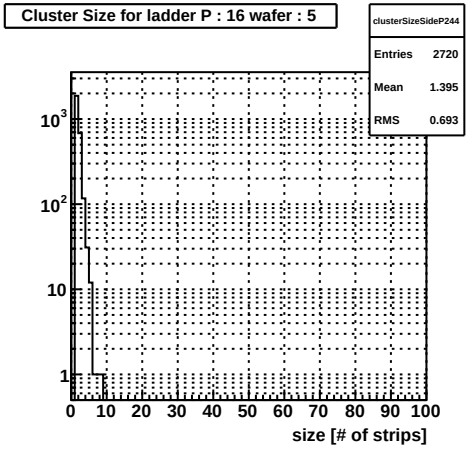

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 2955
Mean 1.499
RMS 0.7604
size [# of strips]

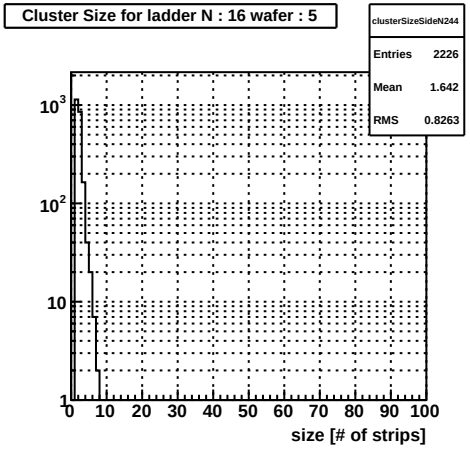

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 2785
Mean 1.51
RMS 0.7725
size [# of strips]

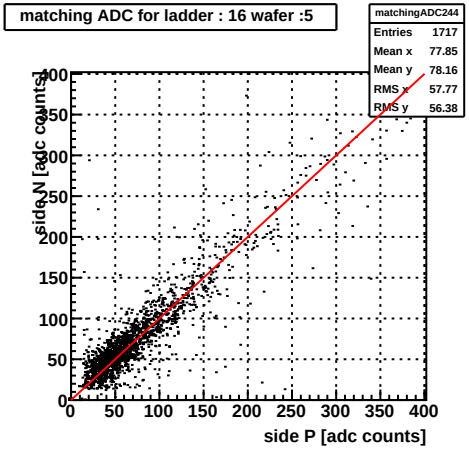

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 2503
Mean x 76.85
Mean y 66.15
RMS x 55.11
RMS y 50.84
side N [adc counts]
side P [adc counts]

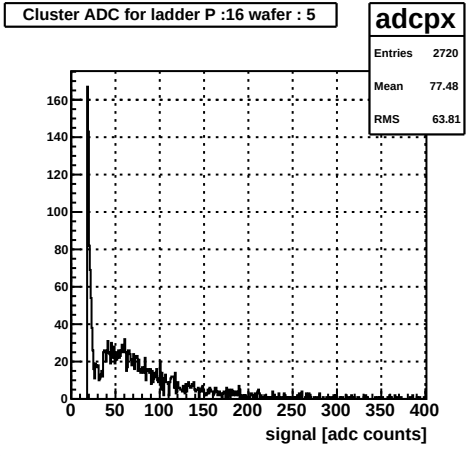

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 2955
Mean 90.55
RMS 63.74
signal [adc counts]

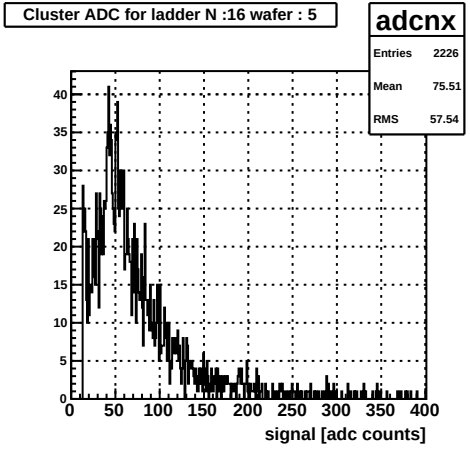

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 2785
Mean 65.39
RMS 54.51
signal [adc counts]

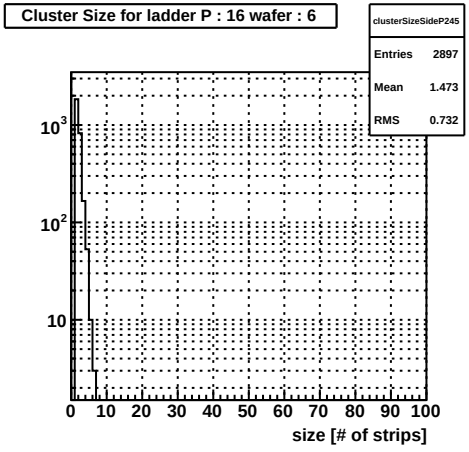

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 2720
Mean 1.395
RMS 0.693
size [# of strips]

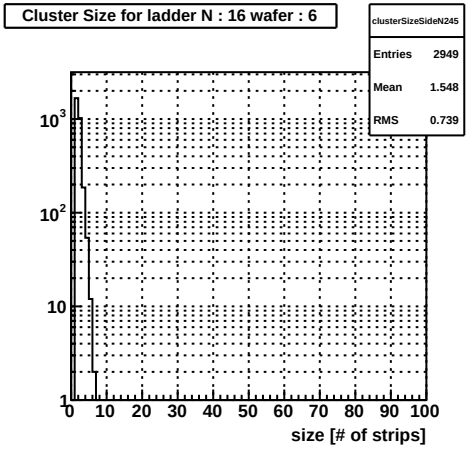

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2226
Mean 1.642
RMS 0.8263
size [# of strips]

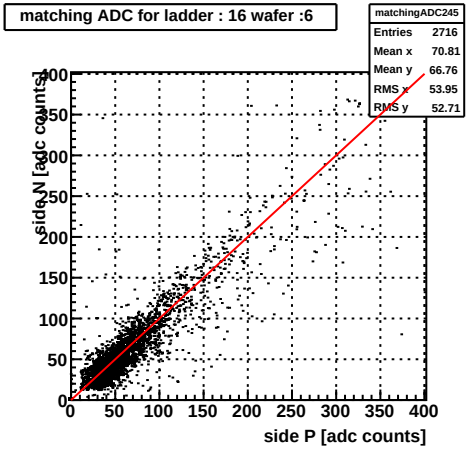

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1717
Mean x 77.85
Mean y 78.16
RMS x 57.77
RMS y 56.38
side N [adc counts]
side P [adc counts]

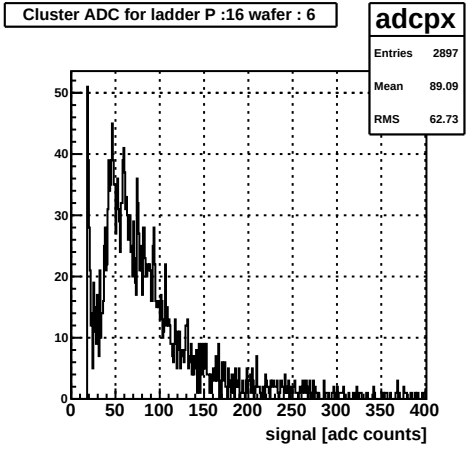

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 2720
Mean 77.48
RMS 63.81
signal [adc counts]

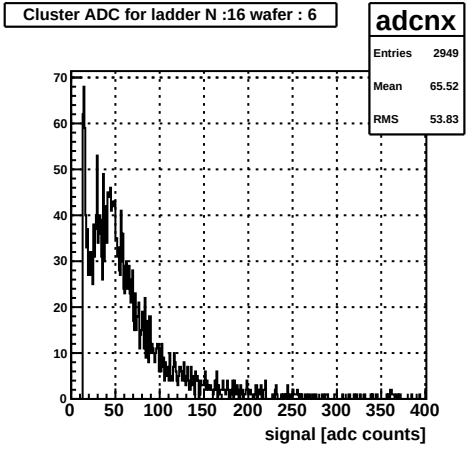

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2226
Mean 75.51
RMS 57.54
signal [adc counts]

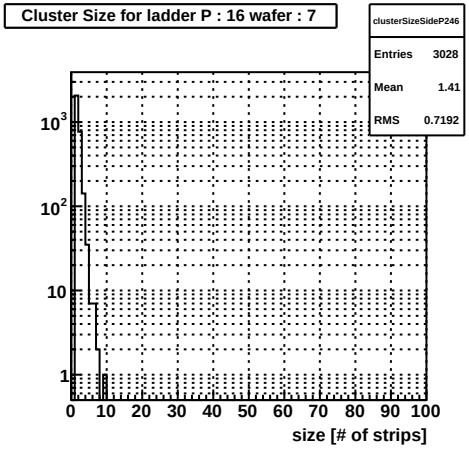

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 2897
Mean 1.473
RMS 0.732
size [# of strips]

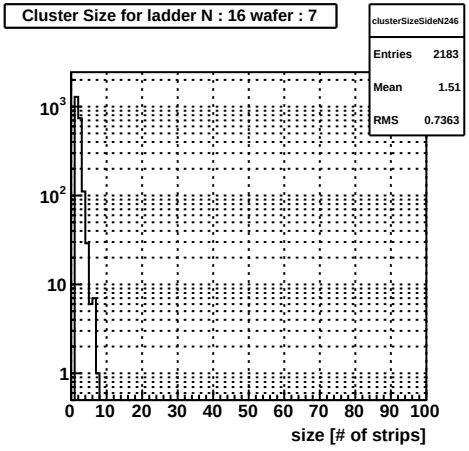

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 2949
Mean 1.548
RMS 0.739
size [# of strips]

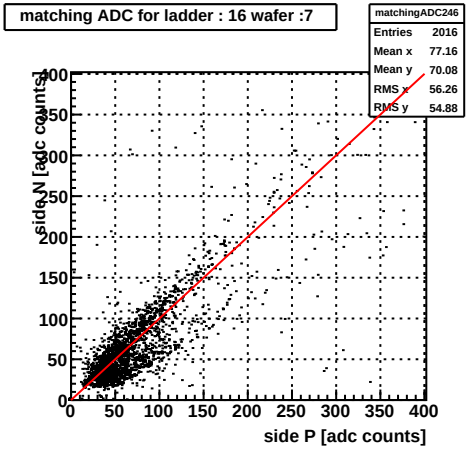

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 2716
Mean x 70.81
Mean y 66.76
RMS x 53.95
RMS y 52.71
side N [adc counts]
side P [adc counts]

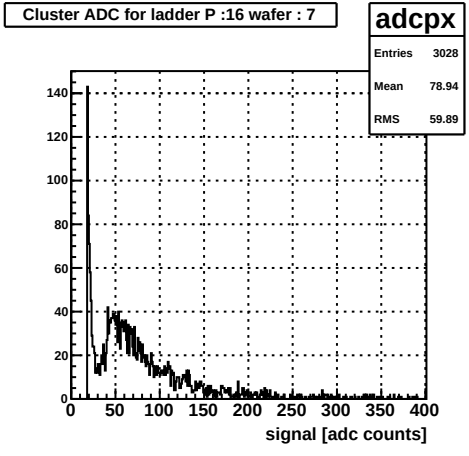

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 2897
Mean 89.09
RMS 62.73
signal [adc counts]

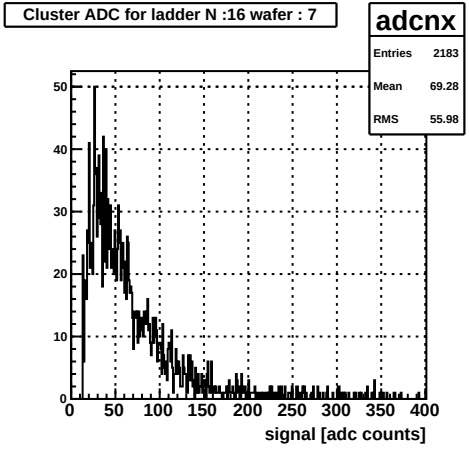

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 2949
Mean 65.52
RMS 53.83
signal [adc counts]

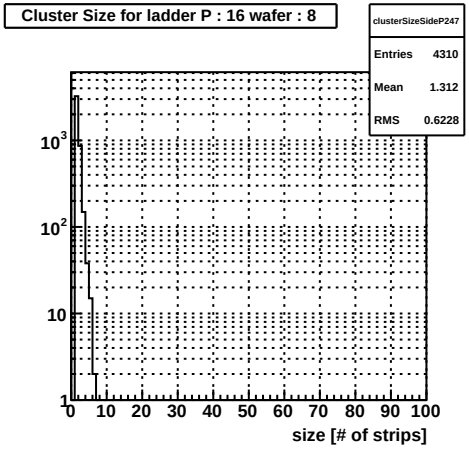

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 3028
Mean 1.41
RMS 0.7192
size [# of strips]

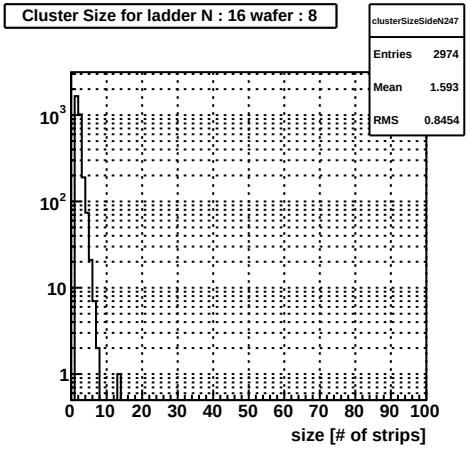

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 2183
Mean 1.51
RMS 0.7363
size [# of strips]

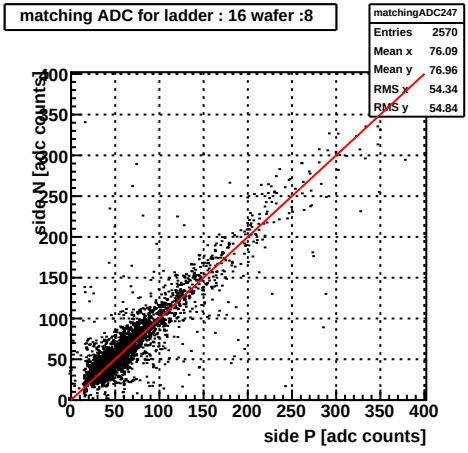

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 2016
Mean x 77.16
Mean y 70.08
RMS x 56.26
RMS y 54.88
side N [adc counts]
side P [adc counts]

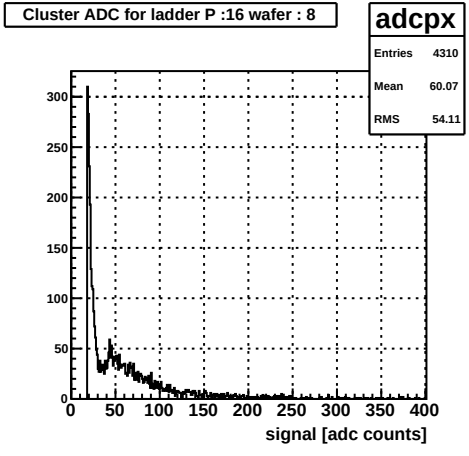

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 3028
Mean 78.94
RMS 59.89
signal [adc counts]

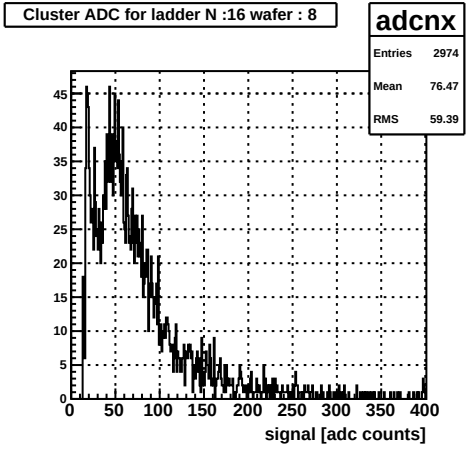

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 2183
Mean 69.28
RMS 55.98
signal [adc counts]

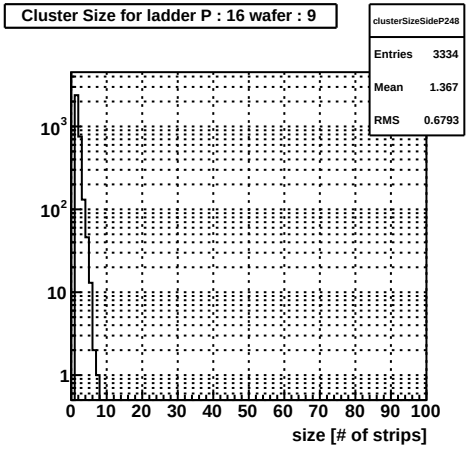

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 4310
Mean 1.312
RMS 0.6228
size [# of strips]

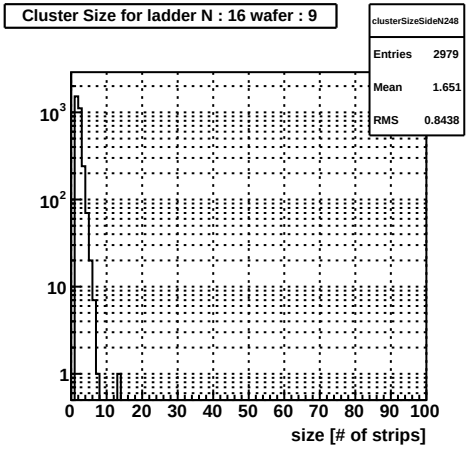

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2974
Mean 1.593
RMS 0.8454
size [# of strips]

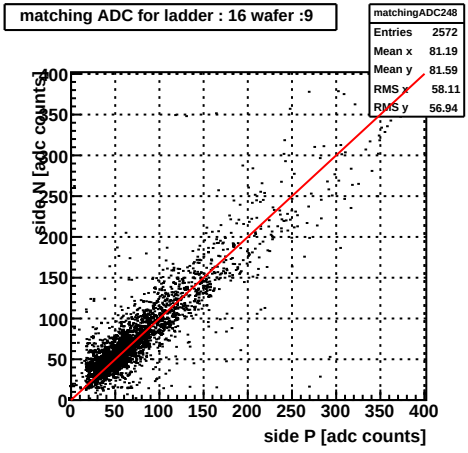

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 2570
Mean x 76.09
Mean y 76.96
RMS x 54.34
RMS y 54.84
side N [adc counts]
side P [adc counts]

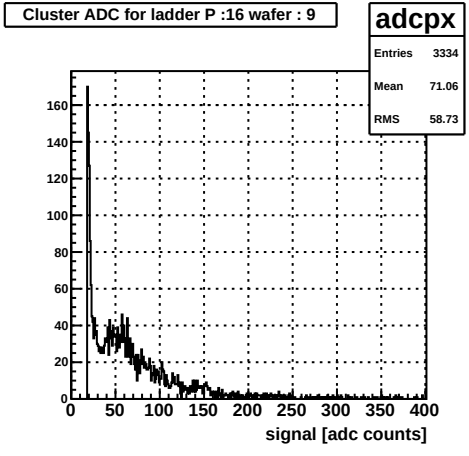

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 4310
Mean 60.07
RMS 54.11
signal [adc counts]

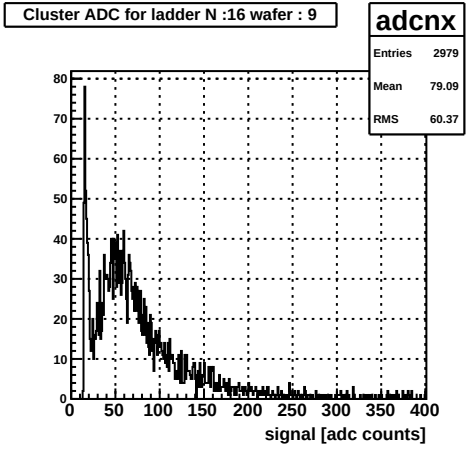

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2974
Mean 76.47
RMS 59.39
signal [adc counts]

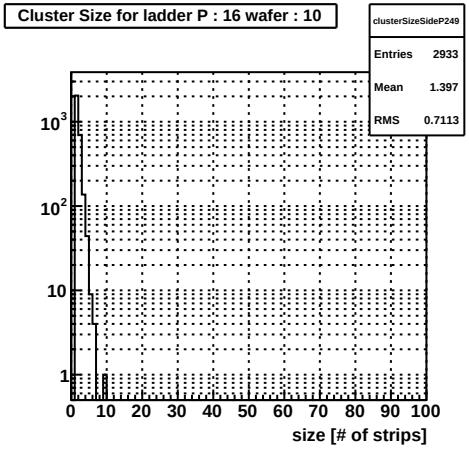

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 3334
Mean 1.367
RMS 0.6793
size [# of strips]

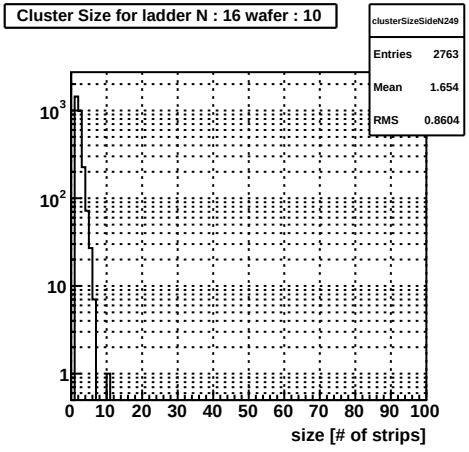

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 2979
Mean 1.651
RMS 0.8438
size [# of strips]

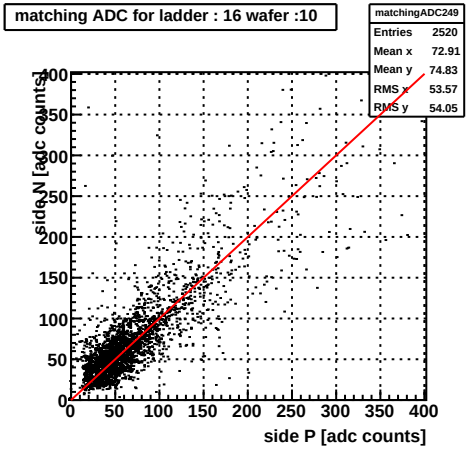

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 2572
Mean x 81.19
Mean y 81.59
RMS x 58.11
RMS y 56.94
side N [adc counts]
side P [adc counts]

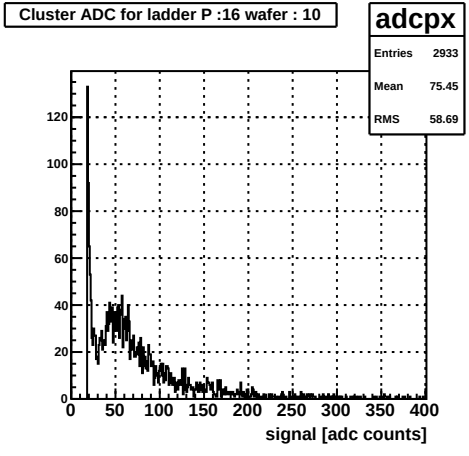

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 3334
Mean 71.06
RMS 58.73
signal [adc counts]

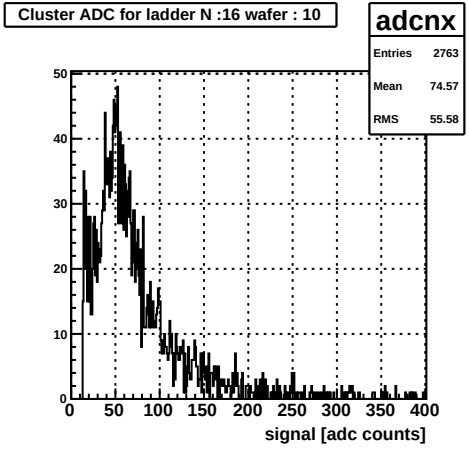

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 2979
Mean 79.09
RMS 60.37
signal [adc counts]

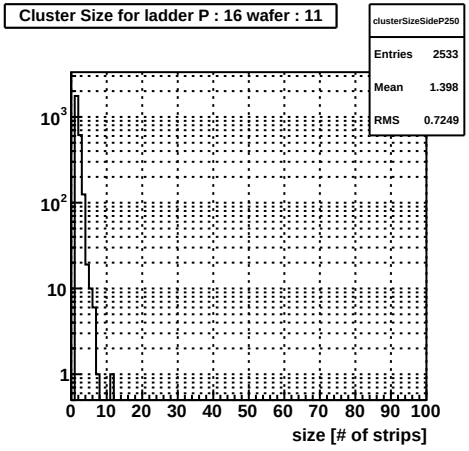

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 2933
Mean 1.397
RMS 0.7113
size [# of strips]

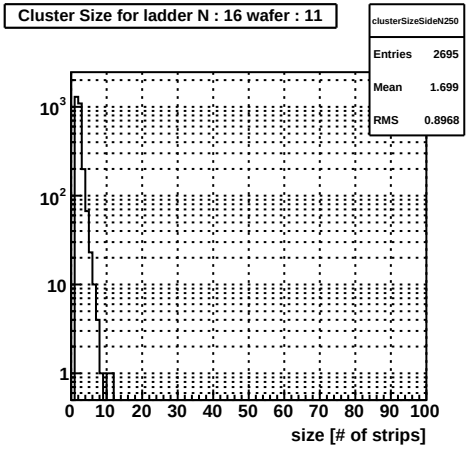

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 2763
Mean 1.654
RMS 0.8604
size [# of strips]

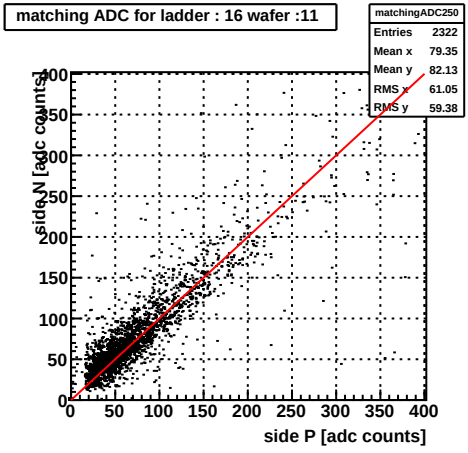

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 2520
Mean x 72.91
Mean y 74.83
RMS x 53.57
RMS y 54.05
side N [adc counts]
side P [adc counts]

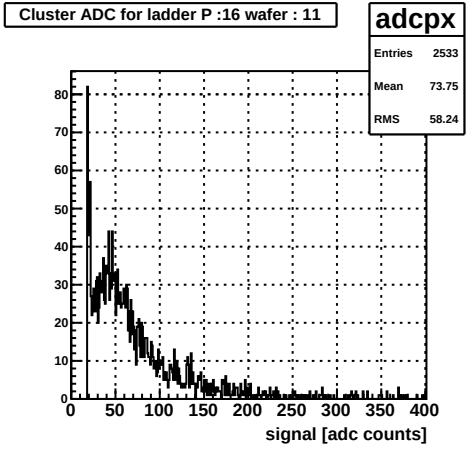

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 2933
Mean 75.45
RMS 58.69
signal [adc counts]

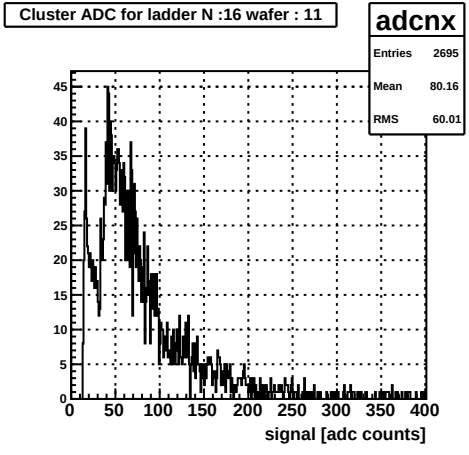

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 2763
Mean 74.57
RMS 55.58
signal [adc counts]

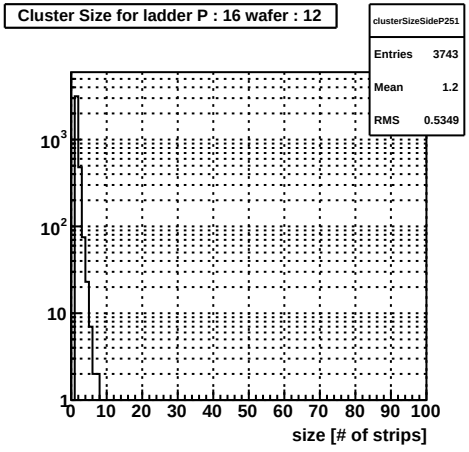

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2533
Mean 1.398
RMS 0.7249
size [# of strips]

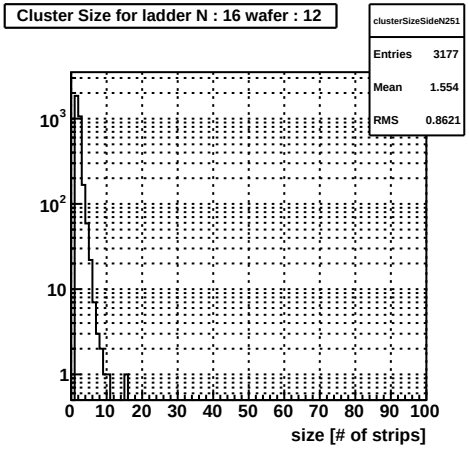

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 2695
Mean 1.699
RMS 0.8968
size [# of strips]

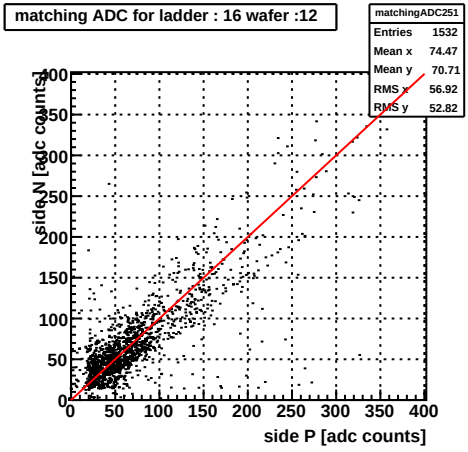

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 2322
Mean x 79.35
Mean y 82.13
RMS x 61.05
RMS y 59.38
side N [adc counts]
side P [adc counts]

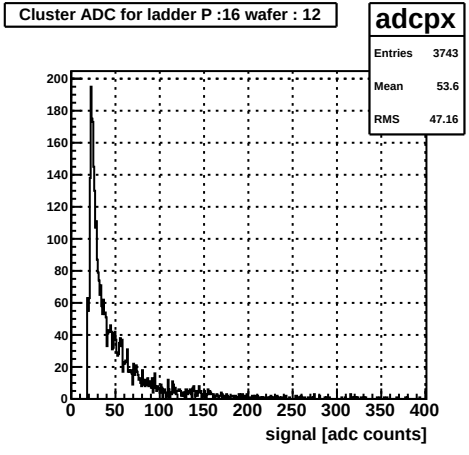

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2533
Mean 73.75
RMS 58.24
signal [adc counts]

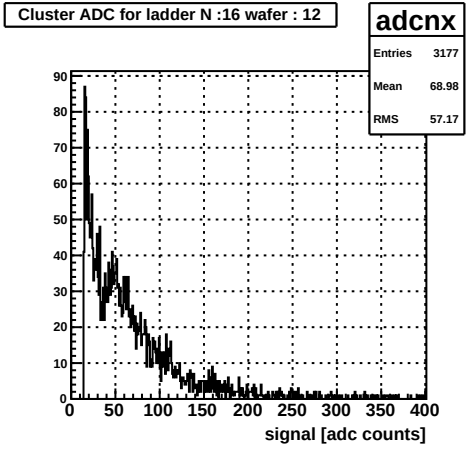

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 2695
Mean 80.16
RMS 60.01
signal [adc counts]

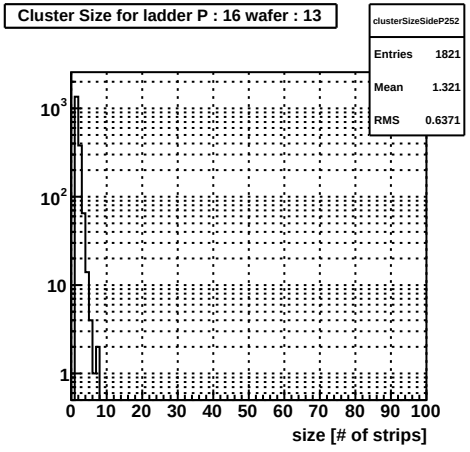

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3743
Mean 1.2
RMS 0.5349
size [# of strips]

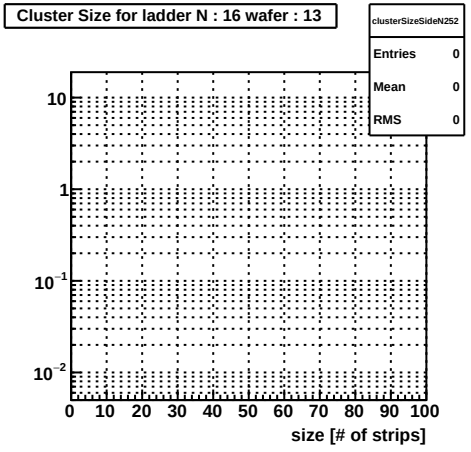

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3177
Mean 1.554
RMS 0.8621
size [# of strips]

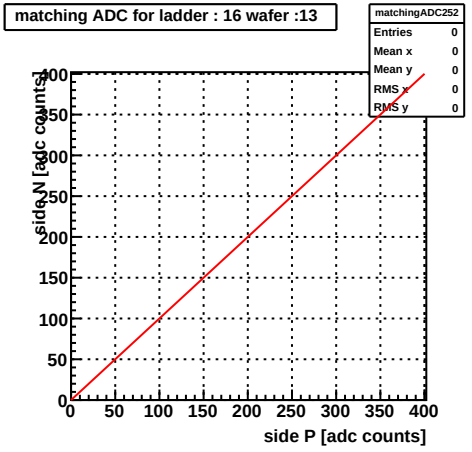

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 1532
Mean x 74.47
Mean y 70.71
RMS x 56.92
RMS y 52.82
side N [adc counts]
side P [adc counts]

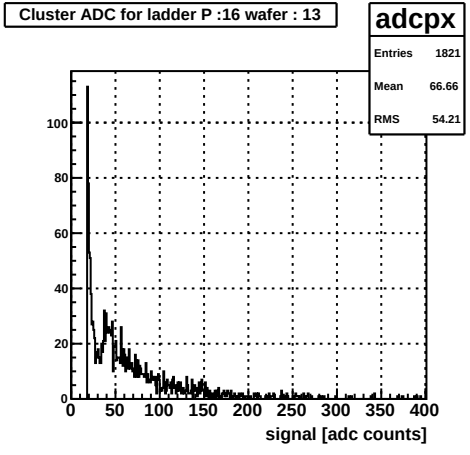

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3743
Mean 53.6
RMS 47.16
signal [adc counts]

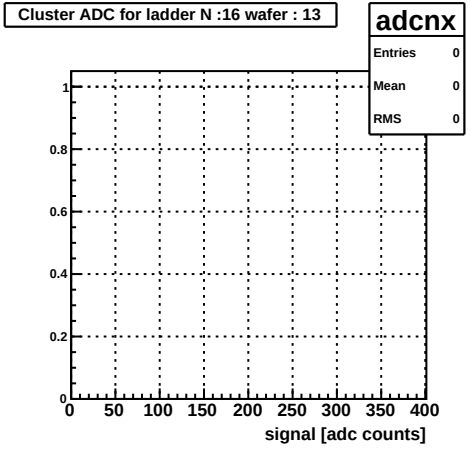

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3177
Mean 68.98
RMS 57.17
signal [adc counts]

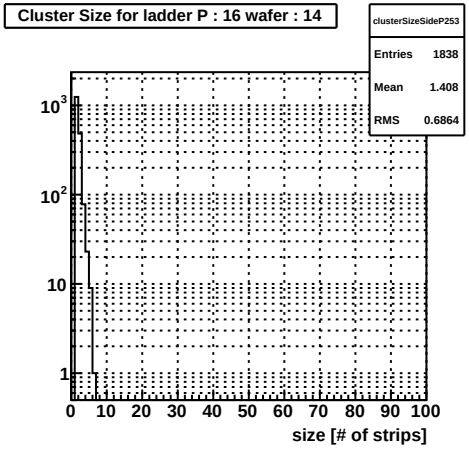

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1821
Mean 1.321
RMS 0.6371
size [# of strips]

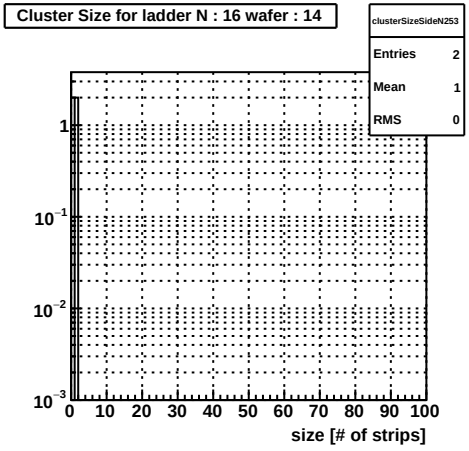

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

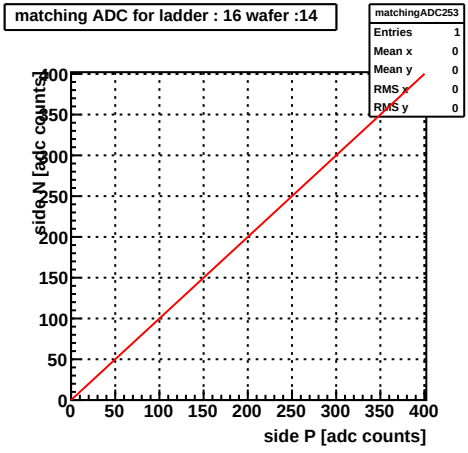

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

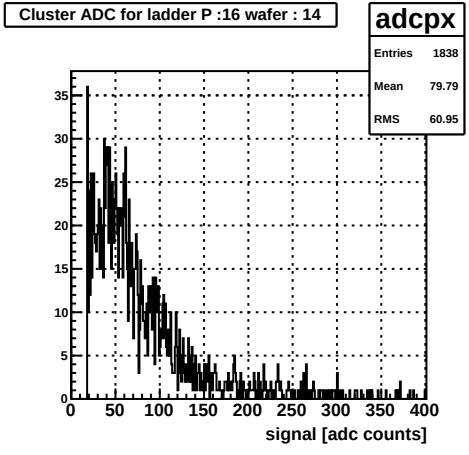

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1821
Mean 66.66
RMS 54.21
signal [adc counts]

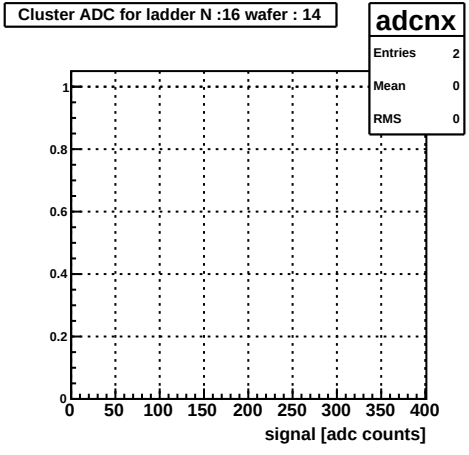

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

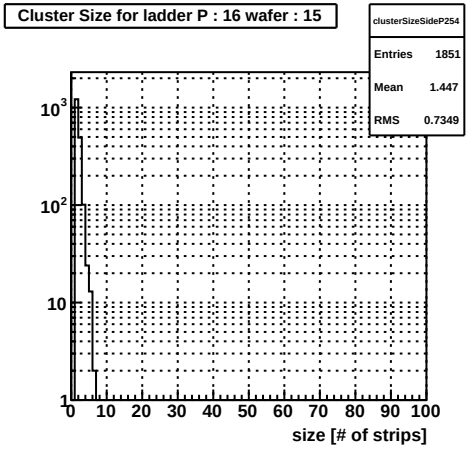

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1838
Mean 1.408
RMS 0.6864
size [# of strips]

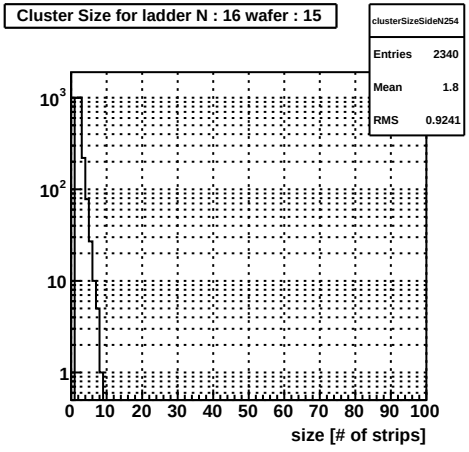

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 2
Mean 1
RMS 0
size [# of strips]

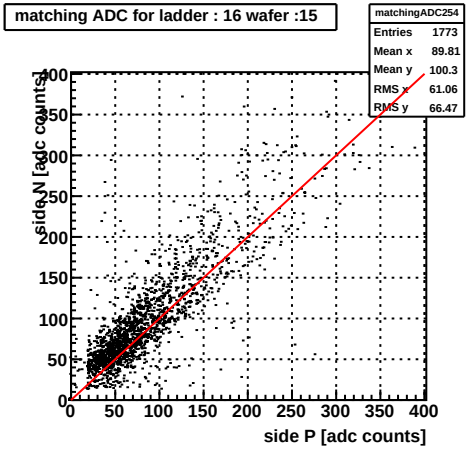

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

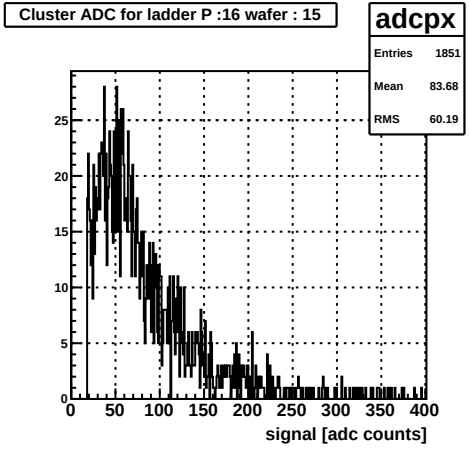

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1838
Mean 79.79
RMS 60.95
signal [adc counts]

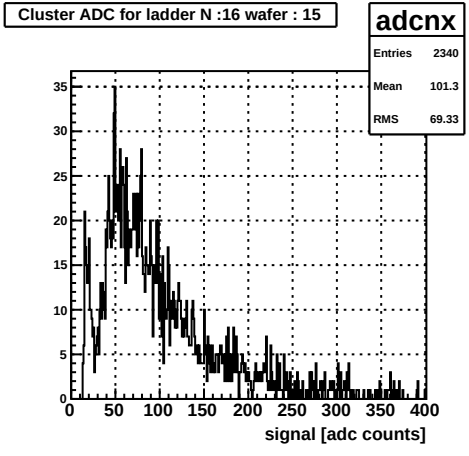

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

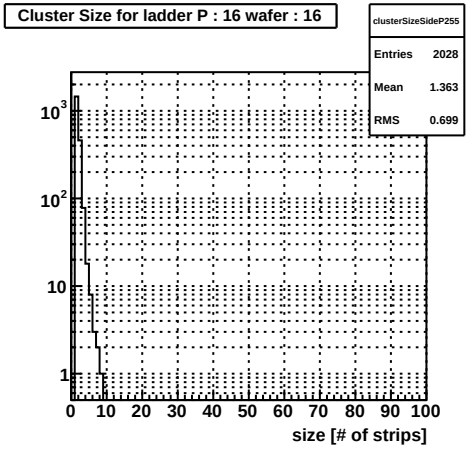

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 1851
Mean 1.447
RMS 0.7349
size [# of strips]

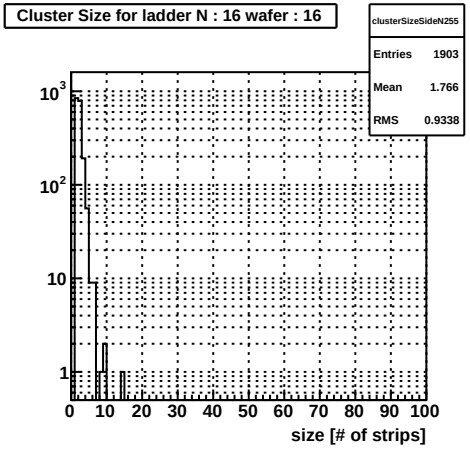

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 2340
Mean 1.8
RMS 0.9241
size [# of strips]

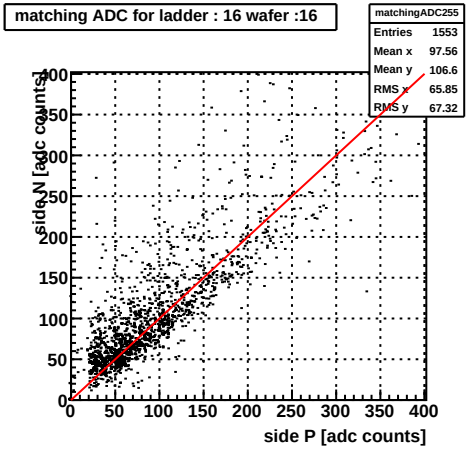

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1773
Mean x 89.81
Mean y 100.3
RMS x 61.06
RMS y 66.47
side N [adc counts]
side P [adc counts]

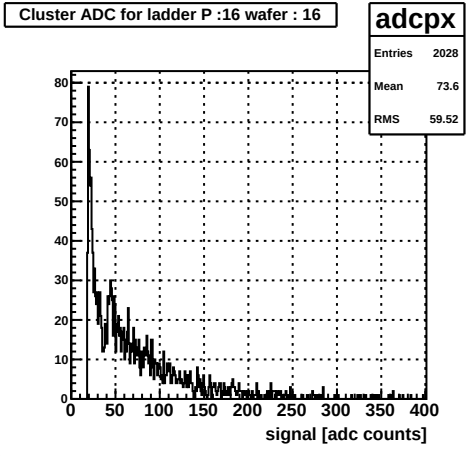

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 1851
Mean 83.68
RMS 60.19
signal [adc counts]

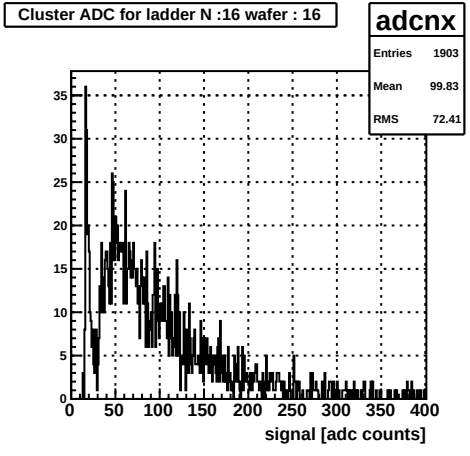

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 2340
Mean 101.3
RMS 69.33
signal [adc counts]

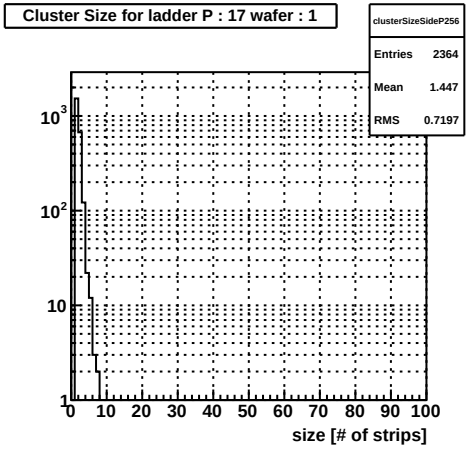

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 2028
Mean 1.363
RMS 0.699
size [# of strips]

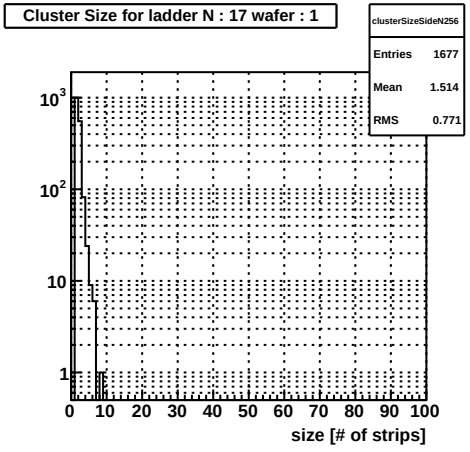

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1903
Mean 1.766
RMS 0.9338
size [# of strips]

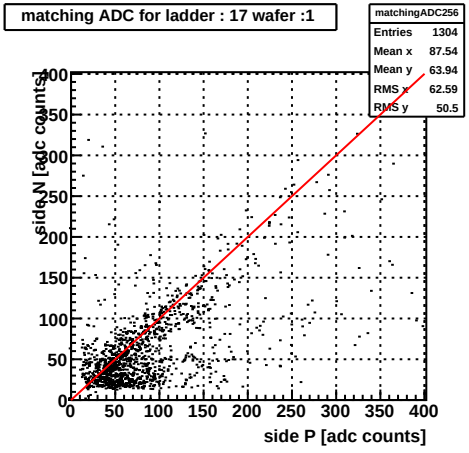

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1553
Mean x 97.56
Mean y 106.6
RMS x 65.85
RMS y 67.32
side N [adc counts]
side P [adc counts]

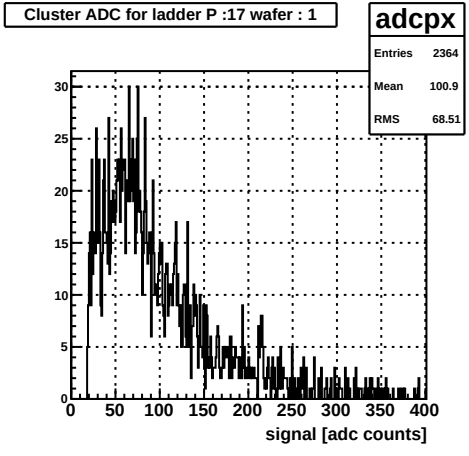

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 2028
Mean 73.6
RMS 59.52
signal [adc counts]

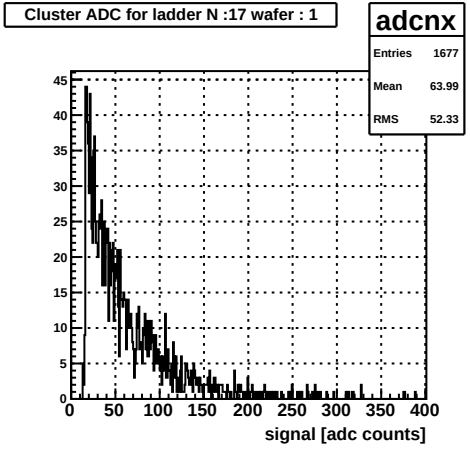

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1903
Mean 99.83
RMS 72.41
signal [adc counts]

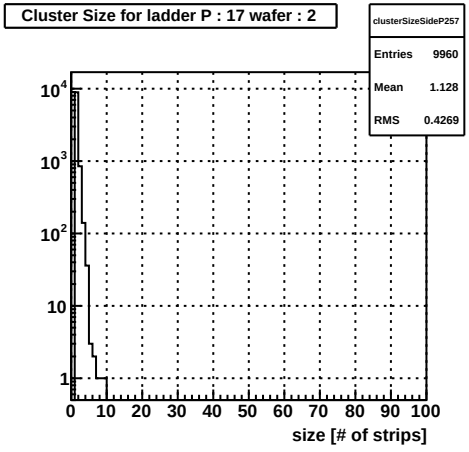

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 2364
Mean 1.447
RMS 0.7197
size [# of strips]

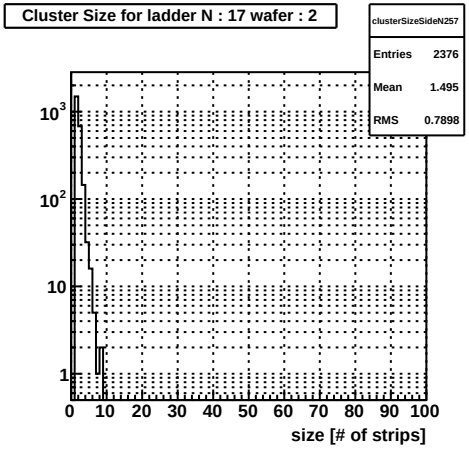

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1677
Mean 1.514
RMS 0.771
size [# of strips]

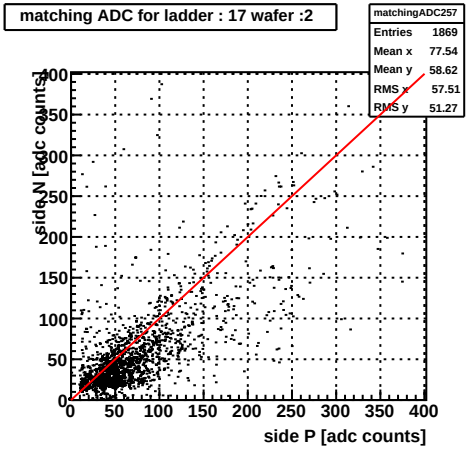

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 1304
Mean x 87.54
Mean y 63.94
RMS x 62.59
RMS y 50.5
side N [adc counts]
side P [adc counts]

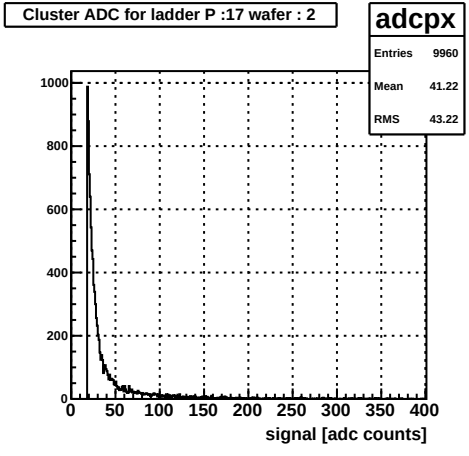

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 2364
Mean 100.9
RMS 68.51
signal [adc counts]

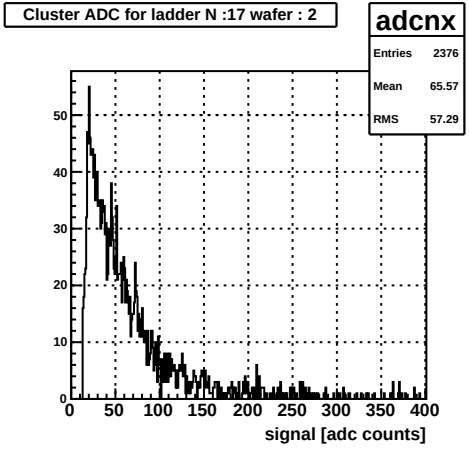

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1677
Mean 63.99
RMS 52.33
signal [adc counts]

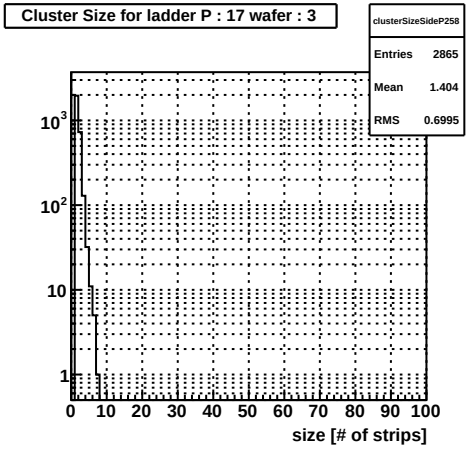

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 9960
Mean 1.128
RMS 0.4269
size [# of strips]

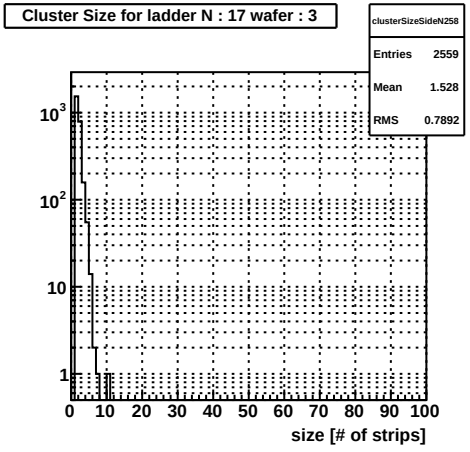

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 2376
Mean 1.495
RMS 0.7898
size [# of strips]

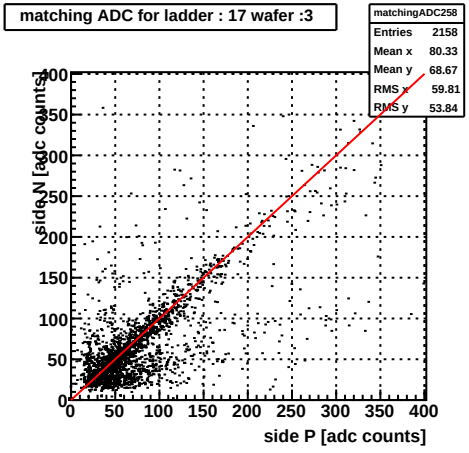

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 1869
Mean x 77.54
Mean y 58.62
RMS x 57.51
RMS y 51.27
side N [adc counts]
side P [adc counts]

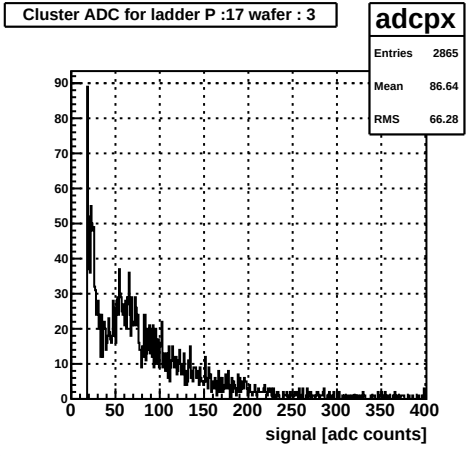

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 9960
Mean 41.22
RMS 43.22
signal [adc counts]

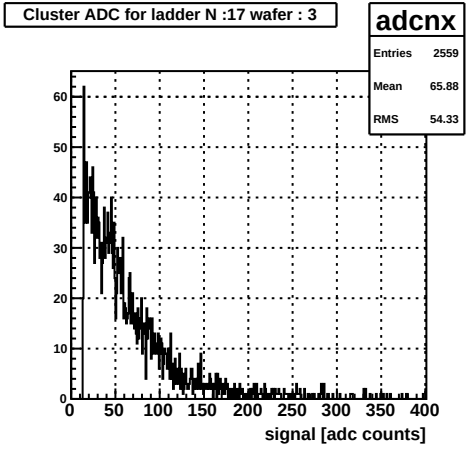

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 2376
Mean 65.57
RMS 57.29
signal [adc counts]

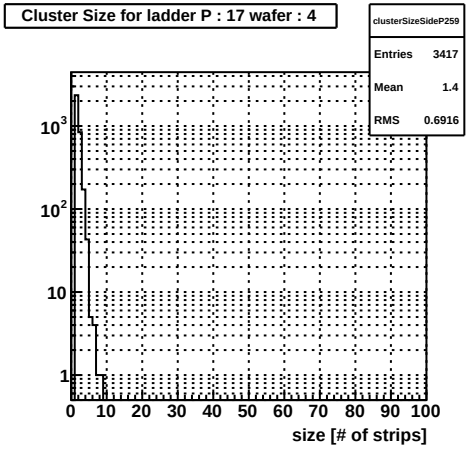

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 2865
Mean 1.404
RMS 0.6995
size [# of strips]

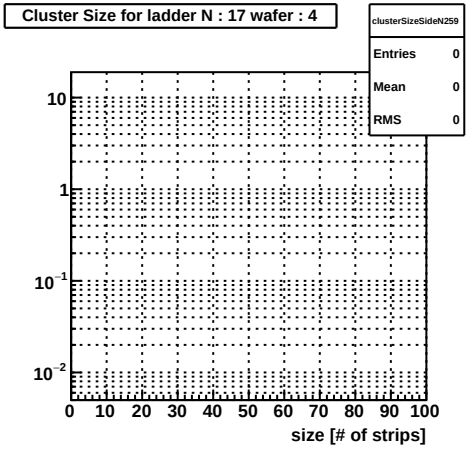

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 2559
Mean 1.528
RMS 0.7892
size [# of strips]

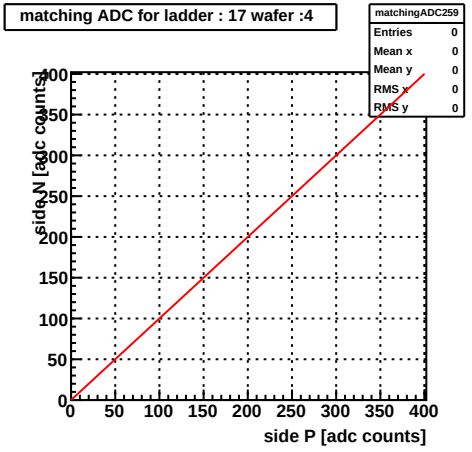

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 2158
Mean x 80.33
Mean y 68.67
RMS x 59.81
RMS y 53.84
side N [adc counts]
side P [adc counts]

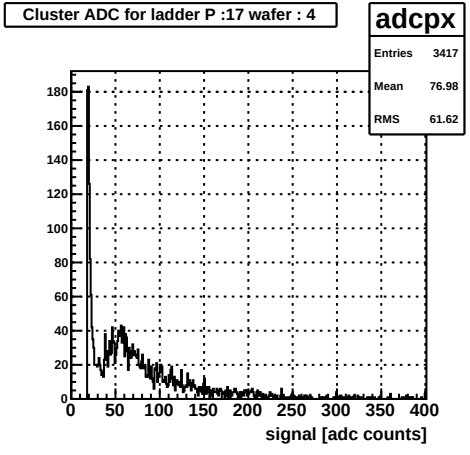

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 2865
Mean 86.64
RMS 66.28
signal [adc counts]

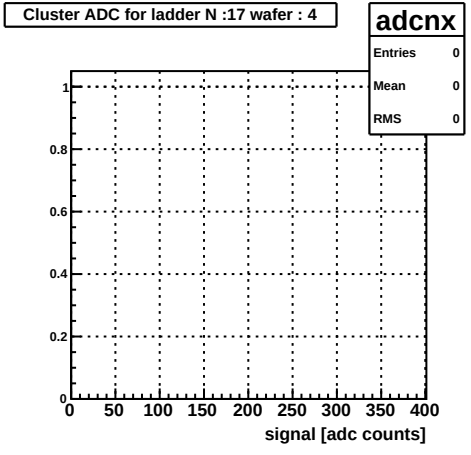

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 2559
Mean 65.88
RMS 54.33
signal [adc counts]

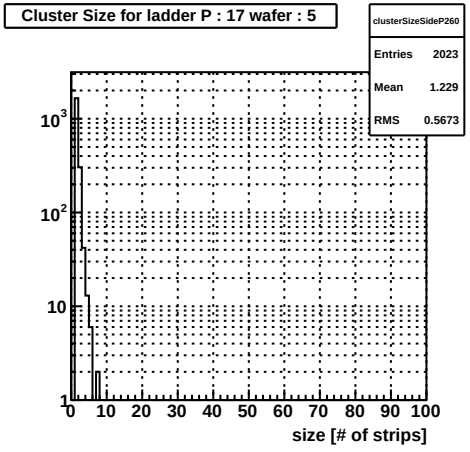

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 3417
Mean 1.4
RMS 0.6916
size [# of strips]

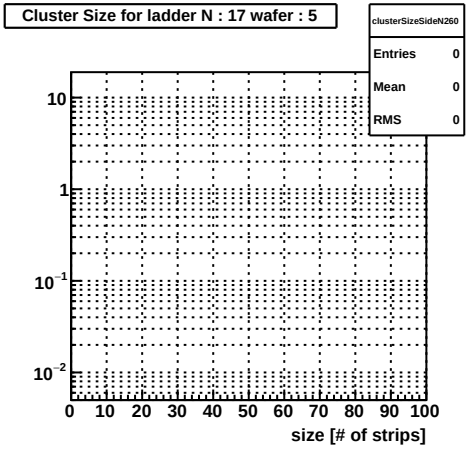

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

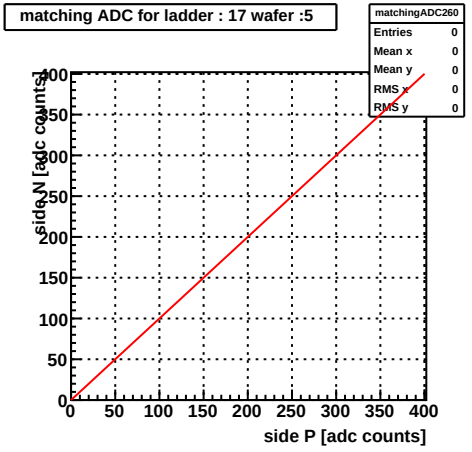

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

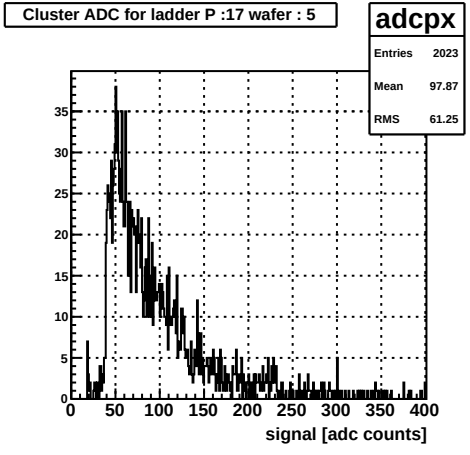

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 3417
Mean 76.98
RMS 61.62
signal [adc counts]

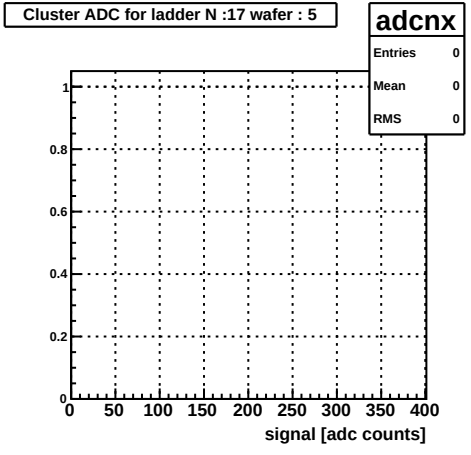

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

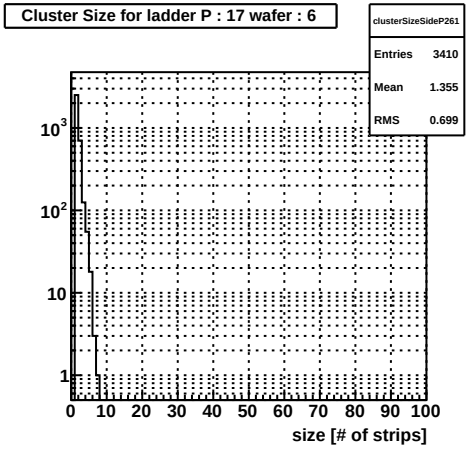

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 2023
Mean 1.229
RMS 0.5673
size [# of strips]

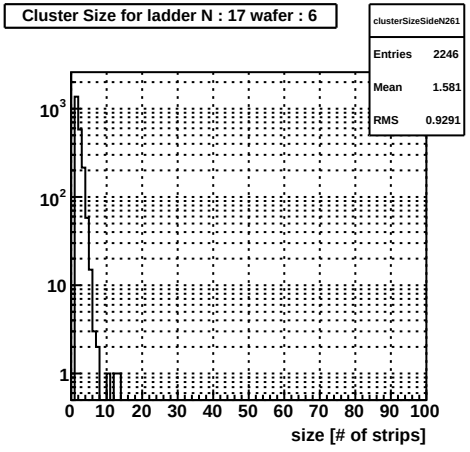

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

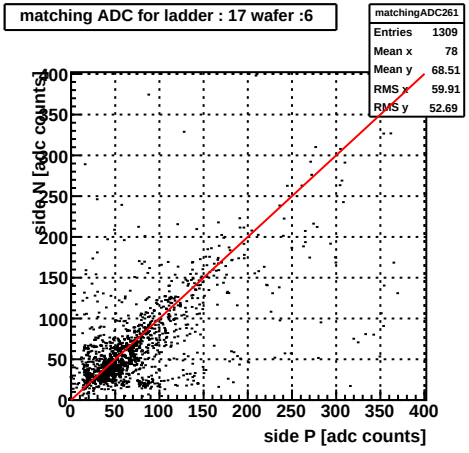

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

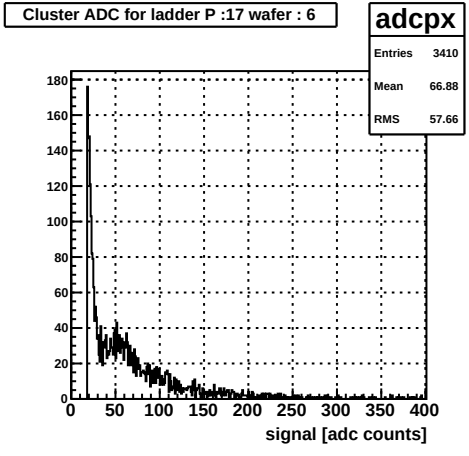

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 2023
Mean 97.87
RMS 61.25
signal [adc counts]

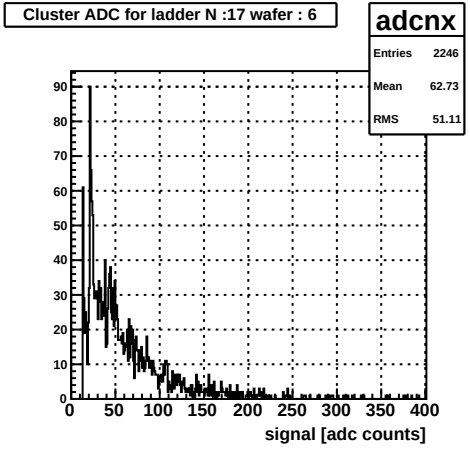

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

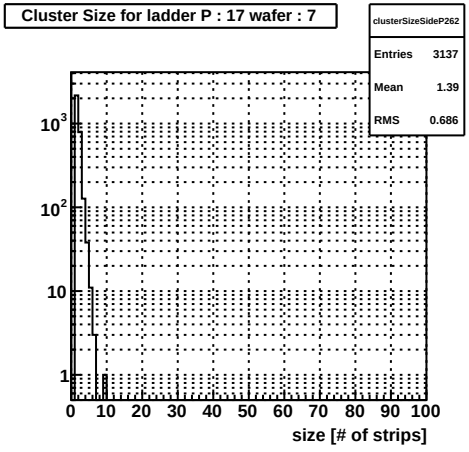

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 3410
Mean 1.355
RMS 0.699
size [# of strips]

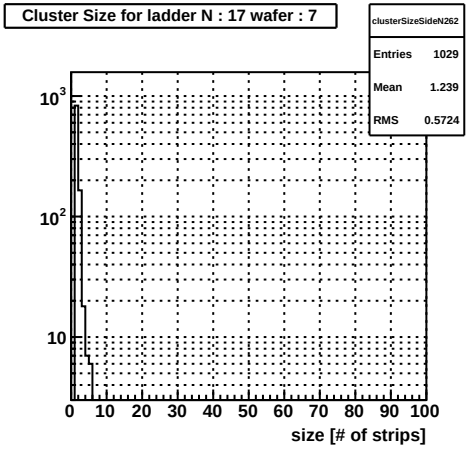

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 2246
Mean 1.581
RMS 0.9291
size [# of strips]

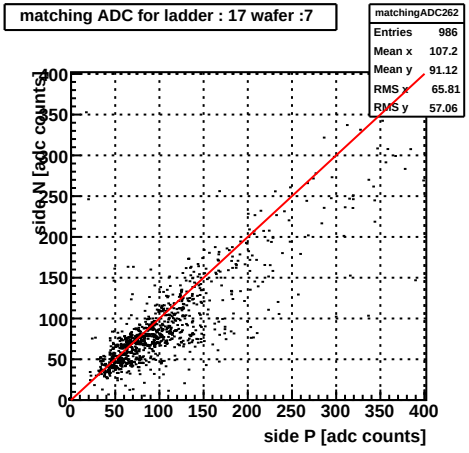

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 1309
Mean x 78
Mean y 68.51
RMS x 59.91
RMS y 52.69
side N [adc counts]
side P [adc counts]

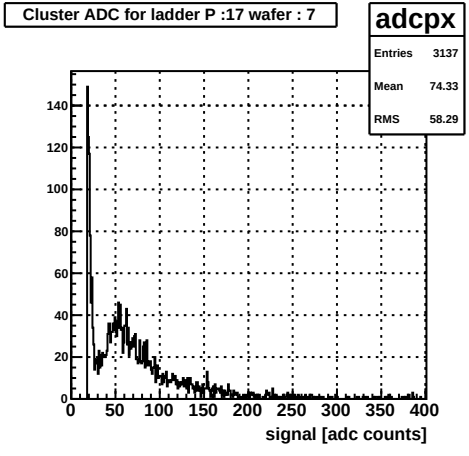

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 3410
Mean 66.88
RMS 57.66
signal [adc counts]

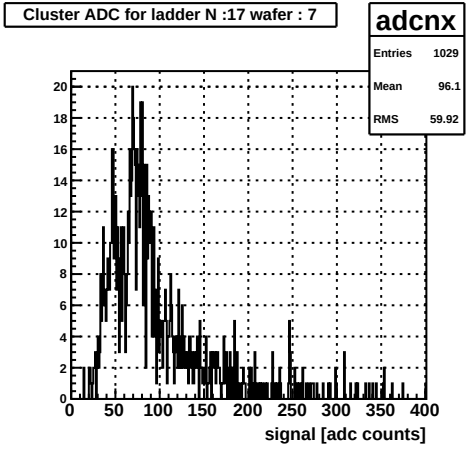

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 2246
Mean 62.73
RMS 51.11
signal [adc counts]

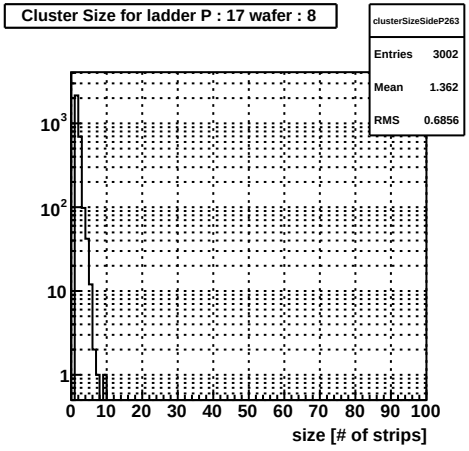

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 3137
Mean 1.39
RMS 0.686
size [# of strips]

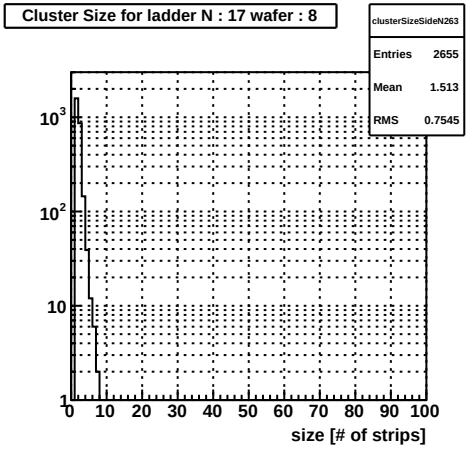

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1029
Mean 1.239
RMS 0.5724
size [# of strips]

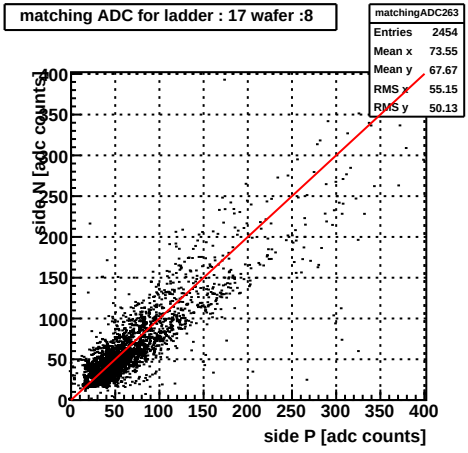

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 986
Mean x 107.2
Mean y 91.12
RMS x 65.81
RMS y 57.06
side N [adc counts]
side P [adc counts]

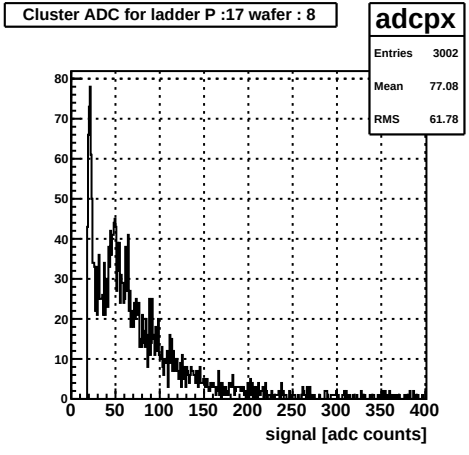

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 3137
Mean 74.33
RMS 58.29
signal [adc counts]

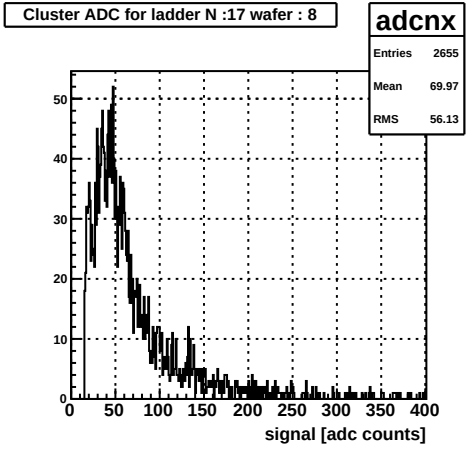

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1029
Mean 96.1
RMS 59.92
signal [adc counts]

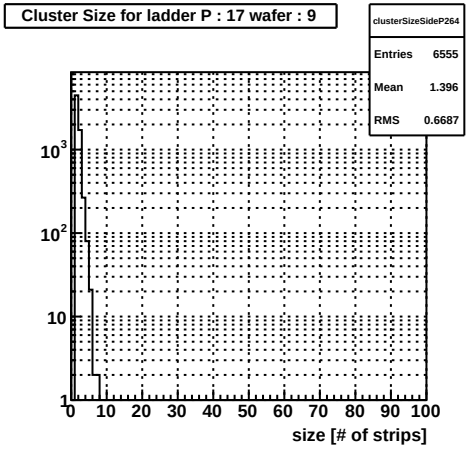

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 3002
Mean 1.362
RMS 0.6856
size [# of strips]

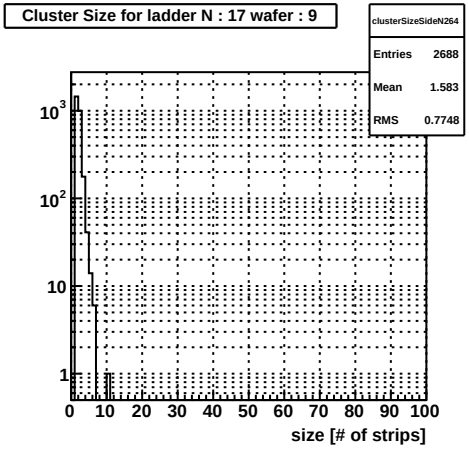

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 2655
Mean 1.513
RMS 0.7545
size [# of strips]

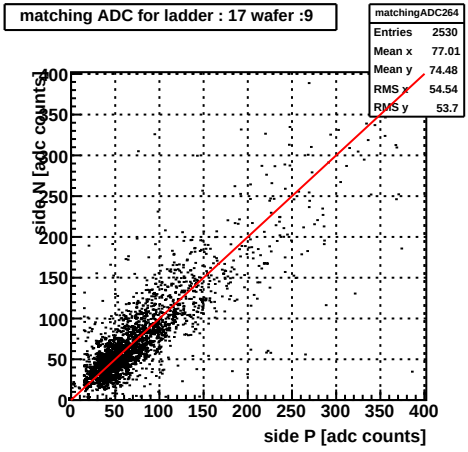

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 2454
Mean x 73.55
Mean y 67.67
RMS x 55.15
RMS y 50.13
side N [adc counts]
side P [adc counts]

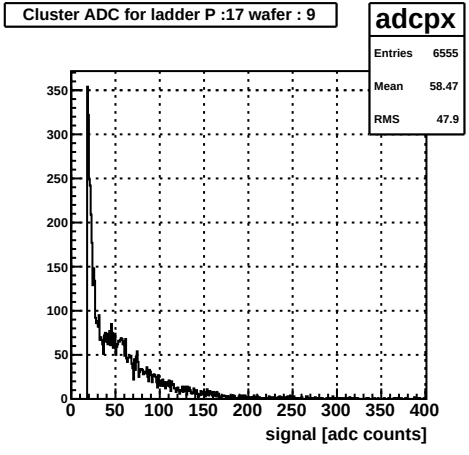

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 3002
Mean 77.08
RMS 61.78
signal [adc counts]

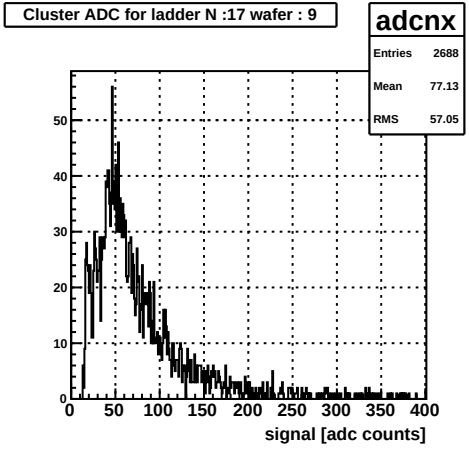

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 2655
Mean 69.97
RMS 56.13
signal [adc counts]

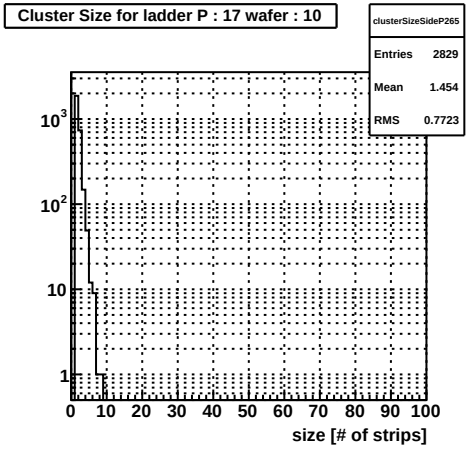

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 6555
Mean 1.396
RMS 0.6687
size [# of strips]

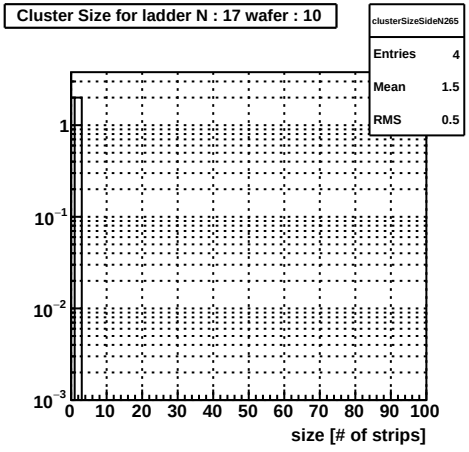

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 2688
Mean 1.583
RMS 0.7748
size [# of strips]

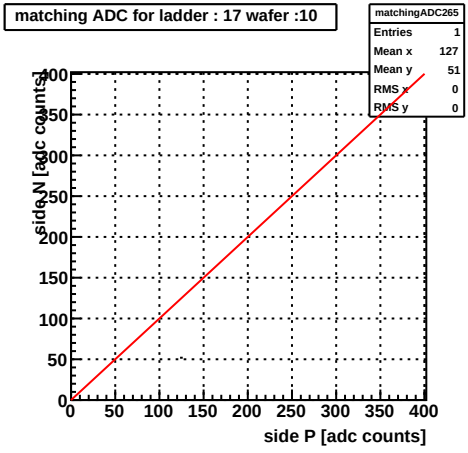

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 2530
Mean x 77.01
Mean y 74.48
RMS x 54.54
RMS y 53.7
side N [adc counts]
side P [adc counts]

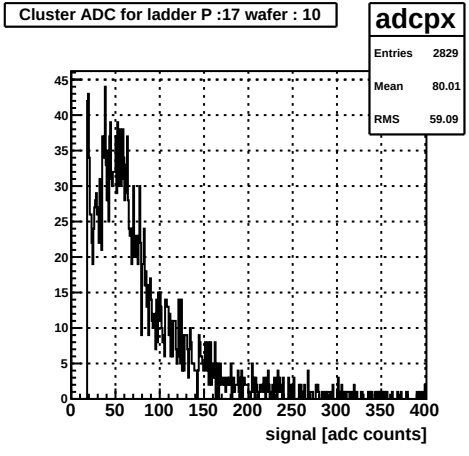

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 6555
Mean 58.47
RMS 47.9
signal [adc counts]

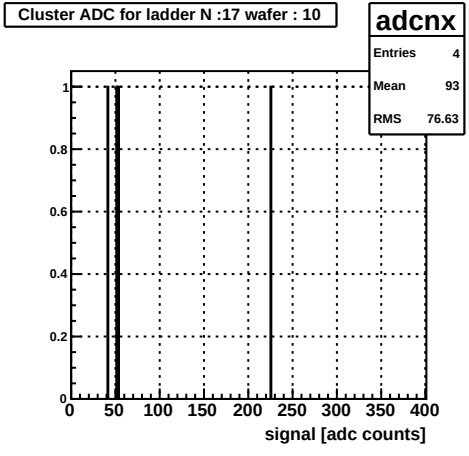

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 2688
Mean 77.13
RMS 57.05
signal [adc counts]

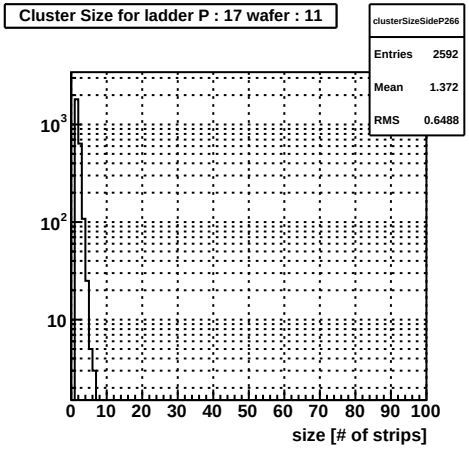

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 2829
Mean 1.454
RMS 0.7723
size [# of strips]

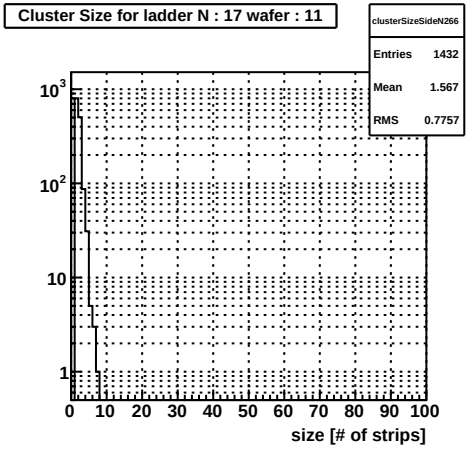

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 4
Mean 1.5
RMS 0.5
size [# of strips]

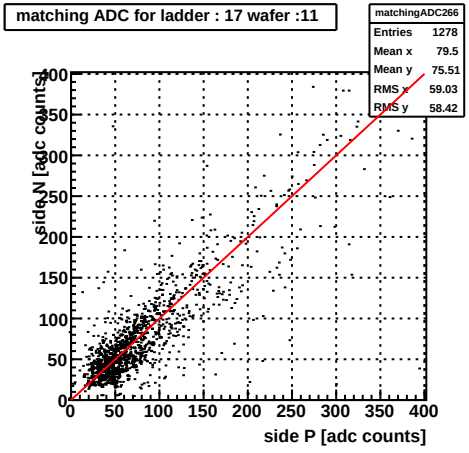

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 1
Mean x 127
Mean y 51
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

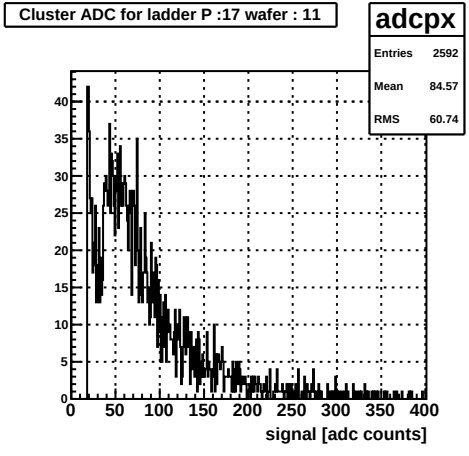

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 2829
Mean 80.01
RMS 59.09
signal [adc counts]

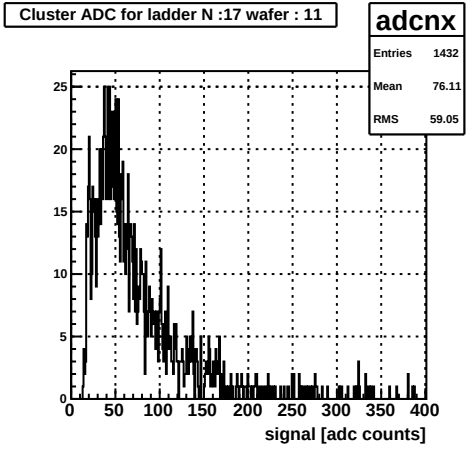

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 4
Mean 93
RMS 76.63
signal [adc counts]

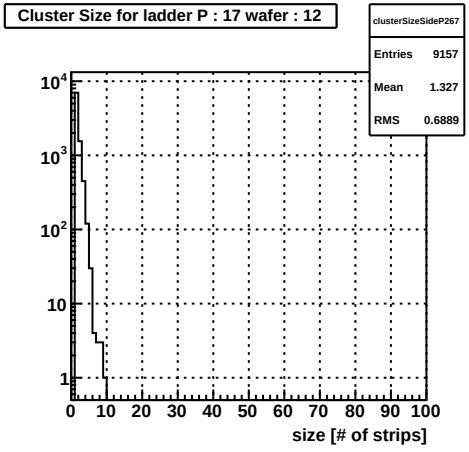

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2592
Mean 1.372
RMS 0.6488
size [# of strips]

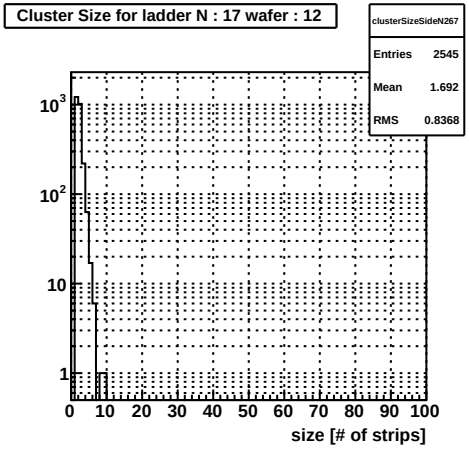

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1432
Mean 1.567
RMS 0.7757
size [# of strips]

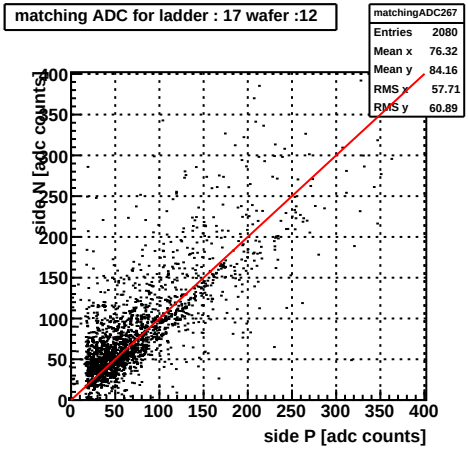

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 1278
Mean x 79.5
Mean y 75.51
RMS x 59.03
RMS y 58.42
side N [adc counts]
side P [adc counts]

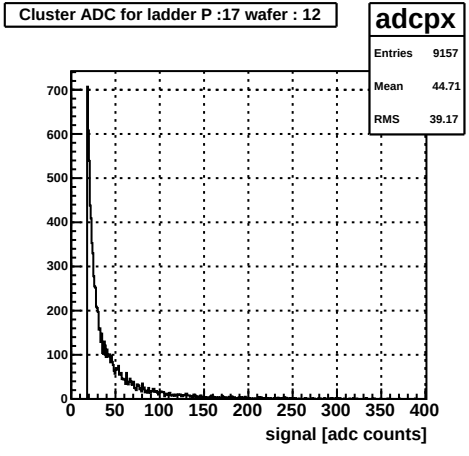

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2592
Mean 84.57
RMS 60.74
signal [adc counts]

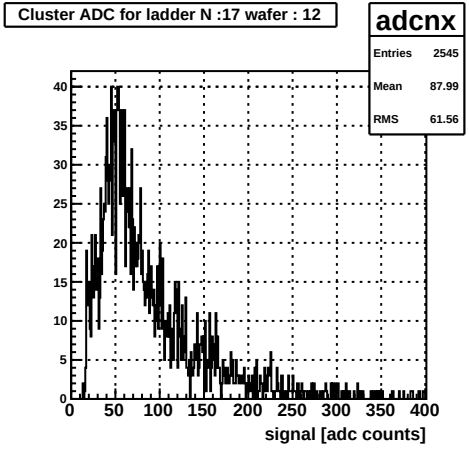

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1432
Mean 76.11
RMS 59.05
signal [adc counts]

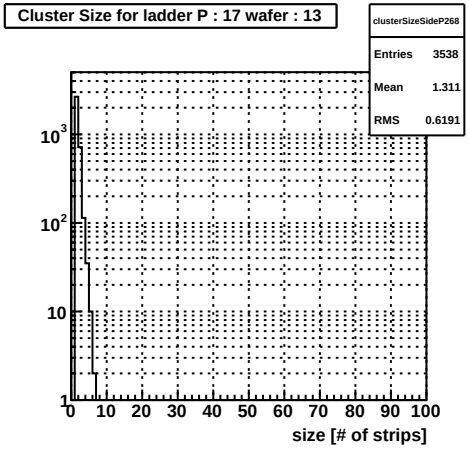

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 9157
Mean 1.327
RMS 0.6889
size [# of strips]

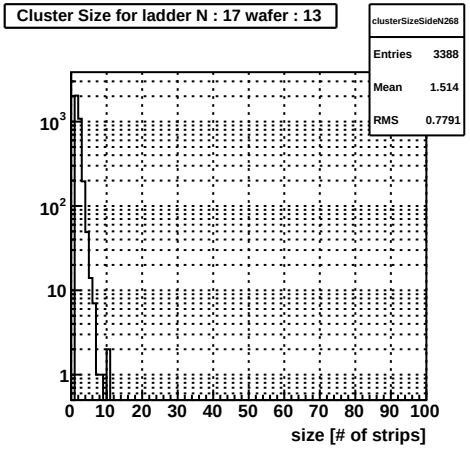

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2545
Mean 1.692
RMS 0.8368
size [# of strips]

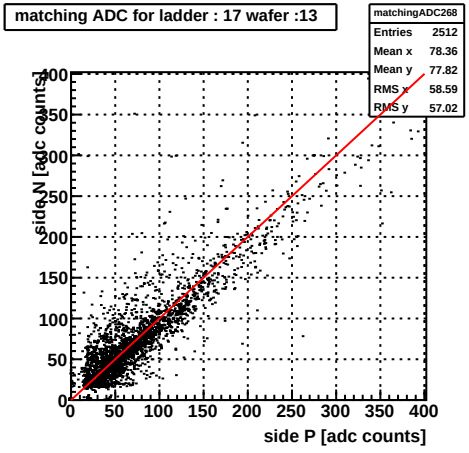

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 2080
Mean x 76.32
Mean y 84.16
RMS x 57.71
RMS y 60.89
side N [adc counts]
side P [adc counts]

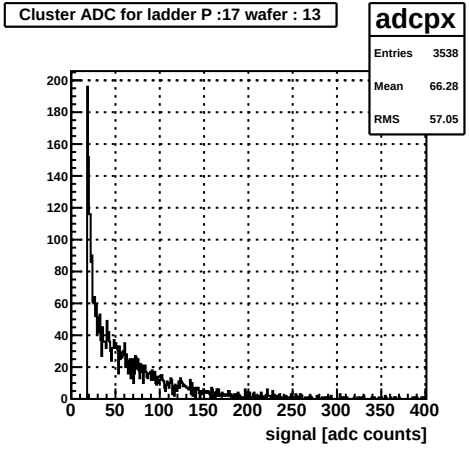

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 9157
Mean 44.71
RMS 39.17
signal [adc counts]

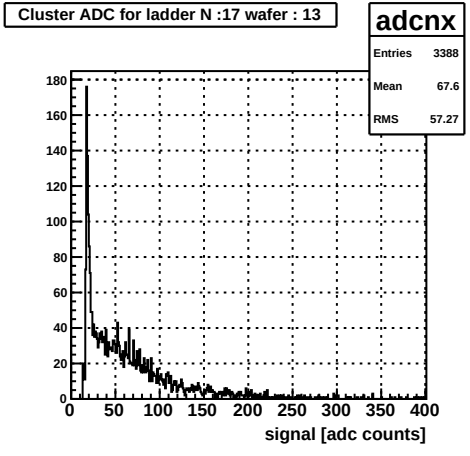

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2545
Mean 87.99
RMS 61.56
signal [adc counts]

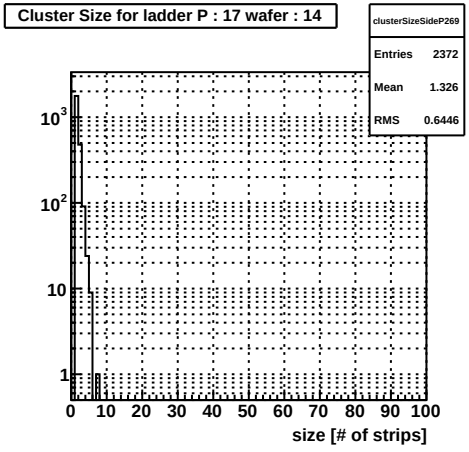

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 3538
Mean 1.311
RMS 0.6191
size [# of strips]

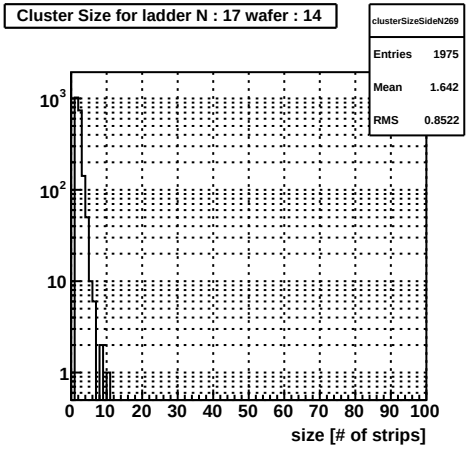

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 3388
Mean 1.514
RMS 0.7791
size [# of strips]

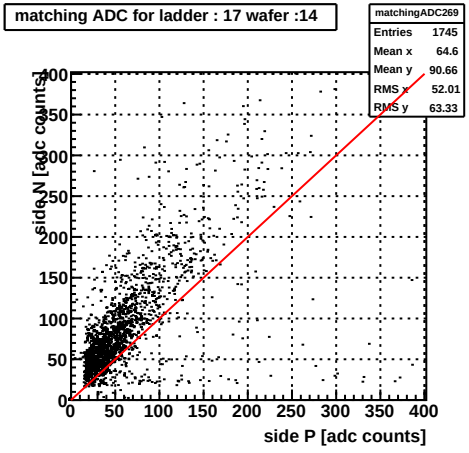

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 2512
Mean x 78.36
Mean y 77.82
RMS x 58.59
RMS y 57.02
side N [adc counts]
side P [adc counts]

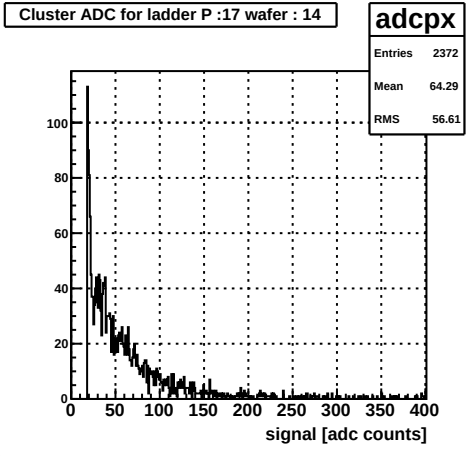

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 3538
Mean 66.28
RMS 57.05
signal [adc counts]

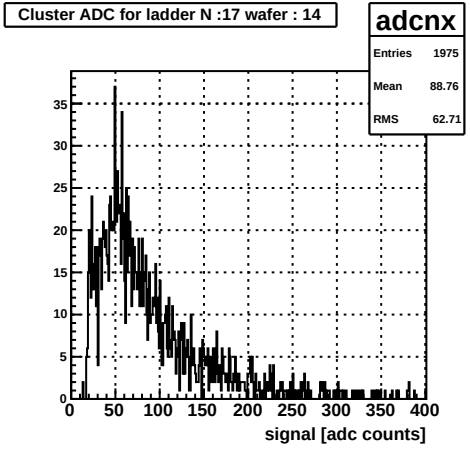

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 3388
Mean 67.6
RMS 57.27
signal [adc counts]

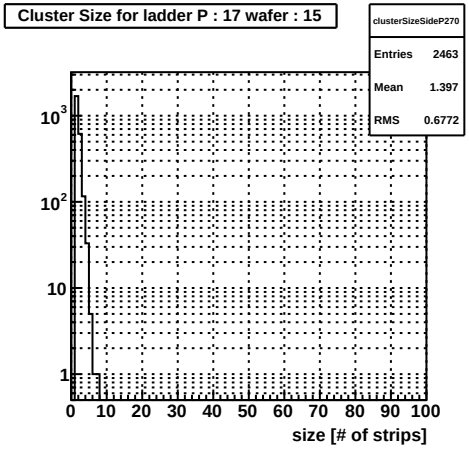

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 2372
Mean 1.326
RMS 0.6446
size [# of strips]

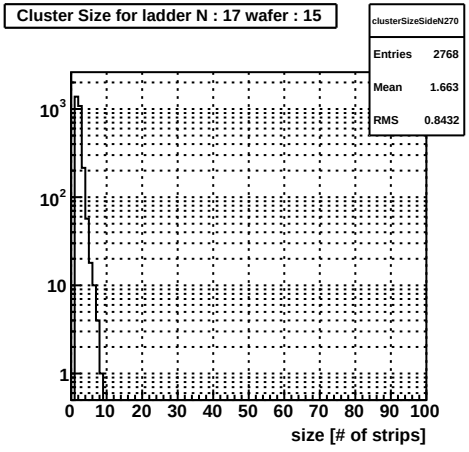

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1975
Mean 1.642
RMS 0.8522
size [# of strips]

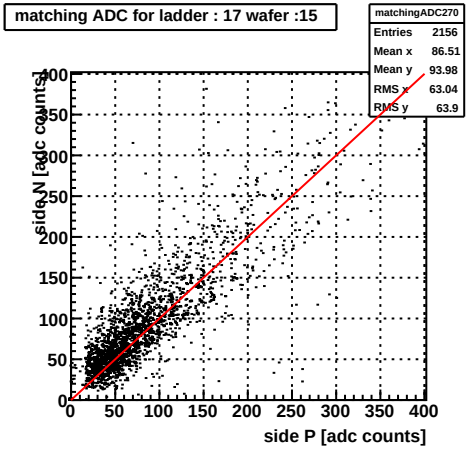

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1745
Mean x 64.6
Mean y 90.66
RMS x 52.01
RMS y 63.33
side N [adc counts]
side P [adc counts]

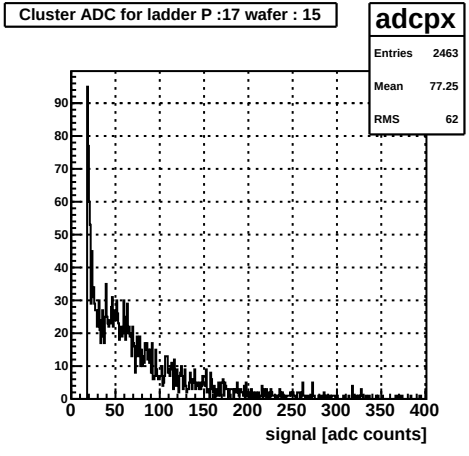

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 2372
Mean 64.29
RMS 56.61
signal [adc counts]

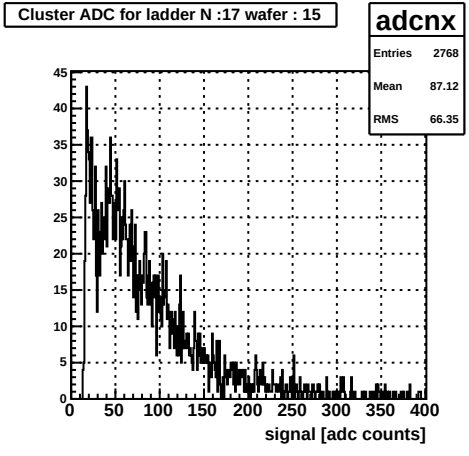

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1975
Mean 88.76
RMS 62.71
signal [adc counts]

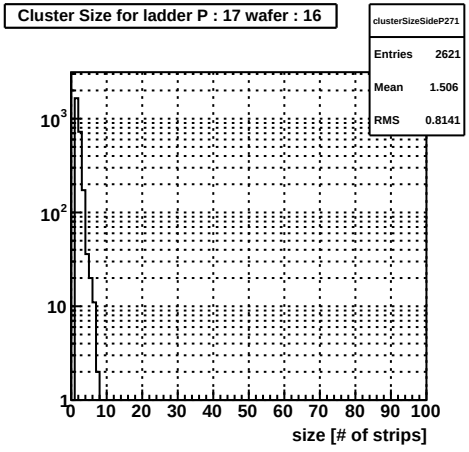

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 2463
Mean 1.397
RMS 0.6772
size [# of strips]

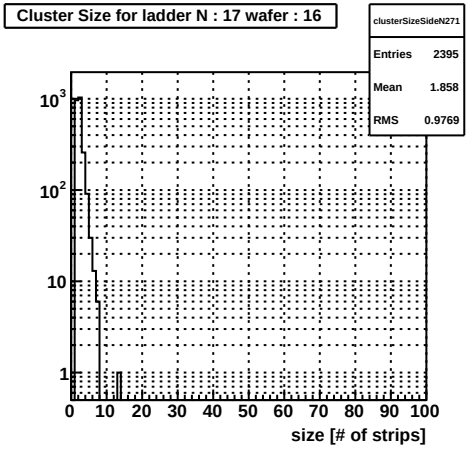

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 2768
Mean 1.663
RMS 0.8432
size [# of strips]

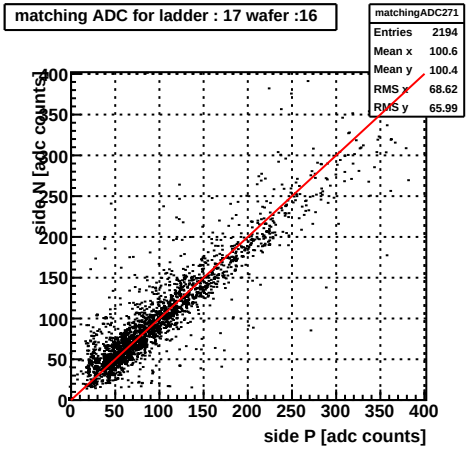

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 2156
Mean x 86.51
Mean y 93.98
RMS x 63.04
RMS y 63.9
side N [adc counts]
side P [adc counts]

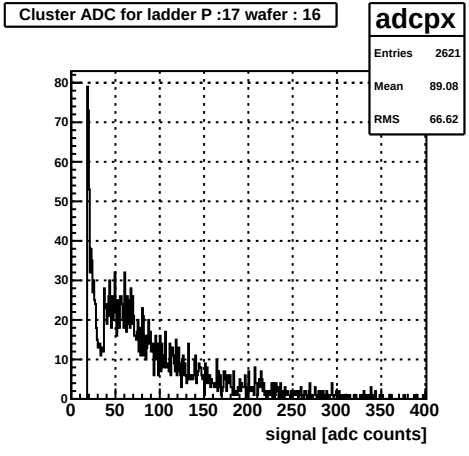

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 2463
Mean 77.25
RMS 62
signal [adc counts]

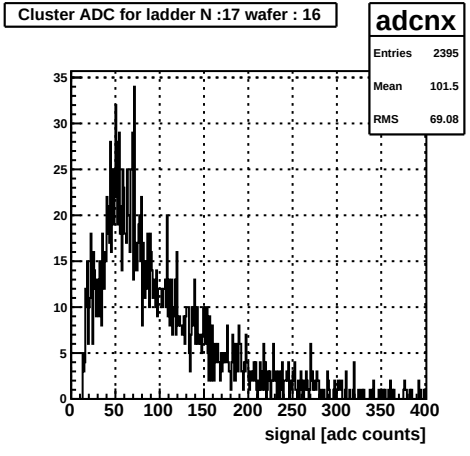

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 2768
Mean 87.12
RMS 66.35
signal [adc counts]

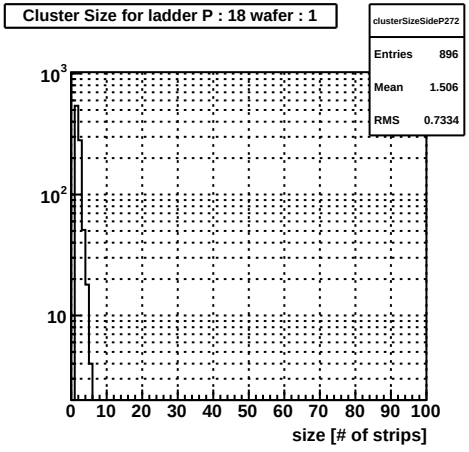

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 2621
Mean 1.506
RMS 0.8141
size [# of strips]

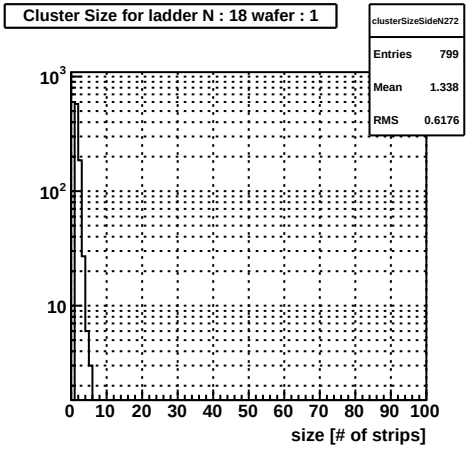

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2395
Mean 1.858
RMS 0.9769
size [# of strips]

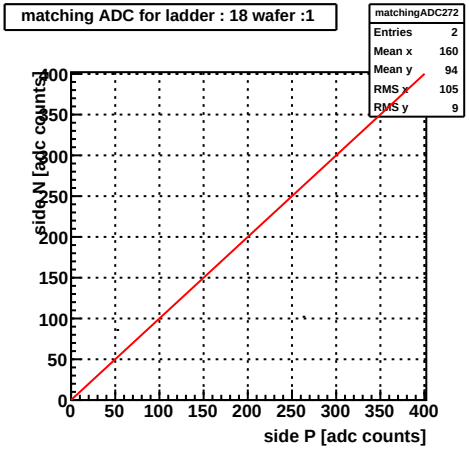

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 2194
Mean x 100.6
Mean y 100.4
RMS x 68.62
RMS y 65.99
side N [adc counts]
side P [adc counts]

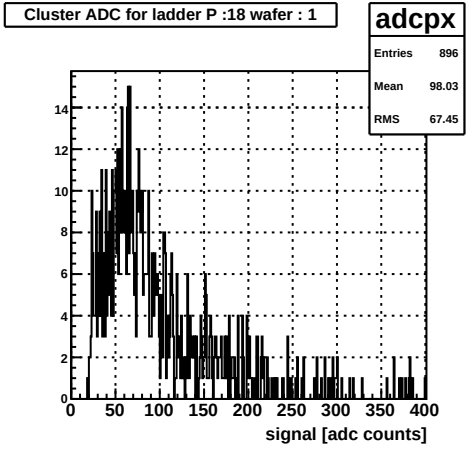

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 2621
Mean 89.08
RMS 66.62
signal [adc counts]

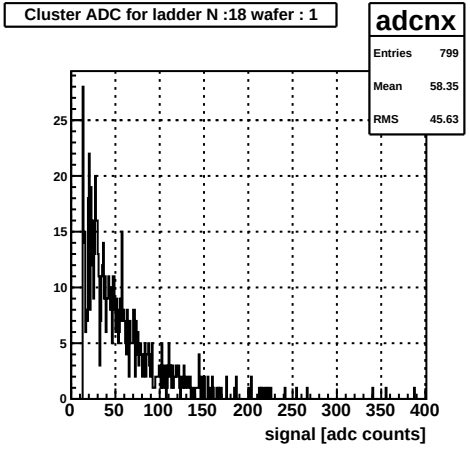

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2395
Mean 101.5
RMS 69.08
signal [adc counts]

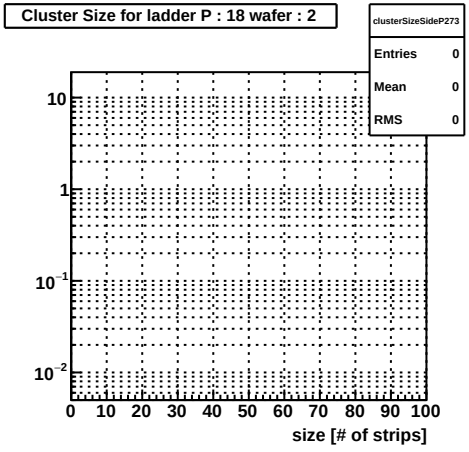

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 896
Mean 1.506
RMS 0.7334
size [# of strips]

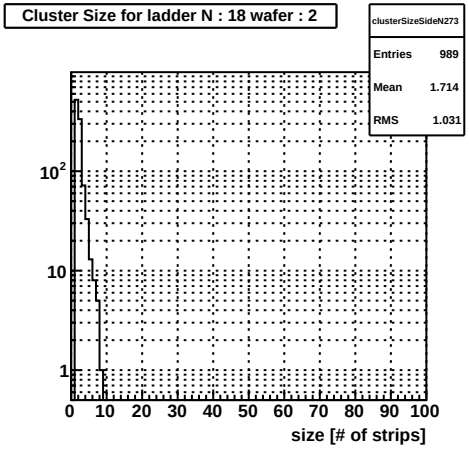

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 799
Mean 1.338
RMS 0.6176
size [# of strips]

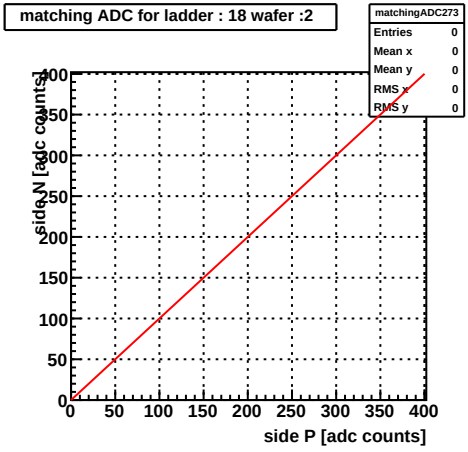

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 2
Mean x 160
Mean y 94
RMS x 105
RMS y 9
side N [adc counts]
side P [adc counts]

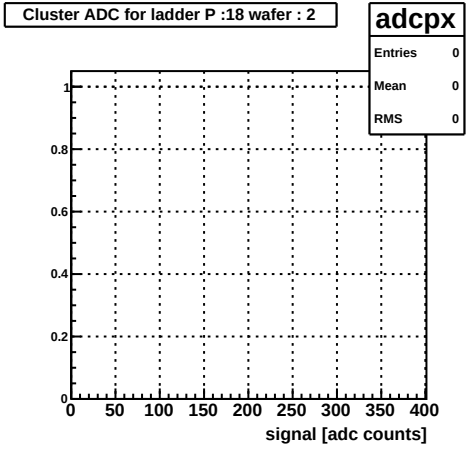

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 896
Mean 98.03
RMS 67.45
signal [adc counts]

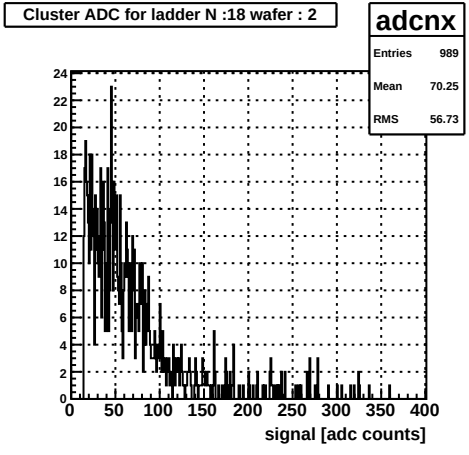

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 799
Mean 58.35
RMS 45.63
signal [adc counts]

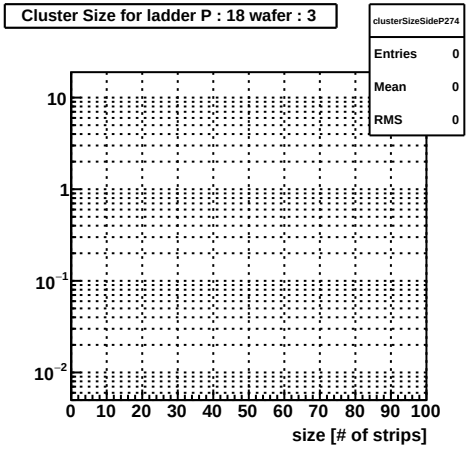

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

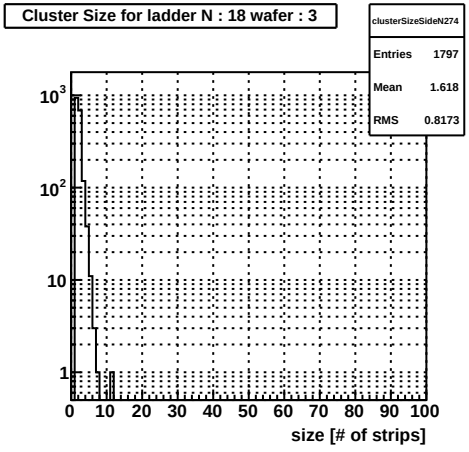

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 989
Mean 1.714
RMS 1.031
size [# of strips]

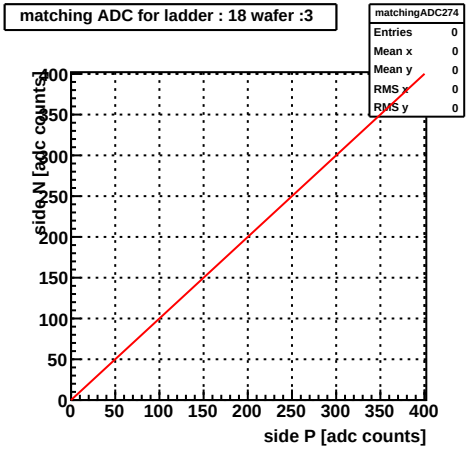

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

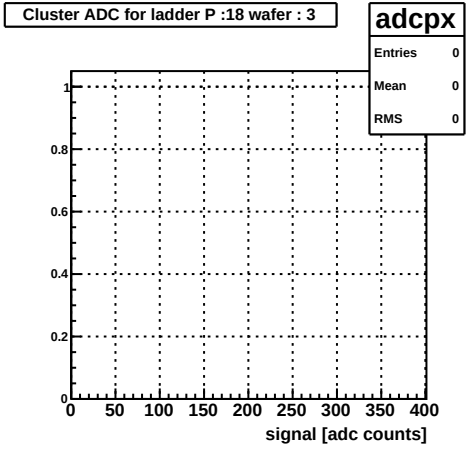

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

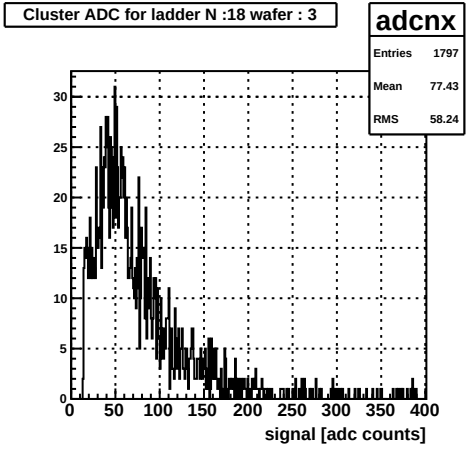

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 989
Mean 70.25
RMS 56.73
signal [adc counts]

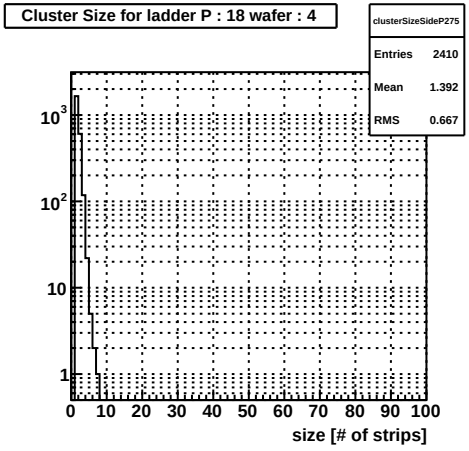

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

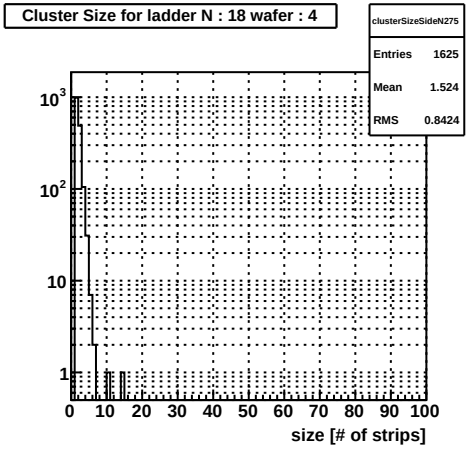

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1797
Mean 1.618
RMS 0.8173
size [# of strips]

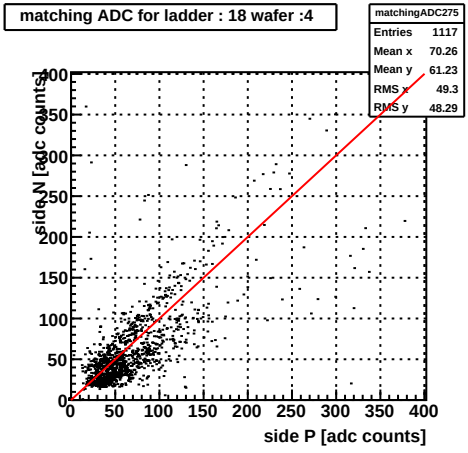

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

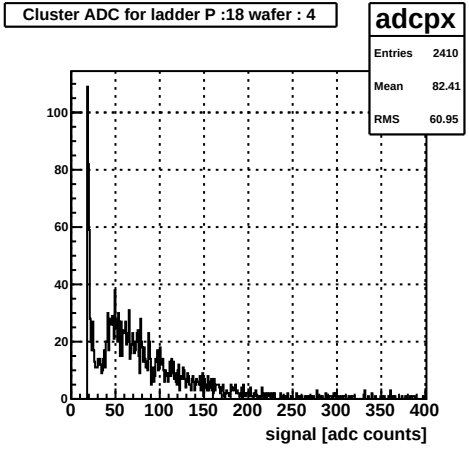

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

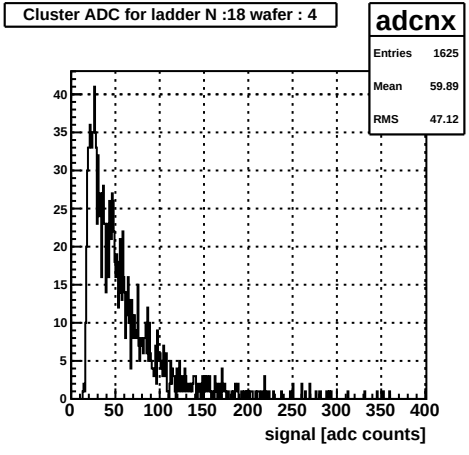

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1797
Mean 77.43
RMS 58.24
signal [adc counts]

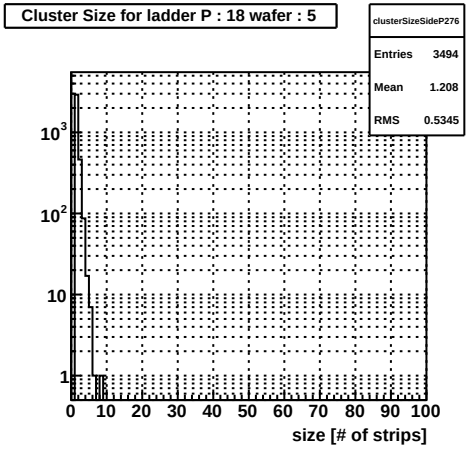

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 2410
Mean 1.392
RMS 0.667
size [# of strips]

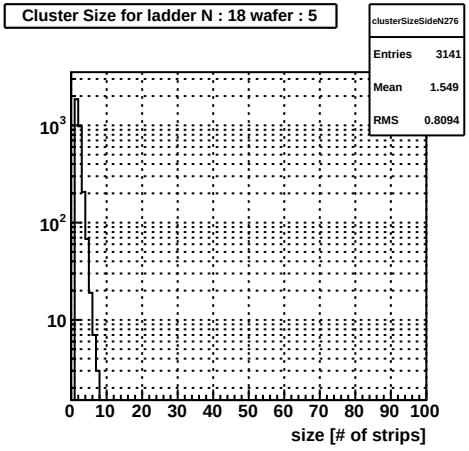

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 1625
Mean 1.524
RMS 0.8424
size [# of strips]

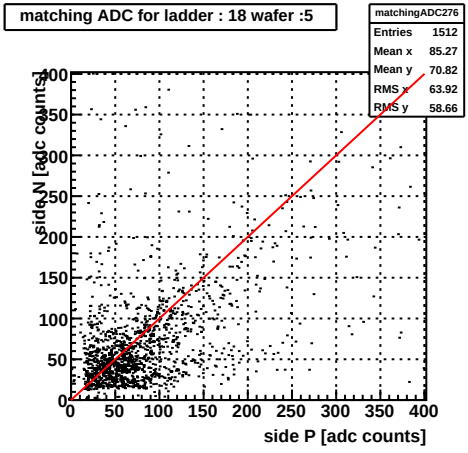

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 1117
Mean x 70.26
Mean y 61.23
RMS x 49.3
RMS y 48.29
side N [adc counts]
side P [adc counts]

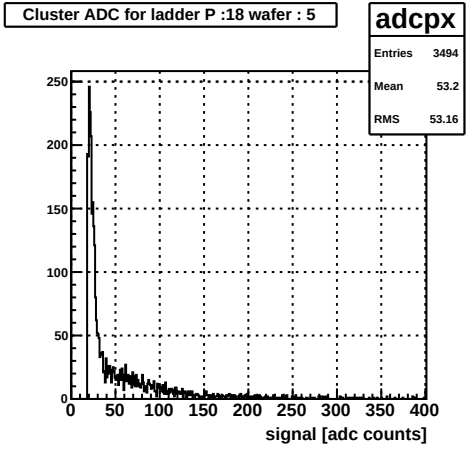

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 2410
Mean 82.41
RMS 60.95
signal [adc counts]

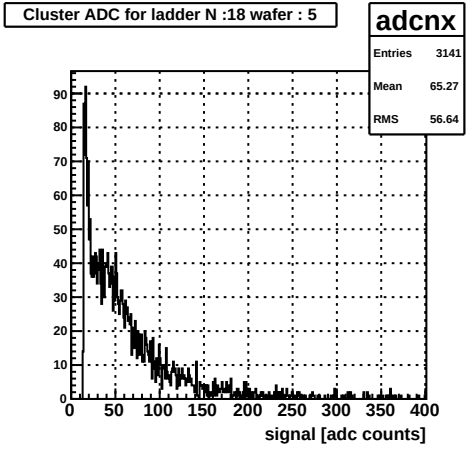

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 1625
Mean 59.89
RMS 47.12
signal [adc counts]

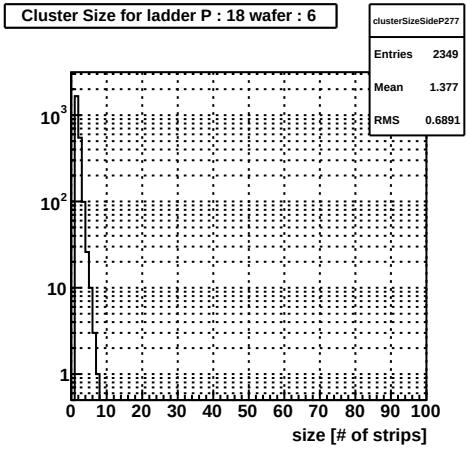

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 3494
Mean 1.208
RMS 0.5345
size [# of strips]

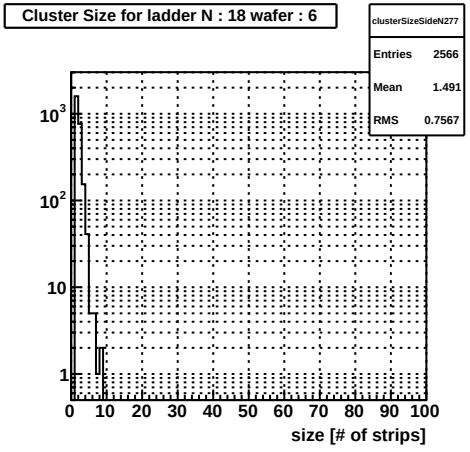

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 3141
Mean 1.549
RMS 0.8094
size [# of strips]

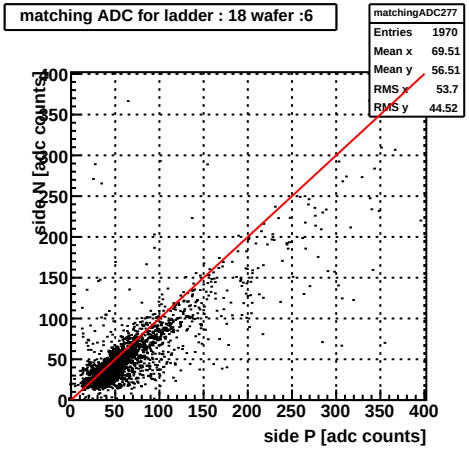

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 1512
Mean x 85.27
Mean y 70.82
RMS x 63.92
RMS y 58.66
side N [adc counts]
side P [adc counts]

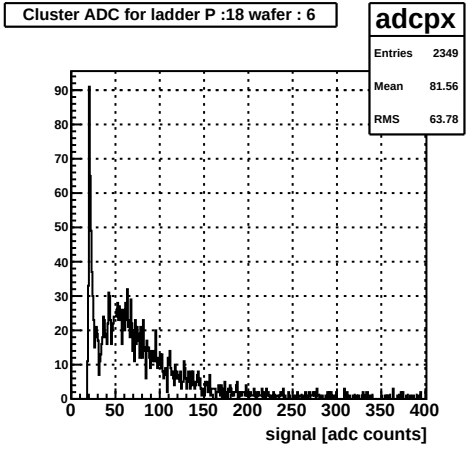

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 3494
Mean 53.2
RMS 53.16
signal [adc counts]

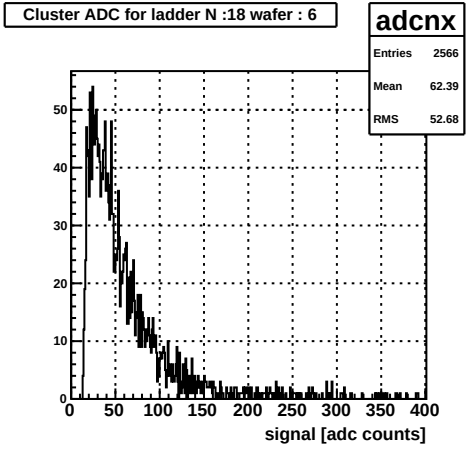

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 3141
Mean 65.27
RMS 56.64
signal [adc counts]

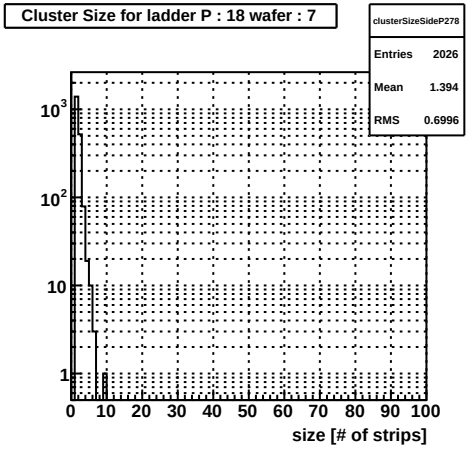

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 2349
Mean 1.377
RMS 0.6891
size [# of strips]

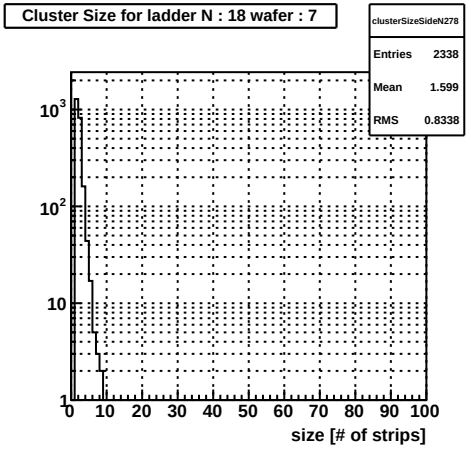

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 2566
Mean 1.491
RMS 0.7567
size [# of strips]

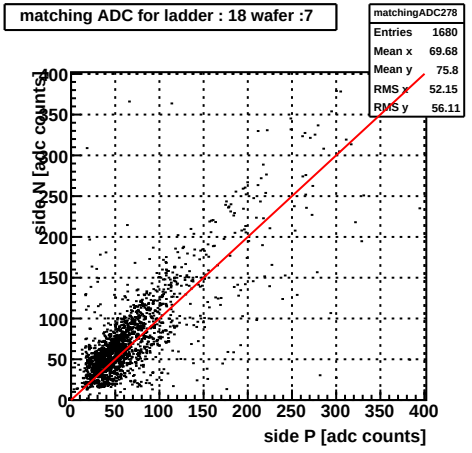

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 1970
Mean x 69.51
Mean y 56.51
RMS x 53.7
RMS y 44.52
side N [adc counts]
side P [adc counts]

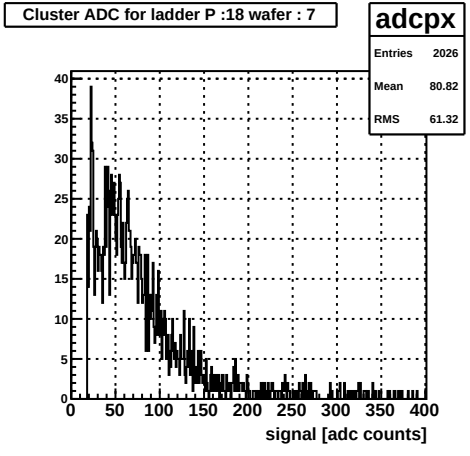

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 2349
Mean 81.56
RMS 63.78
signal [adc counts]

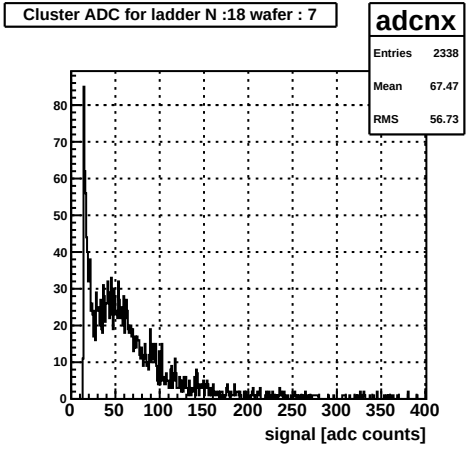

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 2566
Mean 62.39
RMS 52.68
signal [adc counts]

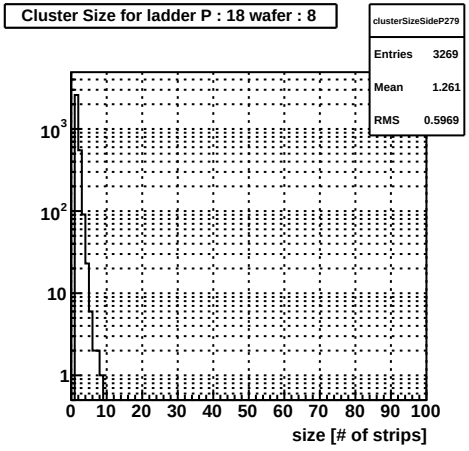

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 2026
Mean 1.394
RMS 0.6996
size [# of strips]

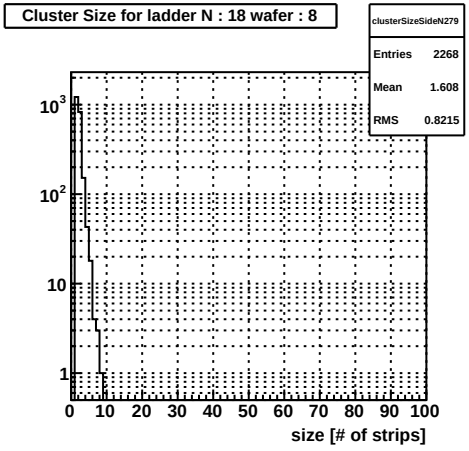

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2338
Mean 1.599
RMS 0.8338
size [# of strips]

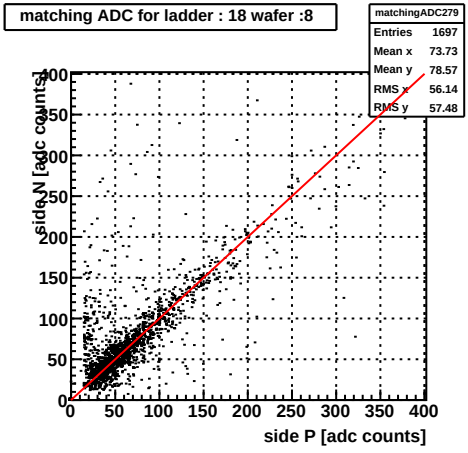

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 1680
Mean x 69.68
Mean y 75.8
RMS x 52.15
RMS y 56.11
side N [adc counts]
side P [adc counts]

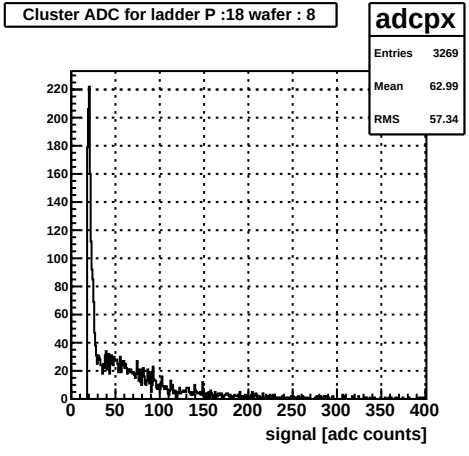

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 2026
Mean 80.82
RMS 61.32
signal [adc counts]

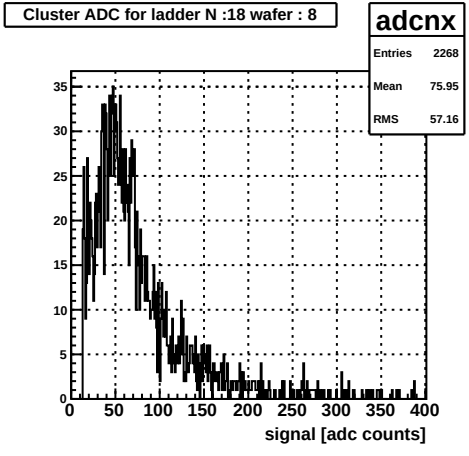

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2338
Mean 67.47
RMS 56.73
signal [adc counts]

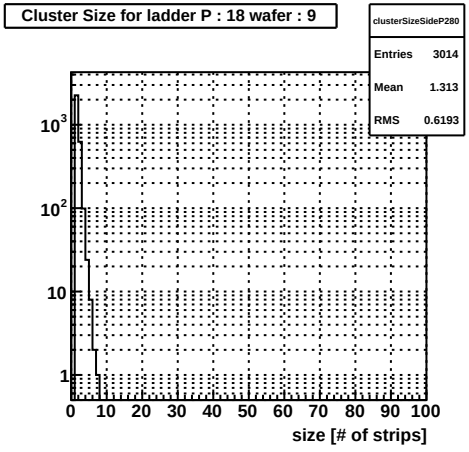

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 3269
Mean 1.261
RMS 0.5969
size [# of strips]

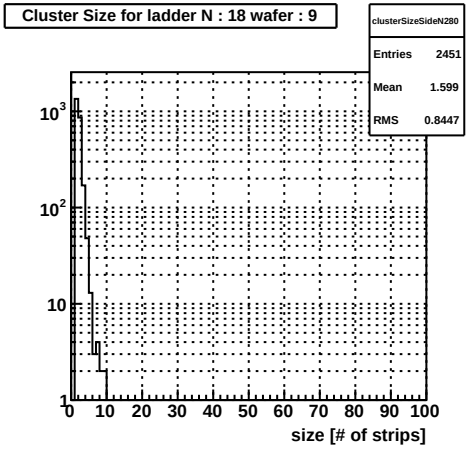

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 2268
Mean 1.608
RMS 0.8215
size [# of strips]

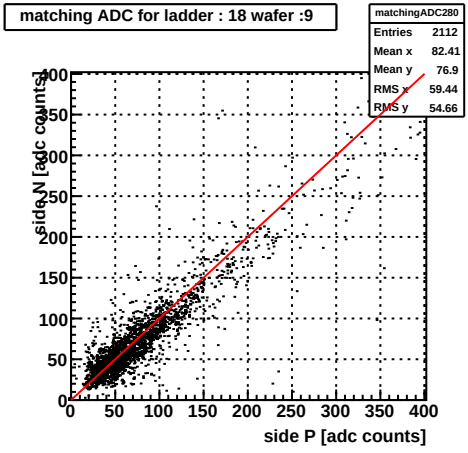

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 1697
Mean x 73.73
Mean y 78.57
RMS x 56.14
RMS y 57.48
side N [adc counts]
side P [adc counts]

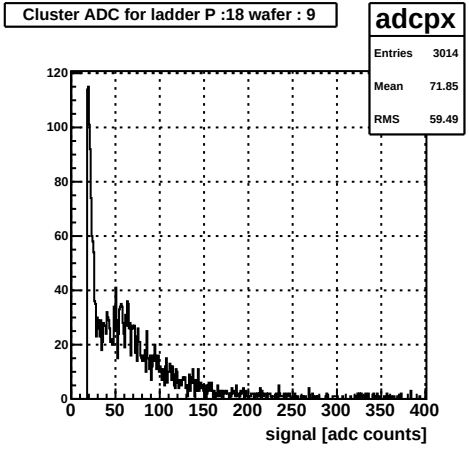

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 3269
Mean 62.99
RMS 57.34
signal [adc counts]

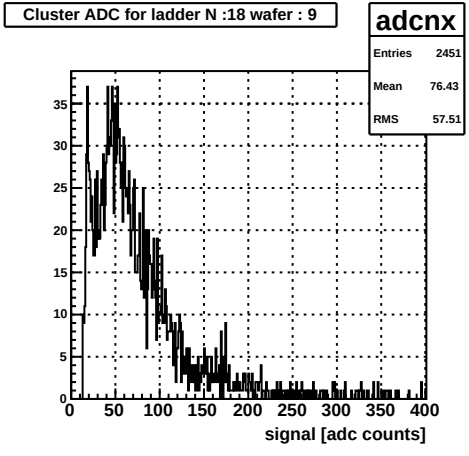

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 2268
Mean 75.95
RMS 57.16
signal [adc counts]

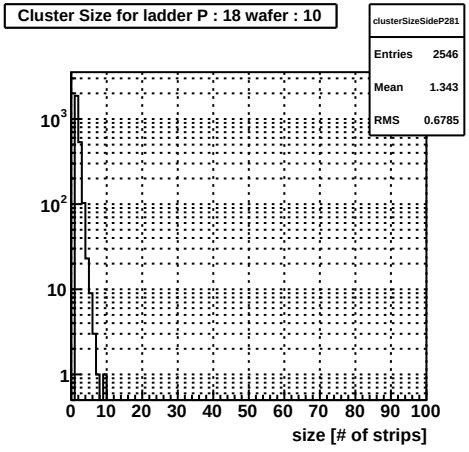

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 3014
Mean 1.313
RMS 0.6193
size [# of strips]

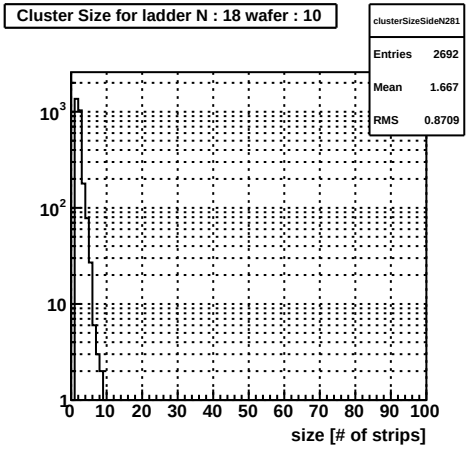

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 2451
Mean 1.599
RMS 0.8447
size [# of strips]

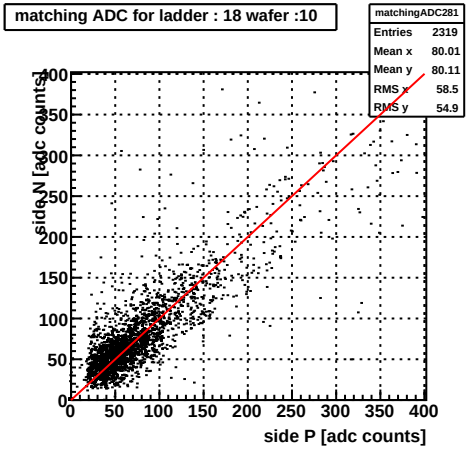

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 2112
Mean x 82.41
Mean y 76.9
RMS x 59.44
RMS y 54.66
side N [adc counts]
side P [adc counts]

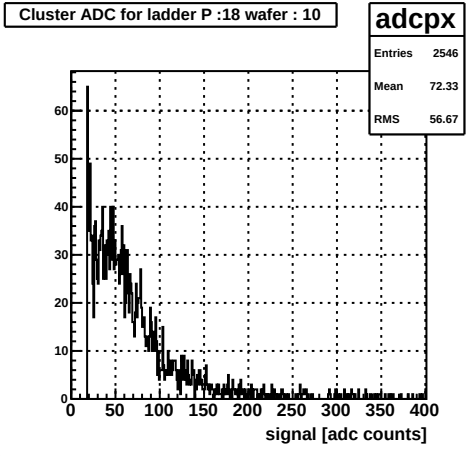

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 3014
Mean 71.85
RMS 59.49
signal [adc counts]

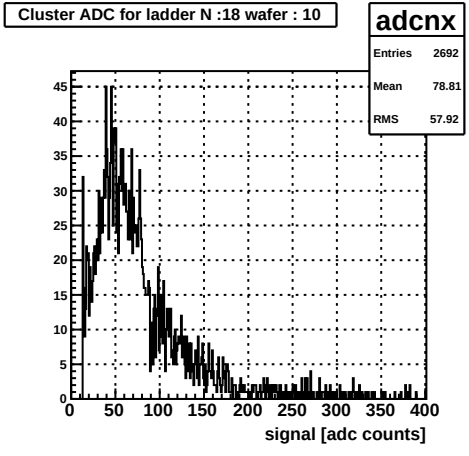

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 2451
Mean 76.43
RMS 57.51
signal [adc counts]

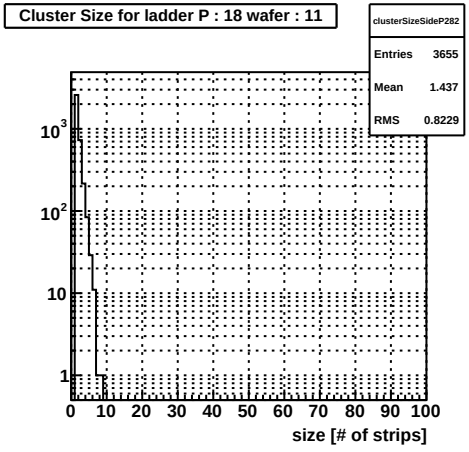

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 2546
Mean 1.343
RMS 0.6785
size [# of strips]

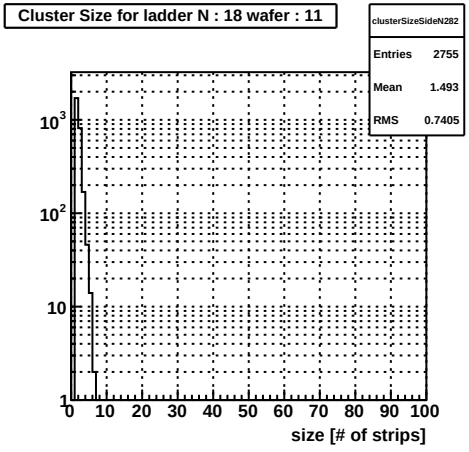

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 2692
Mean 1.667
RMS 0.8709
size [# of strips]

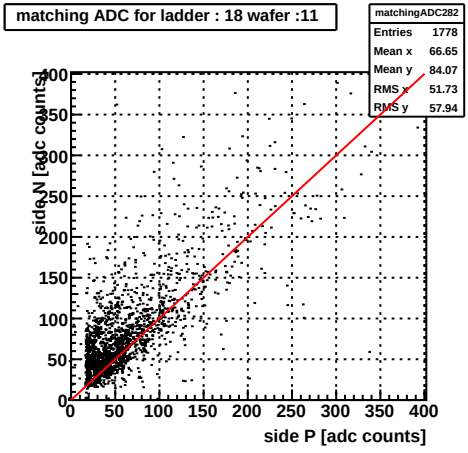

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 2319
Mean x 80.01
Mean y 80.11
RMS x 58.5
RMS y 54.9
side N [adc counts]
side P [adc counts]

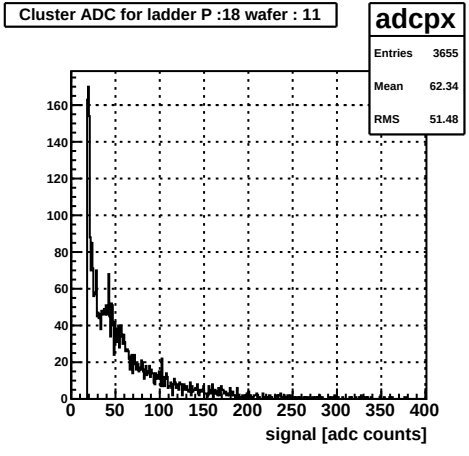

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 2546
Mean 72.33
RMS 56.67
signal [adc counts]

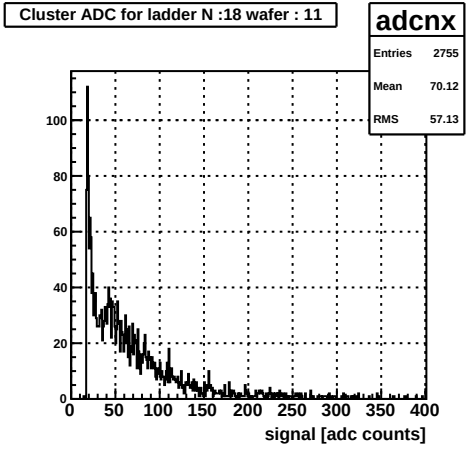

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 2692
Mean 78.81
RMS 57.92
signal [adc counts]

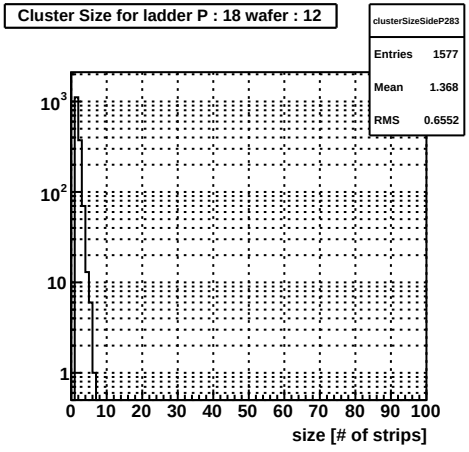

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 3655
Mean 1.437
RMS 0.8229
size [# of strips]

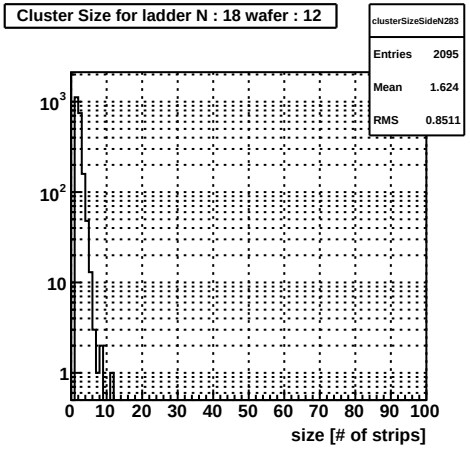

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 2755
Mean 1.493
RMS 0.7405
size [# of strips]

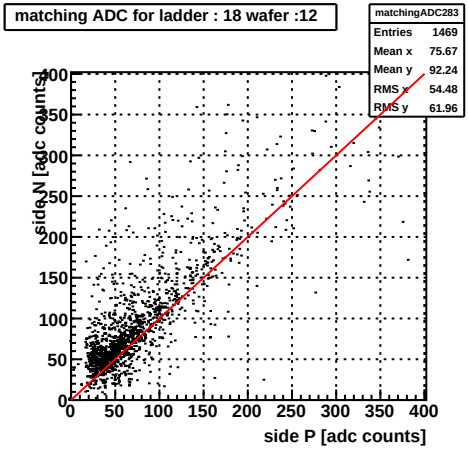

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 1778
Mean x 66.65
Mean y 84.07
RMS x 51.73
RMS y 57.94
side N [adc counts]
side P [adc counts]

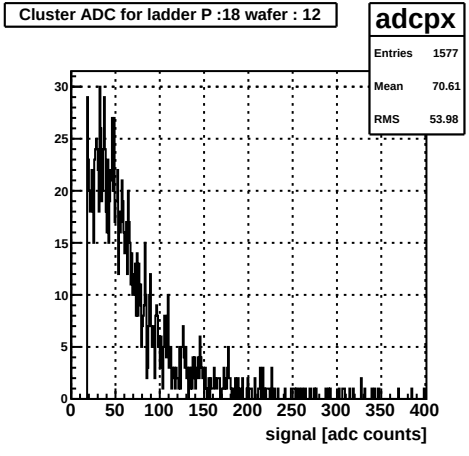

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 3655
Mean 62.34
RMS 51.48
signal [adc counts]

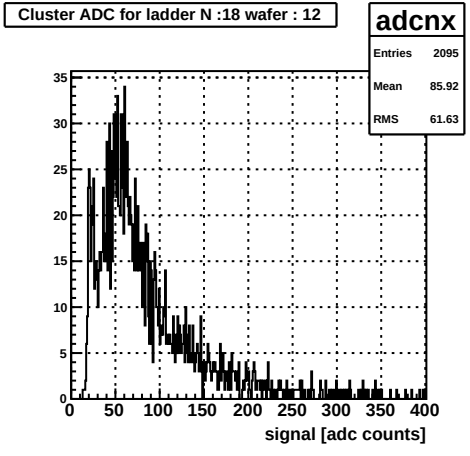

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 2755
Mean 70.12
RMS 57.13
signal [adc counts]

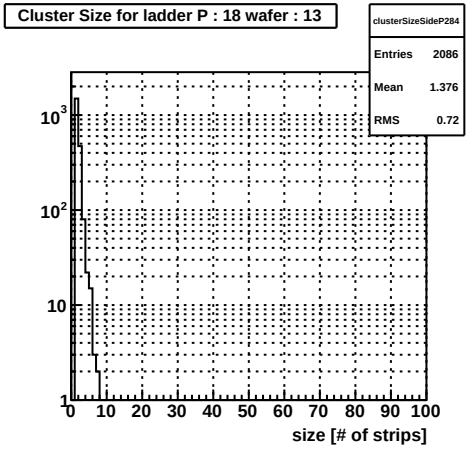

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1577
Mean 1.368
RMS 0.6552
size [# of strips]

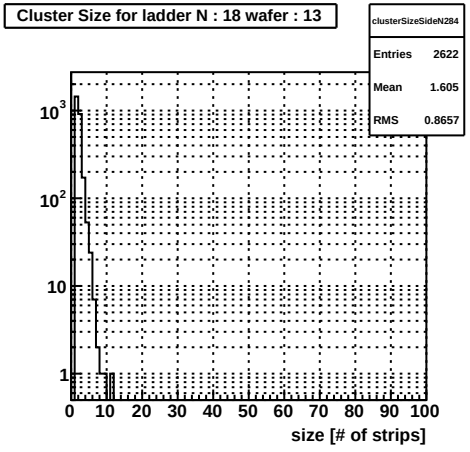

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 2095
Mean 1.624
RMS 0.8511
size [# of strips]

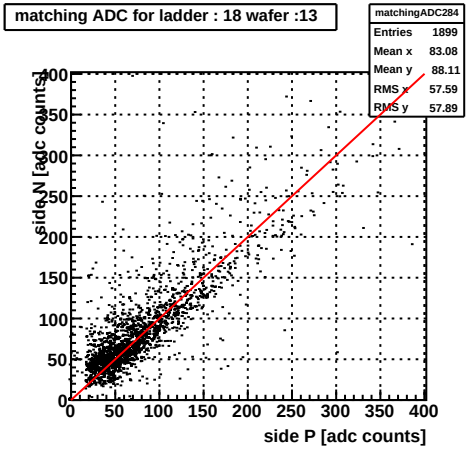

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 1469
Mean x 75.67
Mean y 92.24
RMS x 54.48
RMS y 61.96
side N [adc counts]
side P [adc counts]

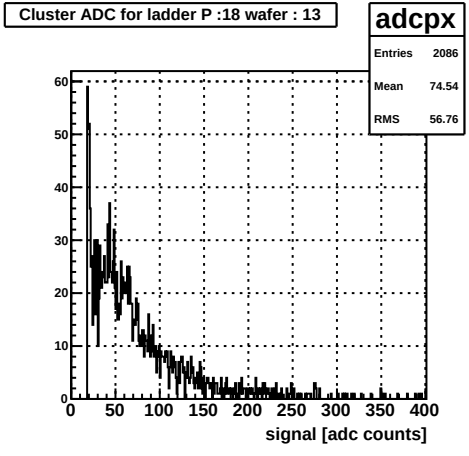

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1577
Mean 70.61
RMS 53.98
signal [adc counts]

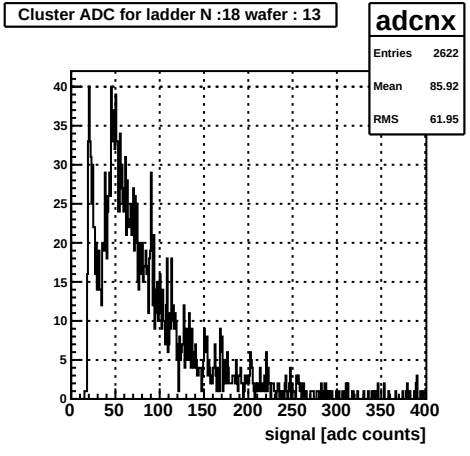

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 2095
Mean 85.92
RMS 61.63
signal [adc counts]

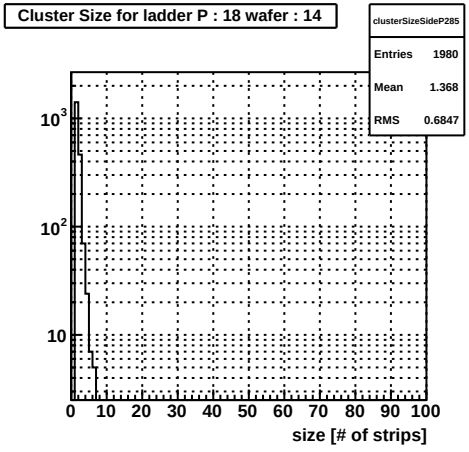

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 2086
Mean 1.376
RMS 0.72
size [# of strips]

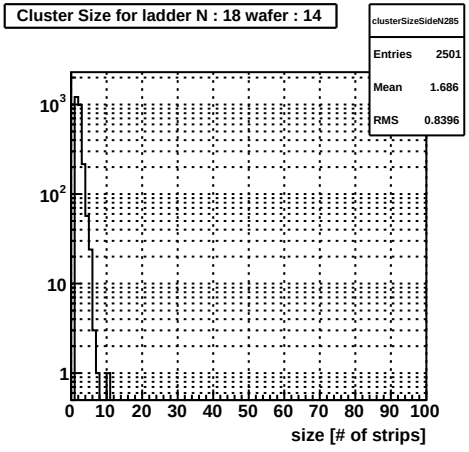

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2622
Mean 1.605
RMS 0.8657
size [# of strips]

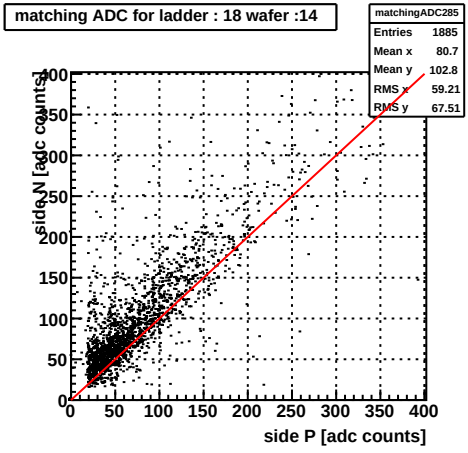

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1899
Mean x 83.08
Mean y 88.11
RMS x 57.59
RMS y 57.89
side N [adc counts]
side P [adc counts]

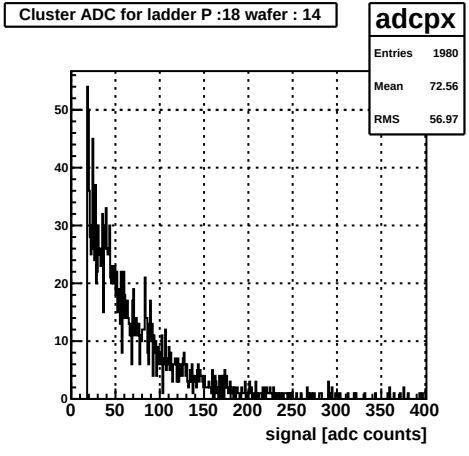

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 2086
Mean 74.54
RMS 56.76
signal [adc counts]

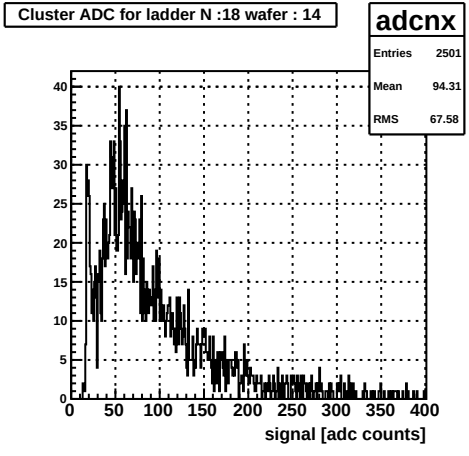

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2622
Mean 85.92
RMS 61.95
signal [adc counts]

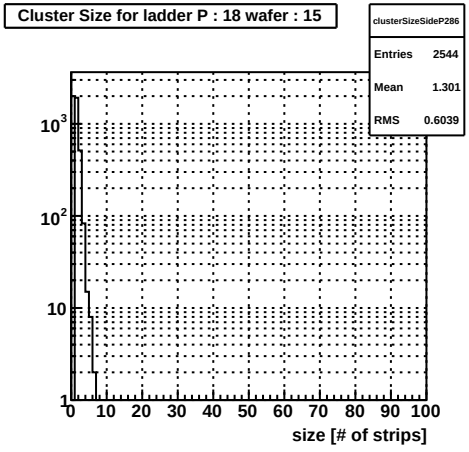

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1980
Mean 1.368
RMS 0.6847
size [# of strips]

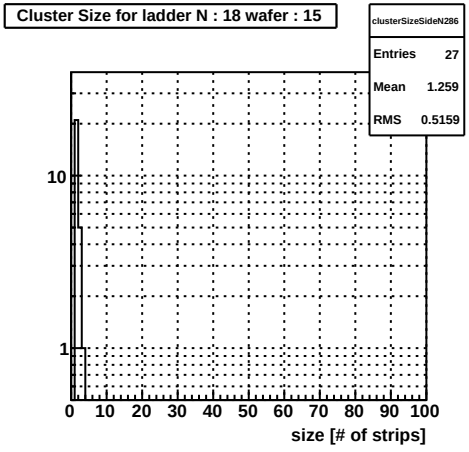

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2501
Mean 1.686
RMS 0.8396
size [# of strips]

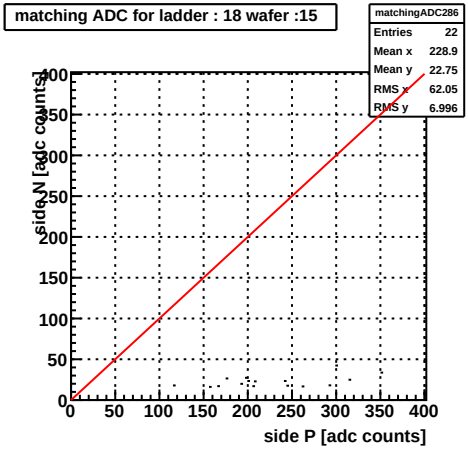

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1885
Mean x 80.7
Mean y 102.8
RMS x 59.21
RMS y 67.51
side N [adc counts]
side P [adc counts]

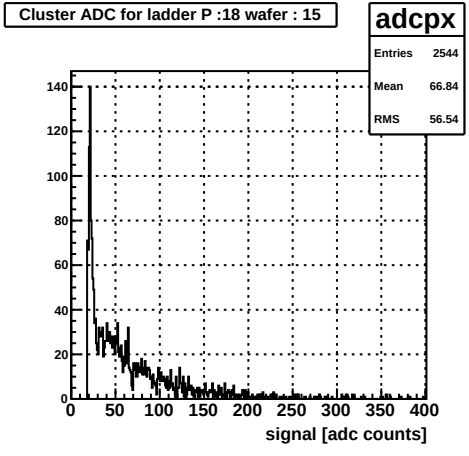

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1980
Mean 72.56
RMS 56.97
signal [adc counts]

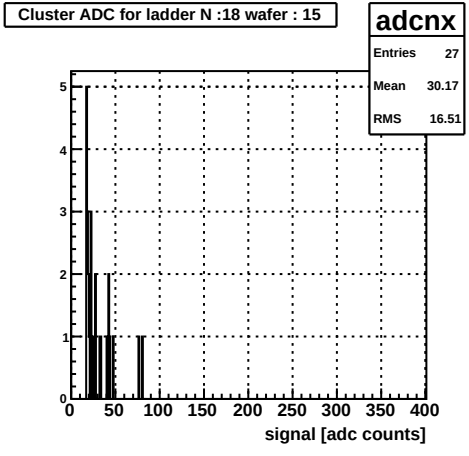

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2501
Mean 94.31
RMS 67.58
signal [adc counts]

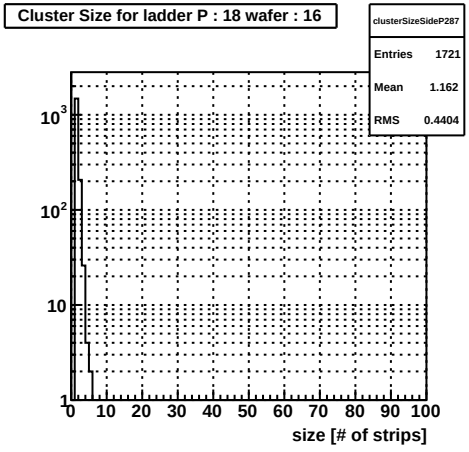

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 2544
Mean 1.301
RMS 0.6039
size [# of strips]

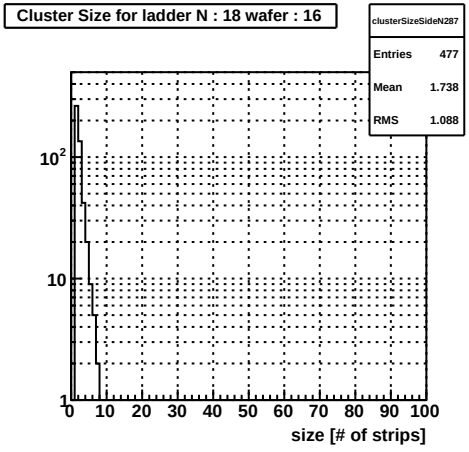

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 27
Mean 1.259
RMS 0.5159
size [# of strips]

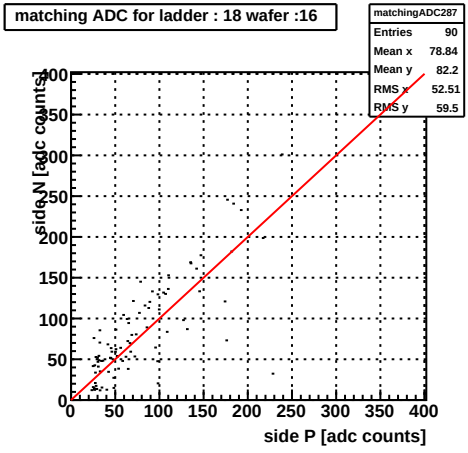

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 22
Mean x 228.9
Mean y 22.75
RMS x 62.05
RMS y 6.996
side N [adc counts]
side P [adc counts]

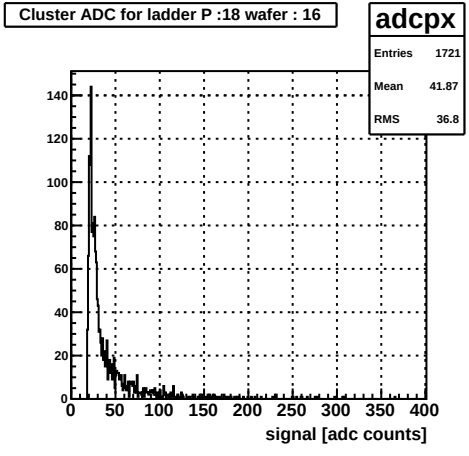

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 2544
Mean 66.84
RMS 56.54
signal [adc counts]

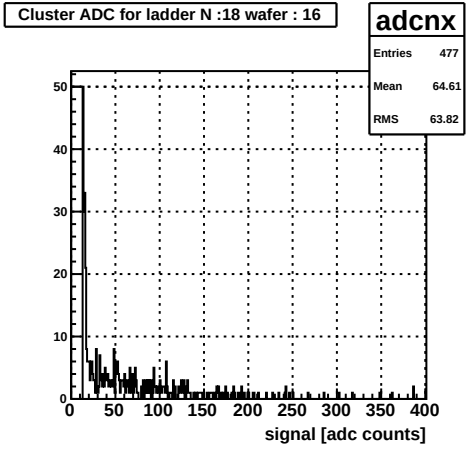

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 27
Mean 30.17
RMS 16.51
signal [adc counts]

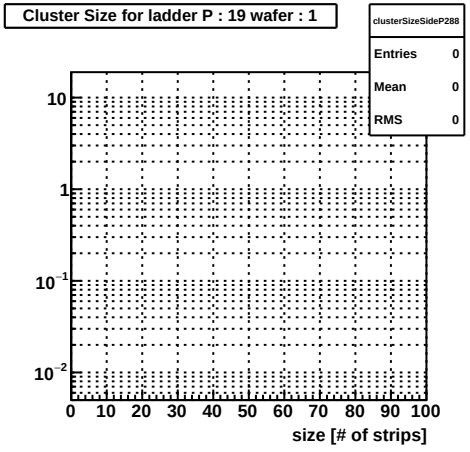

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 1721
Mean 1.162
RMS 0.4404
size [# of strips]

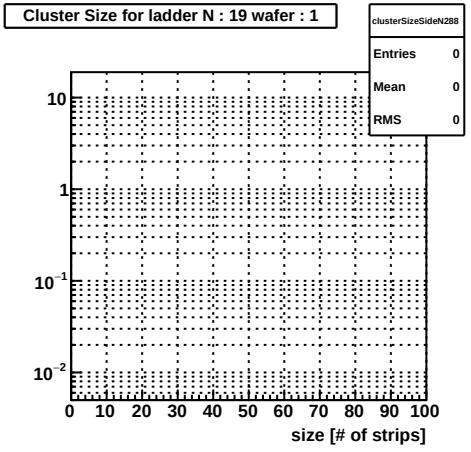

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 477
Mean 1.738
RMS 1.088
size [# of strips]

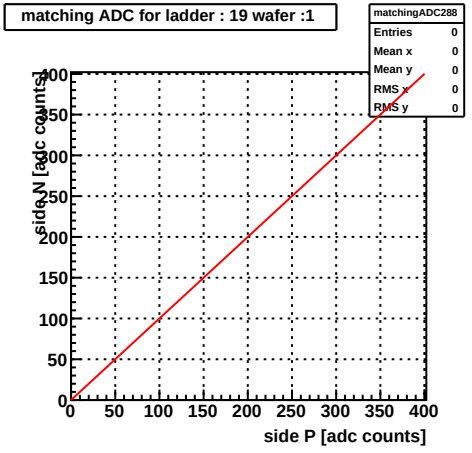

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 90
Mean x 78.84
Mean y 82.2
RMS x 52.51
RMS y 59.5
side N [adc counts]
side P [adc counts]

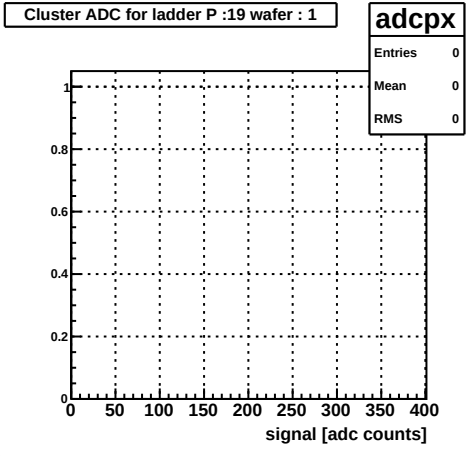

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 1721
Mean 41.87
RMS 36.8
signal [adc counts]

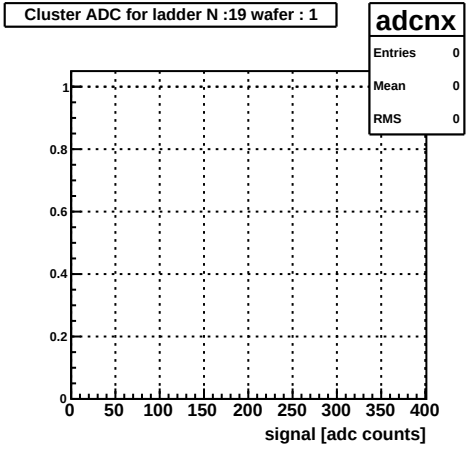

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 477
Mean 64.61
RMS 63.82
signal [adc counts]

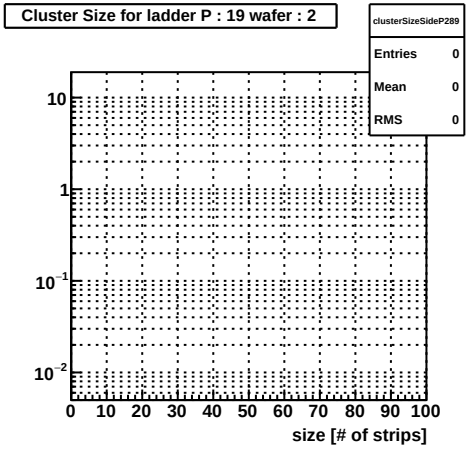

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

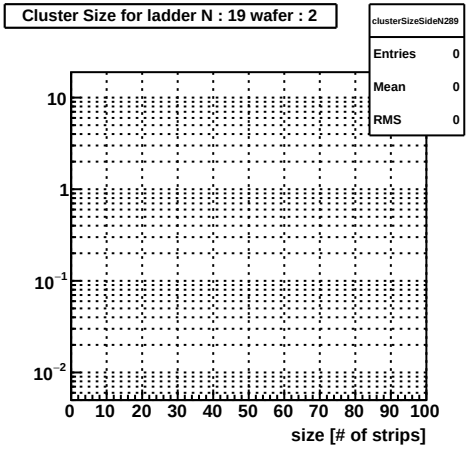

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

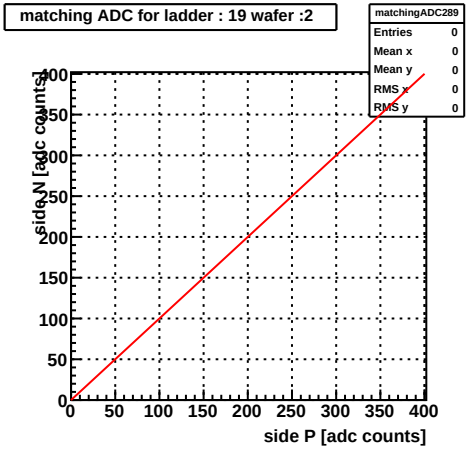

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

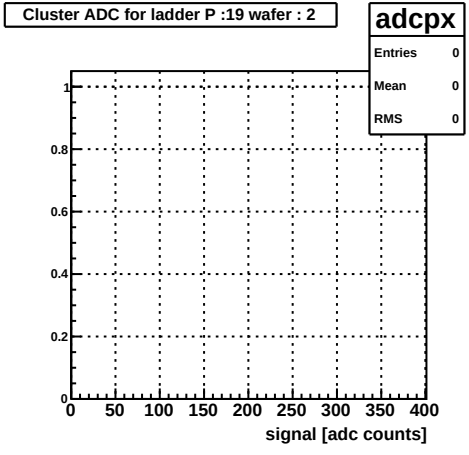

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

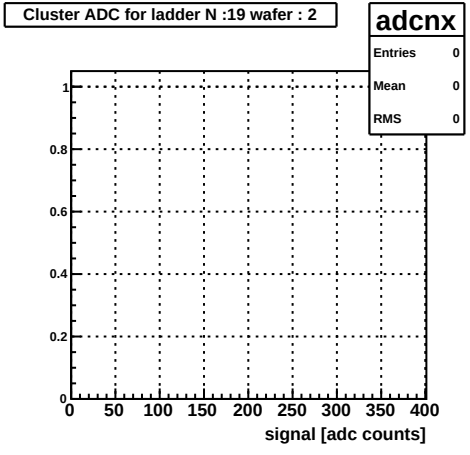

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

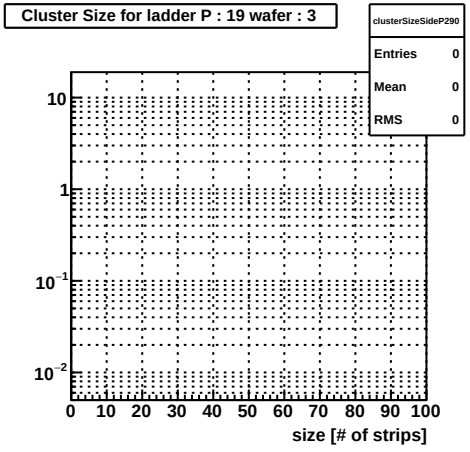

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

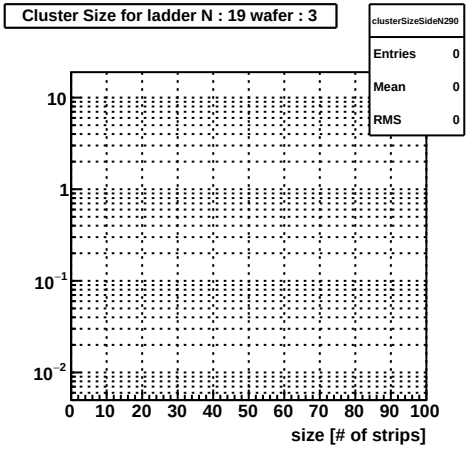

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

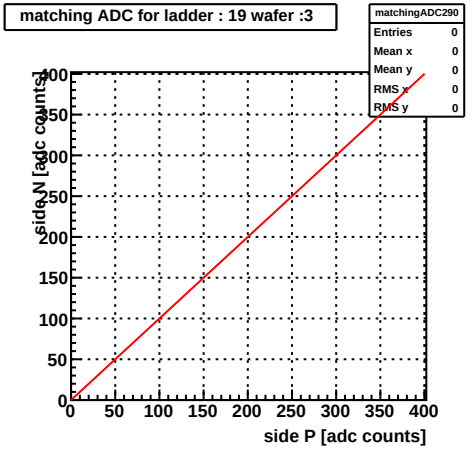

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

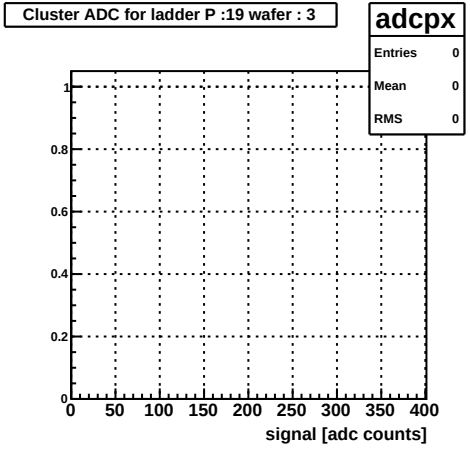

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

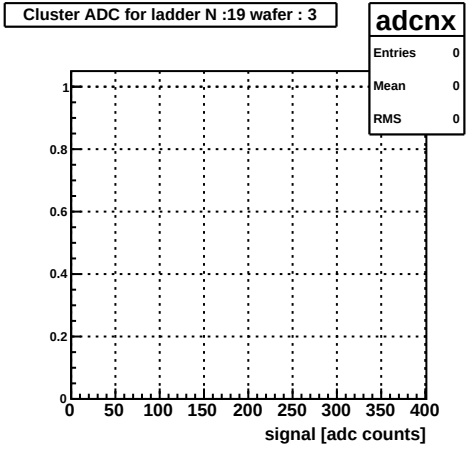

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

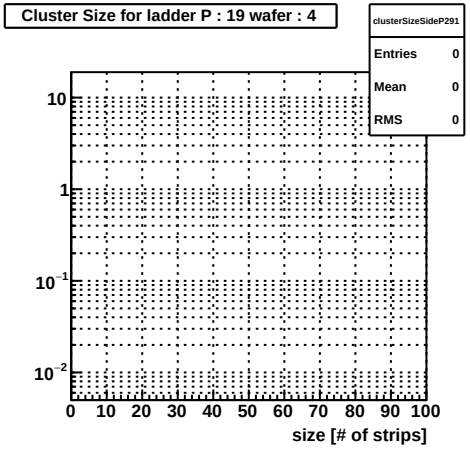

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

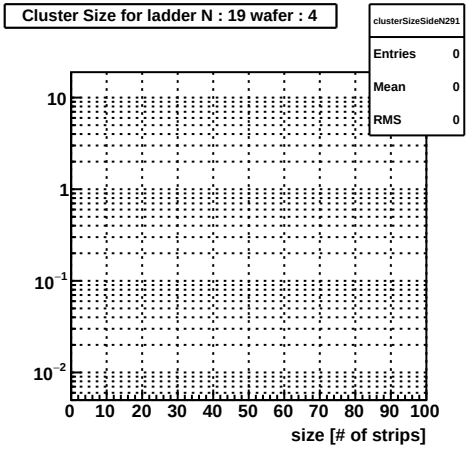

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

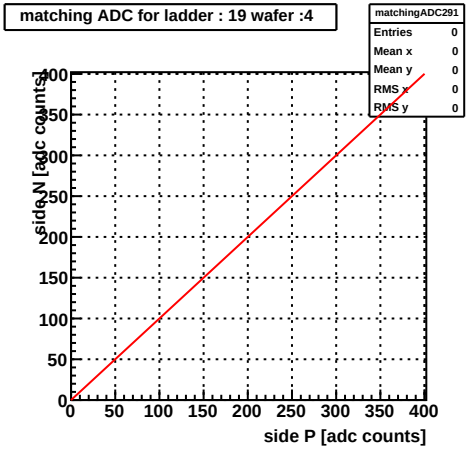

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

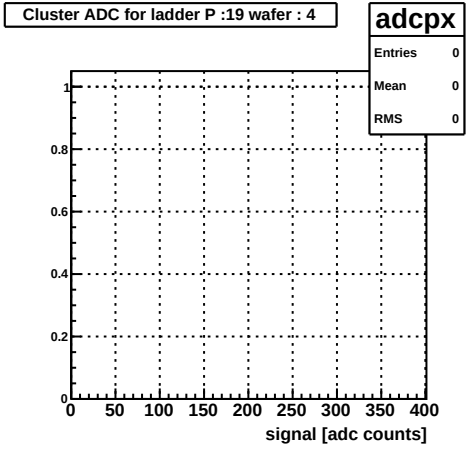

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

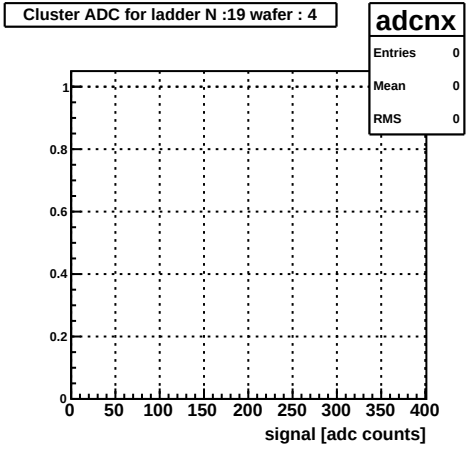

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

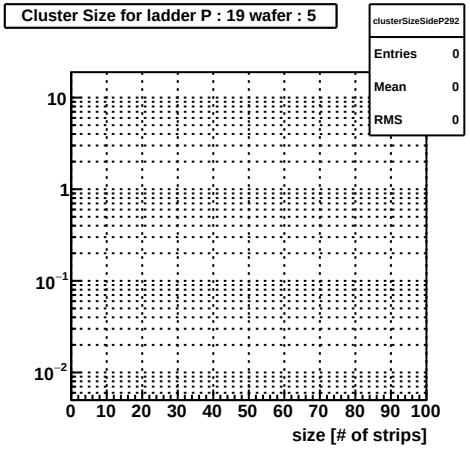

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

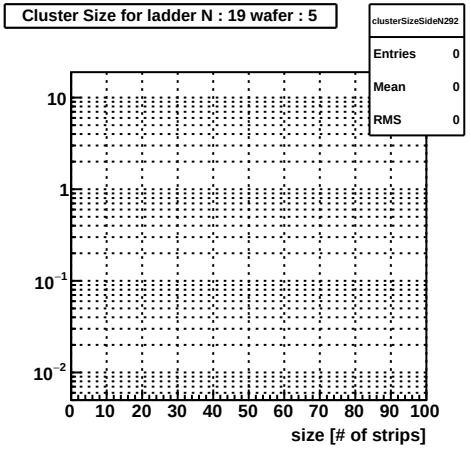

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

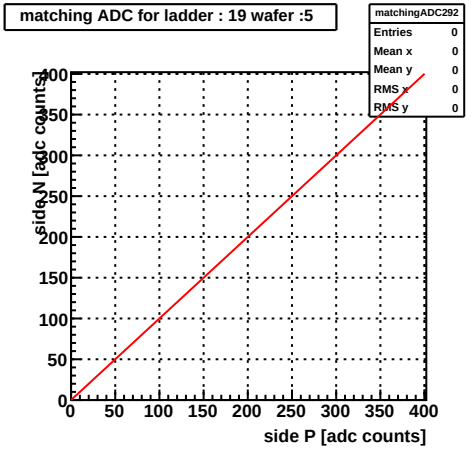

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

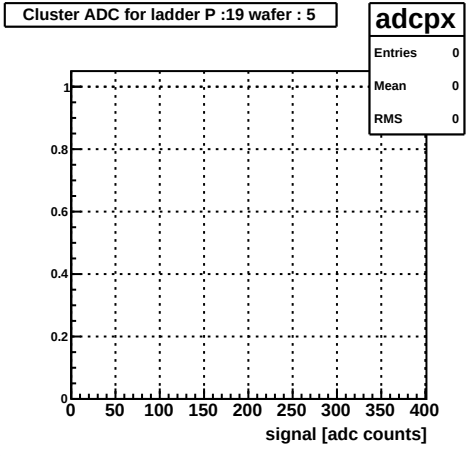

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

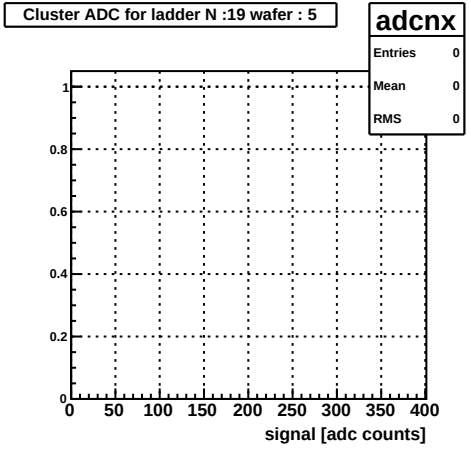

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

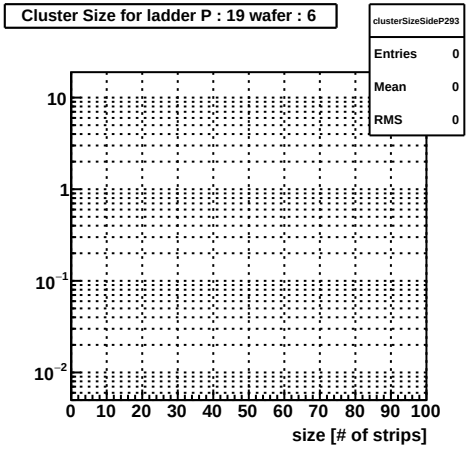

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

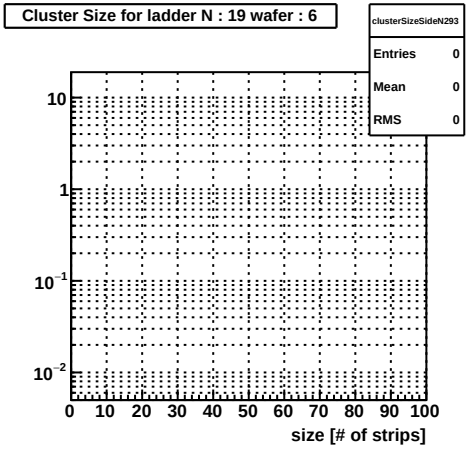

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

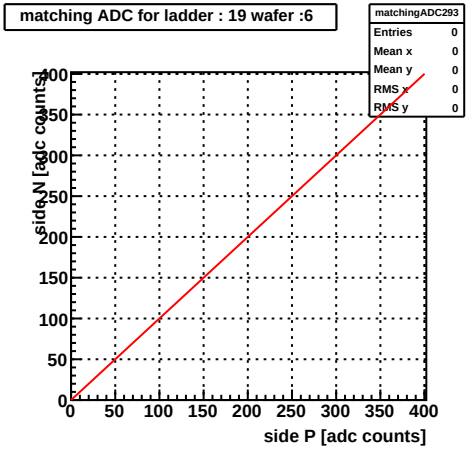

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

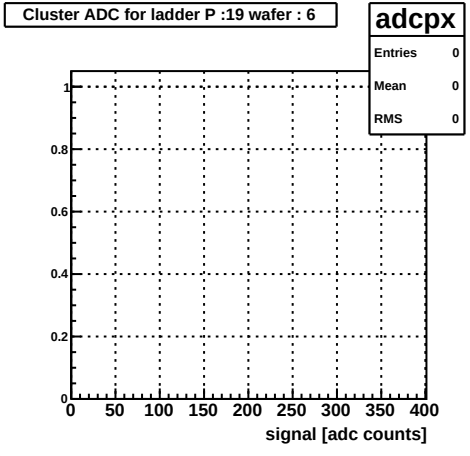

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

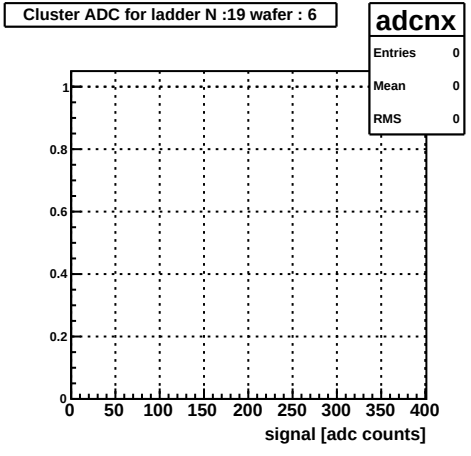

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

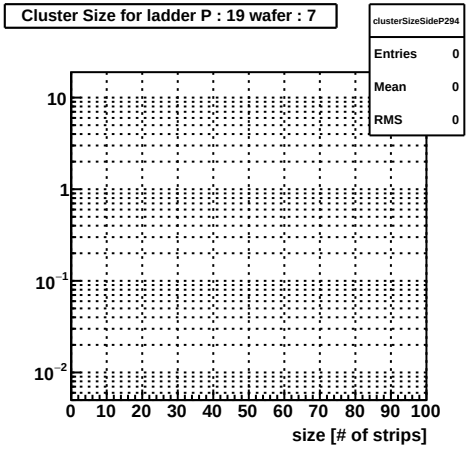

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

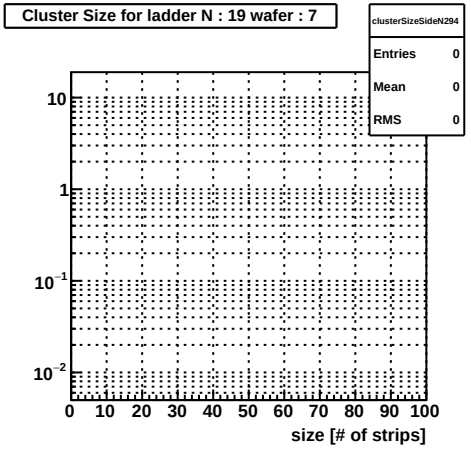

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

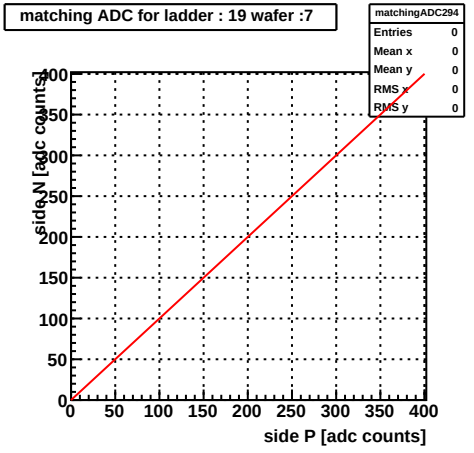

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

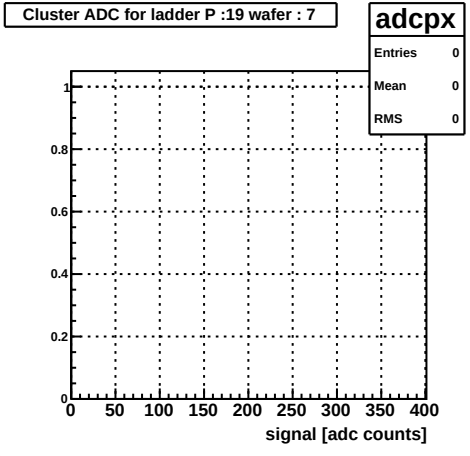

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

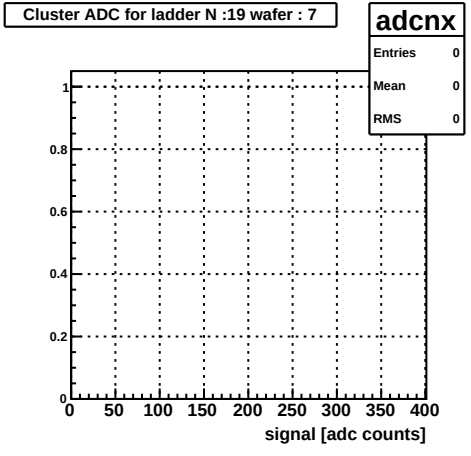

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

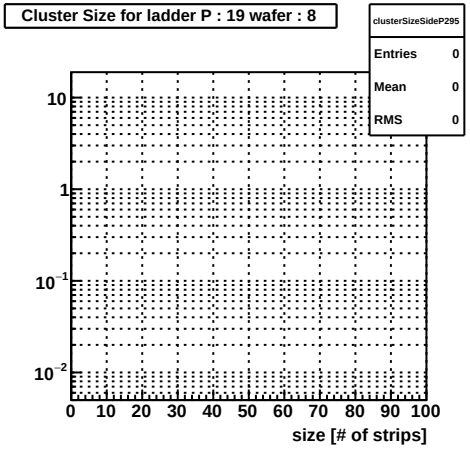

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

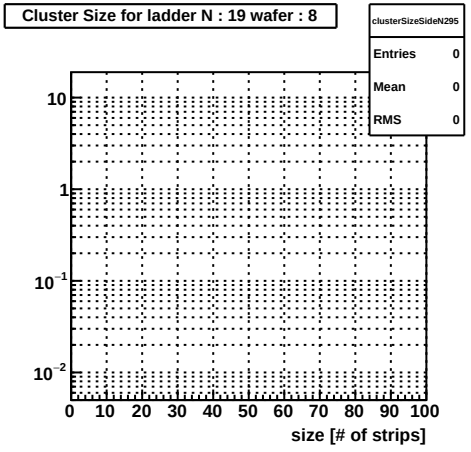

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

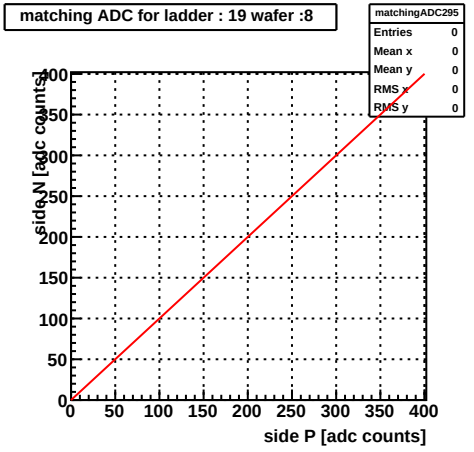

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

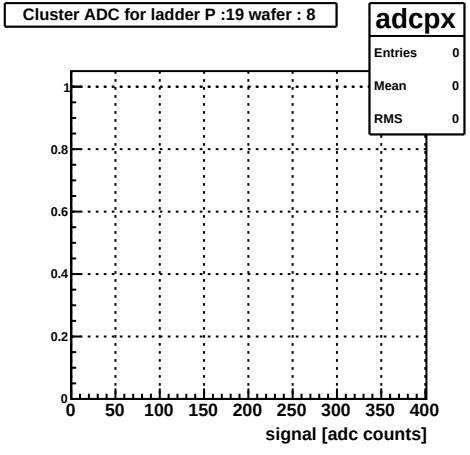

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

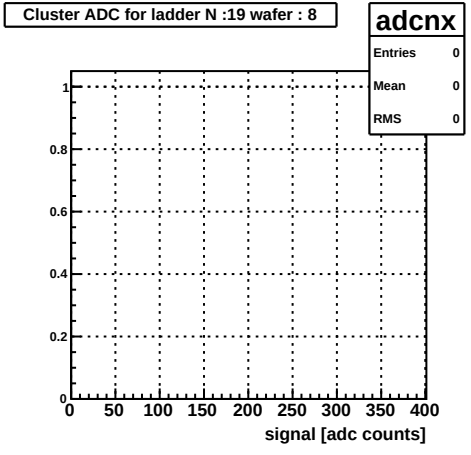

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

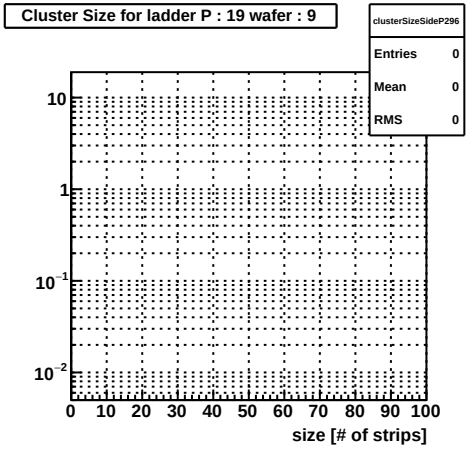

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

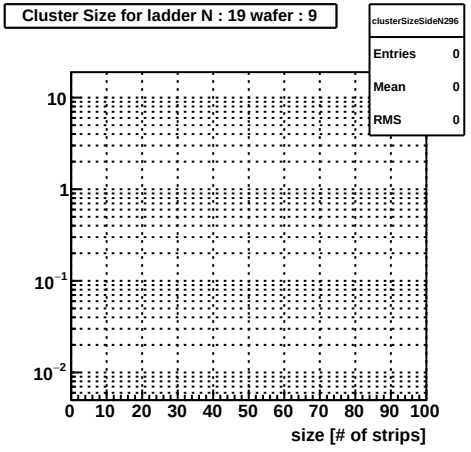

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

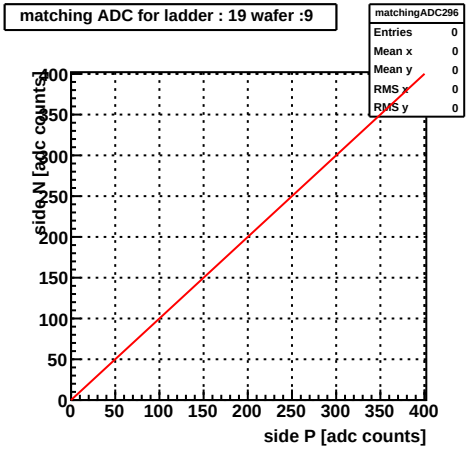

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

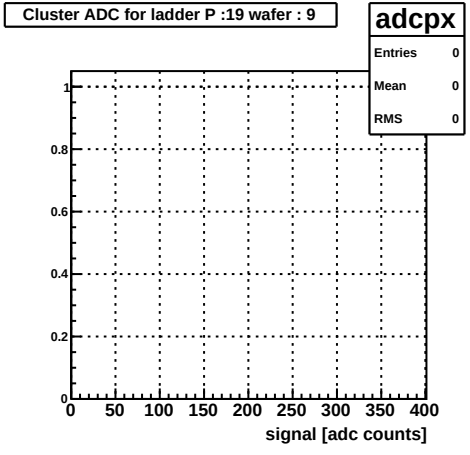

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

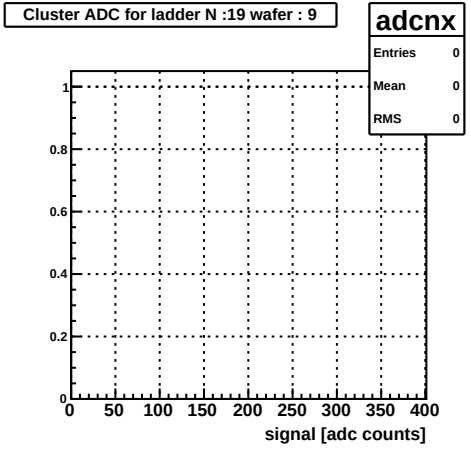

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

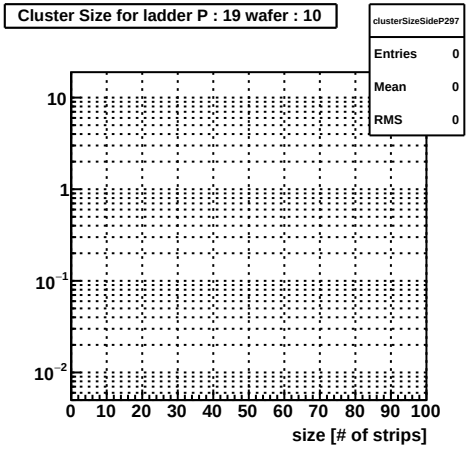

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

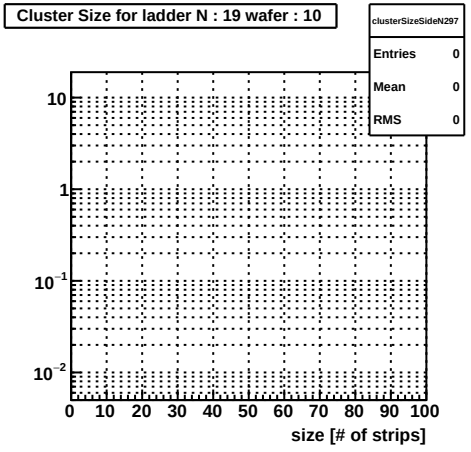

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

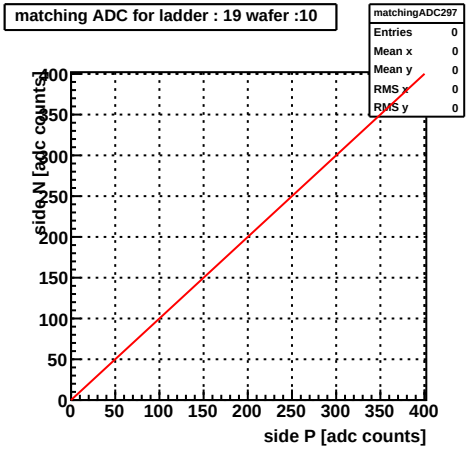

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

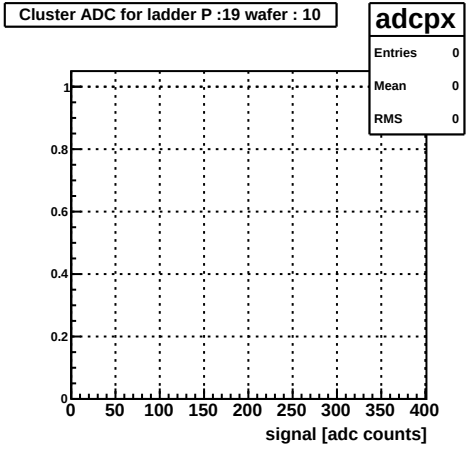

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

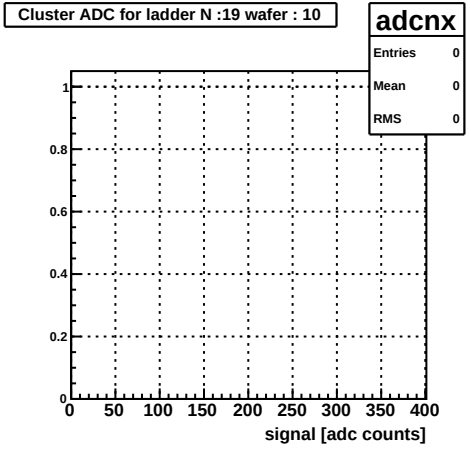

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

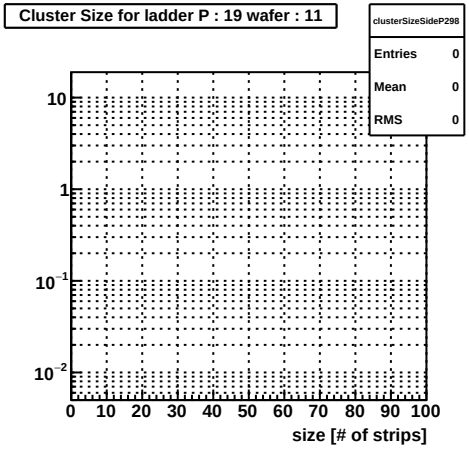

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

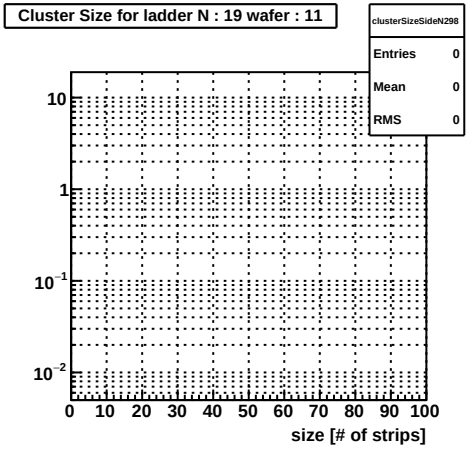

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

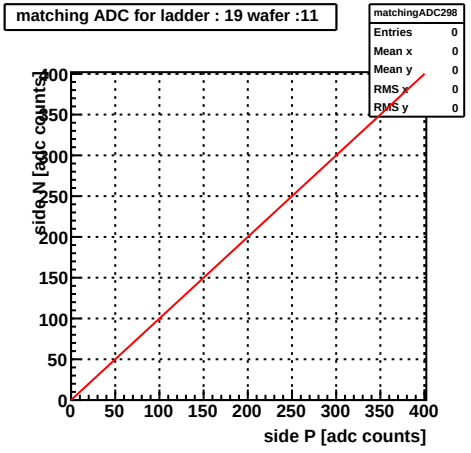

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

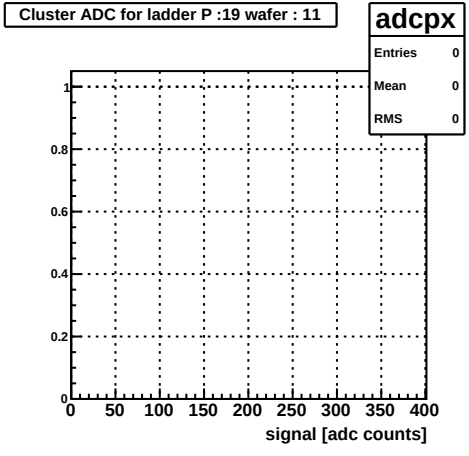

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

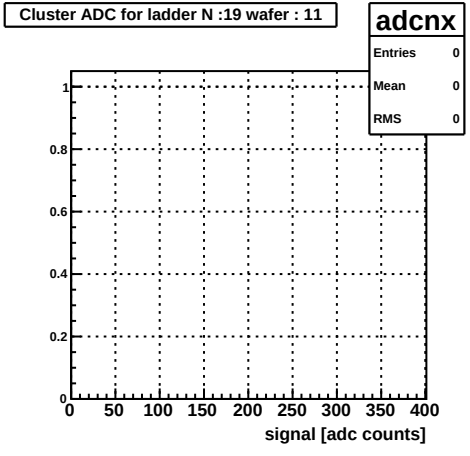

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

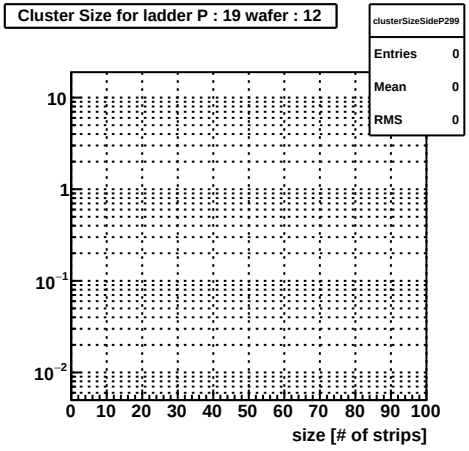

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

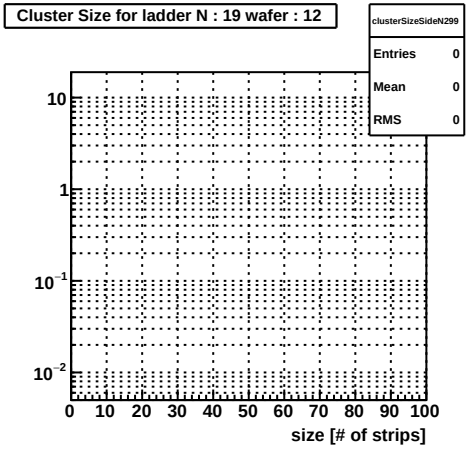

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

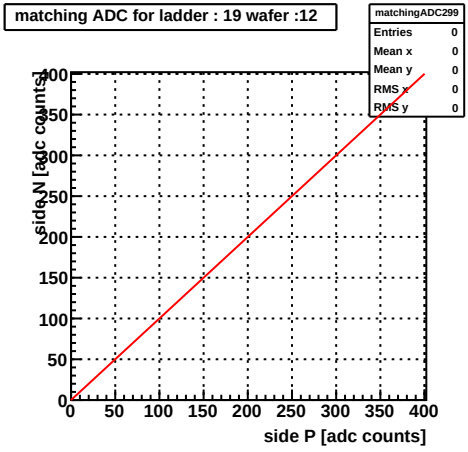

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

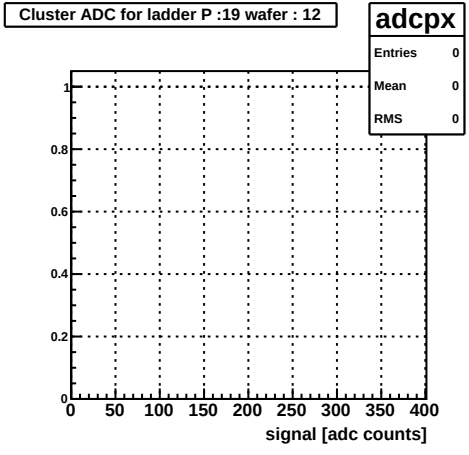

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

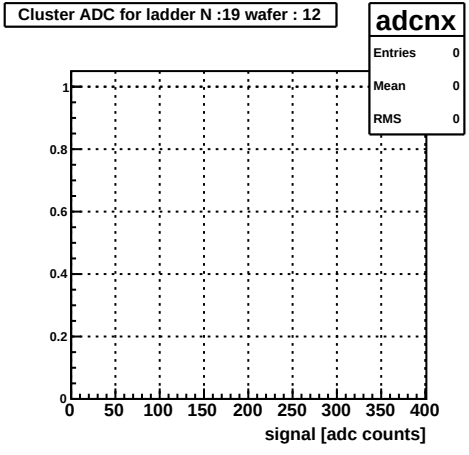

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

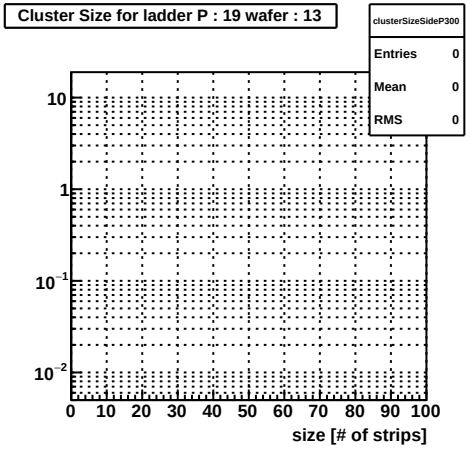

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

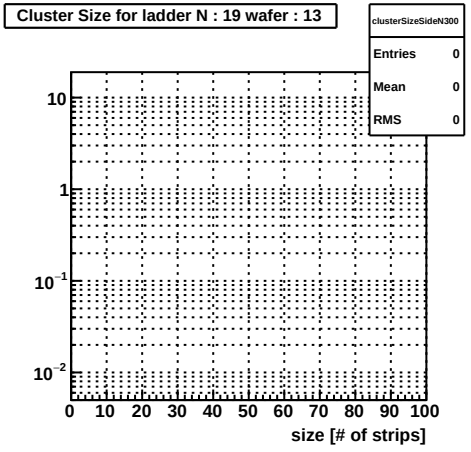

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

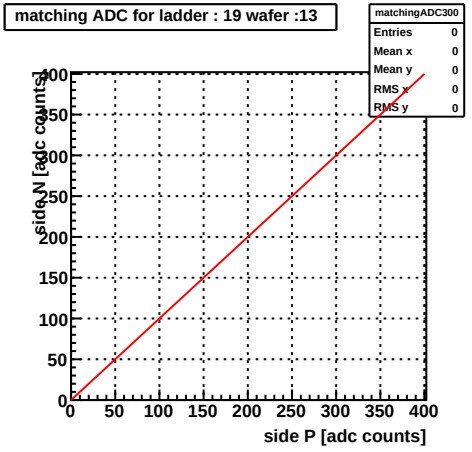

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

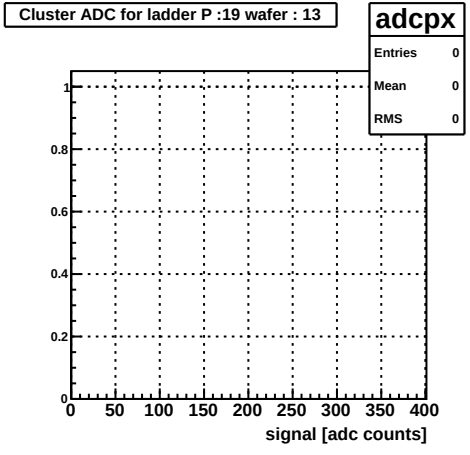

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

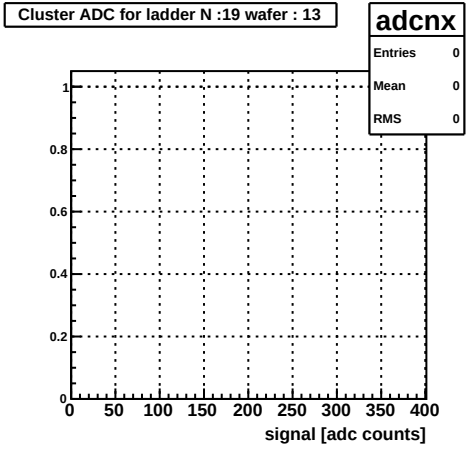

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

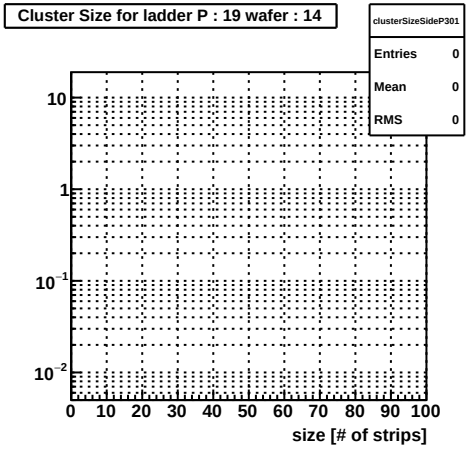

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

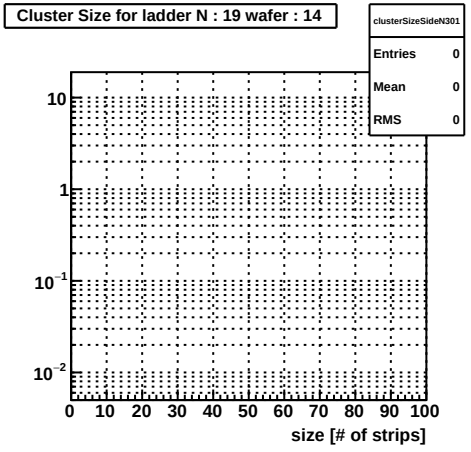

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

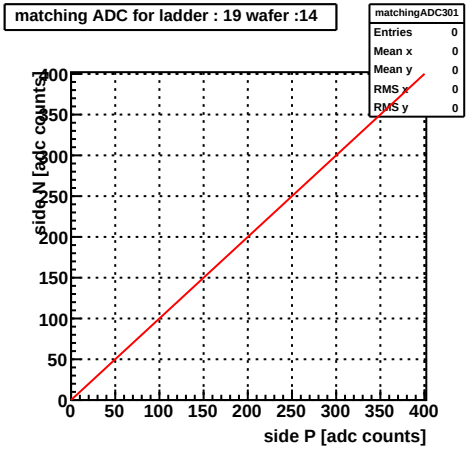

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

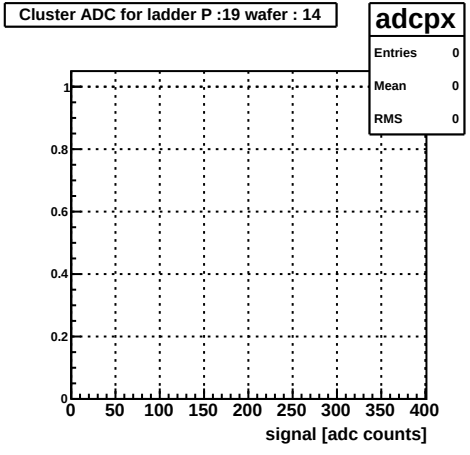

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

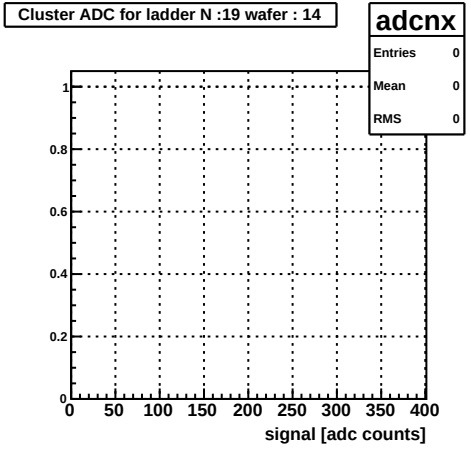

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

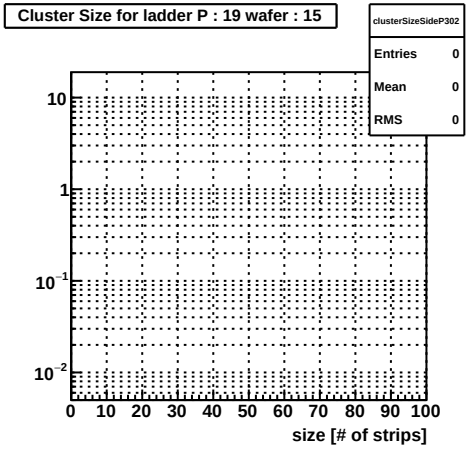

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

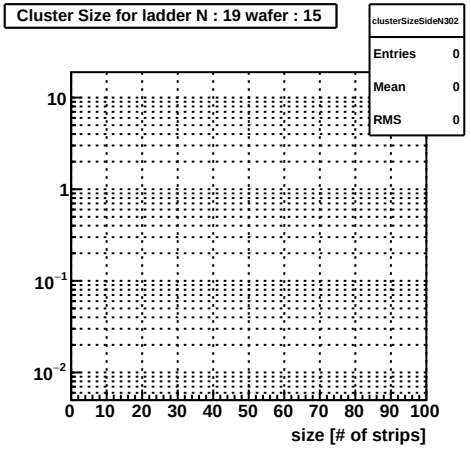

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

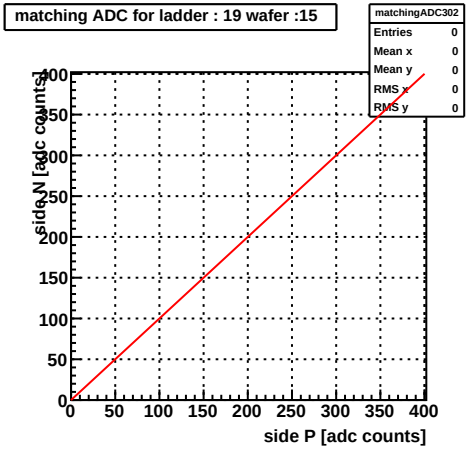

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

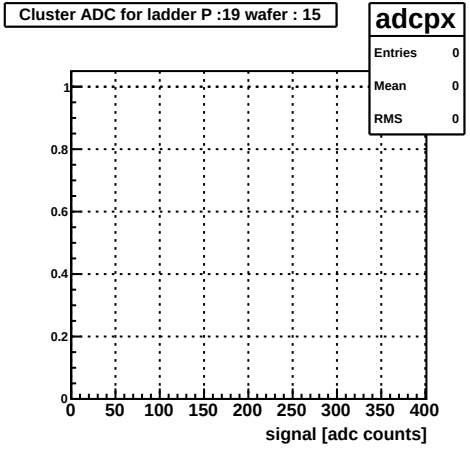

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

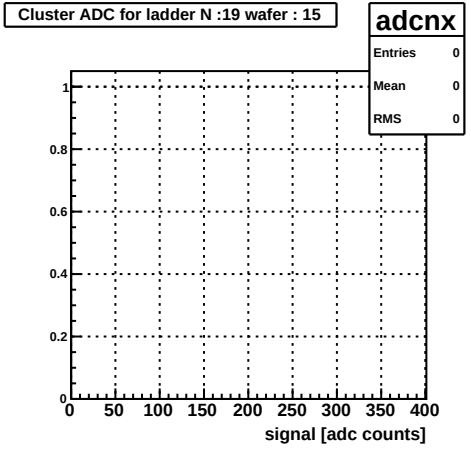

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

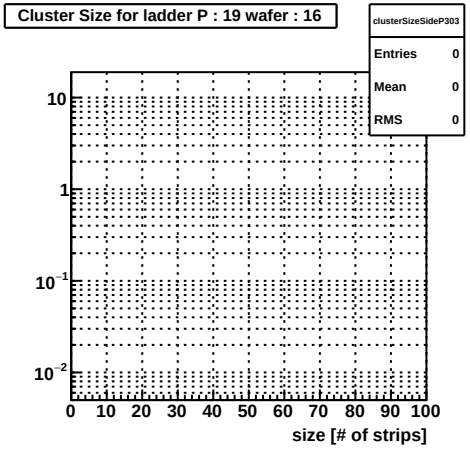

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

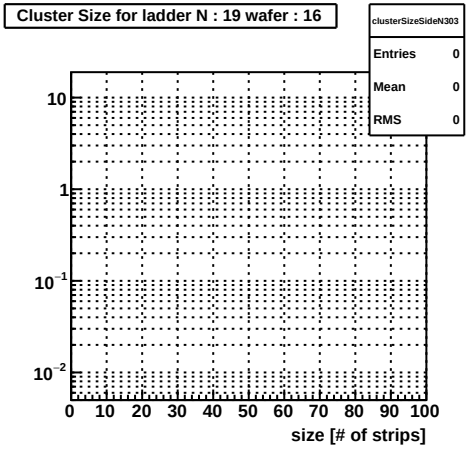

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

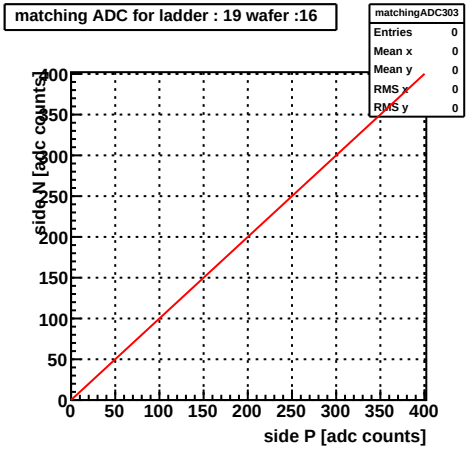

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

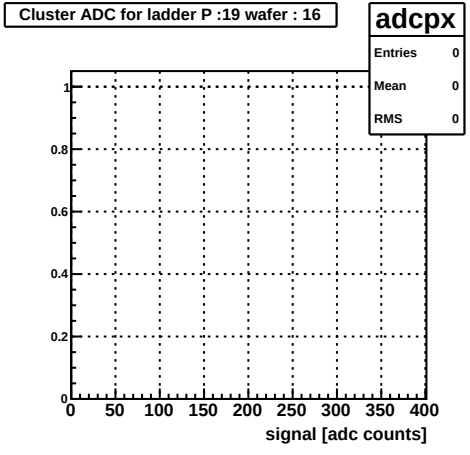

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

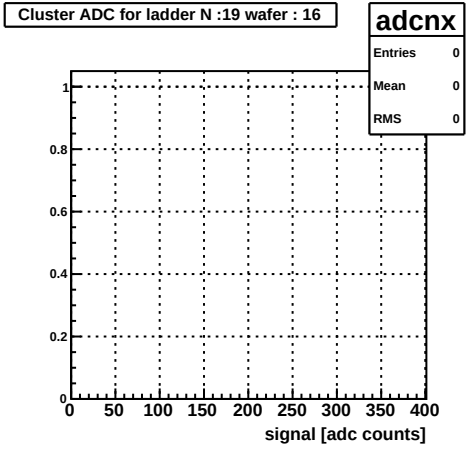

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

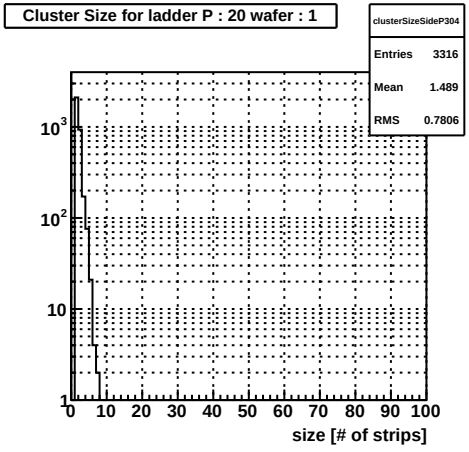

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

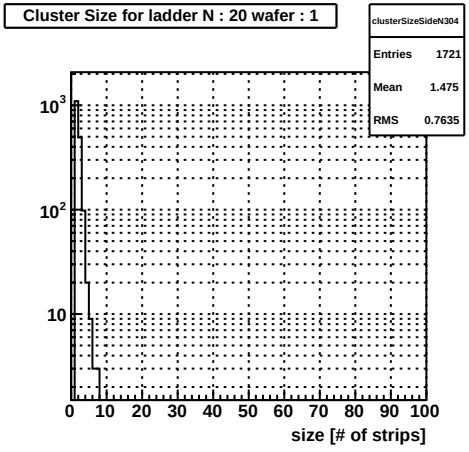

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

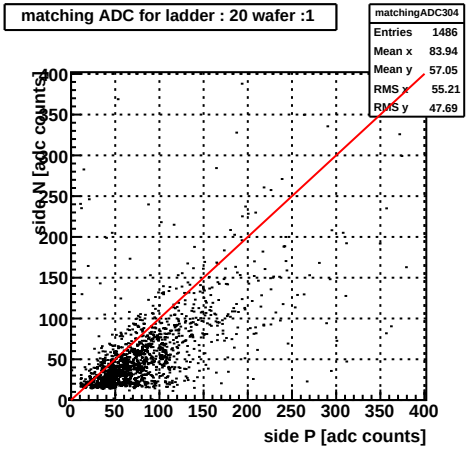

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

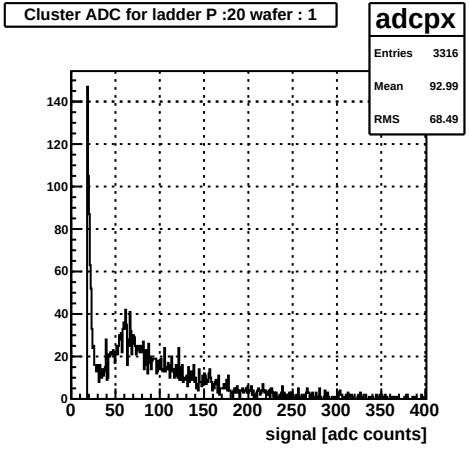

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

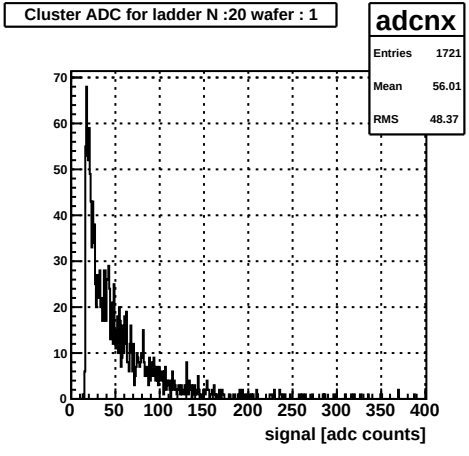

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

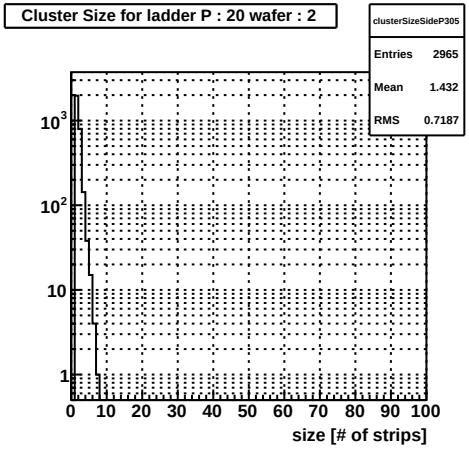

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 3316
Mean 1.489
RMS 0.7806
size [# of strips]

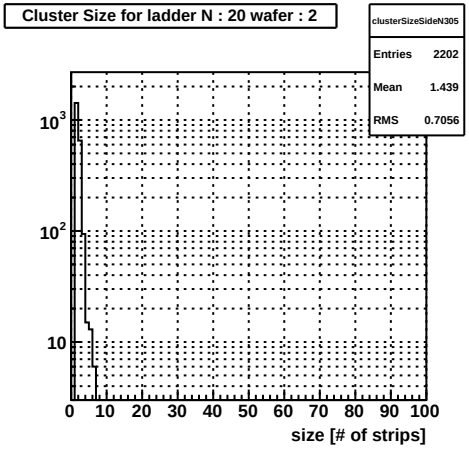

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 1721
Mean 1.475
RMS 0.7635
size [# of strips]

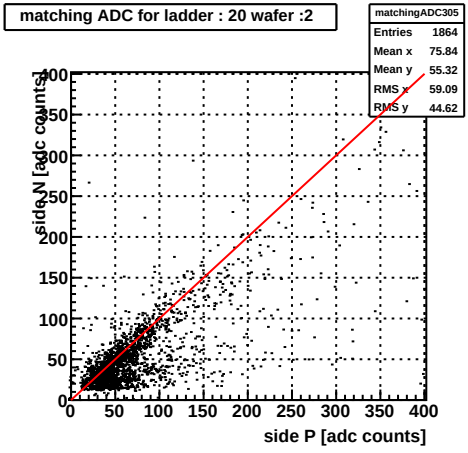

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 1486
Mean x 83.94
Mean y 57.05
RMS x 55.21
RMS y 47.69
side N [adc counts]
side P [adc counts]

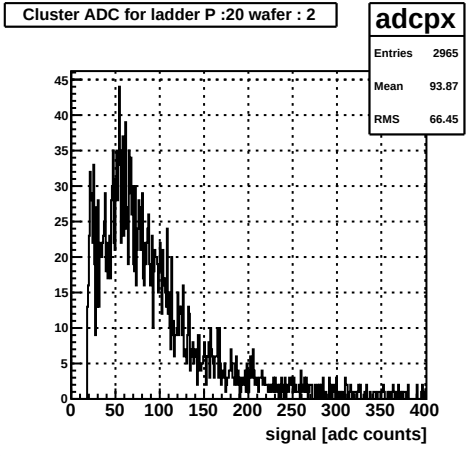

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 3316
Mean 92.99
RMS 68.49
signal [adc counts]

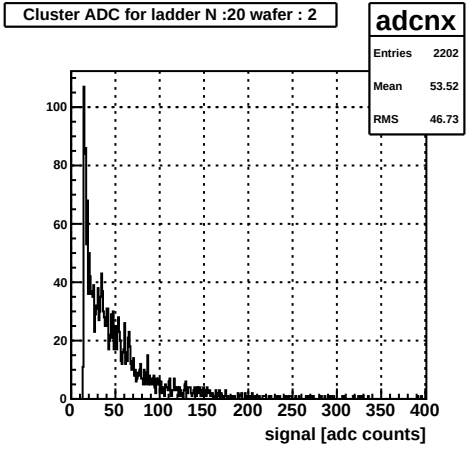

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 1721
Mean 56.01
RMS 48.37
signal [adc counts]

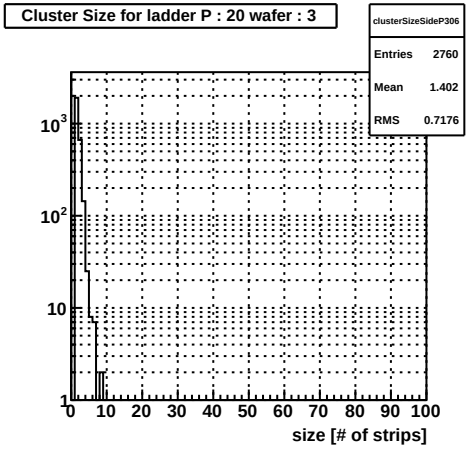

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2965
Mean 1.432
RMS 0.7187
size [# of strips]

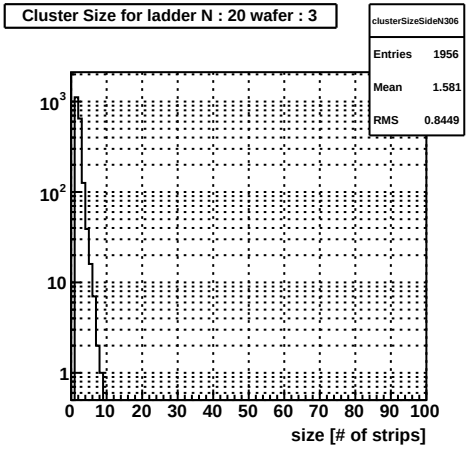

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 2202
Mean 1.439
RMS 0.7056
size [# of strips]

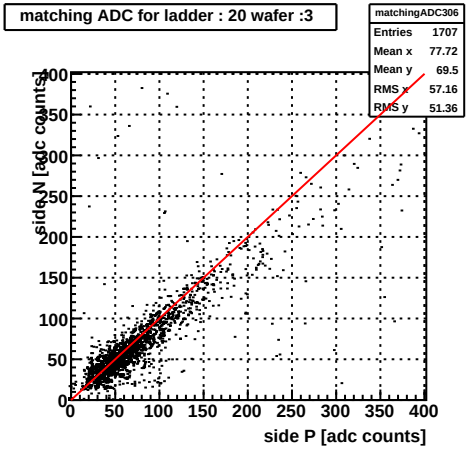

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 1864
Mean x 75.84
Mean y 55.32
RMS x 59.09
RMS y 44.62
side N [adc counts]
side P [adc counts]

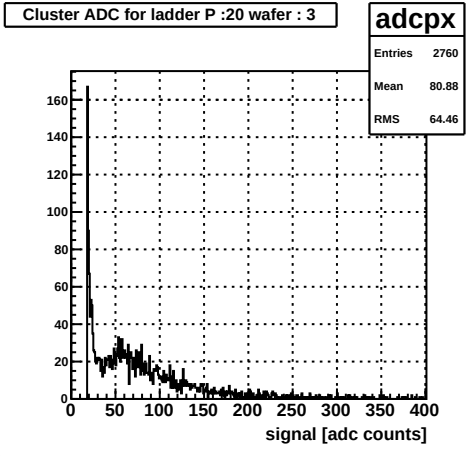

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2965
Mean 93.87
RMS 66.45
signal [adc counts]

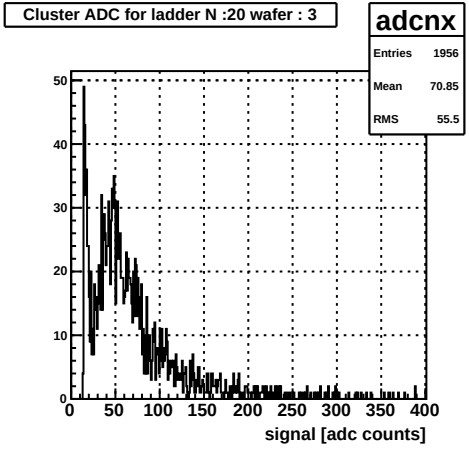

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 2202
Mean 53.52
RMS 46.73
signal [adc counts]

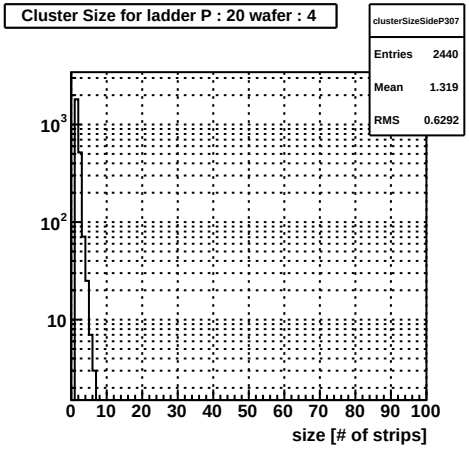

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 2760
Mean 1.402
RMS 0.7176
size [# of strips]

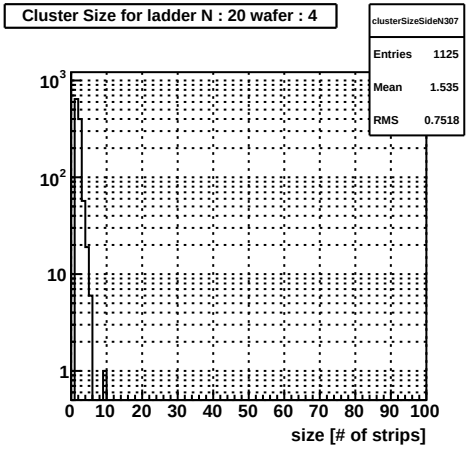

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 1956
Mean 1.581
RMS 0.8449
size [# of strips]

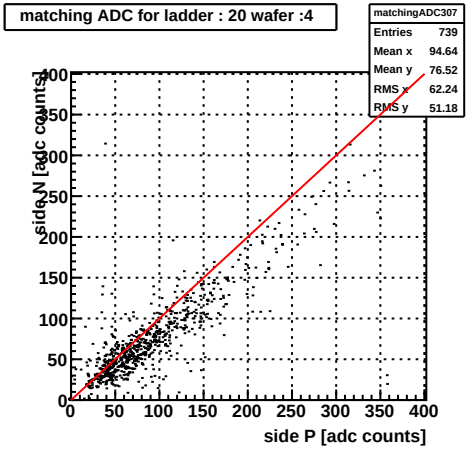

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 1707
Mean x 77.72
Mean y 69.5
RMS x 57.16
RMS y 51.36
side N [adc counts]
side P [adc counts]

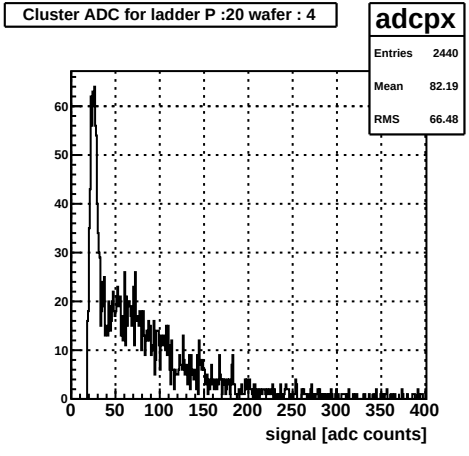

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 2760
Mean 80.88
RMS 64.46
signal [adc counts]

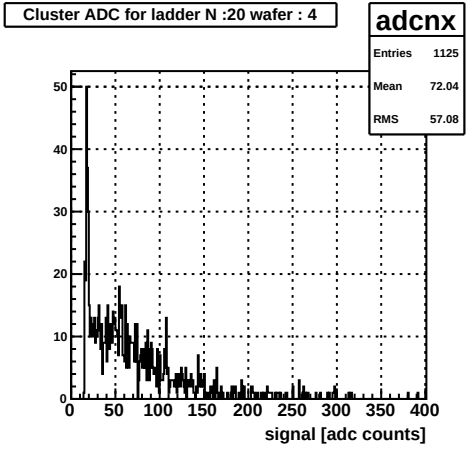

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 1956
Mean 70.85
RMS 55.5
signal [adc counts]

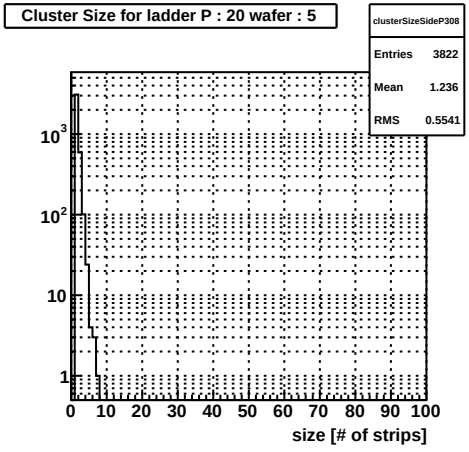

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2440
Mean 1.319
RMS 0.6292
size [# of strips]

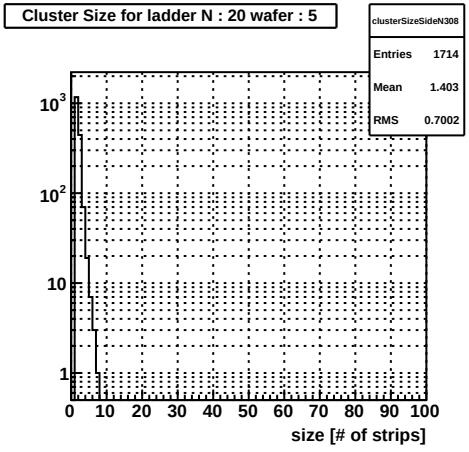

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1125
Mean 1.535
RMS 0.7518
size [# of strips]

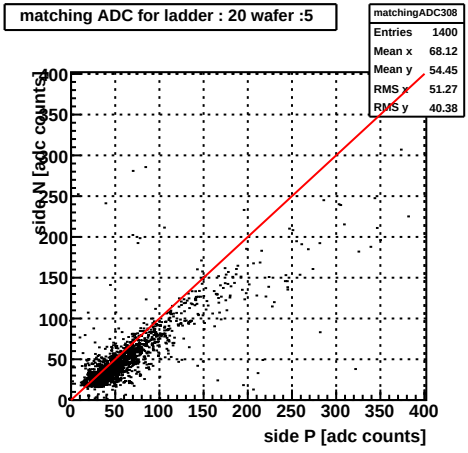

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 739
Mean x 94.64
Mean y 76.52
RMS x 62.24
RMS y 51.18
side N [adc counts]
side P [adc counts]

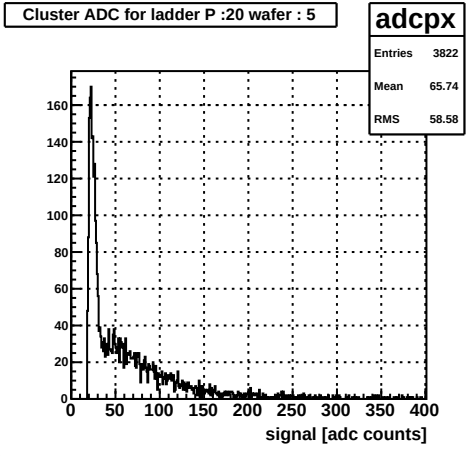

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2440
Mean 82.19
RMS 66.48
signal [adc counts]

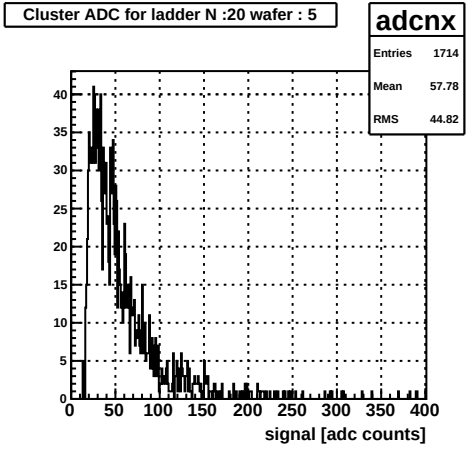

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1125
Mean 72.04
RMS 57.08
signal [adc counts]

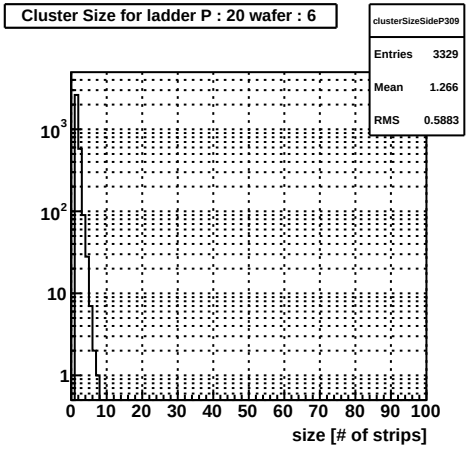

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 3822
Mean 1.236
RMS 0.5541
size [# of strips]

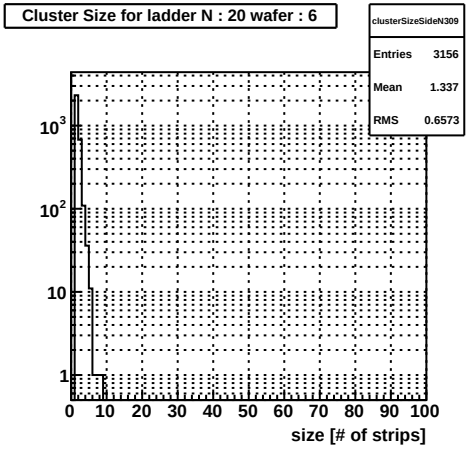

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1714
Mean 1.403
RMS 0.7002
size [# of strips]

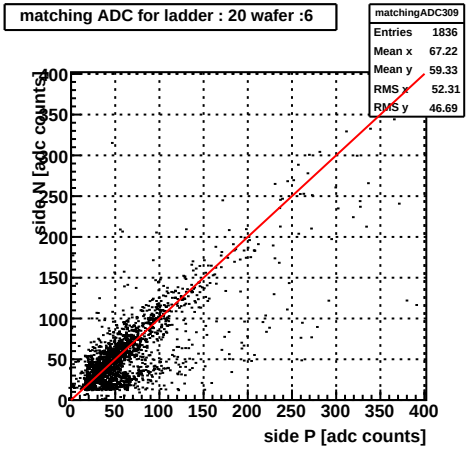

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 1400
Mean x 68.12
Mean y 54.45
RMS x 51.27
RMS y 40.38
side N [adc counts]
side P [adc counts]

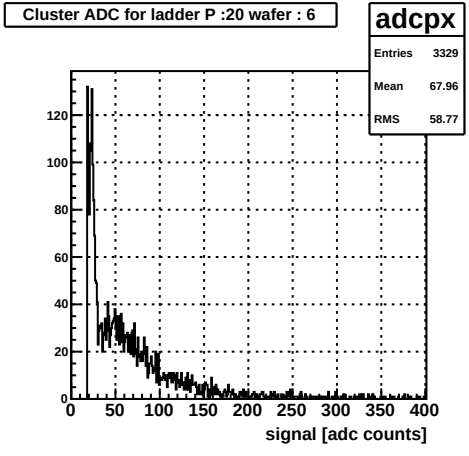

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 3822
Mean 65.74
RMS 58.58
signal [adc counts]

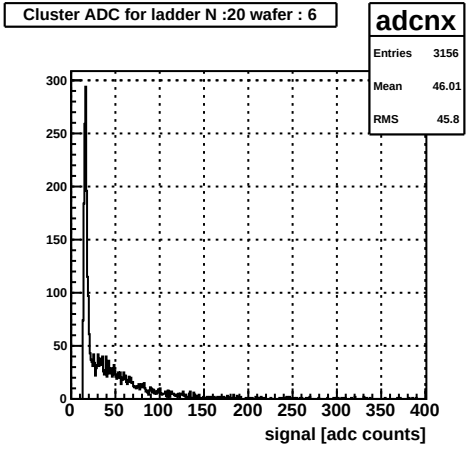

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1714
Mean 57.78
RMS 44.82
signal [adc counts]

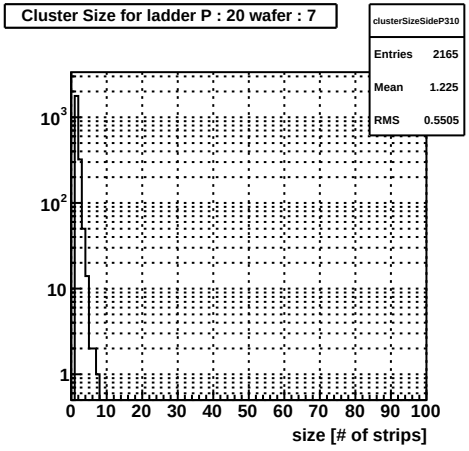

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 3329
Mean 1.266
RMS 0.5883
size [# of strips]

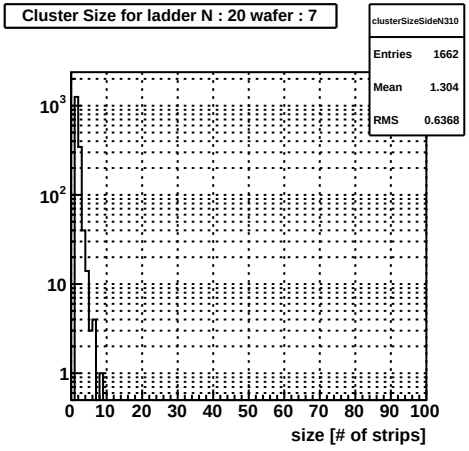

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 3156
Mean 1.337
RMS 0.6573
size [# of strips]

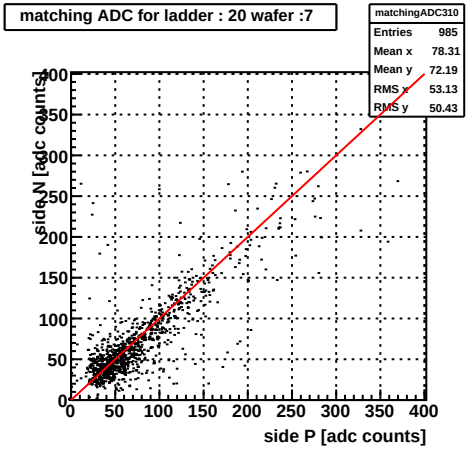

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 1836
Mean x 67.22
Mean y 59.33
RMS x 52.31
RMS y 46.69
side N [adc counts]
side P [adc counts]

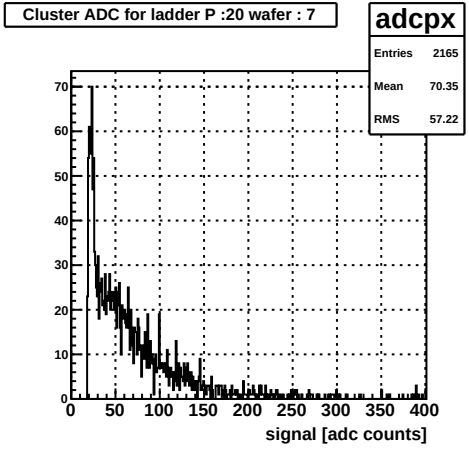

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 3329
Mean 67.96
RMS 58.77
signal [adc counts]

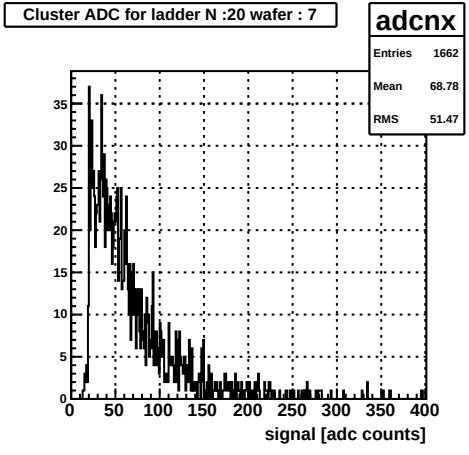

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 3156
Mean 46.01
RMS 45.8
signal [adc counts]

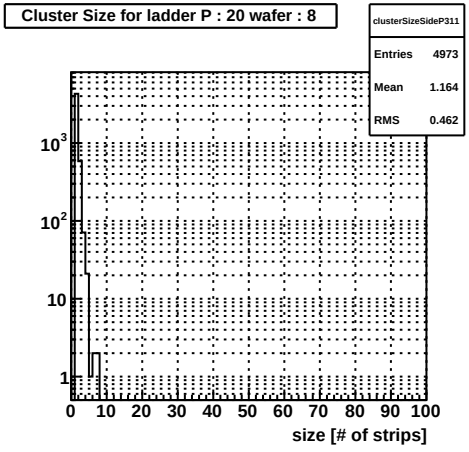

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 2165
Mean 1.225
RMS 0.5505
size [# of strips]

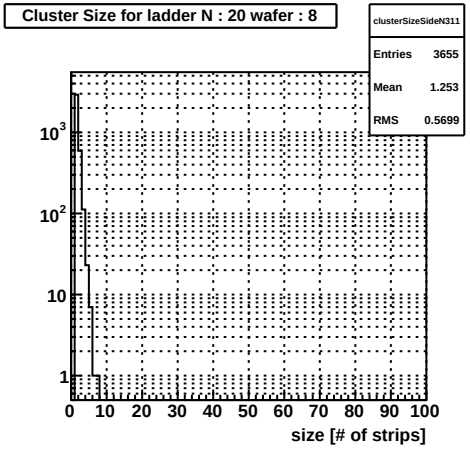

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 1662
Mean 1.304
RMS 0.6368
size [# of strips]

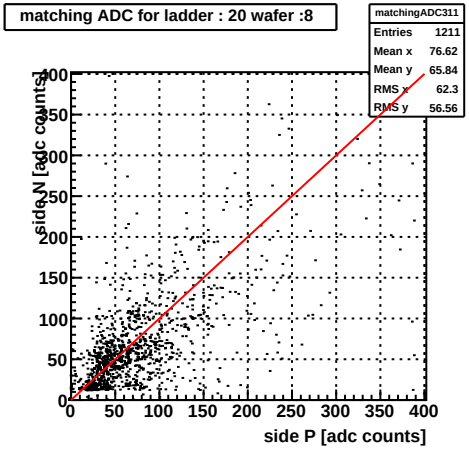

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 985
Mean x 78.31
Mean y 72.19
RMS x 53.13
RMS y 50.43
side N [adc counts]
side P [adc counts]

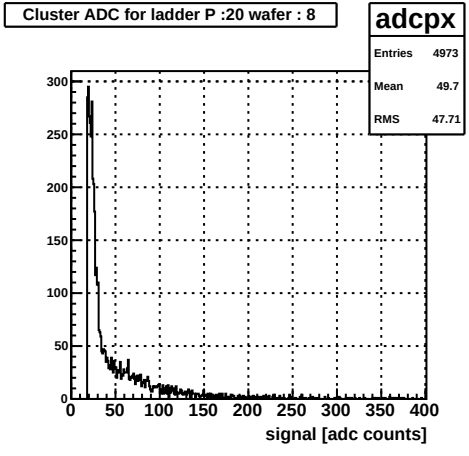

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 2165
Mean 70.35
RMS 57.22
signal [adc counts]

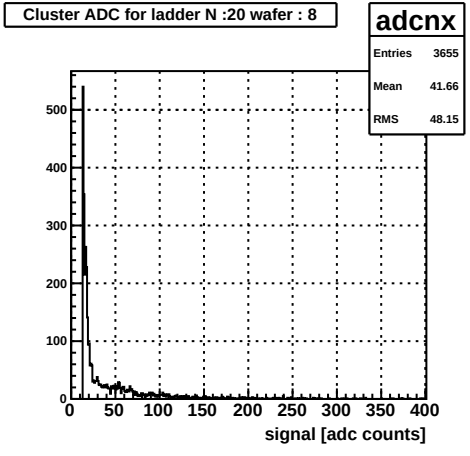

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 1662
Mean 68.78
RMS 51.47
signal [adc counts]

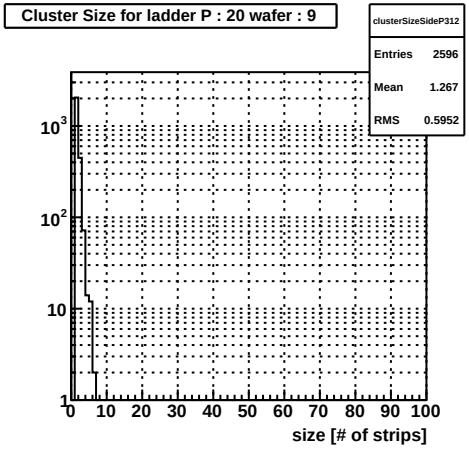

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 4973
Mean 1.164
RMS 0.462
size [# of strips]

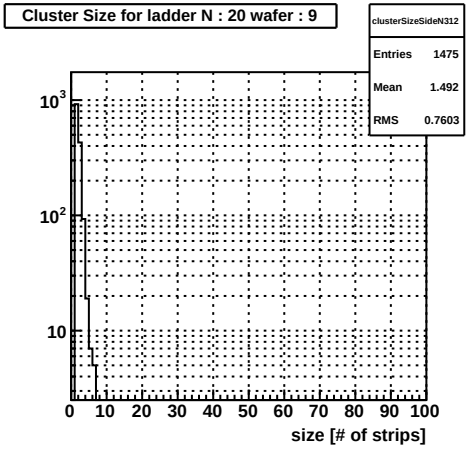

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 3655
Mean 1.253
RMS 0.5699
size [# of strips]

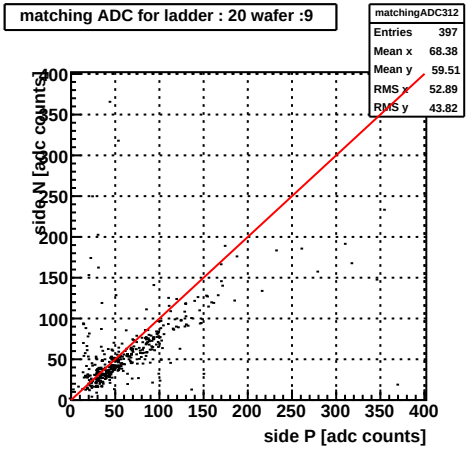

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 1211
Mean x 76.62
Mean y 65.84
RMS x 62.3
RMS y 56.56
side N [adc counts]
side P [adc counts]

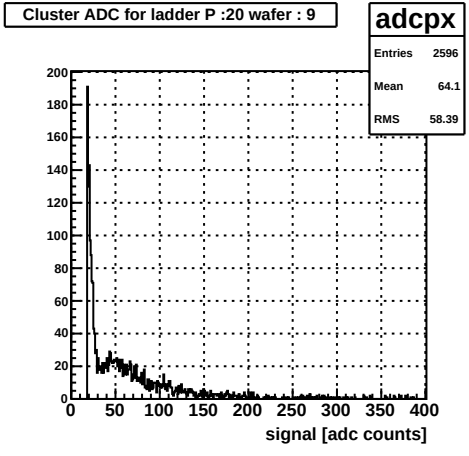

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 4973
Mean 49.7
RMS 47.71
signal [adc counts]

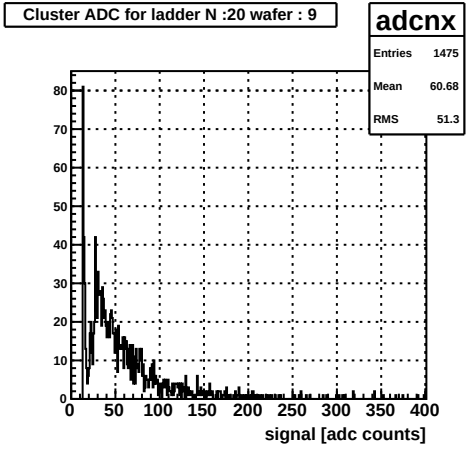

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 3655
Mean 41.66
RMS 48.15
signal [adc counts]

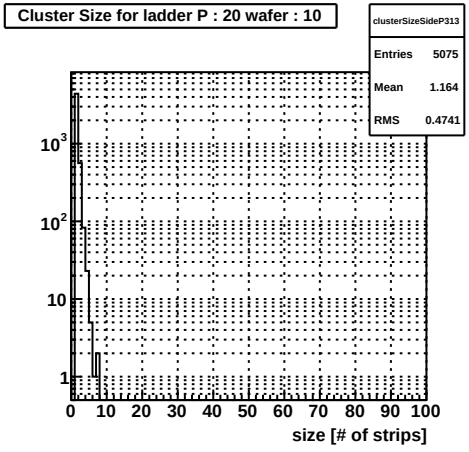

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 2596
Mean 1.267
RMS 0.5952
size [# of strips]

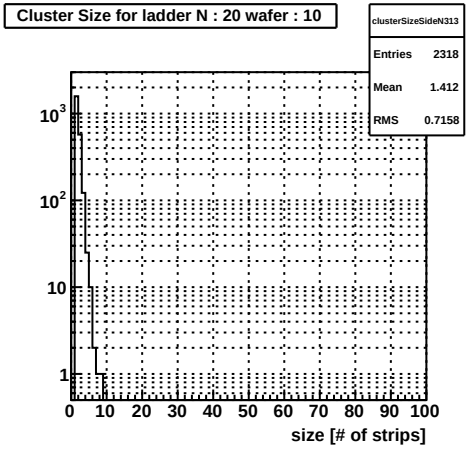

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 1475
Mean 1.492
RMS 0.7603
size [# of strips]

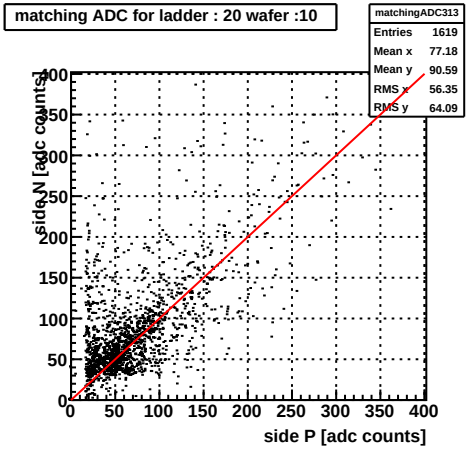

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 397
Mean x 68.38
Mean y 59.51
RMS x 52.89
RMS y 43.82
side N [adc counts]
side P [adc counts]

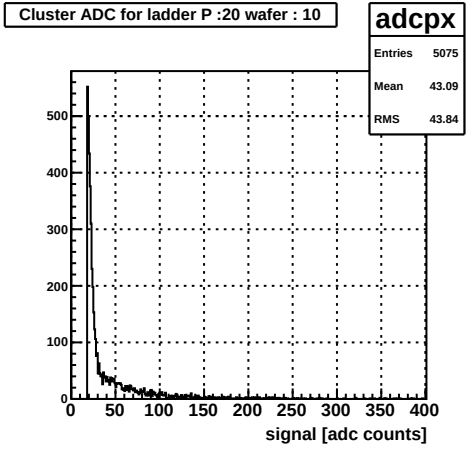

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 2596
Mean 64.1
RMS 58.39
signal [adc counts]

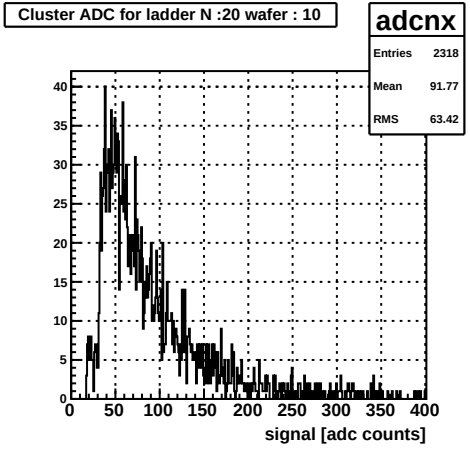

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 1475
Mean 60.68
RMS 51.3
signal [adc counts]

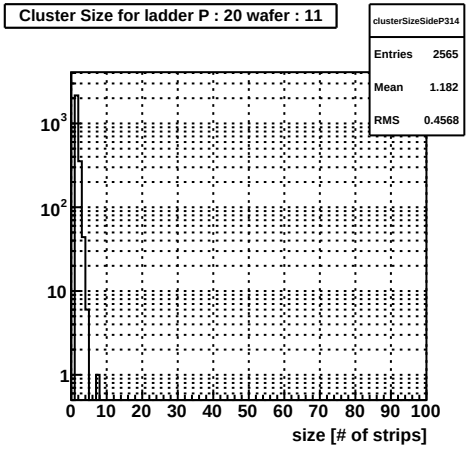

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 5075
Mean 1.164
RMS 0.4741
size [# of strips]

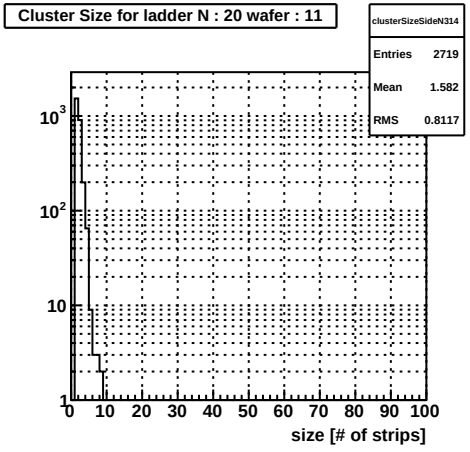

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 2318
Mean 1.412
RMS 0.7158
size [# of strips]

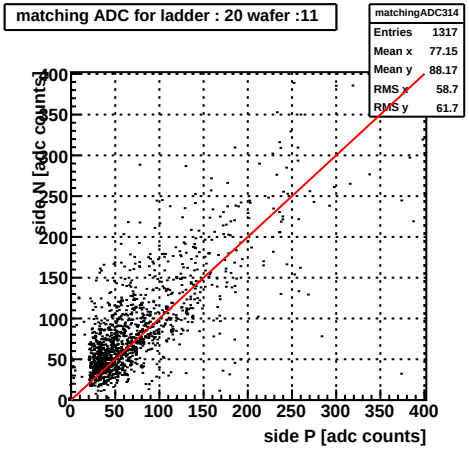

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 1619
Mean x 77.18
Mean y 90.59
RMS x 56.35
RMS y 64.09
side N [adc counts]
side P [adc counts]

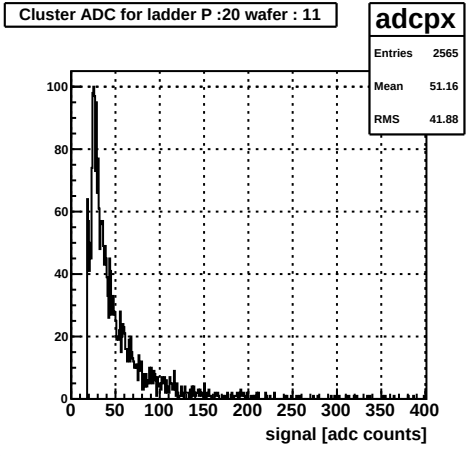

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 5075
Mean 43.09
RMS 43.84
signal [adc counts]

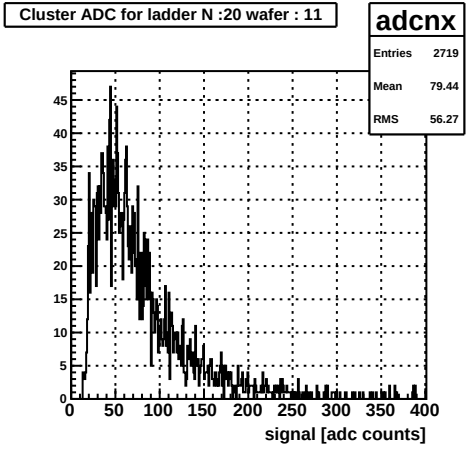

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 2318
Mean 91.77
RMS 63.42
signal [adc counts]

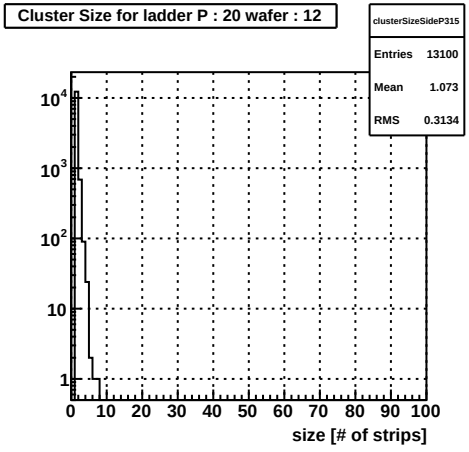

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 2565
Mean 1.182
RMS 0.4568
size [# of strips]

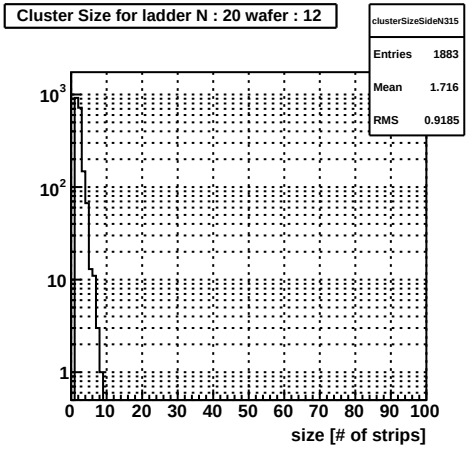

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 2719
Mean 1.582
RMS 0.8117
size [# of strips]

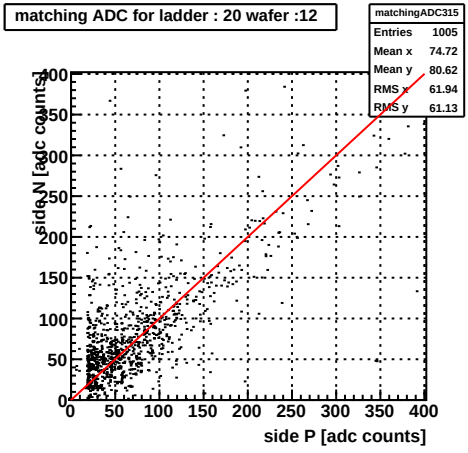

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 1317
Mean x 77.15
Mean y 88.17
RMS x 58.7
RMS y 61.7
side N [adc counts]
side P [adc counts]

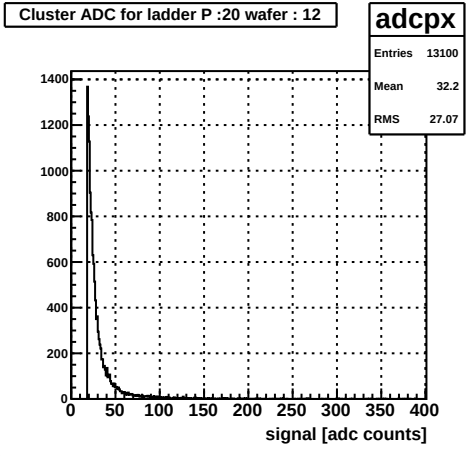

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 2565
Mean 51.16
RMS 41.88
signal [adc counts]

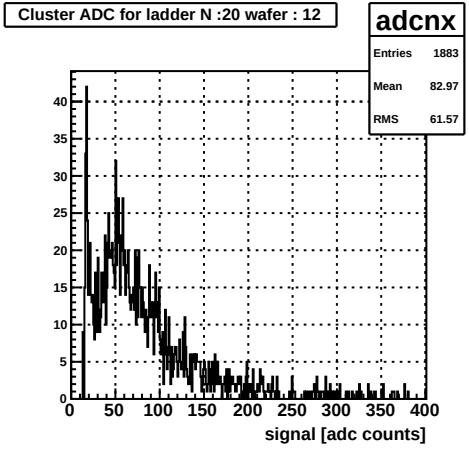

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 2719
Mean 79.44
RMS 56.27
signal [adc counts]

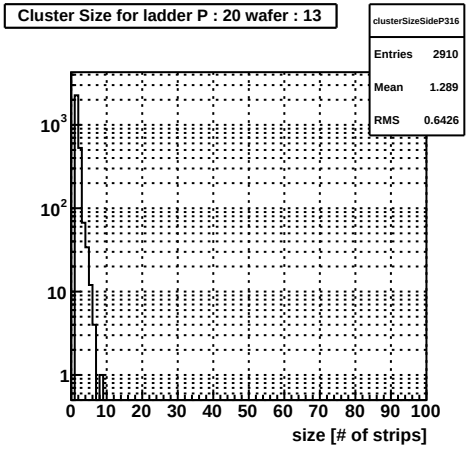

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 13100
Mean 1.073
RMS 0.3134
size [# of strips]

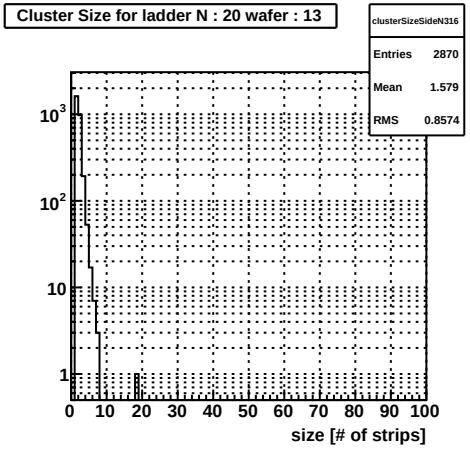

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1883
Mean 1.716
RMS 0.9185
size [# of strips]

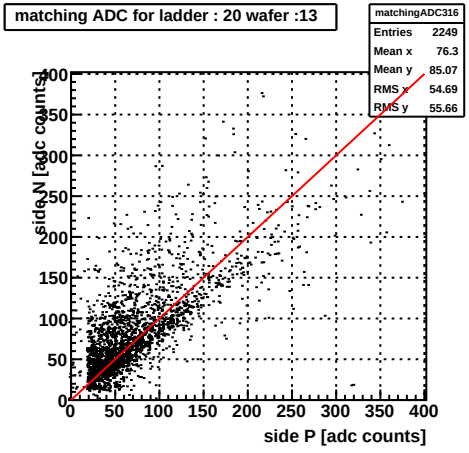

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 1005
Mean x 74.72
Mean y 80.62
RMS x 61.94
RMS y 61.13
side N [adc counts]
side P [adc counts]

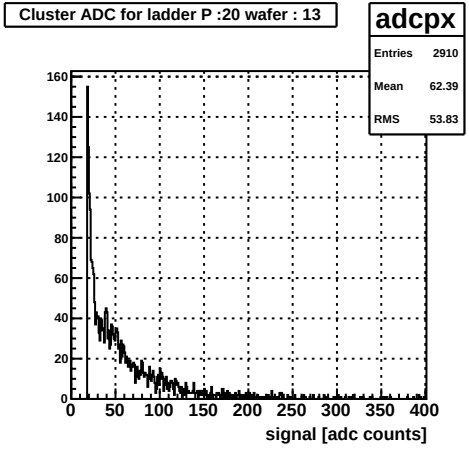

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 13100
Mean 32.2
RMS 27.07
signal [adc counts]

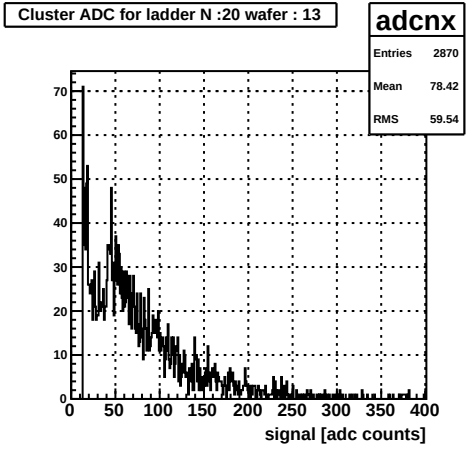

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1883
Mean 82.97
RMS 61.57
signal [adc counts]

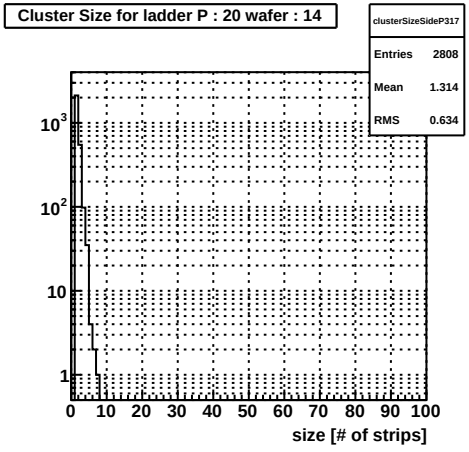

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 2910
Mean 1.289
RMS 0.6426
size [# of strips]

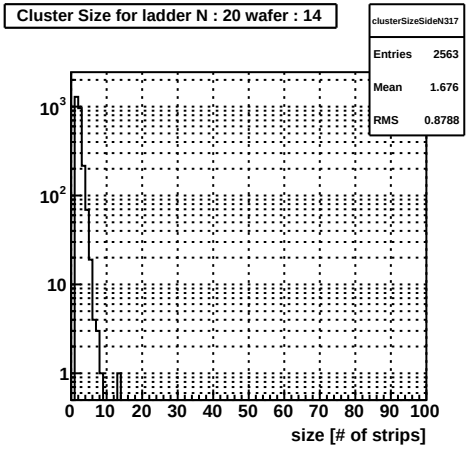

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 2870
Mean 1.579
RMS 0.8574
size [# of strips]

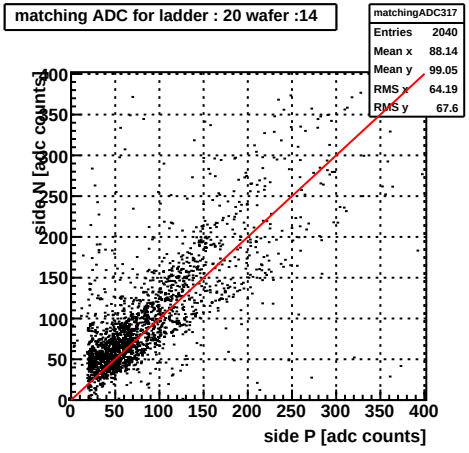

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 2249
Mean x 76.3
Mean y 85.07
RMS x 54.69
RMS y 55.66
side N [adc counts]
side P [adc counts]

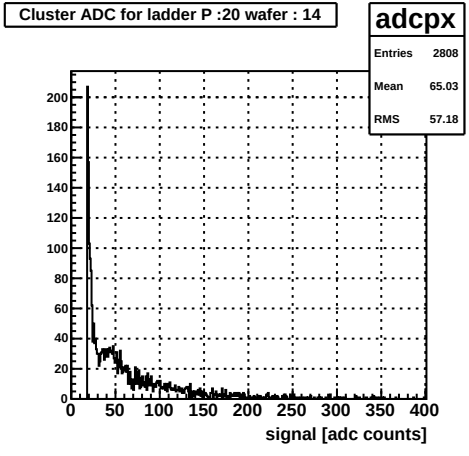

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 2910
Mean 62.39
RMS 53.83
signal [adc counts]

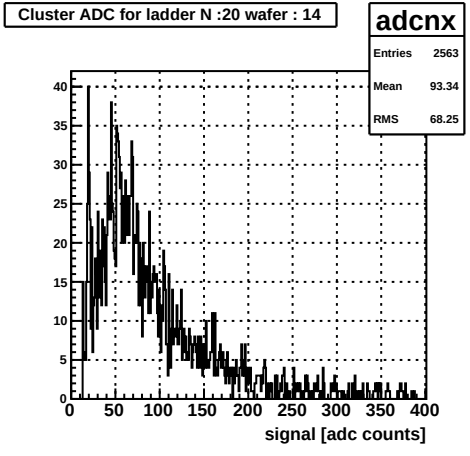

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 2870
Mean 78.42
RMS 59.54
signal [adc counts]

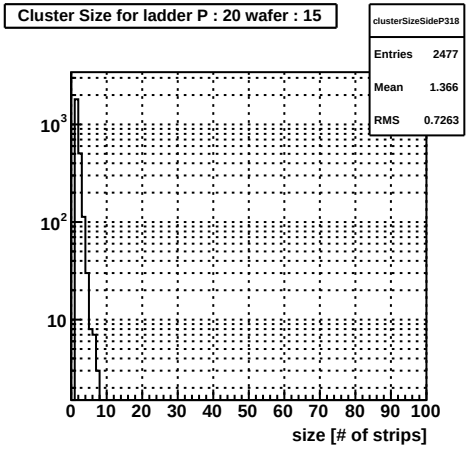

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 2808
Mean 1.314
RMS 0.634
size [# of strips]

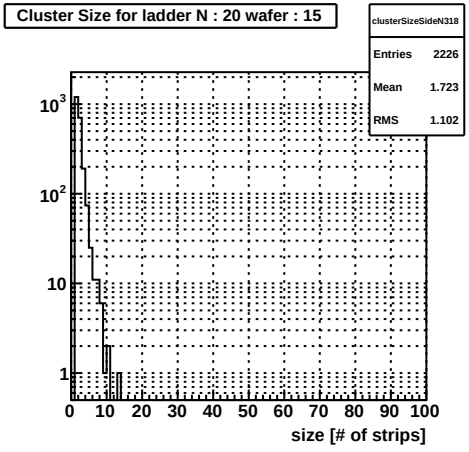

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2563
Mean 1.676
RMS 0.8788
size [# of strips]

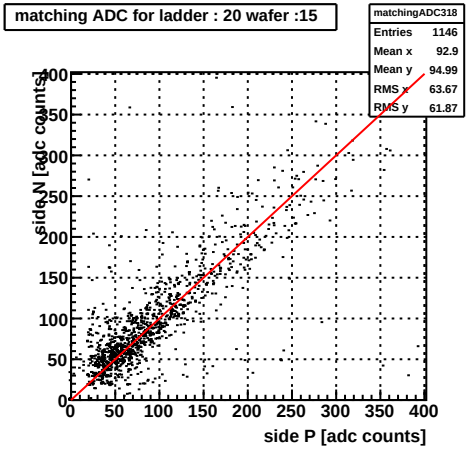

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 2040
Mean x 88.14
Mean y 99.05
RMS x 64.19
RMS y 67.6
side N [adc counts]
side P [adc counts]

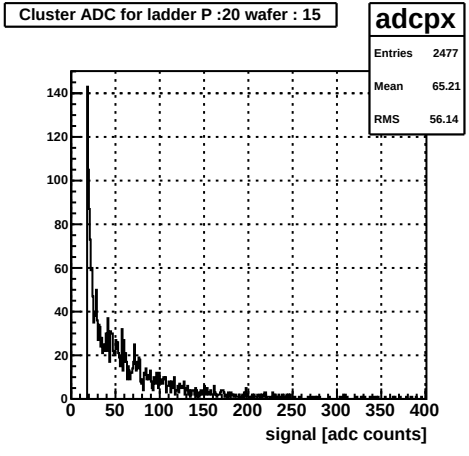

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 2808
Mean 65.03
RMS 57.18
signal [adc counts]

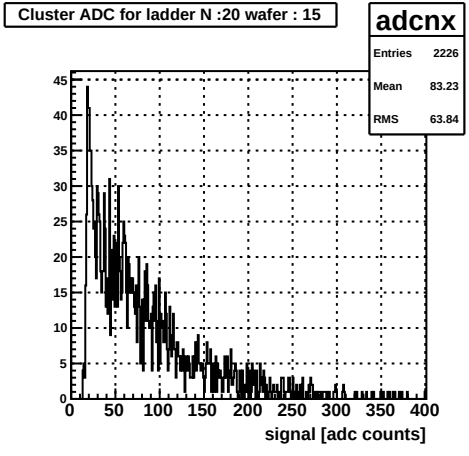

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2563
Mean 93.34
RMS 68.25
signal [adc counts]

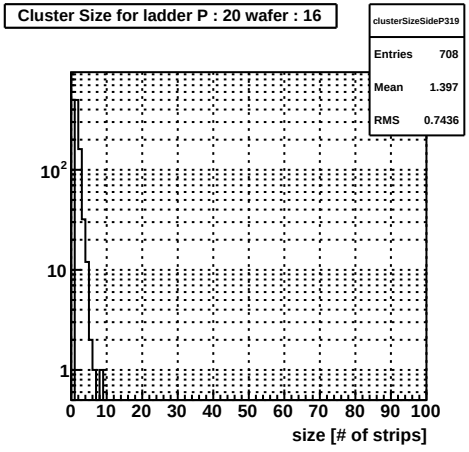

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 2477
Mean 1.366
RMS 0.7263
size [# of strips]

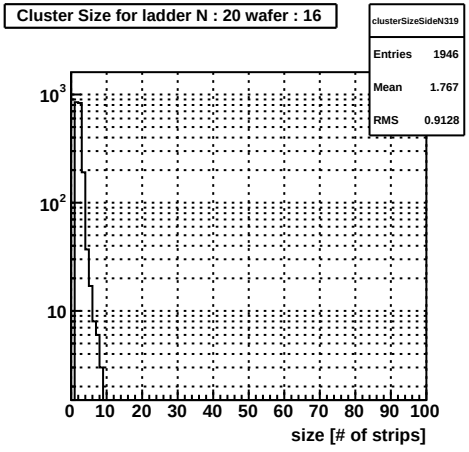

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2226
Mean 1.723
RMS 1.102
size [# of strips]

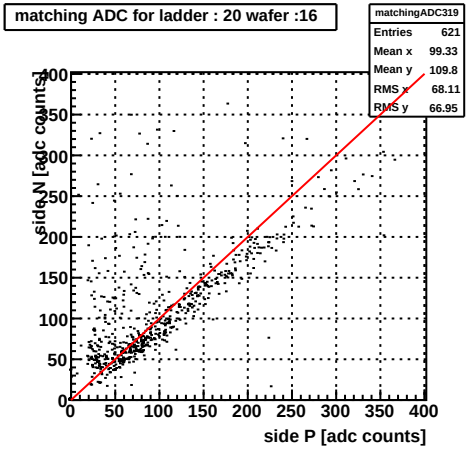

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 1146
Mean x 92.9
Mean y 94.99
RMS x 63.67
RMS y 61.87
side N [adc counts]
side P [adc counts]

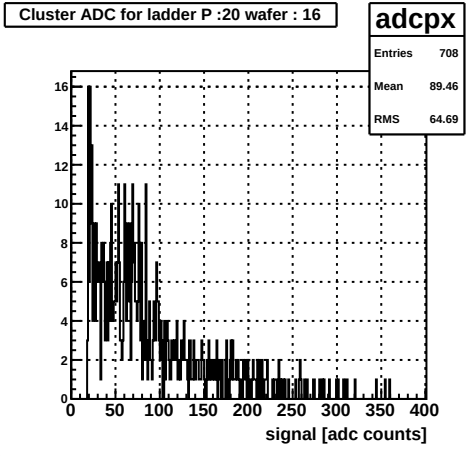

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 2477
Mean 65.21
RMS 56.14
signal [adc counts]

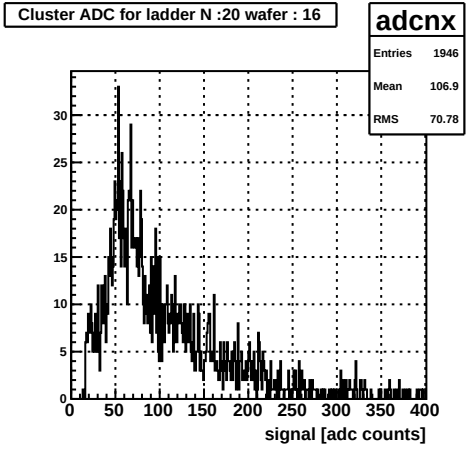

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2226
Mean 83.23
RMS 63.84
signal [adc counts]

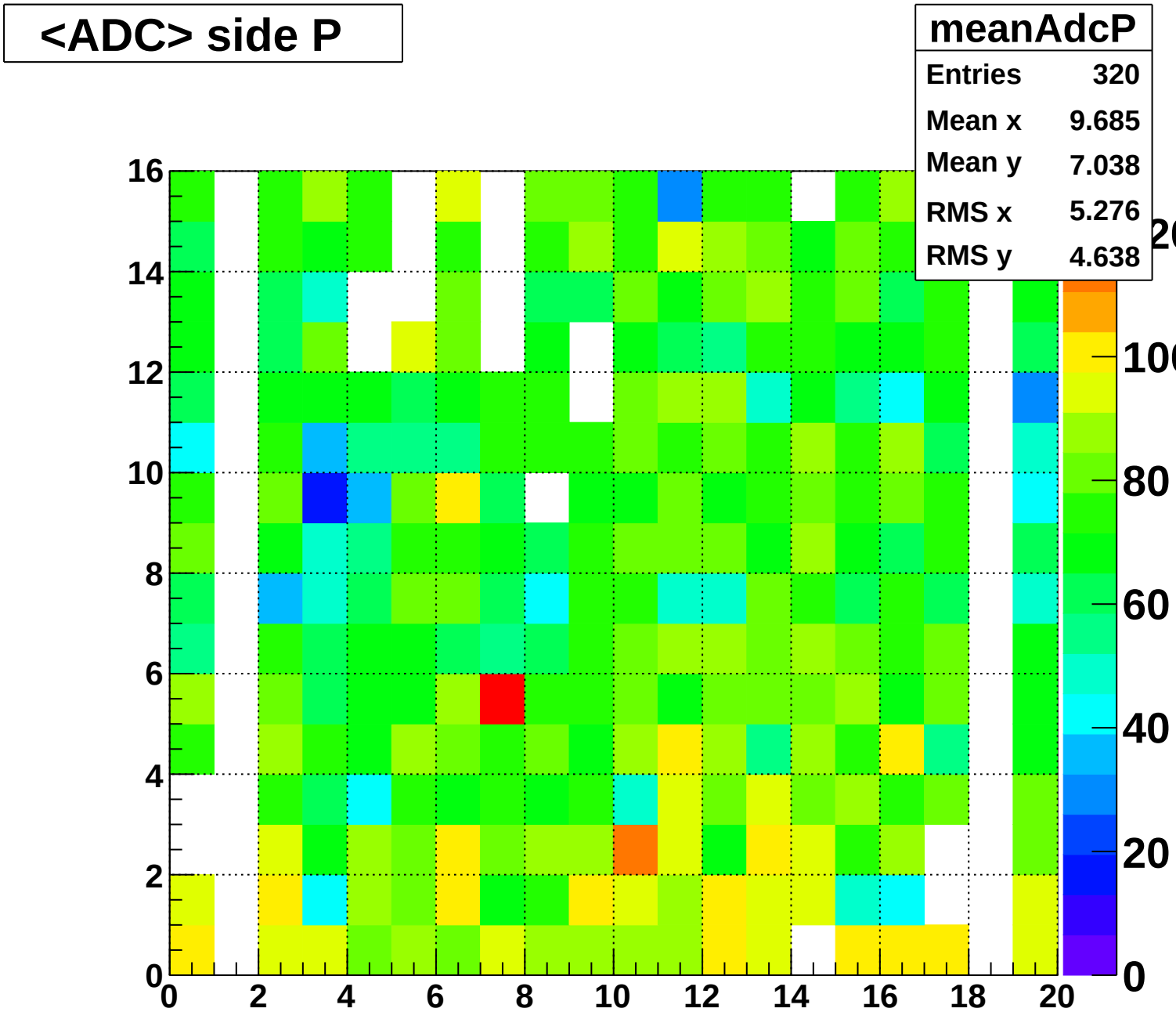

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 708
Mean 1.397
RMS 0.7436
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 1946
Mean 1.767
RMS 0.9128
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 621
Mean x 99.33
Mean y 109.8
RMS x 68.11
RMS y 66.95
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 708
Mean 89.46
RMS 64.69
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 1946
Mean 106.9
RMS 70.78
signal [adc counts]



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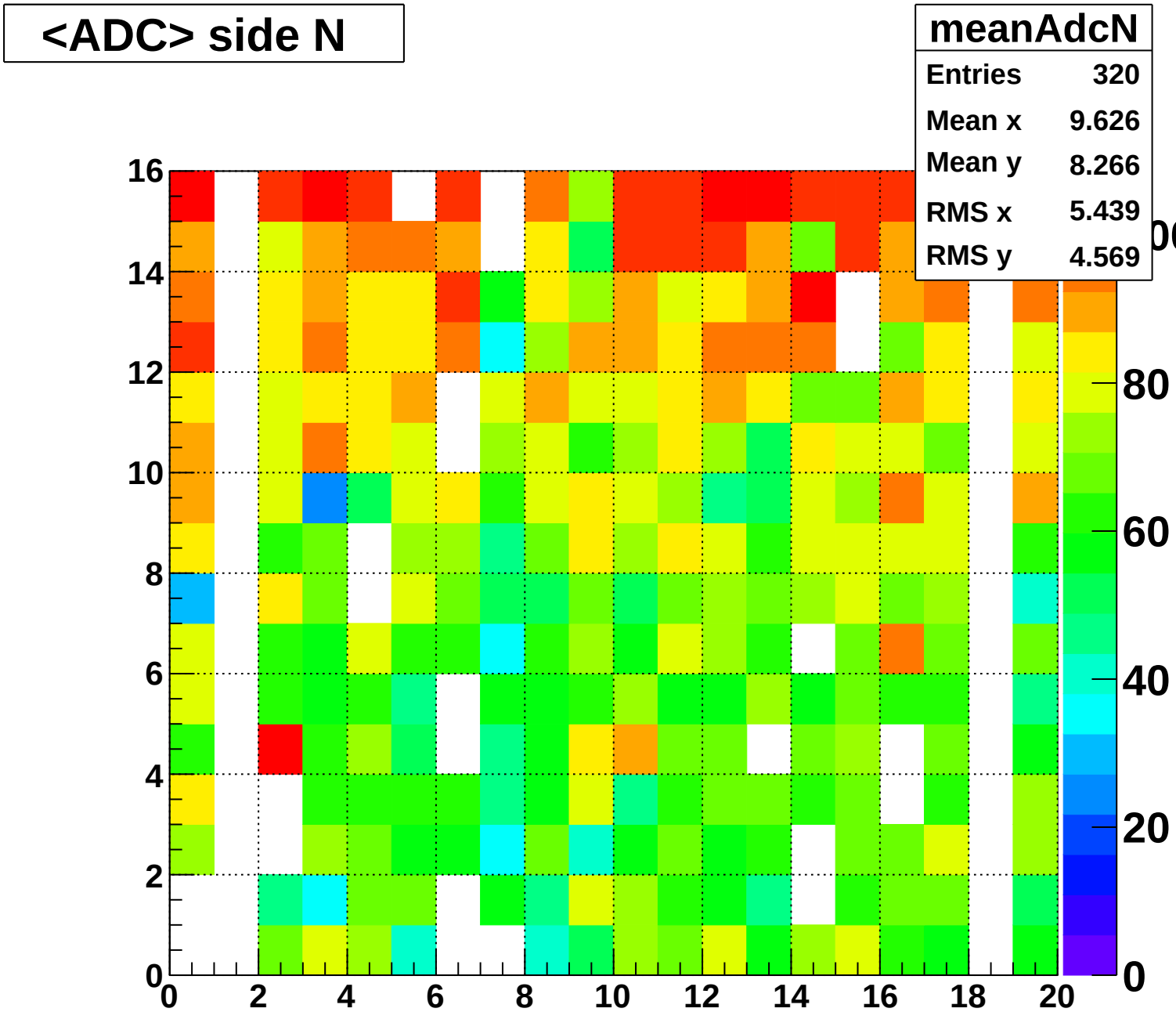

2016-06-17 23:19:39