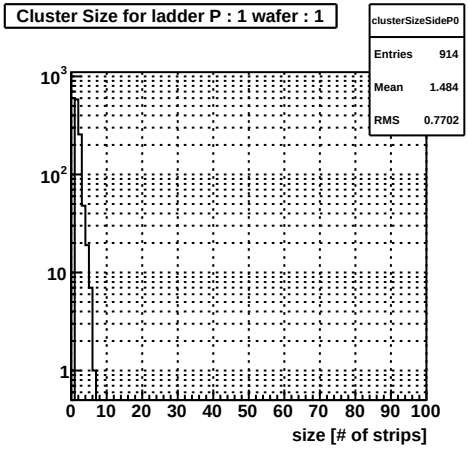
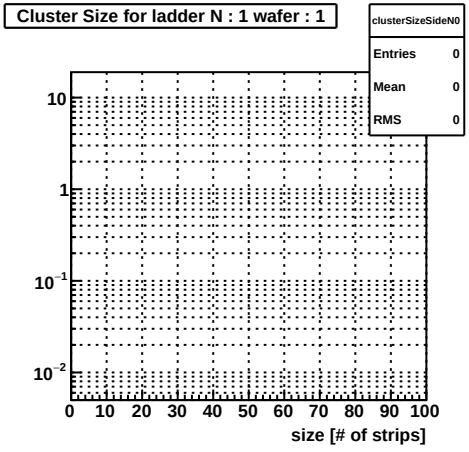
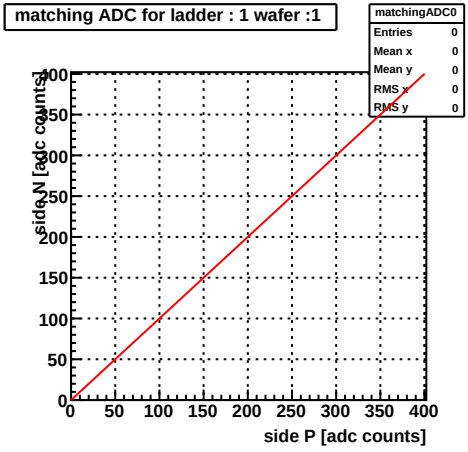
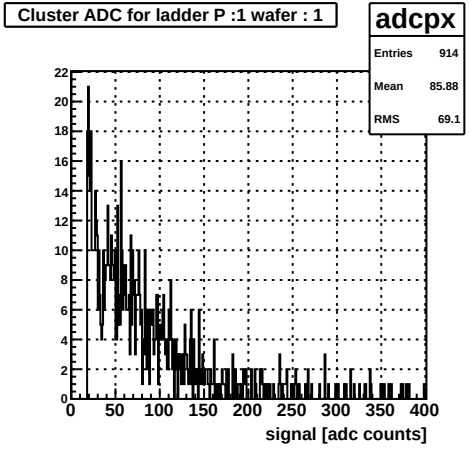
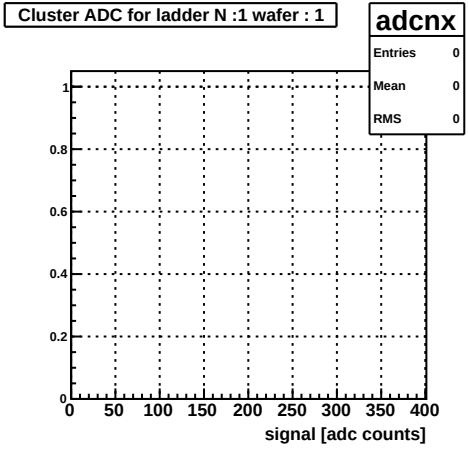
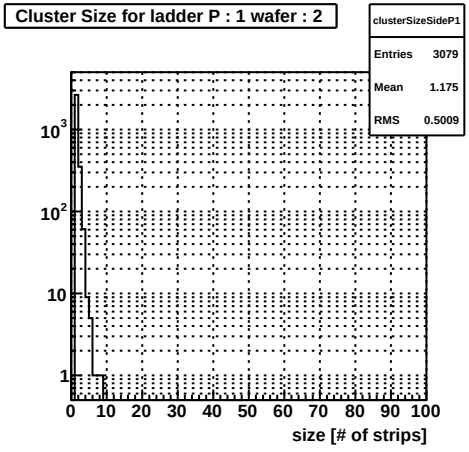

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 914
Mean 1.484
RMS 0.7702
size [# of strips]

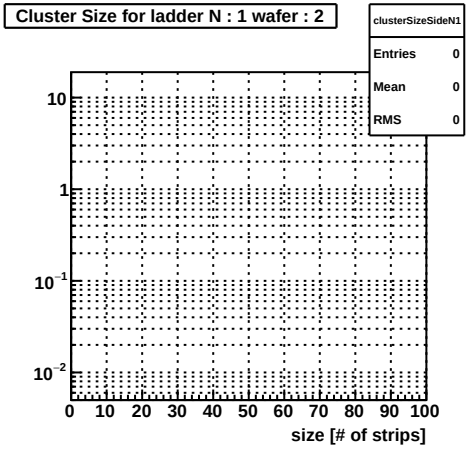

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

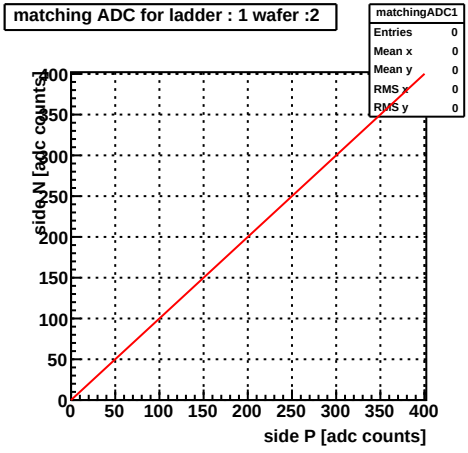

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

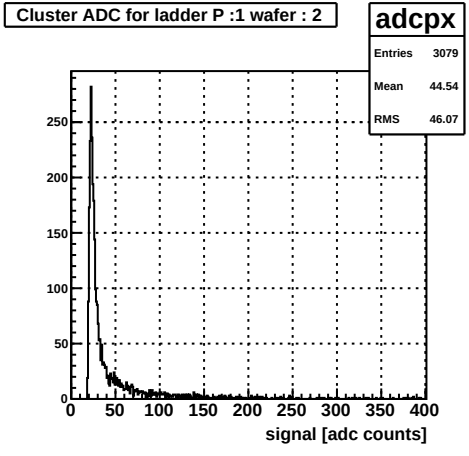

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 914
Mean 85.88
RMS 69.1
signal [adc counts]

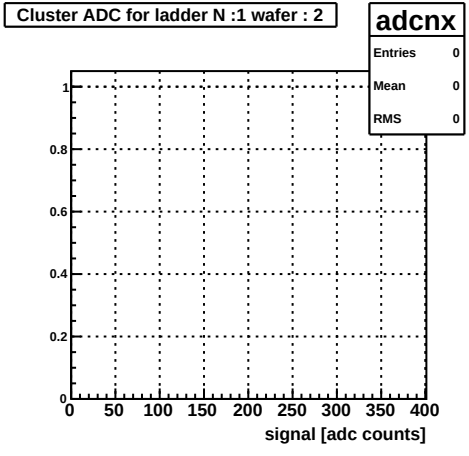

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

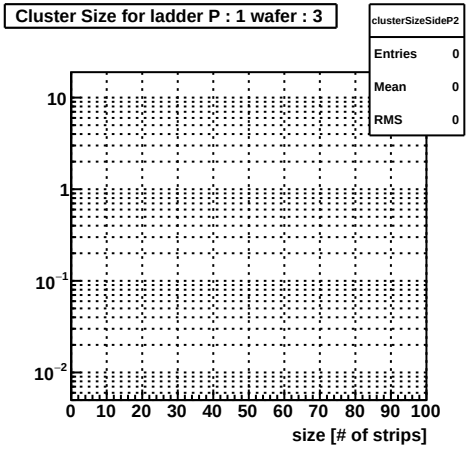

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 3079
Mean 1.175
RMS 0.5009
size [# of strips]

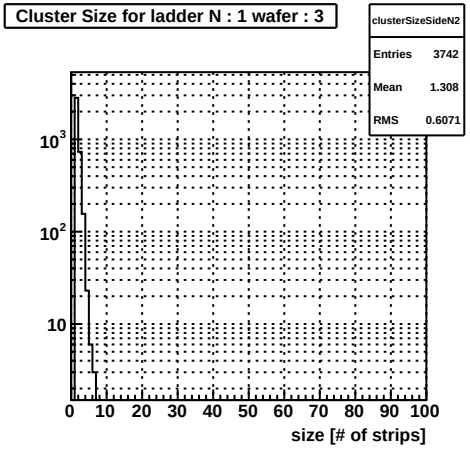

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

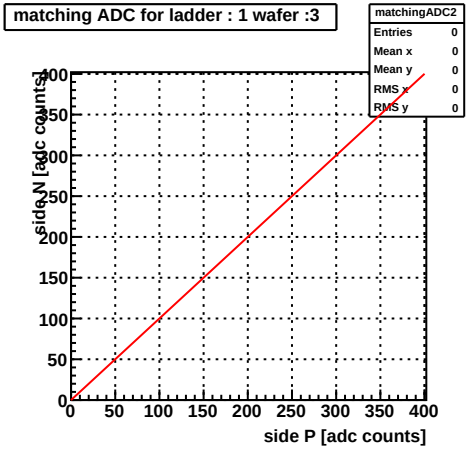

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

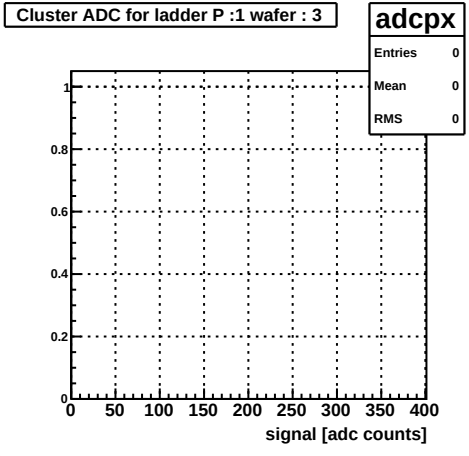

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 3079
Mean 44.54
RMS 46.07
signal [adc counts]

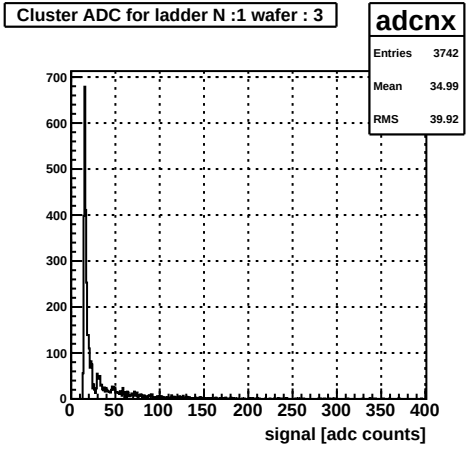

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

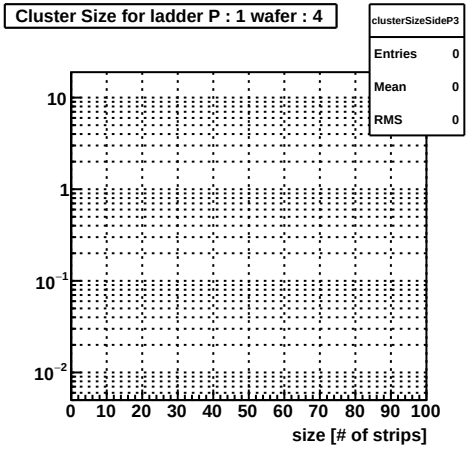

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

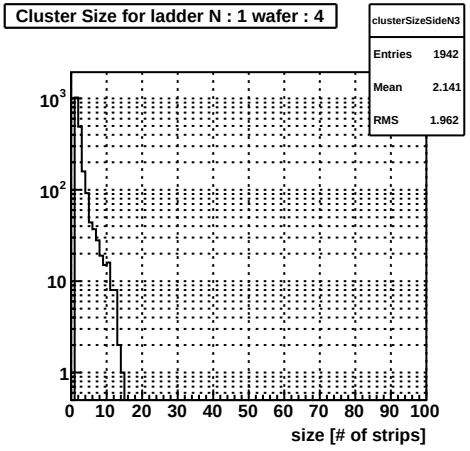

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 3742
Mean 1.308
RMS 0.6071
size [# of strips]

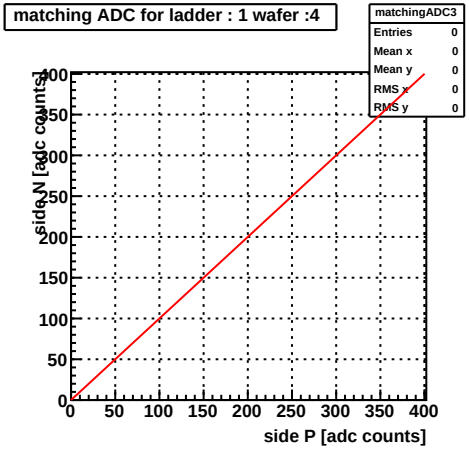

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

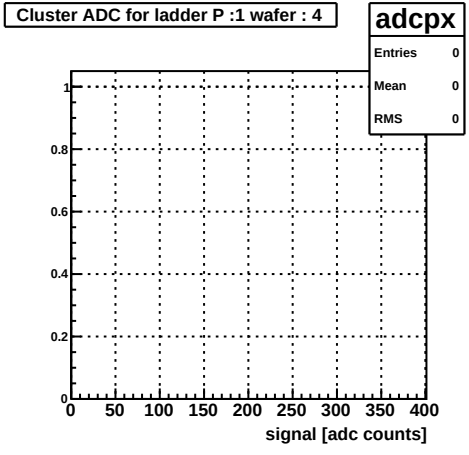

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

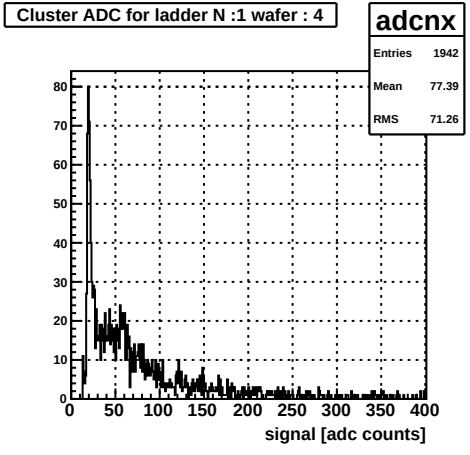

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 3742
Mean 34.99
RMS 39.92
signal [adc counts]

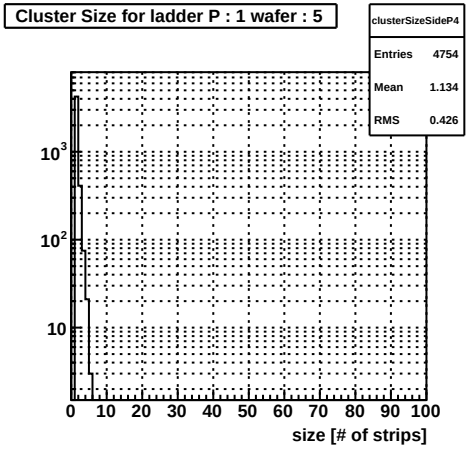

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

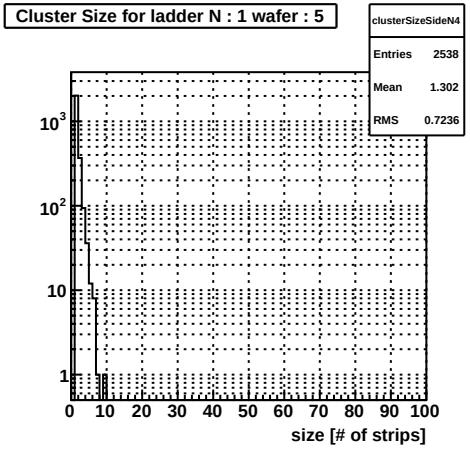

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 1942
Mean 2.141
RMS 1.962
size [# of strips]

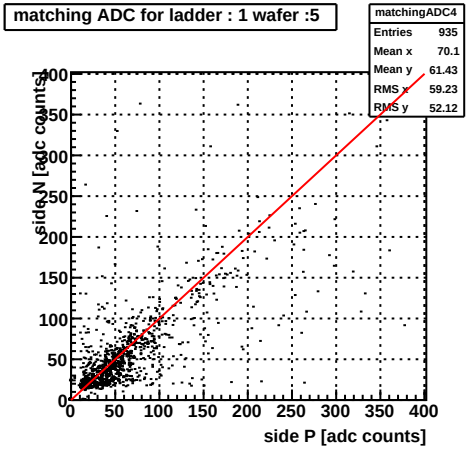

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

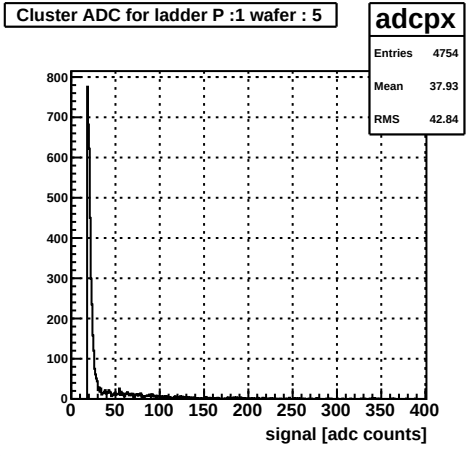

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

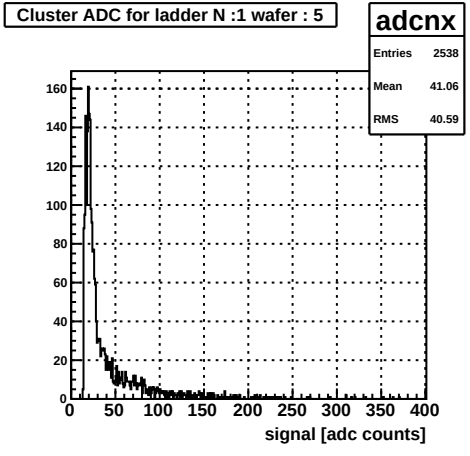

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 1942
Mean 77.39
RMS 71.26
signal [adc counts]

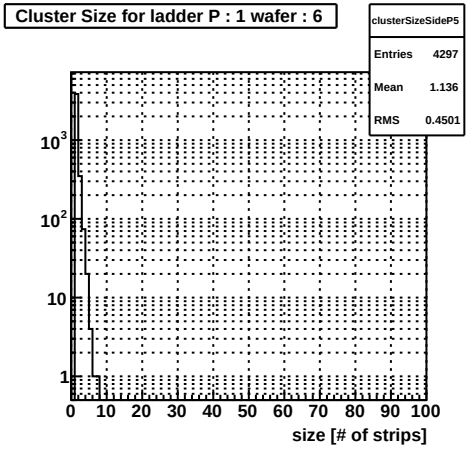

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 4754
Mean 1.134
RMS 0.426
size [# of strips]

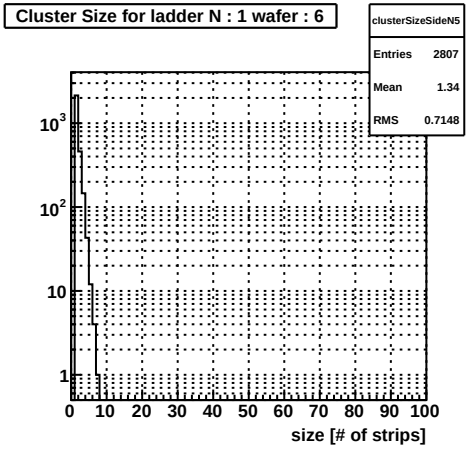

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 2538
Mean 1.302
RMS 0.7236
size [# of strips]

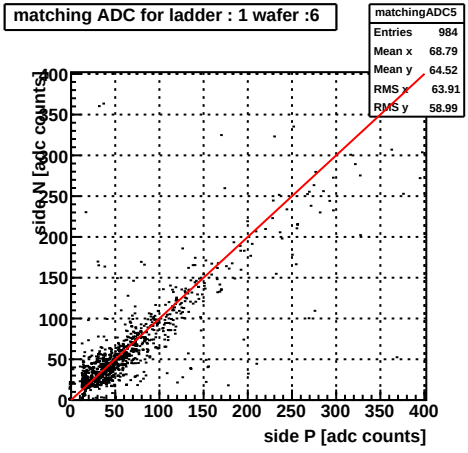

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 935
Mean x 70.1
Mean y 61.43
RMS x 59.23
RMS y 52.12
side N [adc counts]
side P [adc counts]

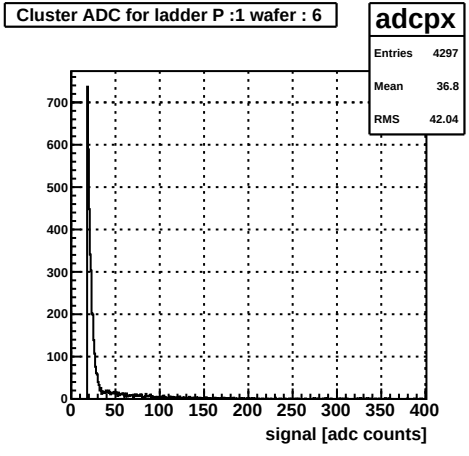

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 4754
Mean 37.93
RMS 42.84
signal [adc counts]

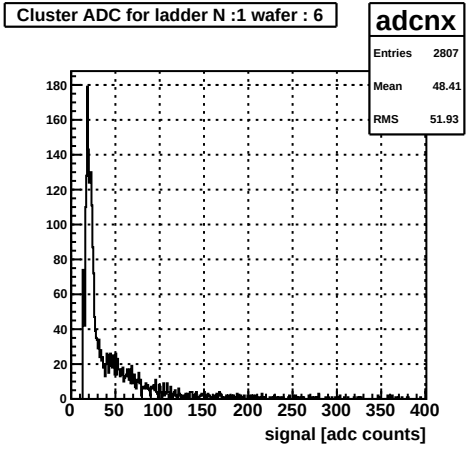

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 2538
Mean 41.06
RMS 40.59
signal [adc counts]

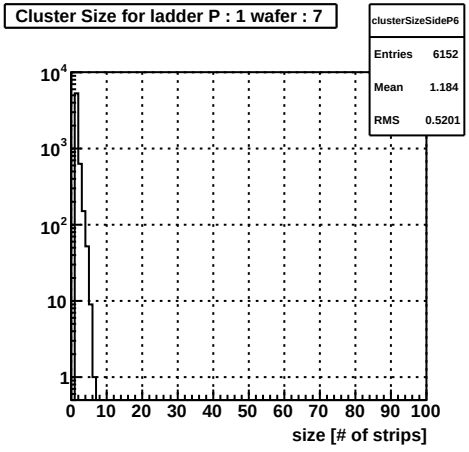

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 4297
Mean 1.136
RMS 0.4501
size [# of strips]

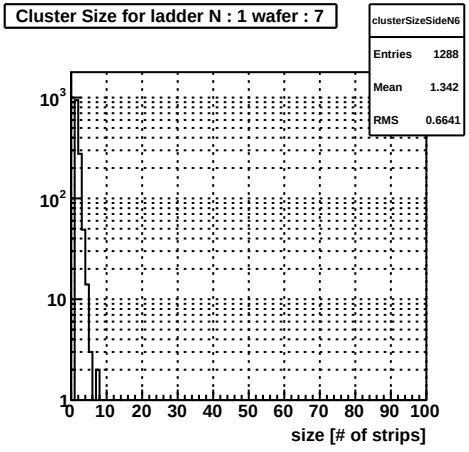

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 2807
Mean 1.34
RMS 0.7148
size [# of strips]

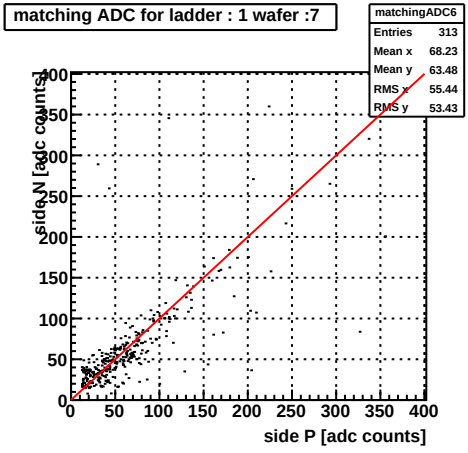

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 984
Mean x 68.79
Mean y 64.52
RMS x 63.91
RMS y 58.99
side N [adc counts]
side P [adc counts]

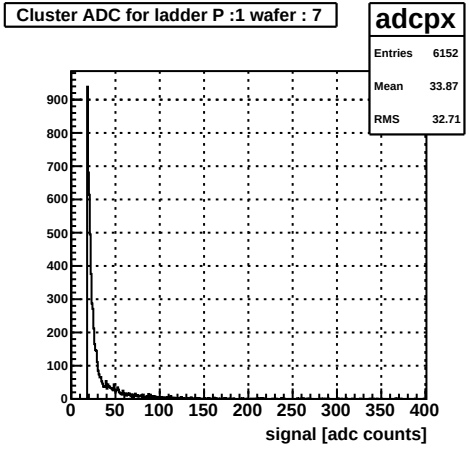

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 4297
Mean 36.8
RMS 42.04
signal [adc counts]

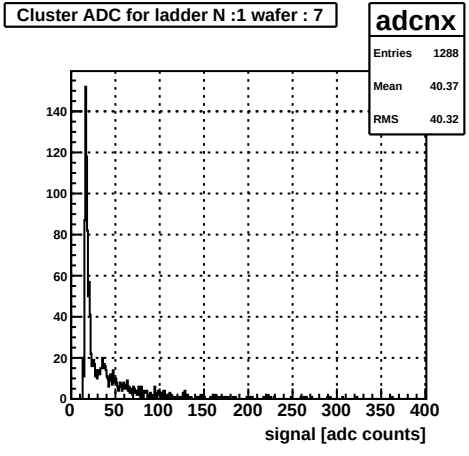

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 2807
Mean 48.41
RMS 51.93
signal [adc counts]

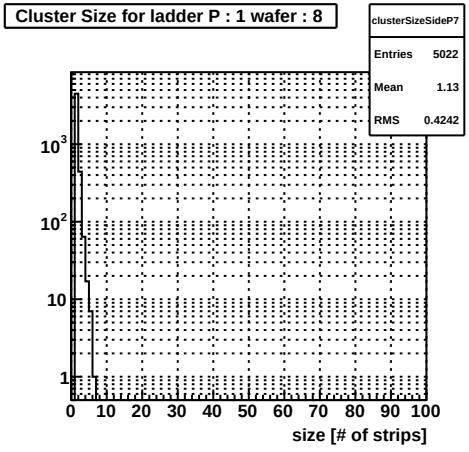

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 6152
Mean 1.184
RMS 0.5201
size [# of strips]

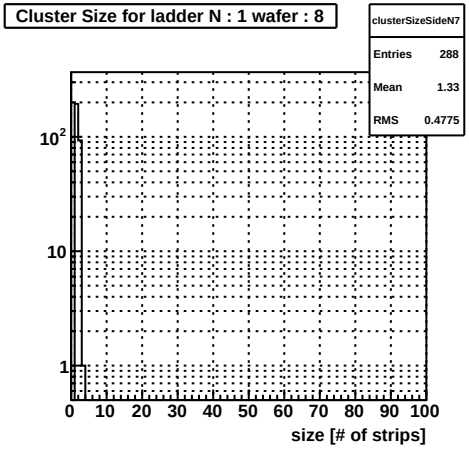

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1288
Mean 1.342
RMS 0.6641
size [# of strips]

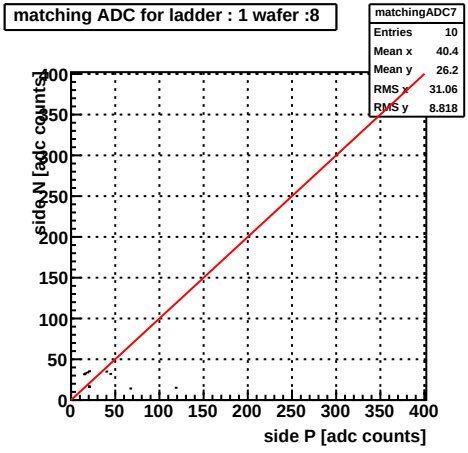

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 313
Mean x 68.23
Mean y 63.48
RMS x 55.44
RMS y 53.43
side N [adc counts]
side P [adc counts]

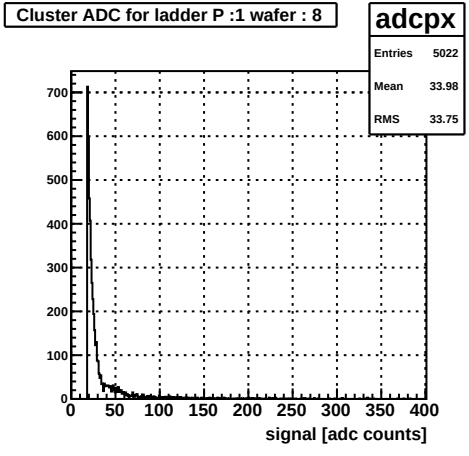

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 6152
Mean 33.87
RMS 32.71
signal [adc counts]

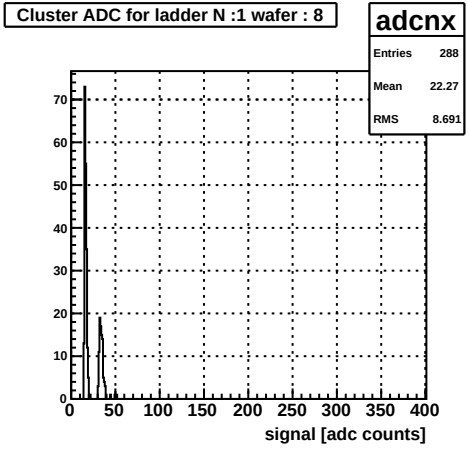

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1288
Mean 40.37
RMS 40.32
signal [adc counts]

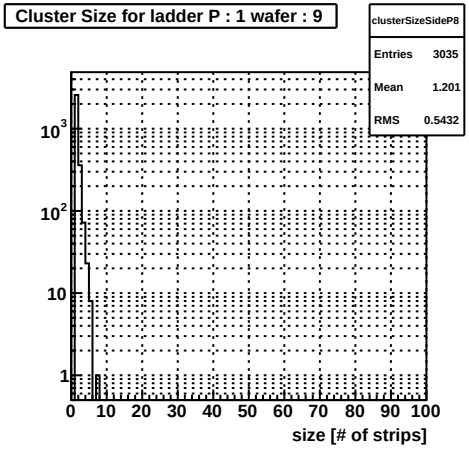

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 5022
Mean 1.13
RMS 0.4242
size [# of strips]

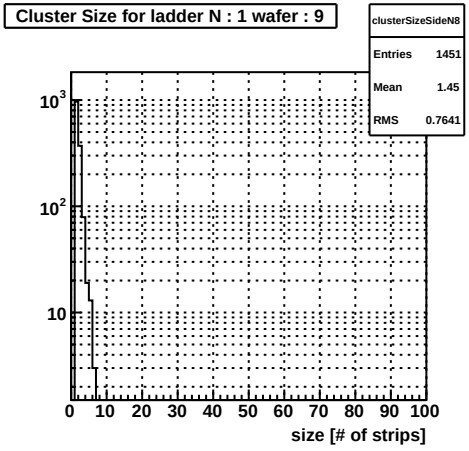

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 288
Mean 1.33
RMS 0.4775
size [# of strips]

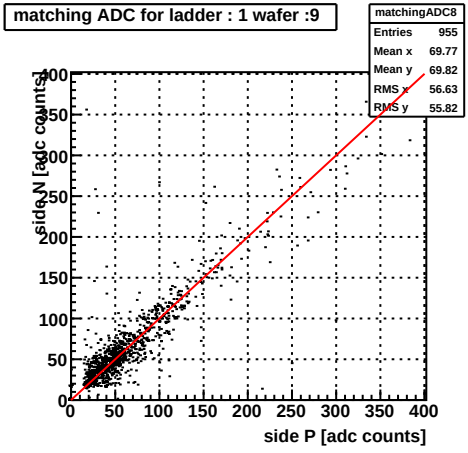

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 10
Mean x 40.4
Mean y 26.2
RMS x 31.06
RMS y 8.818
side N [adc counts]
side P [adc counts]

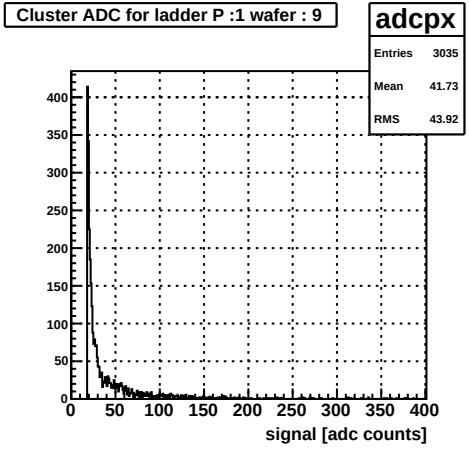

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 5022
Mean 33.98
RMS 33.75
signal [adc counts]

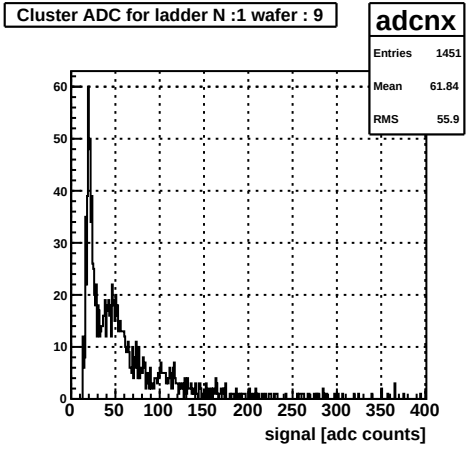

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 288
Mean 22.27
RMS 8.691
signal [adc counts]

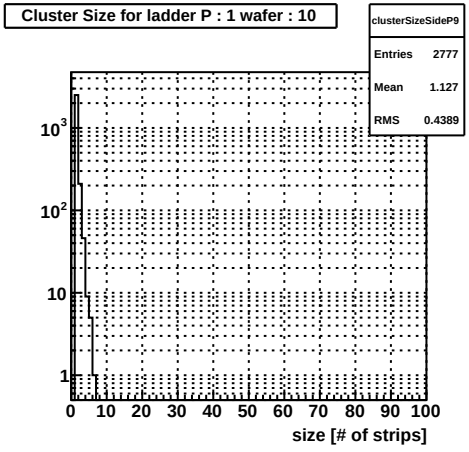

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 3035
Mean 1.201
RMS 0.5432
size [# of strips]

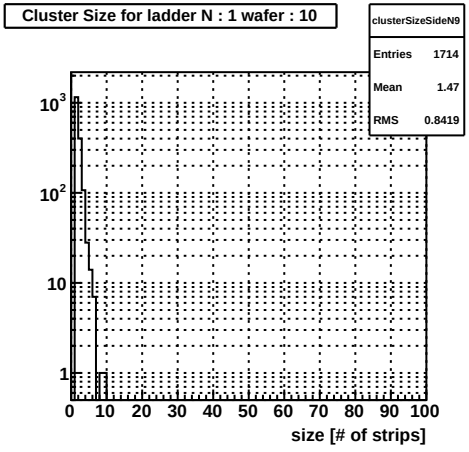

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 1451
Mean 1.45
RMS 0.7641
size [# of strips]

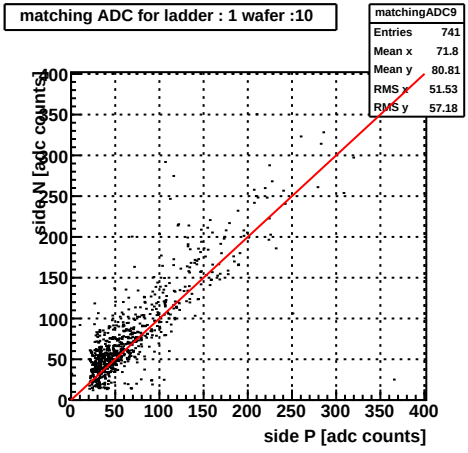

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 955
Mean x 69.77
Mean y 69.82
RMS x 56.63
RMS y 55.82
side N [adc counts]
side P [adc counts]

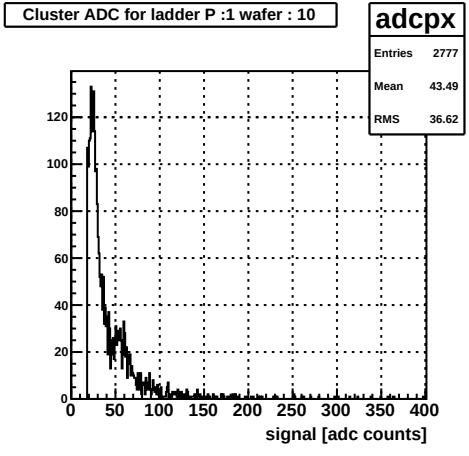

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 3035
Mean 41.73
RMS 43.92
signal [adc counts]

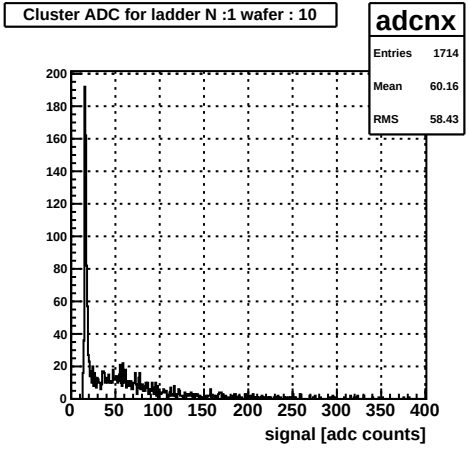

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 1451
Mean 61.84
RMS 55.9
signal [adc counts]

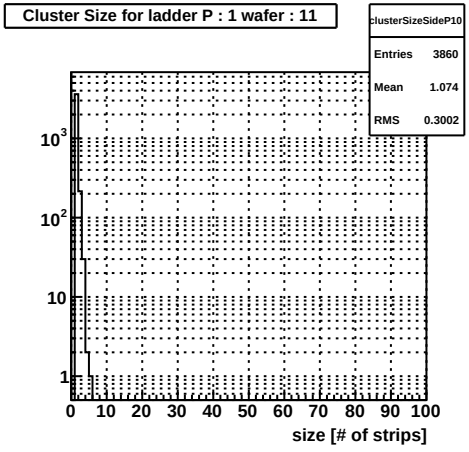

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 2777
Mean 1.127
RMS 0.4389
size [# of strips]

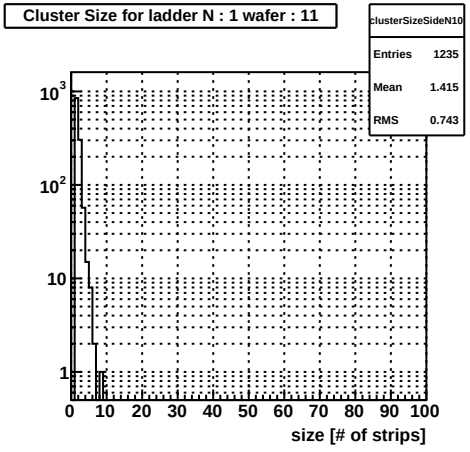

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1714
Mean 1.47
RMS 0.8419
size [# of strips]

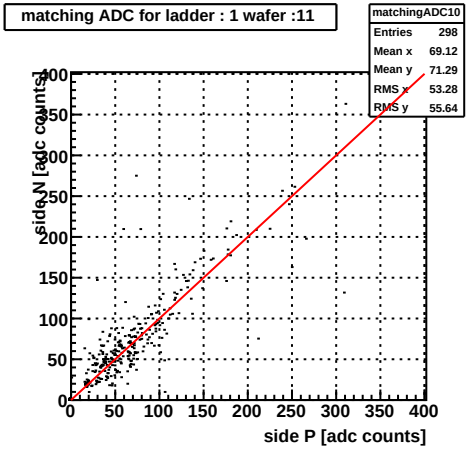

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 741
Mean x 71.8
Mean y 80.81
RMS x 51.53
RMS y 57.18
side N [adc counts]
side P [adc counts]

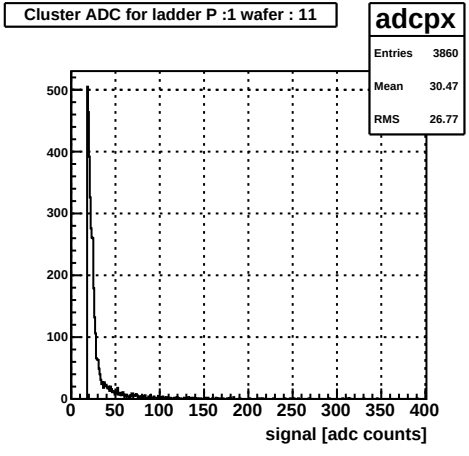

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 2777
Mean 43.49
RMS 36.62
signal [adc counts]

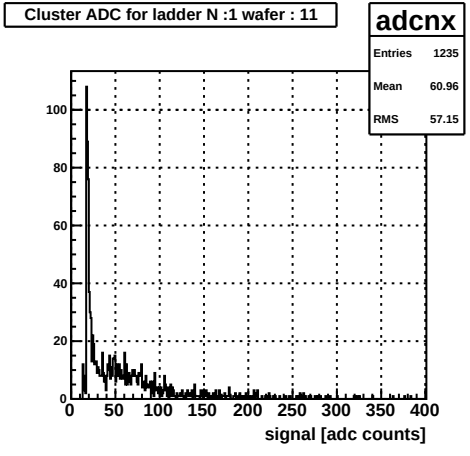

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1714
Mean 60.16
RMS 58.43
signal [adc counts]

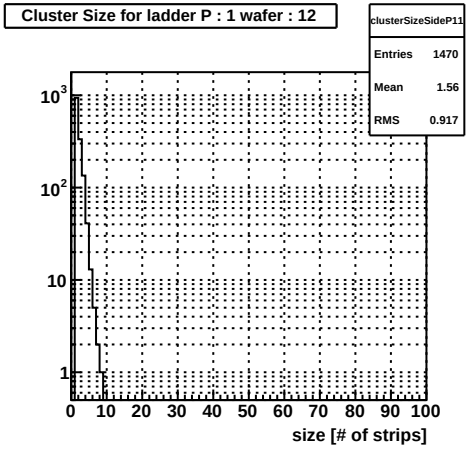

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 3860
Mean 1.074
RMS 0.3002
size [# of strips]

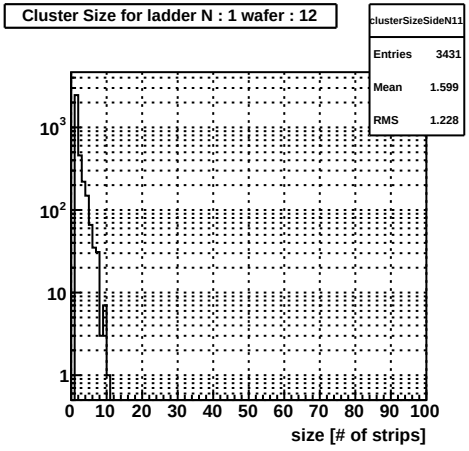

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1235
Mean 1.415
RMS 0.743
size [# of strips]

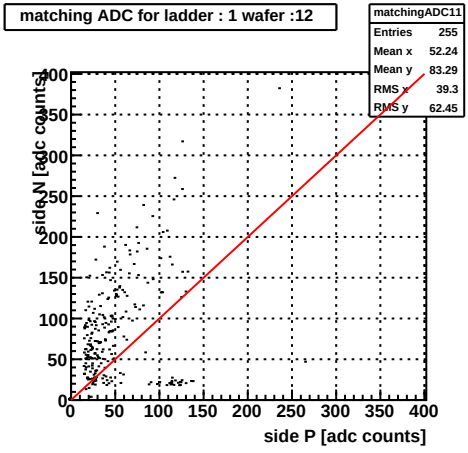

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 298
Mean x 69.12
Mean y 71.29
RMS x 53.28
RMS y 55.64
side N [adc counts]
side P [adc counts]

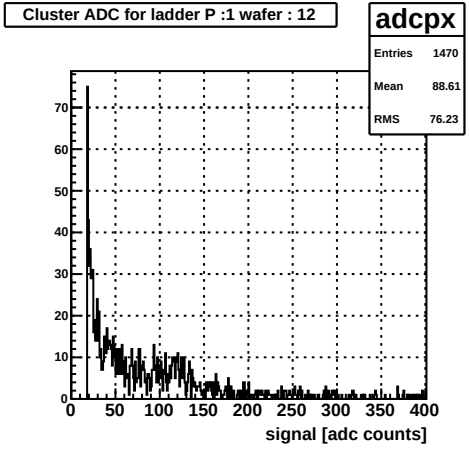

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 3860
Mean 30.47
RMS 26.77
signal [adc counts]

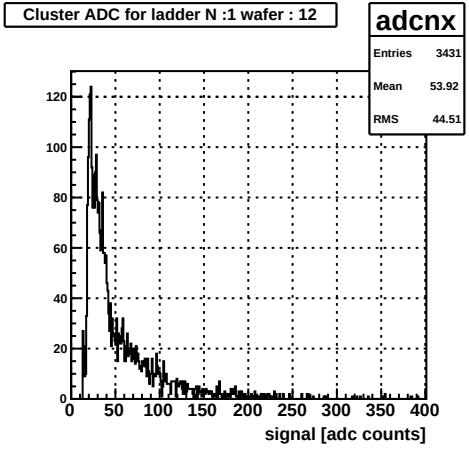

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1235
Mean 60.96
RMS 57.15
signal [adc counts]

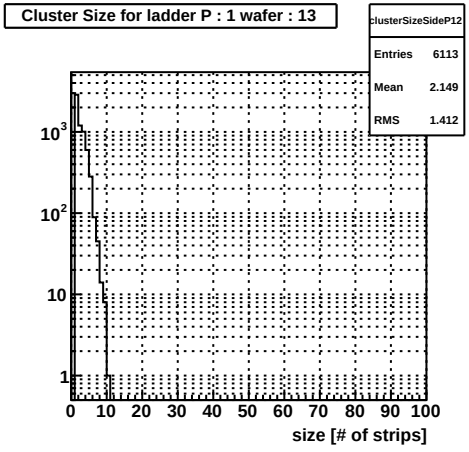

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 1470
Mean 1.56
RMS 0.917
size [# of strips]

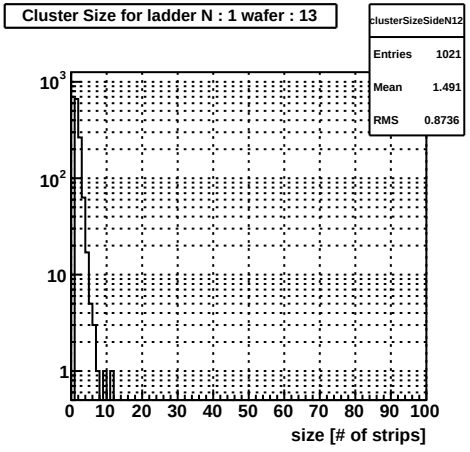

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 3431
Mean 1.599
RMS 1.228
size [# of strips]

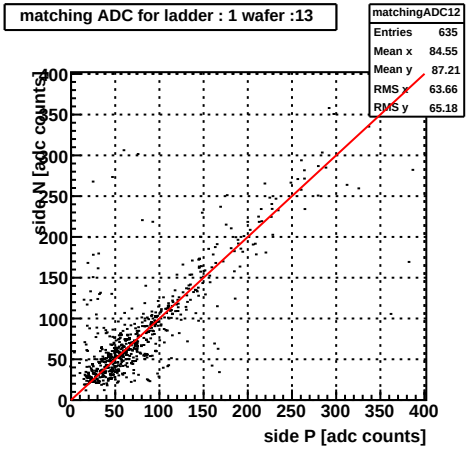

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 255
Mean x 52.24
Mean y 83.29
RMS x 39.3
RMS y 62.45
side N [adc counts]
side P [adc counts]

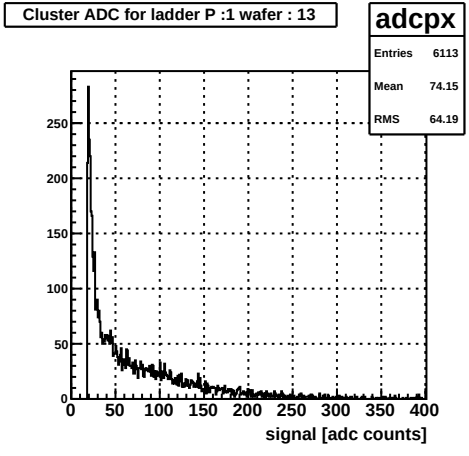

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 1470
Mean 88.61
RMS 76.23
signal [adc counts]

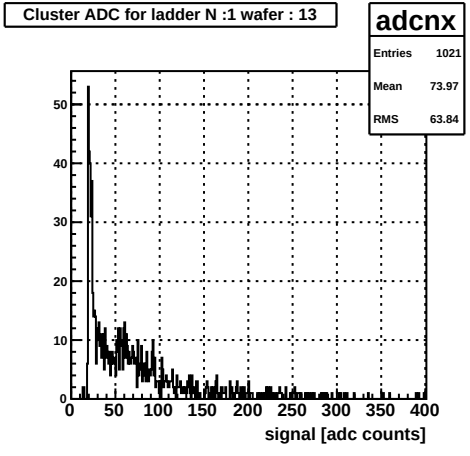

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 3431
Mean 53.92
RMS 44.51
signal [adc counts]

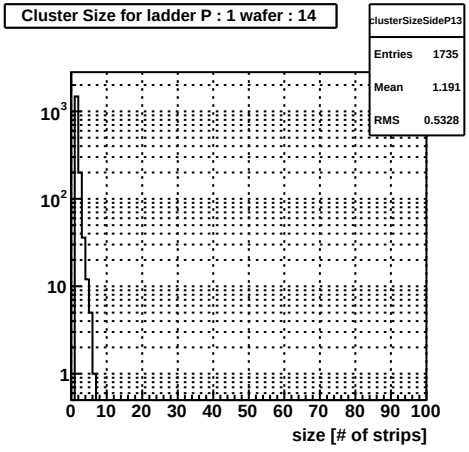

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 6113
Mean 2.149
RMS 1.412
size [# of strips]

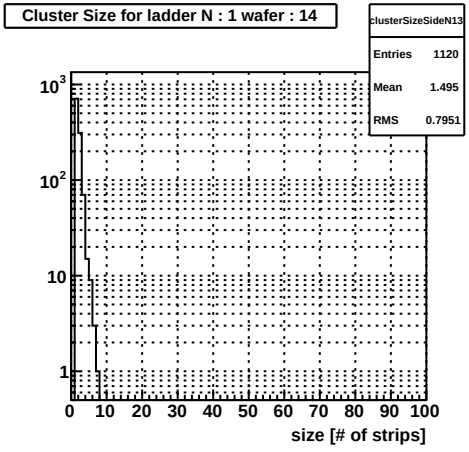

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1021
Mean 1.491
RMS 0.8736
size [# of strips]

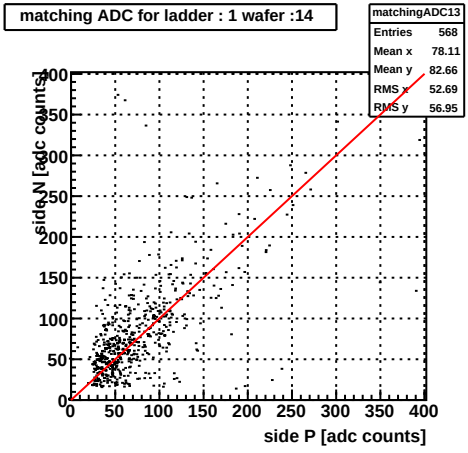

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 635
Mean x 84.55
Mean y 87.21
RMS x 63.66
RMS y 65.18
side N [adc counts]
side P [adc counts]

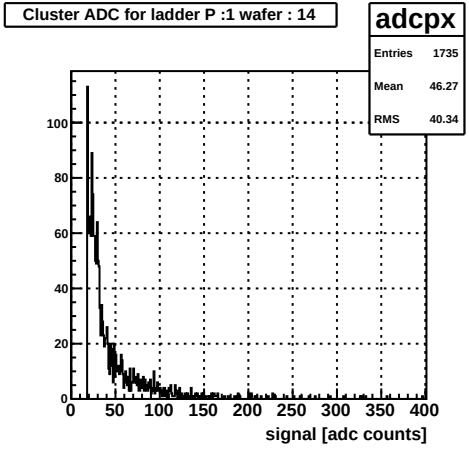

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 6113
Mean 74.15
RMS 64.19
signal [adc counts]

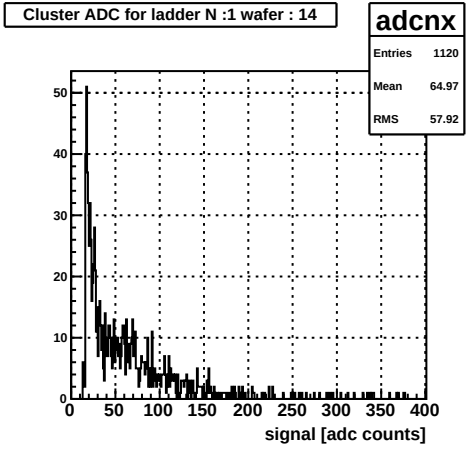

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1021
Mean 73.97
RMS 63.84
signal [adc counts]

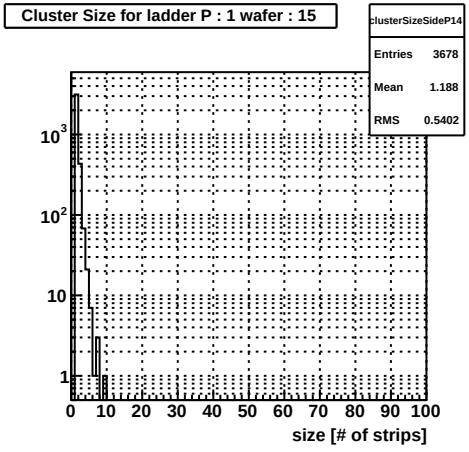

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1735
Mean 1.191
RMS 0.5328
size [# of strips]

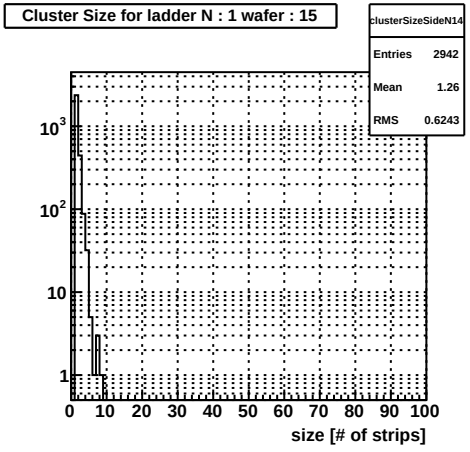

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1120
Mean 1.495
RMS 0.7951
size [# of strips]

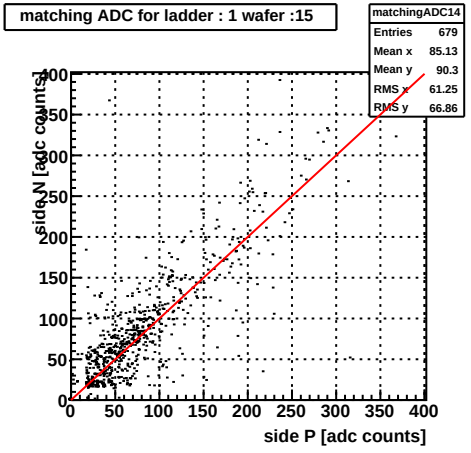

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 568
Mean x 78.11
Mean y 82.66
RMS x 52.69
RMS y 56.95
side N [adc counts]
side P [adc counts]

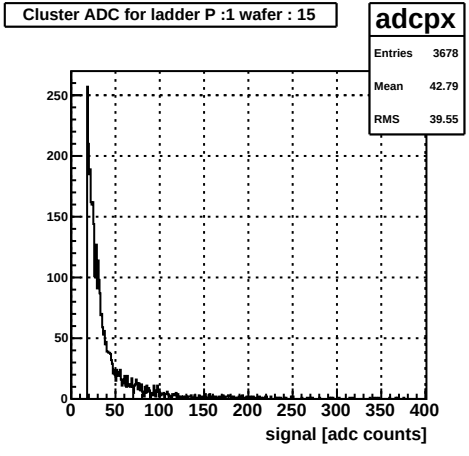

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1735
Mean 46.27
RMS 40.34
signal [adc counts]

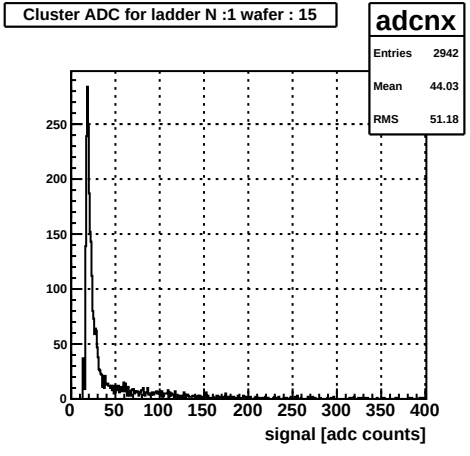

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1120
Mean 64.97
RMS 57.92
signal [adc counts]

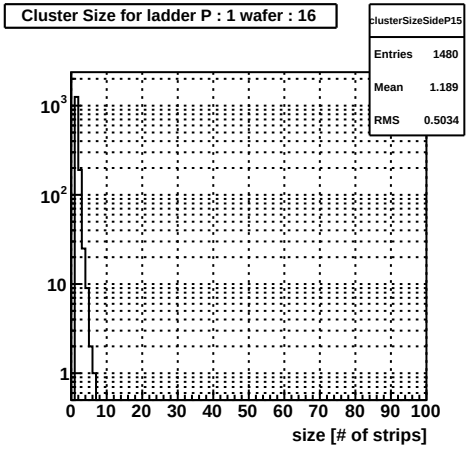

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 3678
Mean 1.188
RMS 0.5402
size [# of strips]

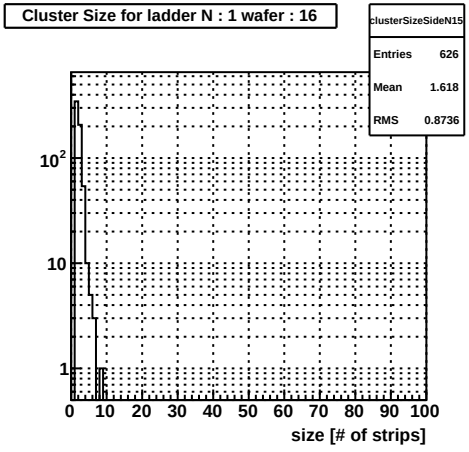

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 2942
Mean 1.26
RMS 0.6243
size [# of strips]

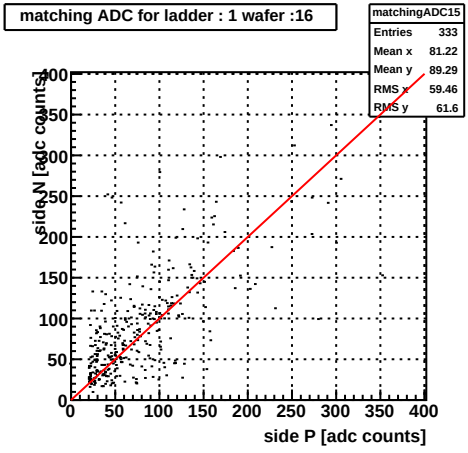

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 679
Mean x 85.13
Mean y 90.3
RMS x 61.25
RMS y 66.86
side N [adc counts]
side P [adc counts]

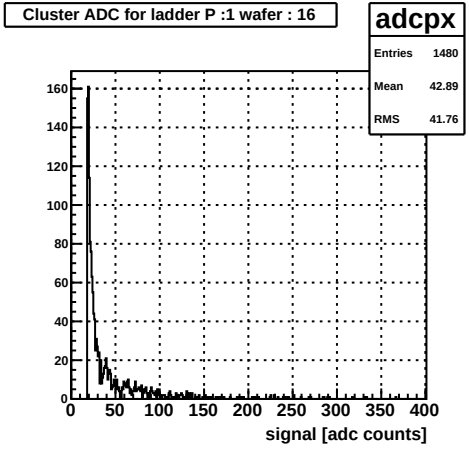

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 3678
Mean 42.79
RMS 39.55
signal [adc counts]

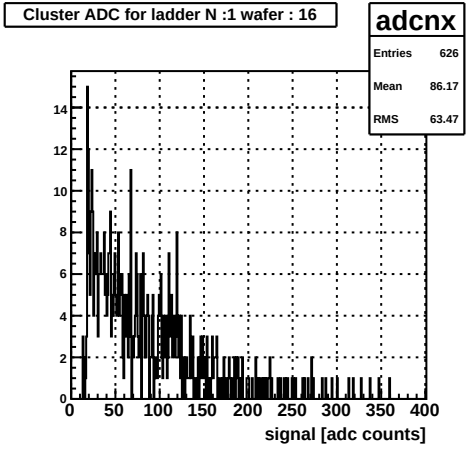

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 2942
Mean 44.03
RMS 51.18
signal [adc counts]

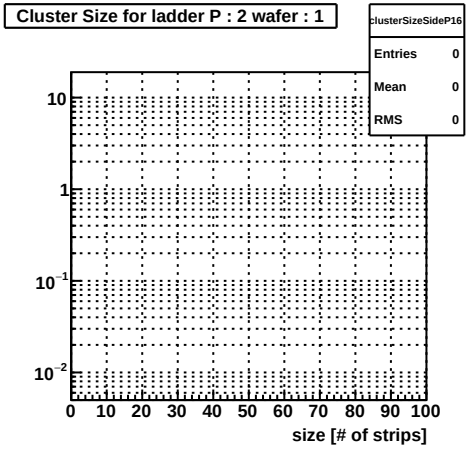

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1480
Mean 1.189
RMS 0.5034
size [# of strips]

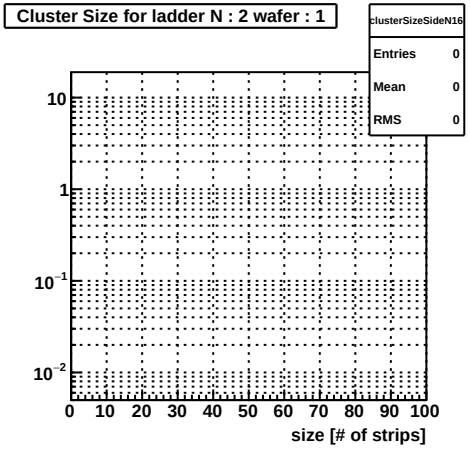

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 626
Mean 1.618
RMS 0.8736
size [# of strips]

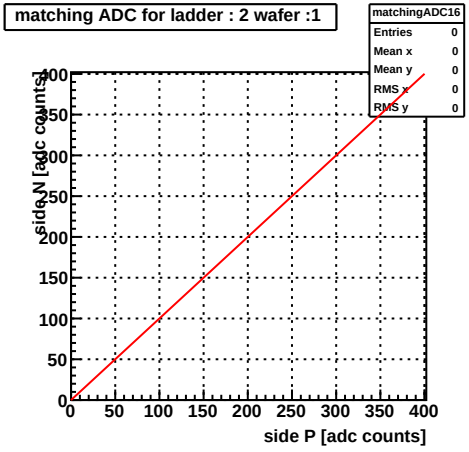

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 333
Mean x 81.22
Mean y 89.29
RMS x 59.46
RMS y 61.6
side N [adc counts]
side P [adc counts]

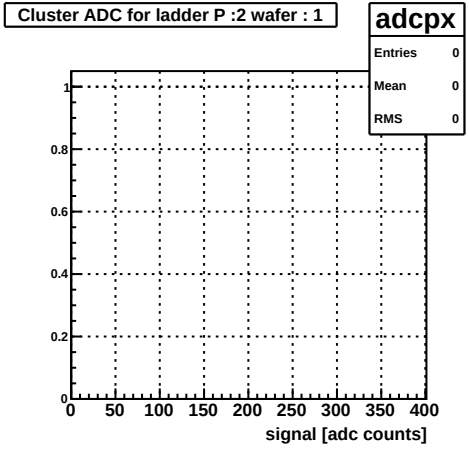

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1480
Mean 42.89
RMS 41.76
signal [adc counts]

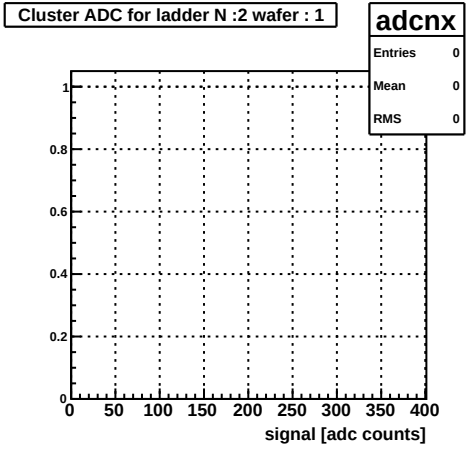

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 626
Mean 86.17
RMS 63.47
signal [adc counts]

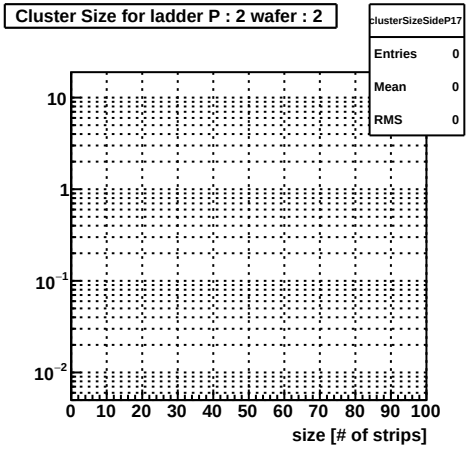

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

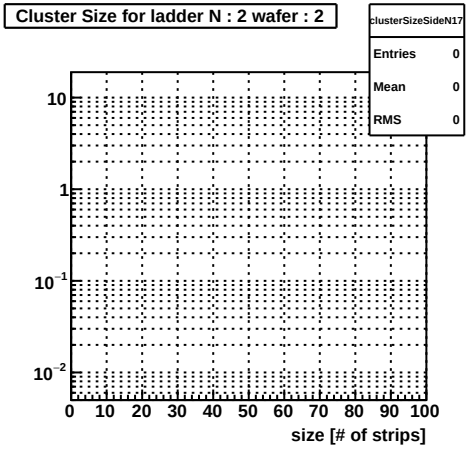

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

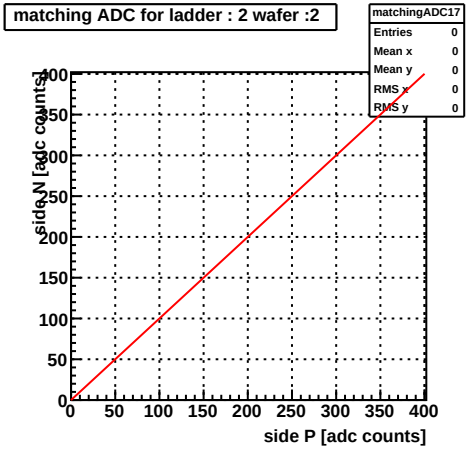

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

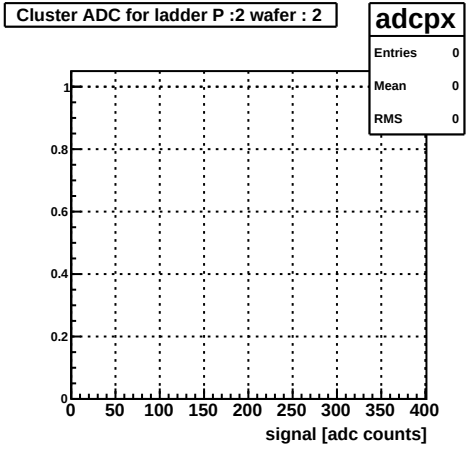

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

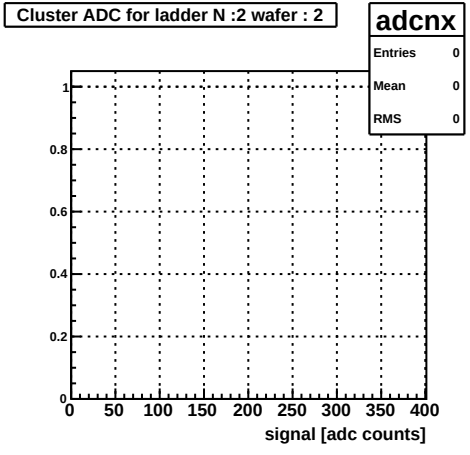

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

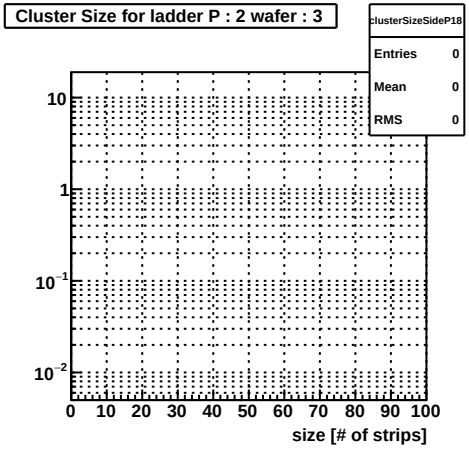

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

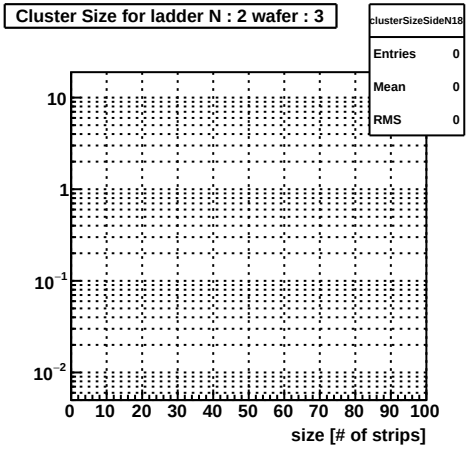

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

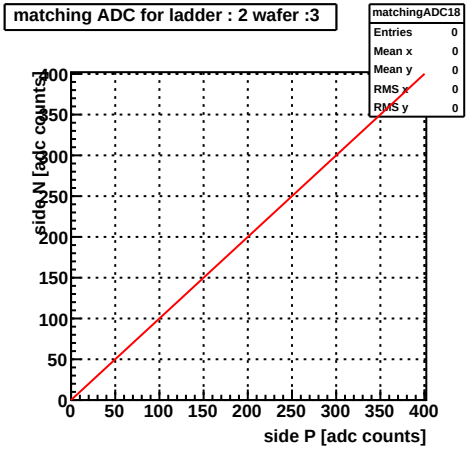

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

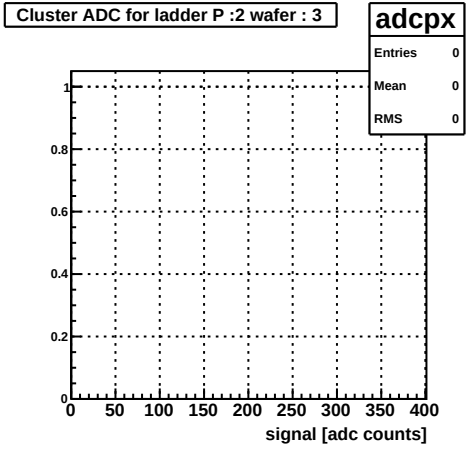

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

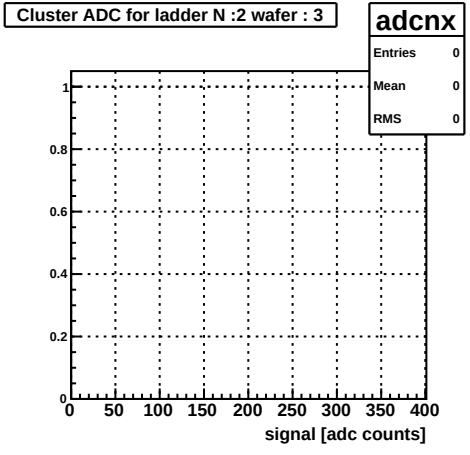

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

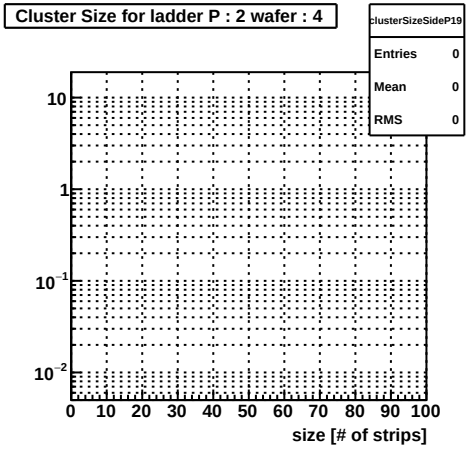

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

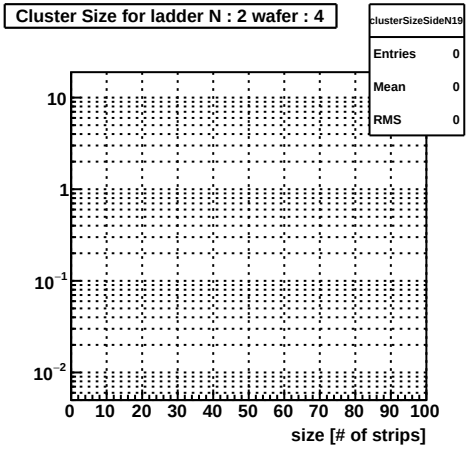

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

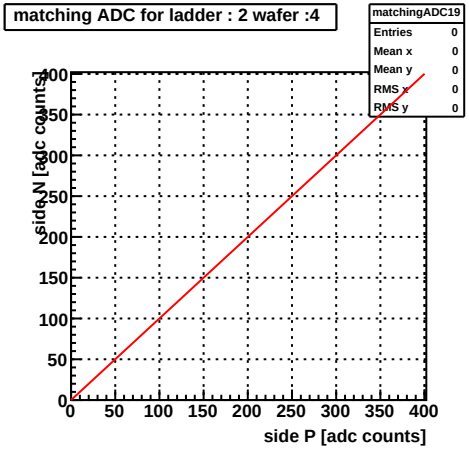

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

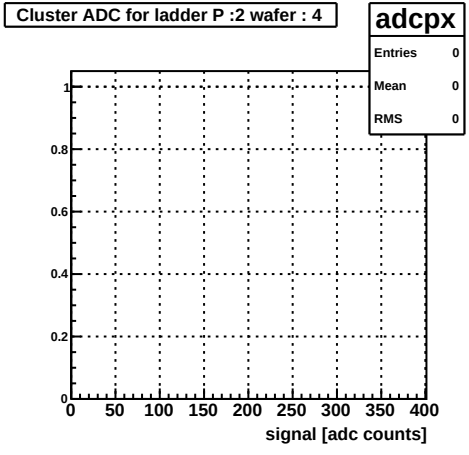

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

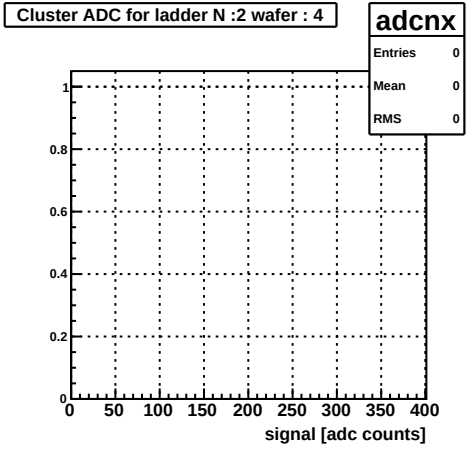

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

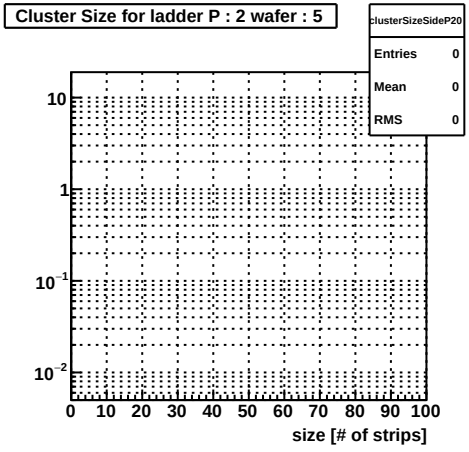

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

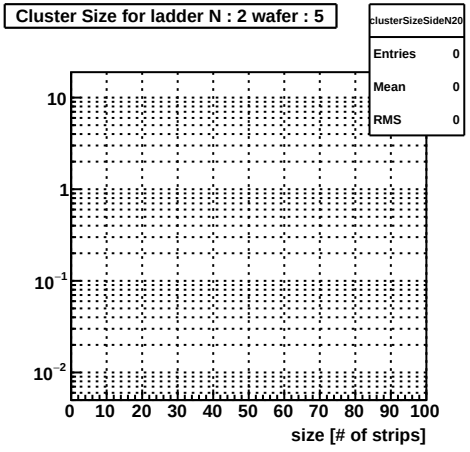

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

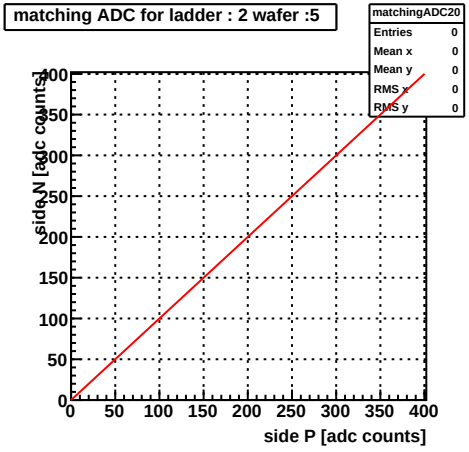

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

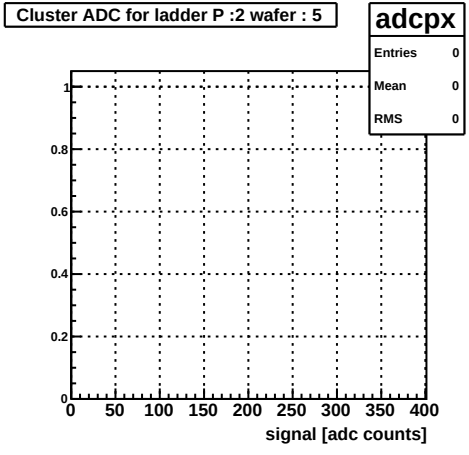

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

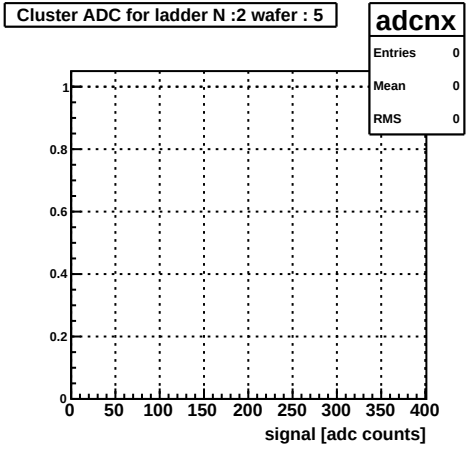

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

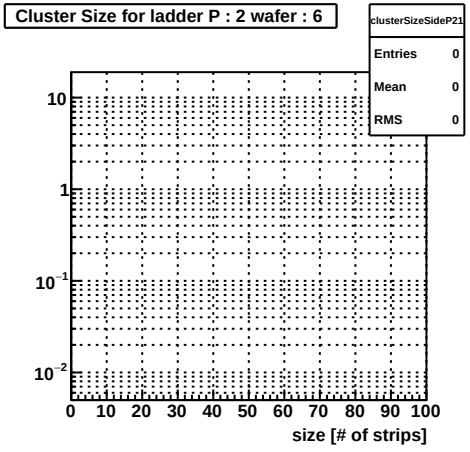

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

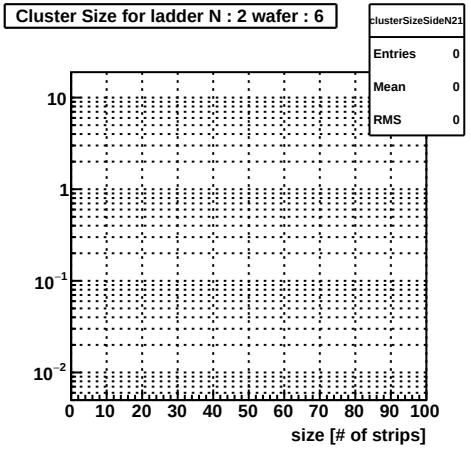

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

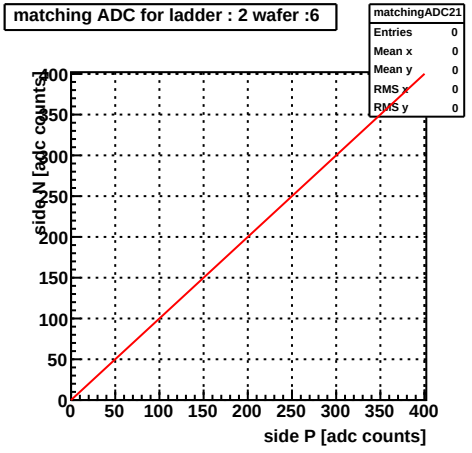

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

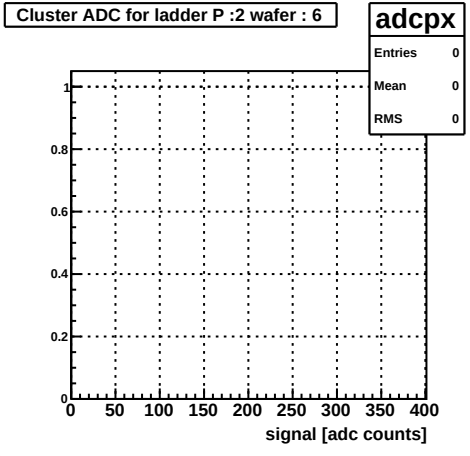

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

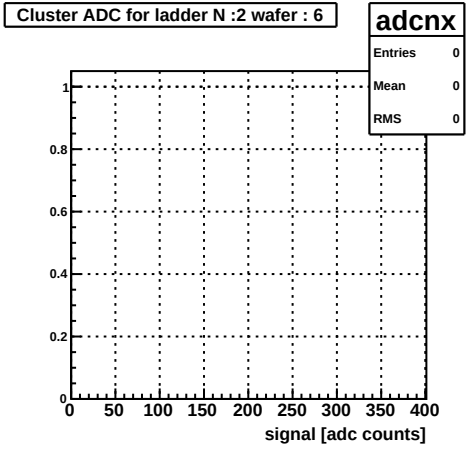

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

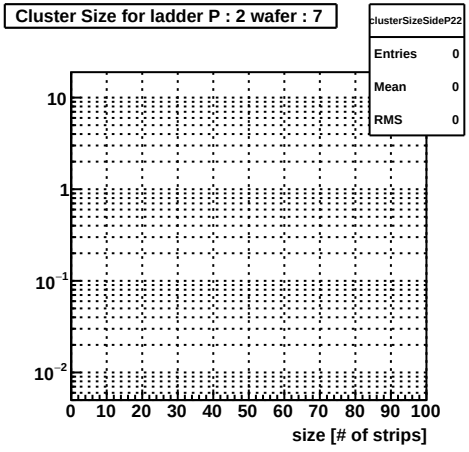

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

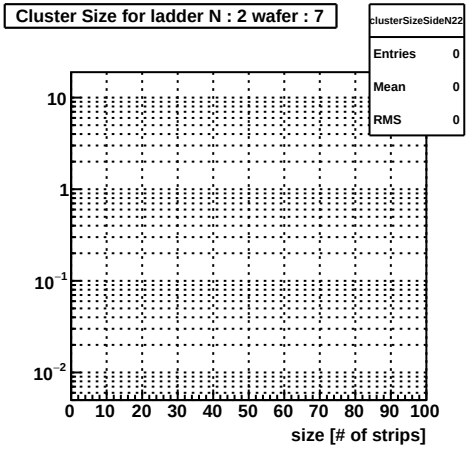

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

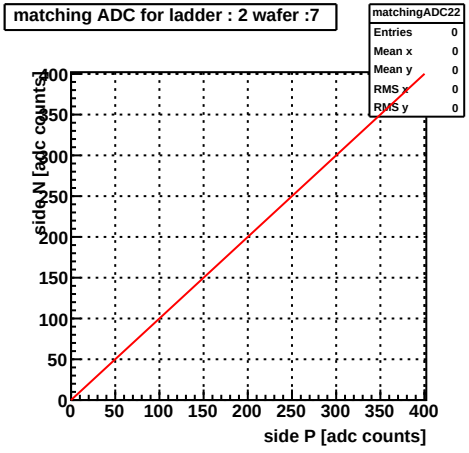

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

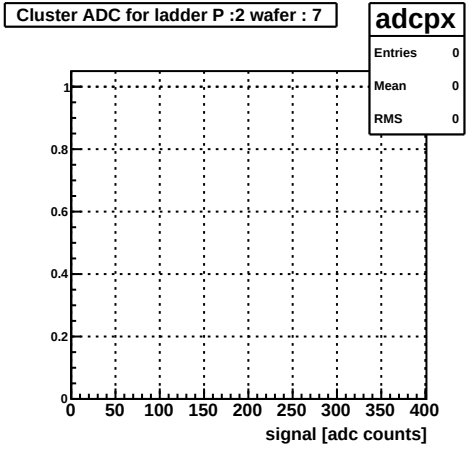

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

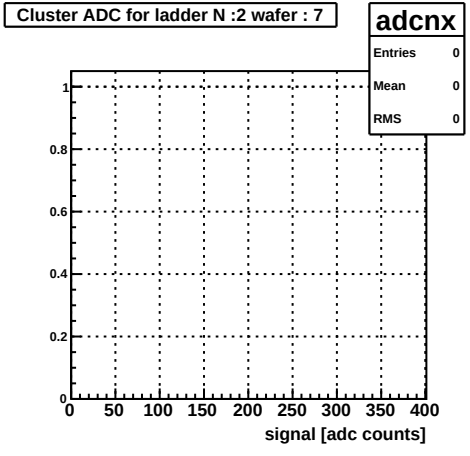

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

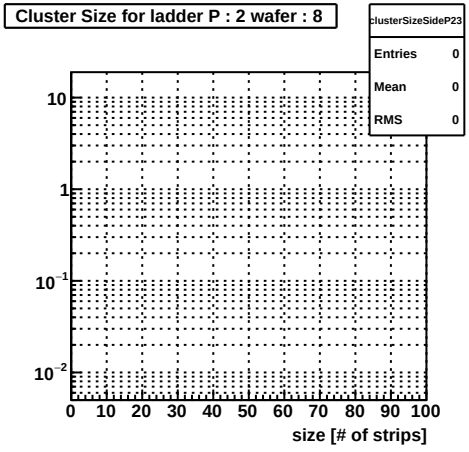

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

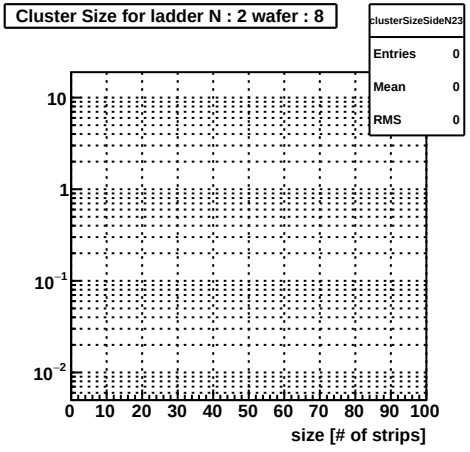

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

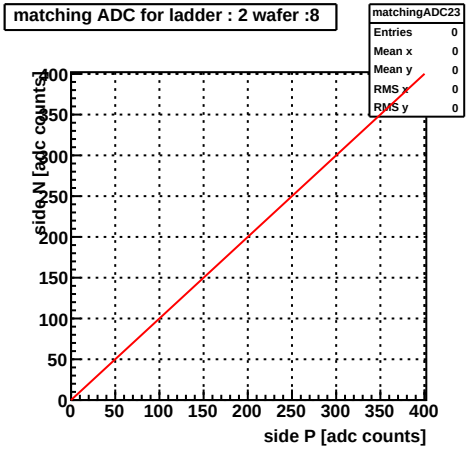

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

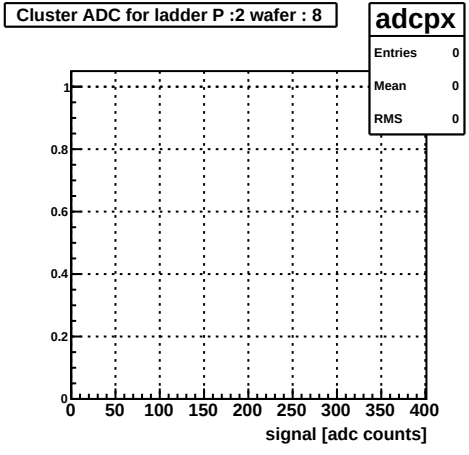

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

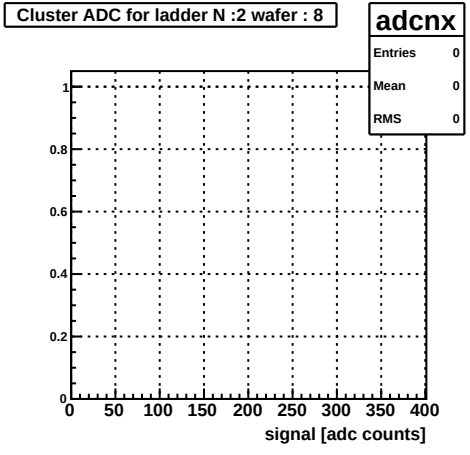

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

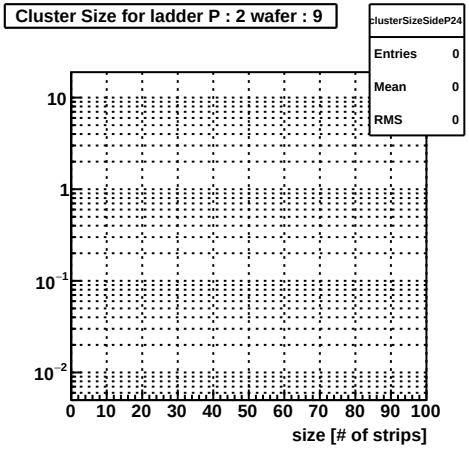

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

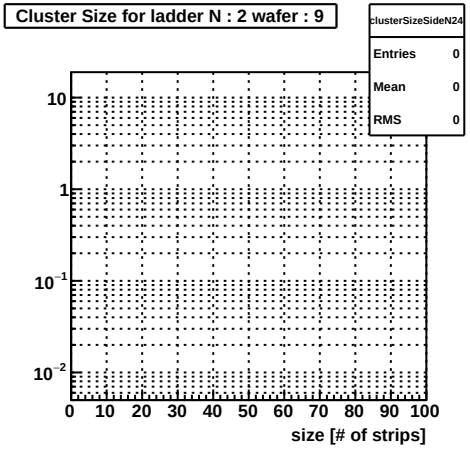

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

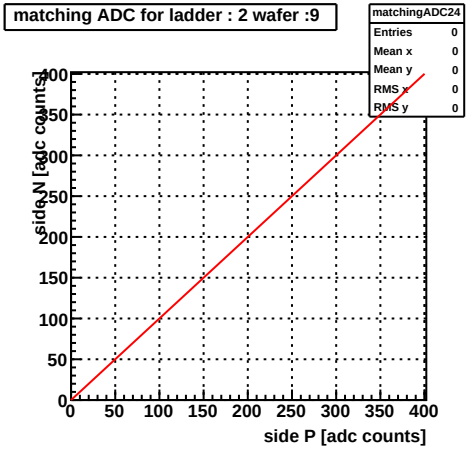

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

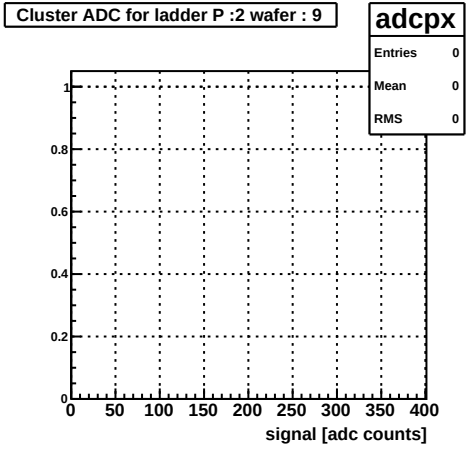

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

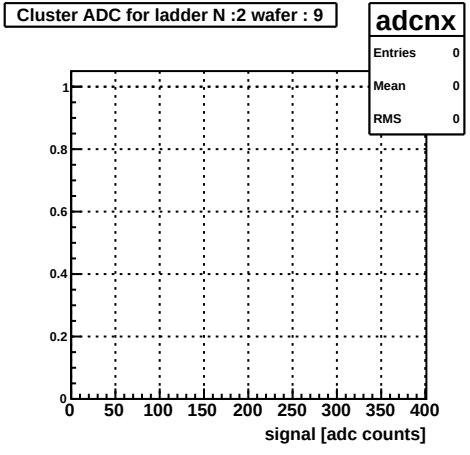

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

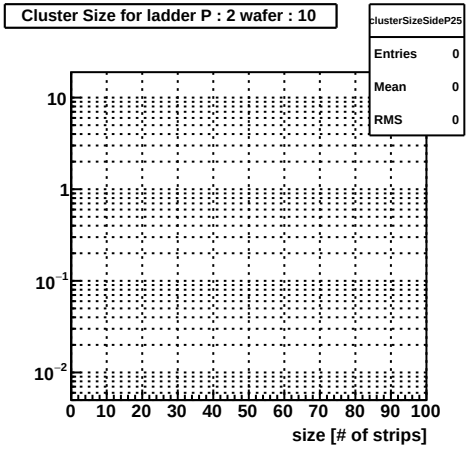

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

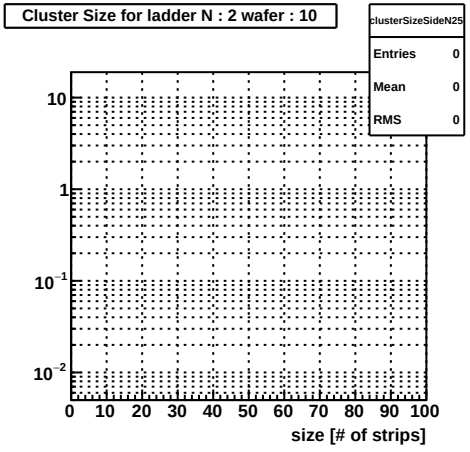

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

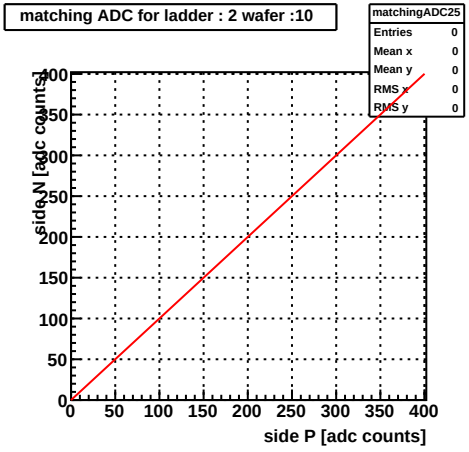

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

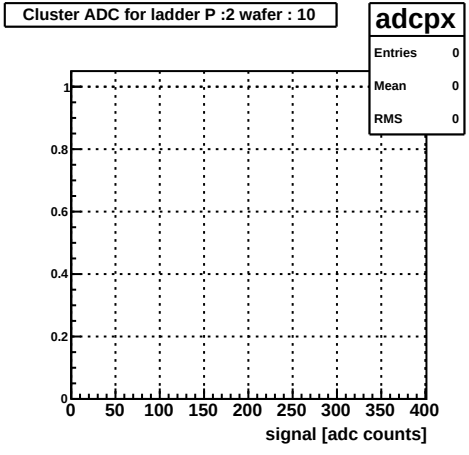

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

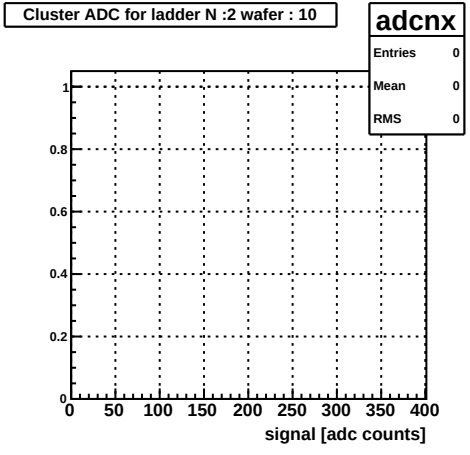

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

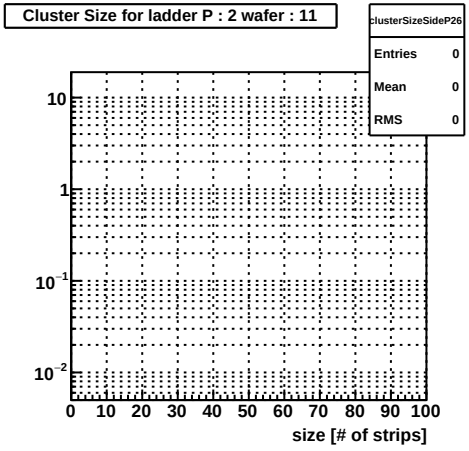

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

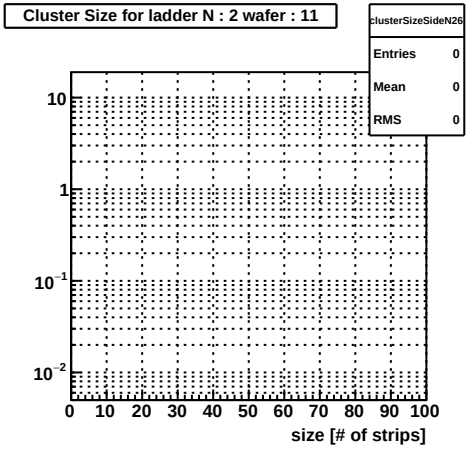

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

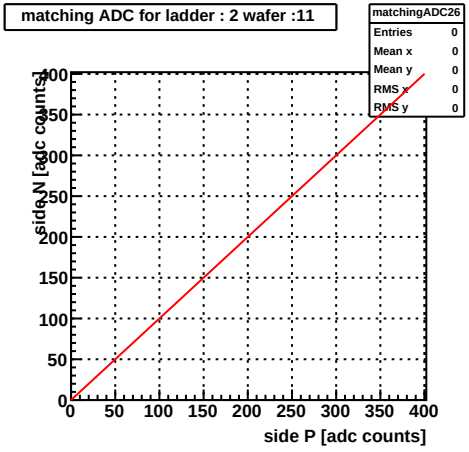

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

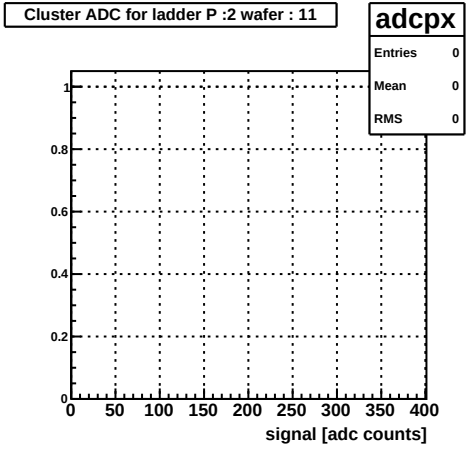

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

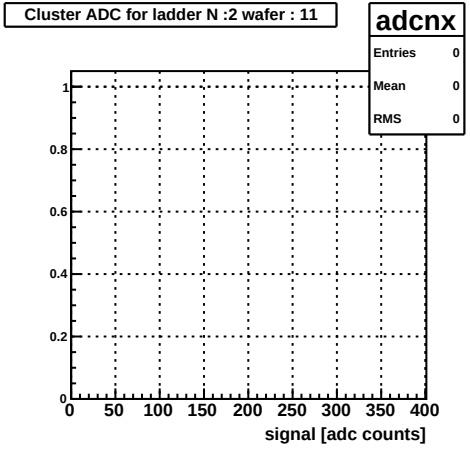

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

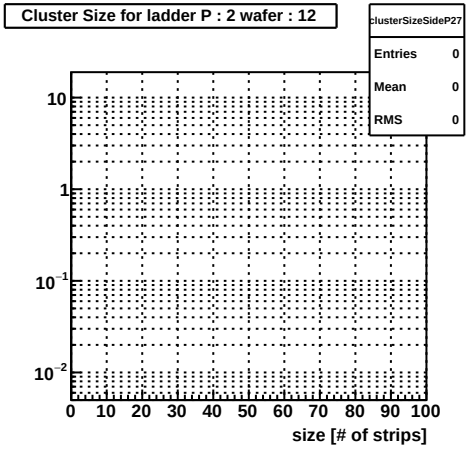

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

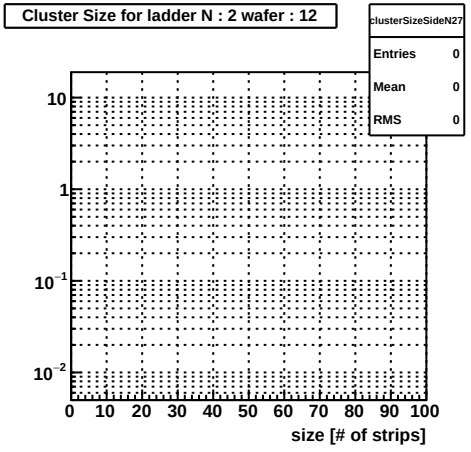

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

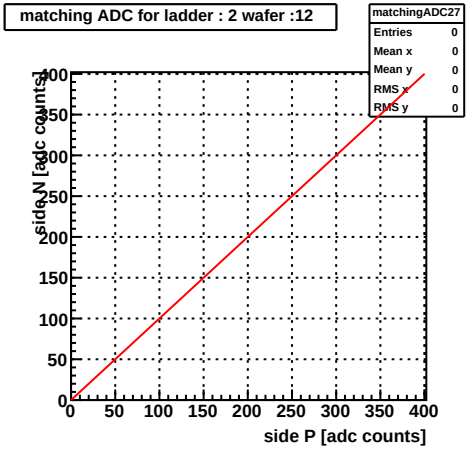

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

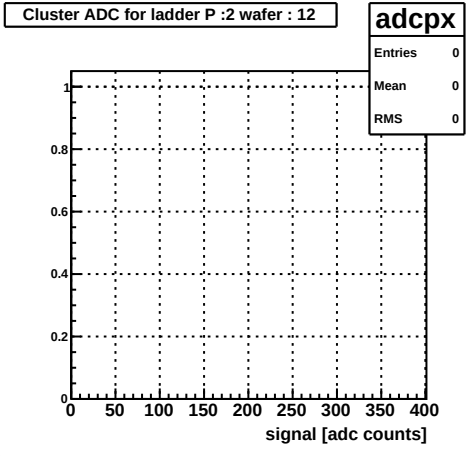

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

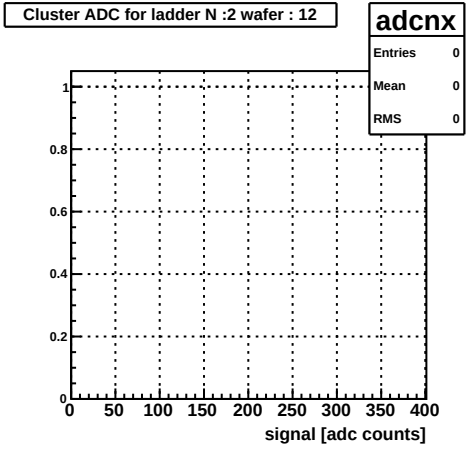

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

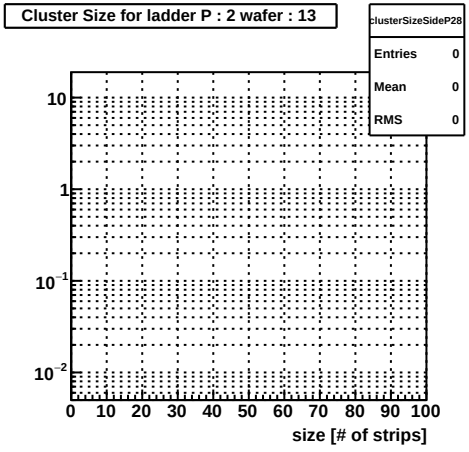

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

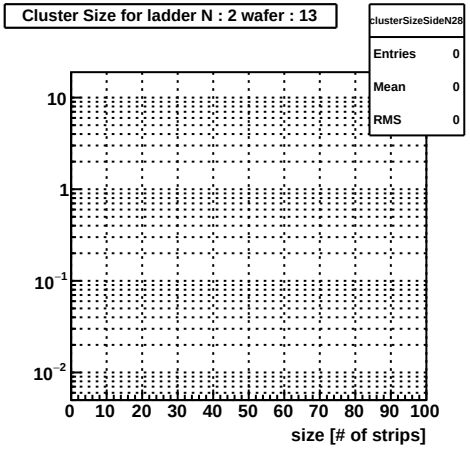

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

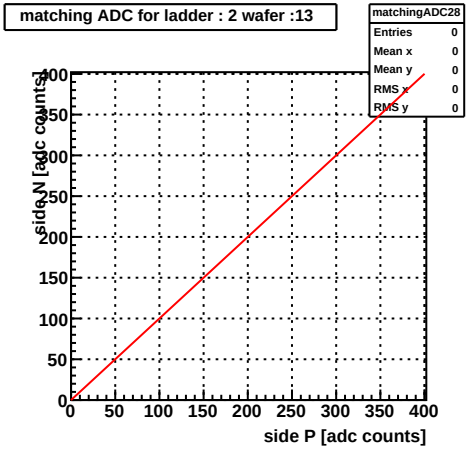

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

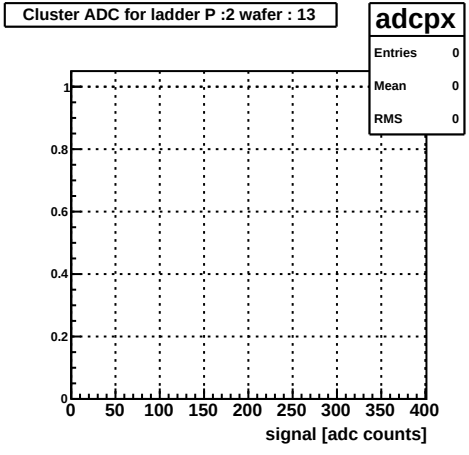

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

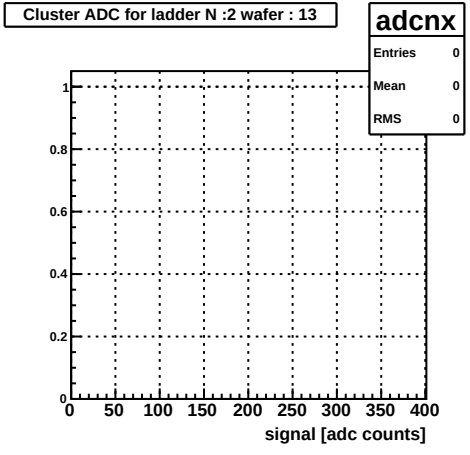

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

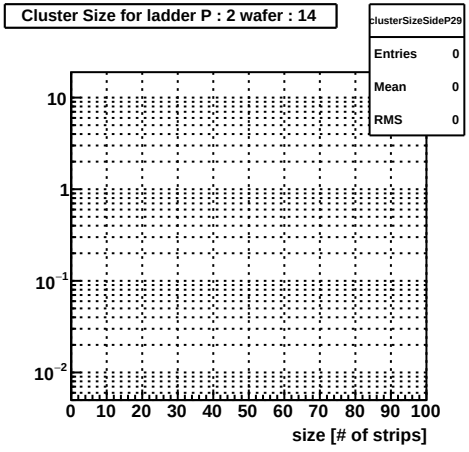

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

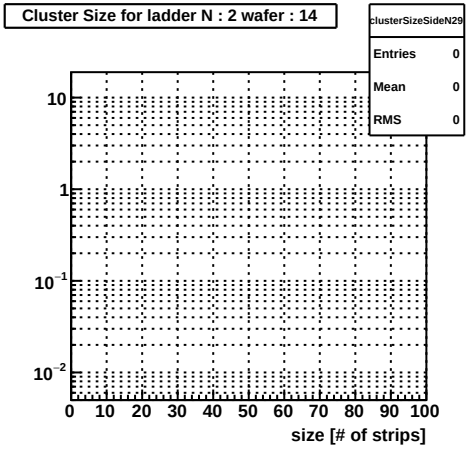

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

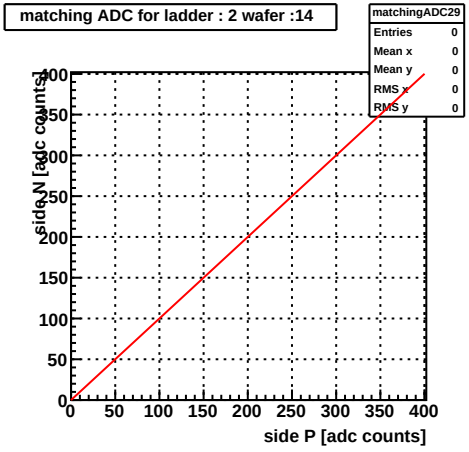

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

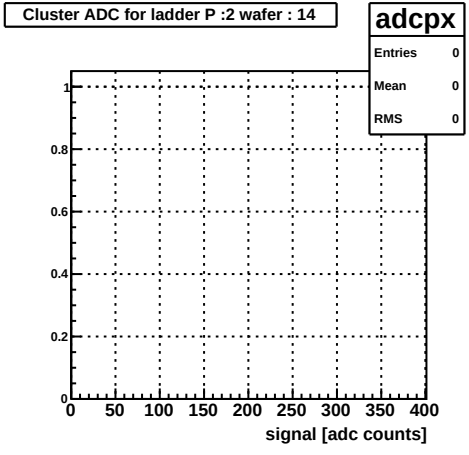

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

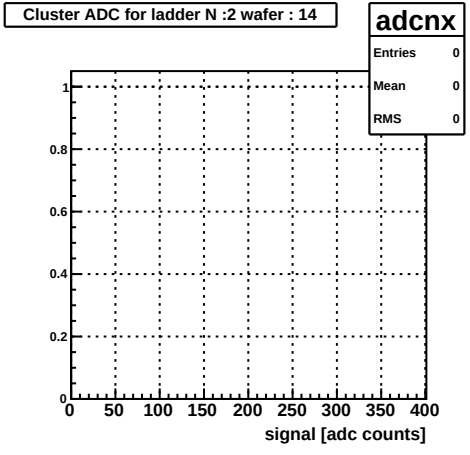

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

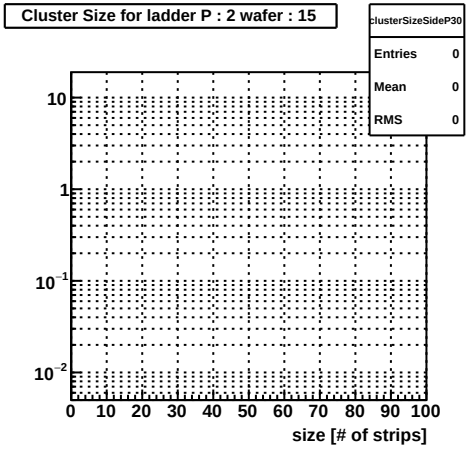

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

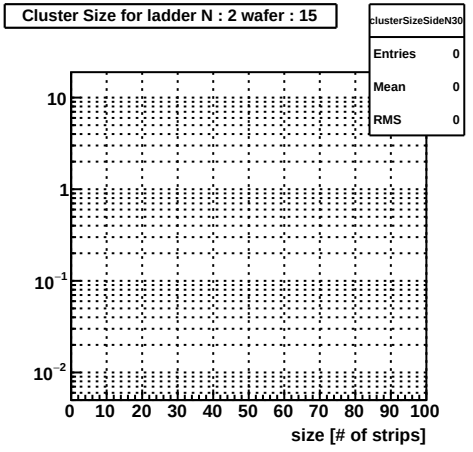

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

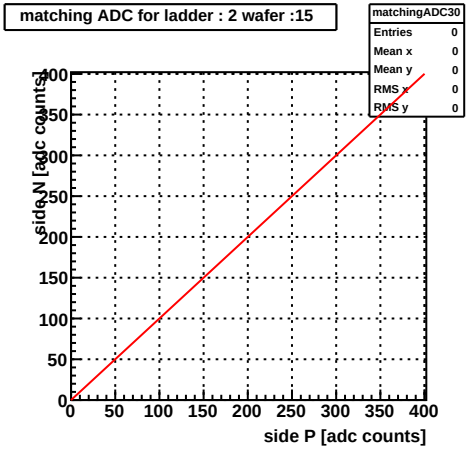

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

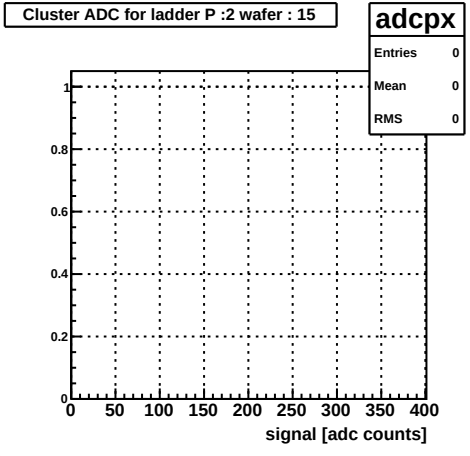

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

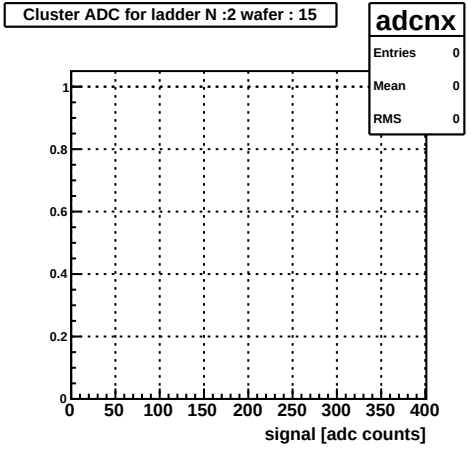

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

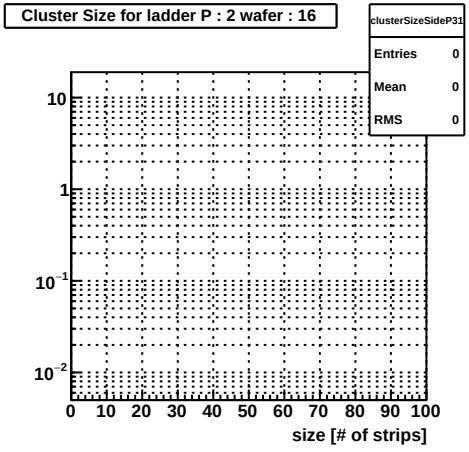

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

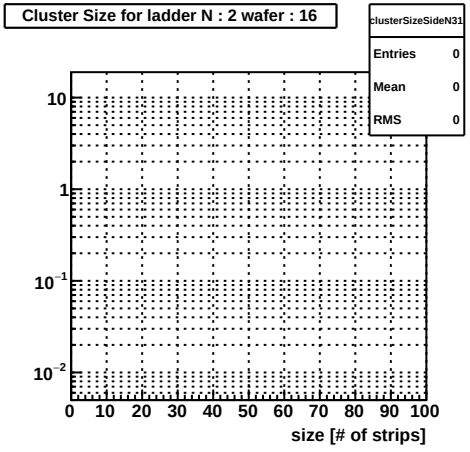

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

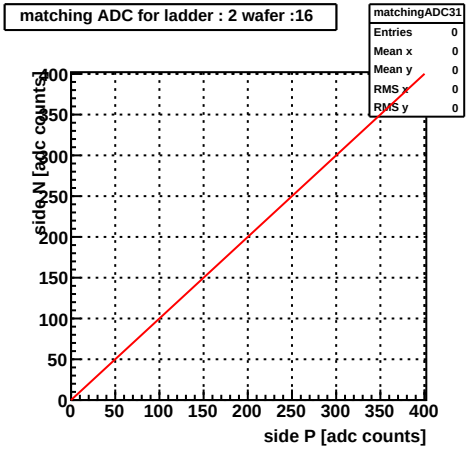

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

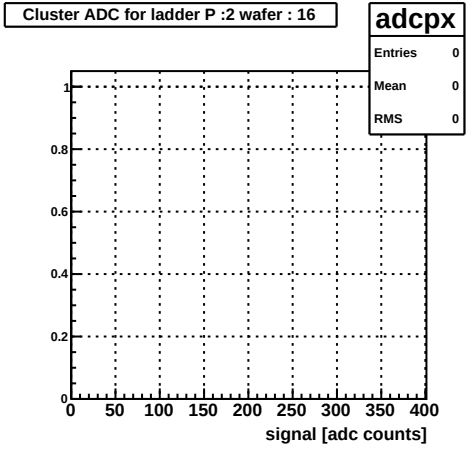

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

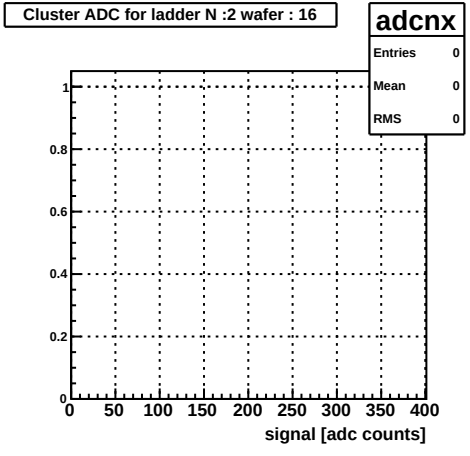

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

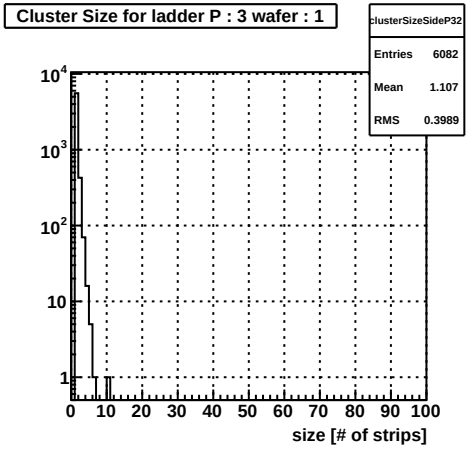

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

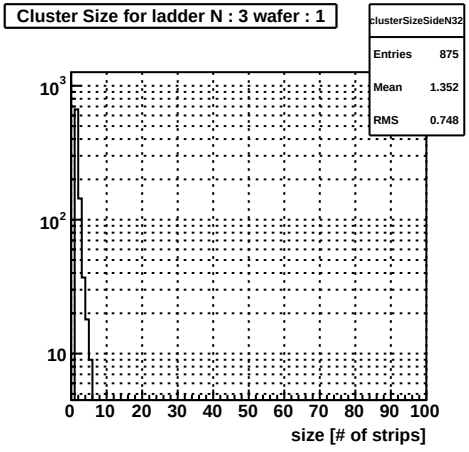

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

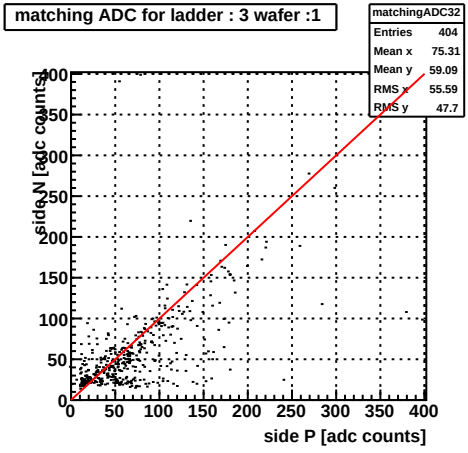

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

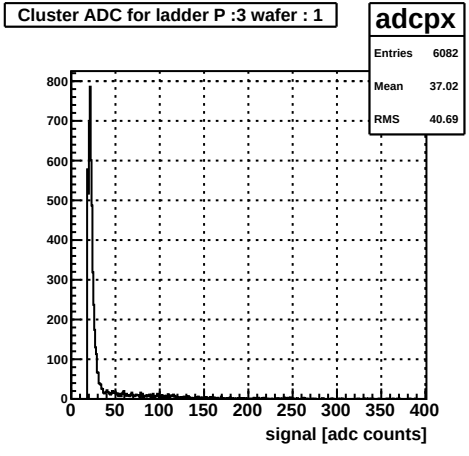

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

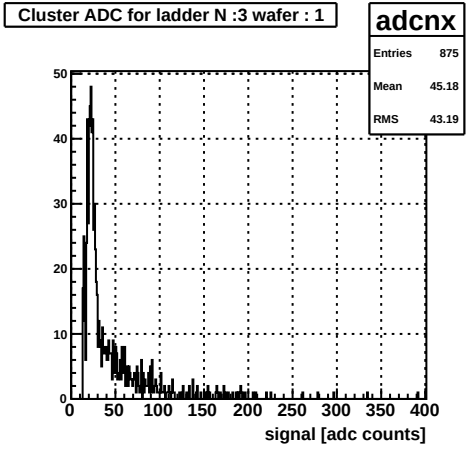

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

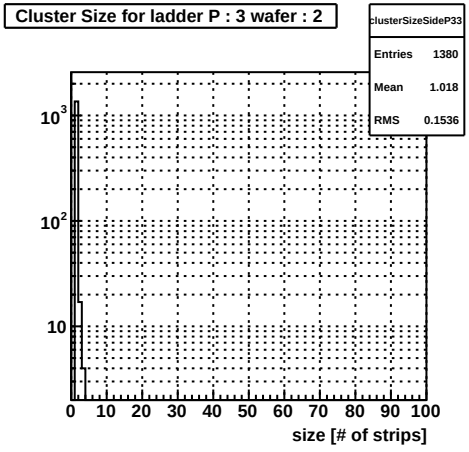

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 6082
Mean 1.107
RMS 0.3989
size [# of strips]

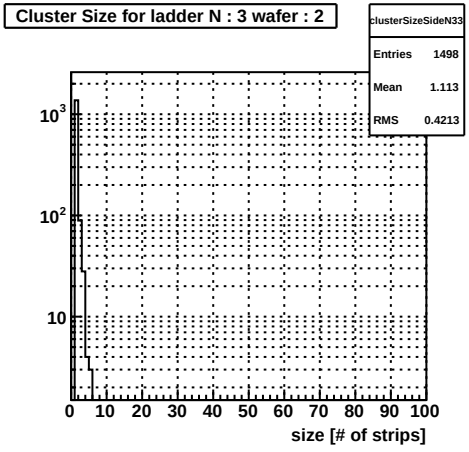

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 875
Mean 1.352
RMS 0.748
size [# of strips]

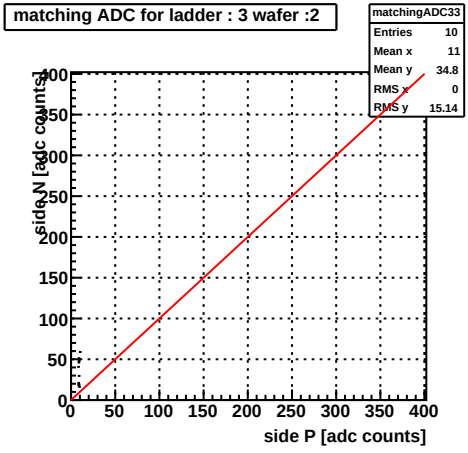

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 404
Mean x 75.31
Mean y 59.09
RMS x 55.59
RMS y 47.7
side N [adc counts]
side P [adc counts]

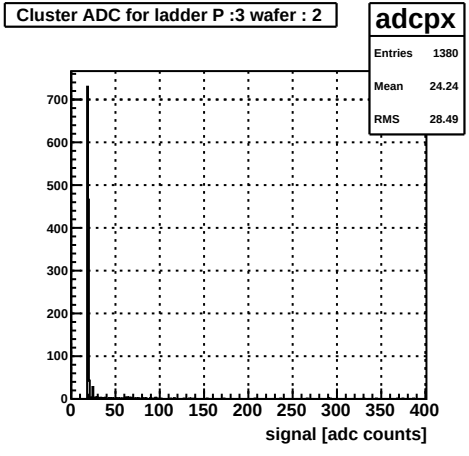

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 6082
Mean 37.02
RMS 40.69
signal [adc counts]

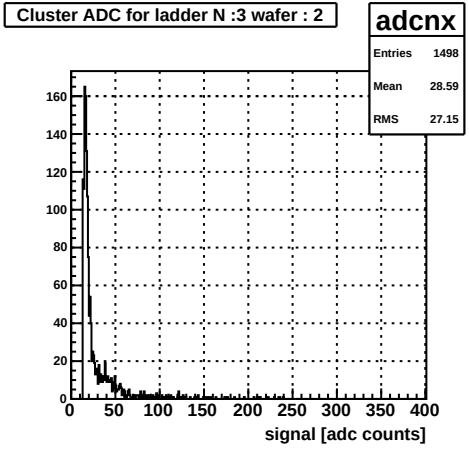

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 875
Mean 45.18
RMS 43.19
signal [adc counts]

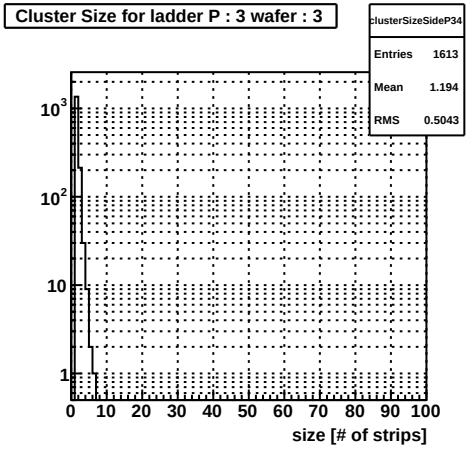

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1380
Mean 1.018
RMS 0.1536
size [# of strips]

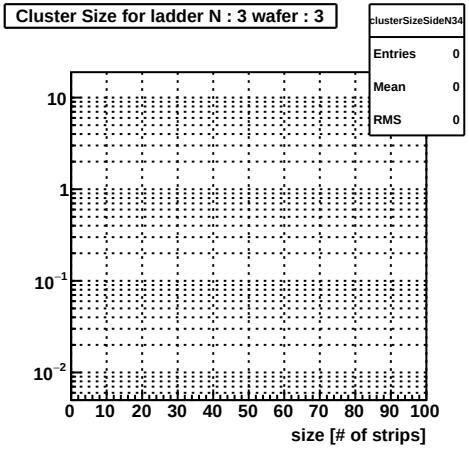

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1498
Mean 1.113
RMS 0.4213
size [# of strips]

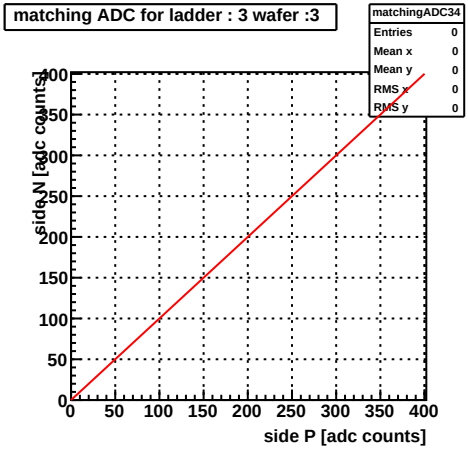

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 10
Mean x 11
Mean y 34.8
RMS x 0
RMS y 15.14
side N [adc counts]
side P [adc counts]

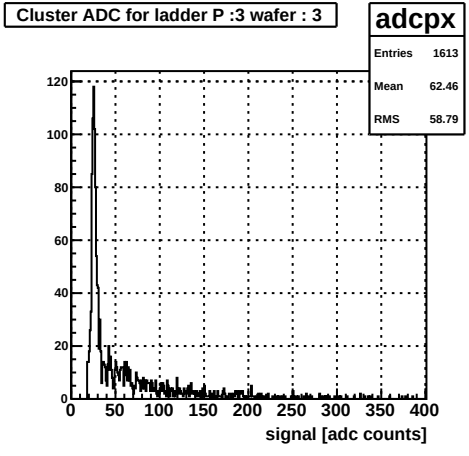

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1380
Mean 24.24
RMS 28.49
signal [adc counts]

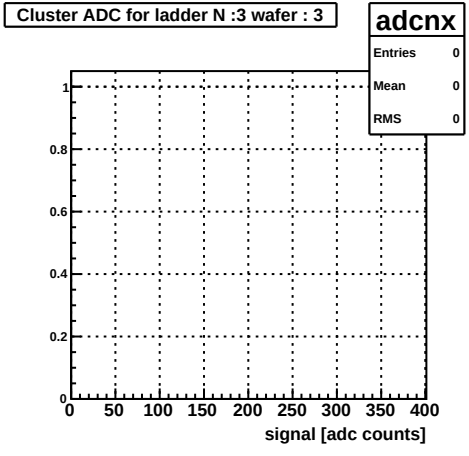

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1498
Mean 28.59
RMS 27.15
signal [adc counts]

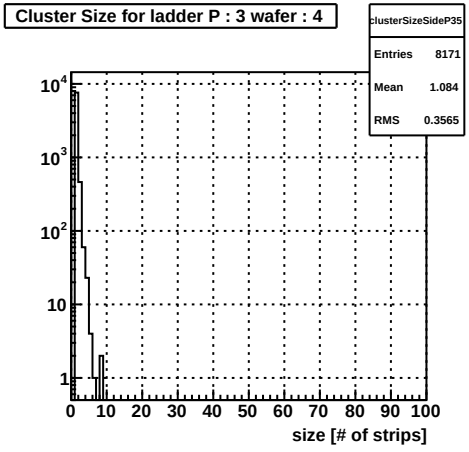

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 1613
Mean 1.194
RMS 0.5043
size [# of strips]

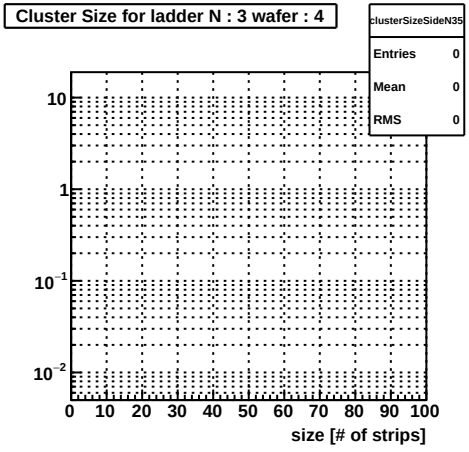

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

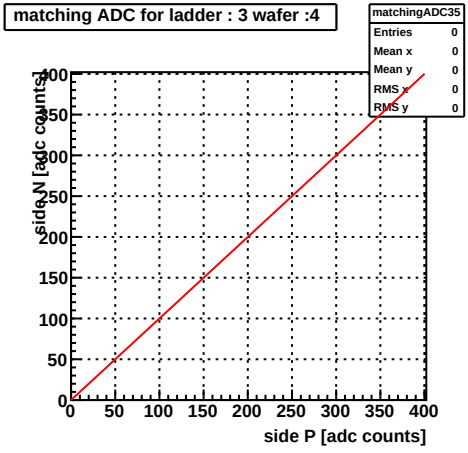

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

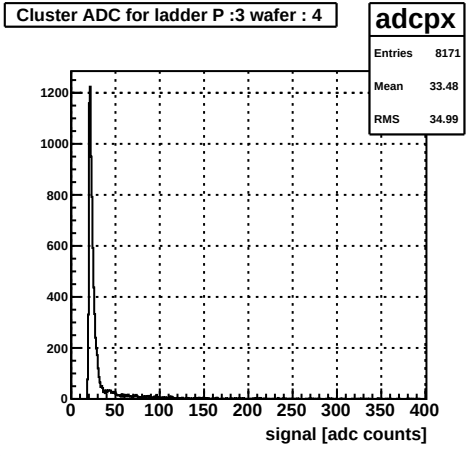

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 1613
Mean 62.46
RMS 58.79
signal [adc counts]

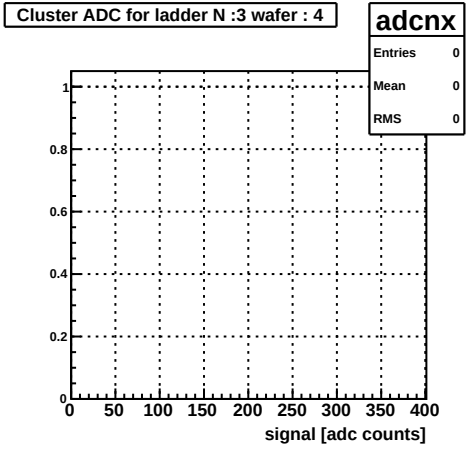

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

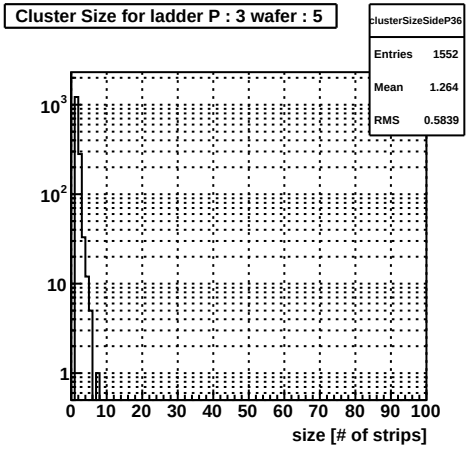

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 8171
Mean 1.084
RMS 0.3565
size [# of strips]

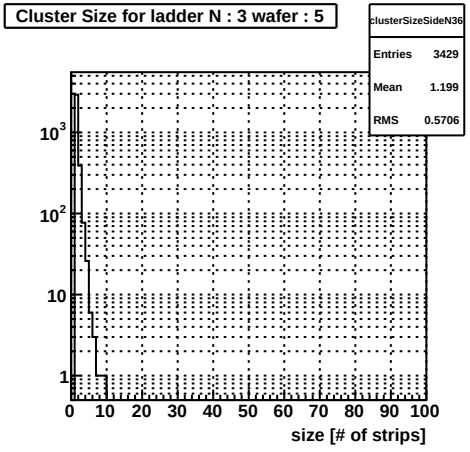

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

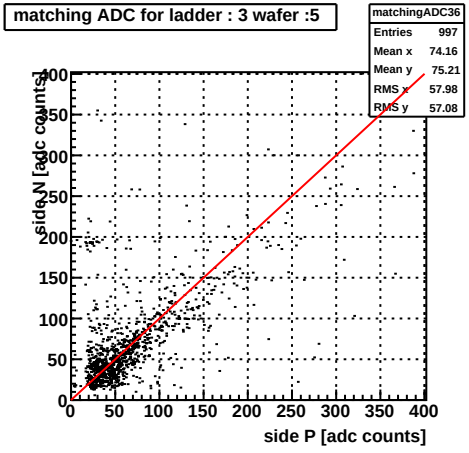

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

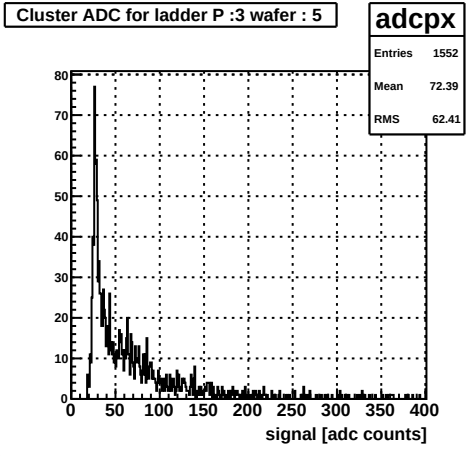

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 8171
Mean 33.48
RMS 34.99
signal [adc counts]

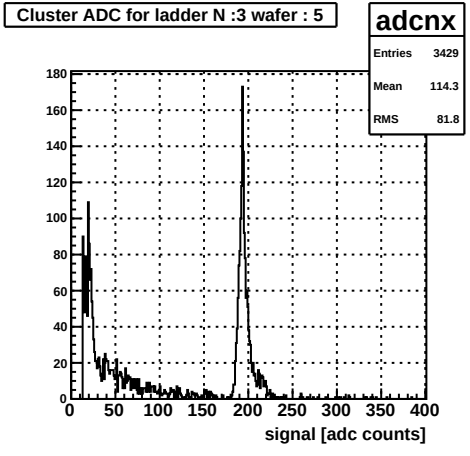

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

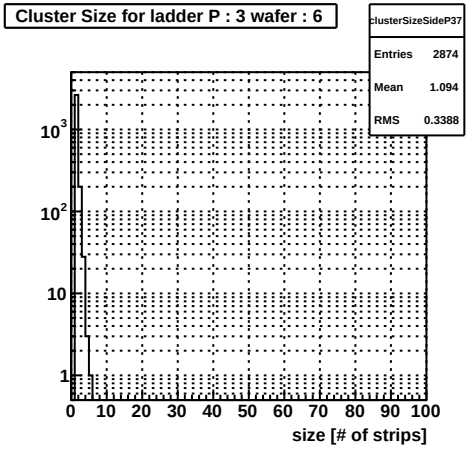

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 1552
Mean 1.264
RMS 0.5839
size [# of strips]

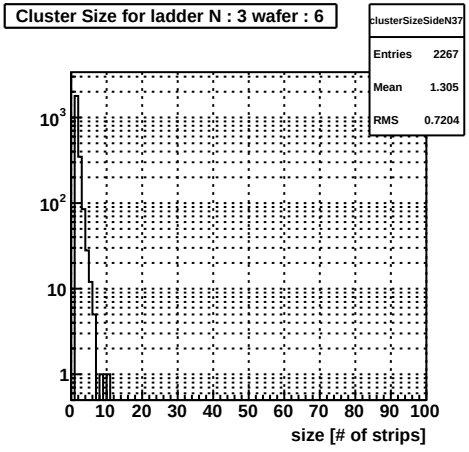

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 3429
Mean 1.199
RMS 0.5706
size [# of strips]

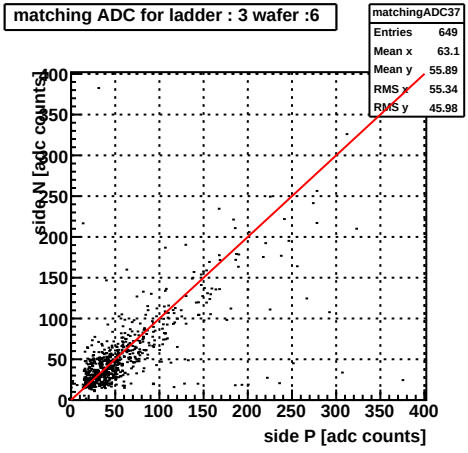

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 997
Mean x 74.16
Mean y 75.21
RMS x 57.98
RMS y 57.08
side N [adc counts]
side P [adc counts]

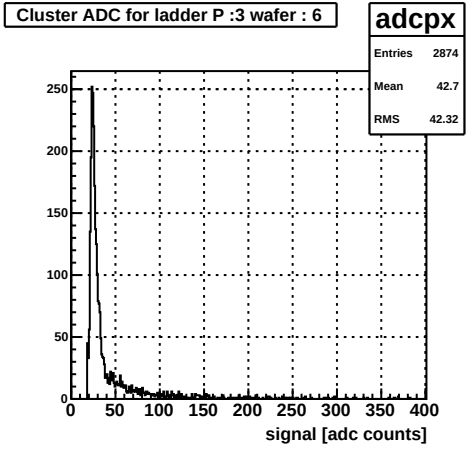

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 1552
Mean 72.39
RMS 62.41
signal [adc counts]

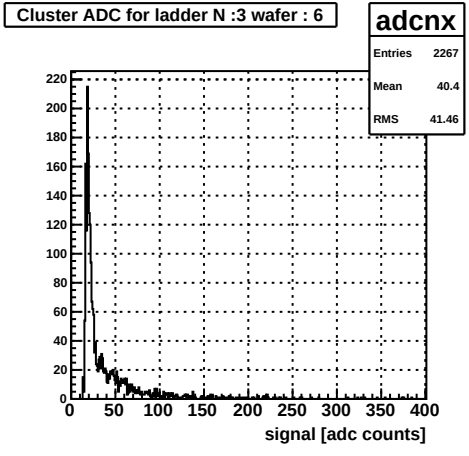

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 3429
Mean 114.3
RMS 81.8
signal [adc counts]

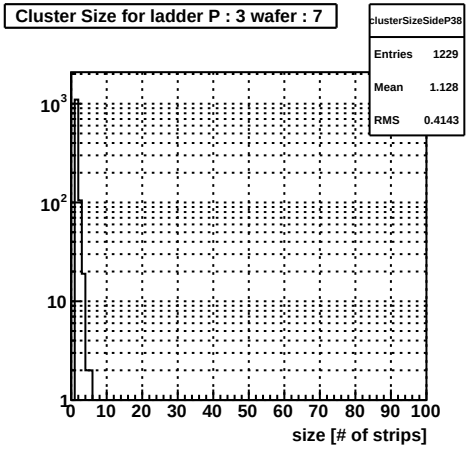

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 2874
Mean 1.094
RMS 0.3388
size [# of strips]

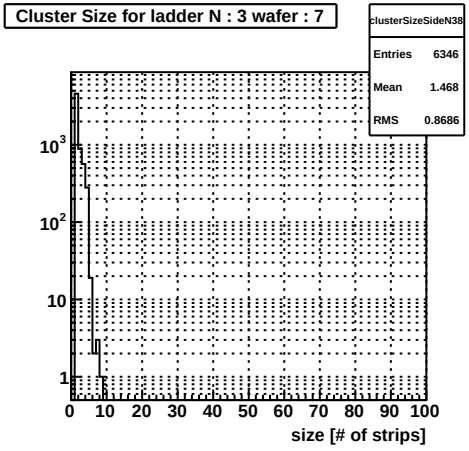

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 2267
Mean 1.305
RMS 0.7204
size [# of strips]

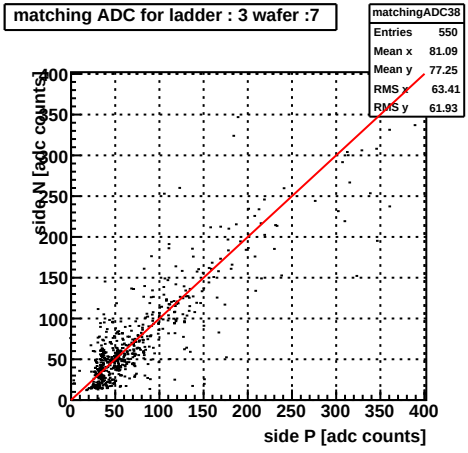

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 649
Mean x 63.1
Mean y 55.89
RMS x 55.34
RMS y 45.98
side N [adc counts]
side P [adc counts]

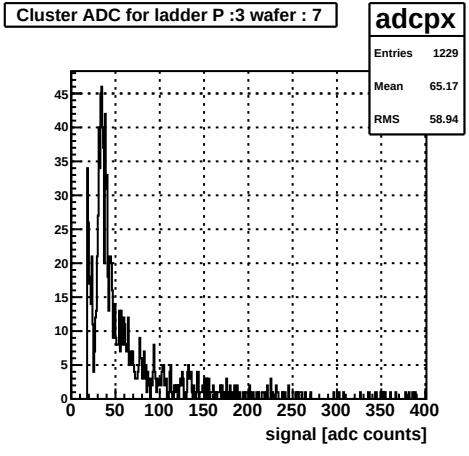

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 2874
Mean 42.7
RMS 42.32
signal [adc counts]

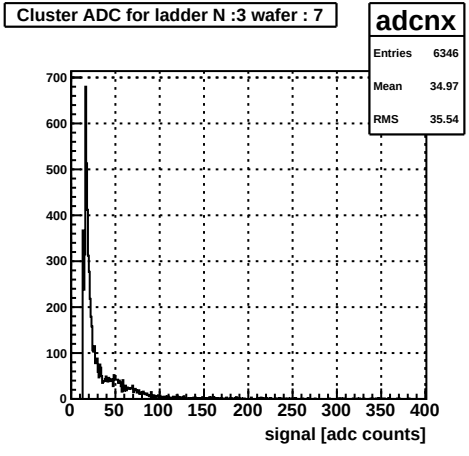

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 2267
Mean 40.4
RMS 41.46
signal [adc counts]

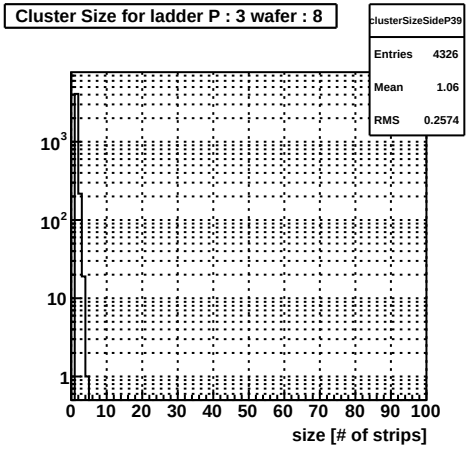

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 1229
Mean 1.128
RMS 0.4143
size [# of strips]

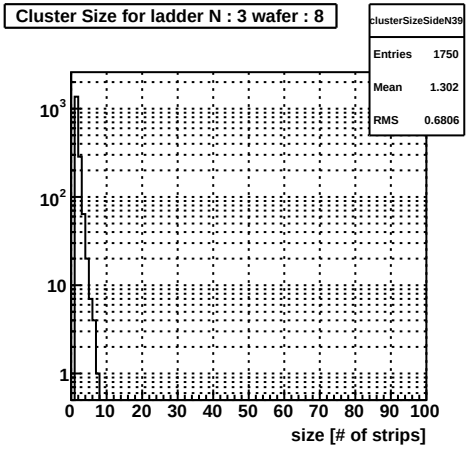

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 6346
Mean 1.468
RMS 0.8686
size [# of strips]

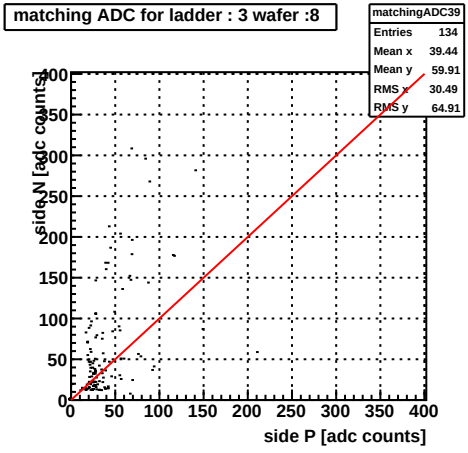

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 550
Mean x 81.09
Mean y 77.25
RMS x 63.41
RMS y 61.93
side N [adc counts]
side P [adc counts]

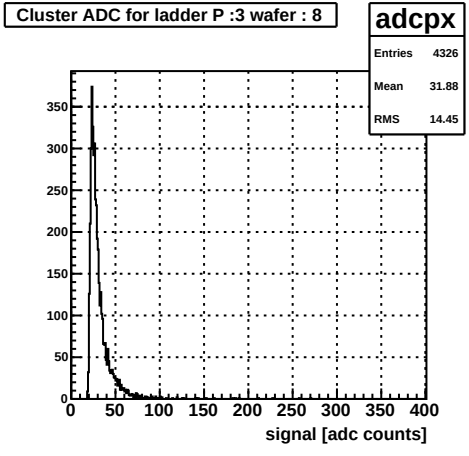

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 1229
Mean 65.17
RMS 58.94
signal [adc counts]

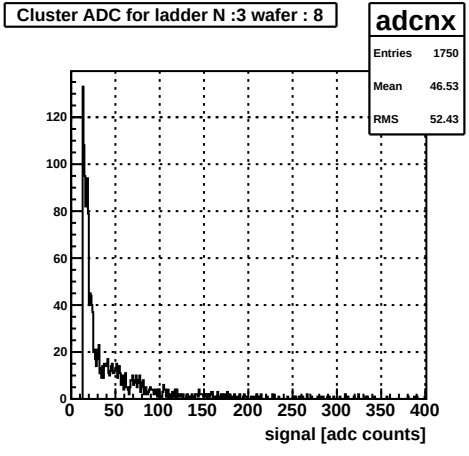

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 6346
Mean 34.97
RMS 35.54
signal [adc counts]

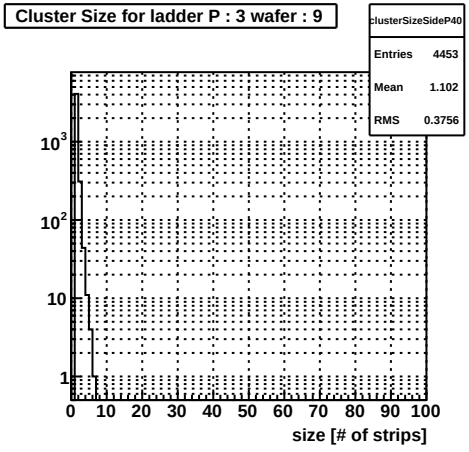

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 4326
Mean 1.06
RMS 0.2574
size [# of strips]

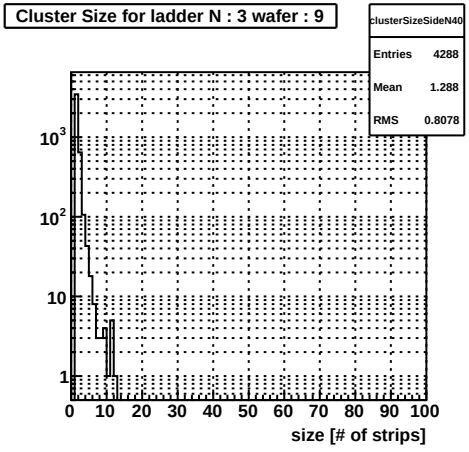

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 1750
Mean 1.302
RMS 0.6806
size [# of strips]

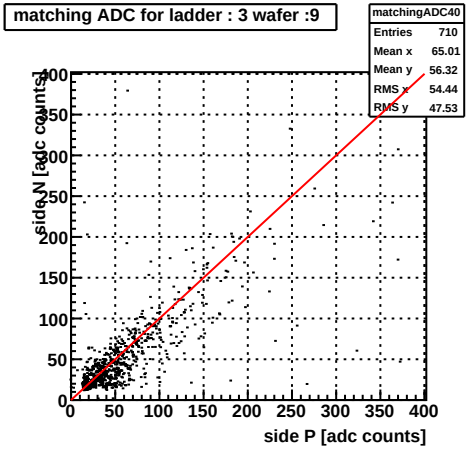

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 134
Mean x 39.44
Mean y 59.91
RMS x 30.49
RMS y 64.91
side N [adc counts]
side P [adc counts]

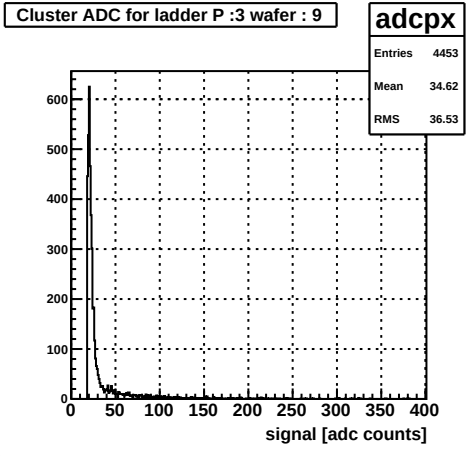

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 4326
Mean 31.88
RMS 14.45
signal [adc counts]

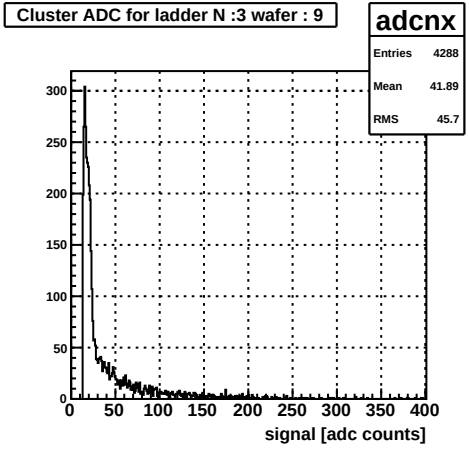

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 1750
Mean 46.53
RMS 52.43
signal [adc counts]

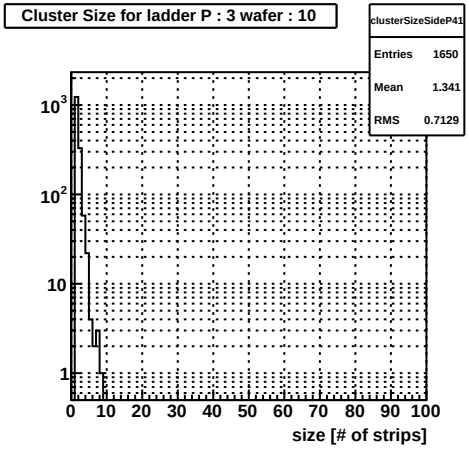

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 4453
Mean 1.102
RMS 0.3756
size [# of strips]

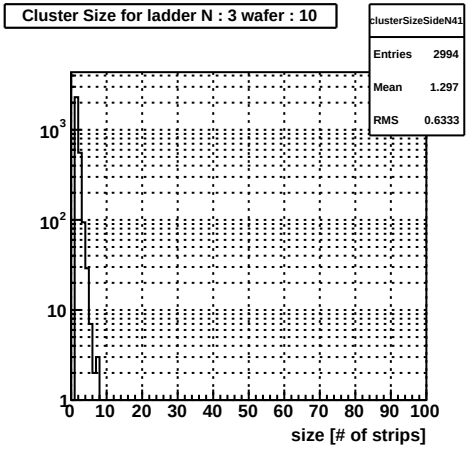

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 4288
Mean 1.288
RMS 0.8078
size [# of strips]

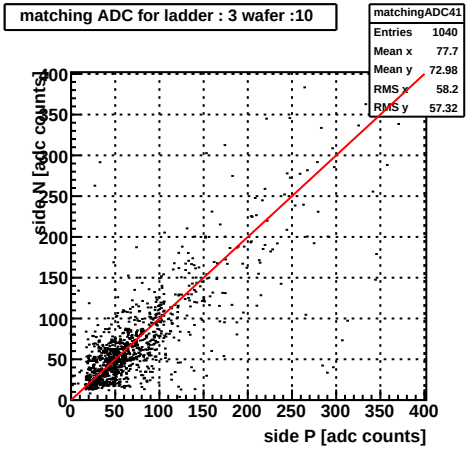

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 710
Mean x 65.01
Mean y 56.32
RMS x 54.44
RMS y 47.53
side N [adc counts]
side P [adc counts]

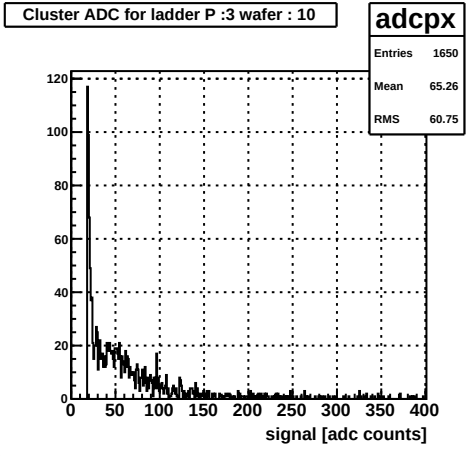

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 4453
Mean 34.62
RMS 36.53
signal [adc counts]

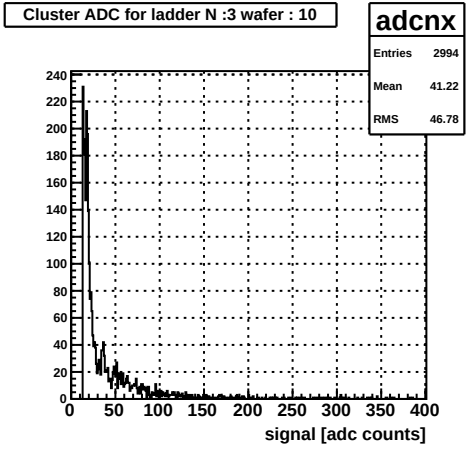

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 4288
Mean 41.89
RMS 45.7
signal [adc counts]

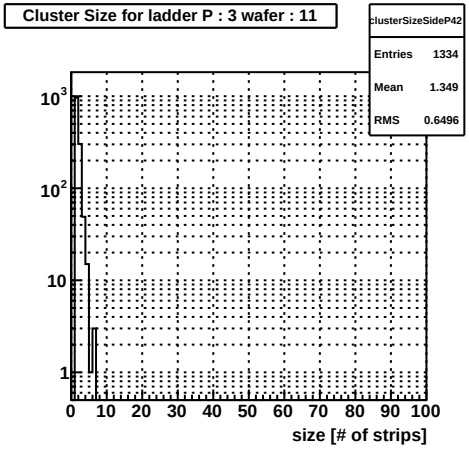

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1650
Mean 1.341
RMS 0.7129
size [# of strips]

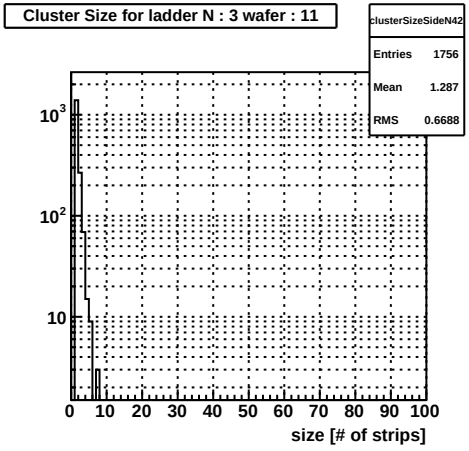

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 2994
Mean 1.297
RMS 0.6333
size [# of strips]

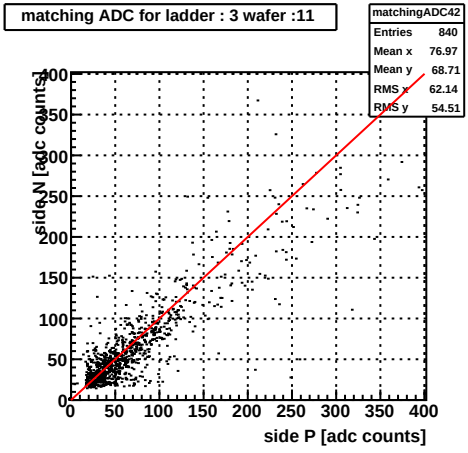

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1040
Mean x 77.7
Mean y 72.98
RMS x 58.2
RMS y 57.32
side N [adc counts]
side P [adc counts]

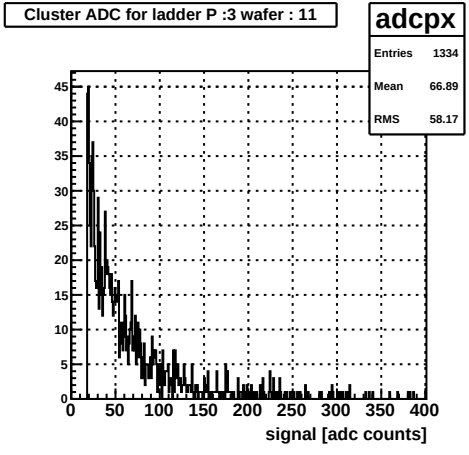

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1650
Mean 65.26
RMS 60.75
signal [adc counts]

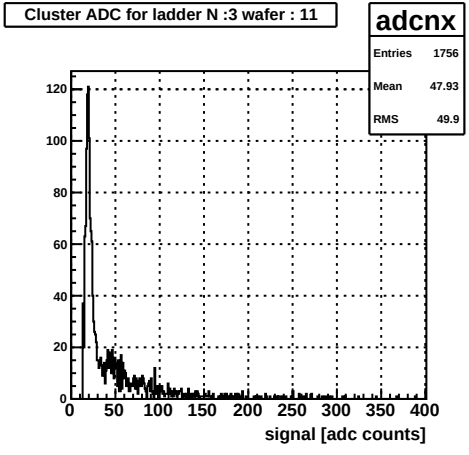

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 2994
Mean 41.22
RMS 46.78
signal [adc counts]

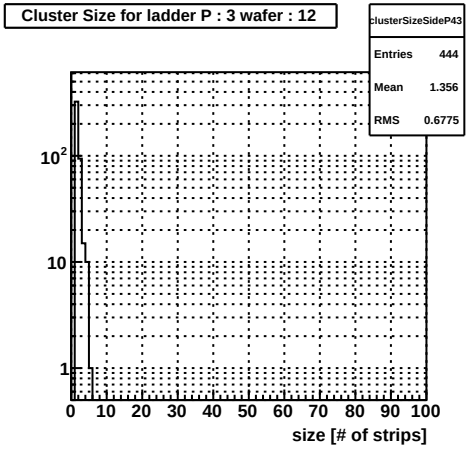

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1334
Mean 1.349
RMS 0.6496
size [# of strips]

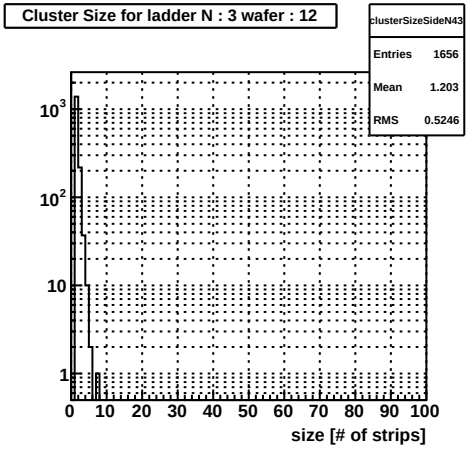

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 1756
Mean 1.287
RMS 0.6688
size [# of strips]

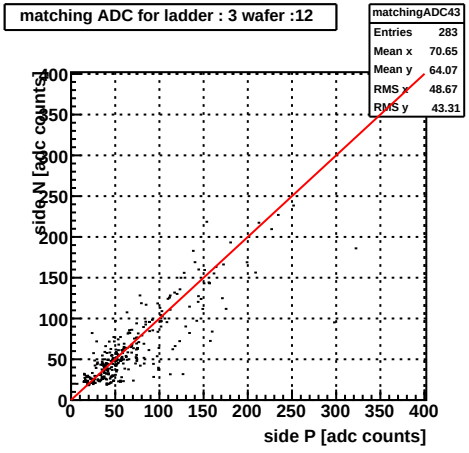

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 840
Mean x 76.97
Mean y 68.71
RMS x 62.14
RMS y 54.51
side N [adc counts]
side P [adc counts]

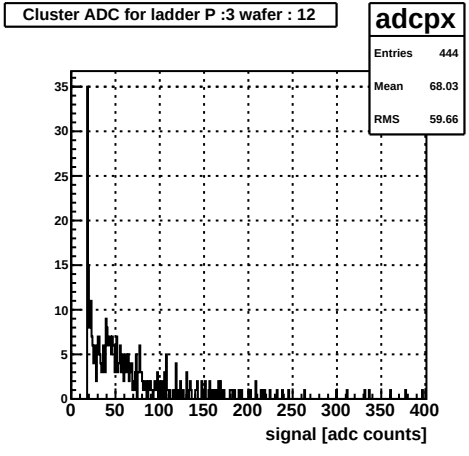

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1334
Mean 66.89
RMS 58.17
signal [adc counts]

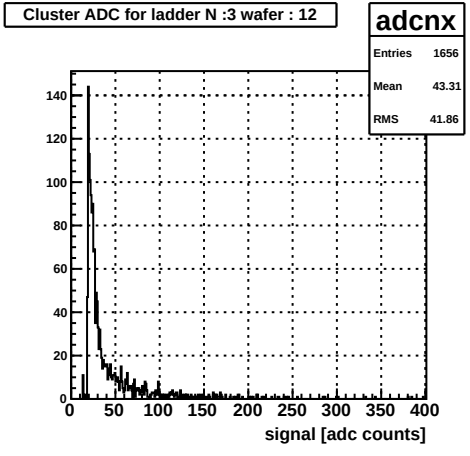

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 1756
Mean 47.93
RMS 49.9
signal [adc counts]

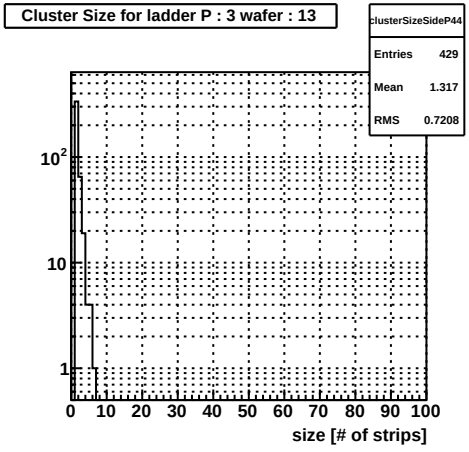

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 444
Mean 1.356
RMS 0.6775
size [# of strips]

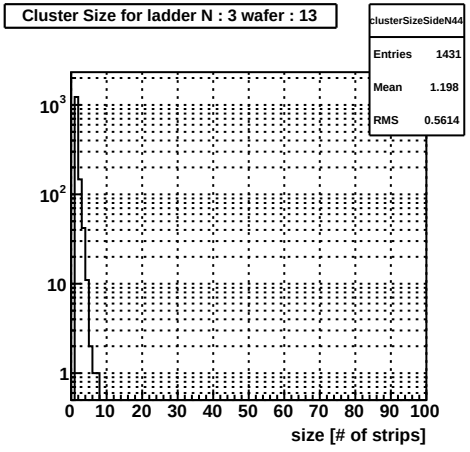

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 1656
Mean 1.203
RMS 0.5246
size [# of strips]

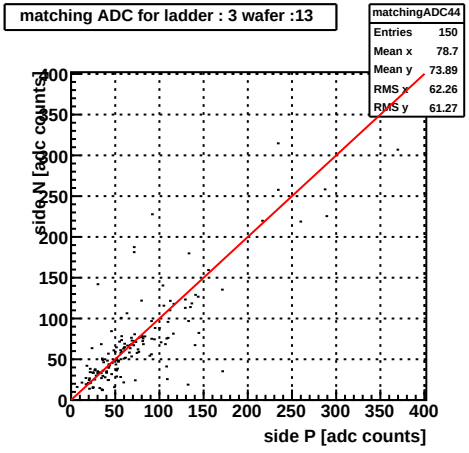

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 283
Mean x 70.65
Mean y 64.07
RMS x 48.67
RMS y 43.31
side N [adc counts]
side P [adc counts]

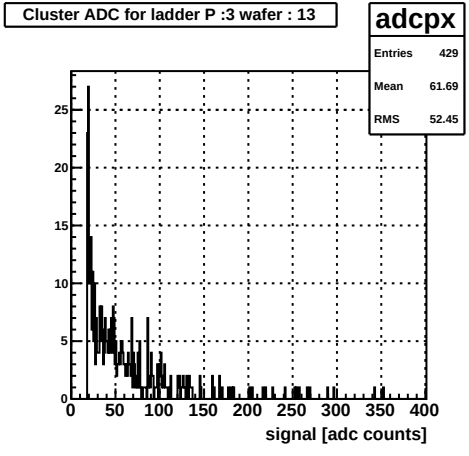

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 444
Mean 68.03
RMS 59.66
signal [adc counts]

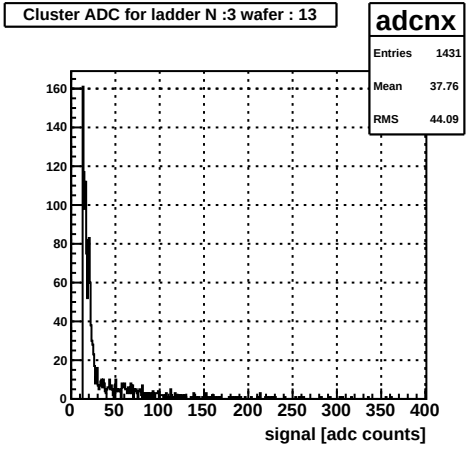

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 1656
Mean 43.31
RMS 41.86
signal [adc counts]

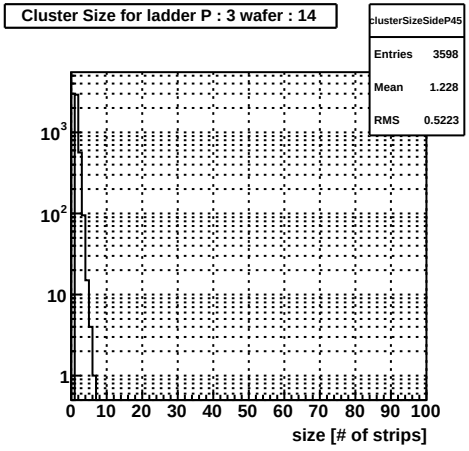

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 429
Mean 1.317
RMS 0.7208
size [# of strips]

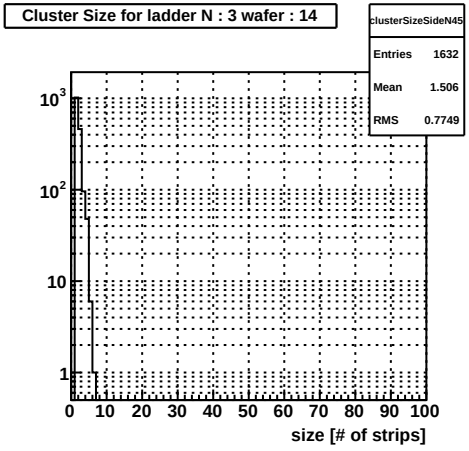

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 1431
Mean 1.198
RMS 0.5614
size [# of strips]

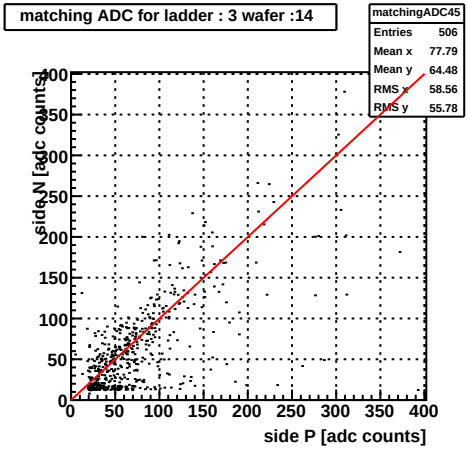

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 150
Mean x 78.7
Mean y 73.89
RMS x 62.26
RMS y 61.27
side N [adc counts]
side P [adc counts]

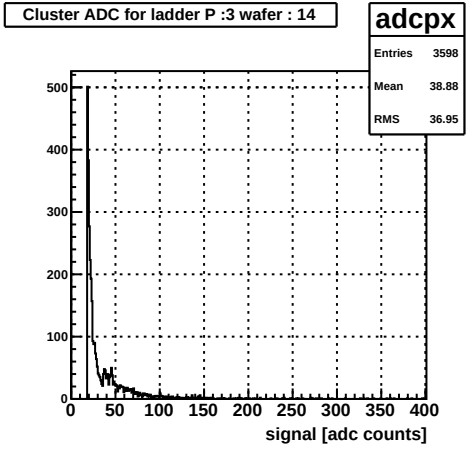

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 429
Mean 61.69
RMS 52.45
signal [adc counts]

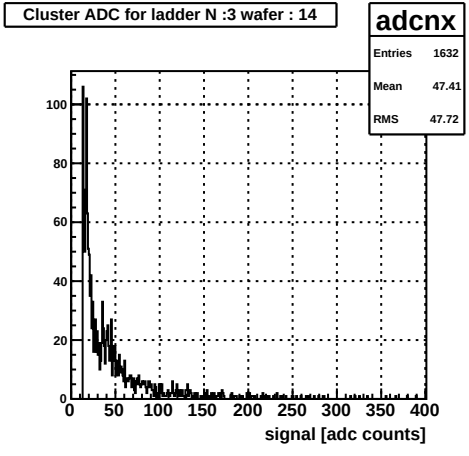

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 1431
Mean 37.76
RMS 44.09
signal [adc counts]

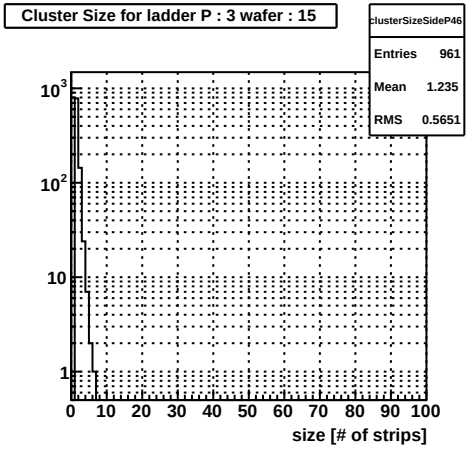

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 3598
Mean 1.228
RMS 0.5223
size [# of strips]

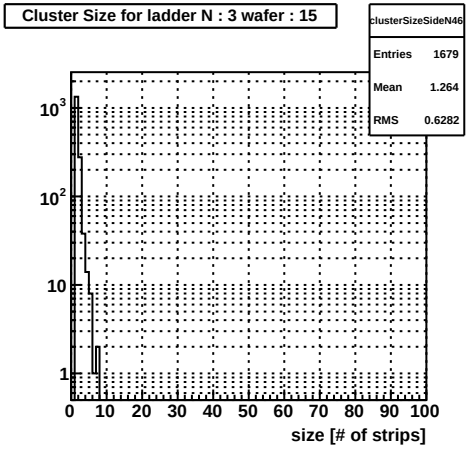

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 1632
Mean 1.506
RMS 0.7749
size [# of strips]

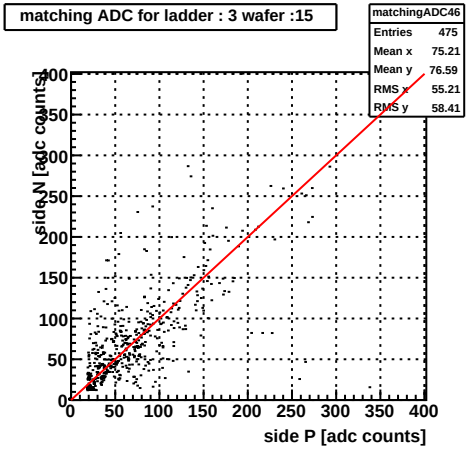

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 506
Mean x 77.79
Mean y 64.48
RMS x 58.56
RMS y 55.78
side N [adc counts]
side P [adc counts]

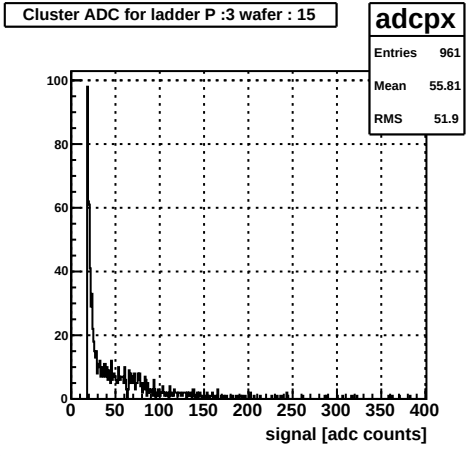

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 3598
Mean 38.88
RMS 36.95
signal [adc counts]

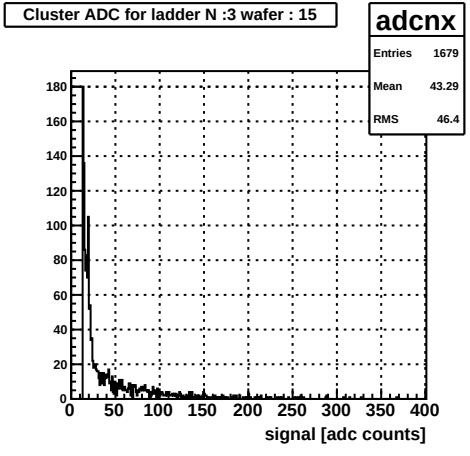

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 1632
Mean 47.41
RMS 47.72
signal [adc counts]

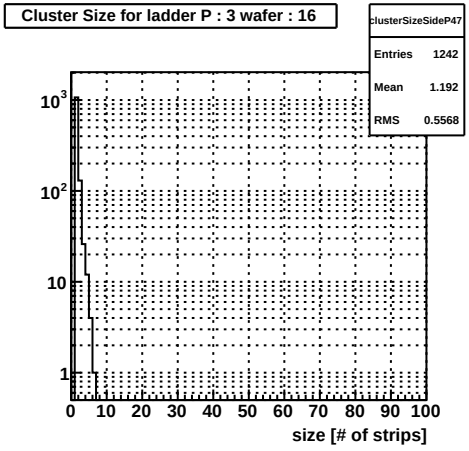

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 961
Mean 1.235
RMS 0.5651
size [# of strips]

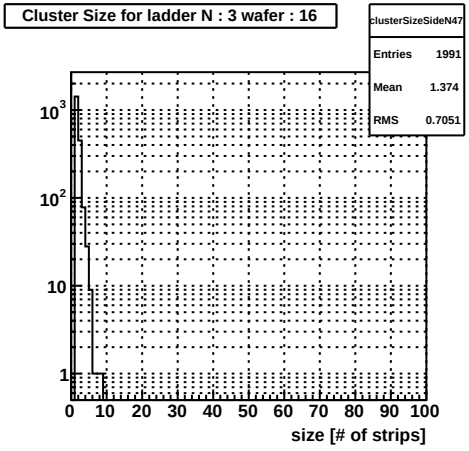

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 1679
Mean 1.264
RMS 0.6282
size [# of strips]

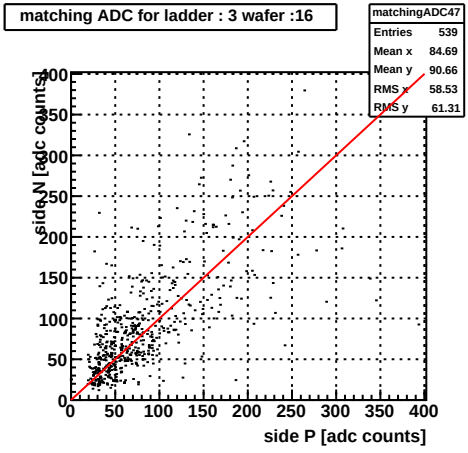

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 475
Mean x 75.21
Mean y 76.59
RMS x 55.21
RMS y 58.41
side N [adc counts]
side P [adc counts]

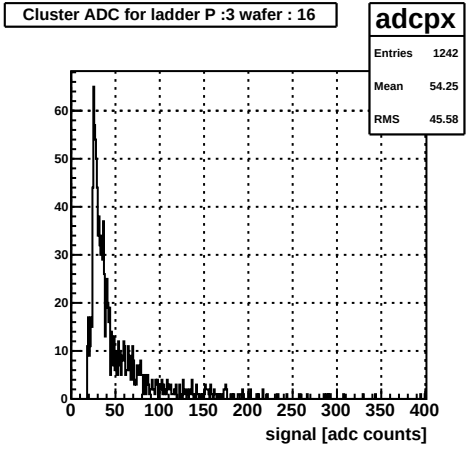

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 961
Mean 55.81
RMS 51.9
signal [adc counts]

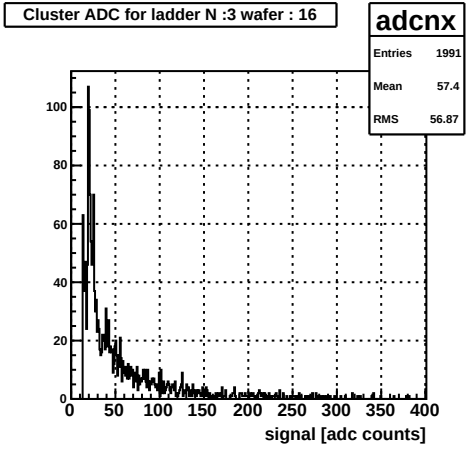

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 1679
Mean 43.29
RMS 46.4
signal [adc counts]

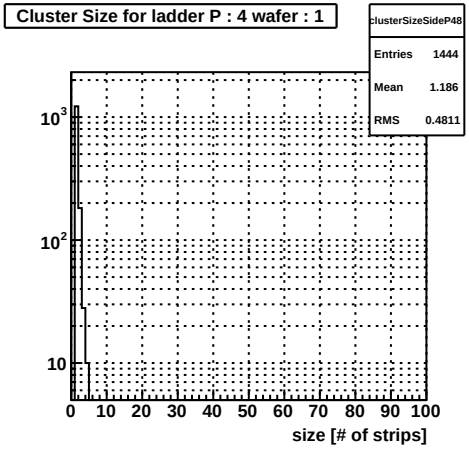

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1242
Mean 1.192
RMS 0.5568
size [# of strips]

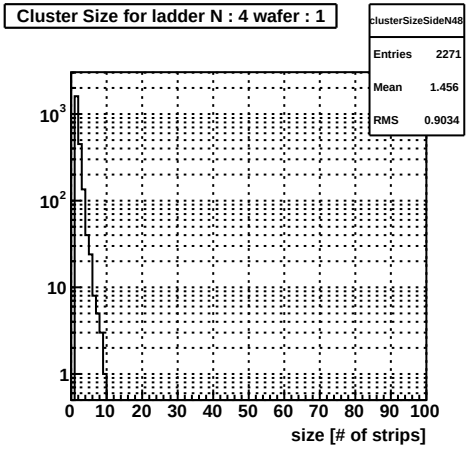

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 1991
Mean 1.374
RMS 0.7051
size [# of strips]

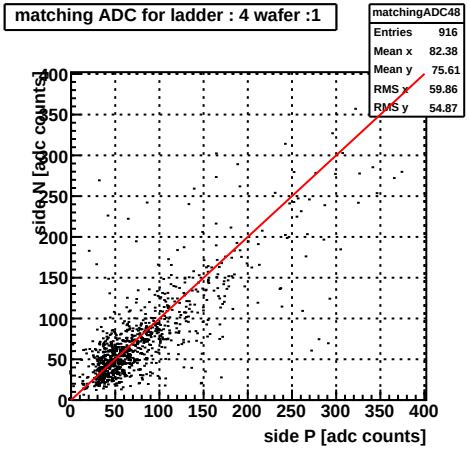

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 539
Mean x 84.69
Mean y 90.66
RMS x 58.53
RMS y 61.31
side N [adc counts]
side P [adc counts]

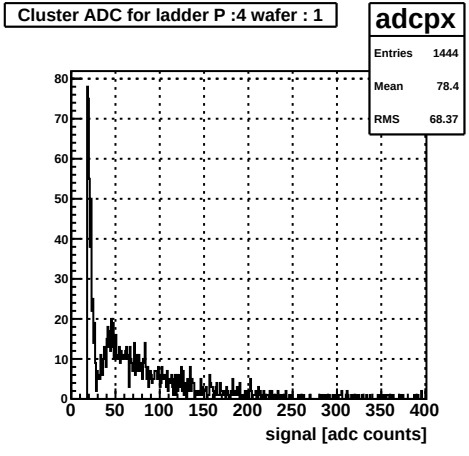

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1242
Mean 54.25
RMS 45.58
signal [adc counts]

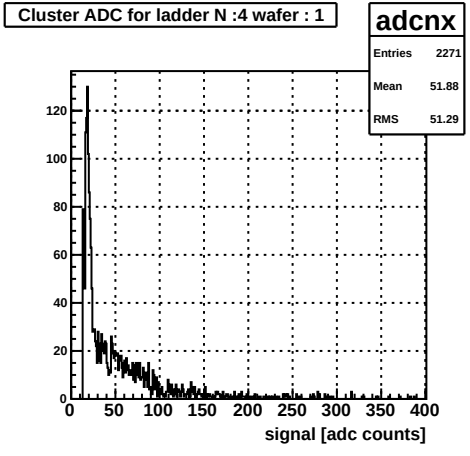

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 1991
Mean 57.4
RMS 56.87
signal [adc counts]

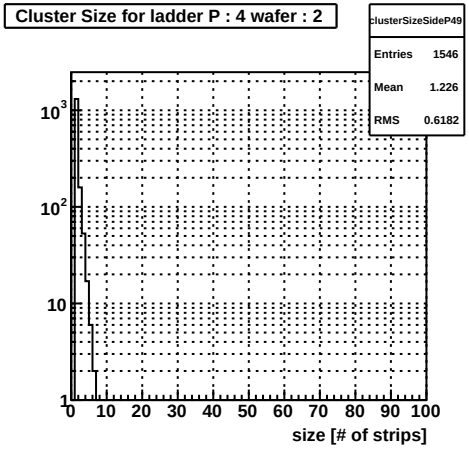

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1444
Mean 1.186
RMS 0.4811
size [# of strips]

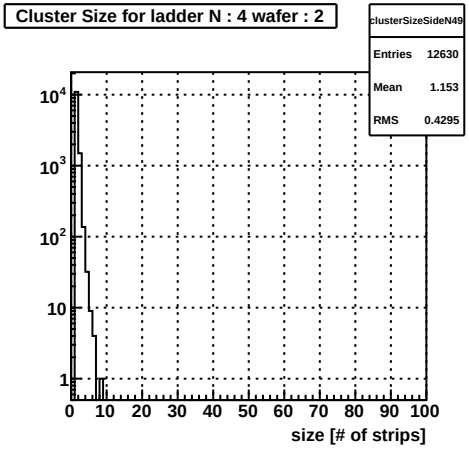

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 2271
Mean 1.456
RMS 0.9034
size [# of strips]

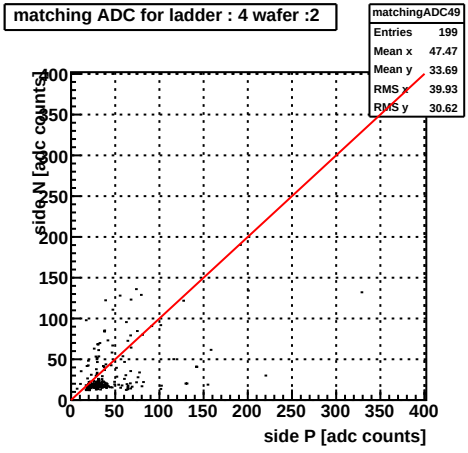

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 916
Mean x 82.38
Mean y 75.61
RMS x 59.86
RMS y 54.87
side N [adc counts]
side P [adc counts]

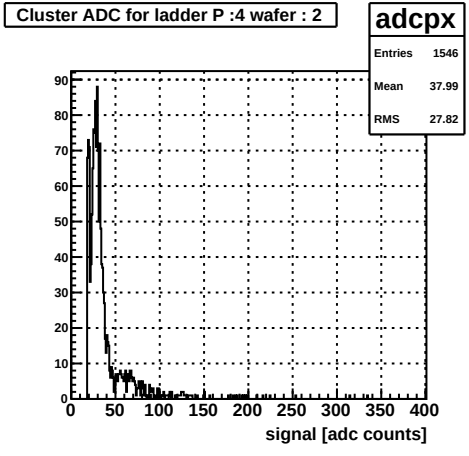

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1444
Mean 78.4
RMS 68.37
signal [adc counts]

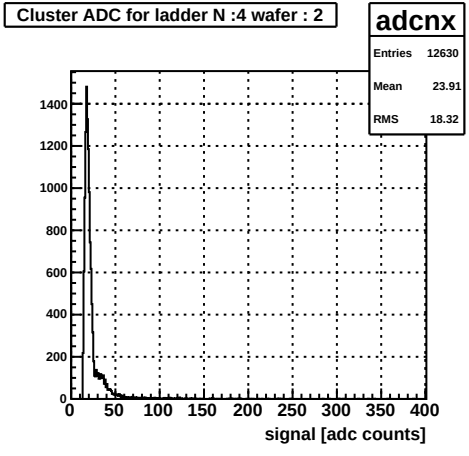

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 2271
Mean 51.88
RMS 51.29
signal [adc counts]

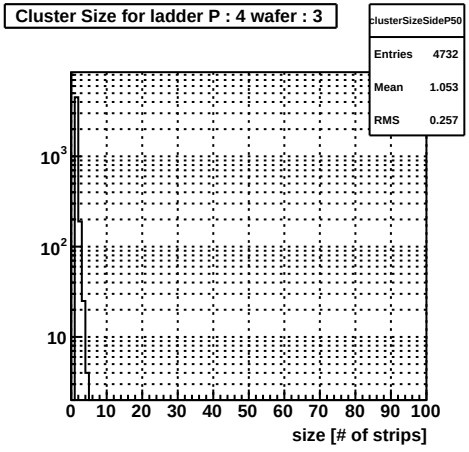

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 1546
Mean 1.226
RMS 0.6182
size [# of strips]

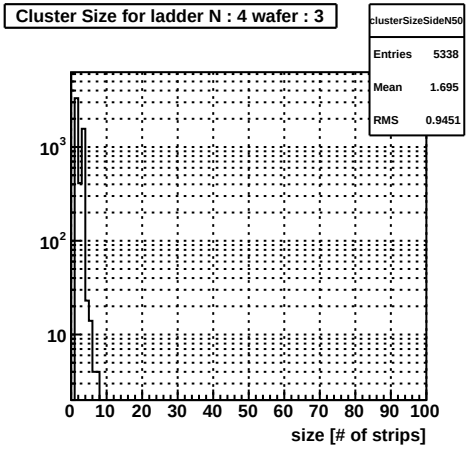

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 12630
Mean 1.153
RMS 0.4295
size [# of strips]

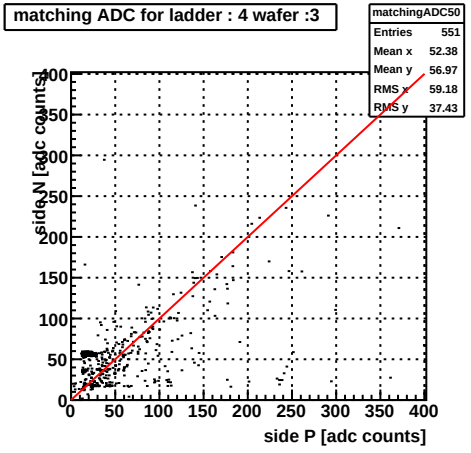

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 199
Mean x 47.47
Mean y 33.69
RMS x 39.93
RMS y 30.62
side N [adc counts]
side P [adc counts]

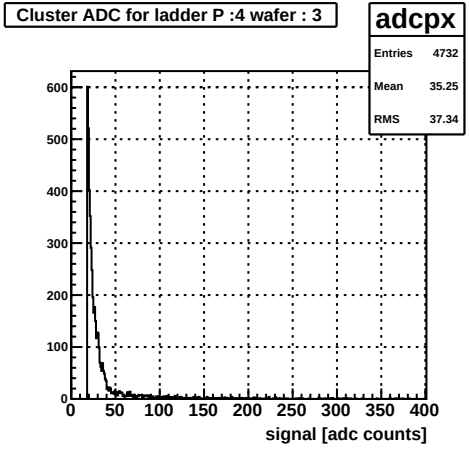

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 1546
Mean 37.99
RMS 27.82
signal [adc counts]

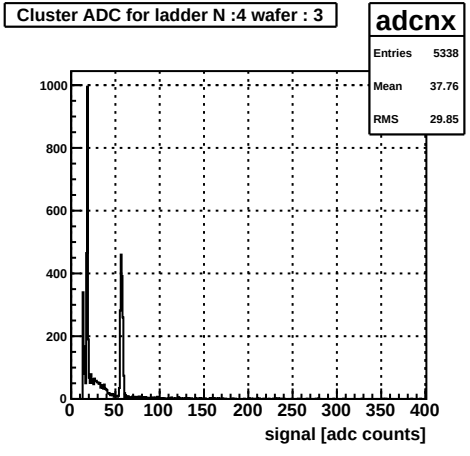

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 12630
Mean 23.91
RMS 18.32
signal [adc counts]

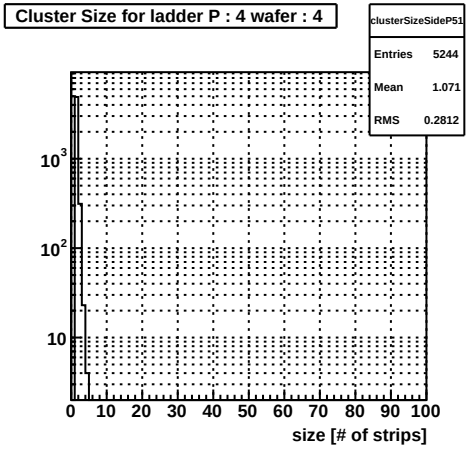

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 4732
Mean 1.053
RMS 0.257
size [# of strips]

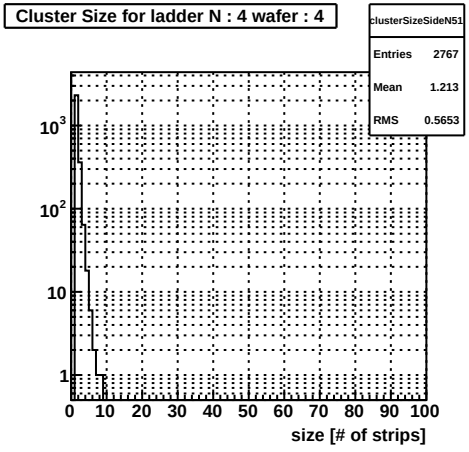

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 5338
Mean 1.695
RMS 0.9451
size [# of strips]

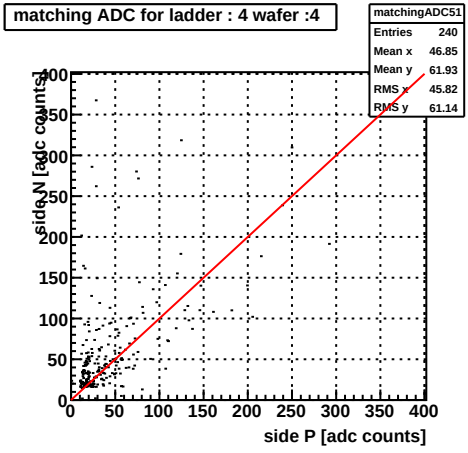

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 551
Mean x 52.38
Mean y 56.97
RMS x 59.18
RMS y 37.43
side N [adc counts]
side P [adc counts]

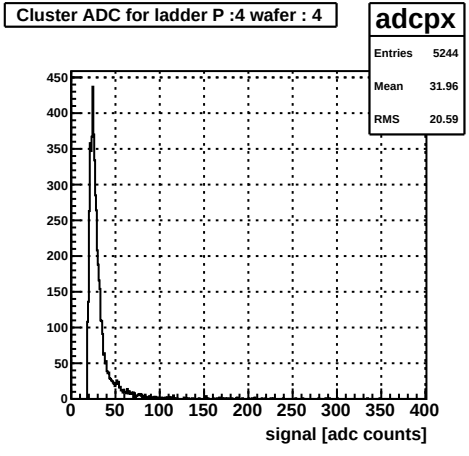

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 4732
Mean 35.25
RMS 37.34
signal [adc counts]

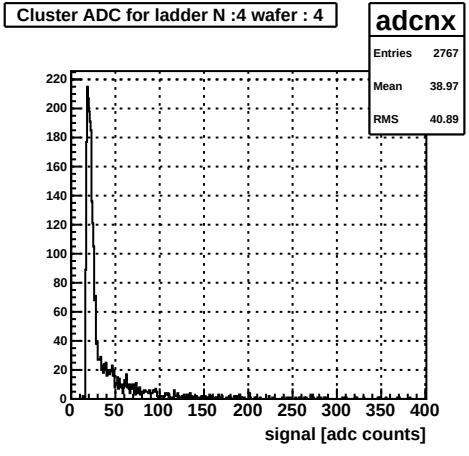

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 5338
Mean 37.76
RMS 29.85
signal [adc counts]

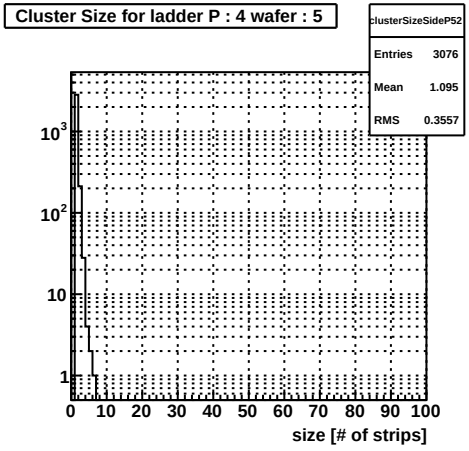

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 5244
Mean 1.071
RMS 0.2812
size [# of strips]

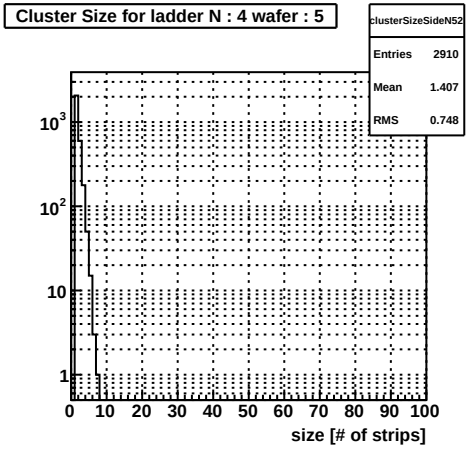

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 2767
Mean 1.213
RMS 0.5653
size [# of strips]

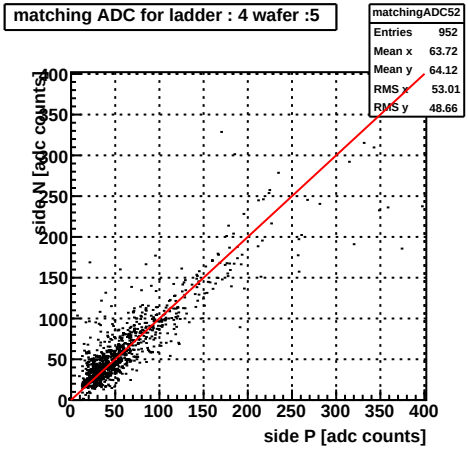

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 240
Mean x 46.85
Mean y 61.93
RMS x 45.82
RMS y 61.14
side N [adc counts]
side P [adc counts]

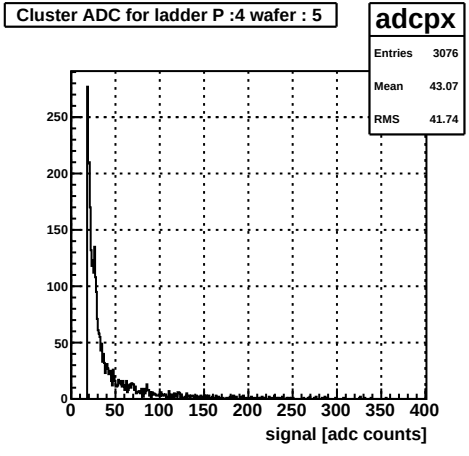

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 5244
Mean 31.96
RMS 20.59
signal [adc counts]

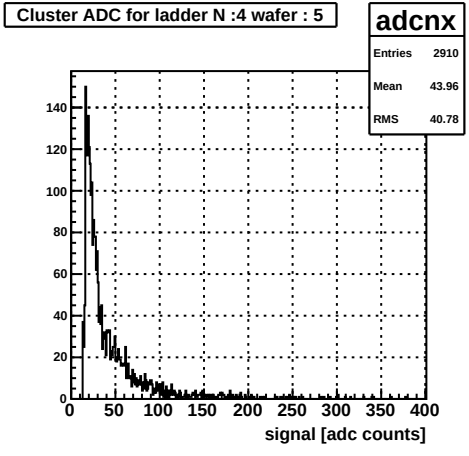

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 2767
Mean 38.97
RMS 40.89
signal [adc counts]

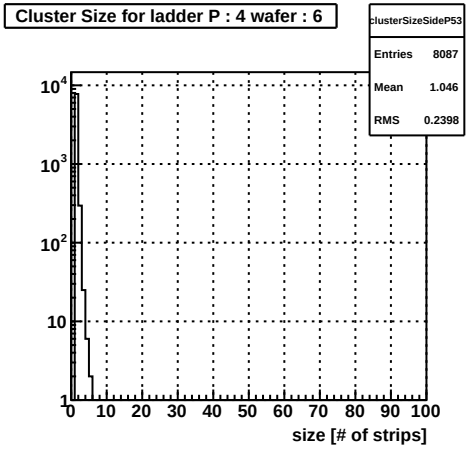

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 3076
Mean 1.095
RMS 0.3557
size [# of strips]

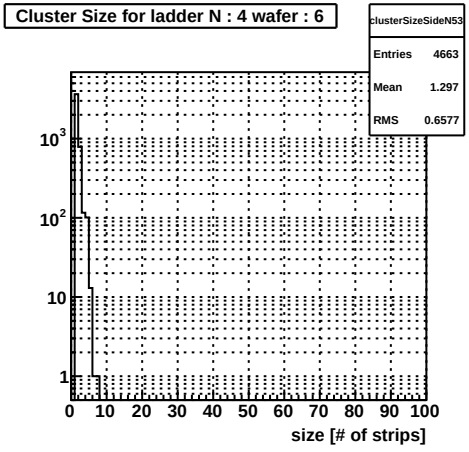

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 2910
Mean 1.407
RMS 0.748
size [# of strips]

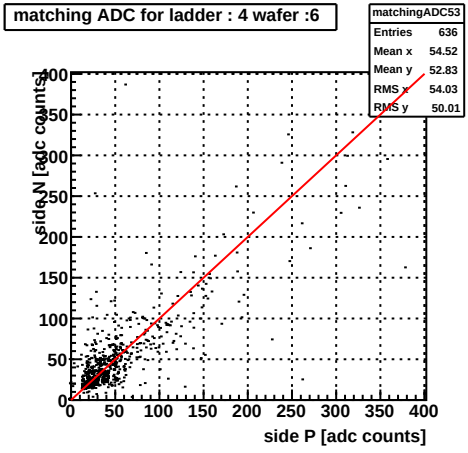

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 952
Mean x 63.72
Mean y 64.12
RMS x 53.01
RMS y 48.66
side N [adc counts]
side P [adc counts]

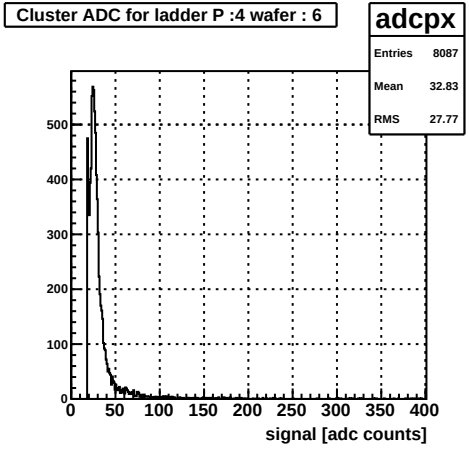

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 3076
Mean 43.07
RMS 41.74
signal [adc counts]

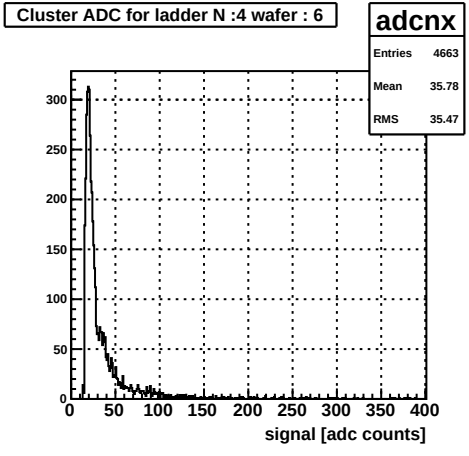

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 2910
Mean 43.96
RMS 40.78
signal [adc counts]

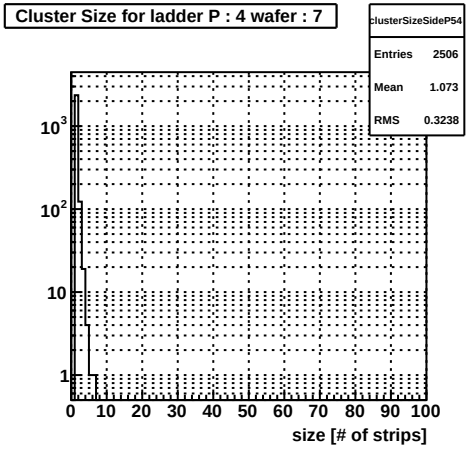

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 8087
Mean 1.046
RMS 0.2398
size [# of strips]

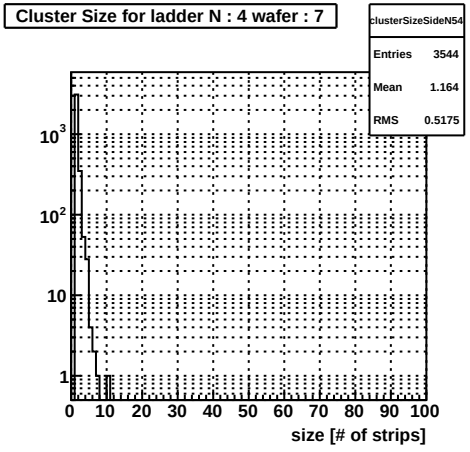

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 4663
Mean 1.297
RMS 0.6577
size [# of strips]

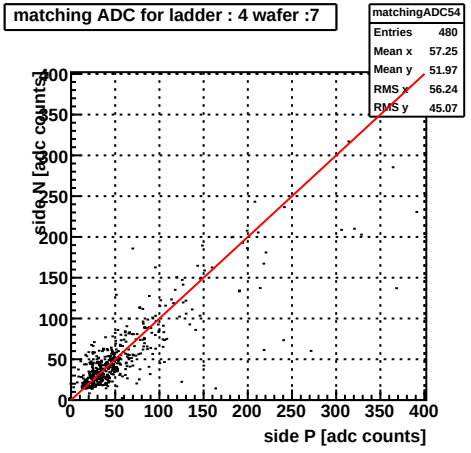

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 636
Mean x 54.52
Mean y 52.83
RMS x 54.03
RMS y 50.01
side N [adc counts]
side P [adc counts]

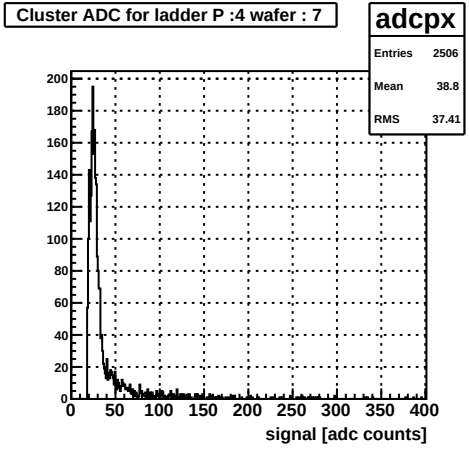

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 8087
Mean 32.83
RMS 27.77
signal [adc counts]

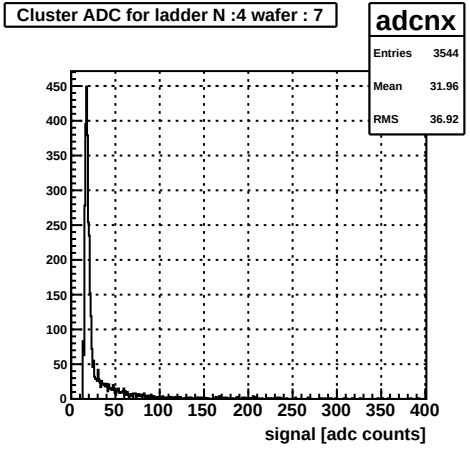

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 4663
Mean 35.78
RMS 35.47
signal [adc counts]

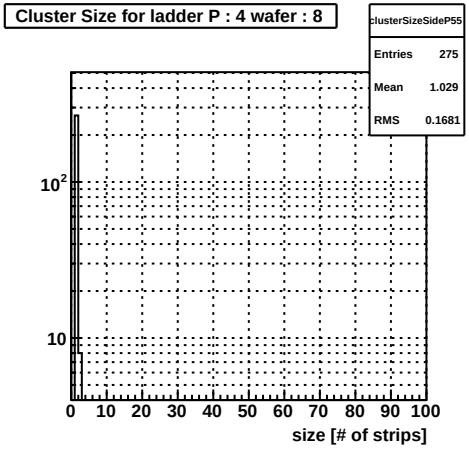

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 2506
Mean 1.073
RMS 0.3238
size [# of strips]

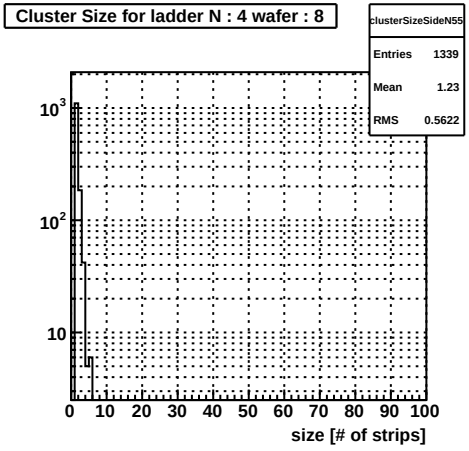

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 3544
Mean 1.164
RMS 0.5175
size [# of strips]

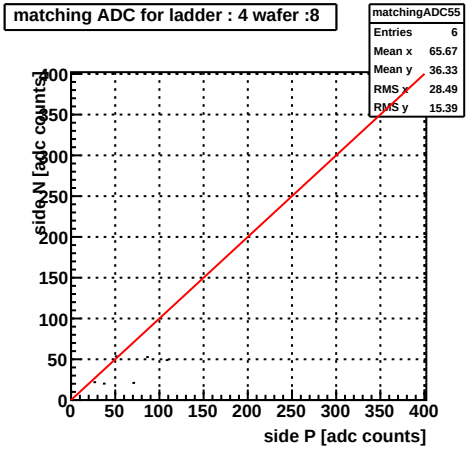

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 480
Mean x 57.25
Mean y 51.97
RMS x 56.24
RMS y 45.07
side N [adc counts]
side P [adc counts]

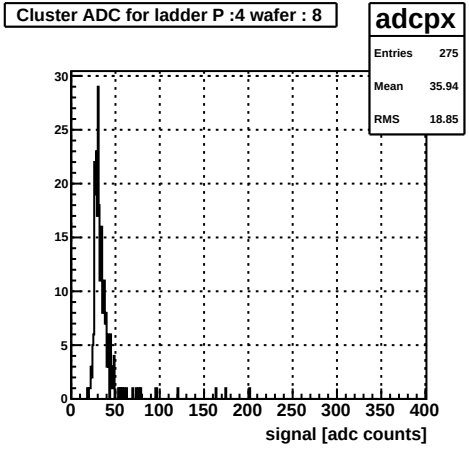

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 2506
Mean 38.8
RMS 37.41
signal [adc counts]

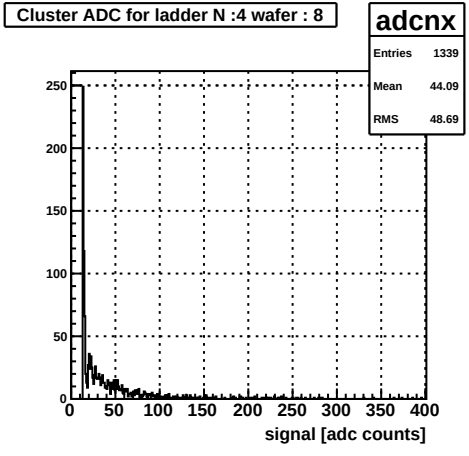

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 3544
Mean 31.96
RMS 36.92
signal [adc counts]

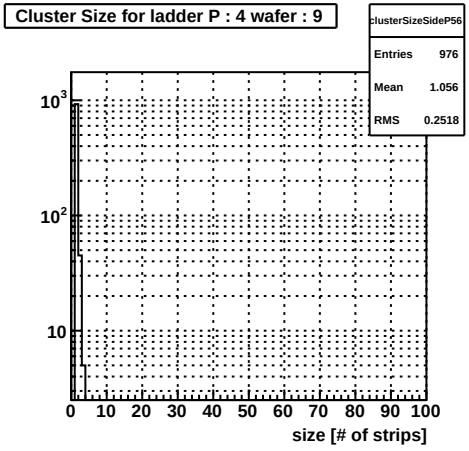

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 275
Mean 1.029
RMS 0.1681
size [# of strips]

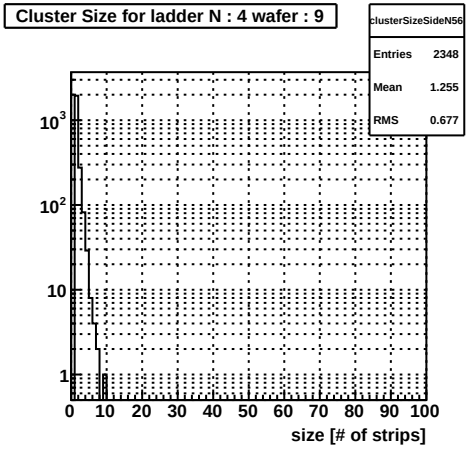

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 1339
Mean 1.23
RMS 0.5622
size [# of strips]

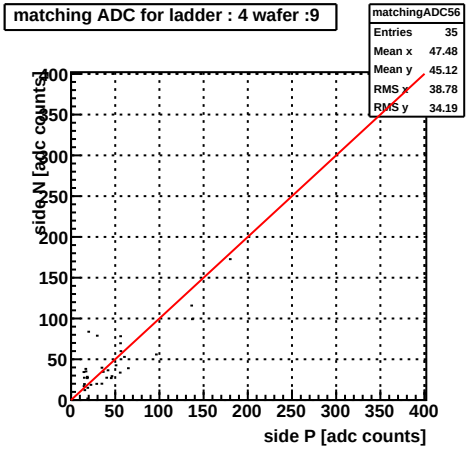

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 6
Mean x 65.67
Mean y 36.33
RMS x 28.49
RMS y 15.39
side N [adc counts]
side P [adc counts]

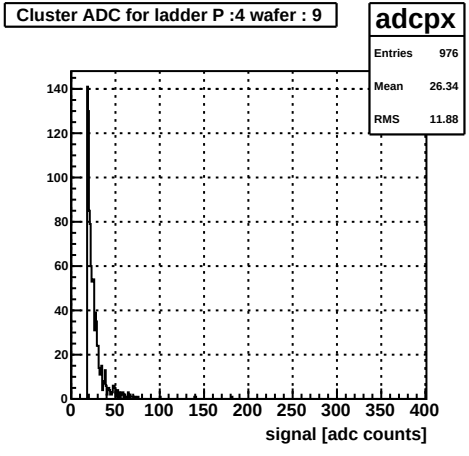

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 275
Mean 35.94
RMS 18.85
signal [adc counts]

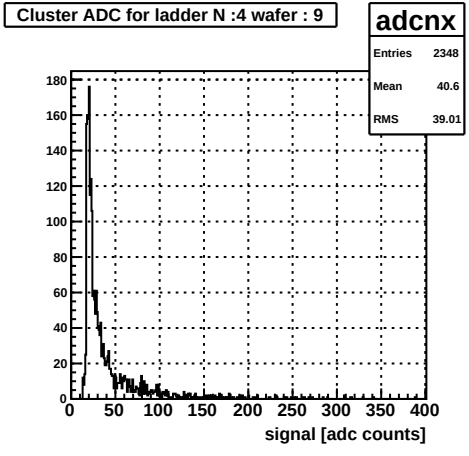

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 1339
Mean 44.09
RMS 48.69
signal [adc counts]

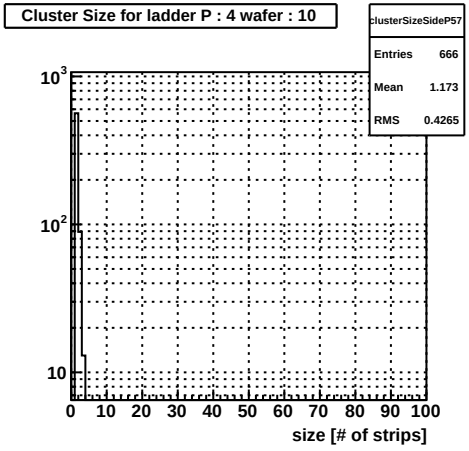

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 976
Mean 1.056
RMS 0.2518
size [# of strips]

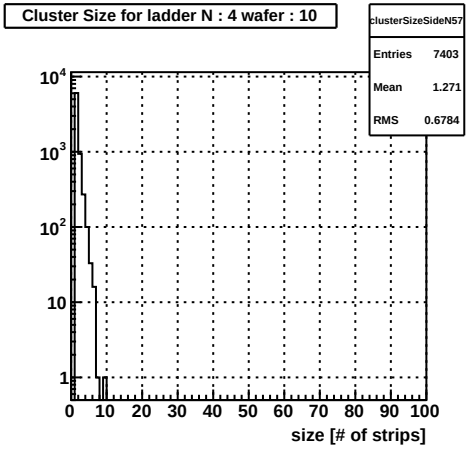

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 2348
Mean 1.255
RMS 0.677
size [# of strips]

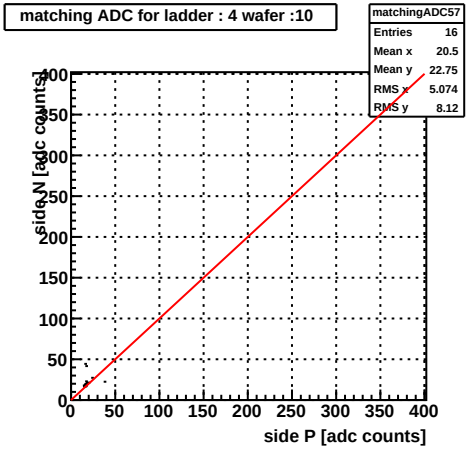

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 35
Mean x 47.48
Mean y 45.12
RMS x 38.78
RMS y 34.19
side N [adc counts]
side P [adc counts]

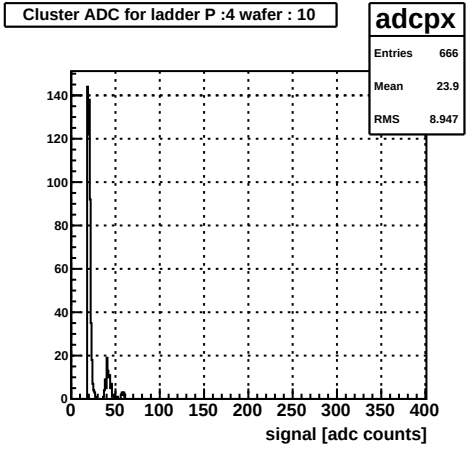

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 976
Mean 26.34
RMS 11.88
signal [adc counts]

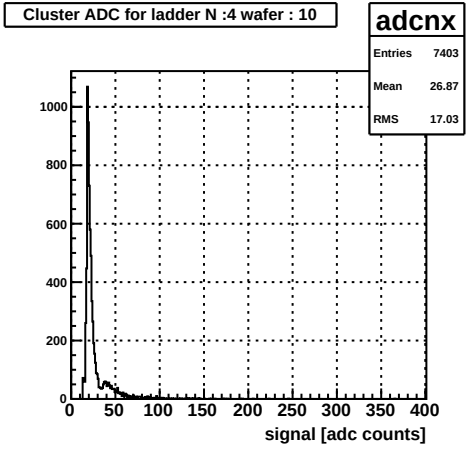

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 2348
Mean 40.6
RMS 39.01
signal [adc counts]

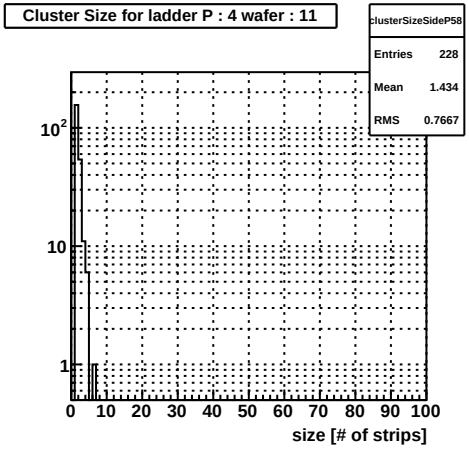

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 666
Mean 1.173
RMS 0.4265
size [# of strips]

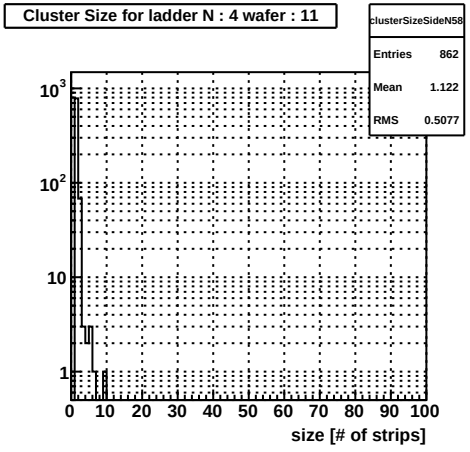

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 7403
Mean 1.271
RMS 0.6784
size [# of strips]

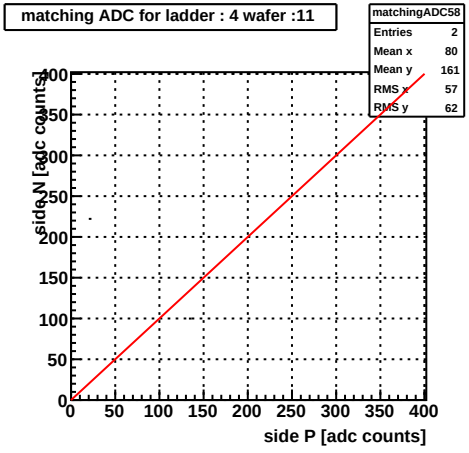

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 16
Mean x 20.5
Mean y 22.75
RMS x 5.074
RMS y 8.12
side N [adc counts]
side P [adc counts]

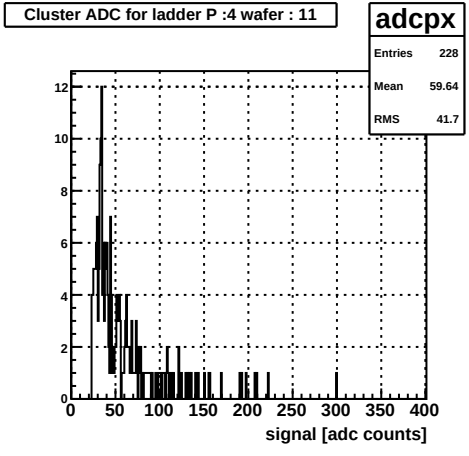

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 666
Mean 23.9
RMS 8.947
signal [adc counts]

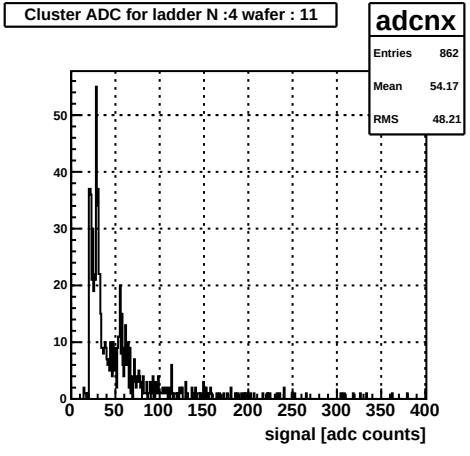

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 7403
Mean 26.87
RMS 17.03
signal [adc counts]

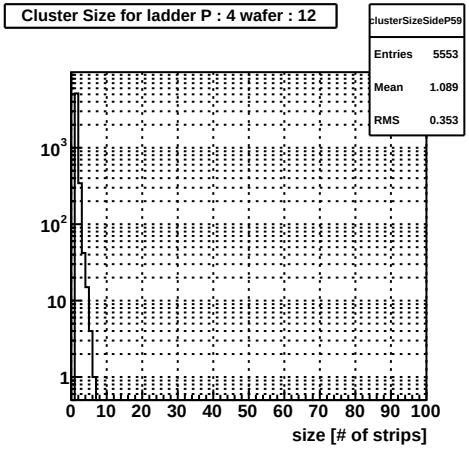

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 228
Mean 1.434
RMS 0.7667
size [# of strips]

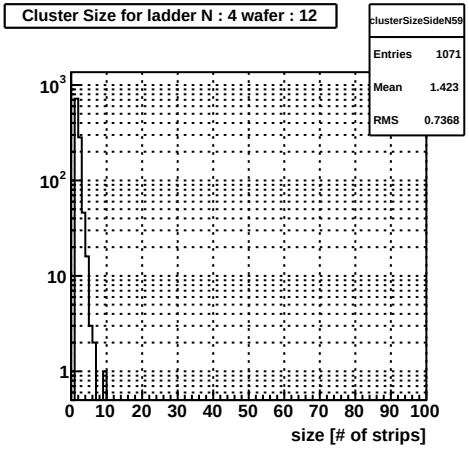

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 862
Mean 1.122
RMS 0.5077
size [# of strips]

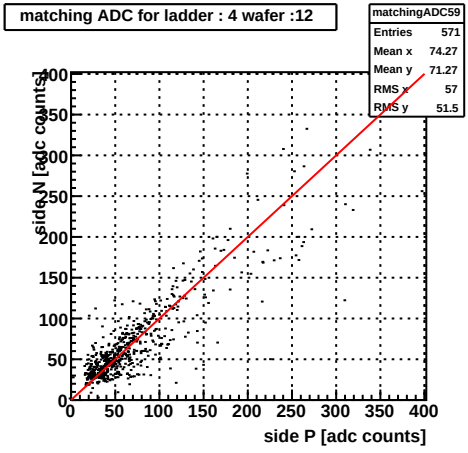

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 2
Mean x 80
Mean y 161
RMS x 57
RMS y 62
side N [adc counts]
side P [adc counts]

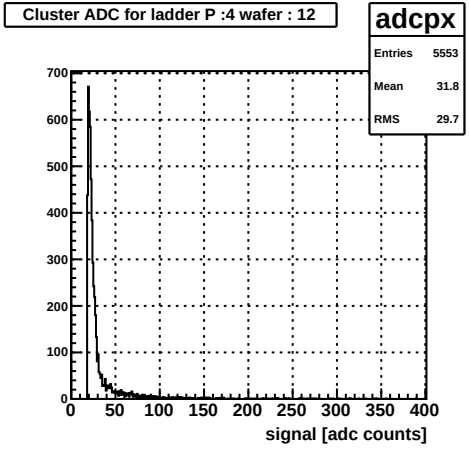

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 228
Mean 59.64
RMS 41.7
signal [adc counts]

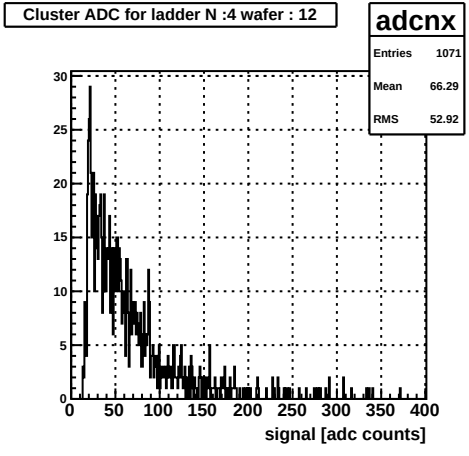

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 862
Mean 54.17
RMS 48.21
signal [adc counts]

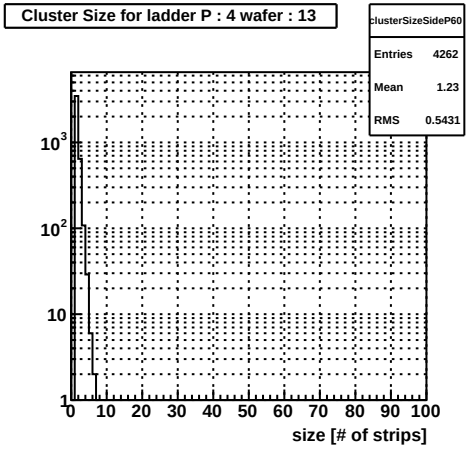

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 5553
Mean 1.089
RMS 0.353
size [# of strips]

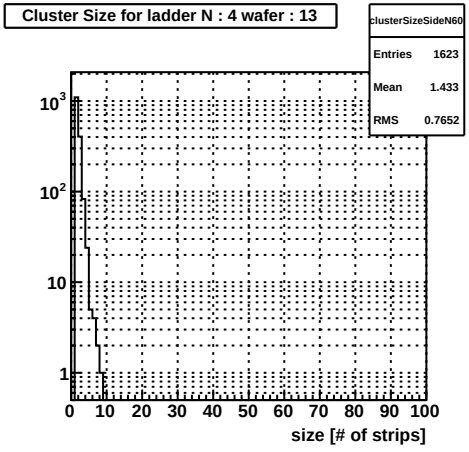

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1071
Mean 1.423
RMS 0.7368
size [# of strips]

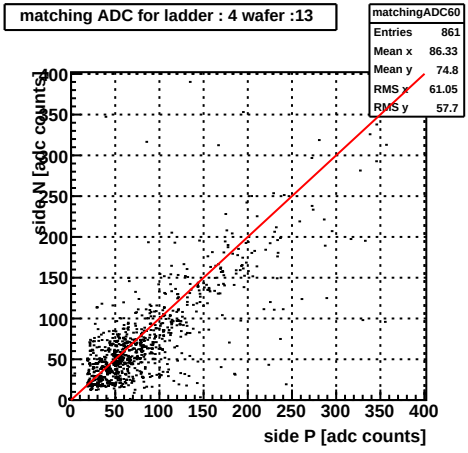

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 571
Mean x 74.27
Mean y 71.27
RMS x 57
RMS y 51.5
side N [adc counts]
side P [adc counts]

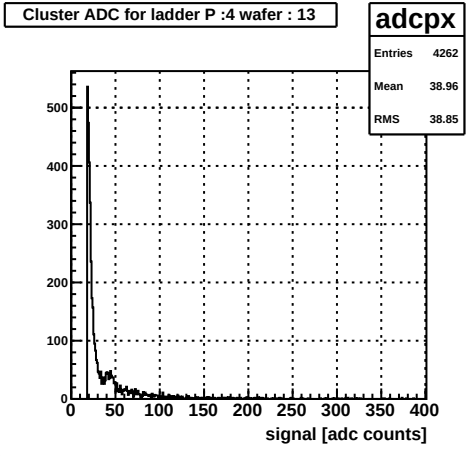

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 5553
Mean 31.8
RMS 29.7
signal [adc counts]

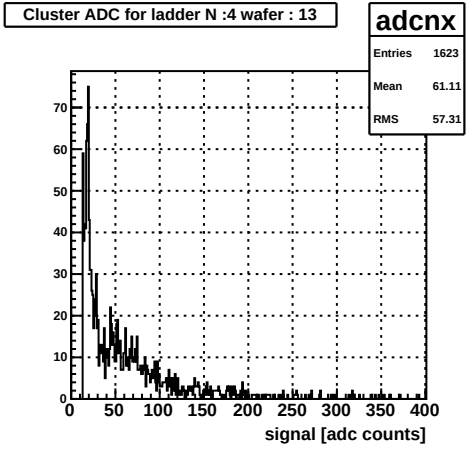

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1071
Mean 66.29
RMS 52.92
signal [adc counts]

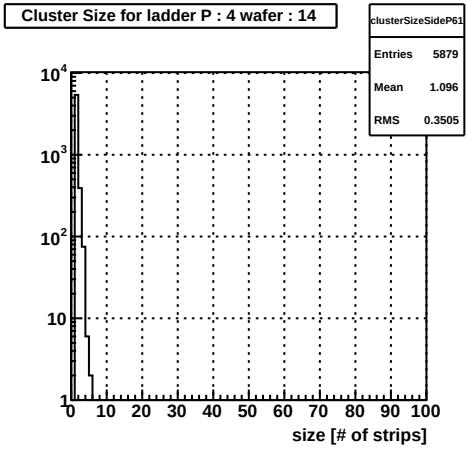

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 4262
Mean 1.23
RMS 0.5431
size [# of strips]

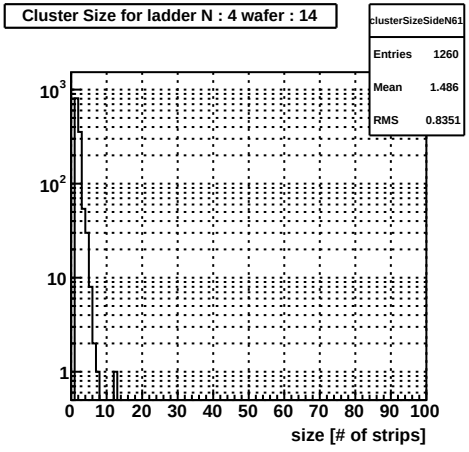

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1623
Mean 1.433
RMS 0.7652
size [# of strips]

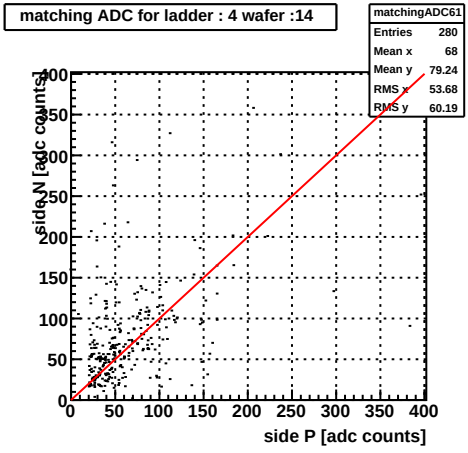

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 861
Mean x 86.33
Mean y 74.8
RMS x 61.05
RMS y 57.7
side N [adc counts]
side P [adc counts]

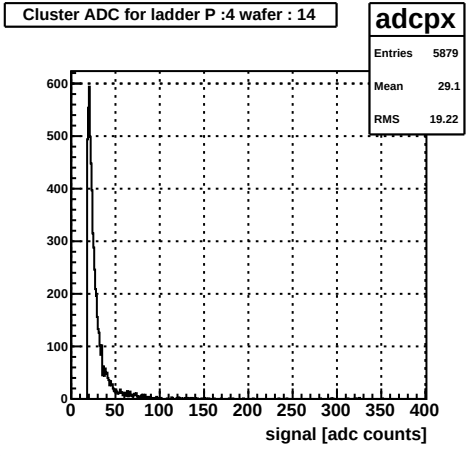

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 4262
Mean 38.96
RMS 38.85
signal [adc counts]

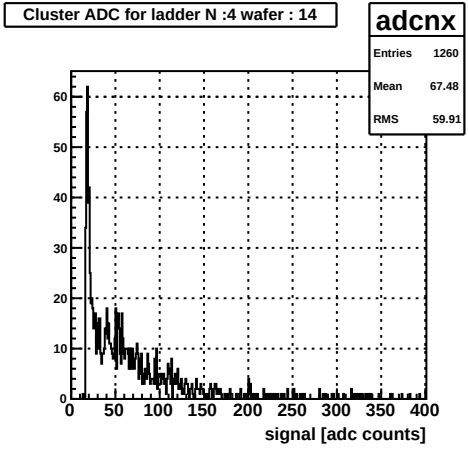

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1623
Mean 61.11
RMS 57.31
signal [adc counts]

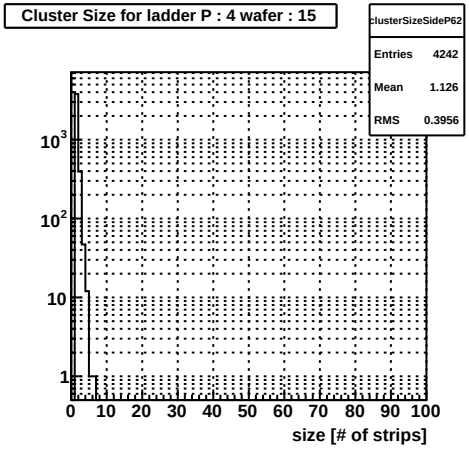

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 5879
Mean 1.096
RMS 0.3505
size [# of strips]

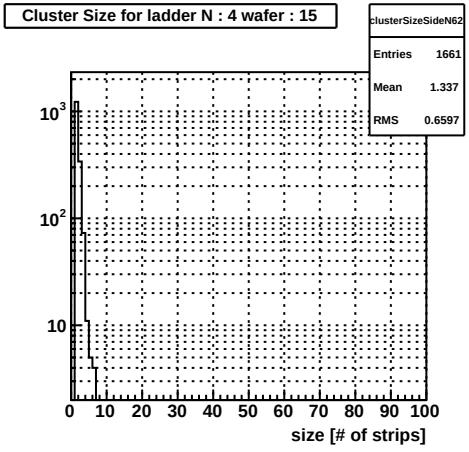

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1260
Mean 1.486
RMS 0.8351
size [# of strips]

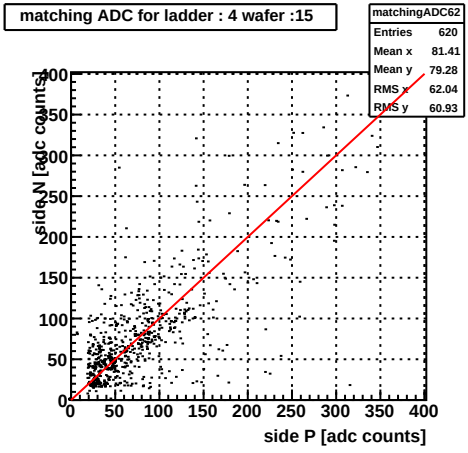

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 280
Mean x 68
Mean y 79.24
RMS x 53.68
RMS y 60.19
side N [adc counts]
side P [adc counts]

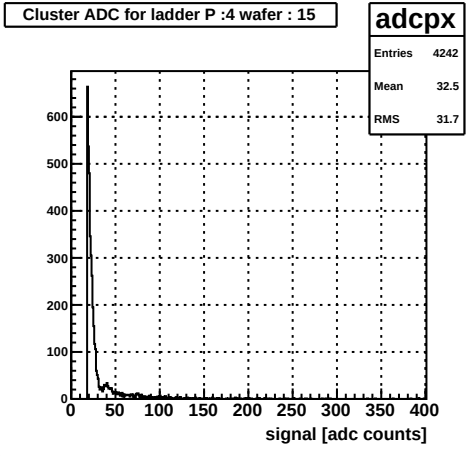

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 5879
Mean 29.1
RMS 19.22
signal [adc counts]

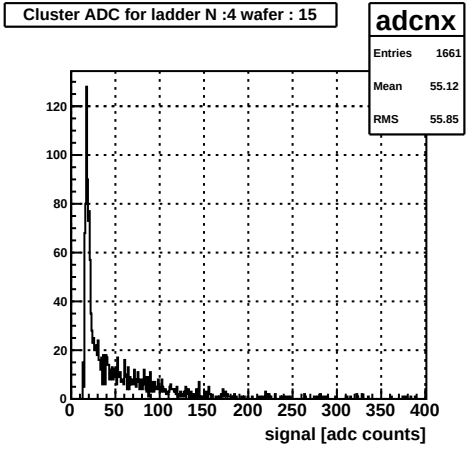

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1260
Mean 67.48
RMS 59.91
signal [adc counts]

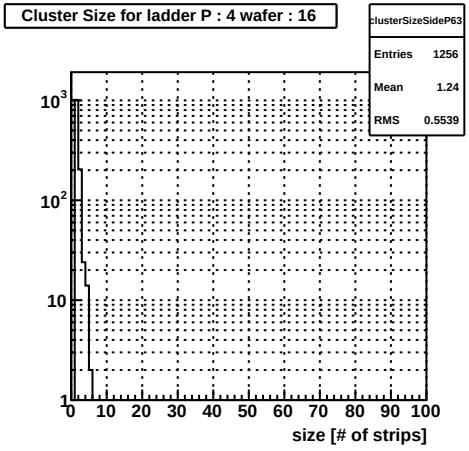

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 4242
Mean 1.126
RMS 0.3956
size [# of strips]

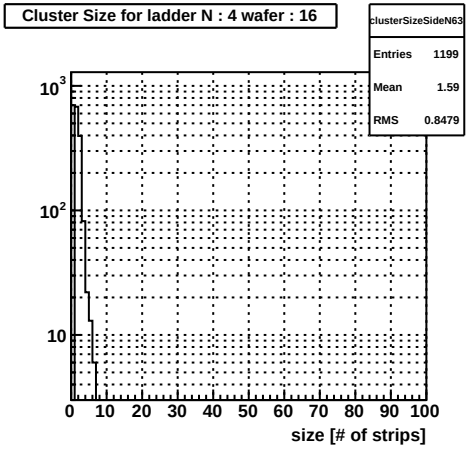

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 1661
Mean 1.337
RMS 0.6597
size [# of strips]

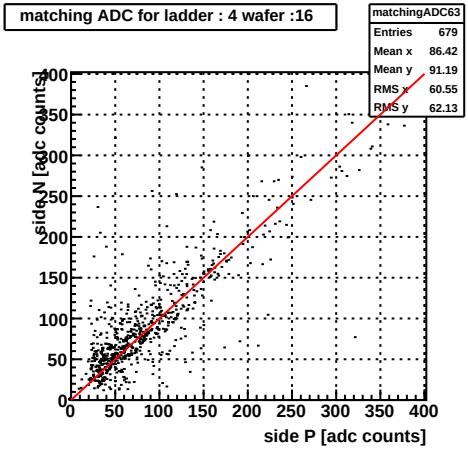

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 620
Mean x 81.41
Mean y 79.28
RMS x 62.04
RMS y 60.93
side N [adc counts]
side P [adc counts]

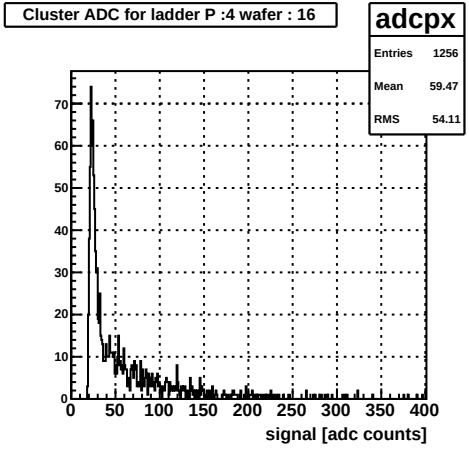

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 4242
Mean 32.5
RMS 31.7
signal [adc counts]

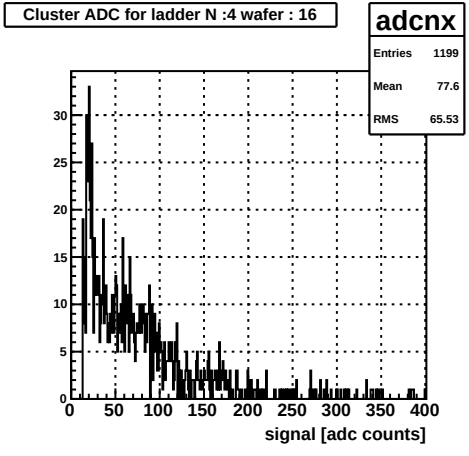

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 1661
Mean 55.12
RMS 55.85
signal [adc counts]

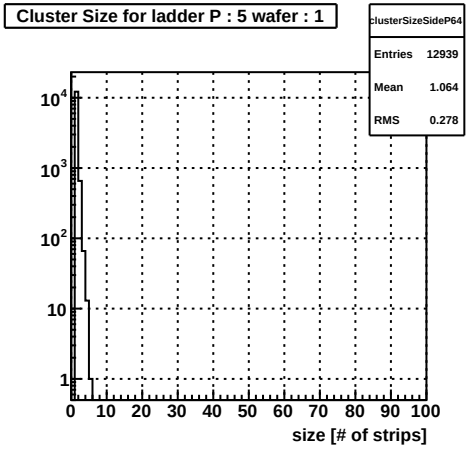

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1256
Mean 1.24
RMS 0.5539
size [# of strips]

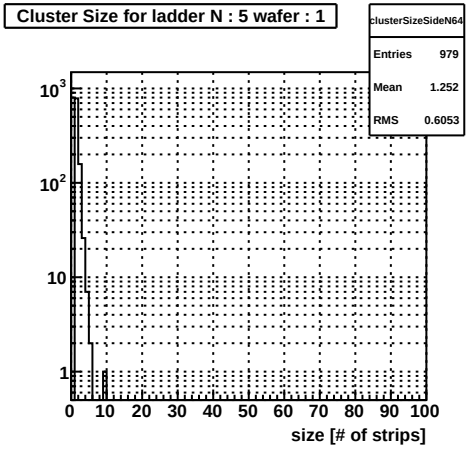

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1199
Mean 1.59
RMS 0.8479
size [# of strips]

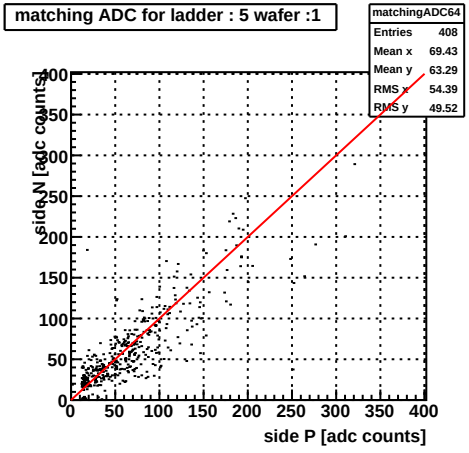

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 679
Mean x 86.42
Mean y 91.19
RMS x 60.55
RMS y 62.13
side N [adc counts]
side P [adc counts]

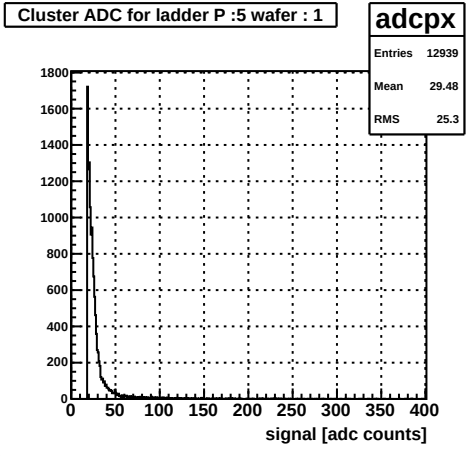

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1256
Mean 59.47
RMS 54.11
signal [adc counts]

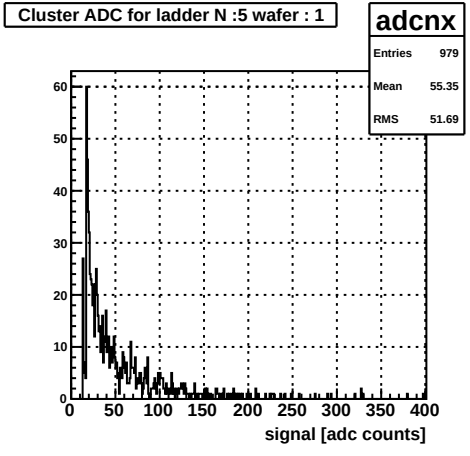

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1199
Mean 77.6
RMS 65.53
signal [adc counts]

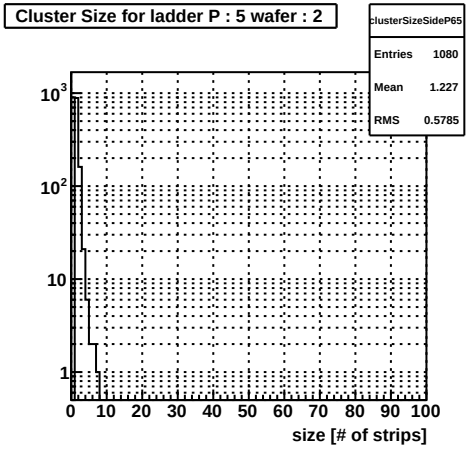

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 12939
Mean 1.064
RMS 0.278
size [# of strips]

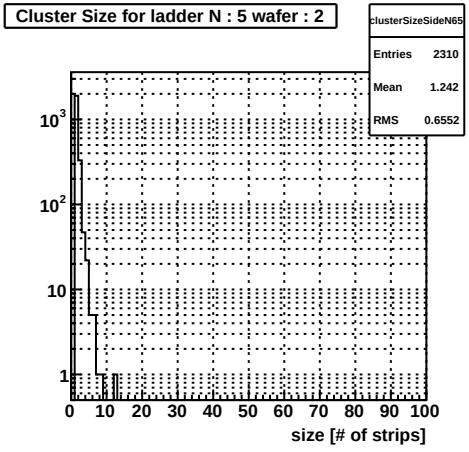

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 979
Mean 1.252
RMS 0.6053
size [# of strips]

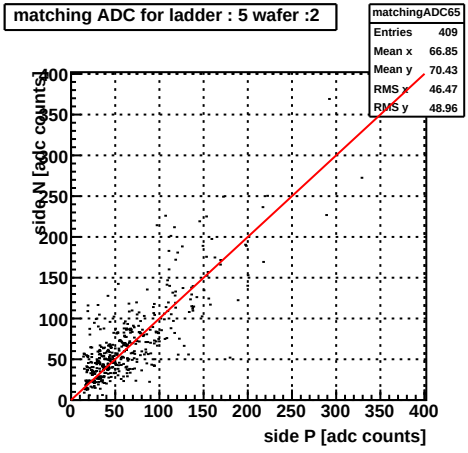

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 408
Mean x 69.43
Mean y 63.29
RMS x 54.39
RMS y 49.52
side N [adc counts]
side P [adc counts]

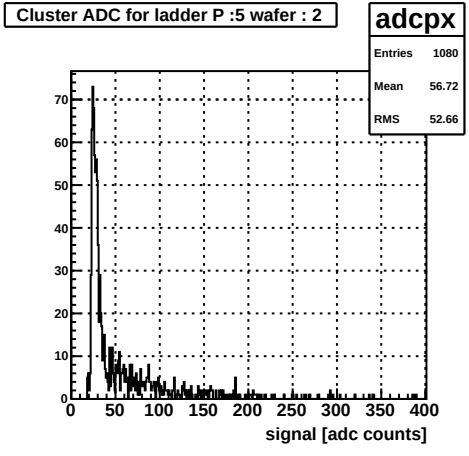

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 12939
Mean 29.48
RMS 25.3
signal [adc counts]

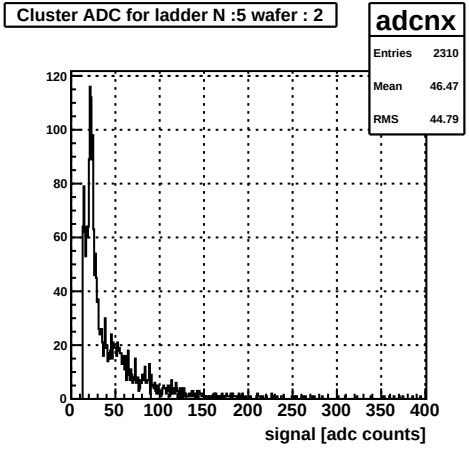

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 979
Mean 55.35
RMS 51.69
signal [adc counts]

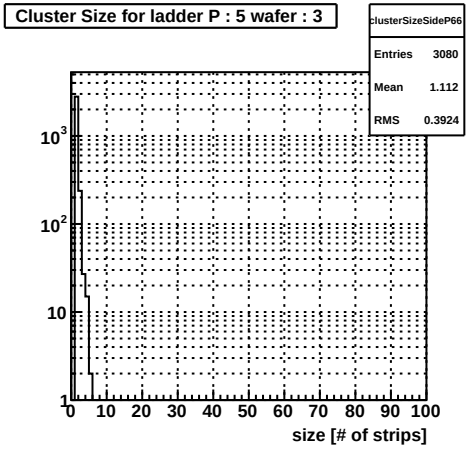

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1080
Mean 1.227
RMS 0.5785
size [# of strips]

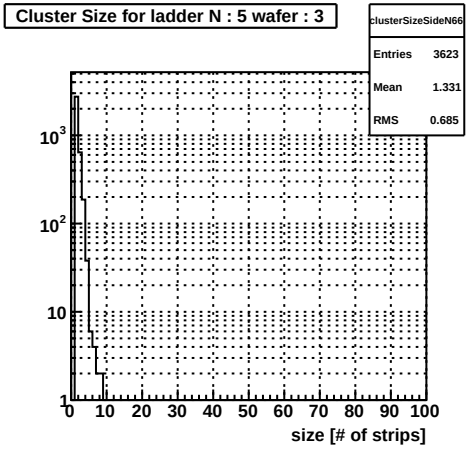

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 2310
Mean 1.242
RMS 0.6552
size [# of strips]

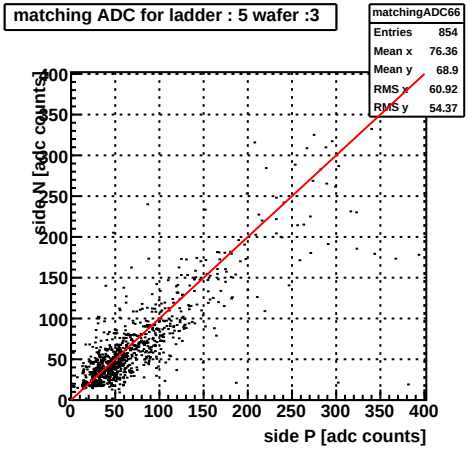

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 409
Mean x 66.85
Mean y 70.43
RMS x 46.47
RMS y 48.96
side N [adc counts]
side P [adc counts]

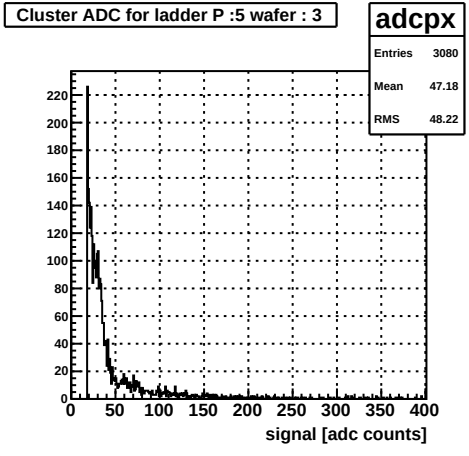

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1080
Mean 56.72
RMS 52.66
signal [adc counts]

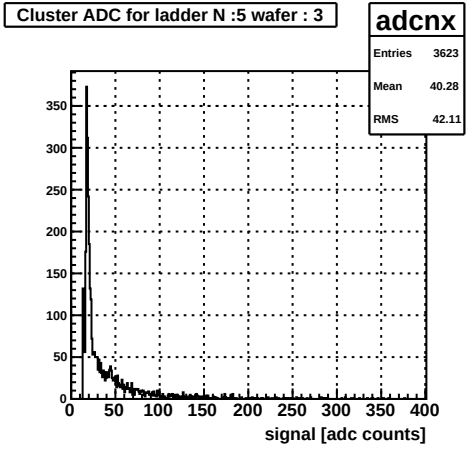

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 2310
Mean 46.47
RMS 44.79
signal [adc counts]

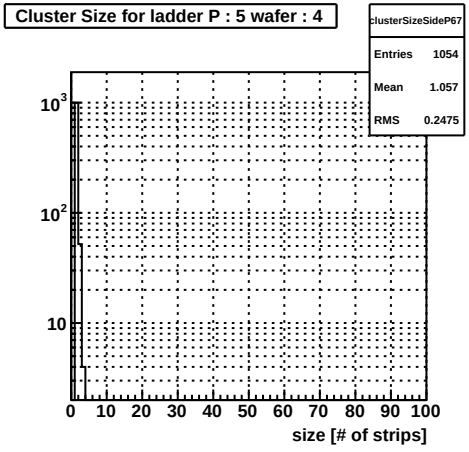

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 3080
Mean 1.112
RMS 0.3924
size [# of strips]

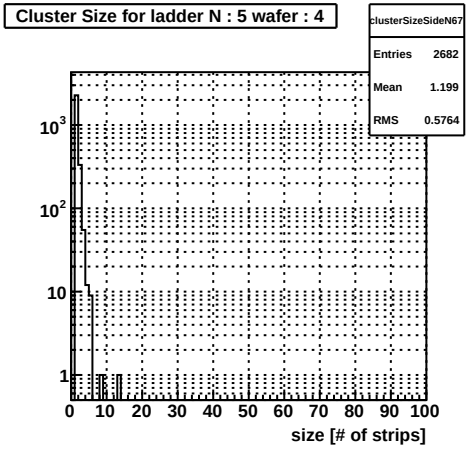

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 3623
Mean 1.331
RMS 0.685
size [# of strips]

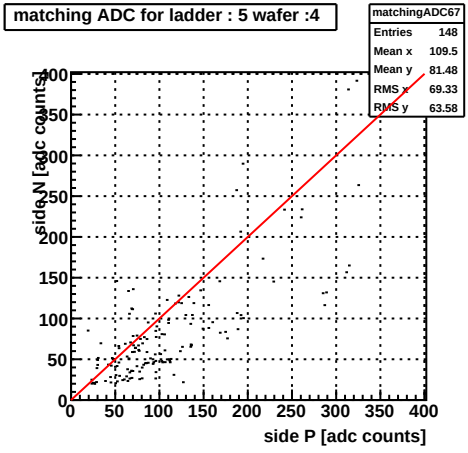

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 854
Mean x 76.36
Mean y 68.9
RMS x 60.92
RMS y 54.37
side N [adc counts]
side P [adc counts]

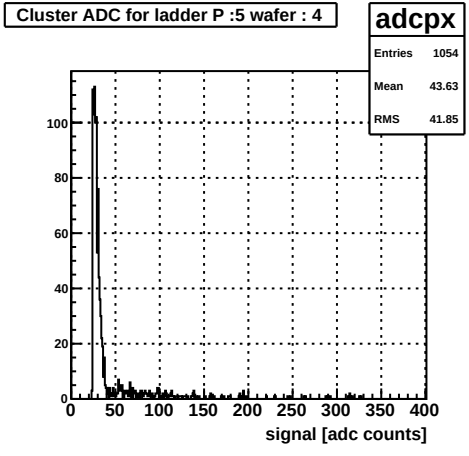

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 3080
Mean 47.18
RMS 48.22
signal [adc counts]

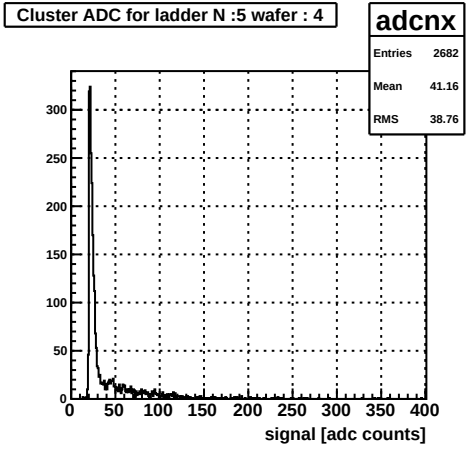

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 3623
Mean 40.28
RMS 42.11
signal [adc counts]

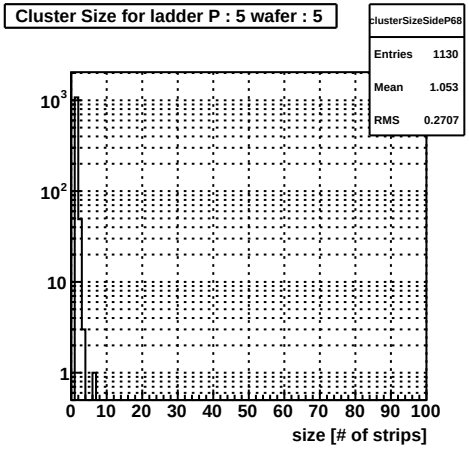

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 1054
Mean 1.057
RMS 0.2475
size [# of strips]

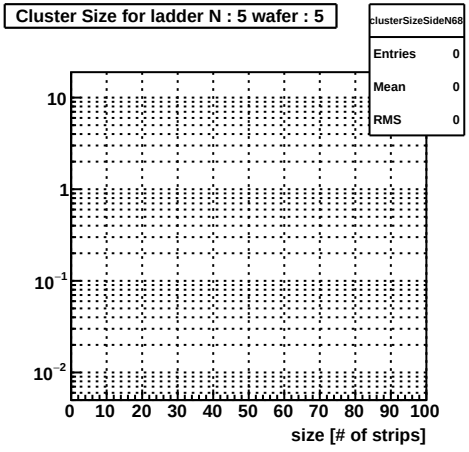

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 2682
Mean 1.199
RMS 0.5764
size [# of strips]

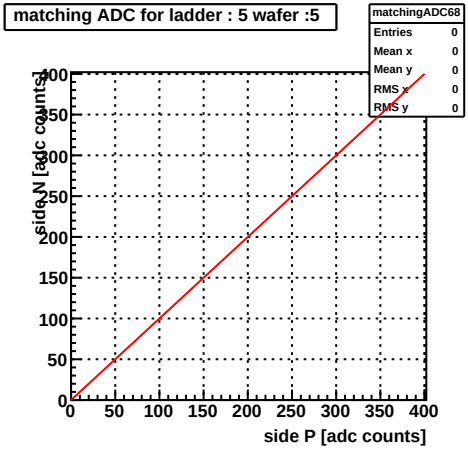

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 148
Mean x 109.5
Mean y 81.48
RMS x 69.33
RMS y 63.58
side N [adc counts]
side P [adc counts]

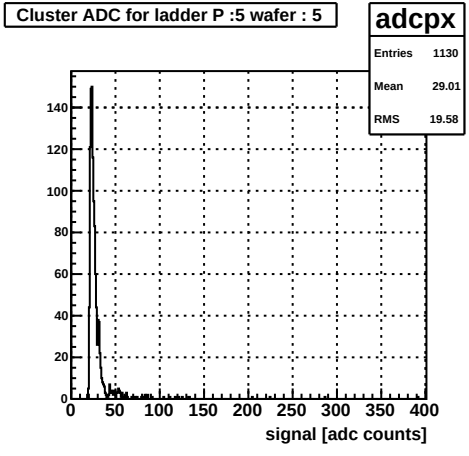

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 1054
Mean 43.63
RMS 41.85
signal [adc counts]

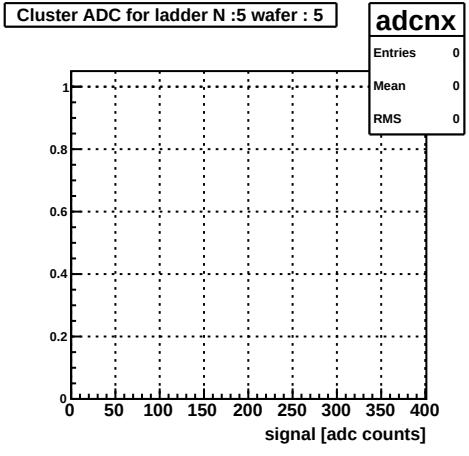

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 2682
Mean 41.16
RMS 38.76
signal [adc counts]

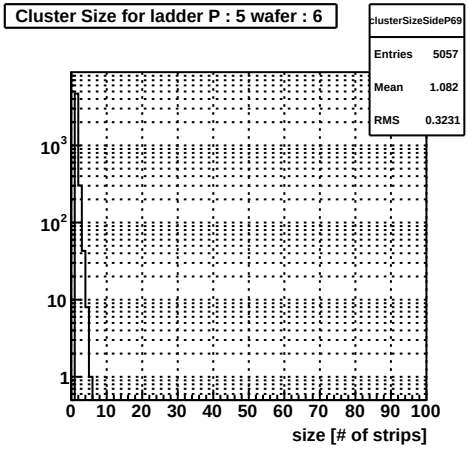

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 1130
Mean 1.053
RMS 0.2707
size [# of strips]

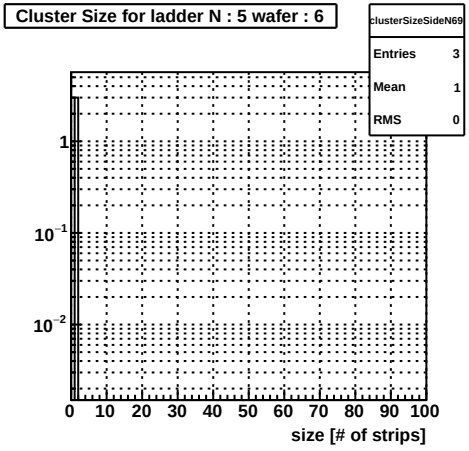

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 0
Mean 0
RMS 0
size [# of strips]

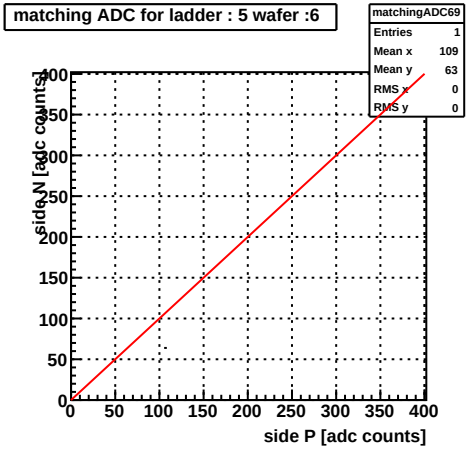

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

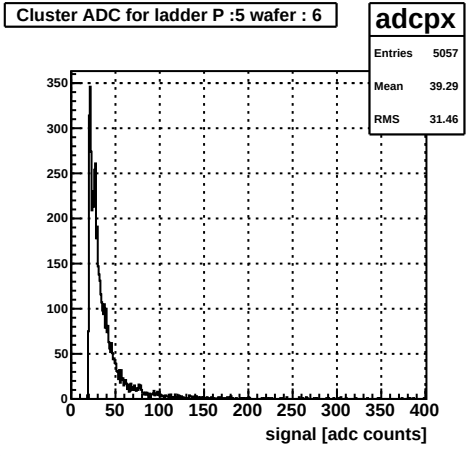

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 1130
Mean 29.01
RMS 19.58
signal [adc counts]

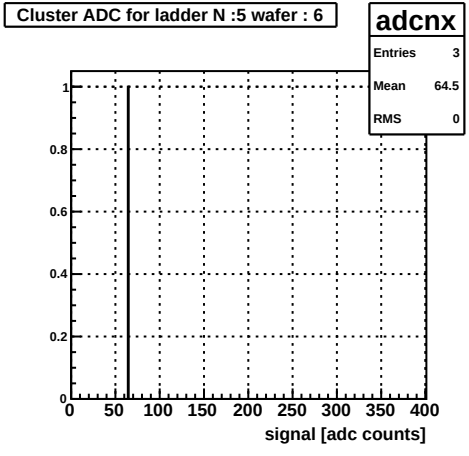

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

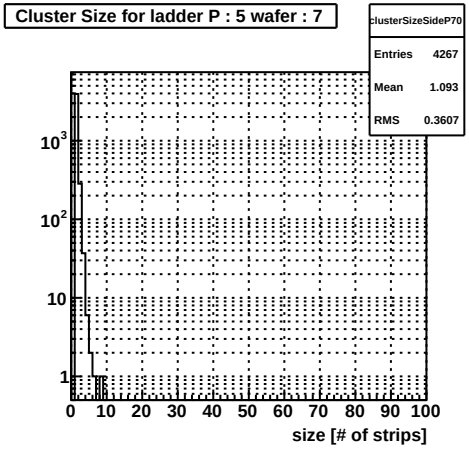

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 5057
Mean 1.082
RMS 0.3231
size [# of strips]

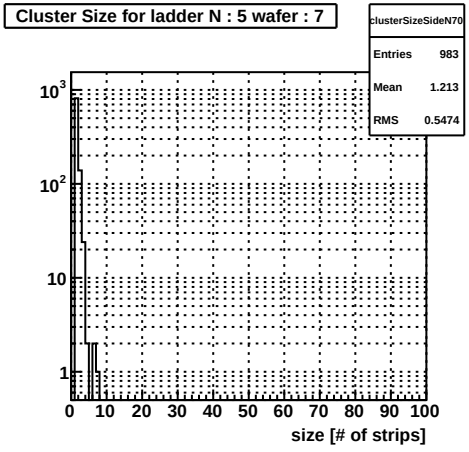

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 3
Mean 1
RMS 0
size [# of strips]

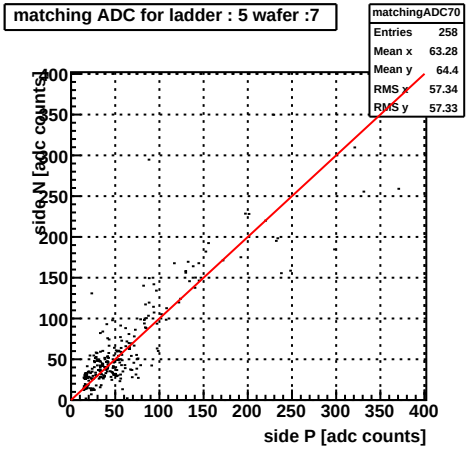

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 1
Mean x 109
Mean y 63
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

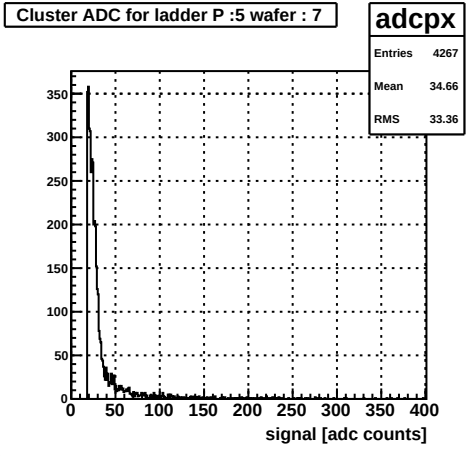

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 5057
Mean 39.29
RMS 31.46
signal [adc counts]

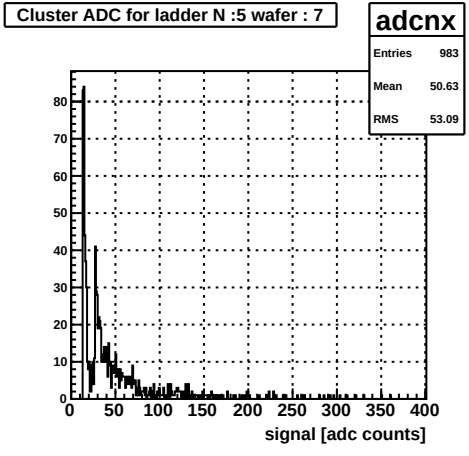

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 3
Mean 64.5
RMS 0
signal [adc counts]

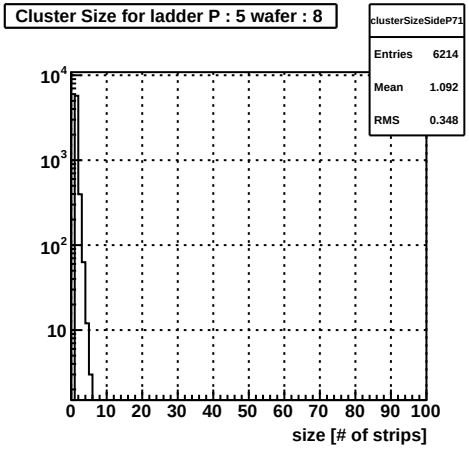

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 4267
Mean 1.093
RMS 0.3607
size [# of strips]

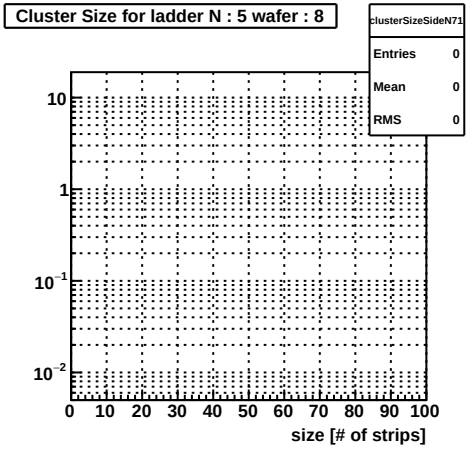

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 983
Mean 1.213
RMS 0.5474
size [# of strips]

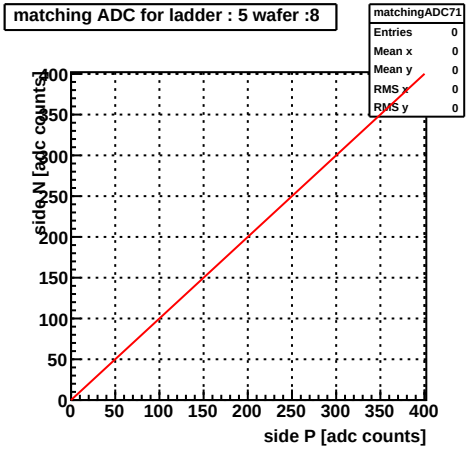

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 258
Mean x 63.28
Mean y 64.4
RMS x 57.34
RMS y 57.33
side N [adc counts]
side P [adc counts]

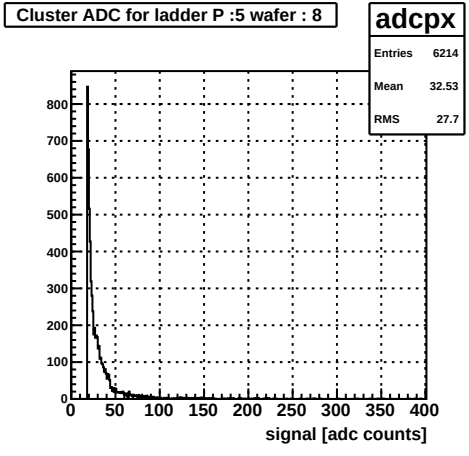

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 4267
Mean 34.66
RMS 33.36
signal [adc counts]

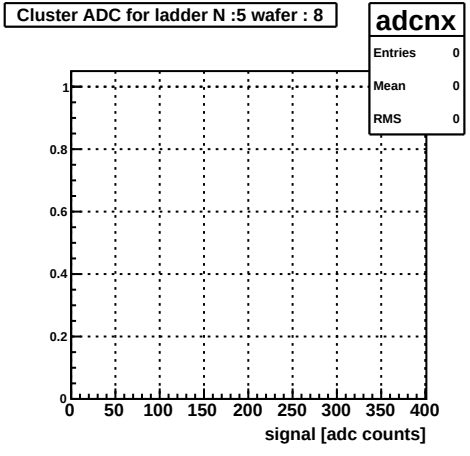

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 983
Mean 50.63
RMS 53.09
signal [adc counts]

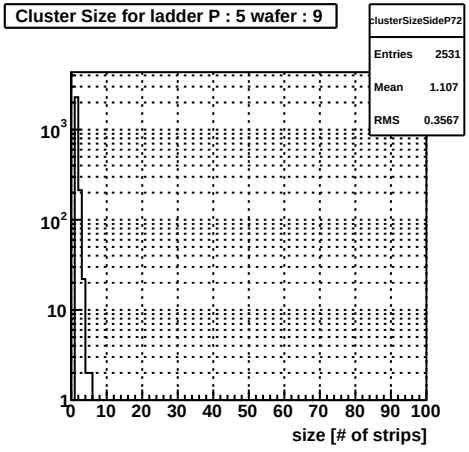

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 6214
Mean 1.092
RMS 0.348
size [# of strips]

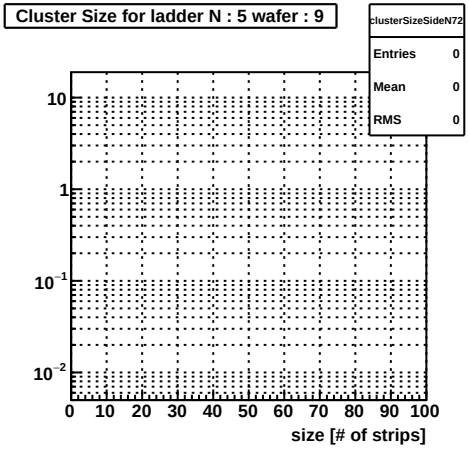

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

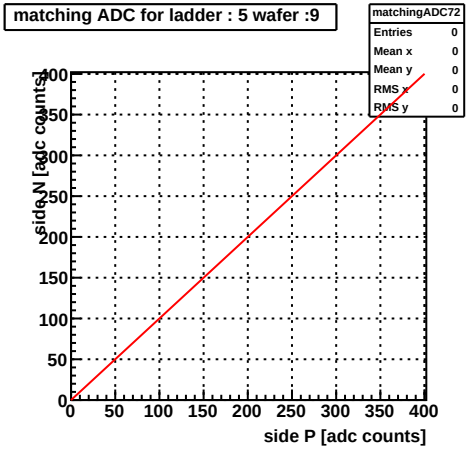

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

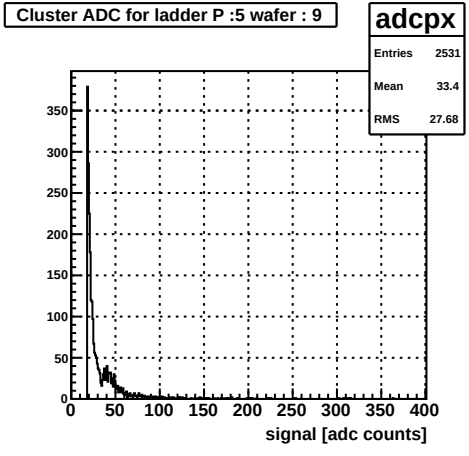

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 6214
Mean 32.53
RMS 27.7
signal [adc counts]

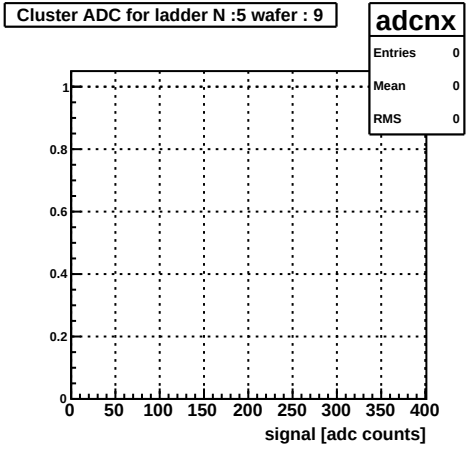

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

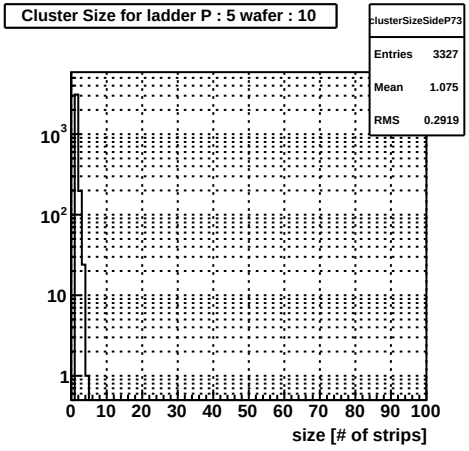

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 2531
Mean 1.107
RMS 0.3567
size [# of strips]

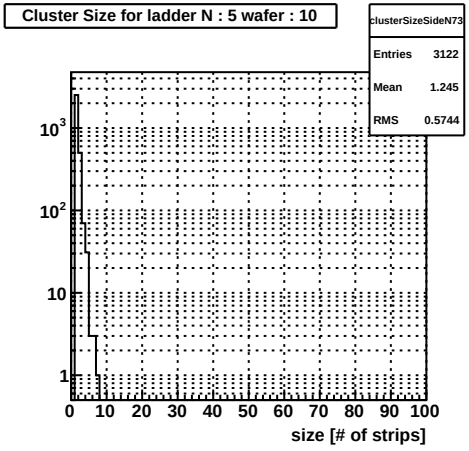

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

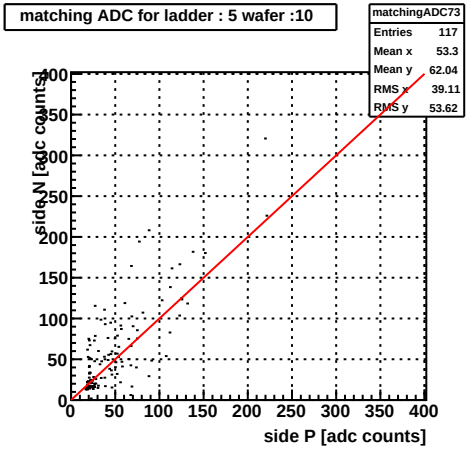

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

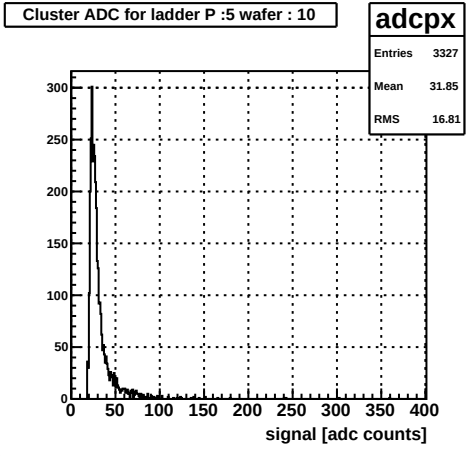

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 2531
Mean 33.4
RMS 27.68
signal [adc counts]

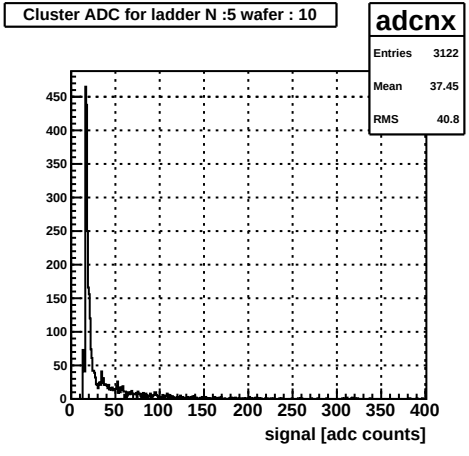

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

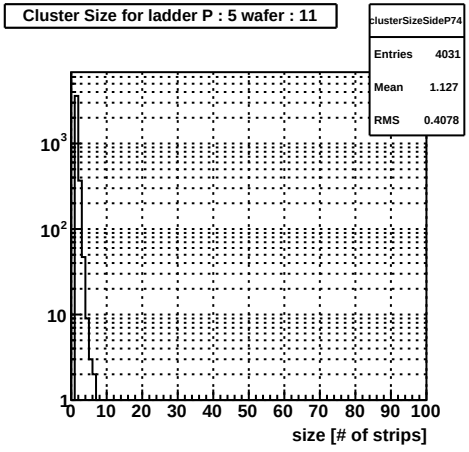

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 3327
Mean 1.075
RMS 0.2919
size [# of strips]

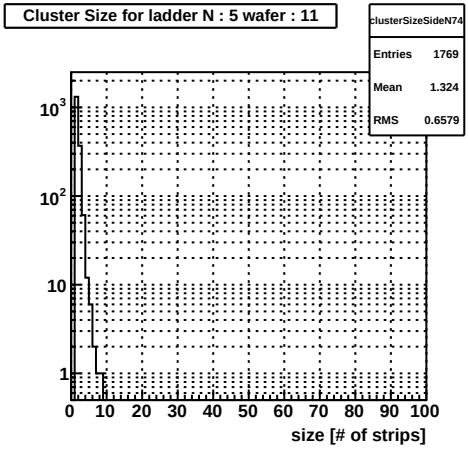

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 3122
Mean 1.245
RMS 0.5744
size [# of strips]

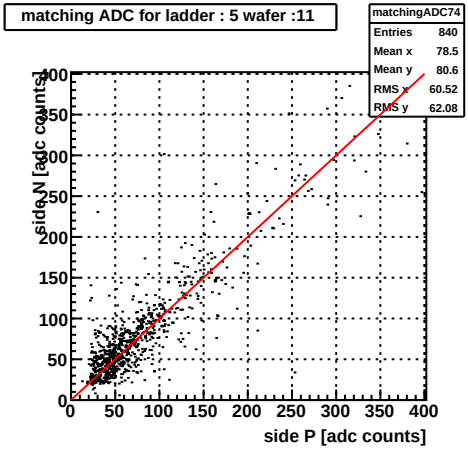

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 117
Mean x 53.3
Mean y 62.04
RMS x 39.11
RMS y 53.62
side N [adc counts]
side P [adc counts]

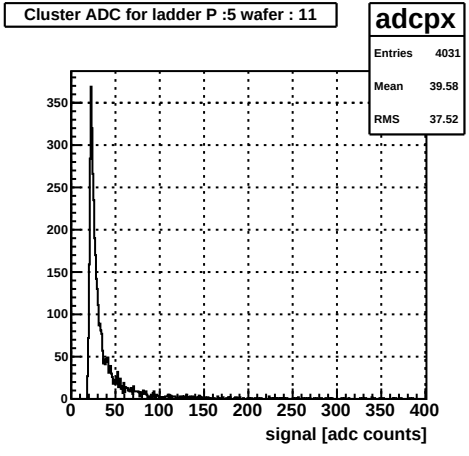

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 3327
Mean 31.85
RMS 16.81
signal [adc counts]

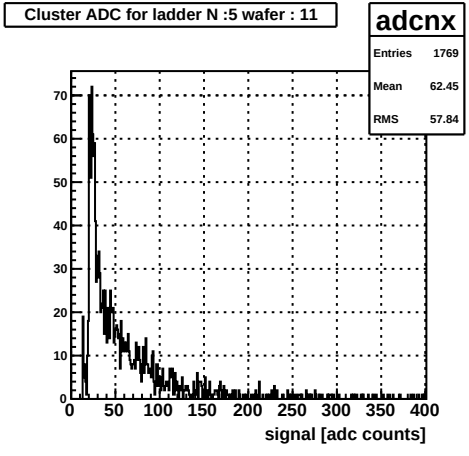

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 3122
Mean 37.45
RMS 40.8
signal [adc counts]

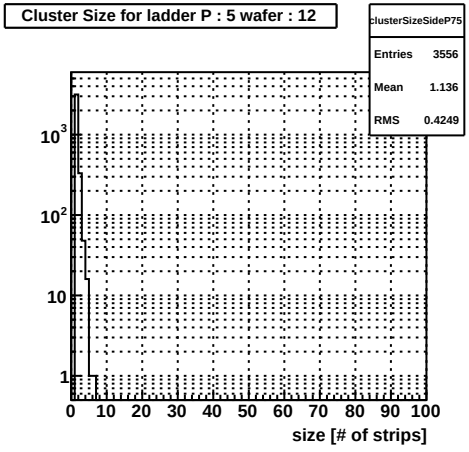

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 4031
Mean 1.127
RMS 0.4078
size [# of strips]

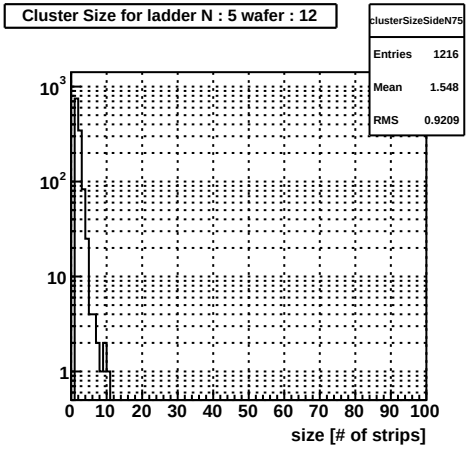

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1769
Mean 1.324
RMS 0.6579
size [# of strips]

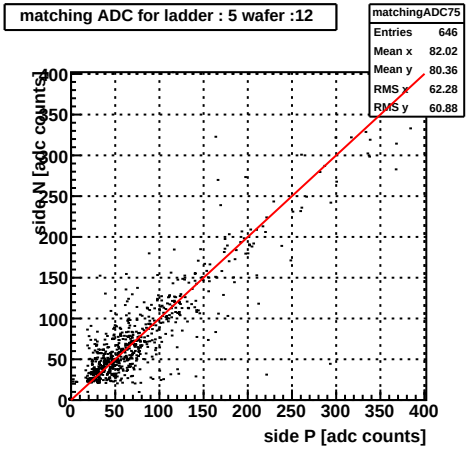

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 840
Mean x 78.5
Mean y 80.6
RMS x 60.52
RMS y 62.08
side N [adc counts]
side P [adc counts]

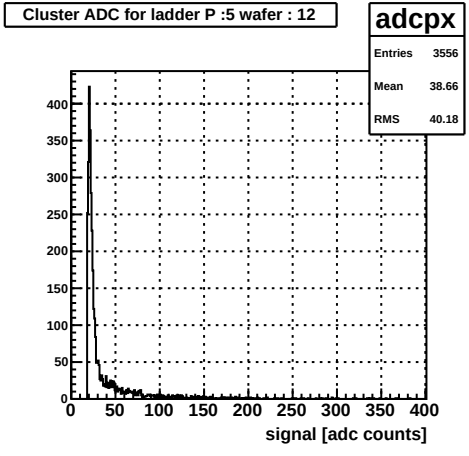

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 4031
Mean 39.58
RMS 37.52
signal [adc counts]

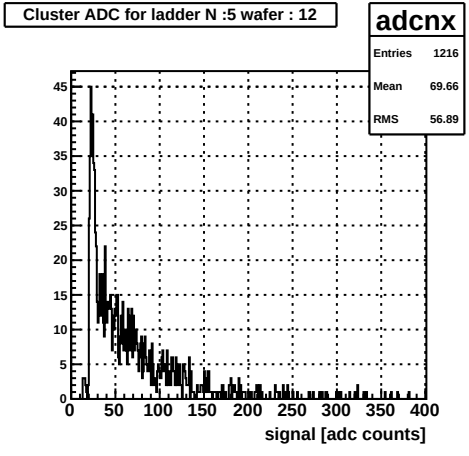

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1769
Mean 62.45
RMS 57.84
signal [adc counts]

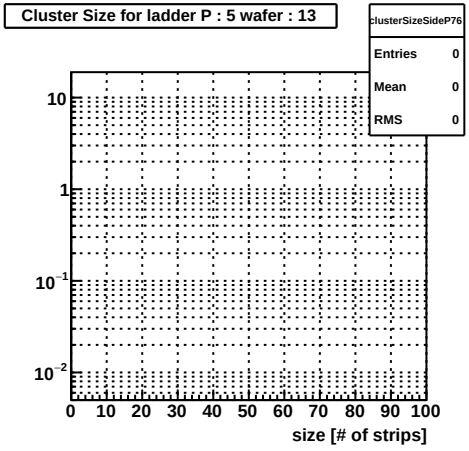

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 3556
Mean 1.136
RMS 0.4249
size [# of strips]

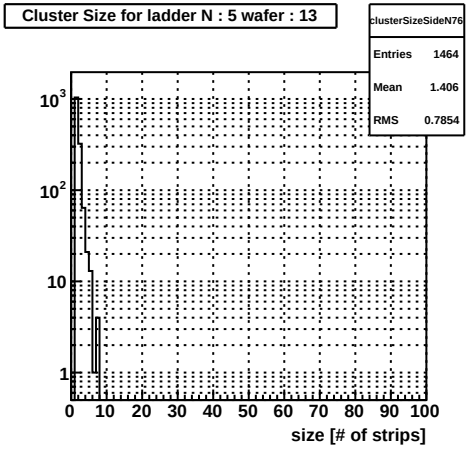

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1216
Mean 1.548
RMS 0.9209
size [# of strips]

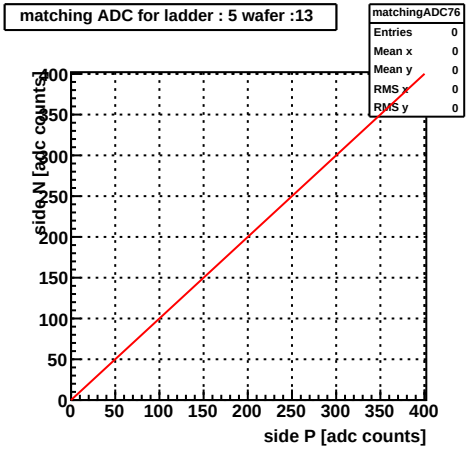

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 646
Mean x 82.02
Mean y 80.36
RMS x 62.28
RMS y 60.88
side N [adc counts]
side P [adc counts]

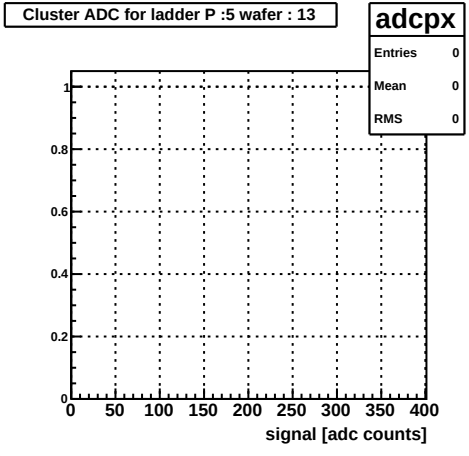

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 3556
Mean 38.66
RMS 40.18
signal [adc counts]

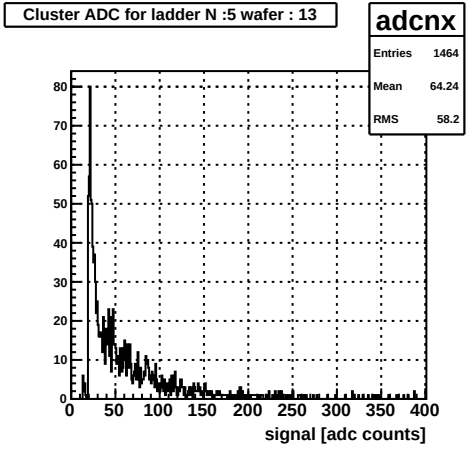

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1216
Mean 69.66
RMS 56.89
signal [adc counts]

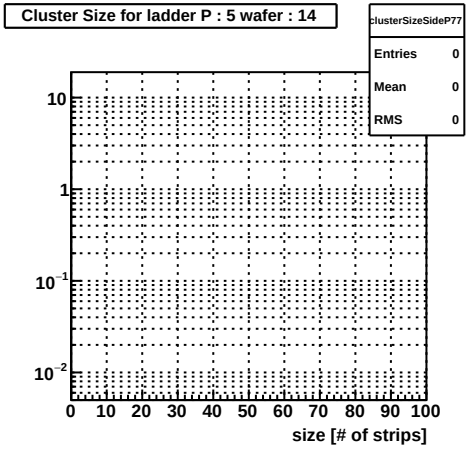

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

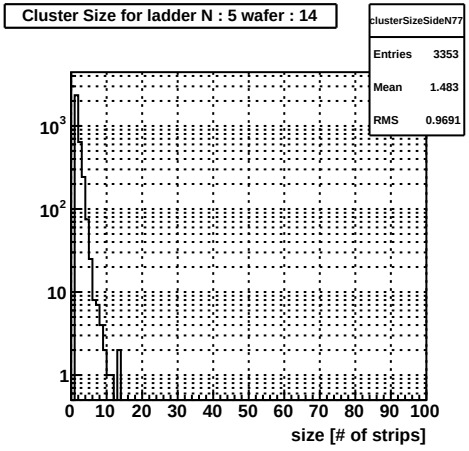

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1464
Mean 1.406
RMS 0.7854
size [# of strips]

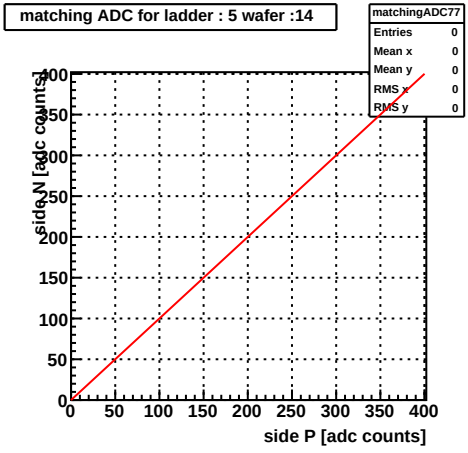

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

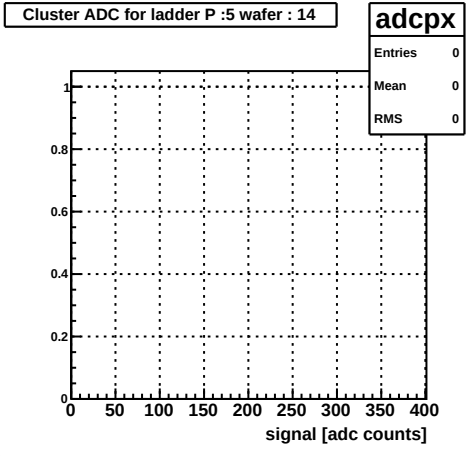

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

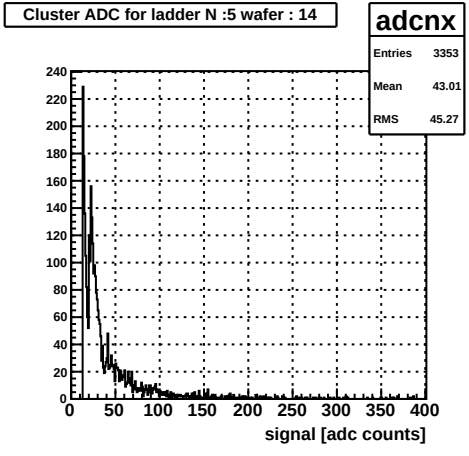

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1464
Mean 64.24
RMS 58.2
signal [adc counts]

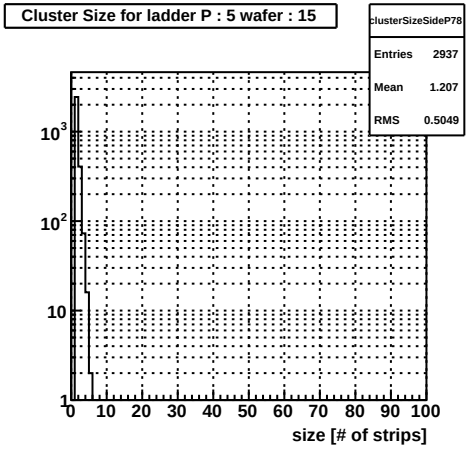

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

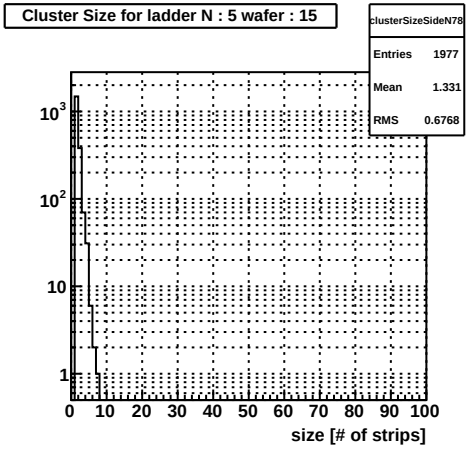

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 3353
Mean 1.483
RMS 0.9691
size [# of strips]

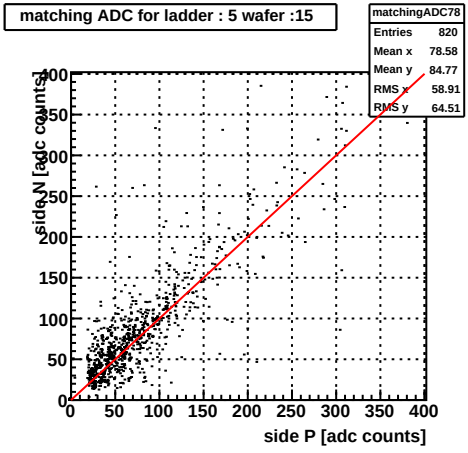

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

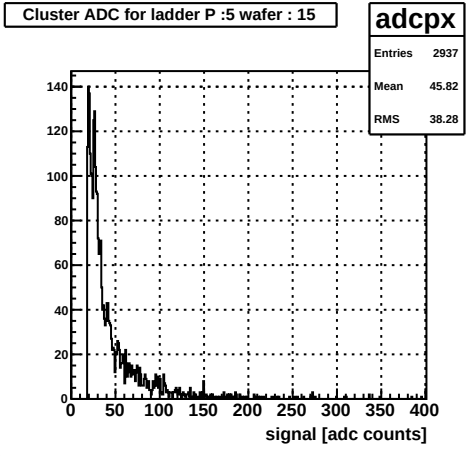

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

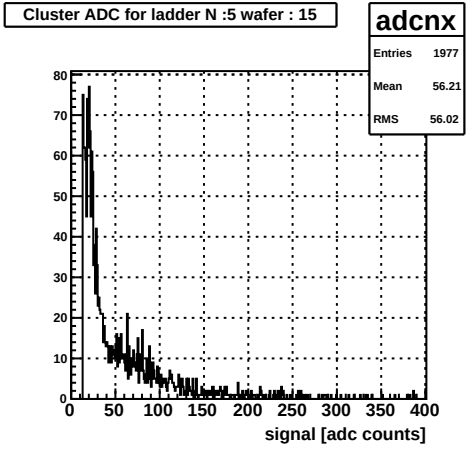

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 3353
Mean 43.01
RMS 45.27
signal [adc counts]

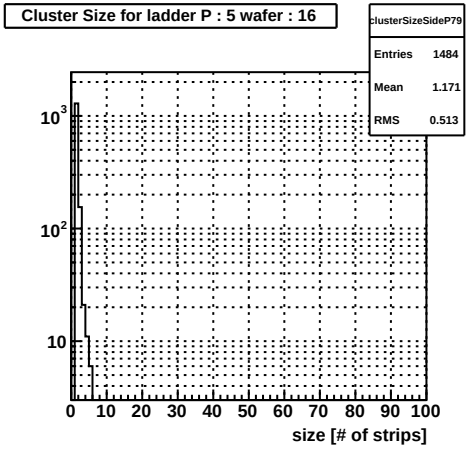

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 2937
Mean 1.207
RMS 0.5049
size [# of strips]

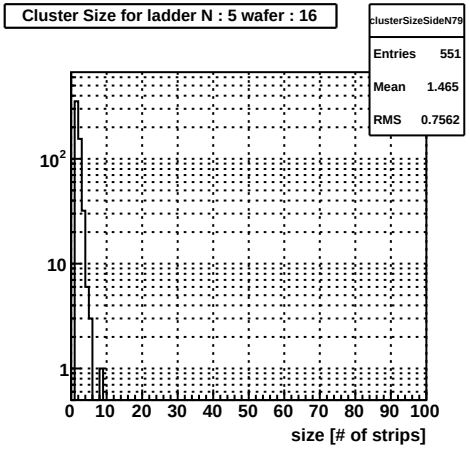

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 1977
Mean 1.331
RMS 0.6768
size [# of strips]

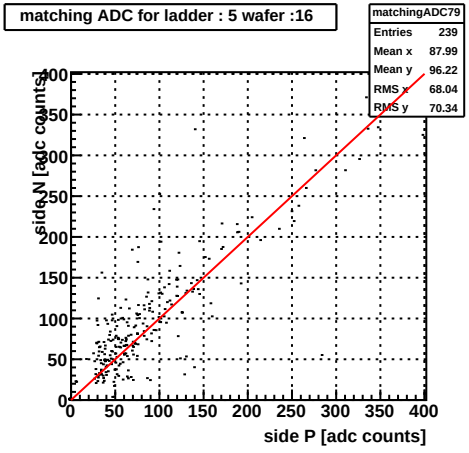

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 820
Mean x 78.58
Mean y 84.77
RMS x 58.91
RMS y 64.51
side N [adc counts]
side P [adc counts]

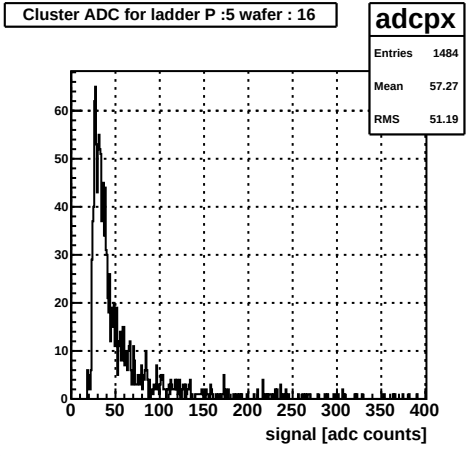

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 2937
Mean 45.82
RMS 38.28
signal [adc counts]

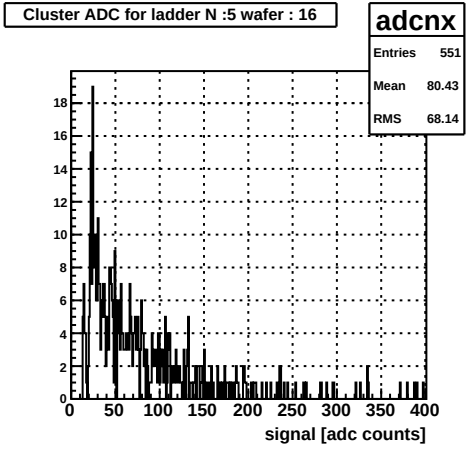

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 1977
Mean 56.21
RMS 56.02
signal [adc counts]

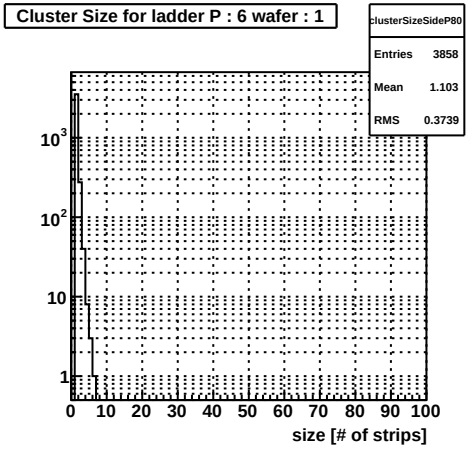

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1484
Mean 1.171
RMS 0.513
size [# of strips]

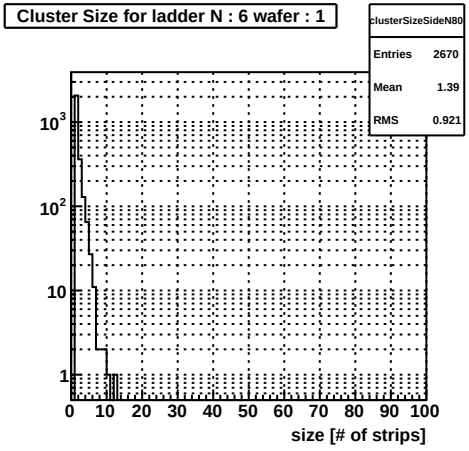

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 551
Mean 1.465
RMS 0.7562
size [# of strips]

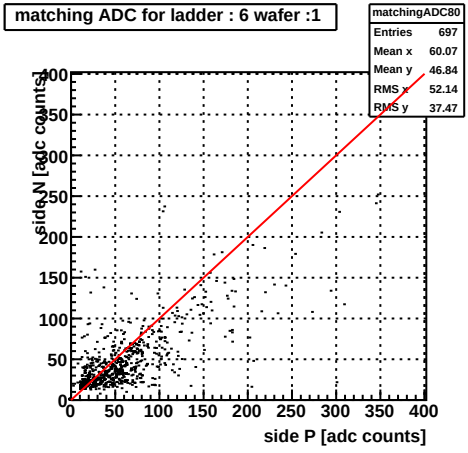

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 239
Mean x 87.99
Mean y 96.22
RMS x 68.04
RMS y 70.34
side N [adc counts]
side P [adc counts]

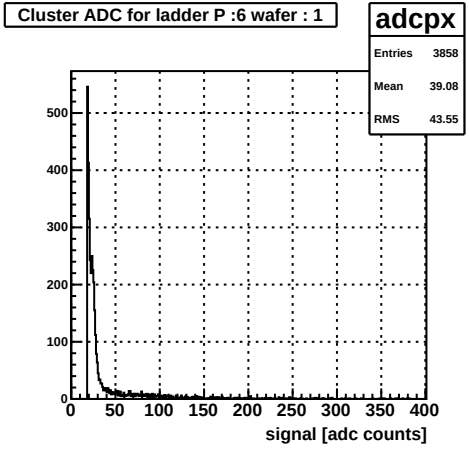

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1484
Mean 57.27
RMS 51.19
signal [adc counts]

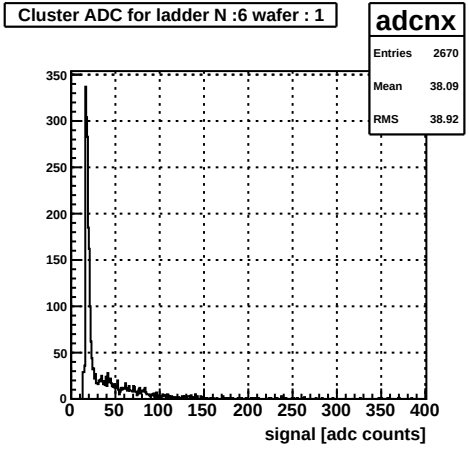

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 551
Mean 80.43
RMS 68.14
signal [adc counts]

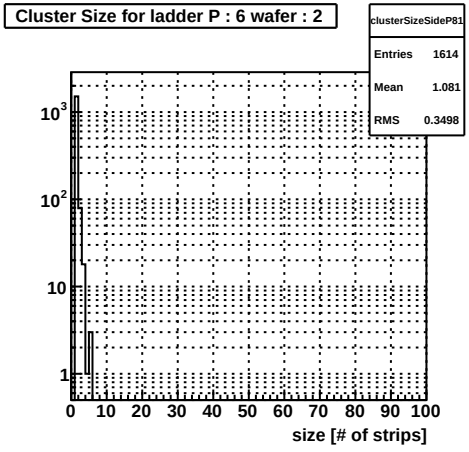

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 3858
Mean 1.103
RMS 0.3739
size [# of strips]

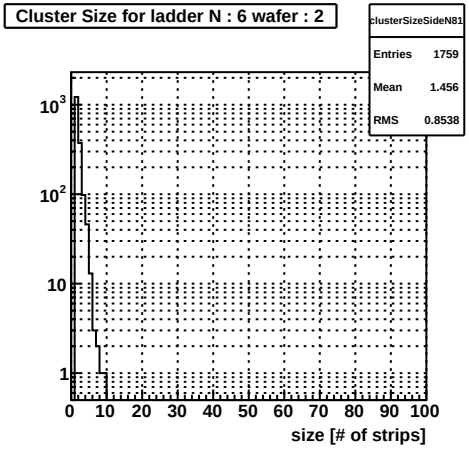

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 2670
Mean 1.39
RMS 0.921
size [# of strips]

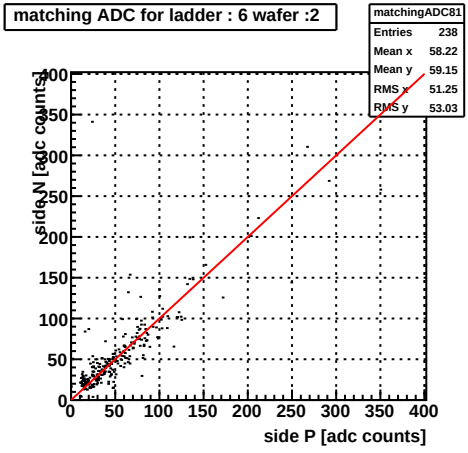

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 697
Mean x 60.07
Mean y 46.84
RMS x 52.14
RMS y 37.47
side N [adc counts]
side P [adc counts]

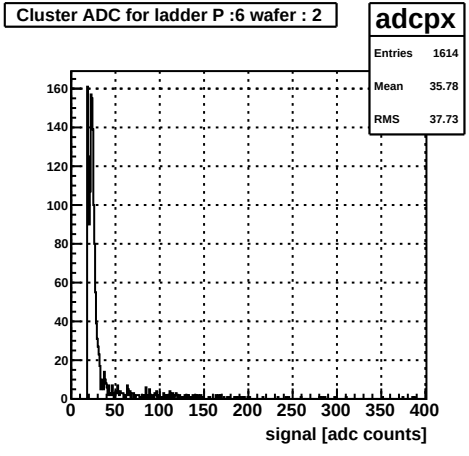

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 3858
Mean 39.08
RMS 43.55
signal [adc counts]

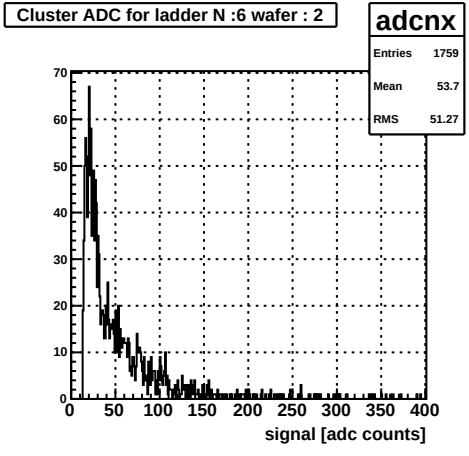

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 2670
Mean 38.09
RMS 38.92
signal [adc counts]

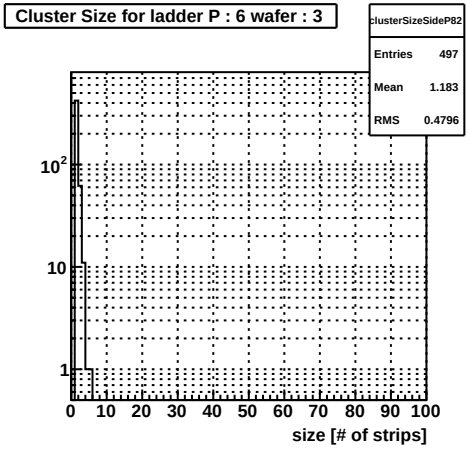

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 1614
Mean 1.081
RMS 0.3498
size [# of strips]

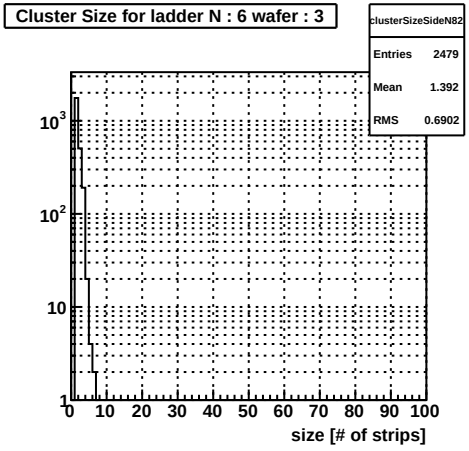

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 1759
Mean 1.456
RMS 0.8538
size [# of strips]

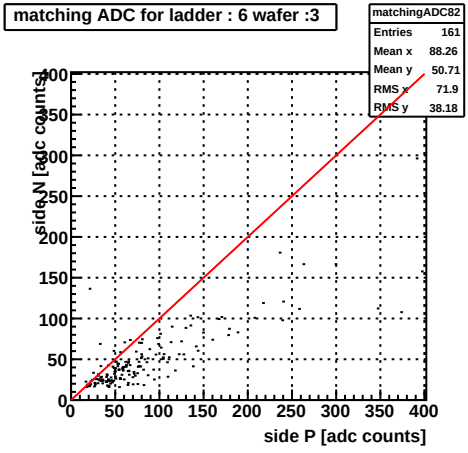

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 238
Mean x 58.22
Mean y 59.15
RMS x 51.25
RMS y 53.03
side N [adc counts]
side P [adc counts]

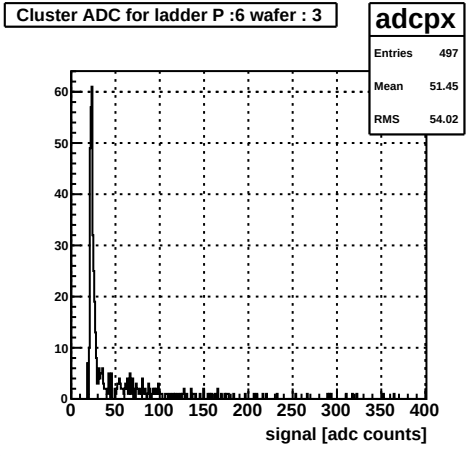

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 1614
Mean 35.78
RMS 37.73
signal [adc counts]

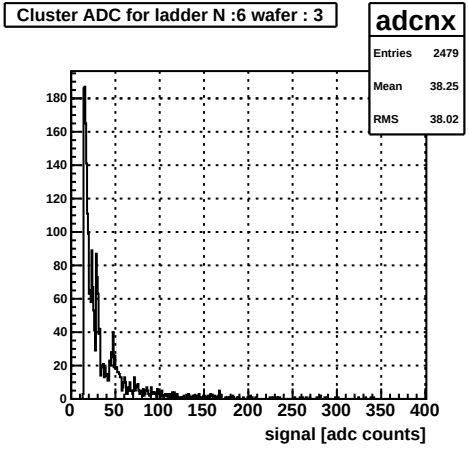

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 1759
Mean 53.7
RMS 51.27
signal [adc counts]

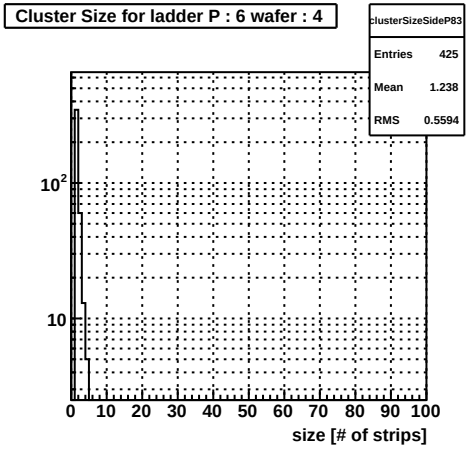

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 497
Mean 1.183
RMS 0.4796
size [# of strips]

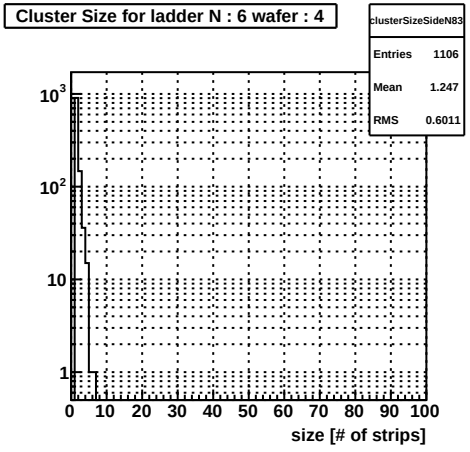

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 2479
Mean 1.392
RMS 0.6902
size [# of strips]

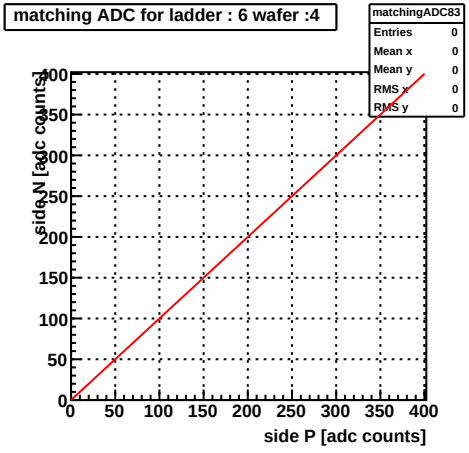

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 161
Mean x 88.26
Mean y 50.71
RMS x 71.9
RMS y 38.18
side N [adc counts]
side P [adc counts]

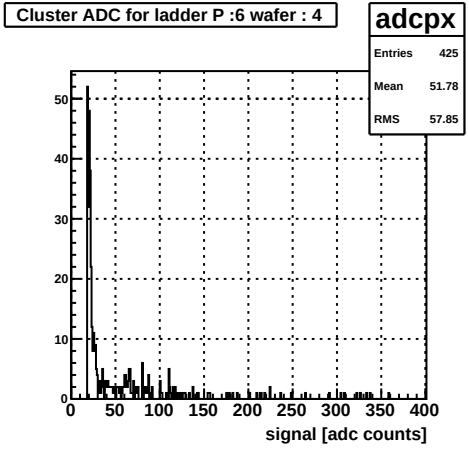

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 497
Mean 51.45
RMS 54.02
signal [adc counts]

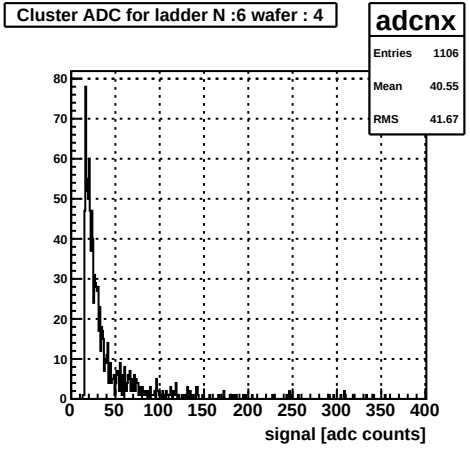

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 2479
Mean 38.25
RMS 38.02
signal [adc counts]

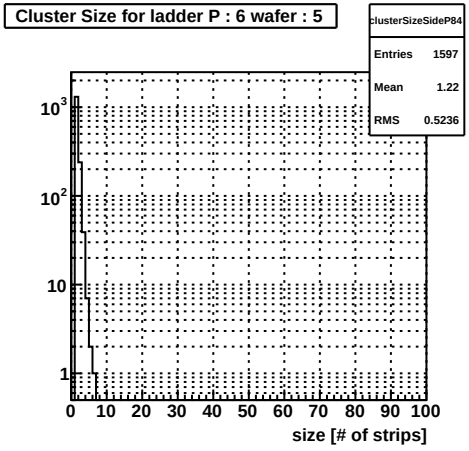

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 425
Mean 1.238
RMS 0.5594
size [# of strips]

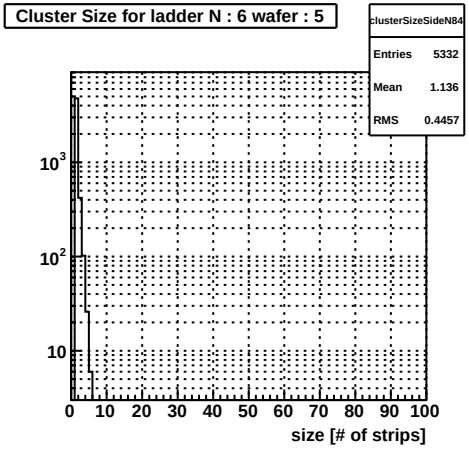

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 1106
Mean 1.247
RMS 0.6011
size [# of strips]

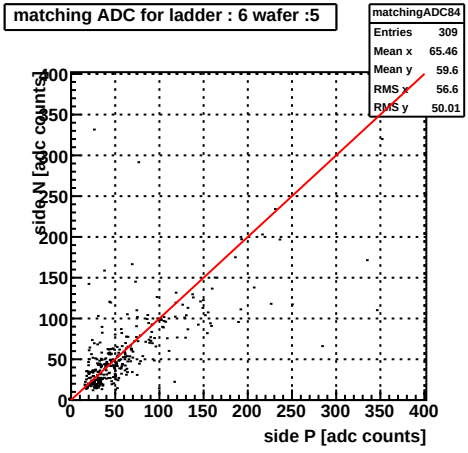

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

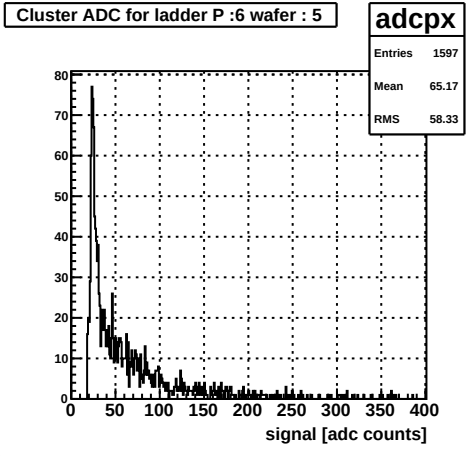

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 425
Mean 51.78
RMS 57.85
signal [adc counts]

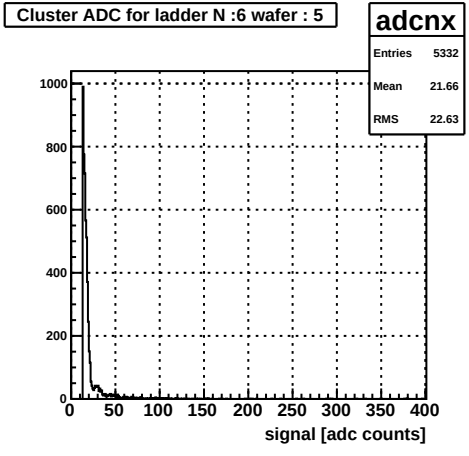

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 1106
Mean 40.55
RMS 41.67
signal [adc counts]

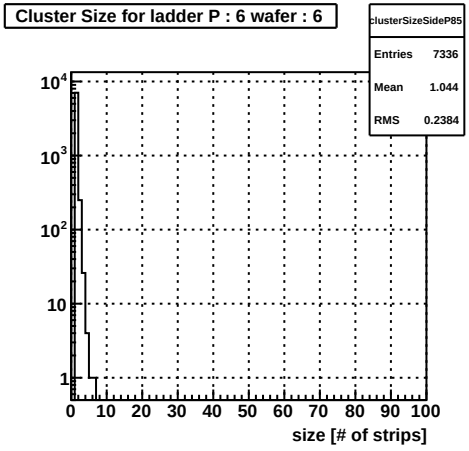

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1597
Mean 1.22
RMS 0.5236
size [# of strips]

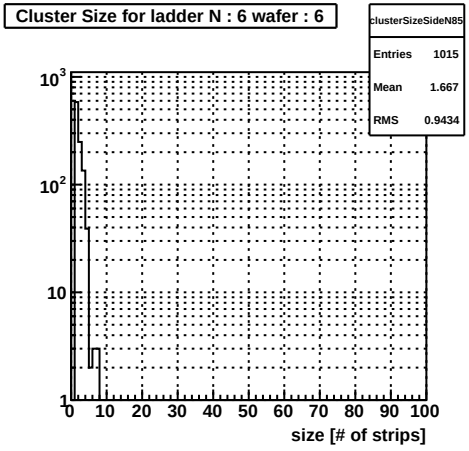

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 5332
Mean 1.136
RMS 0.4457
size [# of strips]

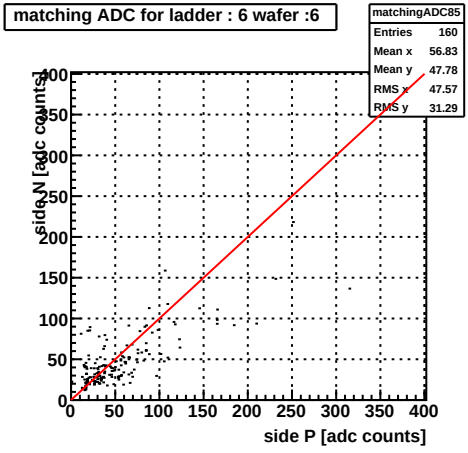

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 309
Mean x 65.46
Mean y 59.6
RMS x 56.6
RMS y 50.01
side N [adc counts]
side P [adc counts]

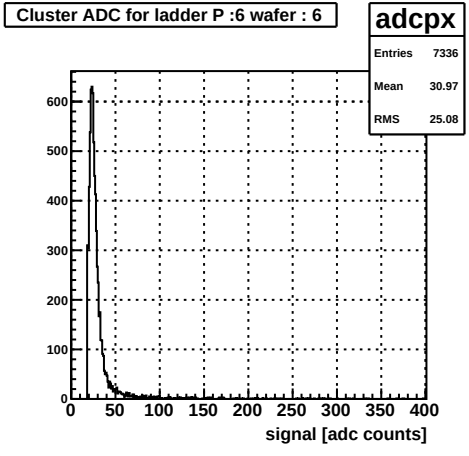

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1597
Mean 65.17
RMS 58.33
signal [adc counts]

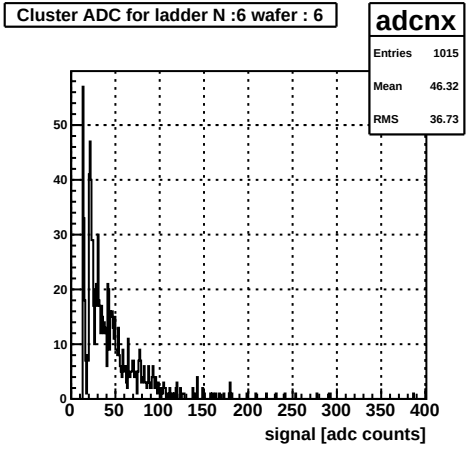

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 5332
Mean 21.66
RMS 22.63
signal [adc counts]

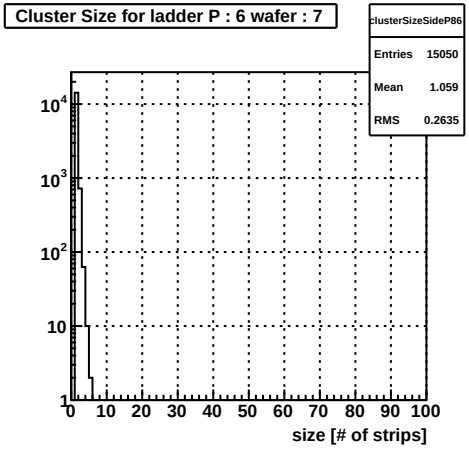

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 7336
Mean 1.044
RMS 0.2384
size [# of strips]

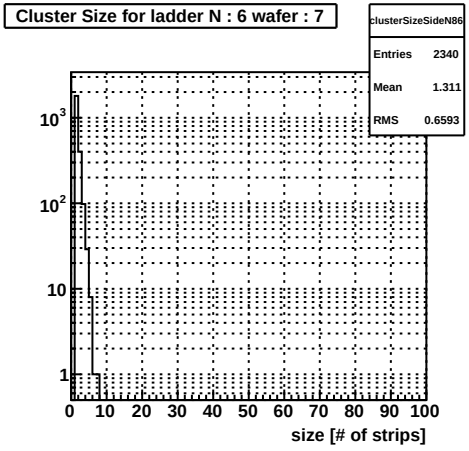

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1015
Mean 1.667
RMS 0.9434
size [# of strips]

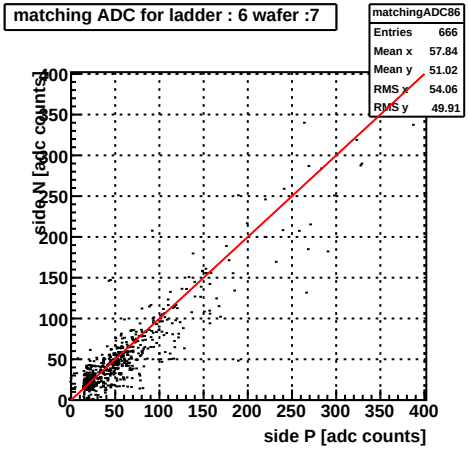

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 160
Mean x 56.83
Mean y 47.78
RMS x 47.57
RMS y 31.29
side N [adc counts]
side P [adc counts]

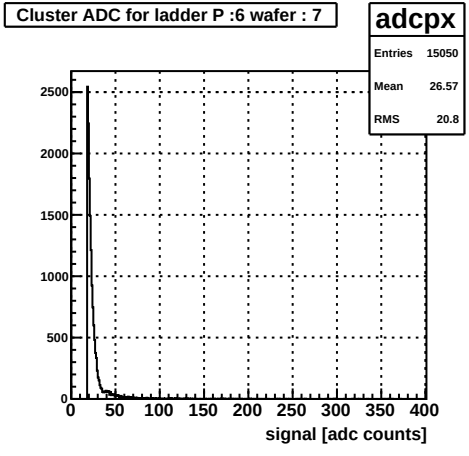

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 7336
Mean 30.97
RMS 25.08
signal [adc counts]

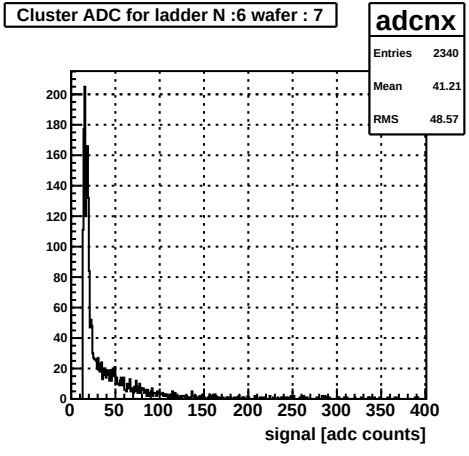

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1015
Mean 46.32
RMS 36.73
signal [adc counts]

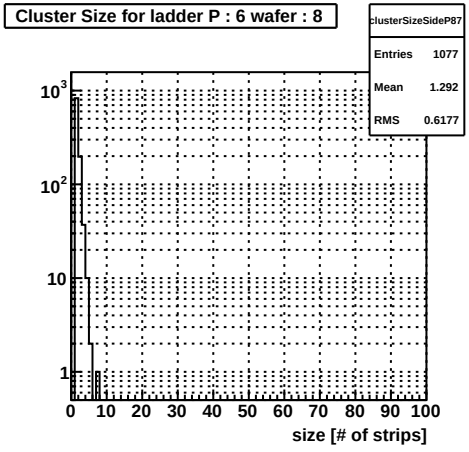

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 15050
Mean 1.059
RMS 0.2635
size [# of strips]

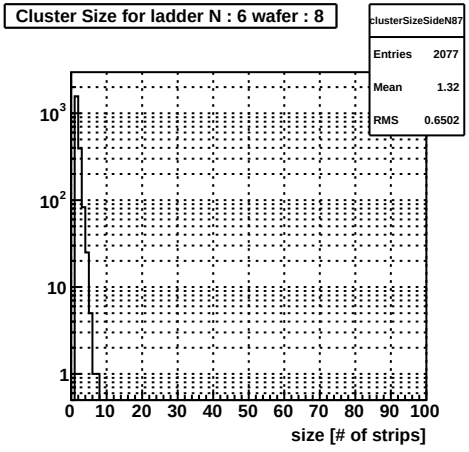

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 2340
Mean 1.311
RMS 0.6593
size [# of strips]

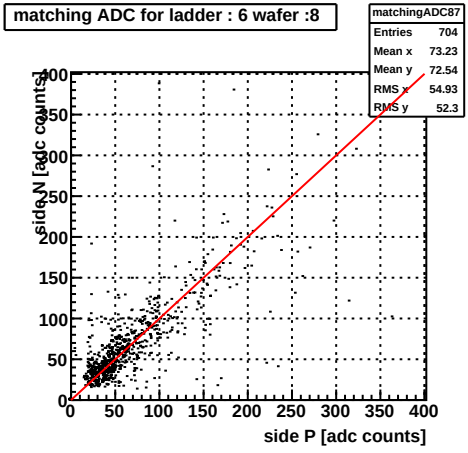

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 666
Mean x 57.84
Mean y 51.02
RMS x 54.06
RMS y 49.91
side N [adc counts]
side P [adc counts]

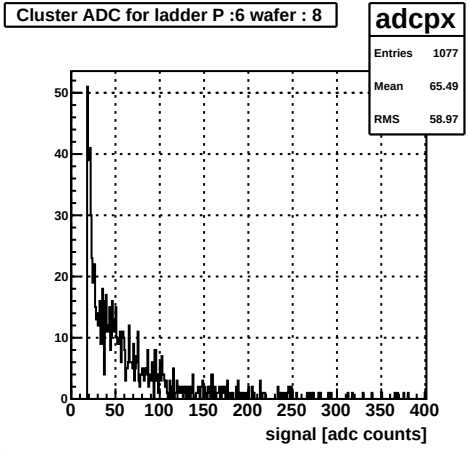

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 15050
Mean 26.57
RMS 20.8
signal [adc counts]

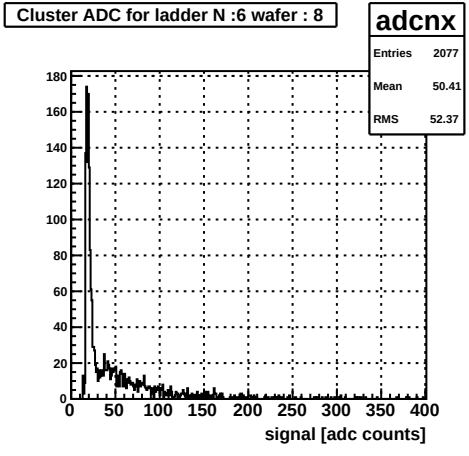

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 2340
Mean 41.21
RMS 48.57
signal [adc counts]

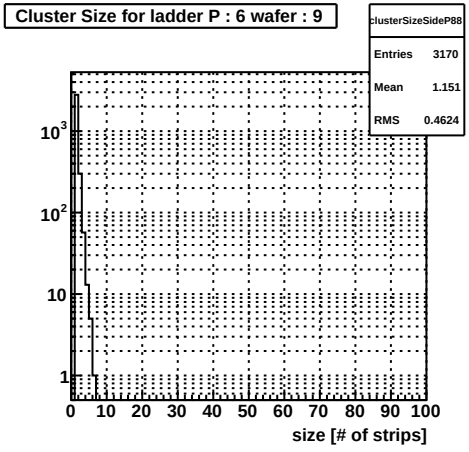

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1077
Mean 1.292
RMS 0.6177
size [# of strips]

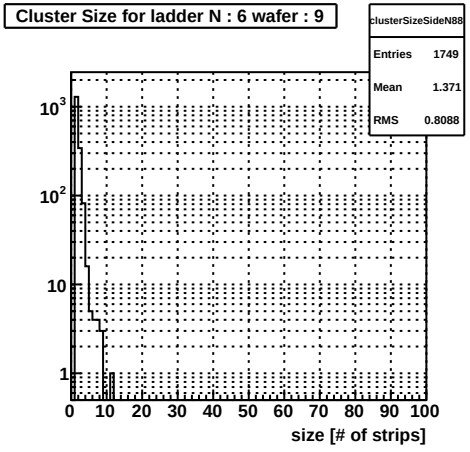

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 2077
Mean 1.32
RMS 0.6502
size [# of strips]

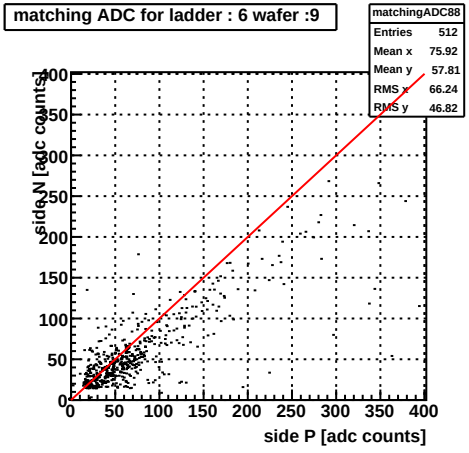

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 704
Mean x 73.23
Mean y 72.54
RMS x 54.93
RMS y 52.3
side N [adc counts]
side P [adc counts]

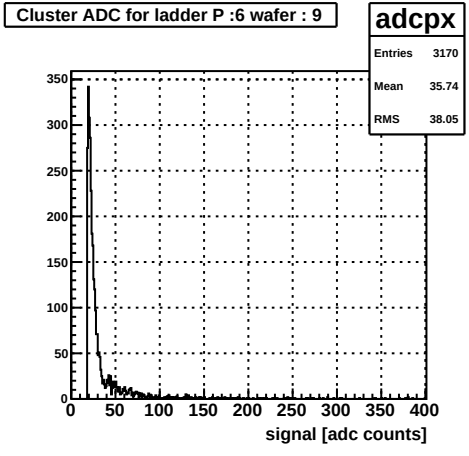

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1077
Mean 65.49
RMS 58.97
signal [adc counts]

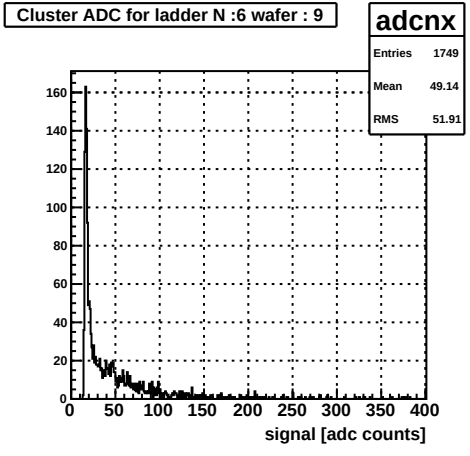

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 2077
Mean 50.41
RMS 52.37
signal [adc counts]

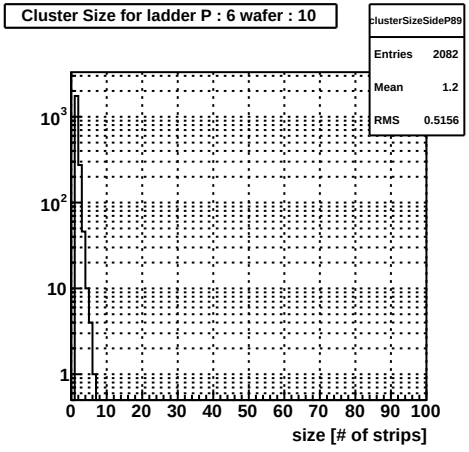

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 3170
Mean 1.151
RMS 0.4624
size [# of strips]

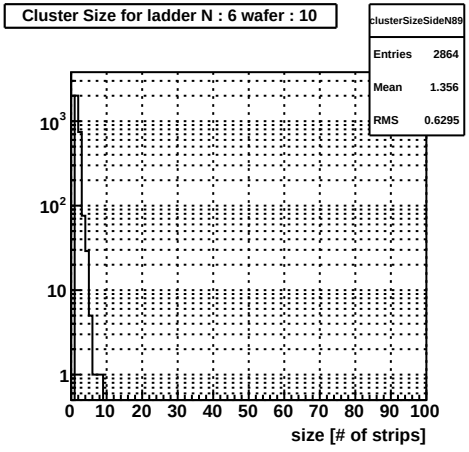

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1749
Mean 1.371
RMS 0.8088
size [# of strips]

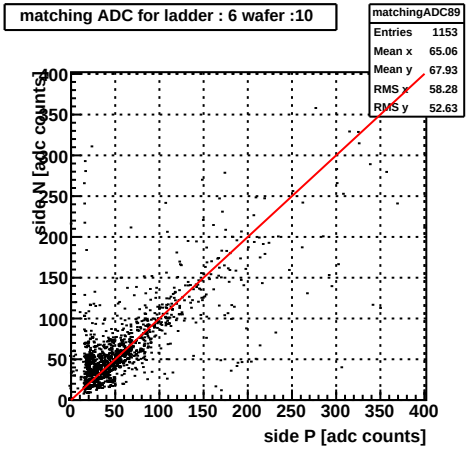

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 512
Mean x 75.92
Mean y 57.81
RMS x 66.24
RMS y 46.82
side N [adc counts]
side P [adc counts]

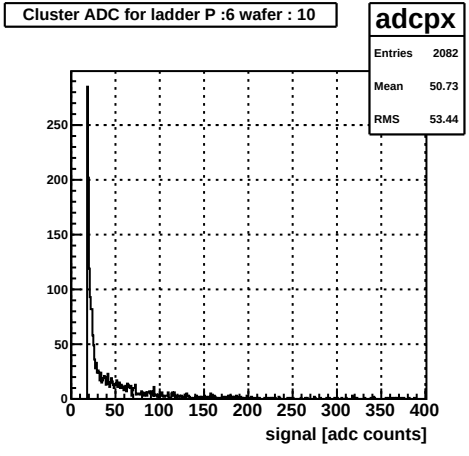

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 3170
Mean 35.74
RMS 38.05
signal [adc counts]

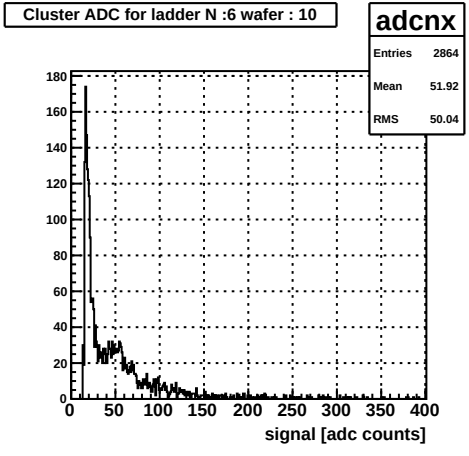

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1749
Mean 49.14
RMS 51.91
signal [adc counts]

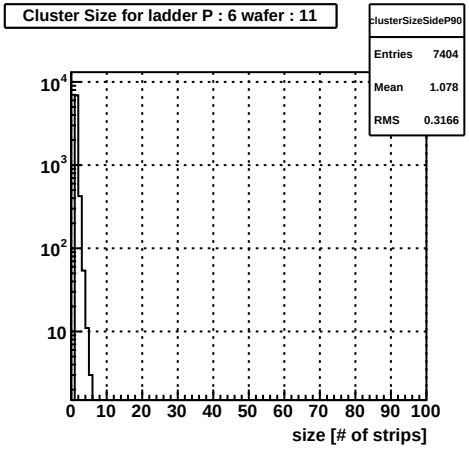

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 2082
Mean 1.2
RMS 0.5156
size [# of strips]

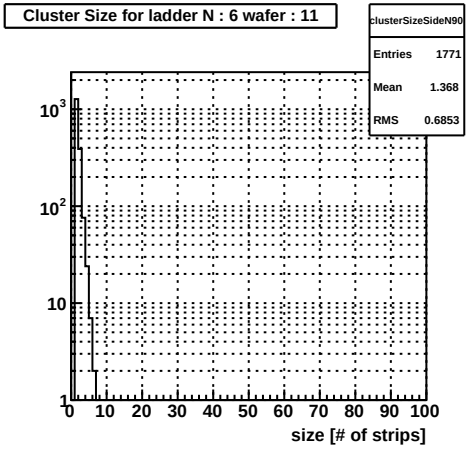

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 2864
Mean 1.356
RMS 0.6295
size [# of strips]

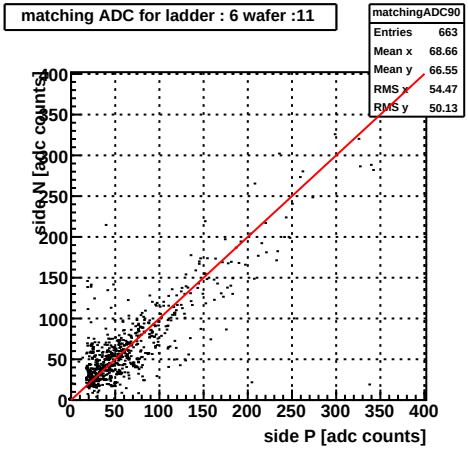

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1153
Mean x 65.06
Mean y 67.93
RMS x 58.28
RMS y 52.63
side N [adc counts]
side P [adc counts]

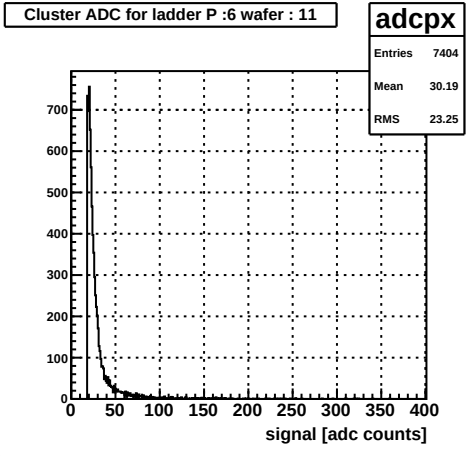

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 2082
Mean 50.73
RMS 53.44
signal [adc counts]

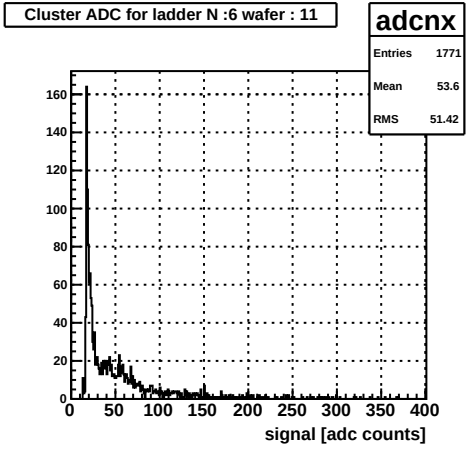

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 2864
Mean 51.92
RMS 50.04
signal [adc counts]

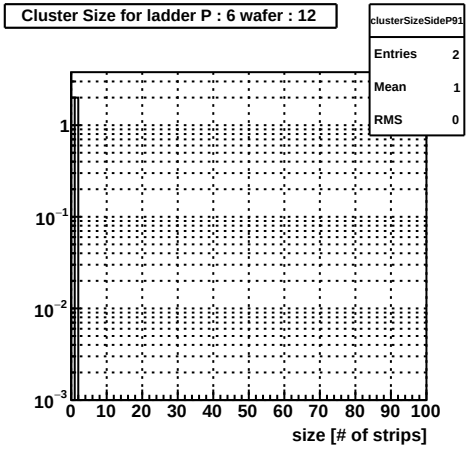

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 7404
Mean 1.078
RMS 0.3166
size [# of strips]

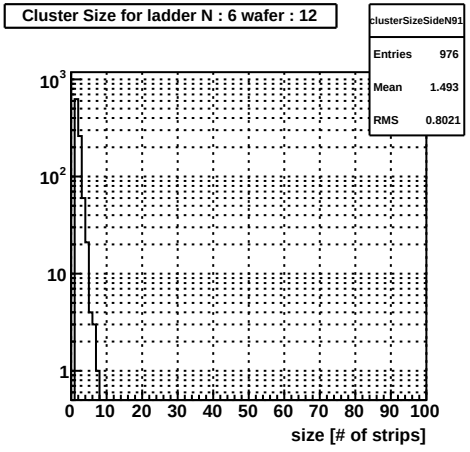

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1771
Mean 1.368
RMS 0.6853
size [# of strips]

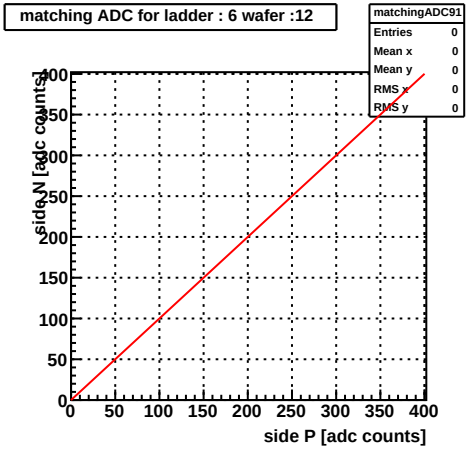

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 663
Mean x 68.66
Mean y 66.55
RMS x 54.47
RMS y 50.13
side N [adc counts]
side P [adc counts]

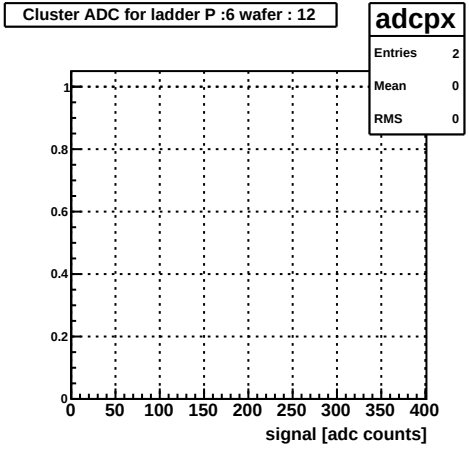

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 7404
Mean 30.19
RMS 23.25
signal [adc counts]

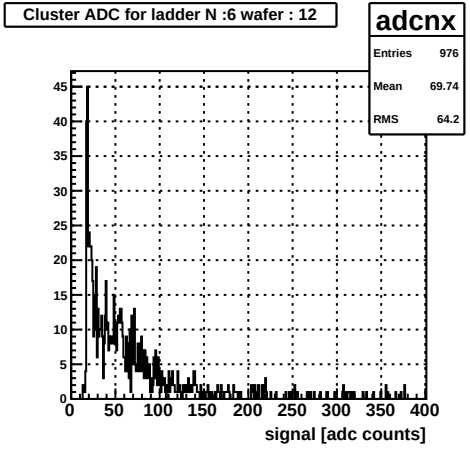

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1771
Mean 53.6
RMS 51.42
signal [adc counts]

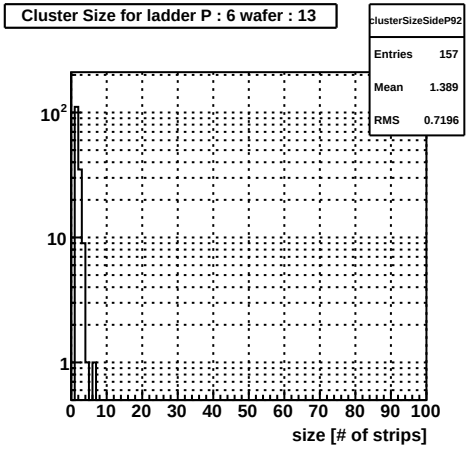

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 2
Mean 1
RMS 0
size [# of strips]

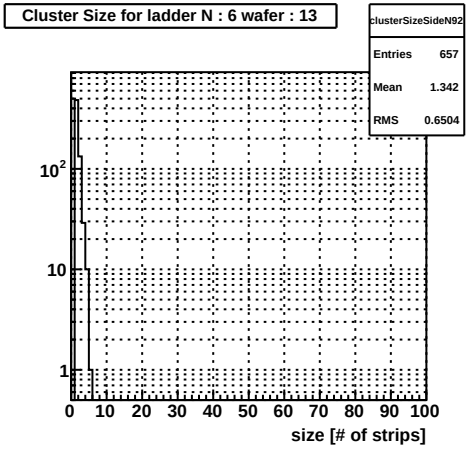

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 976
Mean 1.493
RMS 0.8021
size [# of strips]

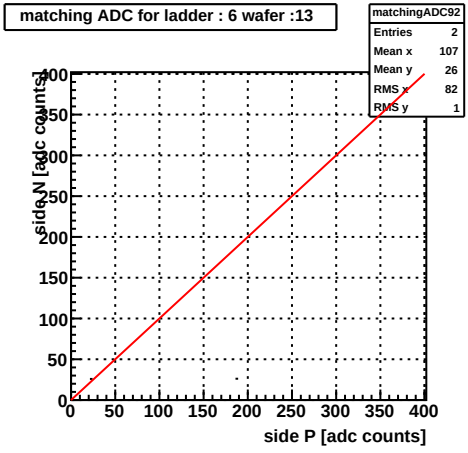

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

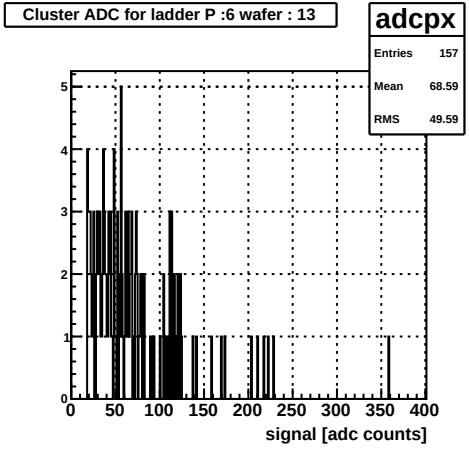

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

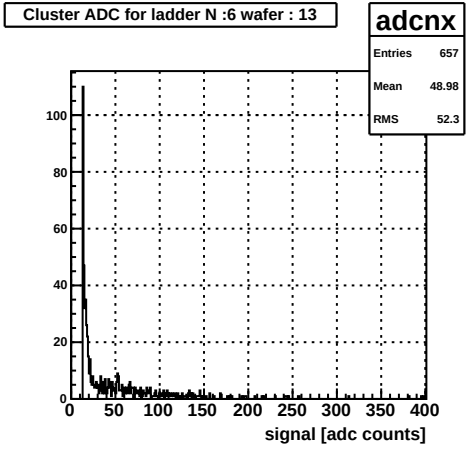

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 976
Mean 69.74
RMS 64.2
signal [adc counts]

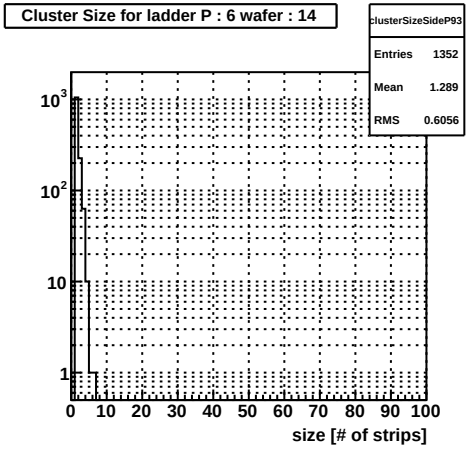

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 157
Mean 1.389
RMS 0.7196
size [# of strips]

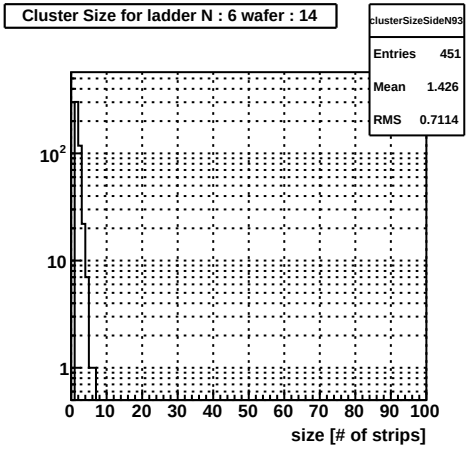

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 657
Mean 1.342
RMS 0.6504
size [# of strips]

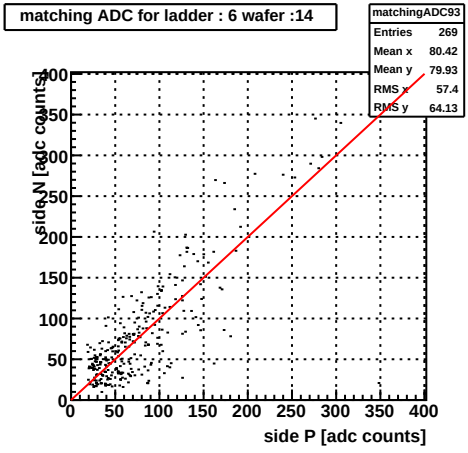

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 2
Mean x 107
Mean y 26
RMS x 82
RMS y 1
side N [adc counts]
side P [adc counts]

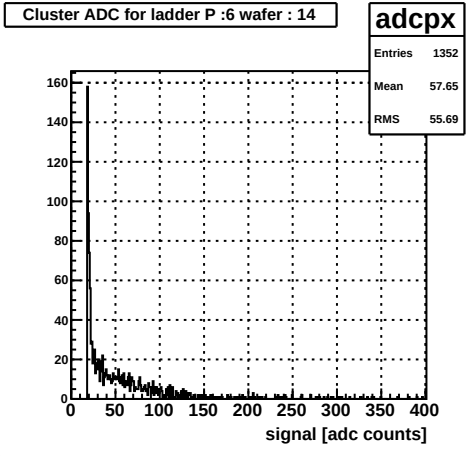

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 157
Mean 68.59
RMS 49.59
signal [adc counts]

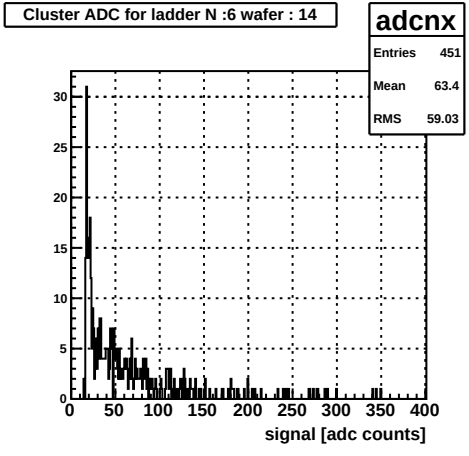

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 657
Mean 48.98
RMS 52.3
signal [adc counts]

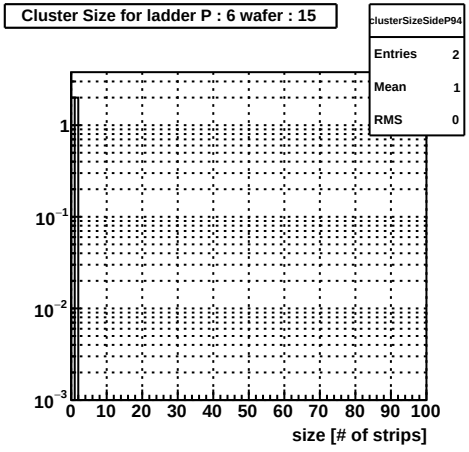

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 1352
Mean 1.289
RMS 0.6056
size [# of strips]

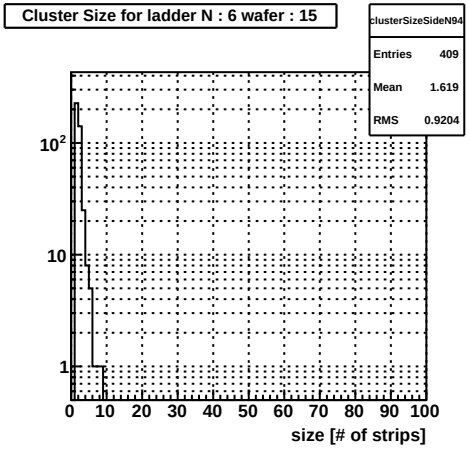

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 451
Mean 1.426
RMS 0.7114
size [# of strips]

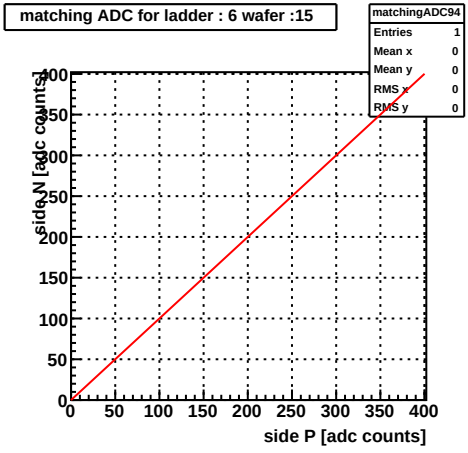

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 269
Mean x 80.42
Mean y 79.93
RMS x 57.4
RMS y 64.13
side N [adc counts]
side P [adc counts]

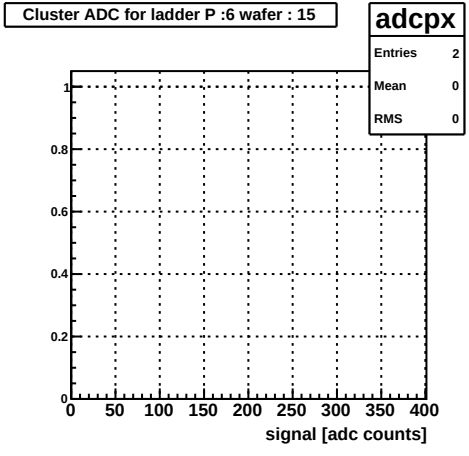

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 1352
Mean 57.65
RMS 55.69
signal [adc counts]

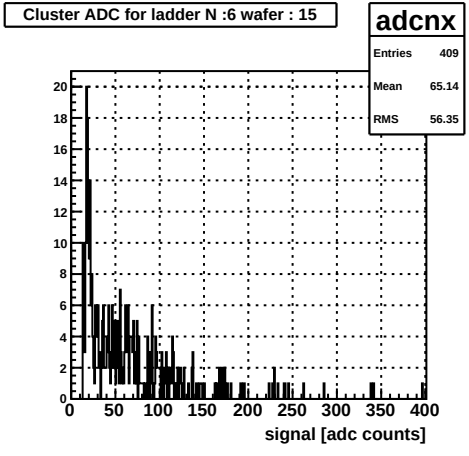

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 451
Mean 63.4
RMS 59.03
signal [adc counts]

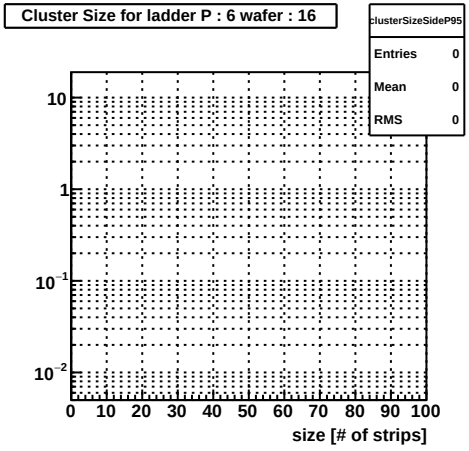

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 2
Mean 1
RMS 0
size [# of strips]

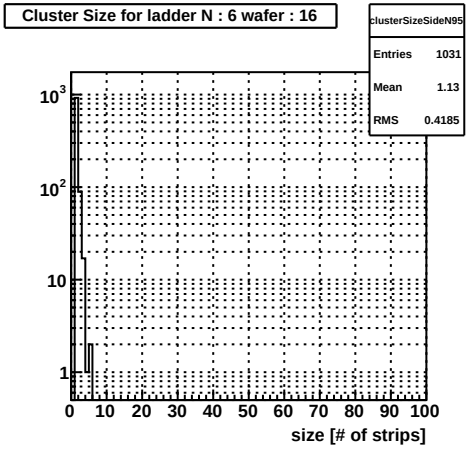

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 409
Mean 1.619
RMS 0.9204
size [# of strips]

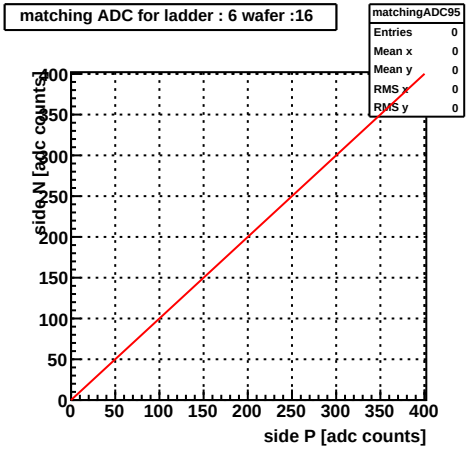

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

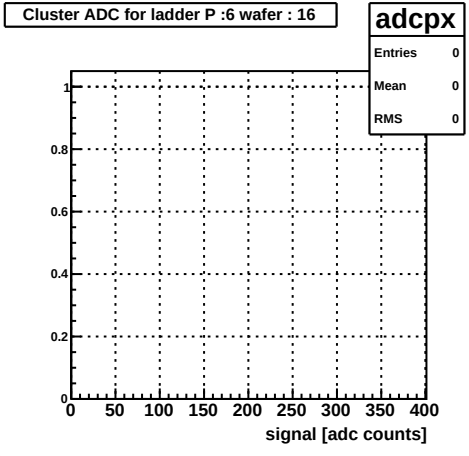

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

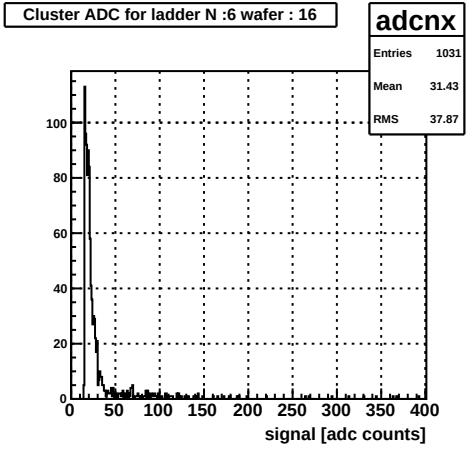

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 409
Mean 65.14
RMS 56.35
signal [adc counts]

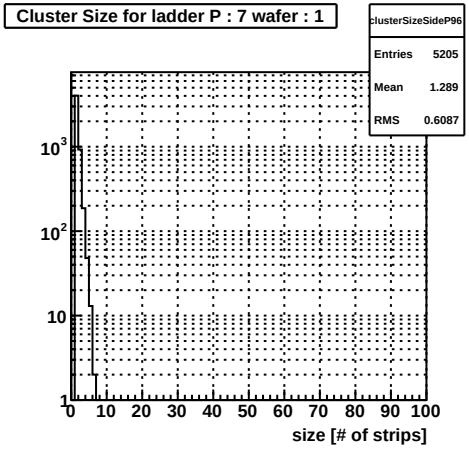

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

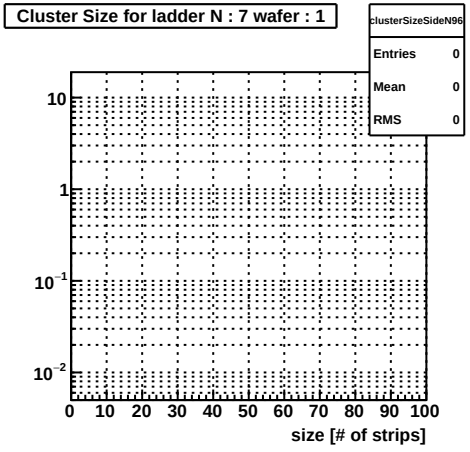

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1031
Mean 1.13
RMS 0.4185
size [# of strips]

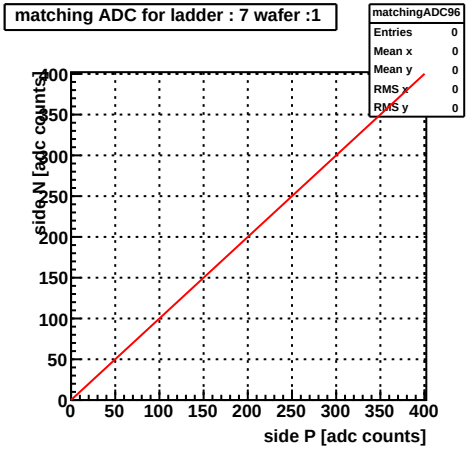

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

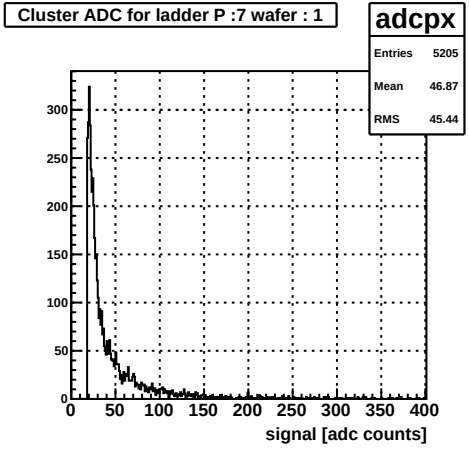

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

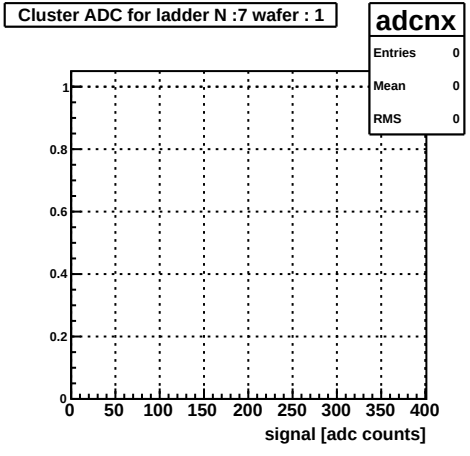

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1031
Mean 31.43
RMS 37.87
signal [adc counts]

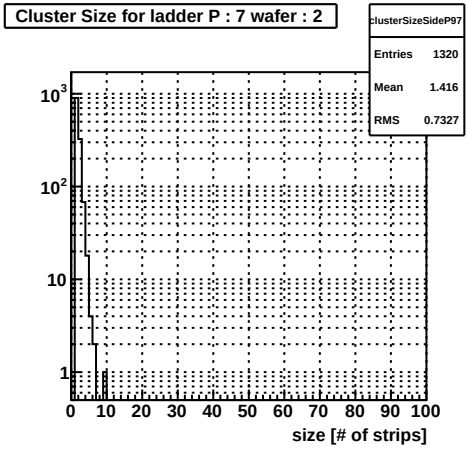

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 5205
Mean 1.289
RMS 0.6087
size [# of strips]

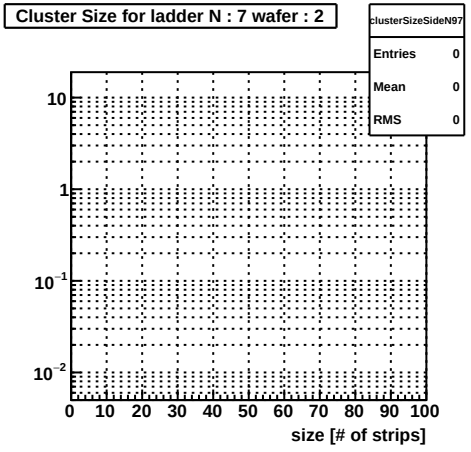

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

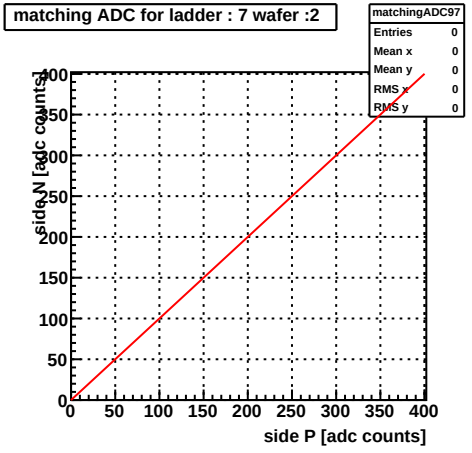

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

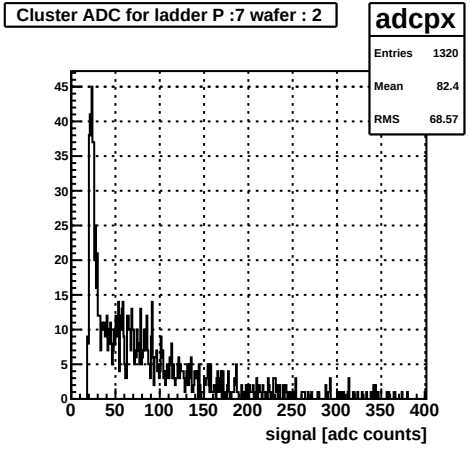

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 5205
Mean 46.87
RMS 45.44
signal [adc counts]

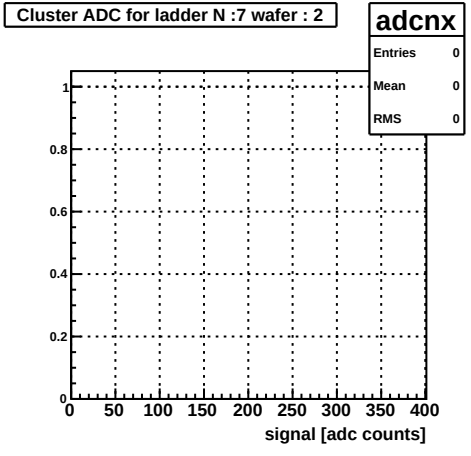

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

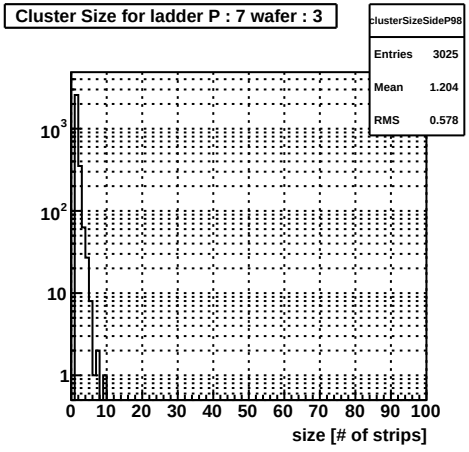

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 1320
Mean 1.416
RMS 0.7327
size [# of strips]

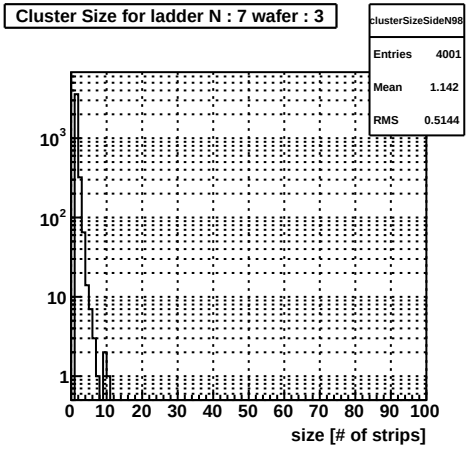

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

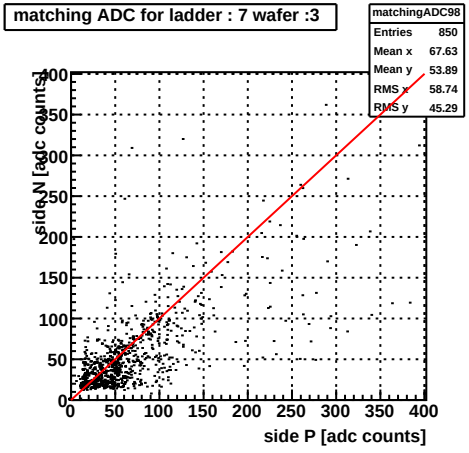

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

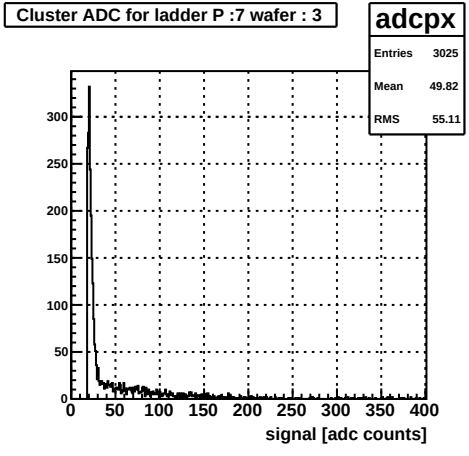

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 1320
Mean 82.4
RMS 68.57
signal [adc counts]

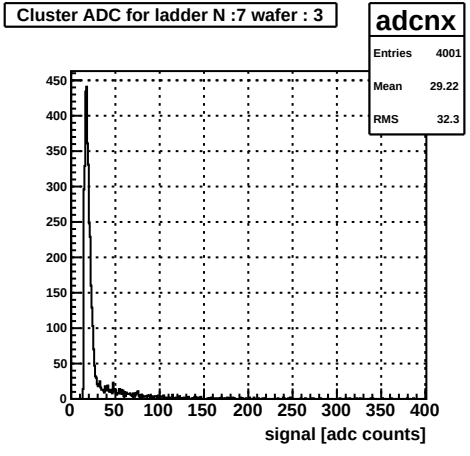

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

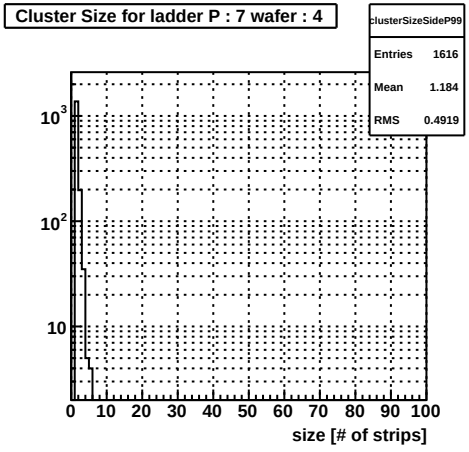

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 3025
Mean 1.204
RMS 0.578
size [# of strips]

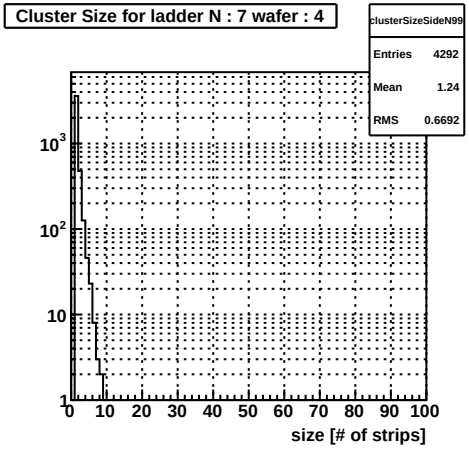

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 4001
Mean 1.142
RMS 0.5144
size [# of strips]

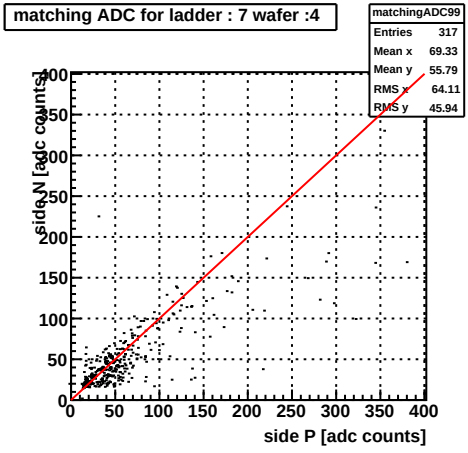

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 850
Mean x 67.63
Mean y 53.89
RMS x 58.74
RMS y 45.29
side N [adc counts]
side P [adc counts]

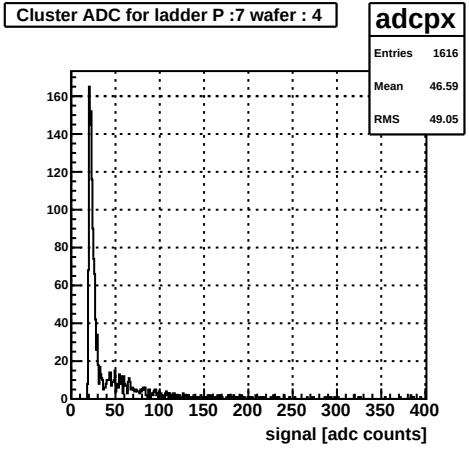

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 3025
Mean 49.82
RMS 55.11
signal [adc counts]

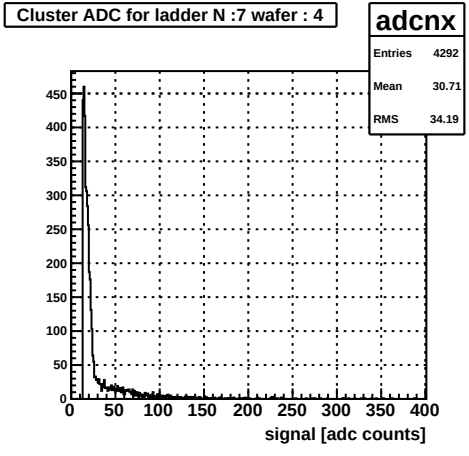

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 4001
Mean 29.22
RMS 32.3
signal [adc counts]

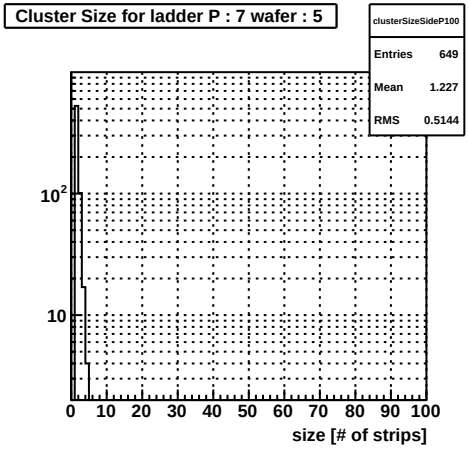

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 1616
Mean 1.184
RMS 0.4919
size [# of strips]

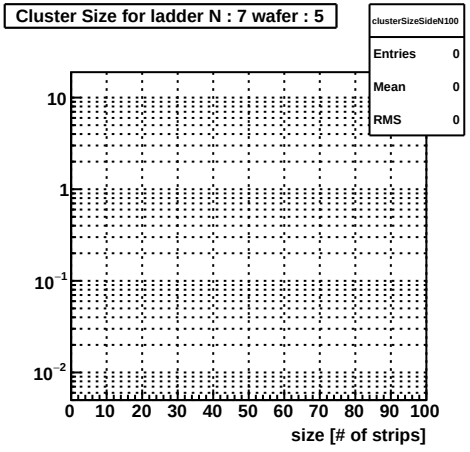

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 4292
Mean 1.24
RMS 0.6692
size [# of strips]

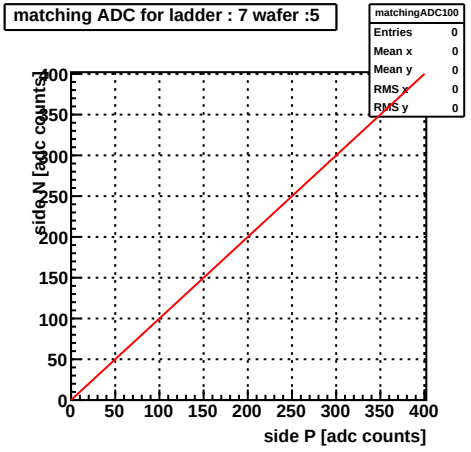

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 317
Mean x 69.33
Mean y 55.79
RMS x 64.11
RMS y 45.94
side N [adc counts]
side P [adc counts]

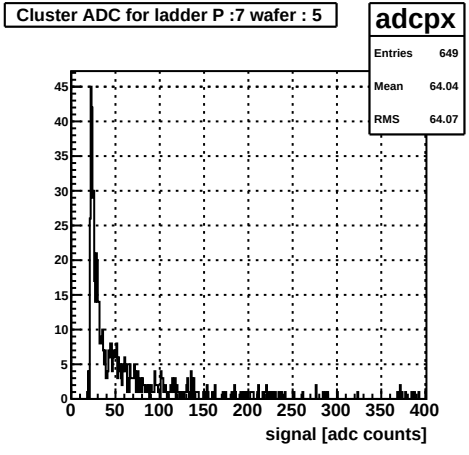

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 1616
Mean 46.59
RMS 49.05
signal [adc counts]

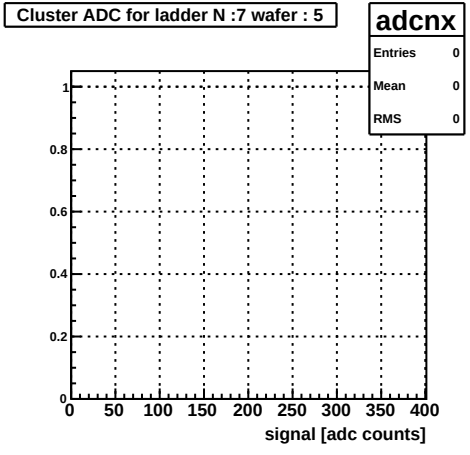

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 4292
Mean 30.71
RMS 34.19
signal [adc counts]

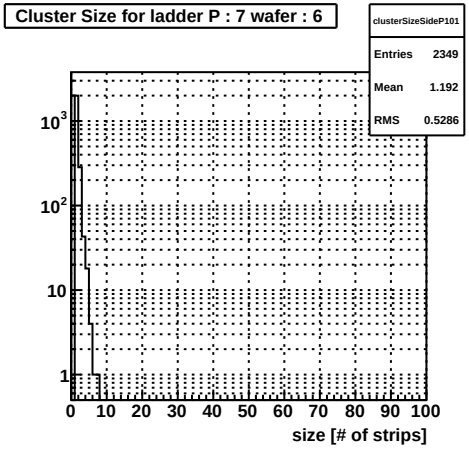

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 649
Mean 1.227
RMS 0.5144
size [# of strips]

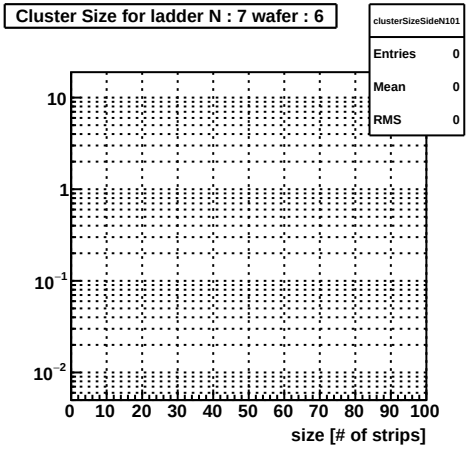

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

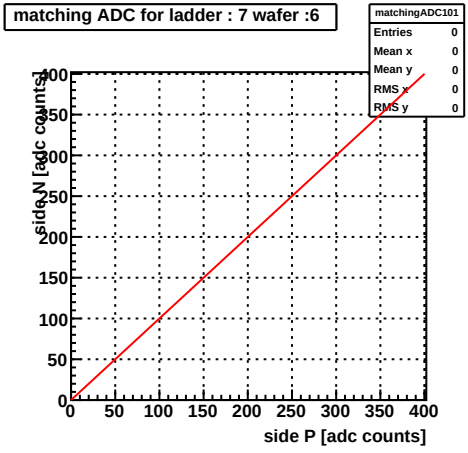

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

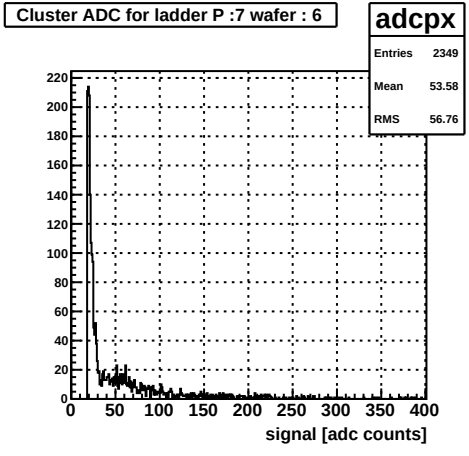

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 649
Mean 64.04
RMS 64.07
signal [adc counts]

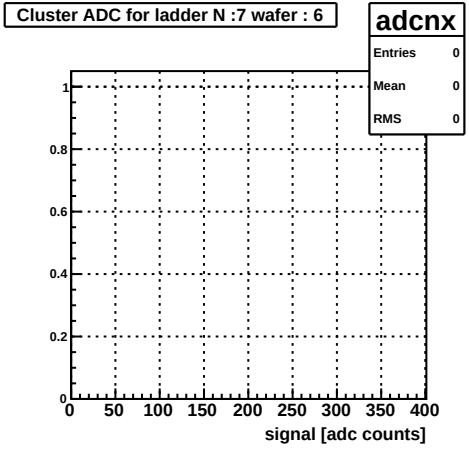

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

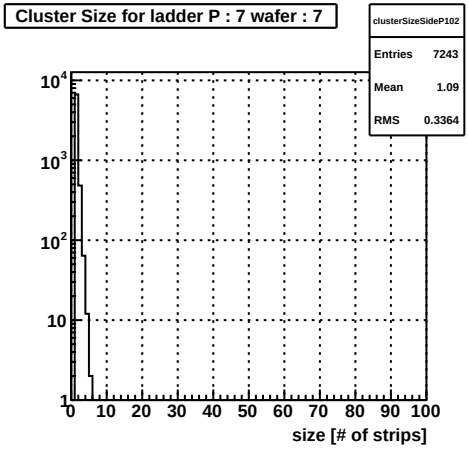

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 2349
Mean 1.192
RMS 0.5286
size [# of strips]

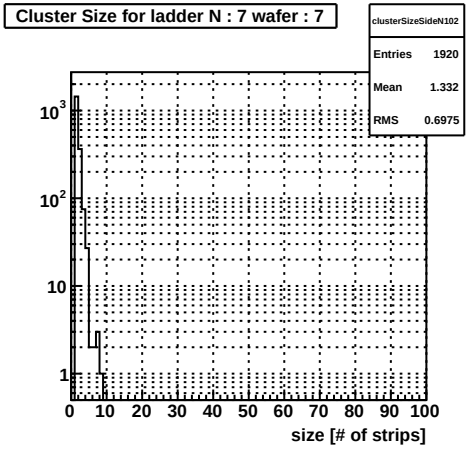

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

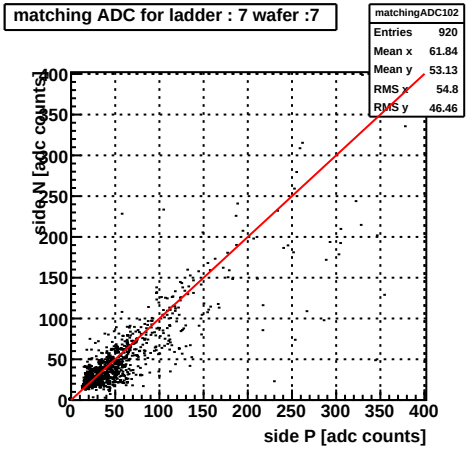

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

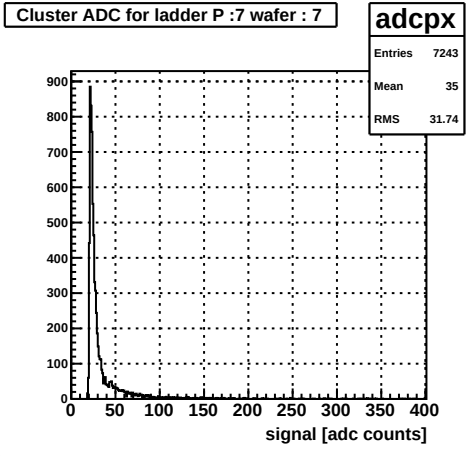

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 2349
Mean 53.58
RMS 56.76
signal [adc counts]

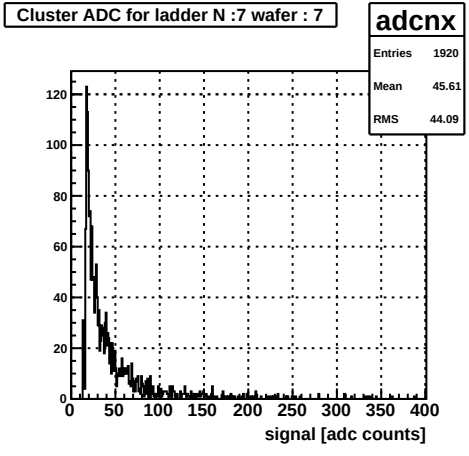

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

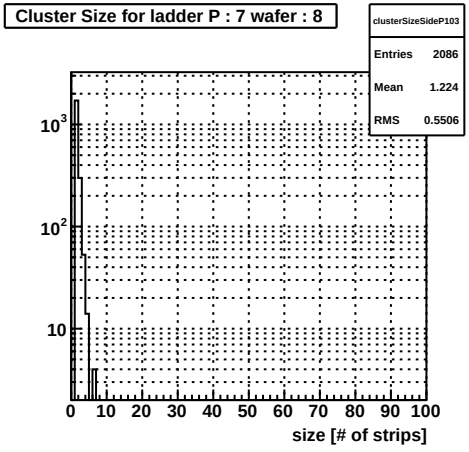

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 7243
Mean 1.09
RMS 0.3364
size [# of strips]

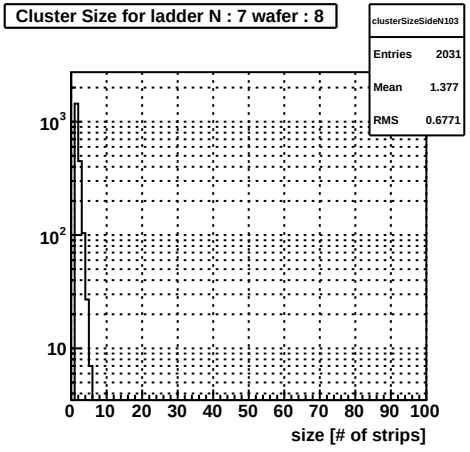

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 1920
Mean 1.332
RMS 0.6975
size [# of strips]

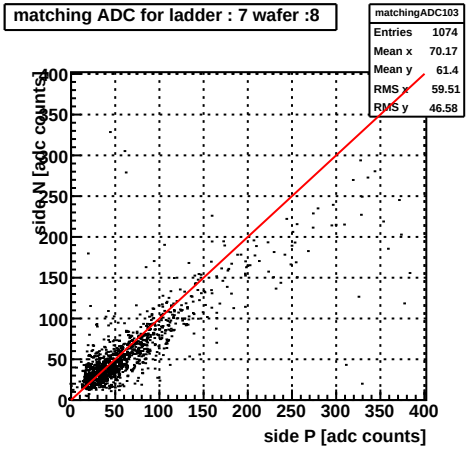

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 920
Mean x 61.84
Mean y 53.13
RMS x 54.8
RMS y 46.46
side N [adc counts]
side P [adc counts]

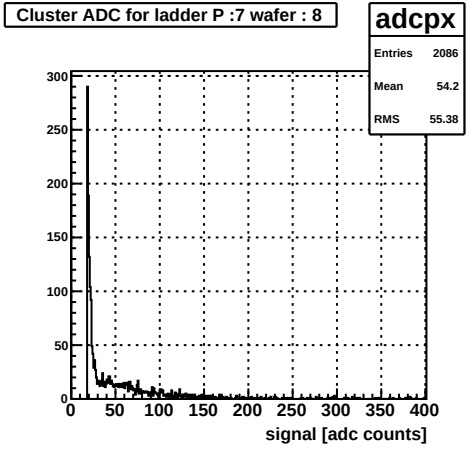

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 7243
Mean 35
RMS 31.74
signal [adc counts]

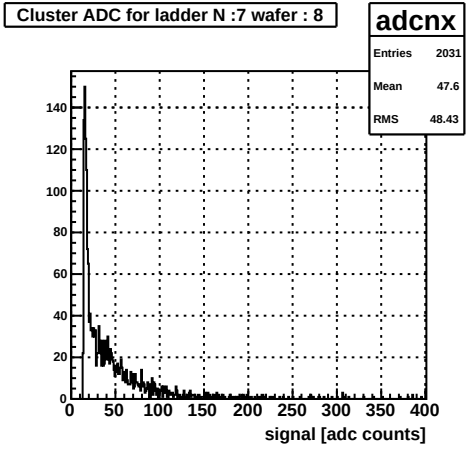

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 1920
Mean 45.61
RMS 44.09
signal [adc counts]

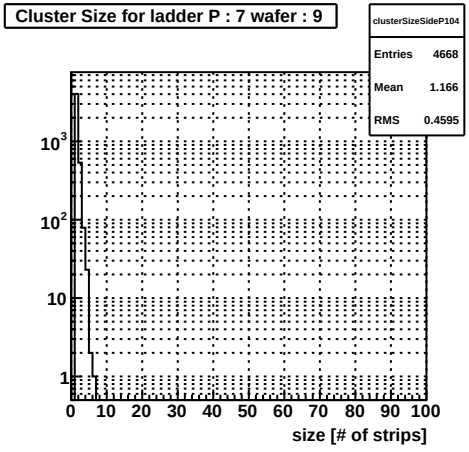

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2086
Mean 1.224
RMS 0.5506
size [# of strips]

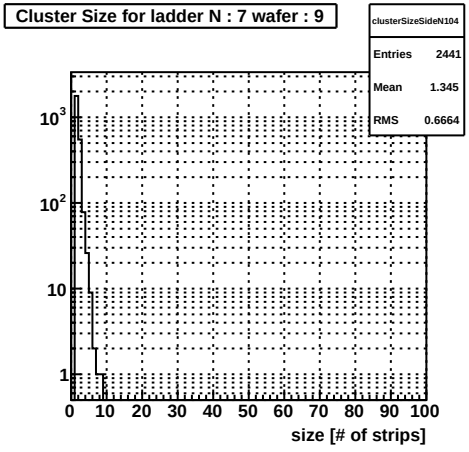

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 2031
Mean 1.377
RMS 0.6771
size [# of strips]

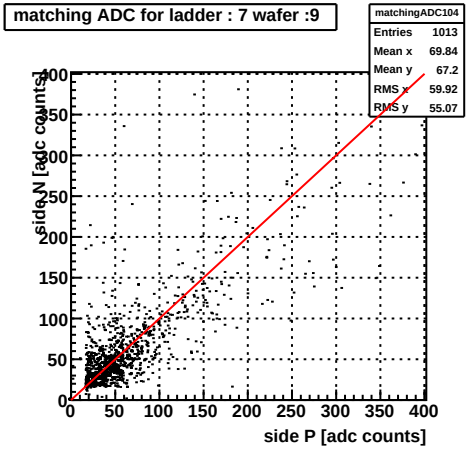

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1074
Mean x 70.17
Mean y 61.4
RMS x 59.51
RMS y 46.58
side N [adc counts]
side P [adc counts]

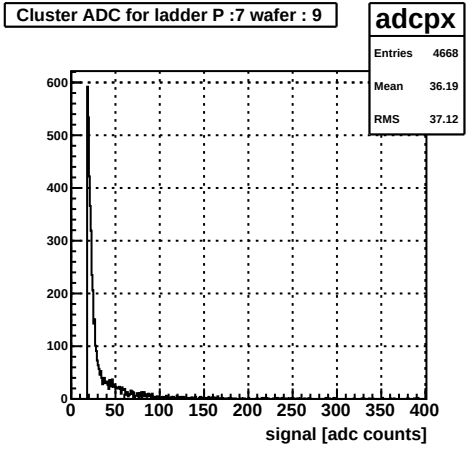

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2086
Mean 54.2
RMS 55.38
signal [adc counts]

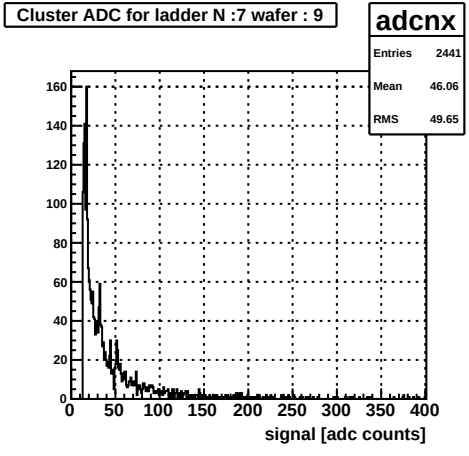

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 2031
Mean 47.6
RMS 48.43
signal [adc counts]

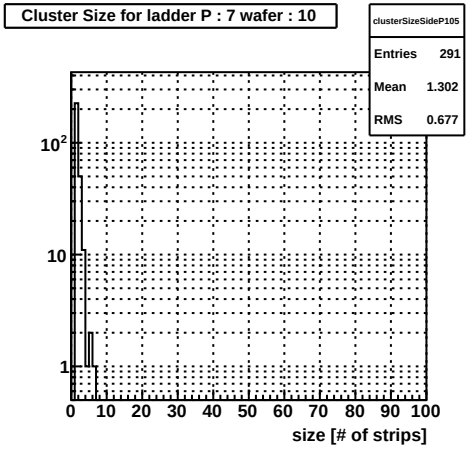

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 4668
Mean 1.166
RMS 0.4595
size [# of strips]

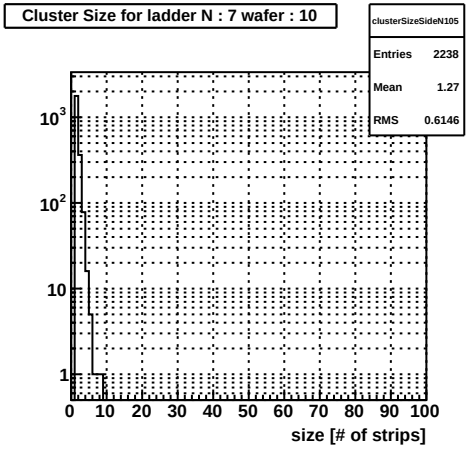

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 2441
Mean 1.345
RMS 0.6664
size [# of strips]

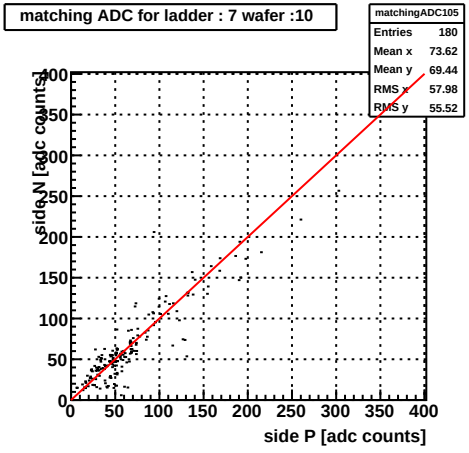

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1013
Mean x 69.84
Mean y 67.2
RMS x 59.92
RMS y 55.07
side N [adc counts]
side P [adc counts]

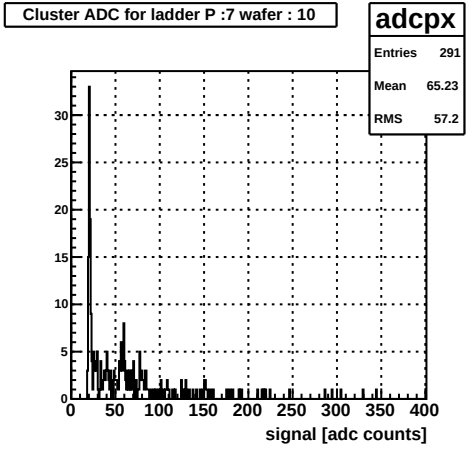

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 4668
Mean 36.19
RMS 37.12
signal [adc counts]

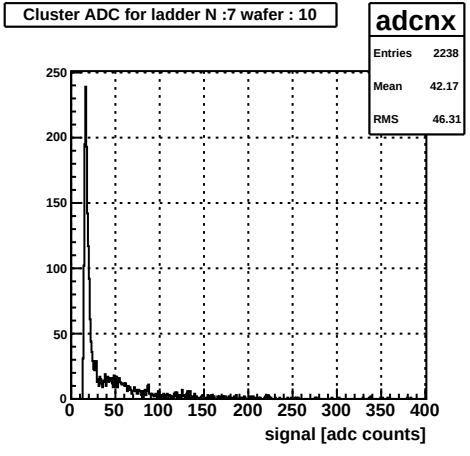

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 2441
Mean 46.06
RMS 49.65
signal [adc counts]

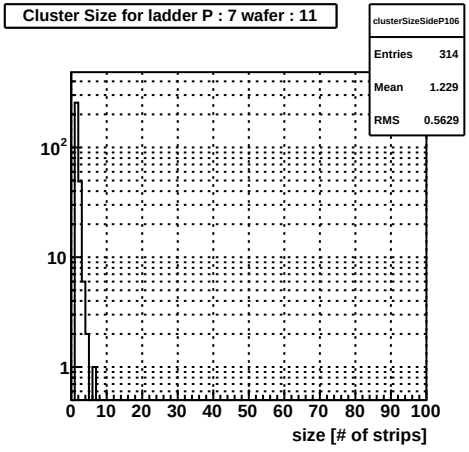

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 291
Mean 1.302
RMS 0.677
size [# of strips]

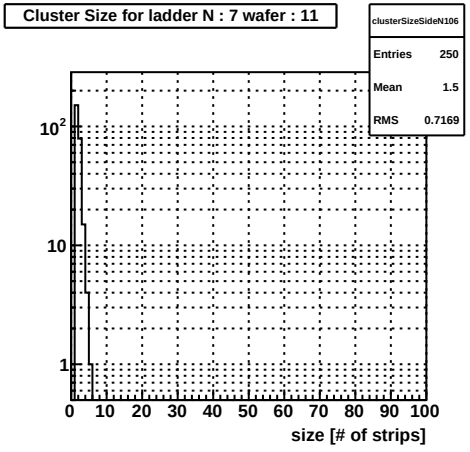

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 2238
Mean 1.27
RMS 0.6146
size [# of strips]

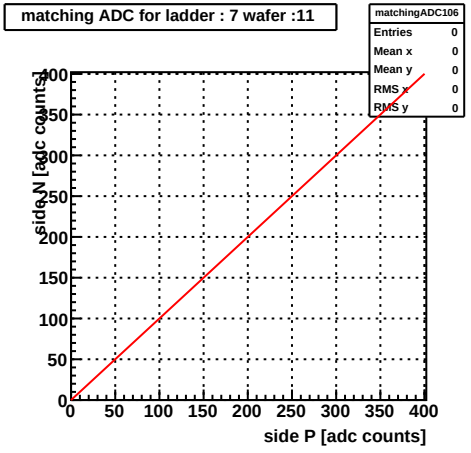

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 180
Mean x 73.62
Mean y 69.44
RMS x 57.98
RMS y 55.52
side N [adc counts]
side P [adc counts]

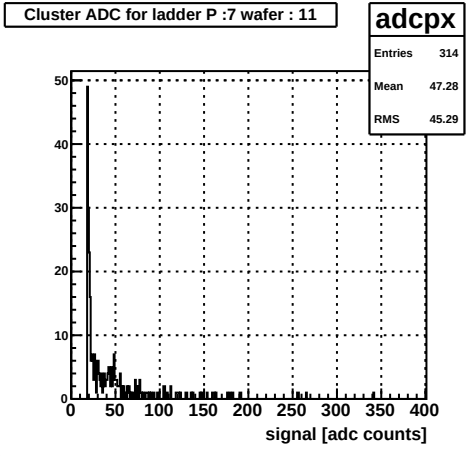

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 291
Mean 65.23
RMS 57.2
signal [adc counts]

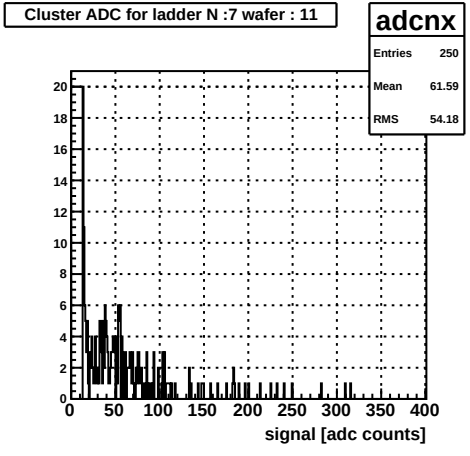

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 2238
Mean 42.17
RMS 46.31
signal [adc counts]

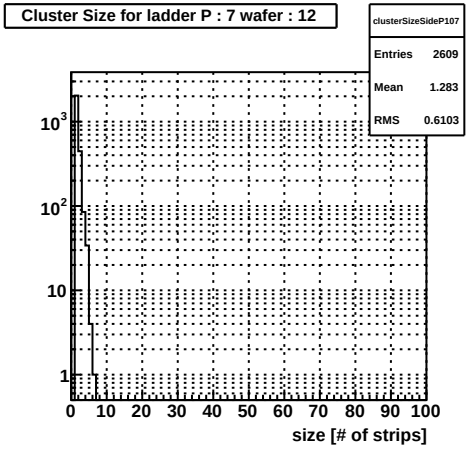

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 314
Mean 1.229
RMS 0.5629
size [# of strips]

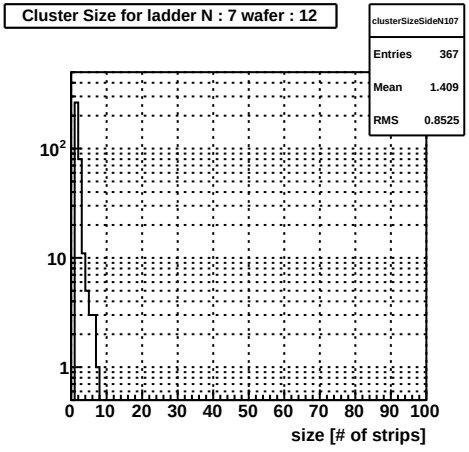

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 250
Mean 1.5
RMS 0.7169
size [# of strips]

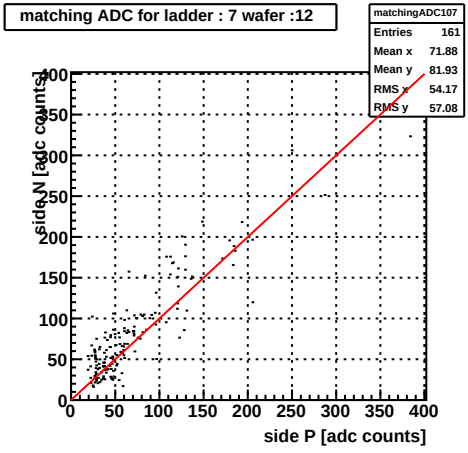

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

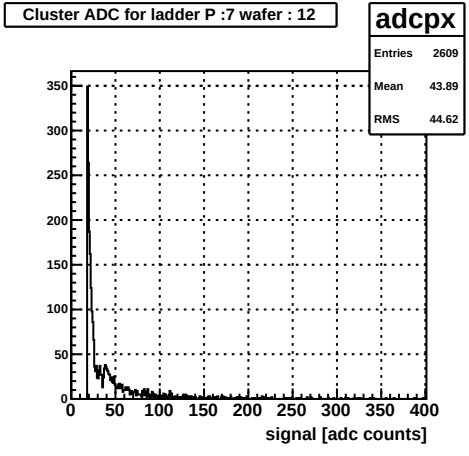

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 314
Mean 47.28
RMS 45.29
signal [adc counts]

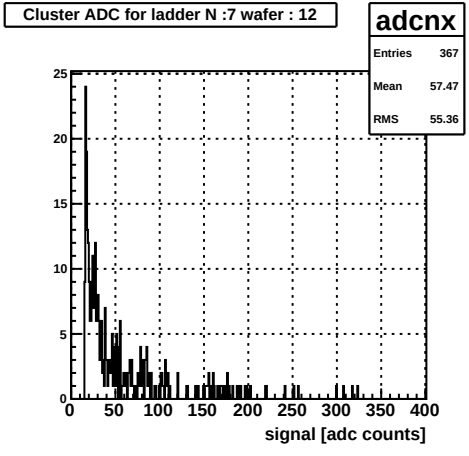

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 250
Mean 61.59
RMS 54.18
signal [adc counts]

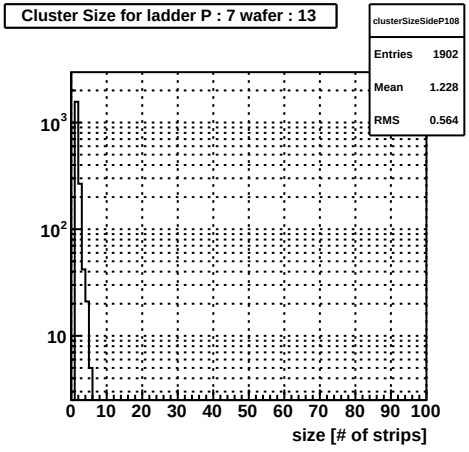

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 2609
Mean 1.283
RMS 0.6103
size [# of strips]

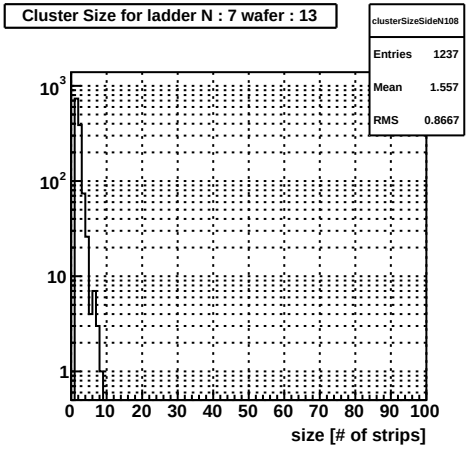

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 367
Mean 1.409
RMS 0.8525
size [# of strips]

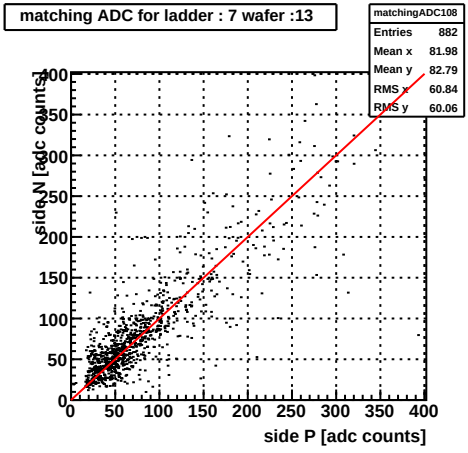

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 161
Mean x 71.88
Mean y 81.93
RMS x 54.17
RMS y 57.08
side N [adc counts]
side P [adc counts]

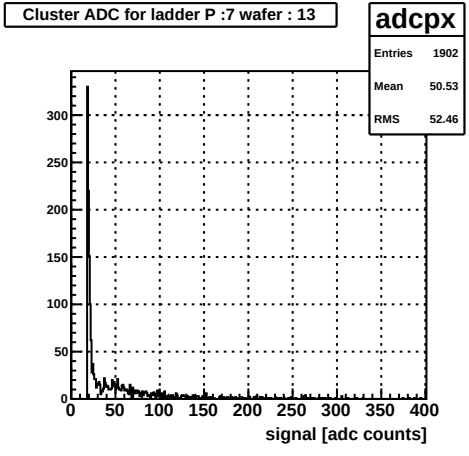

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 2609
Mean 43.89
RMS 44.62
signal [adc counts]

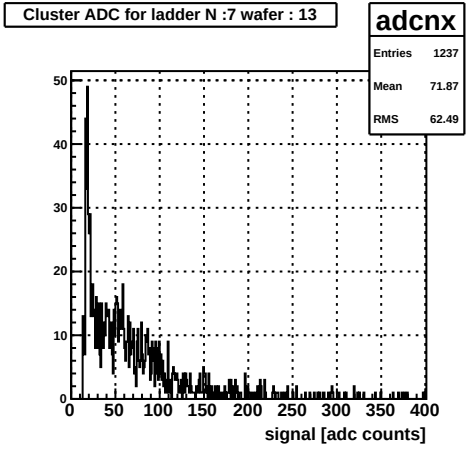

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 367
Mean 57.47
RMS 55.36
signal [adc counts]

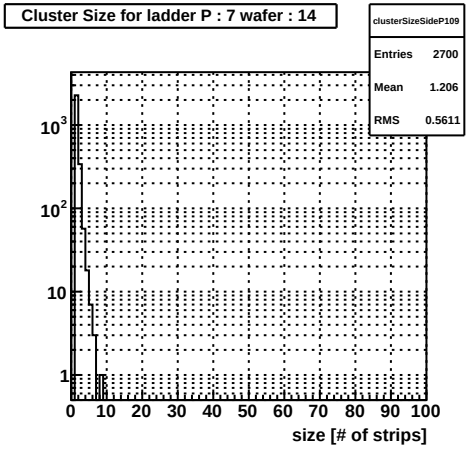

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1902
Mean 1.228
RMS 0.564
size [# of strips]

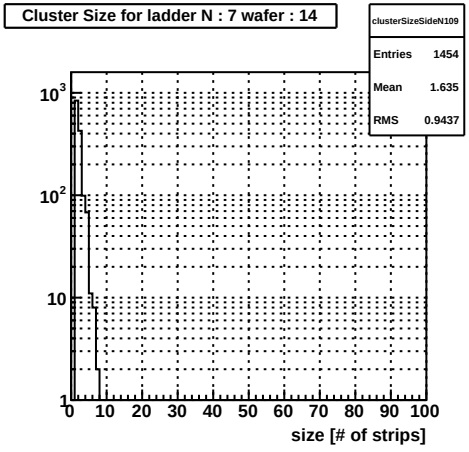

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1237
Mean 1.557
RMS 0.8667
size [# of strips]

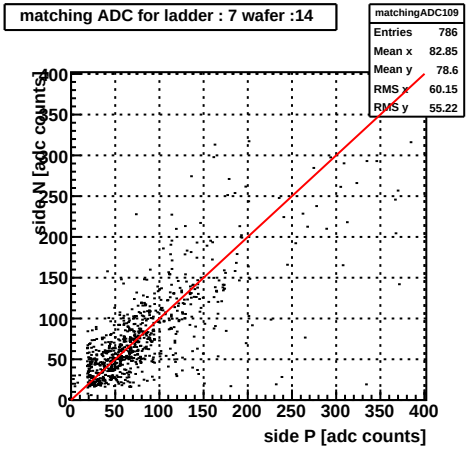

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 882
Mean x 81.98
Mean y 82.79
RMS x 60.84
RMS y 60.06
side N [adc counts]
side P [adc counts]

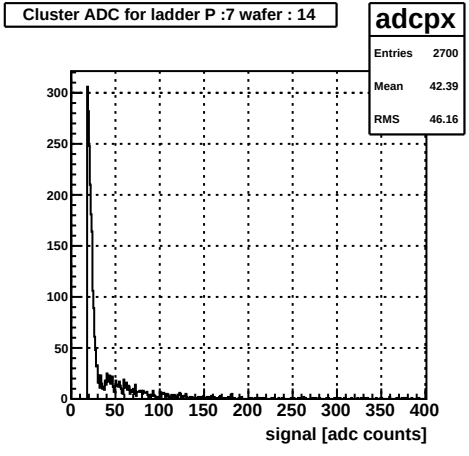

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1902
Mean 50.53
RMS 52.46
signal [adc counts]

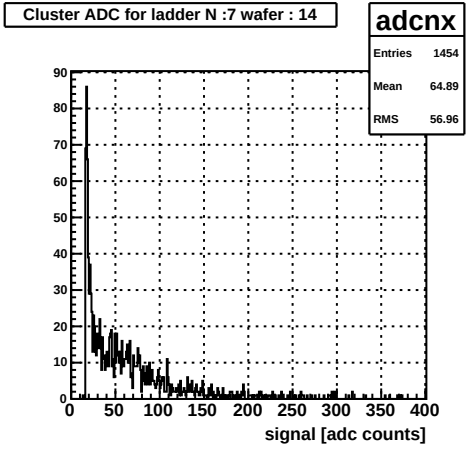

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1237
Mean 71.87
RMS 62.49
signal [adc counts]

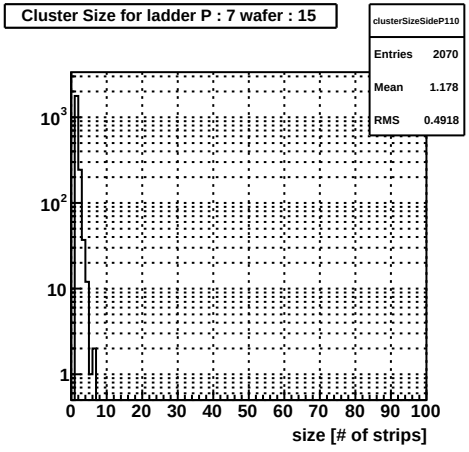

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 2700
Mean 1.206
RMS 0.5611
size [# of strips]

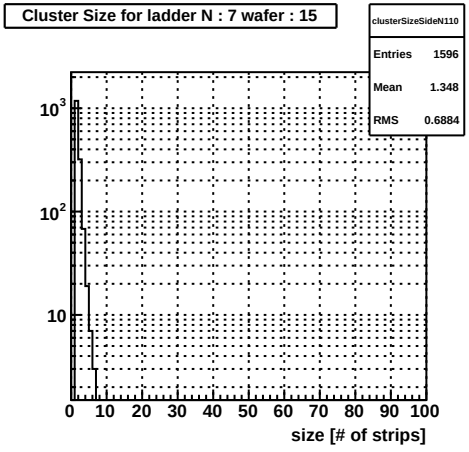

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1454
Mean 1.635
RMS 0.9437
size [# of strips]

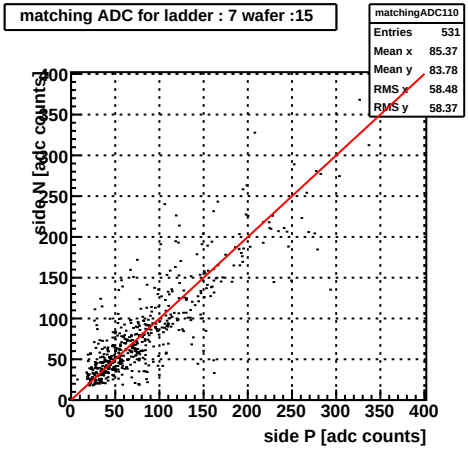

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 786
Mean x 82.85
Mean y 78.6
RMS x 60.15
RMS y 55.22
side N [adc counts]
side P [adc counts]

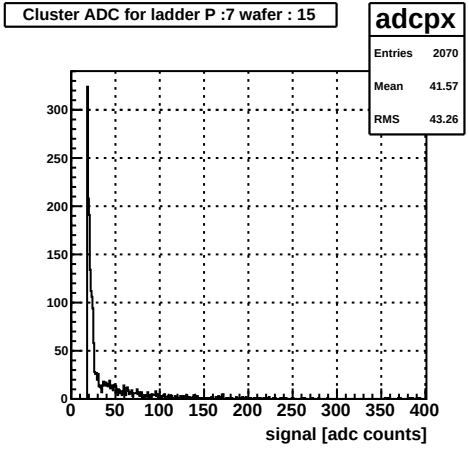

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 2700
Mean 42.39
RMS 46.16
signal [adc counts]

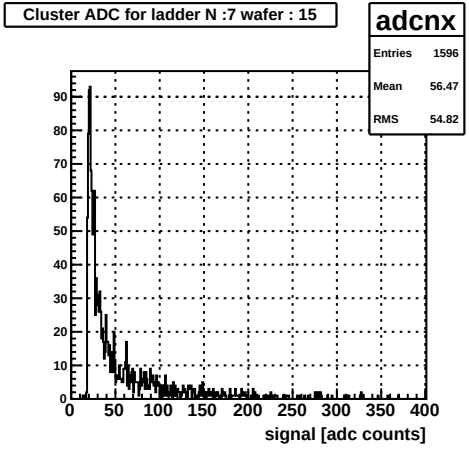

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1454
Mean 64.89
RMS 56.96
signal [adc counts]

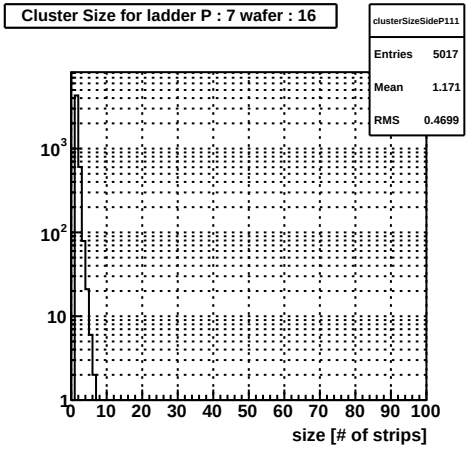

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 2070
Mean 1.178
RMS 0.4918
size [# of strips]

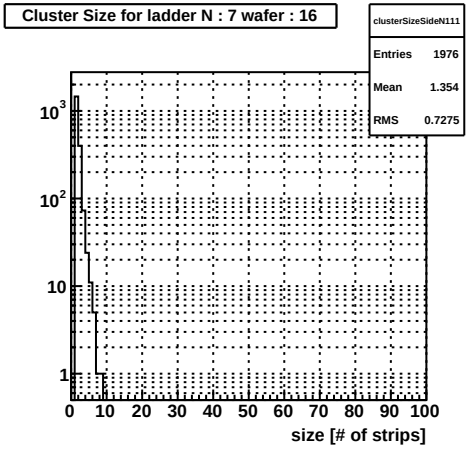

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1596
Mean 1.348
RMS 0.6884
size [# of strips]

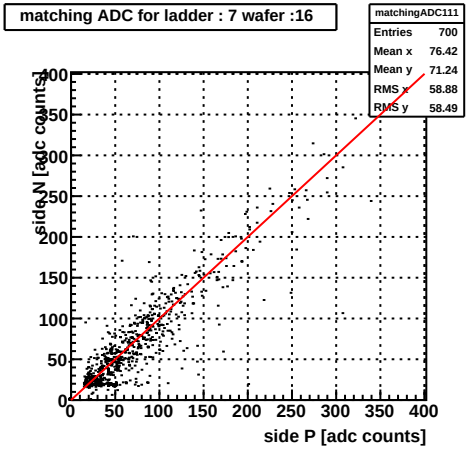

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 531
Mean x 85.37
Mean y 83.78
RMS x 58.48
RMS y 58.37
side N [adc counts]
side P [adc counts]

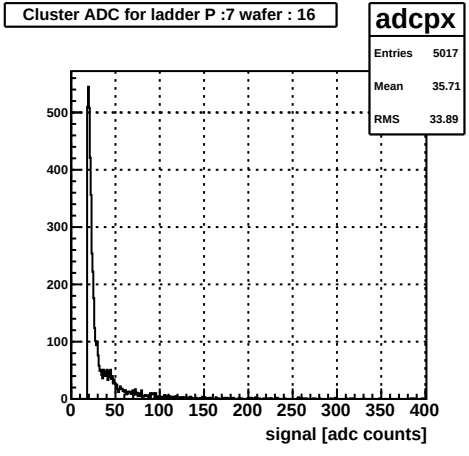

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 2070
Mean 41.57
RMS 43.26
signal [adc counts]

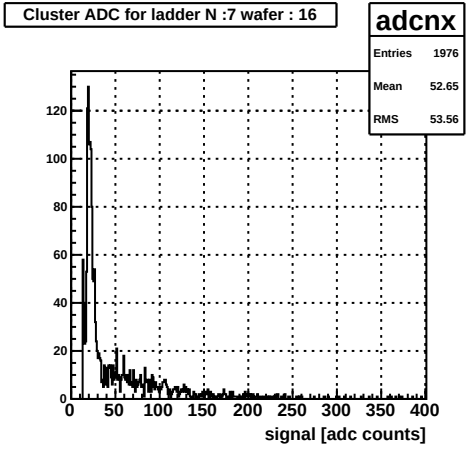

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1596
Mean 56.47
RMS 54.82
signal [adc counts]

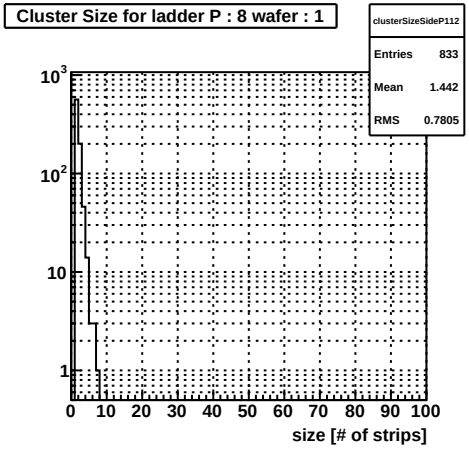

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 5017
Mean 1.171
RMS 0.4699
size [# of strips]

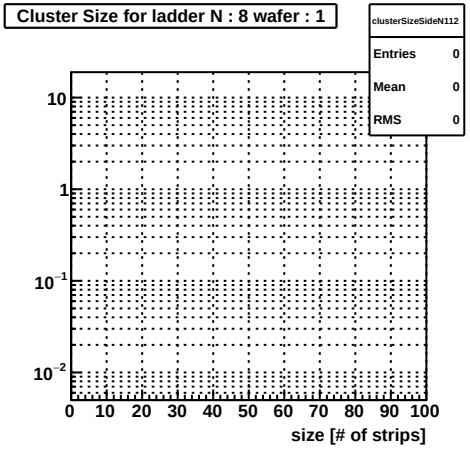

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 1976
Mean 1.354
RMS 0.7275
size [# of strips]

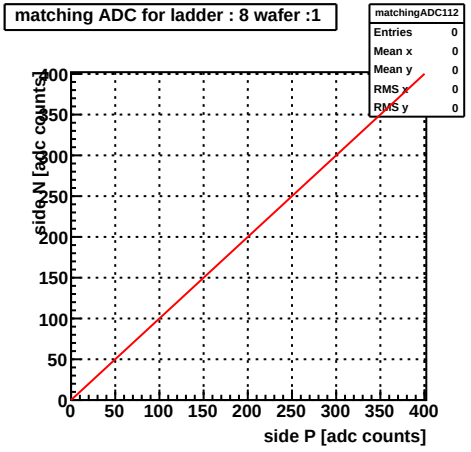

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 700
Mean x 76.42
Mean y 71.24
RMS x 58.88
RMS y 58.49
side N [adc counts]
side P [adc counts]

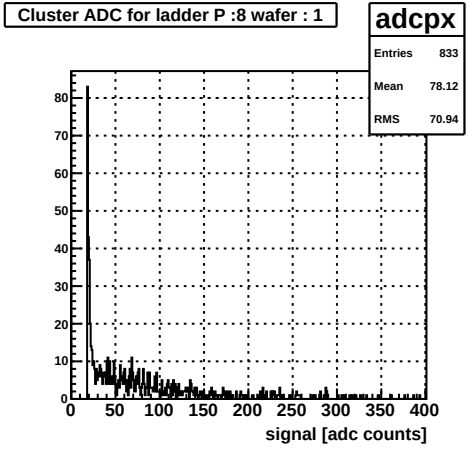

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 5017
Mean 35.71
RMS 33.89
signal [adc counts]

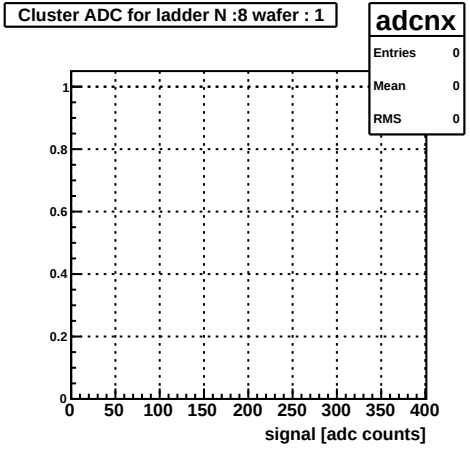

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 1976
Mean 52.65
RMS 53.56
signal [adc counts]

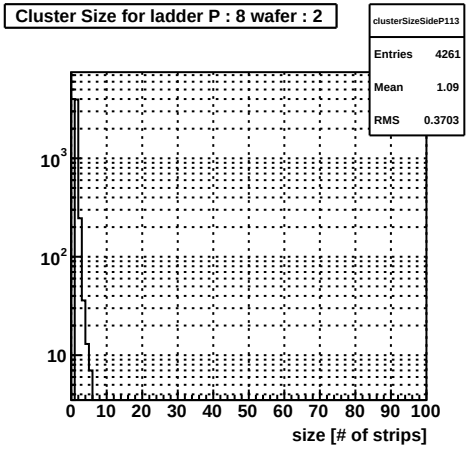

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 833
Mean 1.442
RMS 0.7805
size [# of strips]

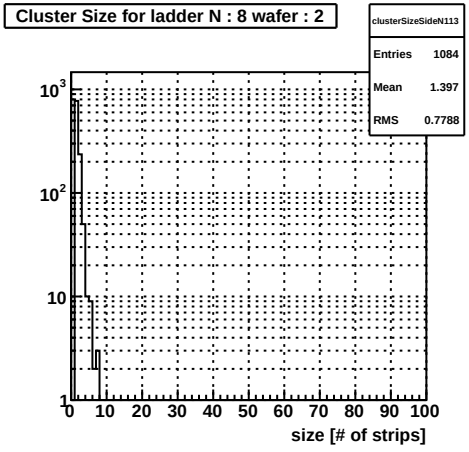

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

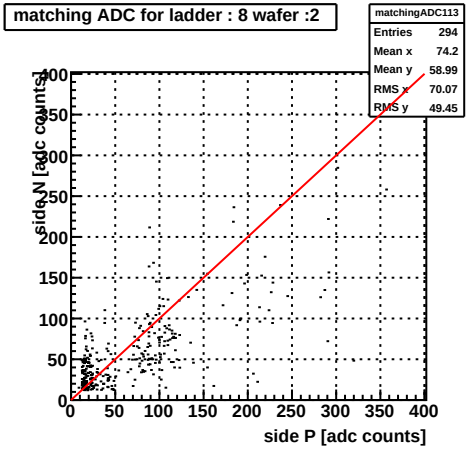

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

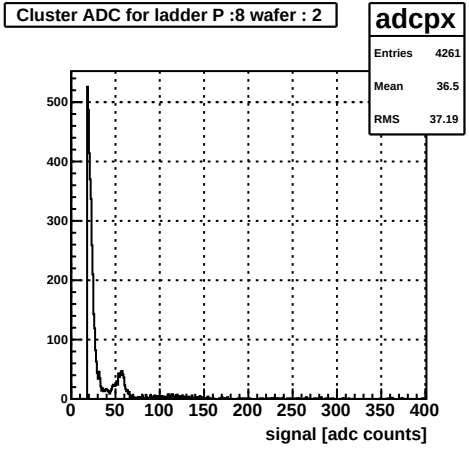

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 833
Mean 78.12
RMS 70.94
signal [adc counts]

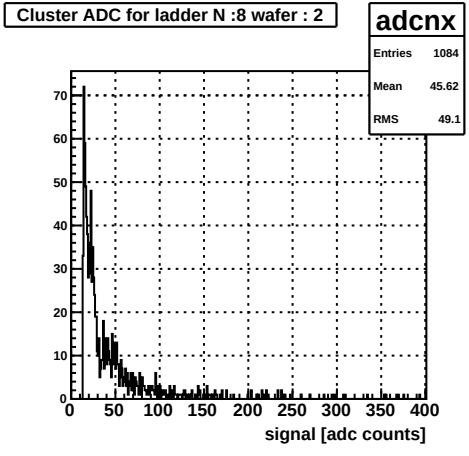

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

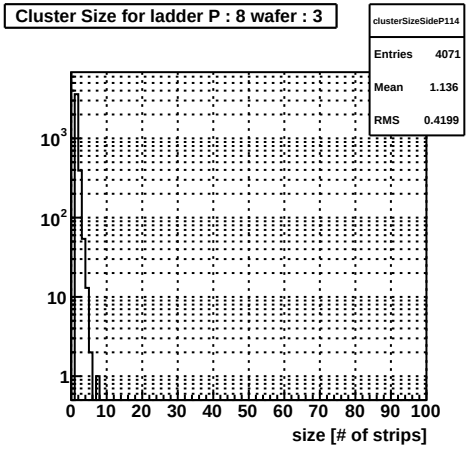

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 4261
Mean 1.09
RMS 0.3703
size [# of strips]

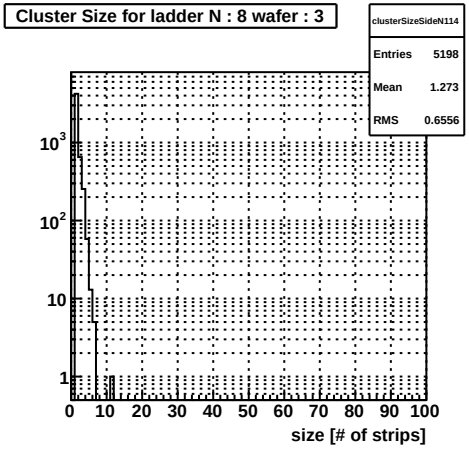

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1084
Mean 1.397
RMS 0.7788
size [# of strips]

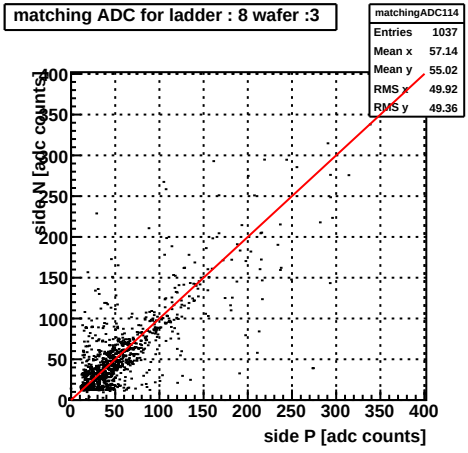

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 294
Mean x 74.2
Mean y 58.99
RMS x 70.07
RMS y 49.45
side N [adc counts]
side P [adc counts]

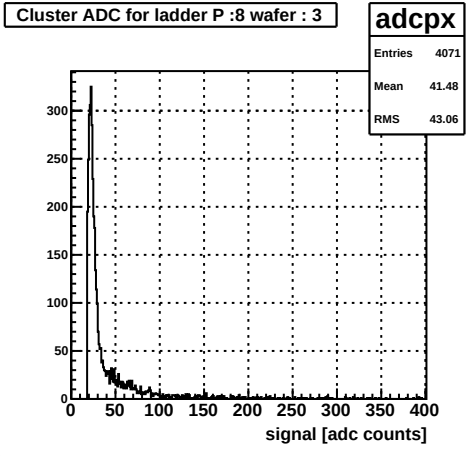

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 4261
Mean 36.5
RMS 37.19
signal [adc counts]

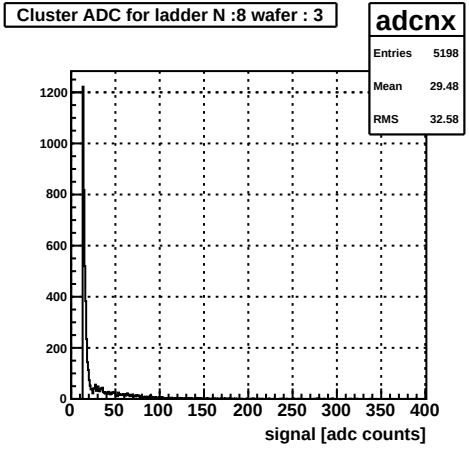

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1084
Mean 45.62
RMS 49.1
signal [adc counts]

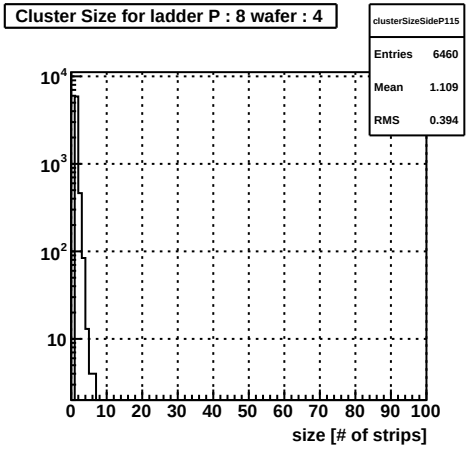

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 4071
Mean 1.136
RMS 0.4199
size [# of strips]

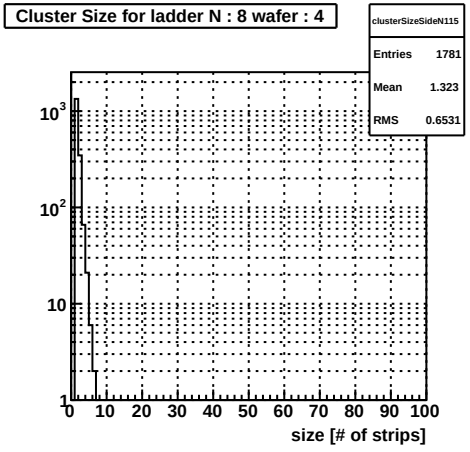

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 5198
Mean 1.273
RMS 0.6556
size [# of strips]

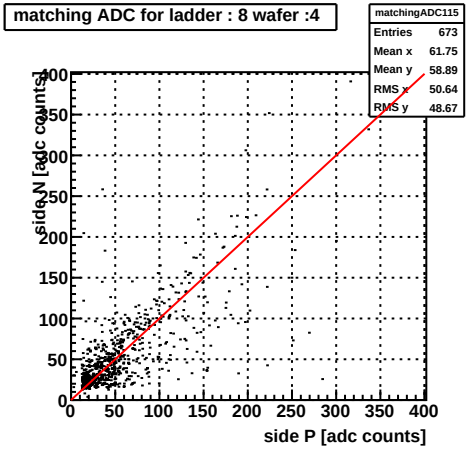

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1037
Mean x 57.14
Mean y 55.02
RMS x 49.92
RMS y 49.36
side N [adc counts]
side P [adc counts]

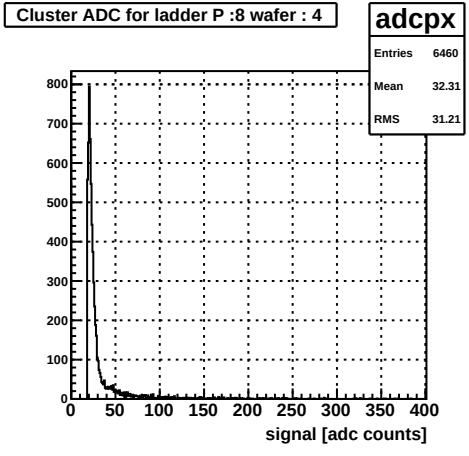

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 4071
Mean 41.48
RMS 43.06
signal [adc counts]

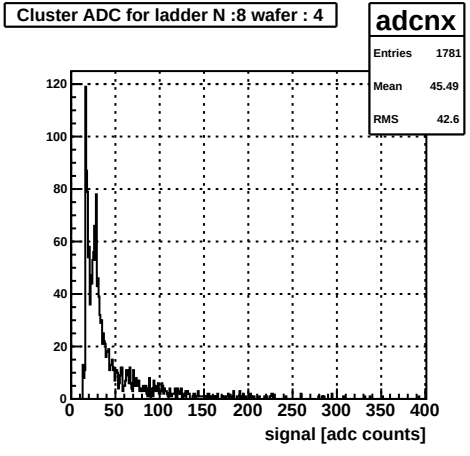

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 5198
Mean 29.48
RMS 32.58
signal [adc counts]

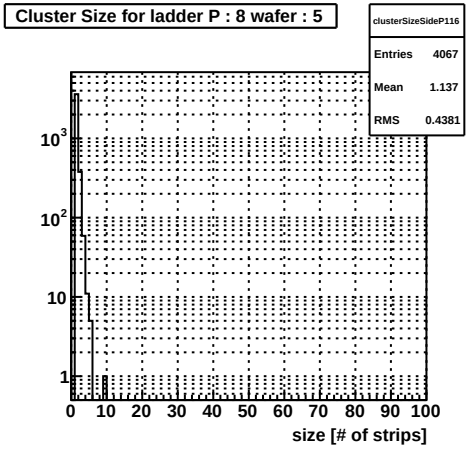

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 6460
Mean 1.109
RMS 0.394
size [# of strips]

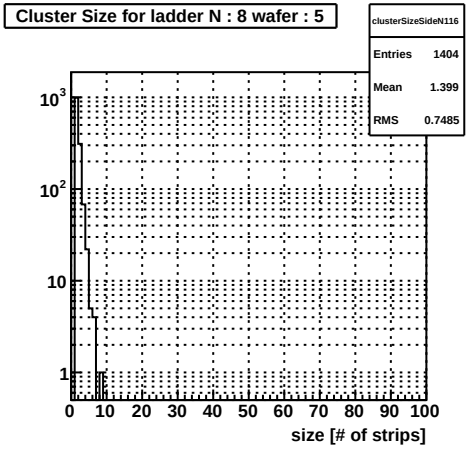

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 1781
Mean 1.323
RMS 0.6531
size [# of strips]

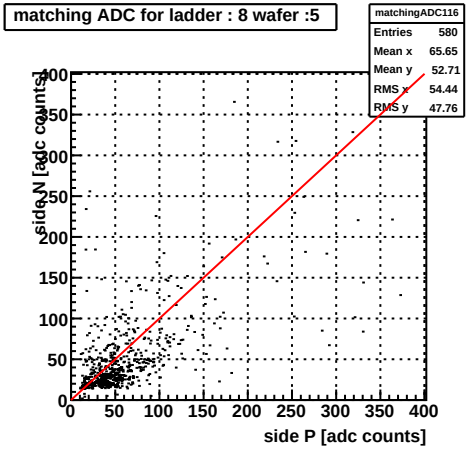

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 673
Mean x 61.75
Mean y 58.89
RMS x 50.64
RMS y 48.67
side N [adc counts]
side P [adc counts]

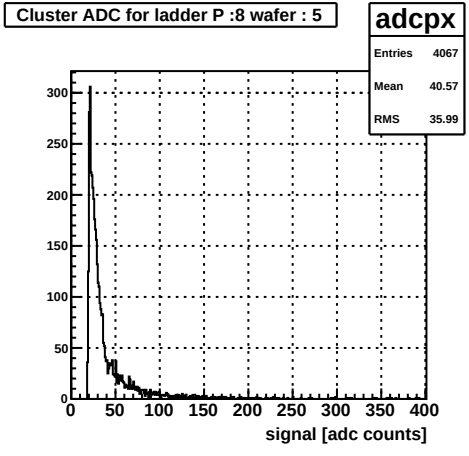

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 6460
Mean 32.31
RMS 31.21
signal [adc counts]

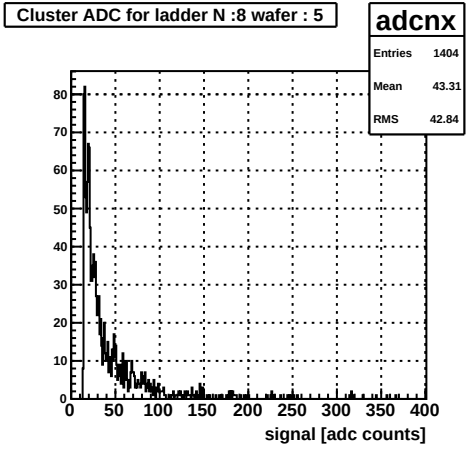

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 1781
Mean 45.49
RMS 42.6
signal [adc counts]

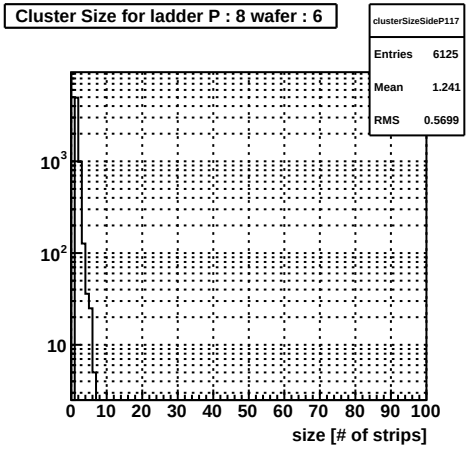

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 4067
Mean 1.137
RMS 0.4381
size [# of strips]

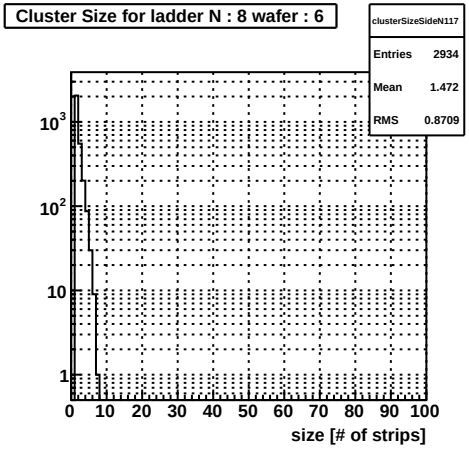

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 1404
Mean 1.399
RMS 0.7485
size [# of strips]

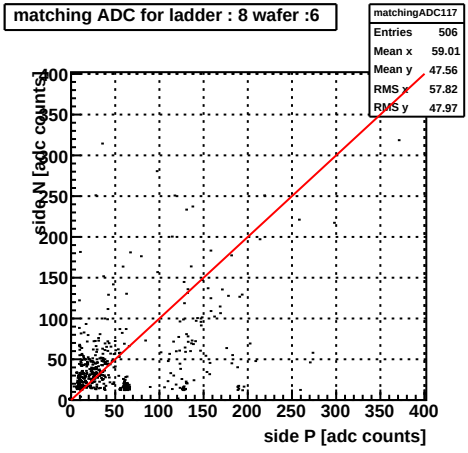

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 580
Mean x 65.65
Mean y 52.71
RMS x 54.44
RMS y 47.76
side N [adc counts]
side P [adc counts]

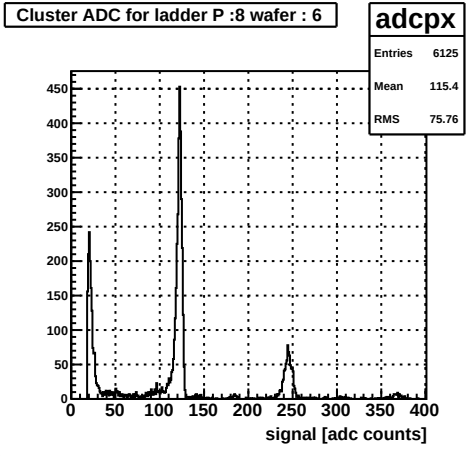

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 4067
Mean 40.57
RMS 35.99
signal [adc counts]

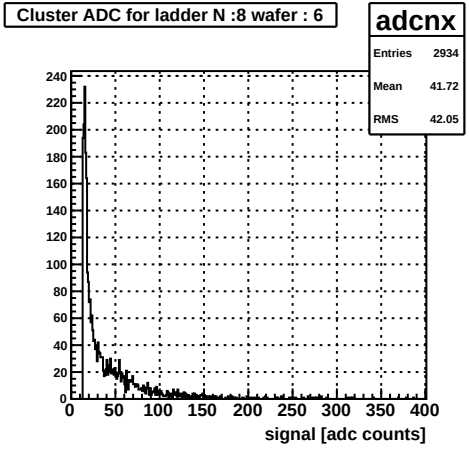

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 1404
Mean 43.31
RMS 42.84
signal [adc counts]

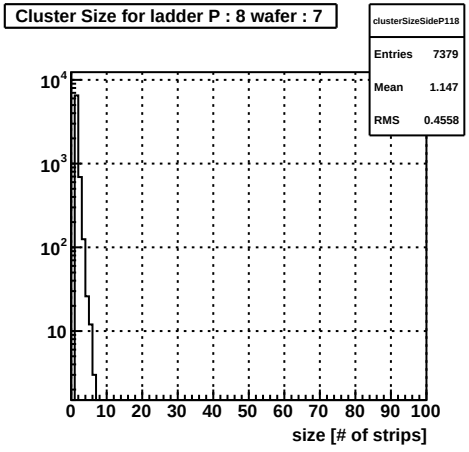

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 6125
Mean 1.241
RMS 0.5699
size [# of strips]

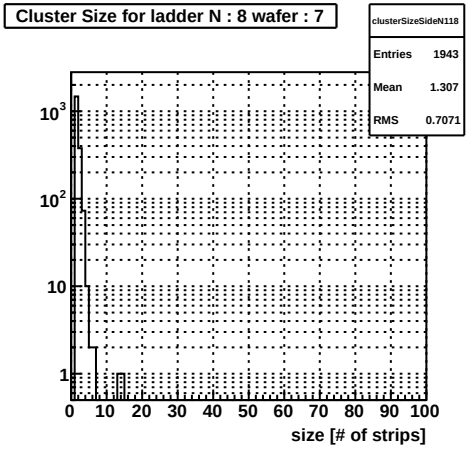

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 2934
Mean 1.472
RMS 0.8709
size [# of strips]

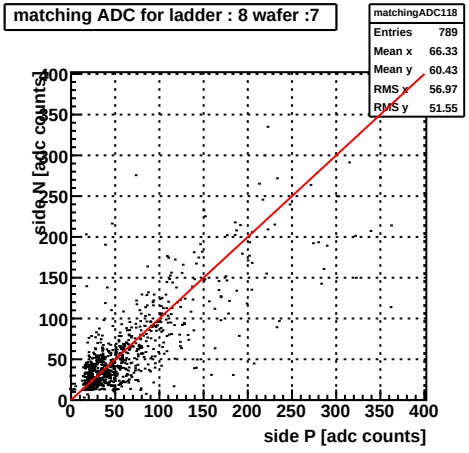

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 506
Mean x 59.01
Mean y 47.56
RMS x 57.82
RMS y 47.97
side N [adc counts]
side P [adc counts]

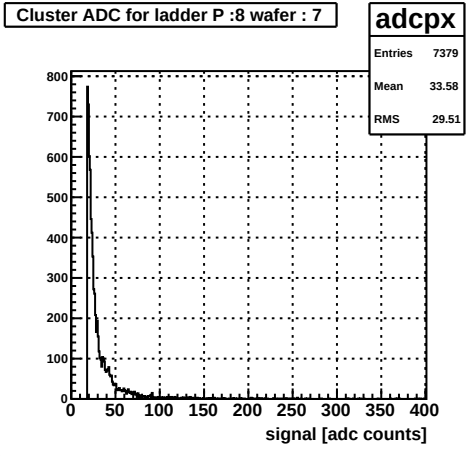

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 6125
Mean 115.4
RMS 75.76
signal [adc counts]

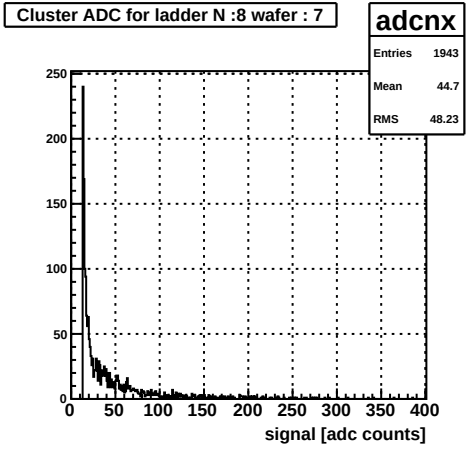

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 2934
Mean 41.72
RMS 42.05
signal [adc counts]

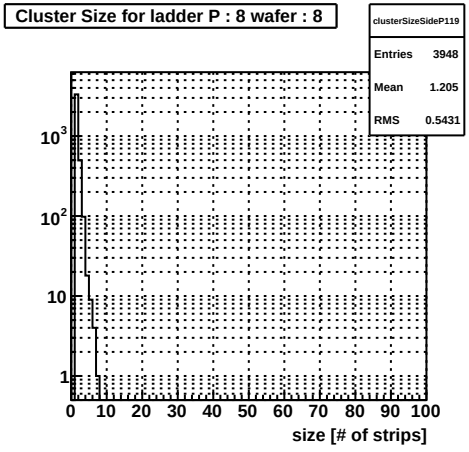

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 7379
Mean 1.147
RMS 0.4558
size [# of strips]

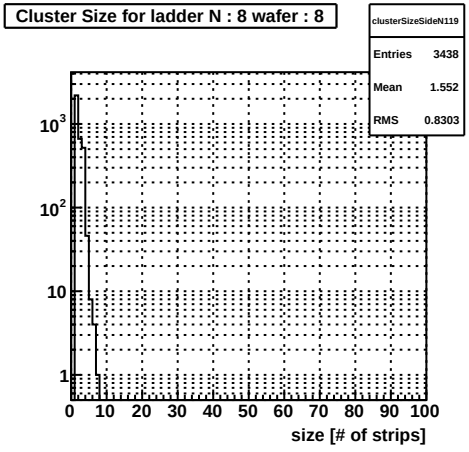

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 1943
Mean 1.307
RMS 0.7071
size [# of strips]

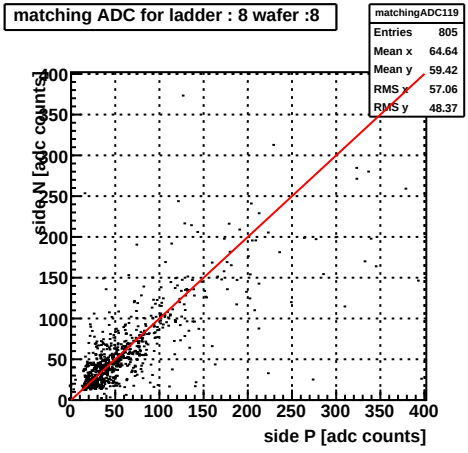

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 789
Mean x 66.33
Mean y 60.43
RMS x 56.97
RMS y 51.55
side N [adc counts]
side P [adc counts]

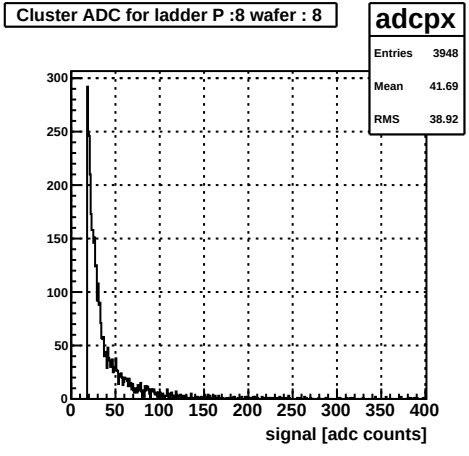

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 7379
Mean 33.58
RMS 29.51
signal [adc counts]

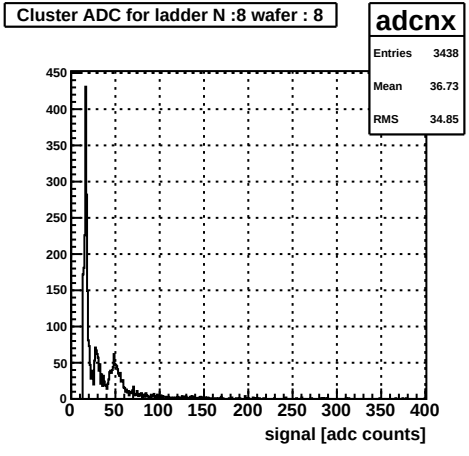

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 1943
Mean 44.7
RMS 48.23
signal [adc counts]

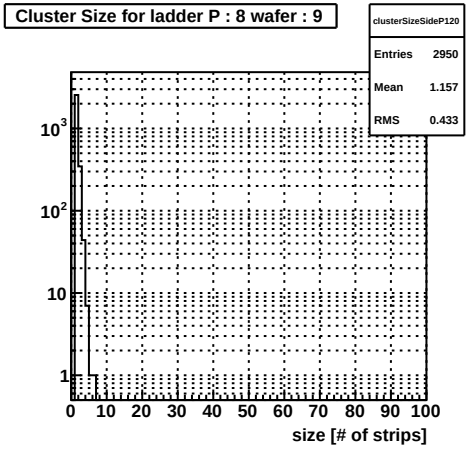

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 3948
Mean 1.205
RMS 0.5431
size [# of strips]

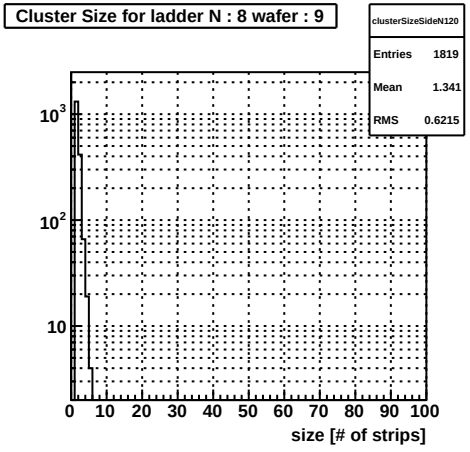

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 3438
Mean 1.552
RMS 0.8303
size [# of strips]

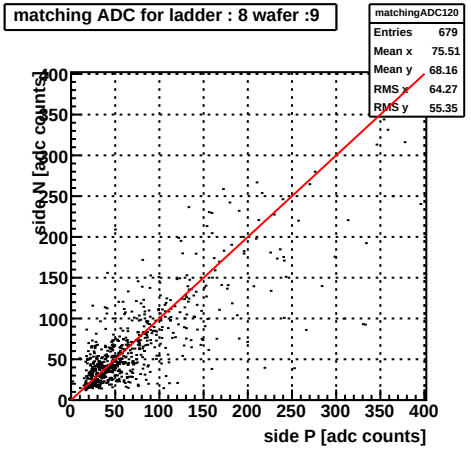

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 805
Mean x 64.64
Mean y 59.42
RMS x 57.06
RMS y 48.37
side N [adc counts]
side P [adc counts]

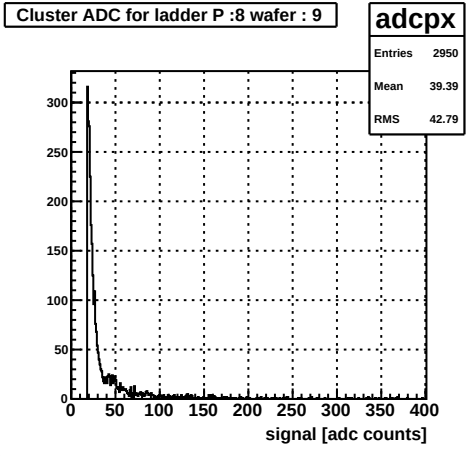

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 3948
Mean 41.69
RMS 38.92
signal [adc counts]

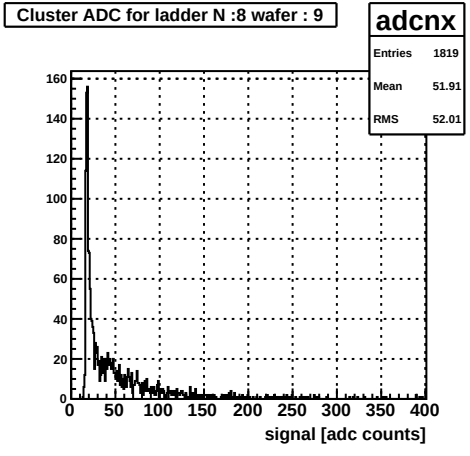

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 3438
Mean 36.73
RMS 34.85
signal [adc counts]

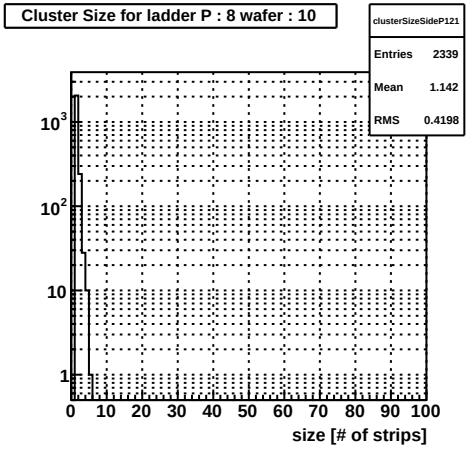

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 2950
Mean 1.157
RMS 0.433
size [# of strips]

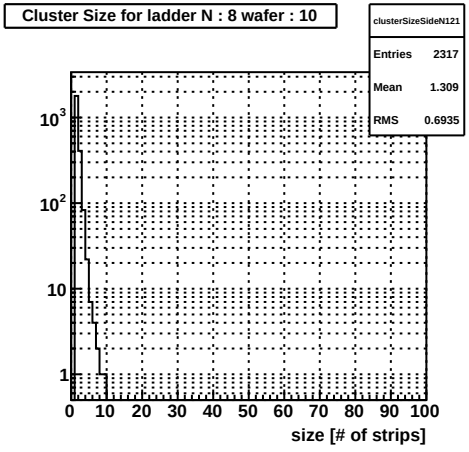

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1819
Mean 1.341
RMS 0.6215
size [# of strips]

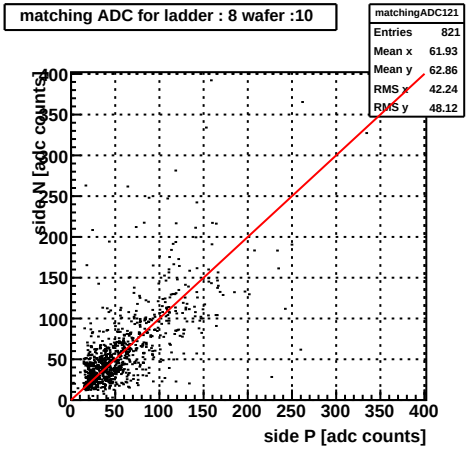

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 679
Mean x 75.51
Mean y 68.16
RMS x 64.27
RMS y 55.35
side N [adc counts]
side P [adc counts]

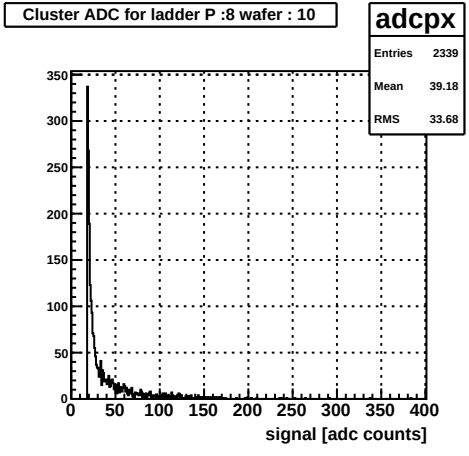

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 2950
Mean 39.39
RMS 42.79
signal [adc counts]

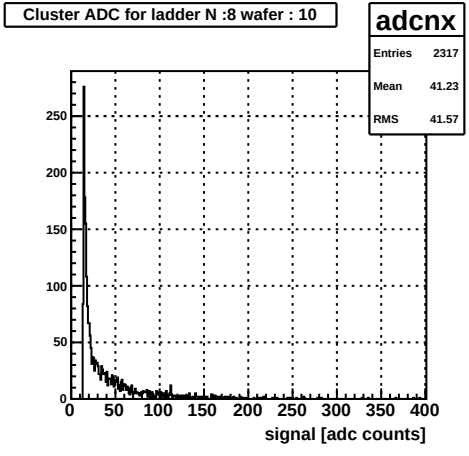

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1819
Mean 51.91
RMS 52.01
signal [adc counts]

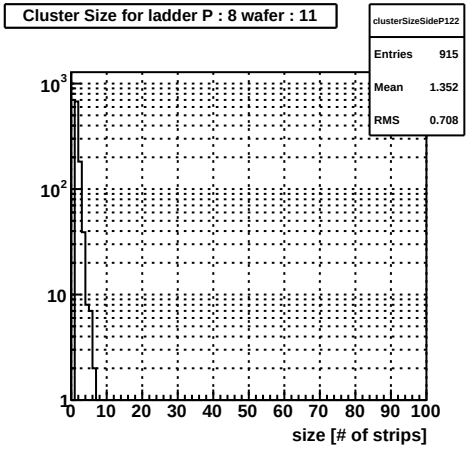

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 2339
Mean 1.142
RMS 0.4198
size [# of strips]

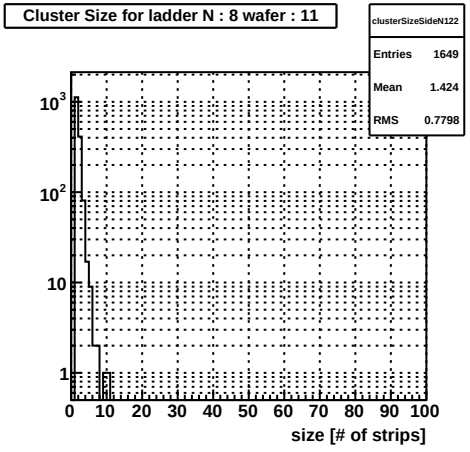

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 2317
Mean 1.309
RMS 0.6935
size [# of strips]

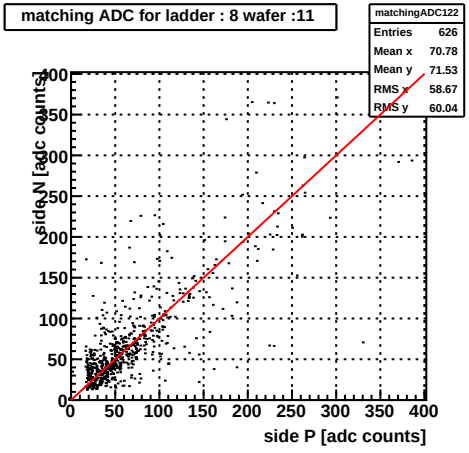

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 821
Mean x 61.93
Mean y 62.86
RMS x 42.24
RMS y 48.12
side N [adc counts]
side P [adc counts]

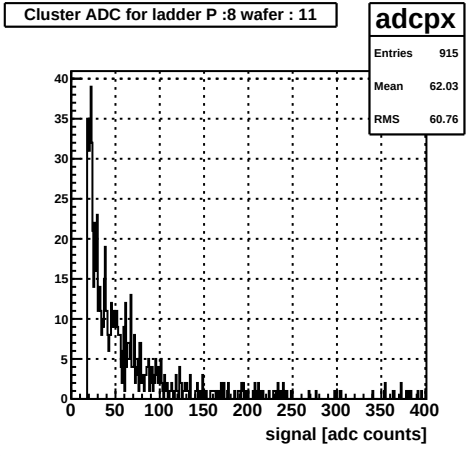

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 2339
Mean 39.18
RMS 33.68
signal [adc counts]

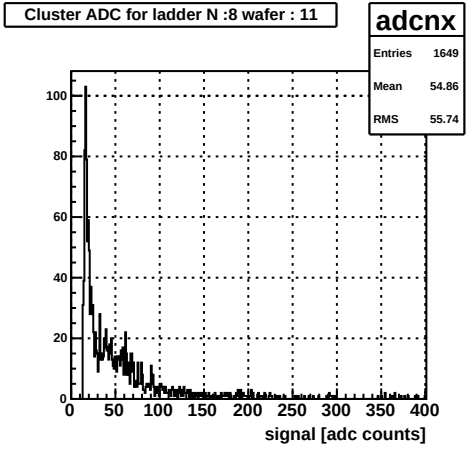

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 2317
Mean 41.23
RMS 41.57
signal [adc counts]

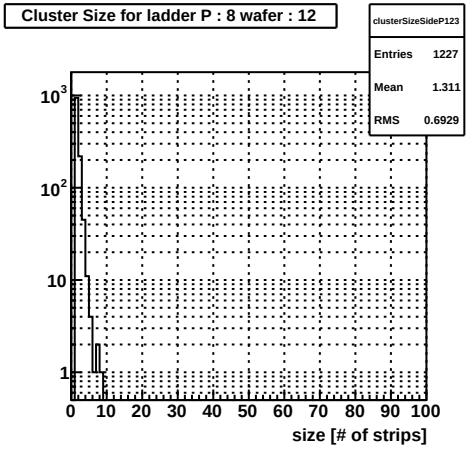

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 915
Mean 1.352
RMS 0.708
size [# of strips]

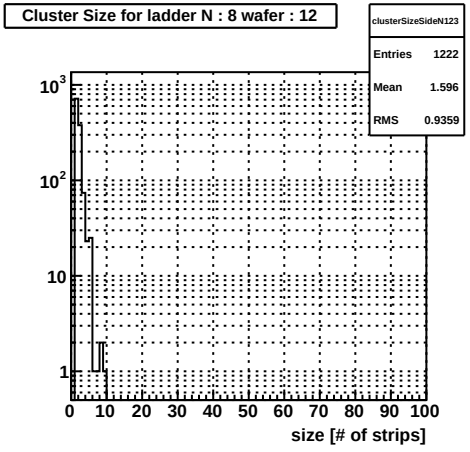

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1649
Mean 1.424
RMS 0.7798
size [# of strips]

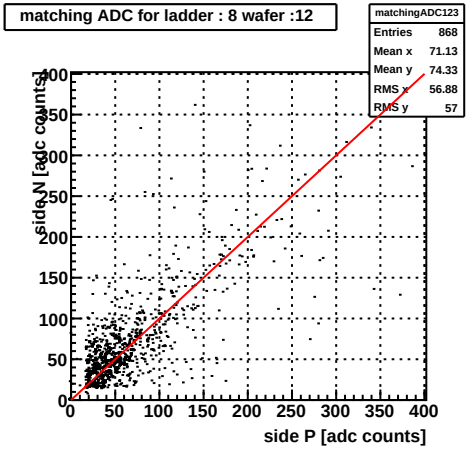

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 626
Mean x 70.78
Mean y 71.53
RMS x 58.67
RMS y 60.04
side N [adc counts]
side P [adc counts]

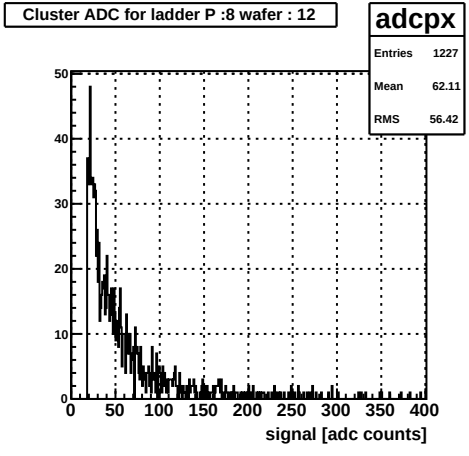

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 915
Mean 62.03
RMS 60.76
signal [adc counts]

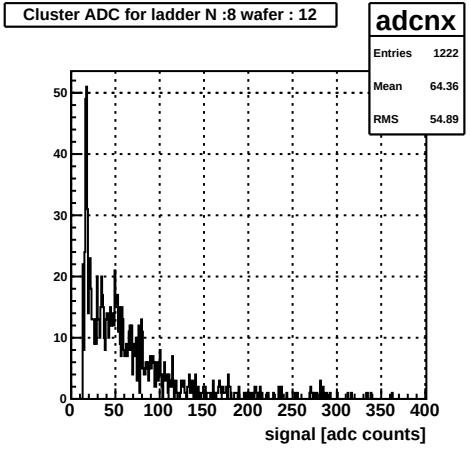

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1649
Mean 54.86
RMS 55.74
signal [adc counts]

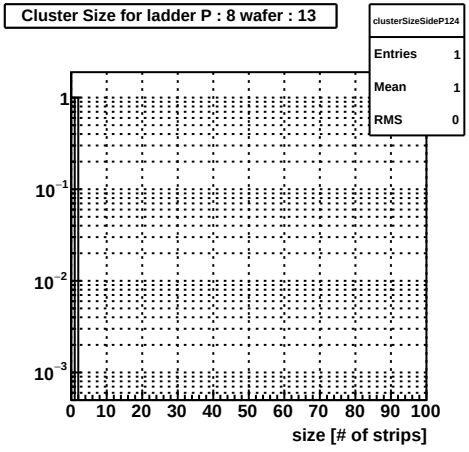

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1227
Mean 1.311
RMS 0.6929
size [# of strips]

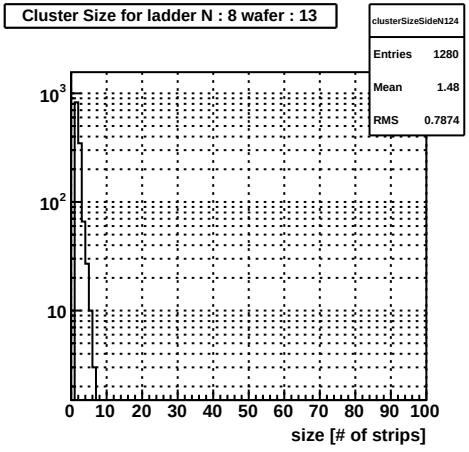

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1222
Mean 1.596
RMS 0.9359
size [# of strips]

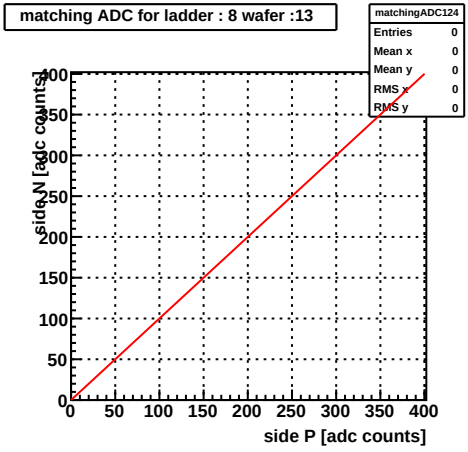

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 868
Mean x 71.13
Mean y 74.33
RMS x 56.88
RMS y 57
side N [adc counts]
side P [adc counts]

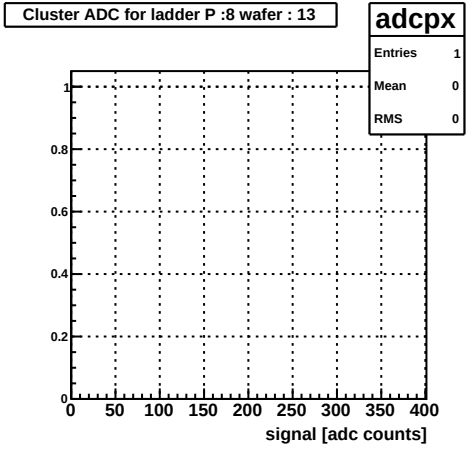

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1227
Mean 62.11
RMS 56.42
signal [adc counts]

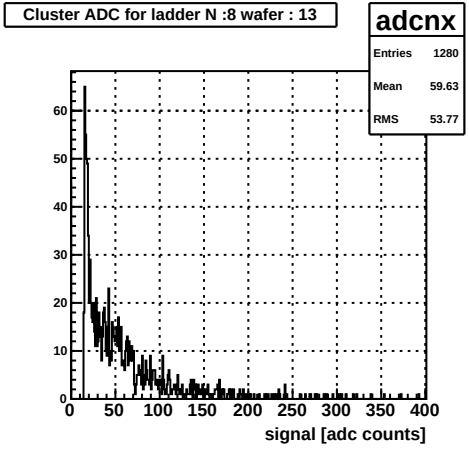

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1222
Mean 64.36
RMS 54.89
signal [adc counts]

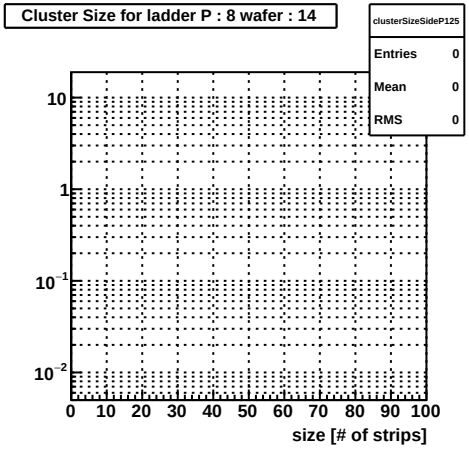

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 1
Mean 1
RMS 0
size [# of strips]

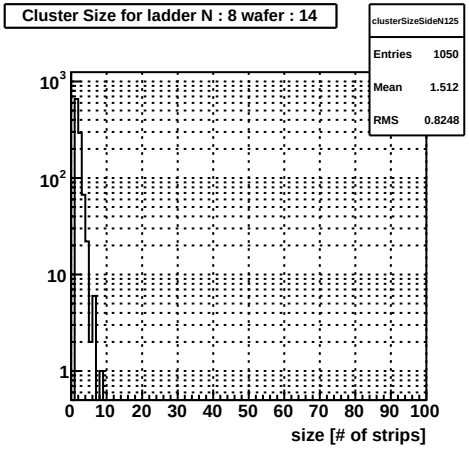

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1280
Mean 1.48
RMS 0.7874
size [# of strips]

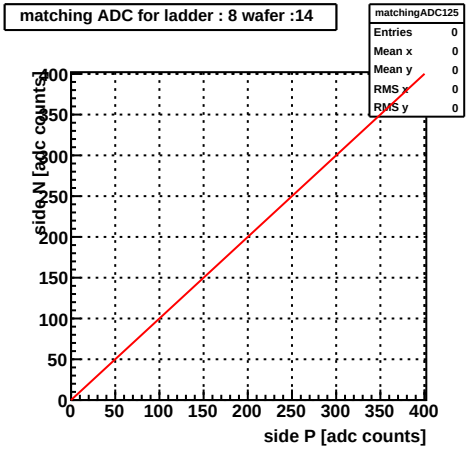

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

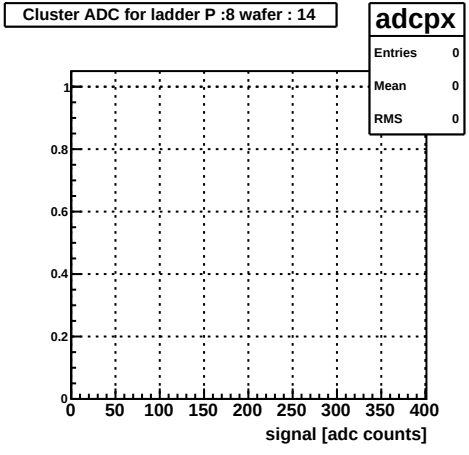

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

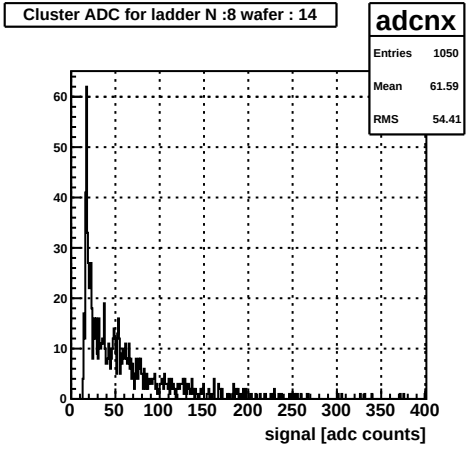

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1280
Mean 59.63
RMS 53.77
signal [adc counts]

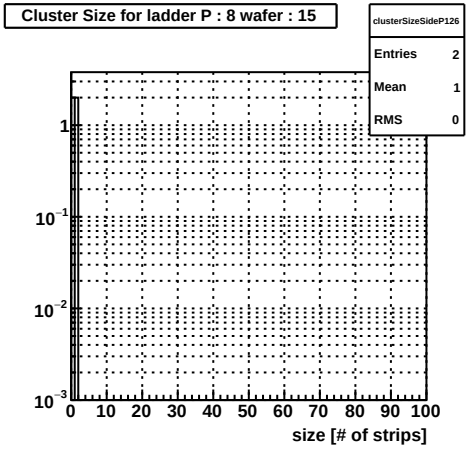

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

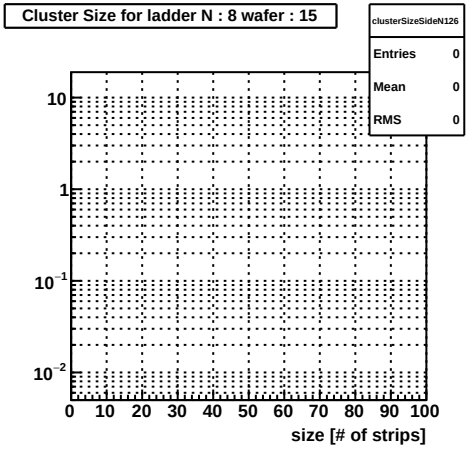

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1050
Mean 1.512
RMS 0.8248
size [# of strips]

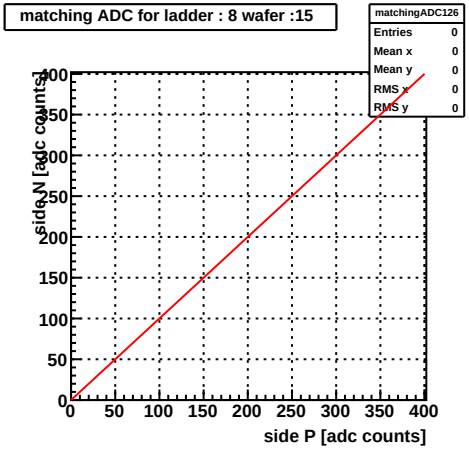

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

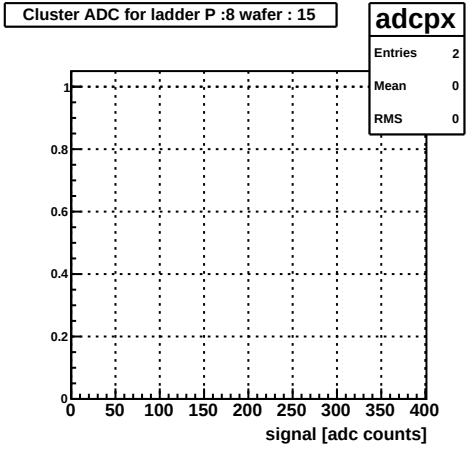

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

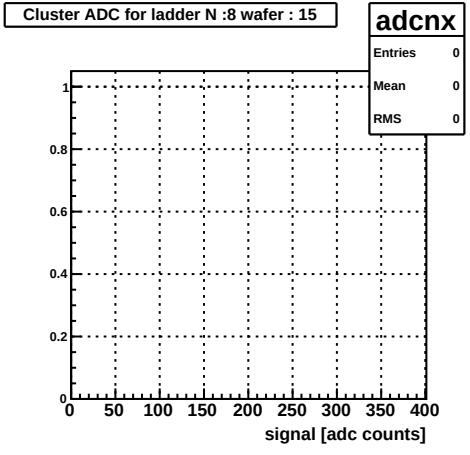

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1050
Mean 61.59
RMS 54.41
signal [adc counts]

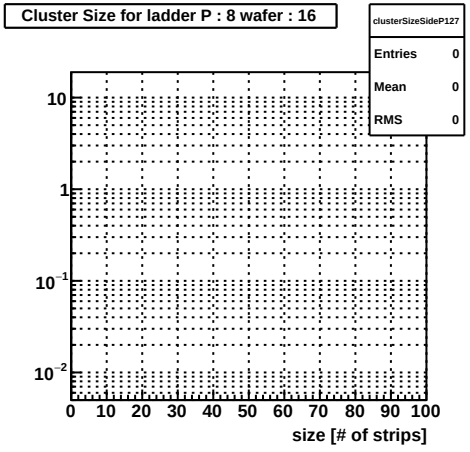

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 2
Mean 1
RMS 0
size [# of strips]

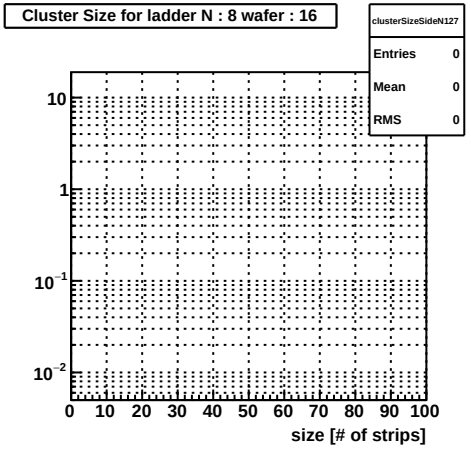

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

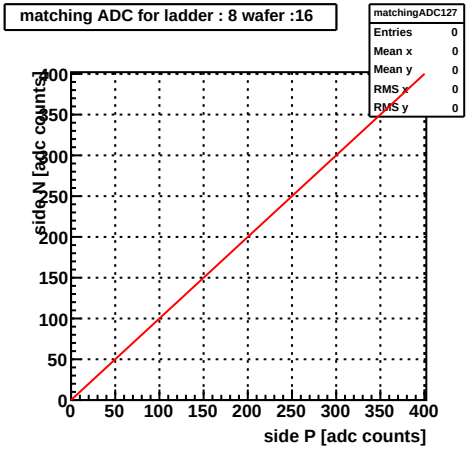

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

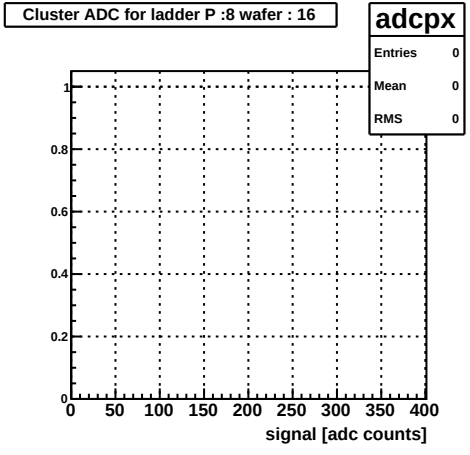

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

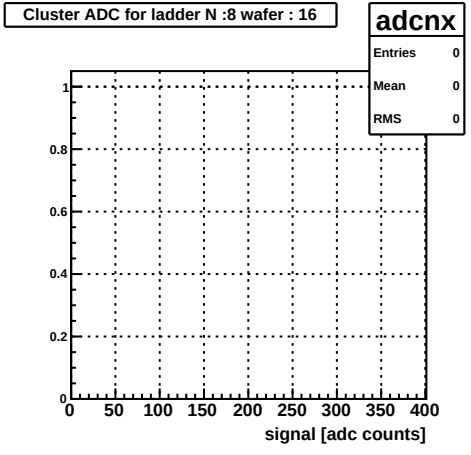

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

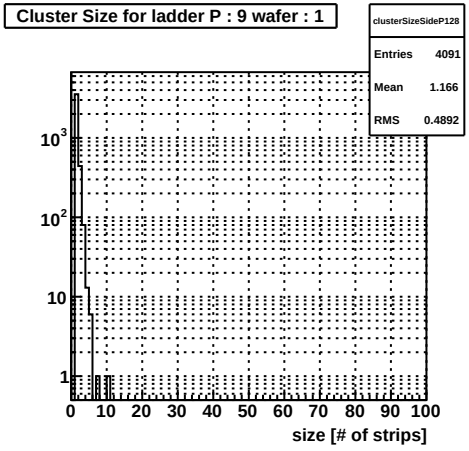

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

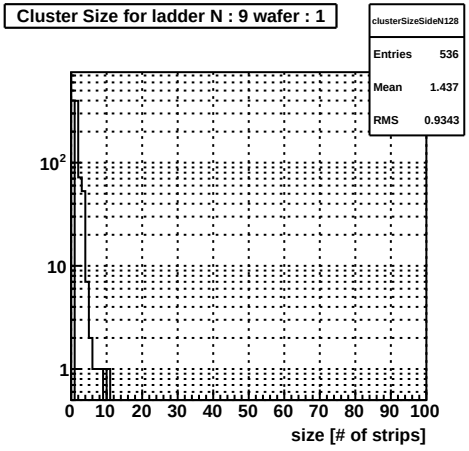

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

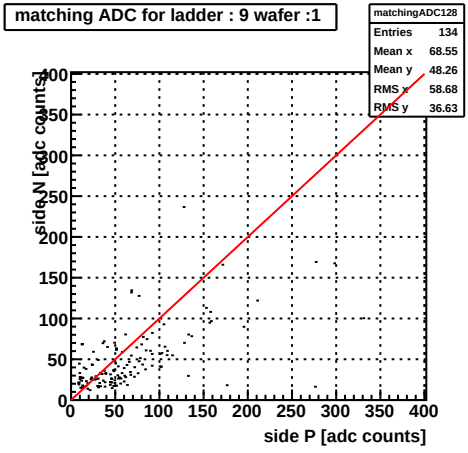

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

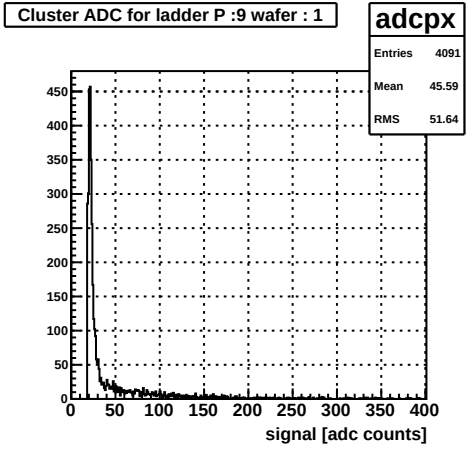

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

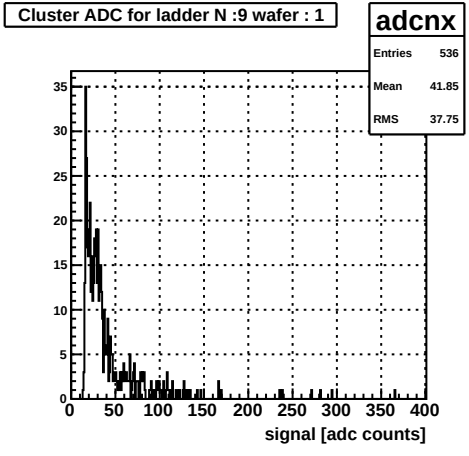

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

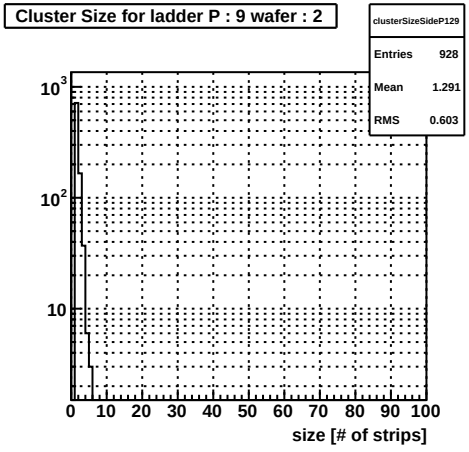

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 4091
Mean 1.166
RMS 0.4892
size [# of strips]

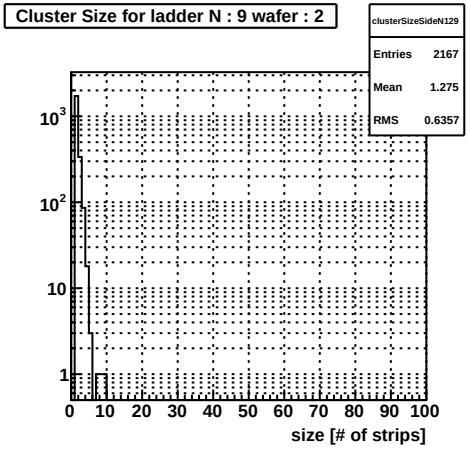

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 536
Mean 1.437
RMS 0.9343
size [# of strips]

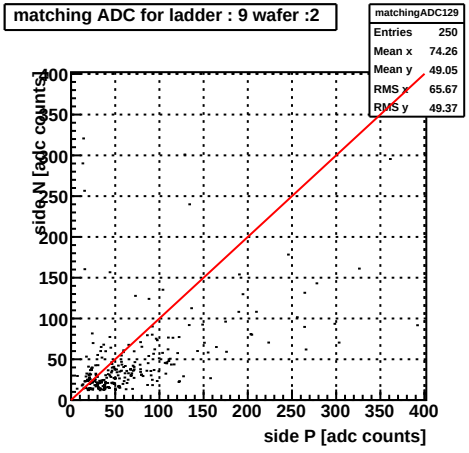

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 134
Mean x 68.55
Mean y 48.26
RMS x 58.68
RMS y 36.63
side N [adc counts]
side P [adc counts]

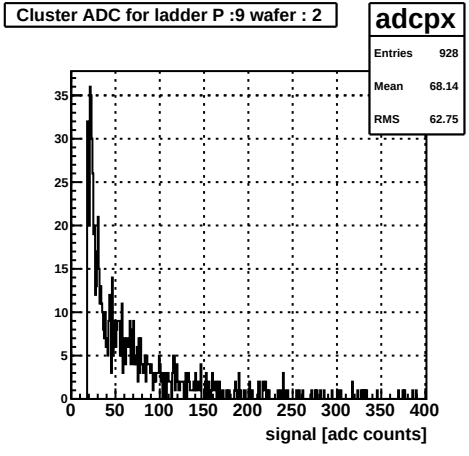

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 4091
Mean 45.59
RMS 51.64
signal [adc counts]

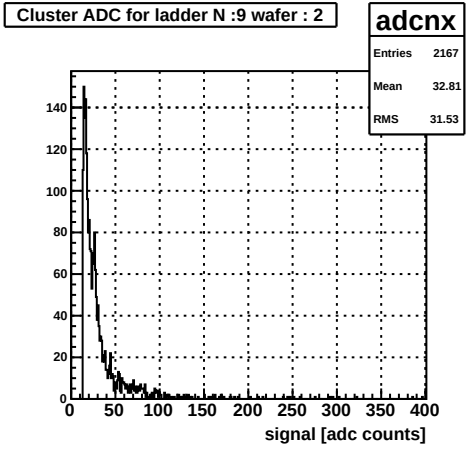

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 536
Mean 41.85
RMS 37.75
signal [adc counts]

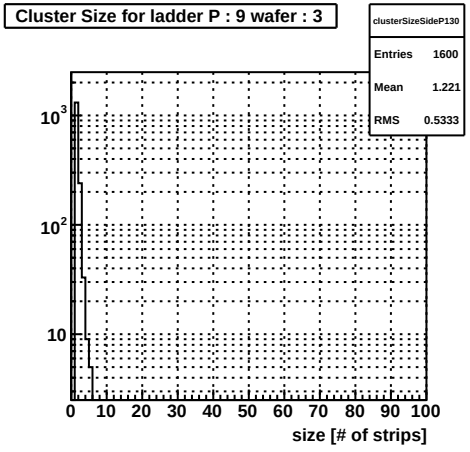

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 928
Mean 1.291
RMS 0.603
size [# of strips]

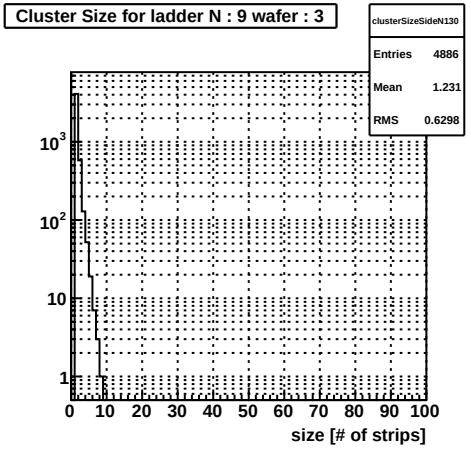

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 2167
Mean 1.275
RMS 0.6357
size [# of strips]

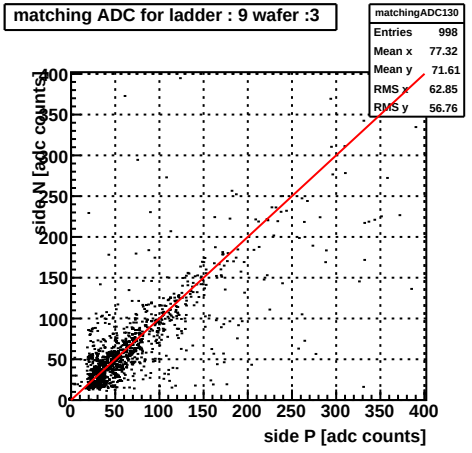

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 250
Mean x 74.26
Mean y 49.05
RMS x 65.67
RMS y 49.37
side N [adc counts]
side P [adc counts]

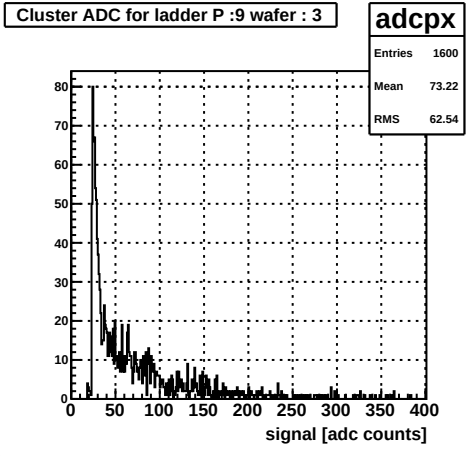

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 928
Mean 68.14
RMS 62.75
signal [adc counts]

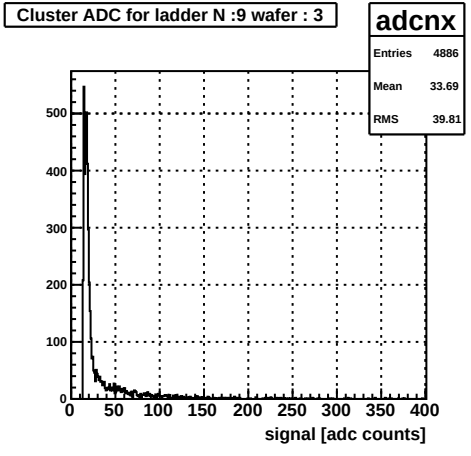

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 2167
Mean 32.81
RMS 31.53
signal [adc counts]

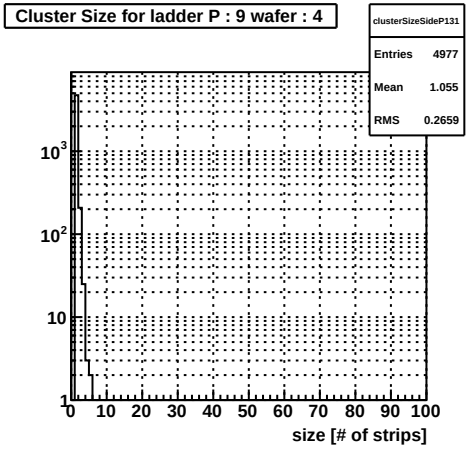

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 1600
Mean 1.221
RMS 0.5333
size [# of strips]

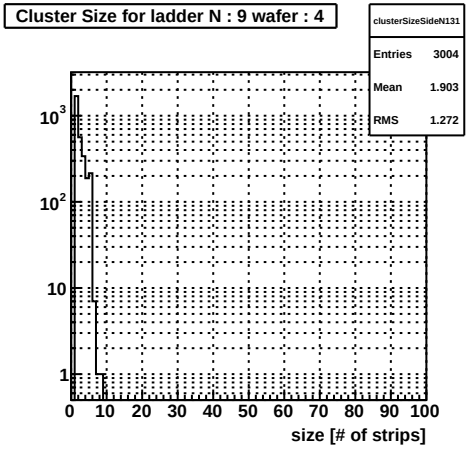

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 4886
Mean 1.231
RMS 0.6298
size [# of strips]

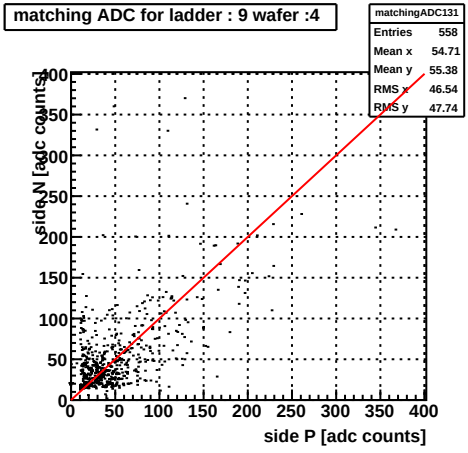

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 998
Mean x 77.32
Mean y 71.61
RMS x 62.85
RMS y 56.76
side N [adc counts]
side P [adc counts]

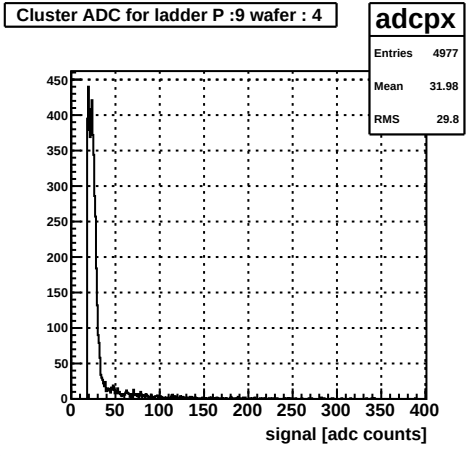

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 1600
Mean 73.22
RMS 62.54
signal [adc counts]

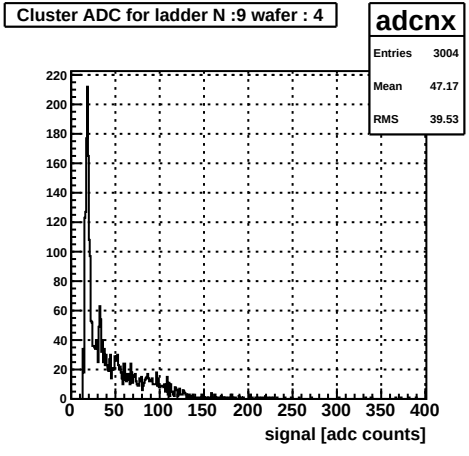

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 4886
Mean 33.69
RMS 39.81
signal [adc counts]

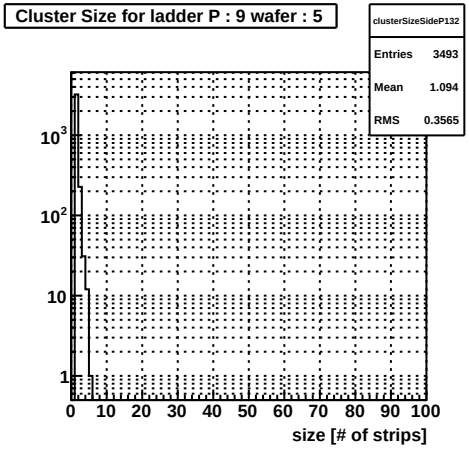

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 4977
Mean 1.055
RMS 0.2659
size [# of strips]

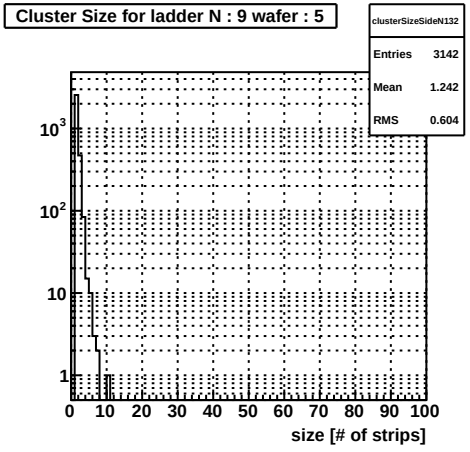

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 3004
Mean 1.903
RMS 1.272
size [# of strips]

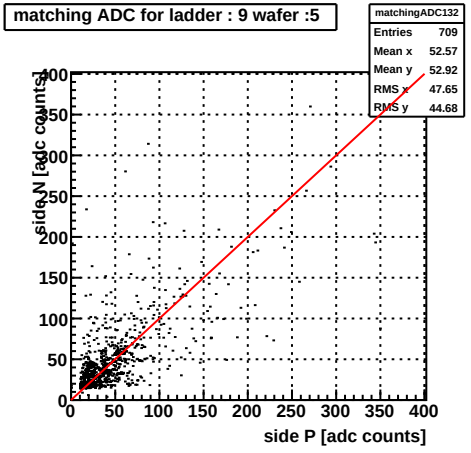

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 558
Mean x 54.71
Mean y 55.38
RMS x 46.54
RMS y 47.74
side N [adc counts]
side P [adc counts]

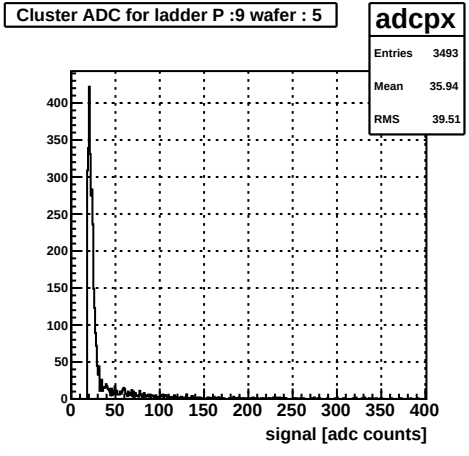

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 4977
Mean 31.98
RMS 29.8
signal [adc counts]

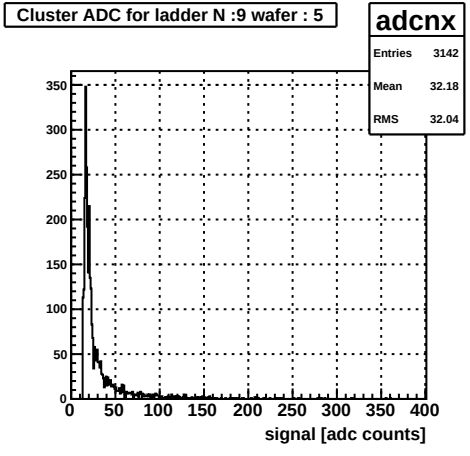

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 3004
Mean 47.17
RMS 39.53
signal [adc counts]

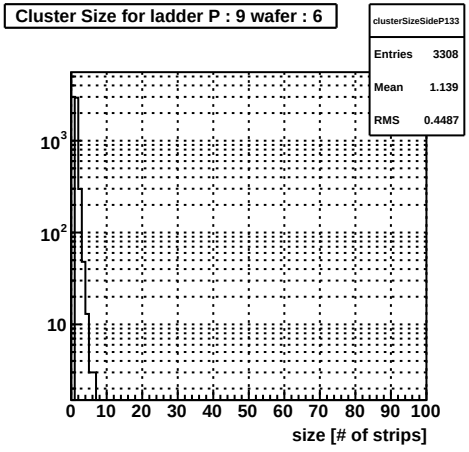

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 3493
Mean 1.094
RMS 0.3565
size [# of strips]

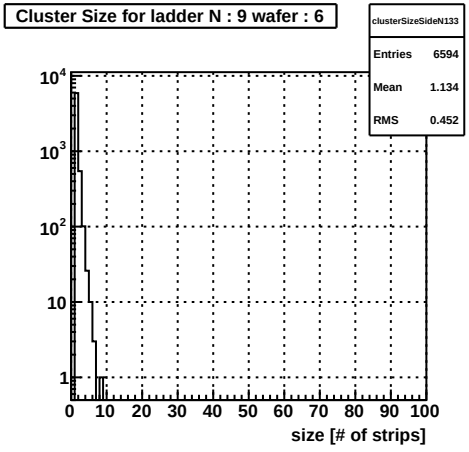

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 3142
Mean 1.242
RMS 0.604
size [# of strips]

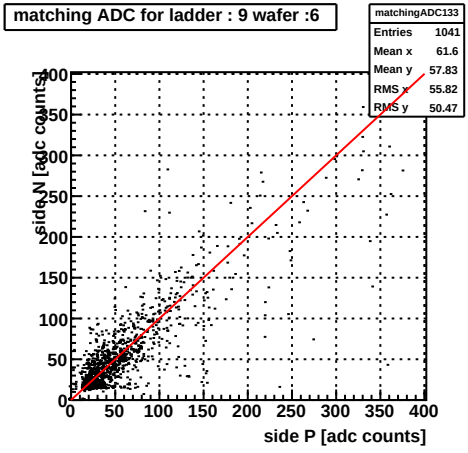

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 709
Mean x 52.57
Mean y 52.92
RMS x 47.65
RMS y 44.68
side N [adc counts]
side P [adc counts]

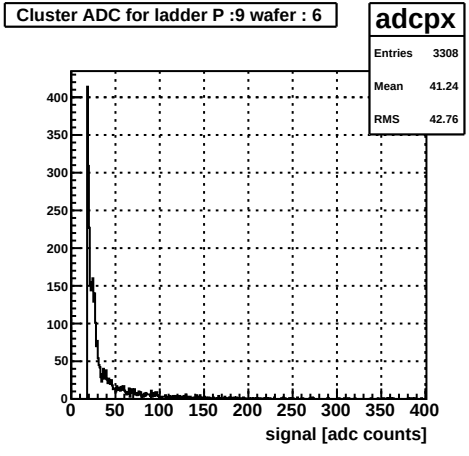

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 3493
Mean 35.94
RMS 39.51
signal [adc counts]

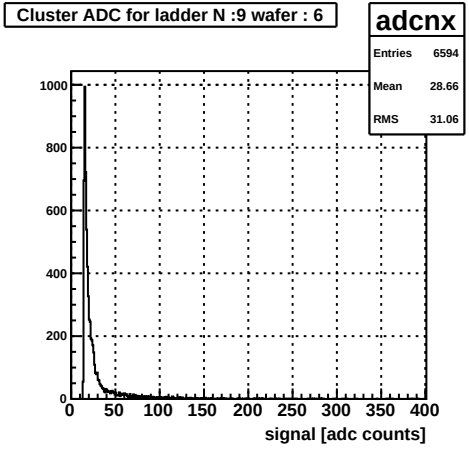

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 3142
Mean 32.18
RMS 32.04
signal [adc counts]

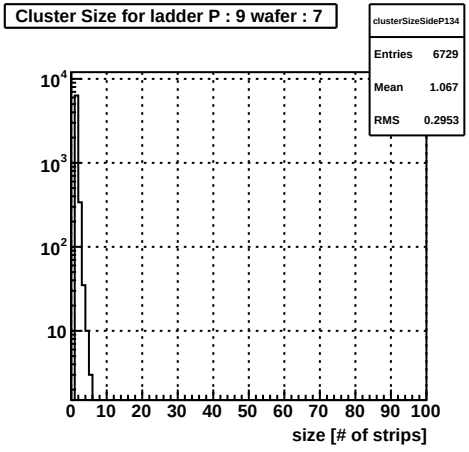

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 3308
Mean 1.139
RMS 0.4487
size [# of strips]

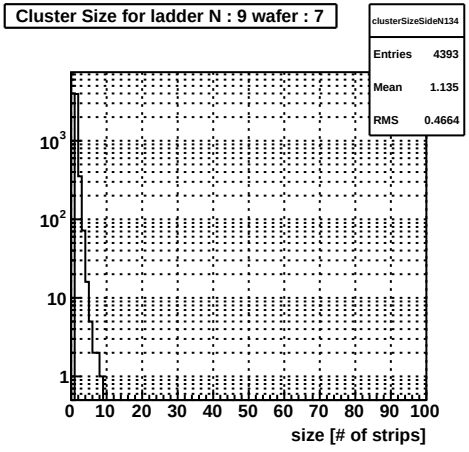

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 6594
Mean 1.134
RMS 0.452
size [# of strips]

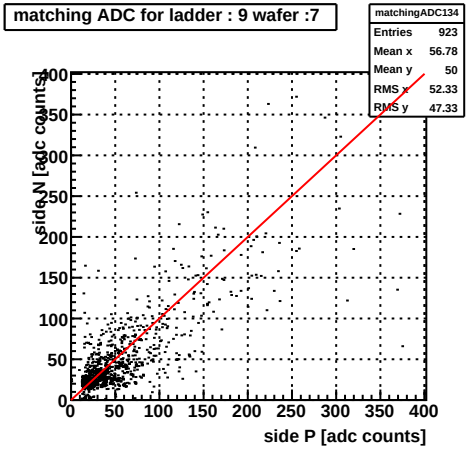

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1041
Mean x 61.6
Mean y 57.83
RMS x 55.82
RMS y 50.47
side N [adc counts]
side P [adc counts]

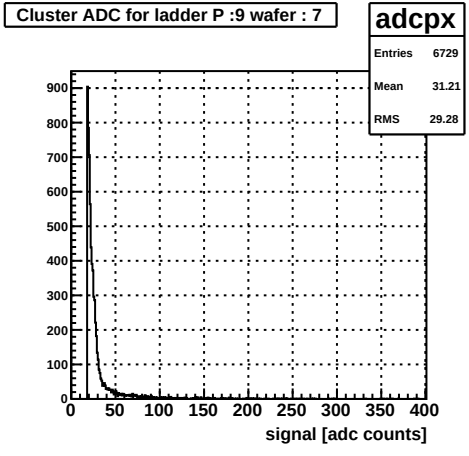

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 3308
Mean 41.24
RMS 42.76
signal [adc counts]

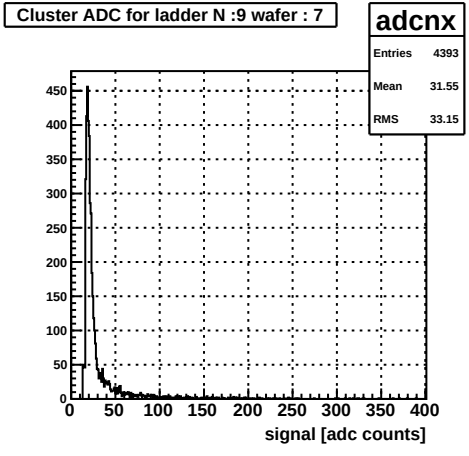

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 6594
Mean 28.66
RMS 31.06
signal [adc counts]

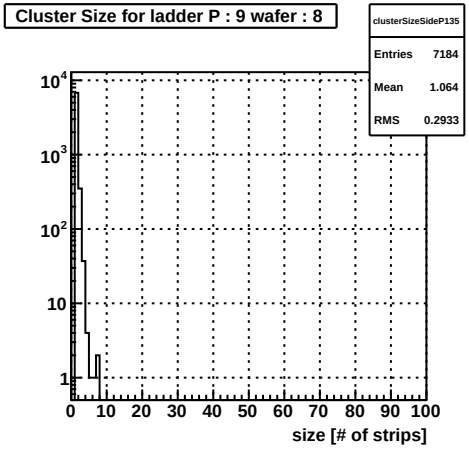

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 6729
Mean 1.067
RMS 0.2953
size [# of strips]

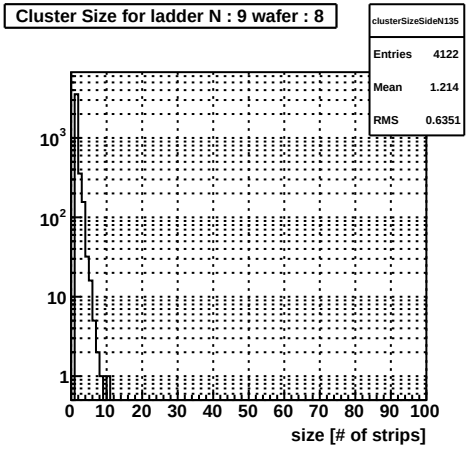

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 4393
Mean 1.135
RMS 0.4664
size [# of strips]

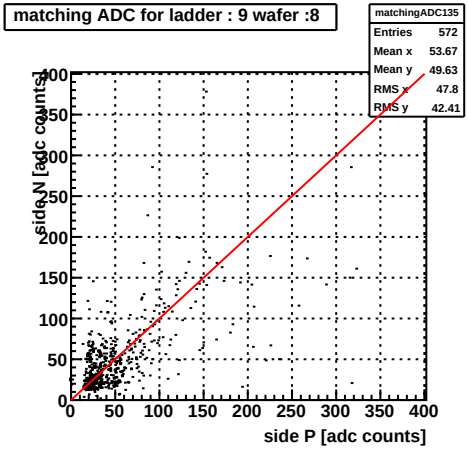

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 923
Mean x 56.78
Mean y 50
RMS x 52.33
RMS y 47.33
side N [adc counts]
side P [adc counts]

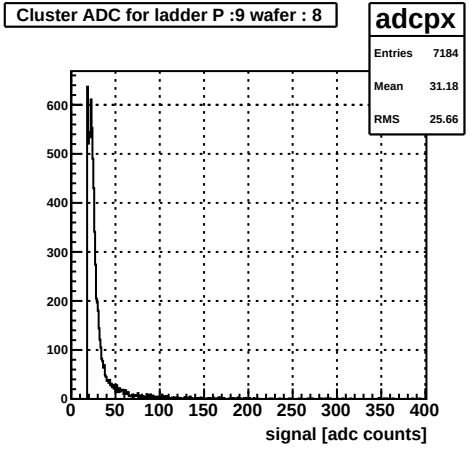

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 6729
Mean 31.21
RMS 29.28
signal [adc counts]

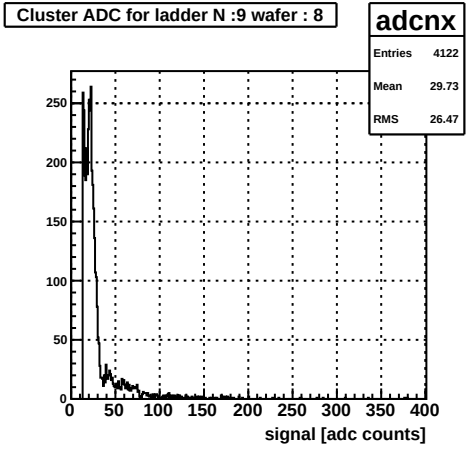

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 4393
Mean 31.55
RMS 33.15
signal [adc counts]

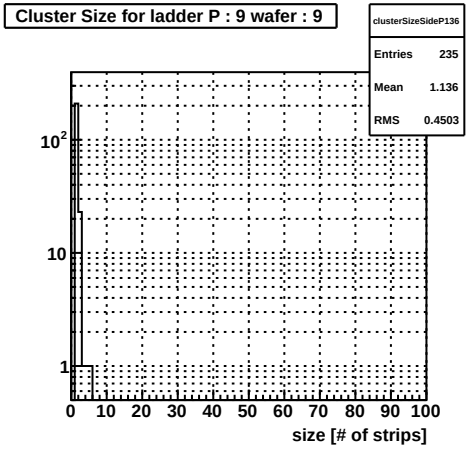

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 7184
Mean 1.064
RMS 0.2933
size [# of strips]

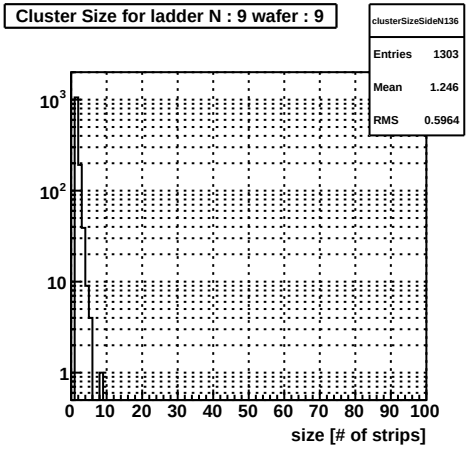

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 4122
Mean 1.214
RMS 0.6351
size [# of strips]

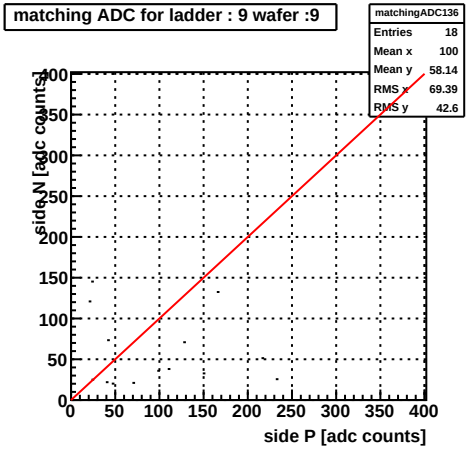

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 572
Mean x 53.67
Mean y 49.63
RMS x 47.8
RMS y 42.41
side N [adc counts]
side P [adc counts]

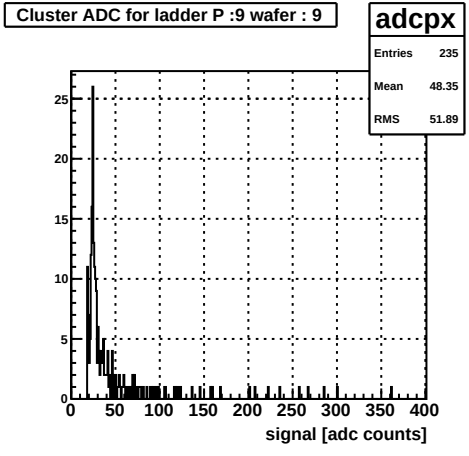

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 7184
Mean 31.18
RMS 25.66
signal [adc counts]

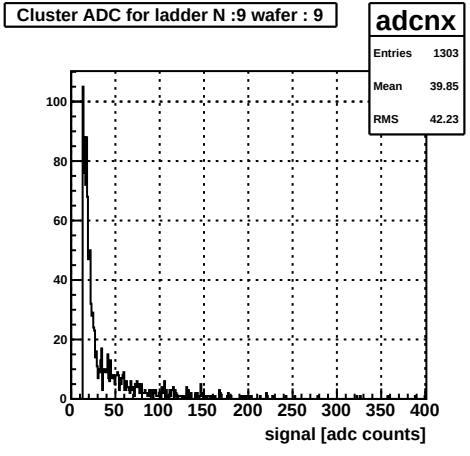

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 4122
Mean 29.73
RMS 26.47
signal [adc counts]

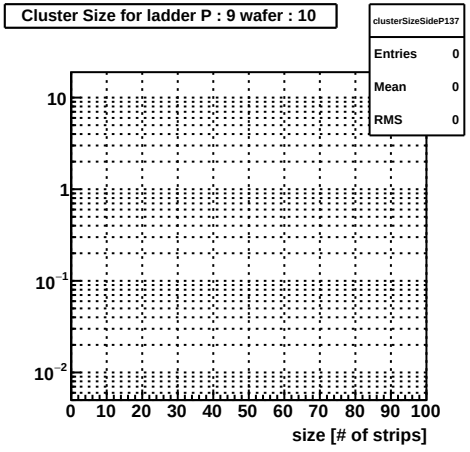

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 235
Mean 1.136
RMS 0.4503
size [# of strips]

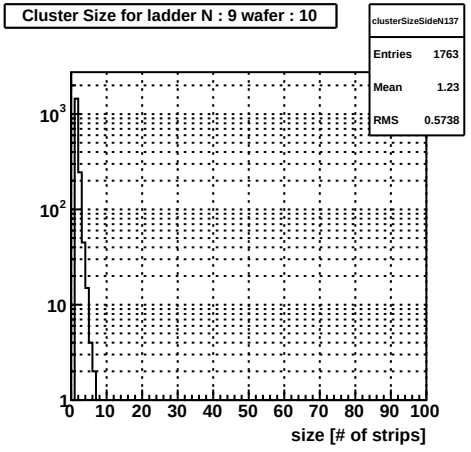

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1303
Mean 1.246
RMS 0.5964
size [# of strips]

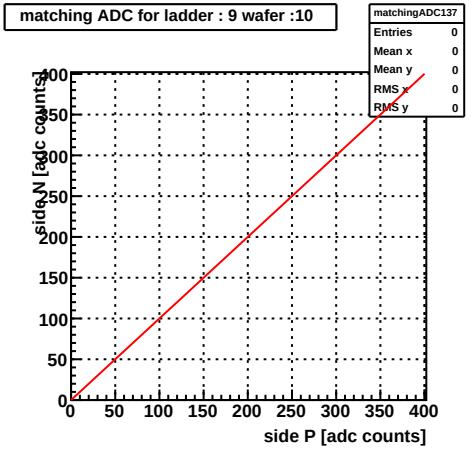

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 18
Mean x 100
Mean y 58.14
RMS x 69.39
RMS y 42.6
side N [adc counts]
side P [adc counts]

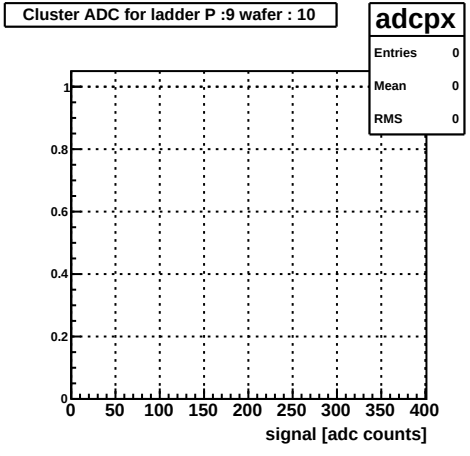

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 235
Mean 48.35
RMS 51.89
signal [adc counts]

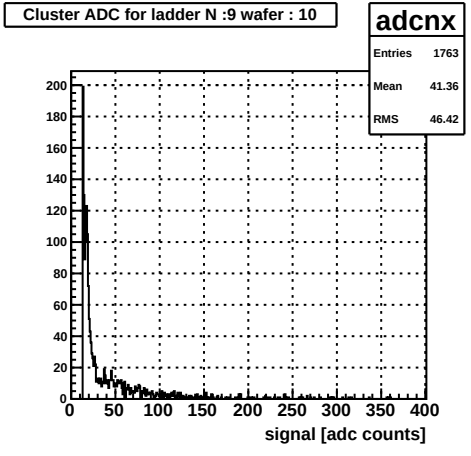

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1303
Mean 39.85
RMS 42.23
signal [adc counts]

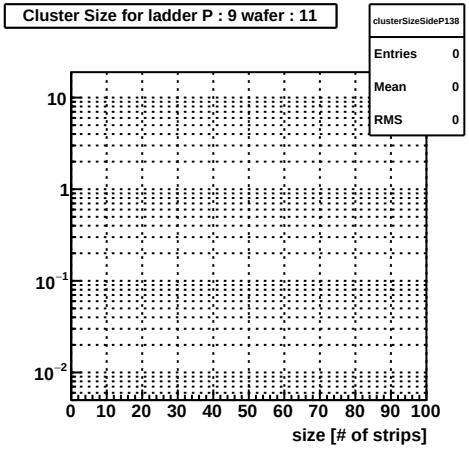

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

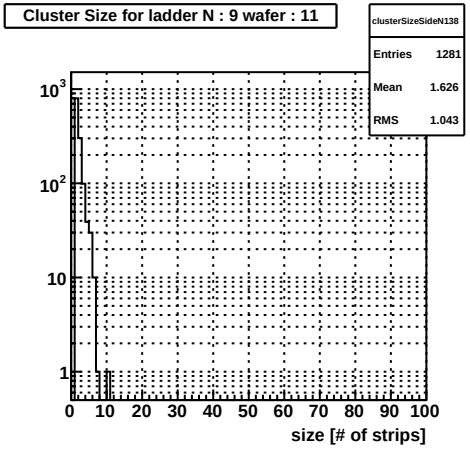

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1763
Mean 1.23
RMS 0.5738
size [# of strips]

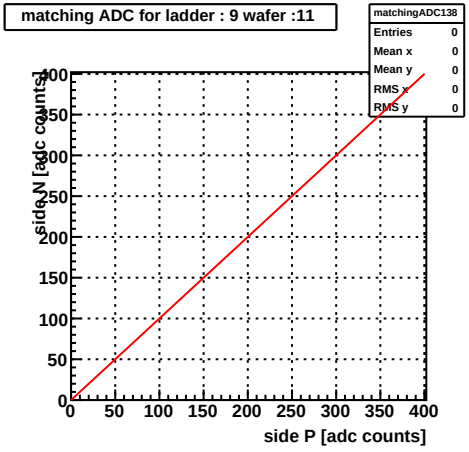

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

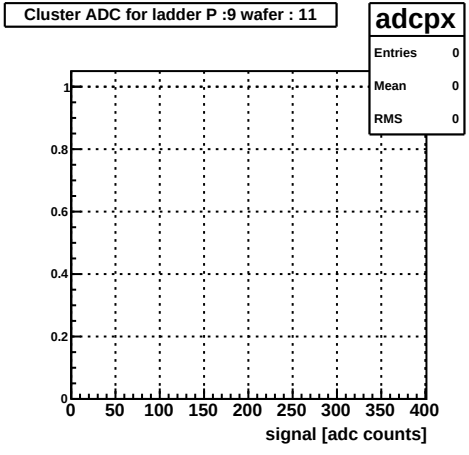

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

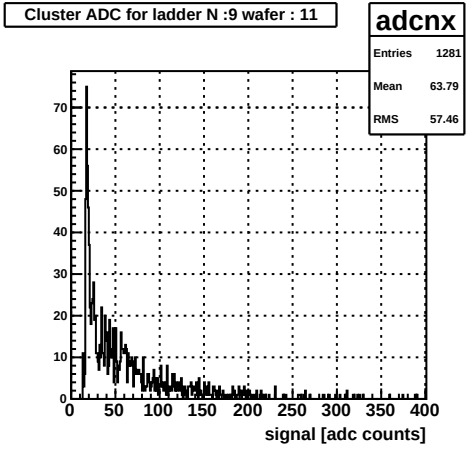

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1763
Mean 41.36
RMS 46.42
signal [adc counts]

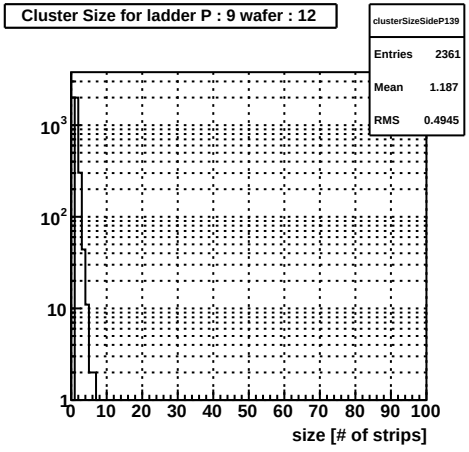

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

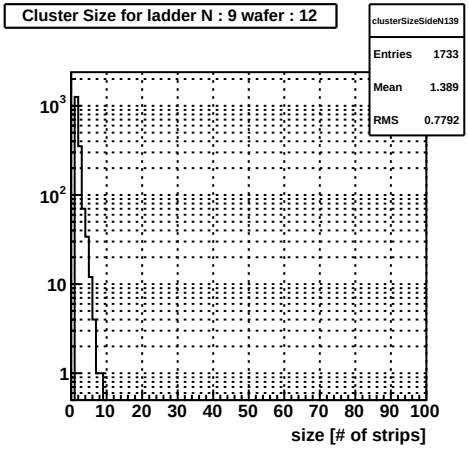

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1281
Mean 1.626
RMS 1.043
size [# of strips]

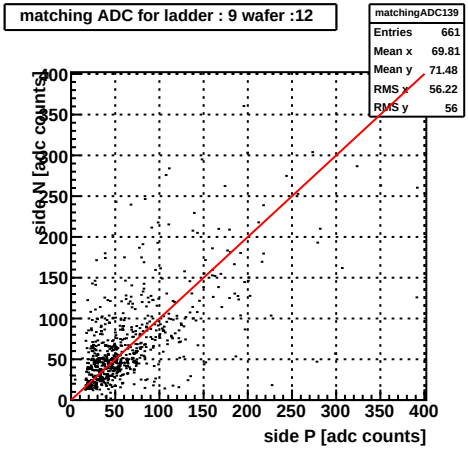

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

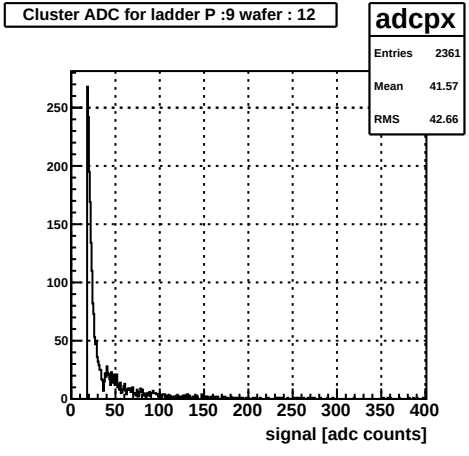

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

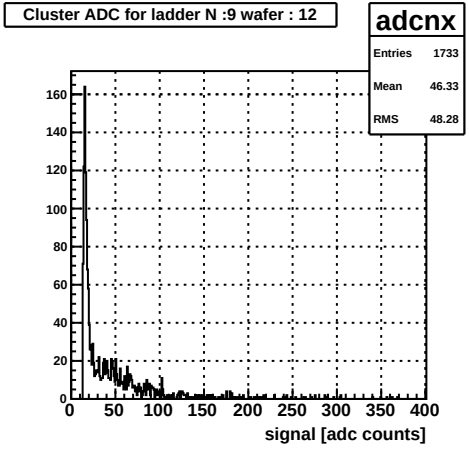

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1281
Mean 63.79
RMS 57.46
signal [adc counts]

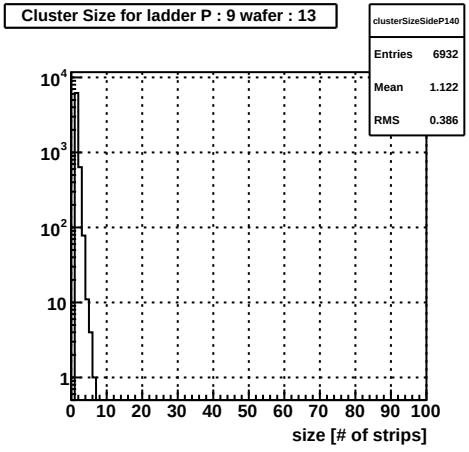

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 2361
Mean 1.187
RMS 0.4945
size [# of strips]

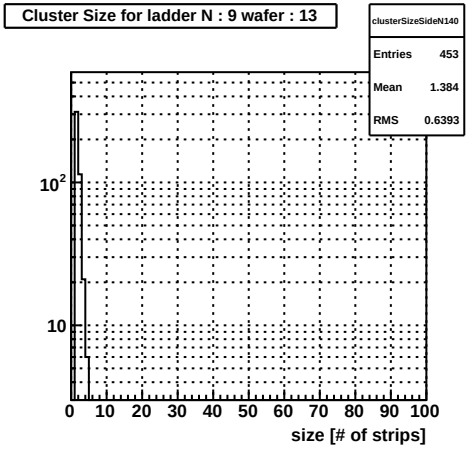

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 1733
Mean 1.389
RMS 0.7792
size [# of strips]

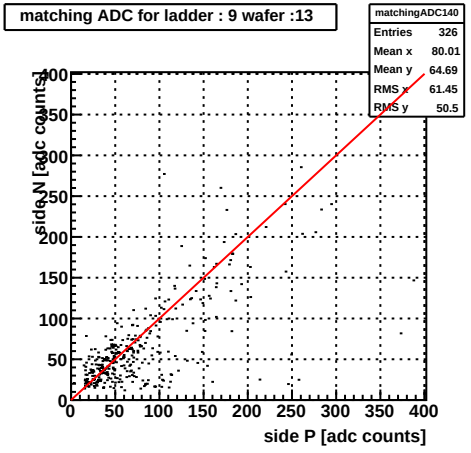

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 661
Mean x 69.81
Mean y 71.48
RMS x 56.22
RMS y 56
side N [adc counts]
side P [adc counts]

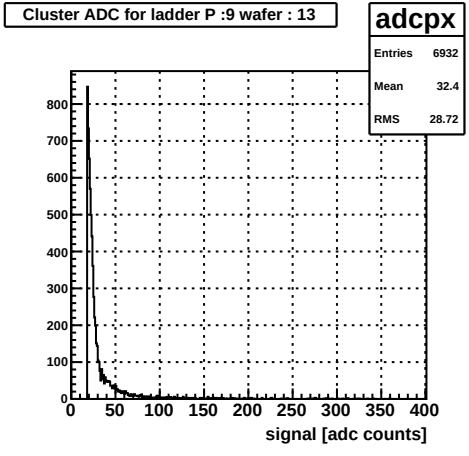

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 2361
Mean 41.57
RMS 42.66
signal [adc counts]

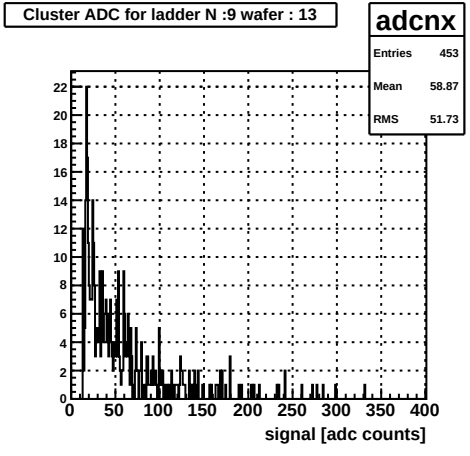

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 1733
Mean 46.33
RMS 48.28
signal [adc counts]

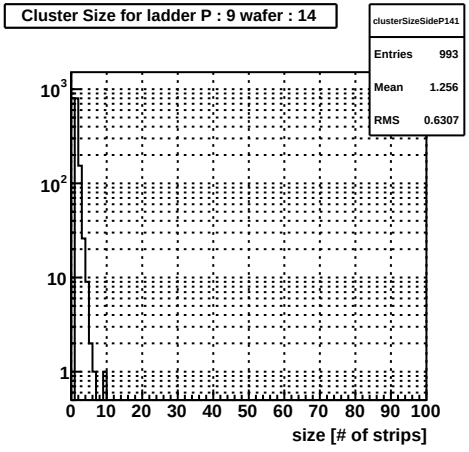

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 6932
Mean 1.122
RMS 0.386
size [# of strips]

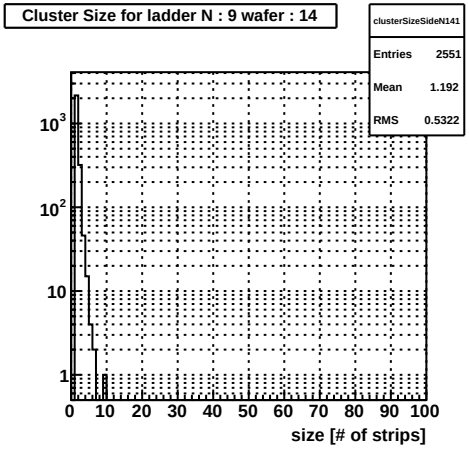

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 453
Mean 1.384
RMS 0.6393
size [# of strips]

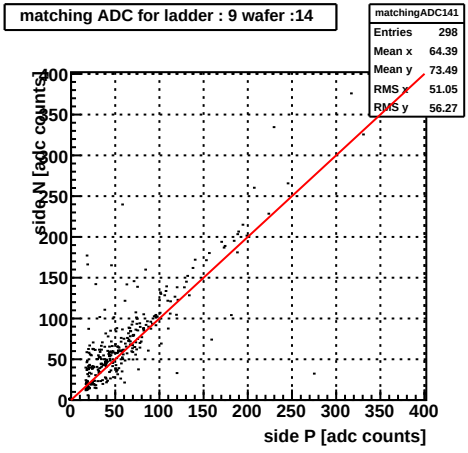

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 326
Mean x 80.01
Mean y 64.69
RMS x 61.45
RMS y 50.5
side N [adc counts]
side P [adc counts]

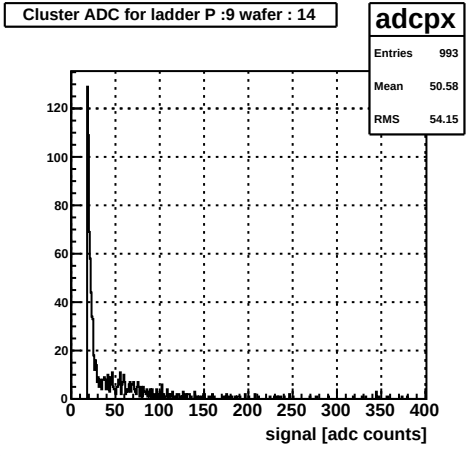

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 6932
Mean 32.4
RMS 28.72
signal [adc counts]

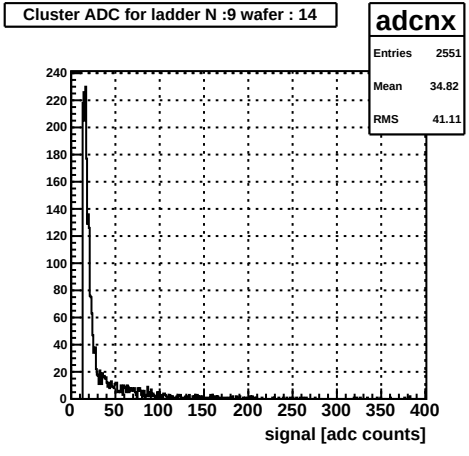

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 453
Mean 58.87
RMS 51.73
signal [adc counts]

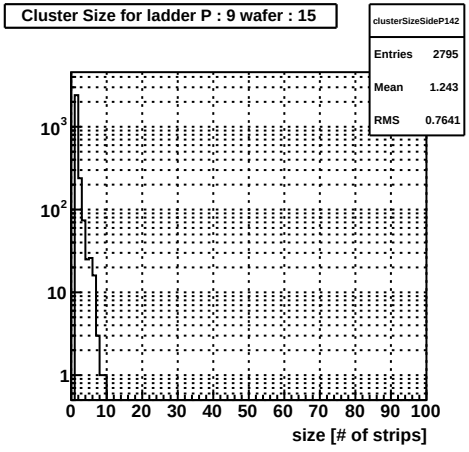

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 993
Mean 1.256
RMS 0.6307
size [# of strips]

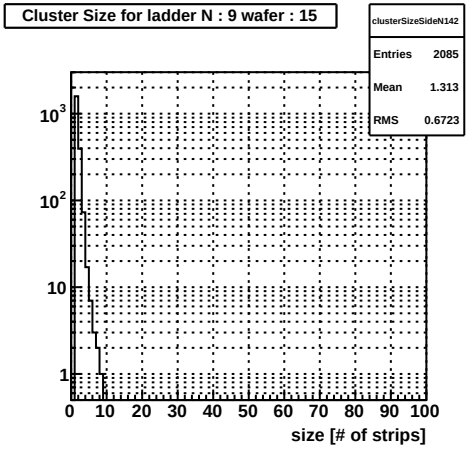

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 2551
Mean 1.192
RMS 0.5322
size [# of strips]

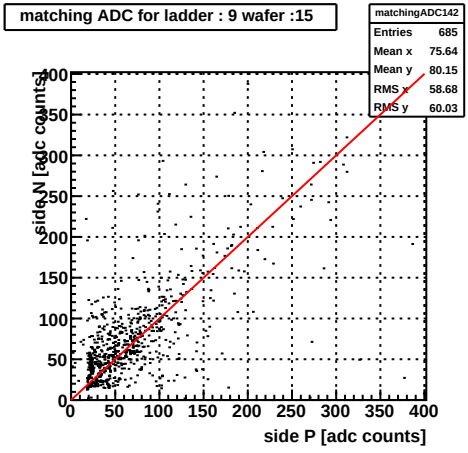

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 298
Mean x 64.39
Mean y 73.49
RMS x 51.05
RMS y 56.27
side N [adc counts]
side P [adc counts]

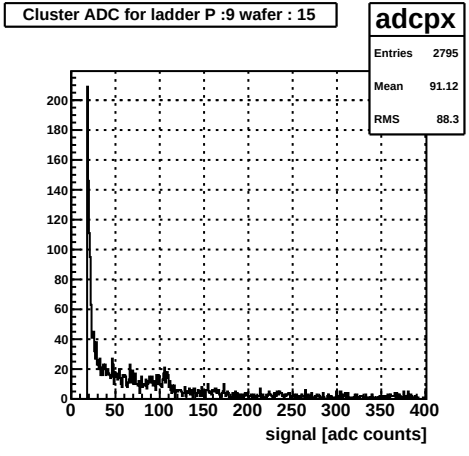

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 993
Mean 50.58
RMS 54.15
signal [adc counts]

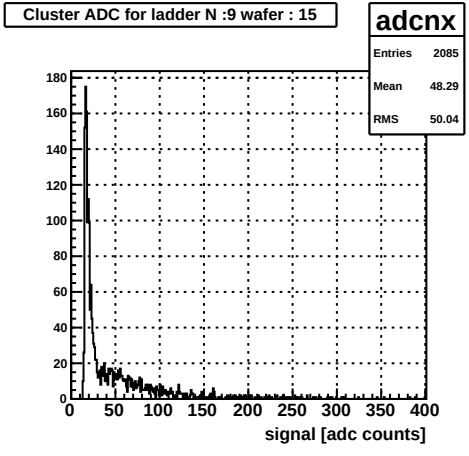

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 2551
Mean 34.82
RMS 41.11
signal [adc counts]

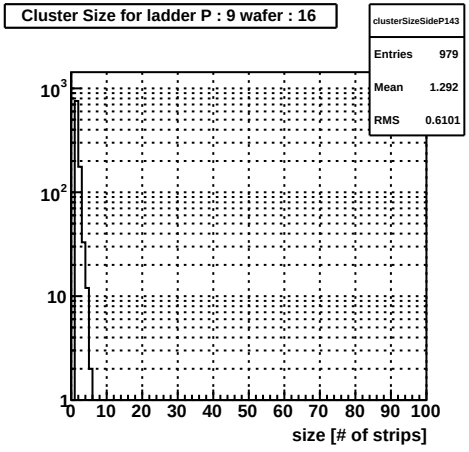

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 2795
Mean 1.243
RMS 0.7641
size [# of strips]

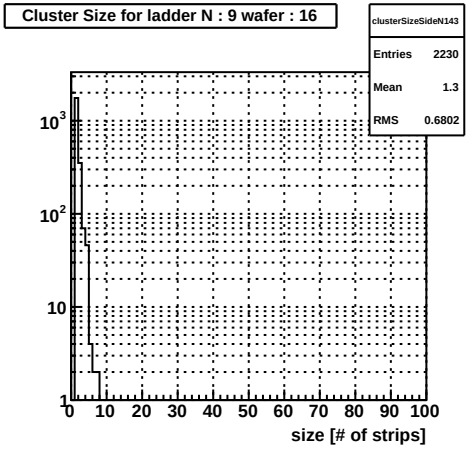

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 2085
Mean 1.313
RMS 0.6723
size [# of strips]

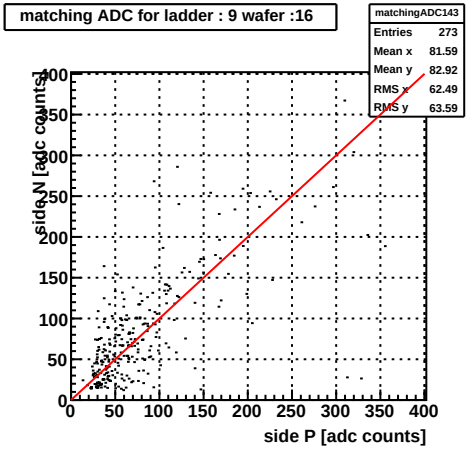

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 685
Mean x 75.64
Mean y 80.15
RMS x 58.68
RMS y 60.03
side N [adc counts]
side P [adc counts]

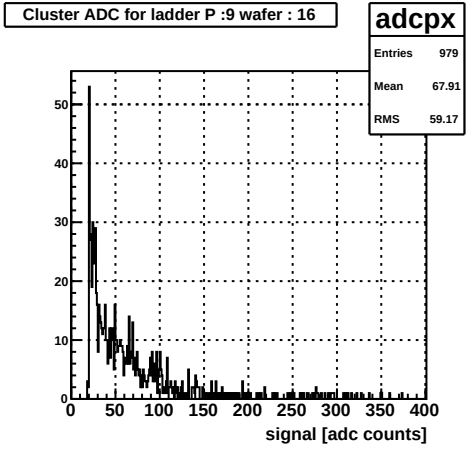

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 2795
Mean 91.12
RMS 88.3
signal [adc counts]

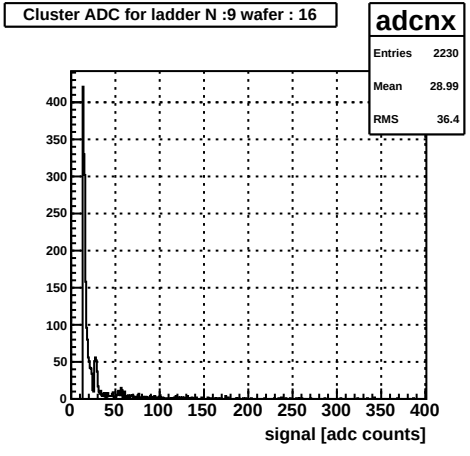

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 2085
Mean 48.29
RMS 50.04
signal [adc counts]

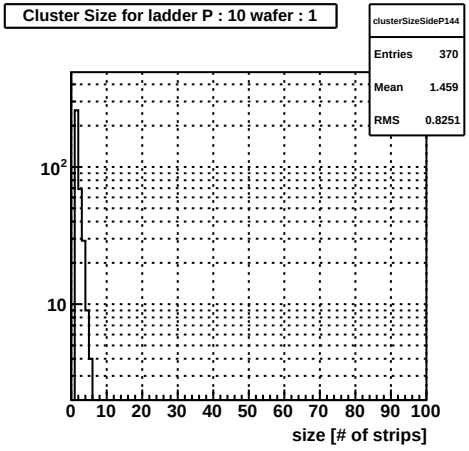

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 979
Mean 1.292
RMS 0.6101
size [# of strips]

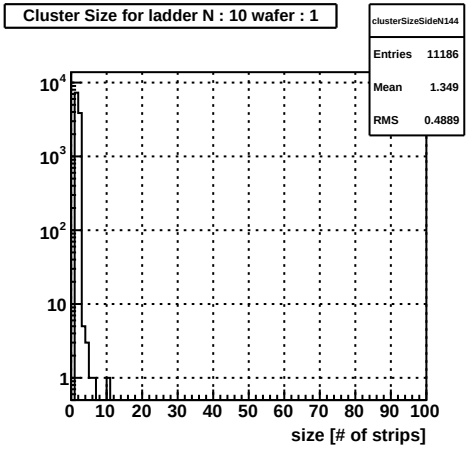

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 2230
Mean 1.3
RMS 0.6802
size [# of strips]

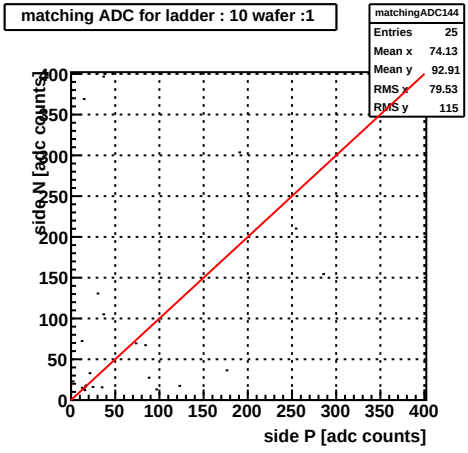

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 273
Mean x 81.59
Mean y 82.92
RMS x 62.49
RMS y 63.59
side N [adc counts]
side P [adc counts]

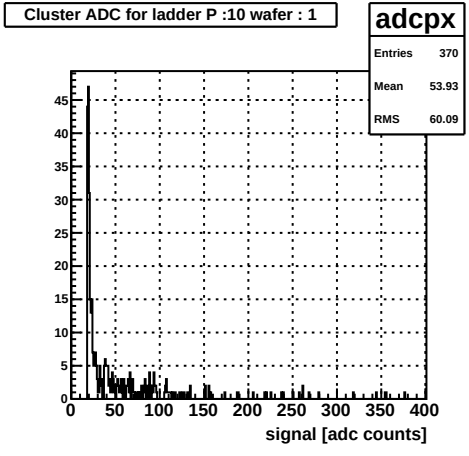

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 979
Mean 67.91
RMS 59.17
signal [adc counts]

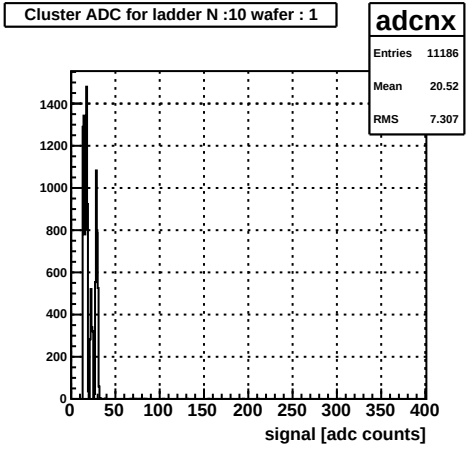

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 2230
Mean 28.99
RMS 36.4
signal [adc counts]

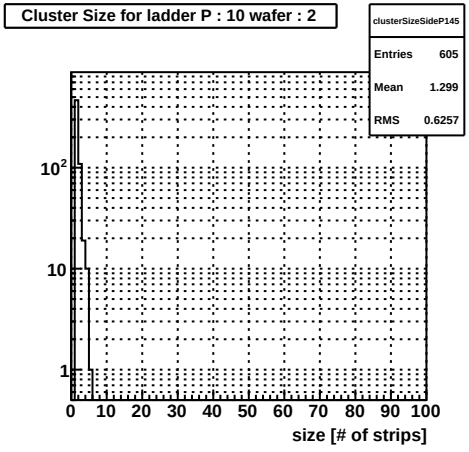

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 370
Mean 1.459
RMS 0.8251
size [# of strips]

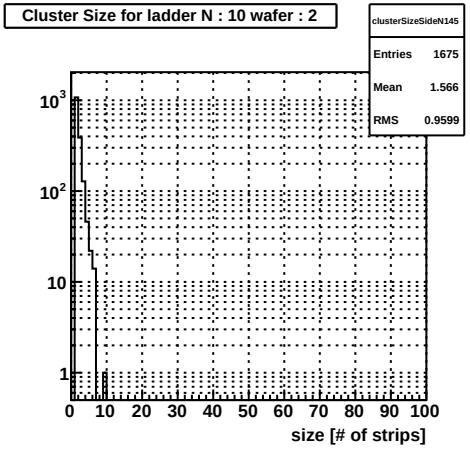

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 11186
Mean 1.349
RMS 0.4889
size [# of strips]

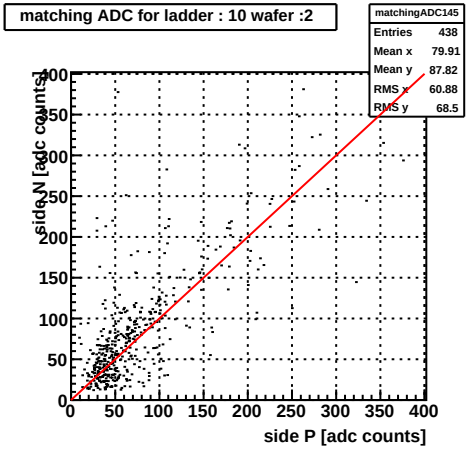

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 25
Mean x 74.13
Mean y 92.91
RMS x 79.53
RMS y 115
side N [adc counts]
side P [adc counts]

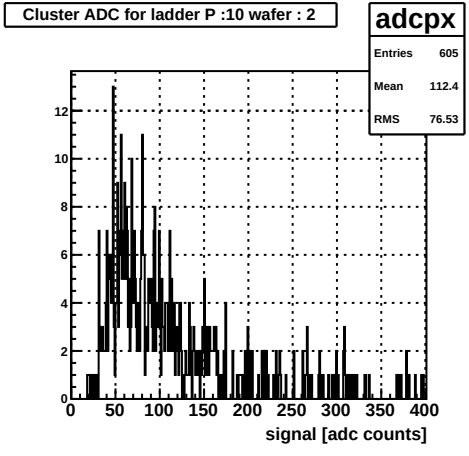

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 370
Mean 53.93
RMS 60.09
signal [adc counts]

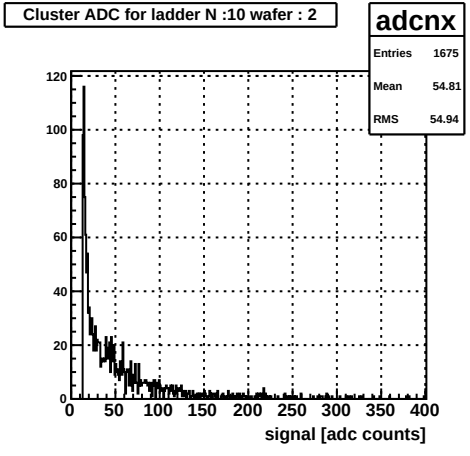

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 11186
Mean 20.52
RMS 7.307
signal [adc counts]

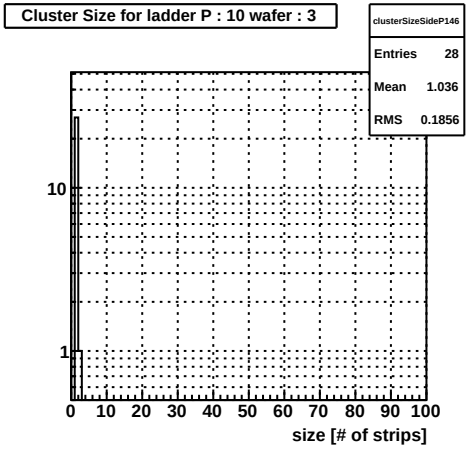

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 605
Mean 1.299
RMS 0.6257
size [# of strips]

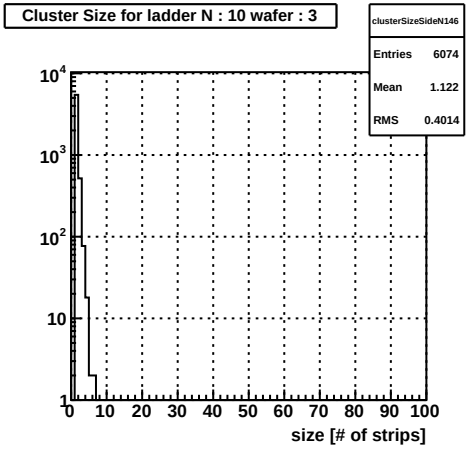

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 1675
Mean 1.566
RMS 0.9599
size [# of strips]

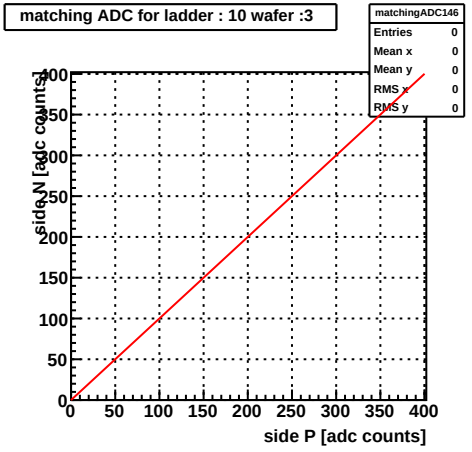

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 438
Mean x 79.91
Mean y 87.82
RMS x 60.88
RMS y 68.5
side N [adc counts]
side P [adc counts]

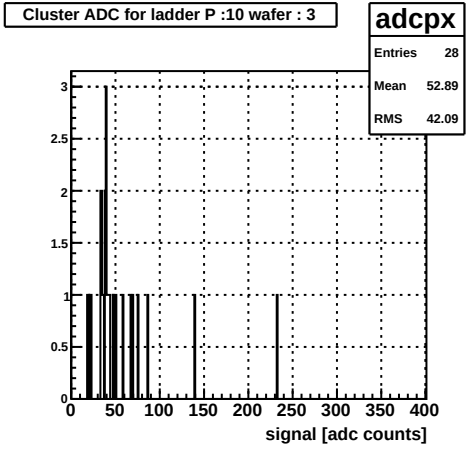

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 605
Mean 112.4
RMS 76.53
signal [adc counts]

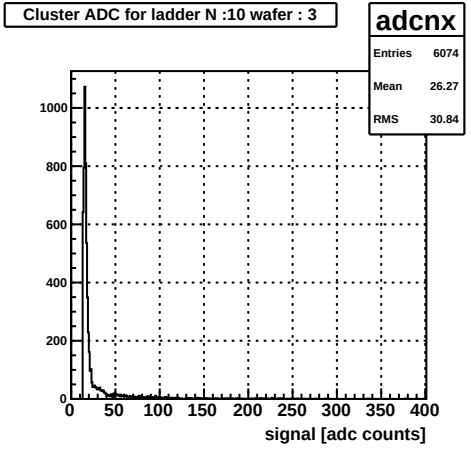

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 1675
Mean 54.81
RMS 54.94
signal [adc counts]

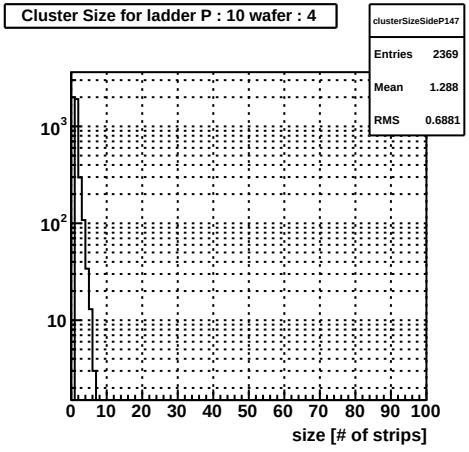

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 28
Mean 1.036
RMS 0.1856
size [# of strips]

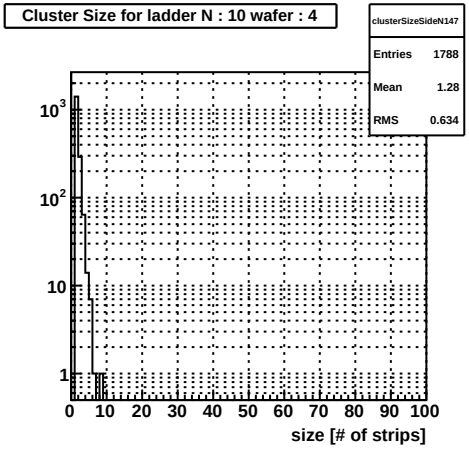

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 6074
Mean 1.122
RMS 0.4014
size [# of strips]

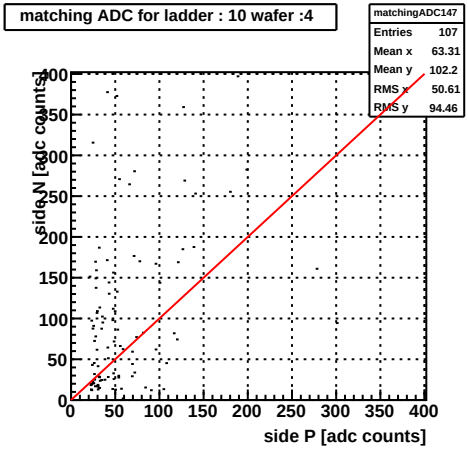

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

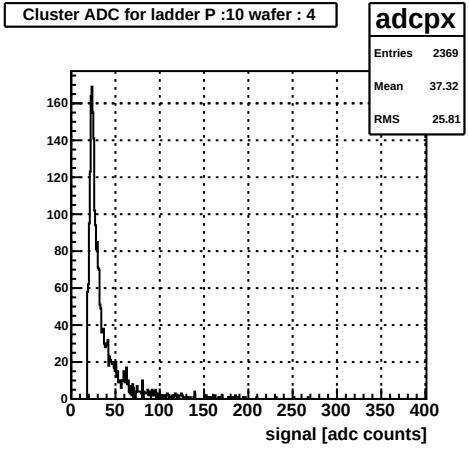

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 28
Mean 52.89
RMS 42.09
signal [adc counts]

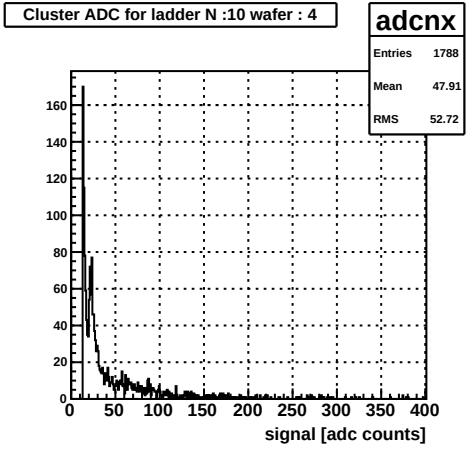

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 6074
Mean 26.27
RMS 30.84
signal [adc counts]

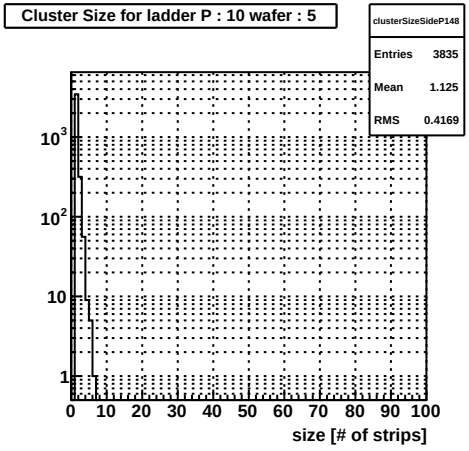

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 2369
Mean 1.288
RMS 0.6881
size [# of strips]

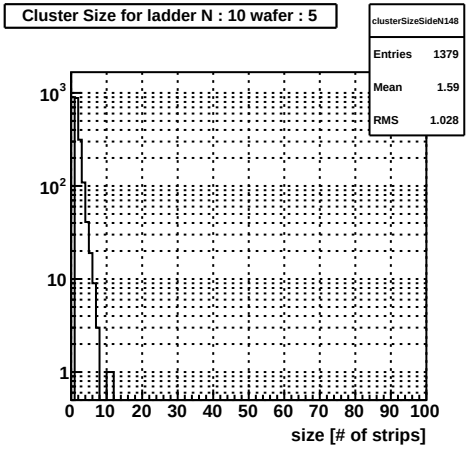

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1788
Mean 1.28
RMS 0.634
size [# of strips]

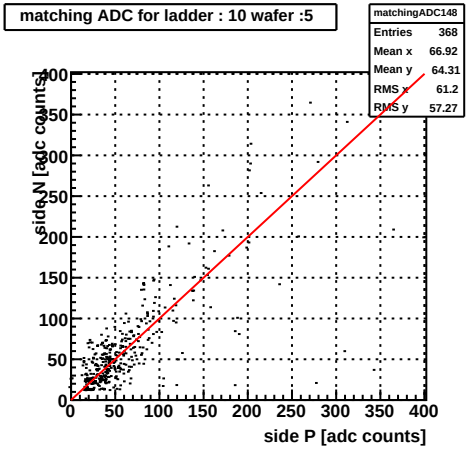

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 107
Mean x 63.31
Mean y 102.2
RMS x 50.61
RMS y 94.46
side N [adc counts]
side P [adc counts]

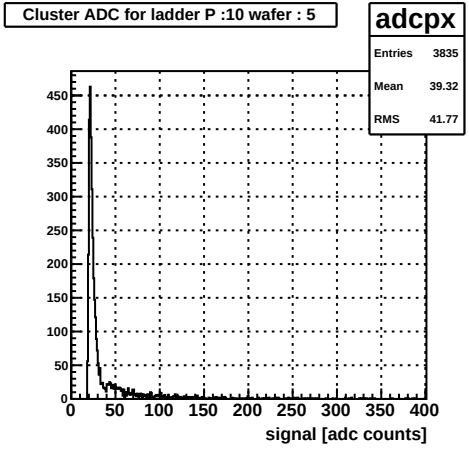

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 2369
Mean 37.32
RMS 25.81
signal [adc counts]

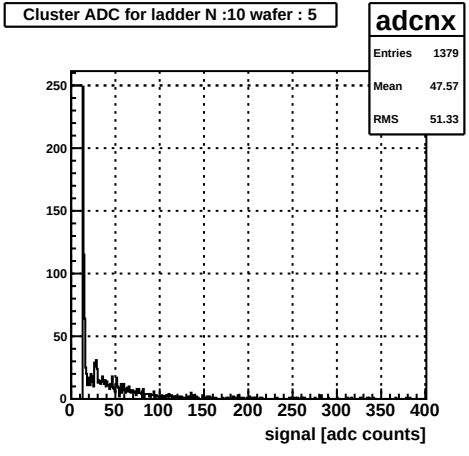

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1788
Mean 47.91
RMS 52.72
signal [adc counts]

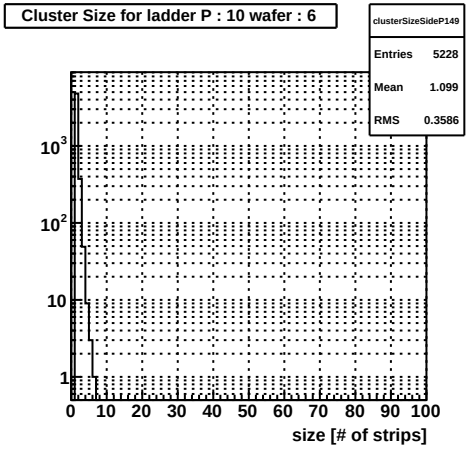

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 3835
Mean 1.125
RMS 0.4169
size [# of strips]

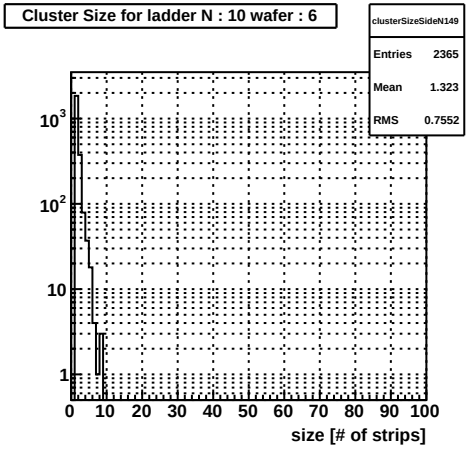

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 1379
Mean 1.59
RMS 1.028
size [# of strips]

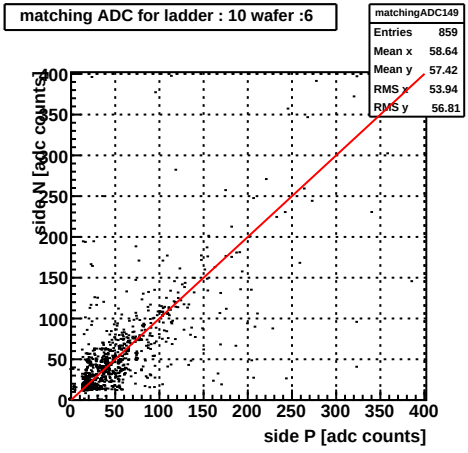

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 368
Mean x 66.92
Mean y 64.31
RMS x 61.2
RMS y 57.27
side N [adc counts]
side P [adc counts]

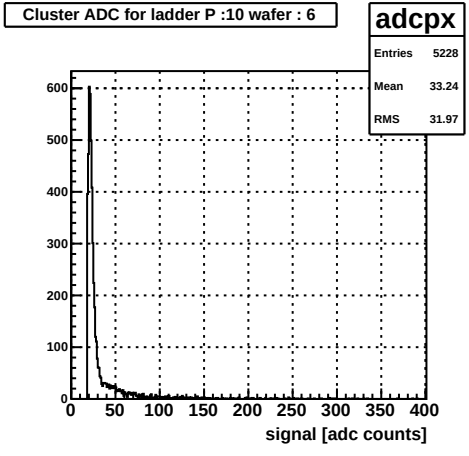

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 3835
Mean 39.32
RMS 41.77
signal [adc counts]

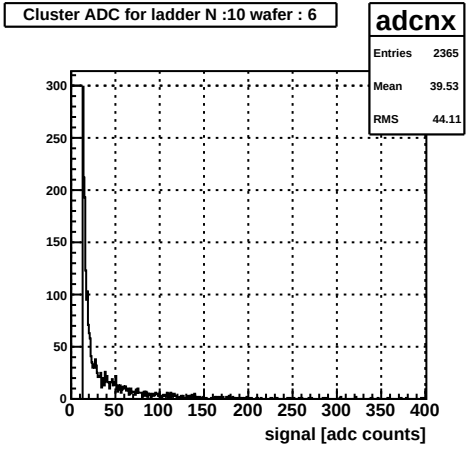

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 1379
Mean 47.57
RMS 51.33
signal [adc counts]

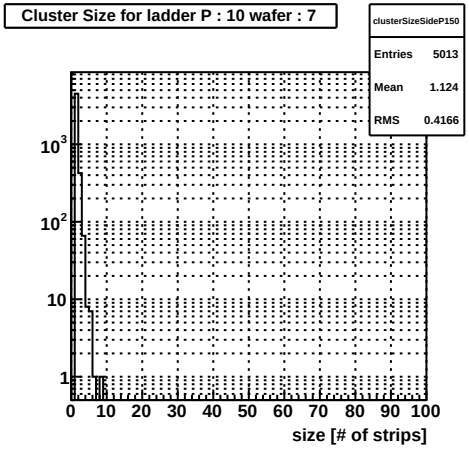

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 5228
Mean 1.099
RMS 0.3586
size [# of strips]

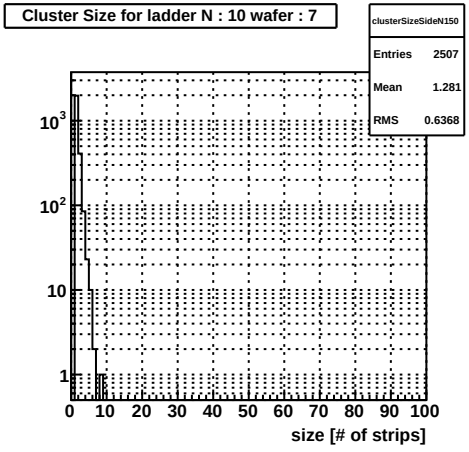

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 2365
Mean 1.323
RMS 0.7552
size [# of strips]

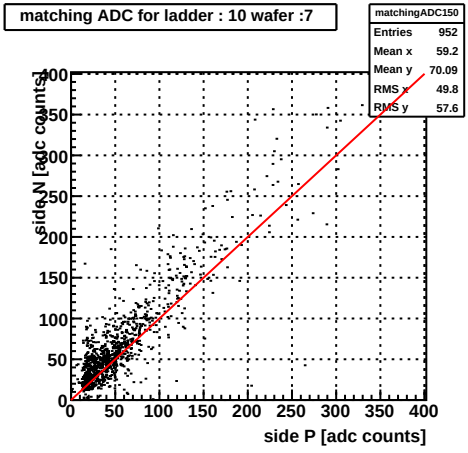

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 859
Mean x 58.64
Mean y 57.42
RMS x 53.94
RMS y 56.81
side N [adc counts]
side P [adc counts]

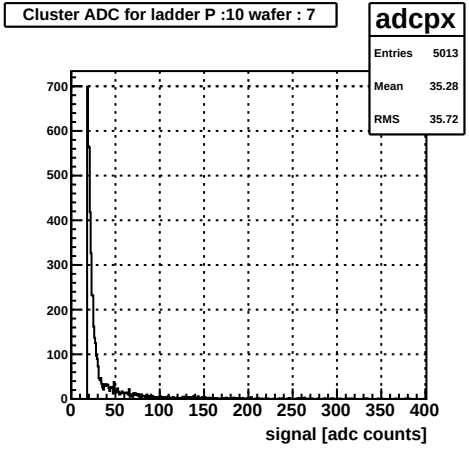

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 5228
Mean 33.24
RMS 31.97
signal [adc counts]

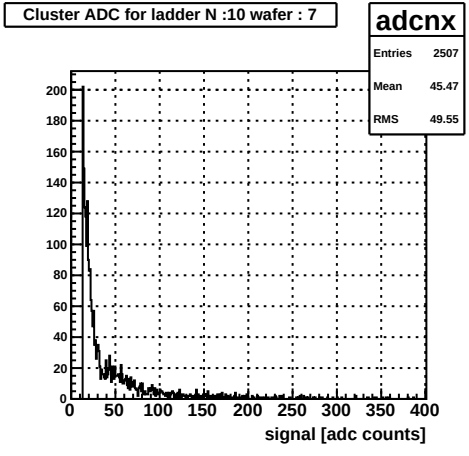

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 2365
Mean 39.53
RMS 44.11
signal [adc counts]

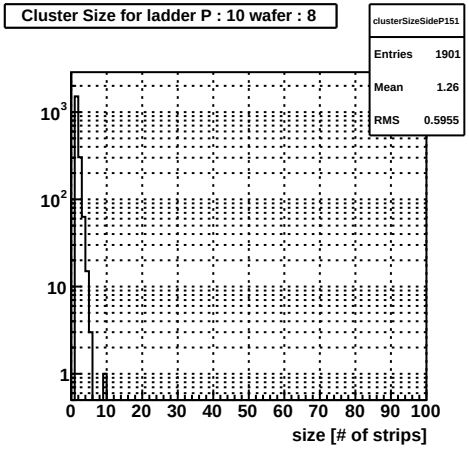

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 5013
Mean 1.124
RMS 0.4166
size [# of strips]

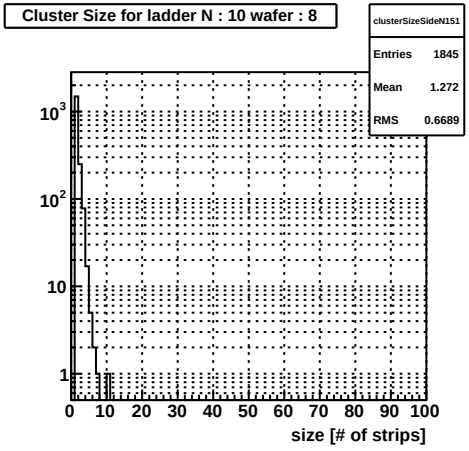

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 2507
Mean 1.281
RMS 0.6368
size [# of strips]

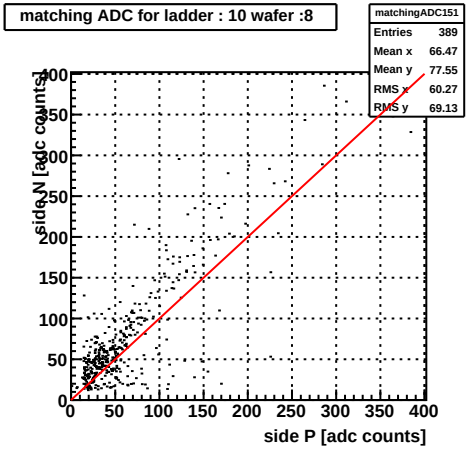

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 952
Mean x 59.2
Mean y 70.09
RMS x 49.8
RMS y 57.6
side N [adc counts]
side P [adc counts]

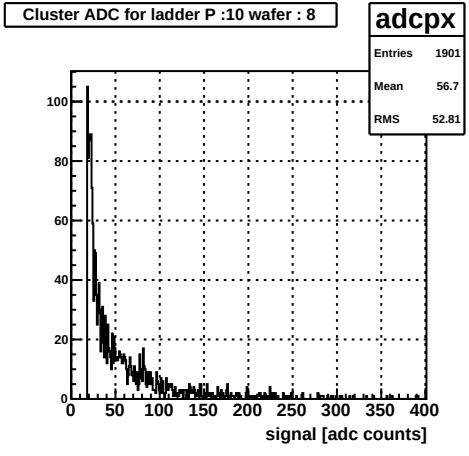

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 5013
Mean 35.28
RMS 35.72
signal [adc counts]

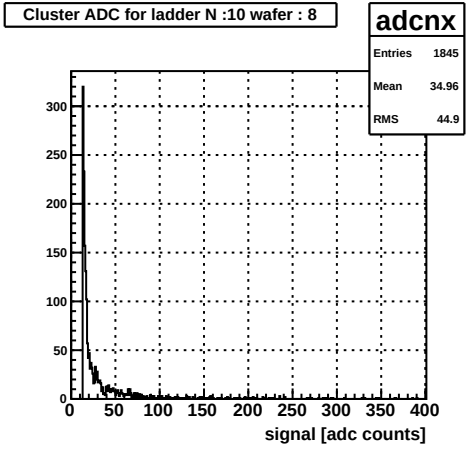

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 2507
Mean 45.47
RMS 49.55
signal [adc counts]

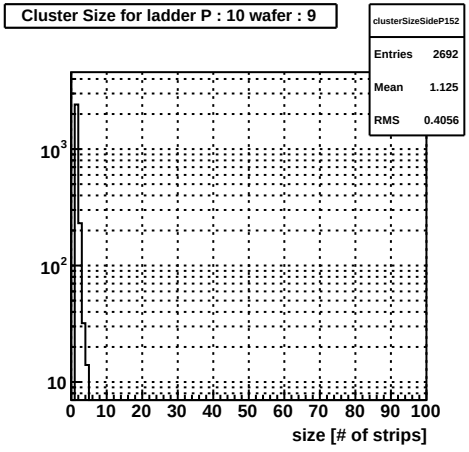

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 1901
Mean 1.26
RMS 0.5955
size [# of strips]

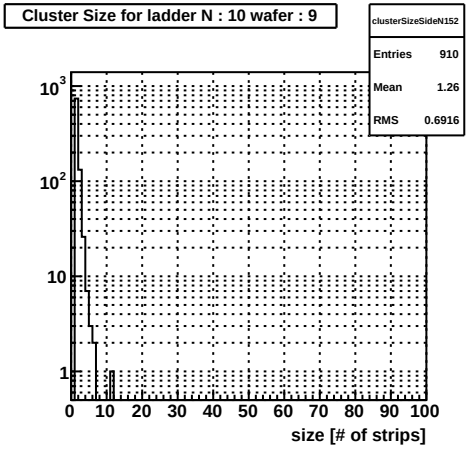

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 1845
Mean 1.272
RMS 0.6689
size [# of strips]

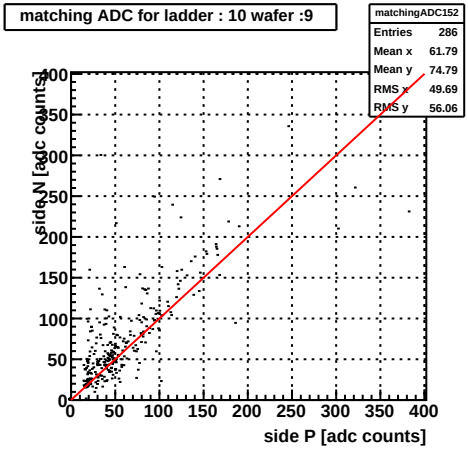

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 389
Mean x 66.47
Mean y 77.55
RMS x 60.27
RMS y 69.13
side N [adc counts]
side P [adc counts]

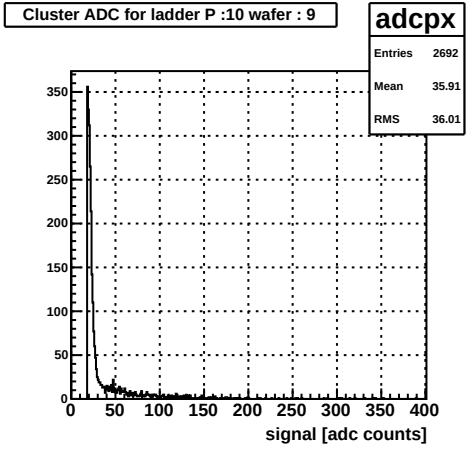

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 1901
Mean 56.7
RMS 52.81
signal [adc counts]

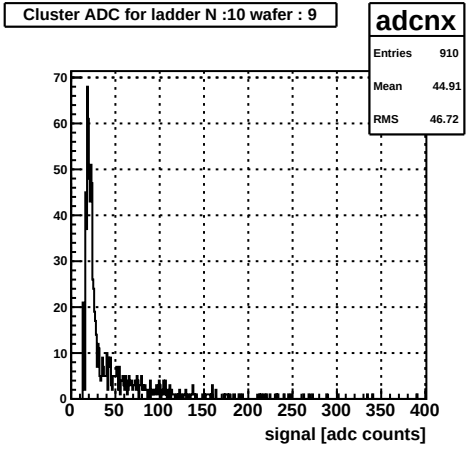

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 1845
Mean 34.96
RMS 44.9
signal [adc counts]

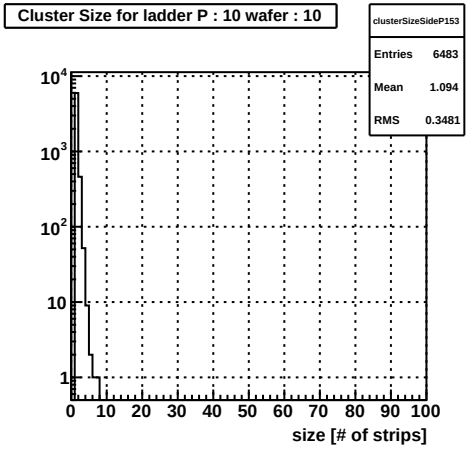

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 2692
Mean 1.125
RMS 0.4056
size [# of strips]

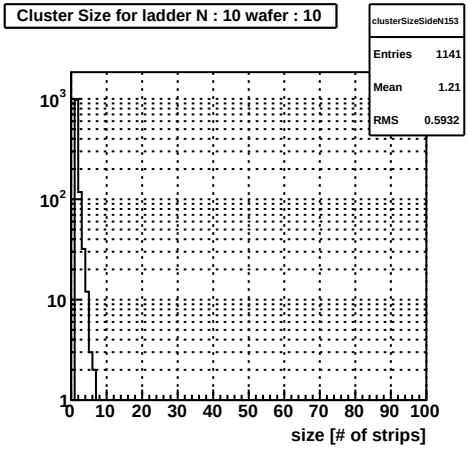

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 910
Mean 1.26
RMS 0.6916
size [# of strips]

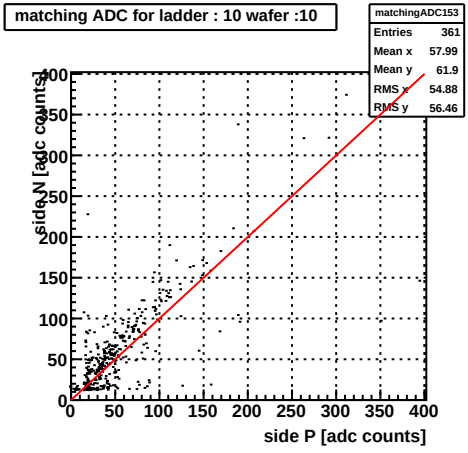

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 286
Mean x 61.79
Mean y 74.79
RMS x 49.69
RMS y 56.06
side N [adc counts]
side P [adc counts]

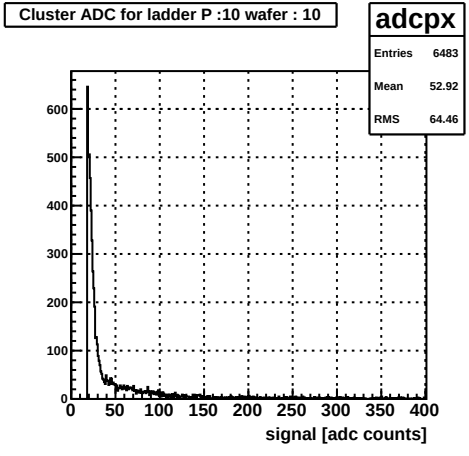

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 2692
Mean 35.91
RMS 36.01
signal [adc counts]

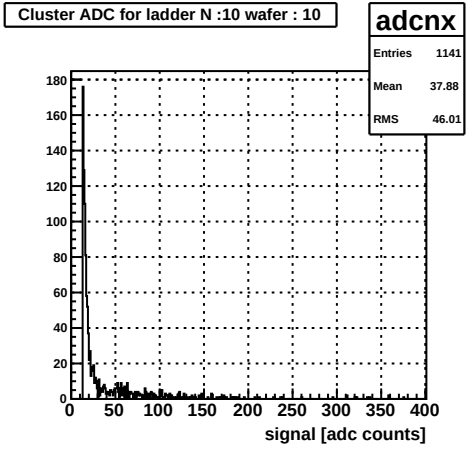

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 910
Mean 44.91
RMS 46.72
signal [adc counts]

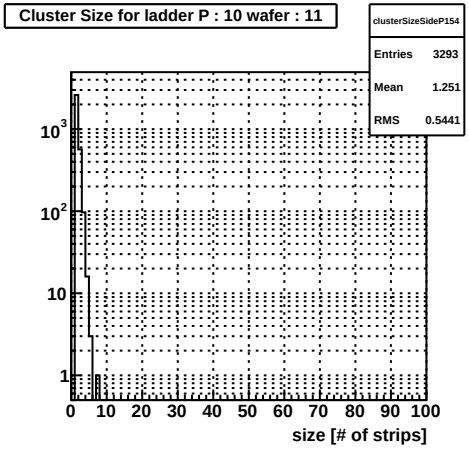

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 6483
Mean 1.094
RMS 0.3481
size [# of strips]

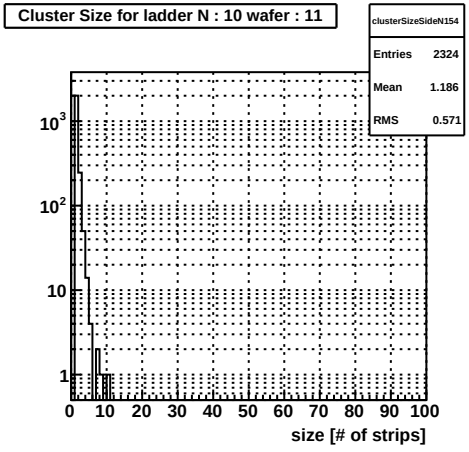

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 1141
Mean 1.21
RMS 0.5932
size [# of strips]

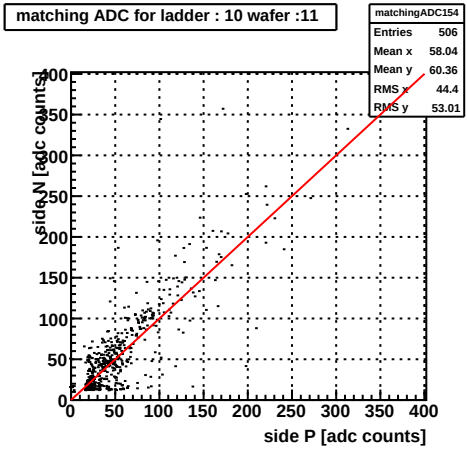

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 361
Mean x 57.99
Mean y 61.9
RMS x 54.88
RMS y 56.46
side N [adc counts]
side P [adc counts]

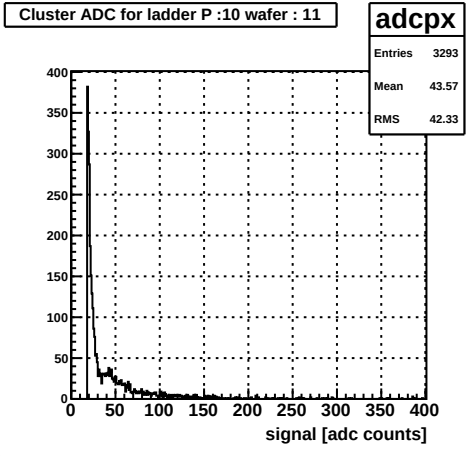

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 6483
Mean 52.92
RMS 64.46
signal [adc counts]

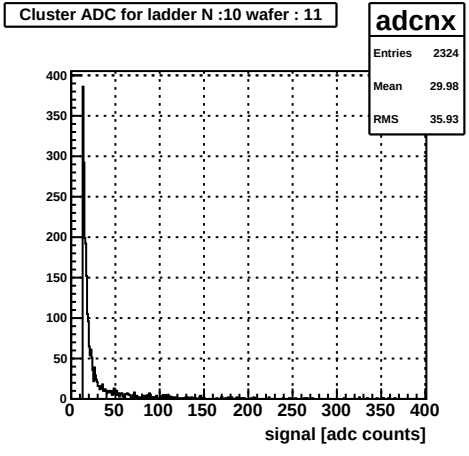

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 1141
Mean 37.88
RMS 46.01
signal [adc counts]

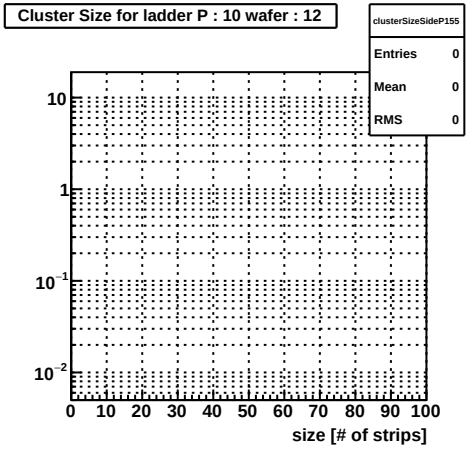

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 3293
Mean 1.251
RMS 0.5441
size [# of strips]

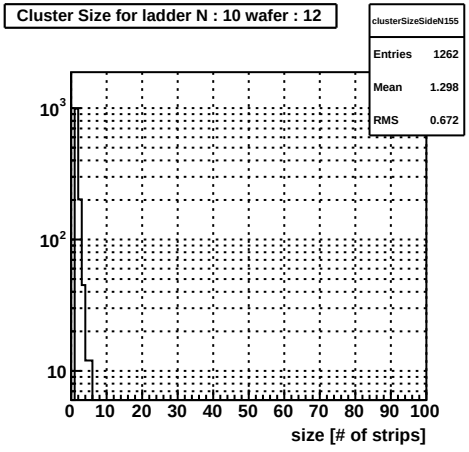

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 2324
Mean 1.186
RMS 0.571
size [# of strips]

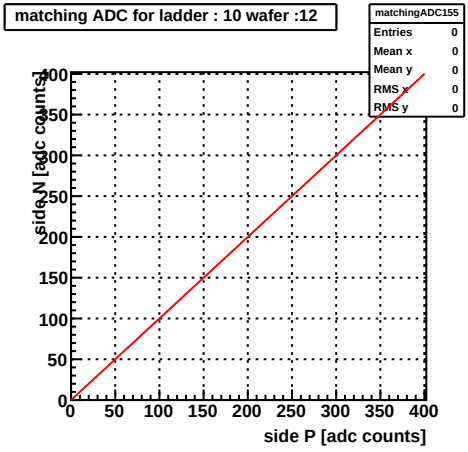

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 506
Mean x 58.04
Mean y 60.36
RMS x 44.4
RMS y 53.01
side N [adc counts]
side P [adc counts]

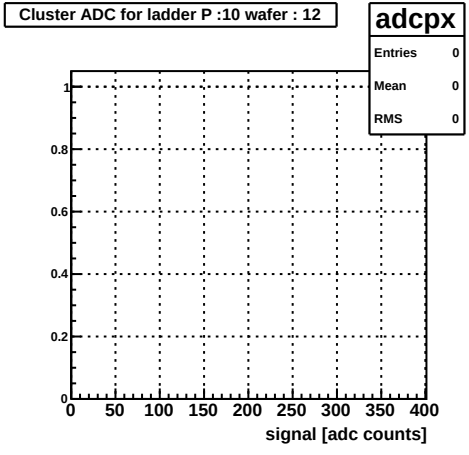

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 3293
Mean 43.57
RMS 42.33
signal [adc counts]

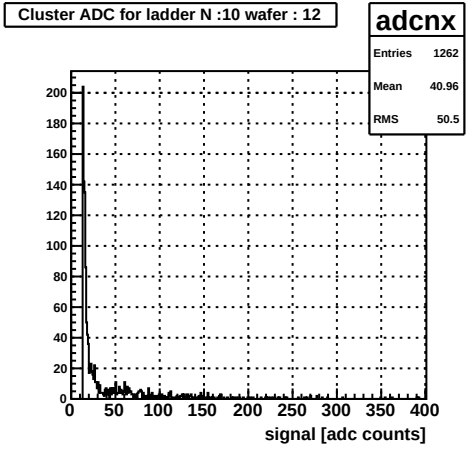

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 2324
Mean 29.98
RMS 35.93
signal [adc counts]

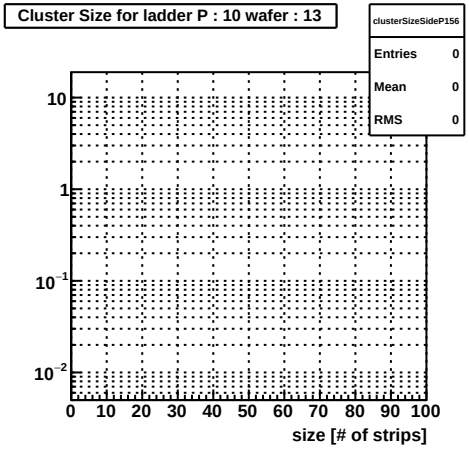

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

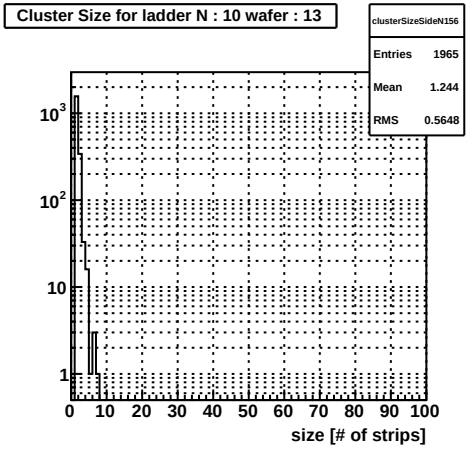

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 1262
Mean 1.298
RMS 0.672
size [# of strips]

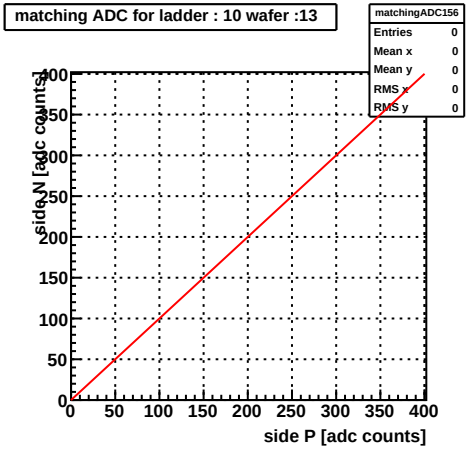

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

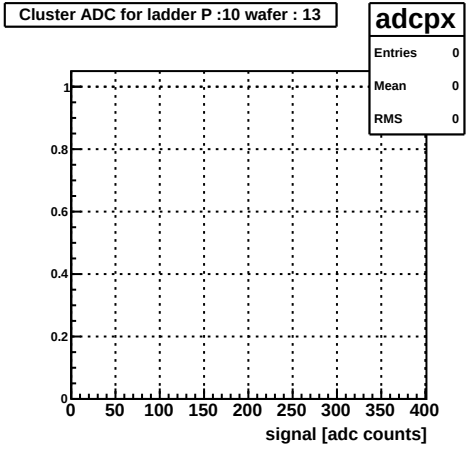

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

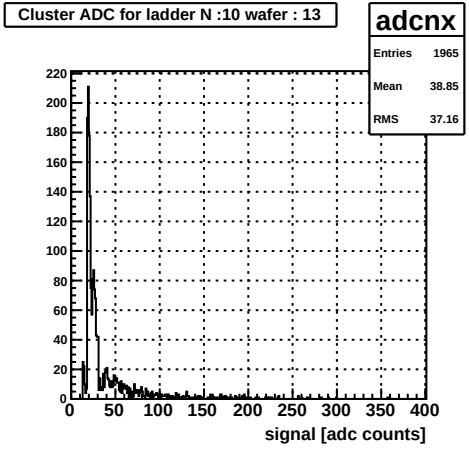

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 1262
Mean 40.96
RMS 50.5
signal [adc counts]

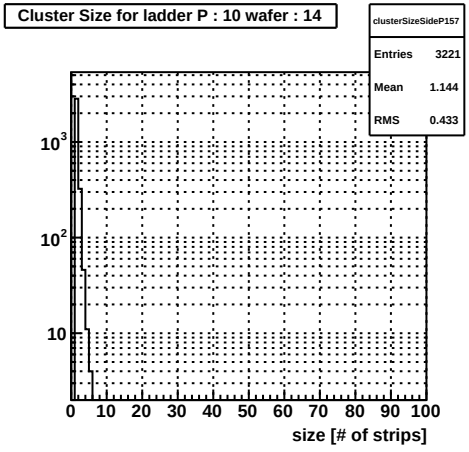

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

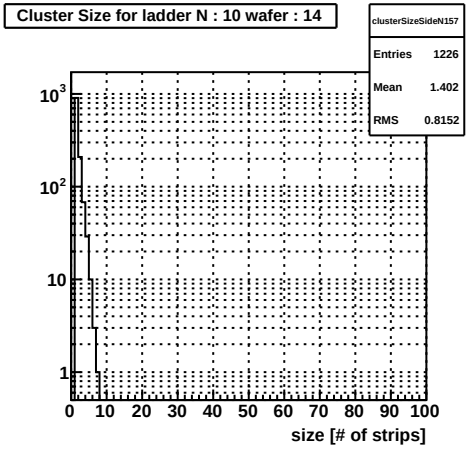

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 1965
Mean 1.244
RMS 0.5648
size [# of strips]

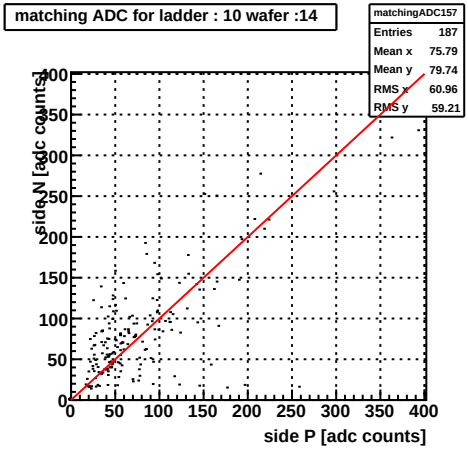

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

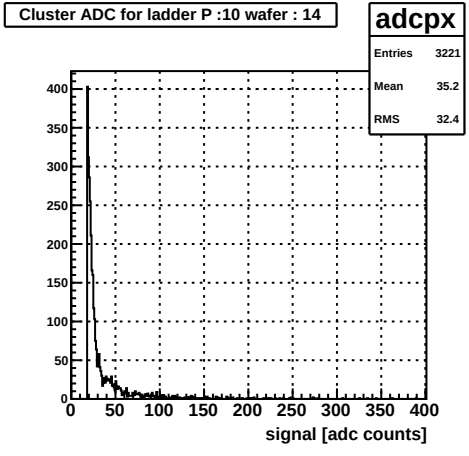

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

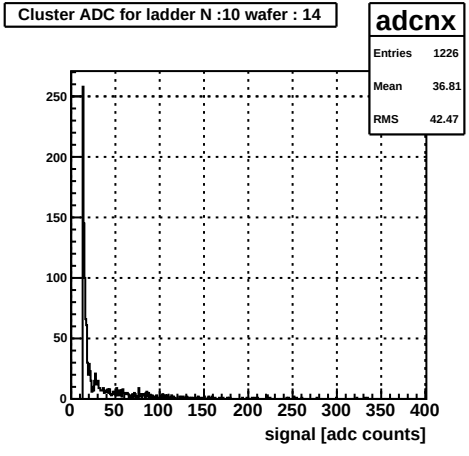

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 1965
Mean 38.85
RMS 37.16
signal [adc counts]

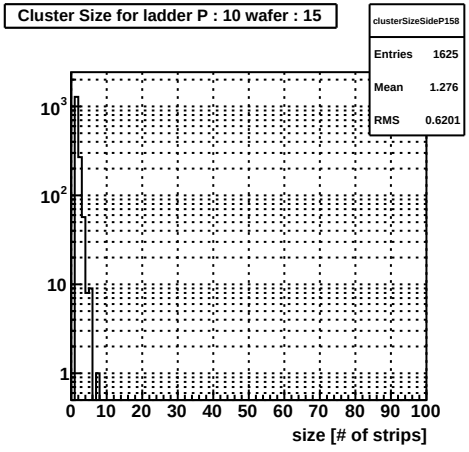

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 3221
Mean 1.144
RMS 0.433
size [# of strips]

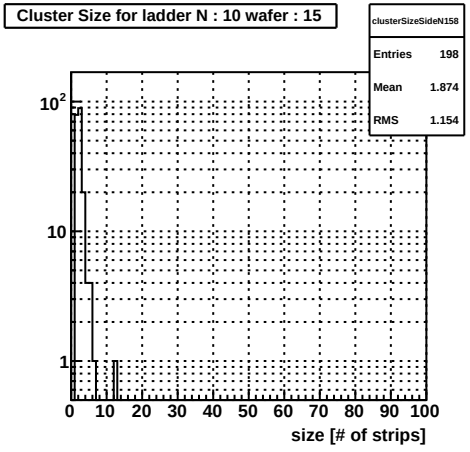

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1226
Mean 1.402
RMS 0.8152
size [# of strips]

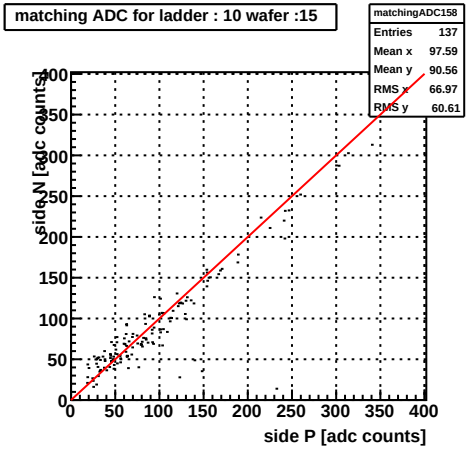

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 187
Mean x 75.79
Mean y 79.74
RMS x 60.96
RMS y 59.21
side N [adc counts]
side P [adc counts]

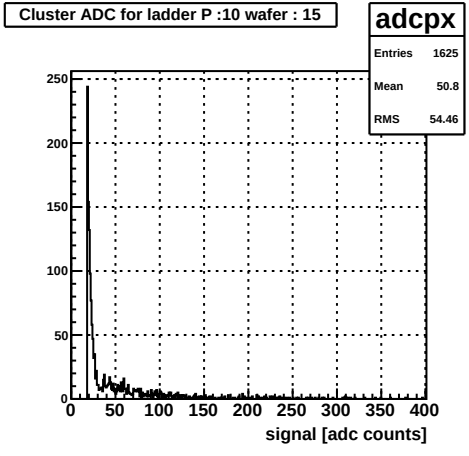

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 3221
Mean 35.2
RMS 32.4
signal [adc counts]

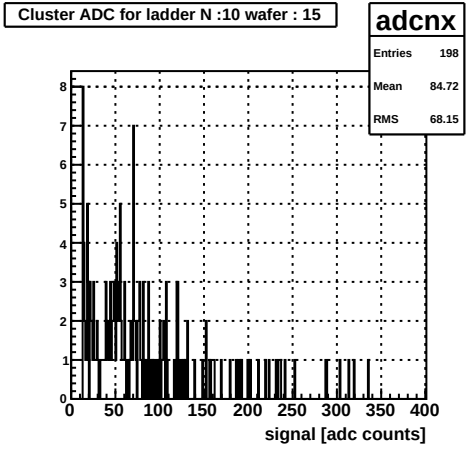

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1226
Mean 36.81
RMS 42.47
signal [adc counts]

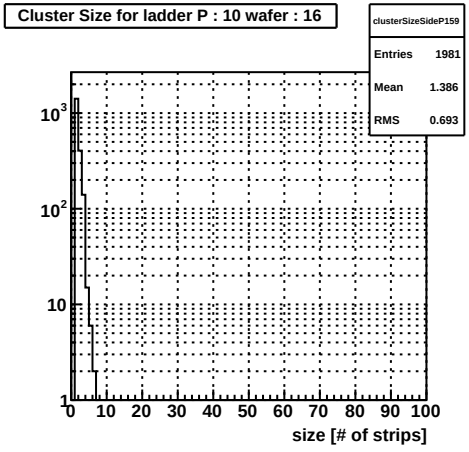

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 1625
Mean 1.276
RMS 0.6201
size [# of strips]

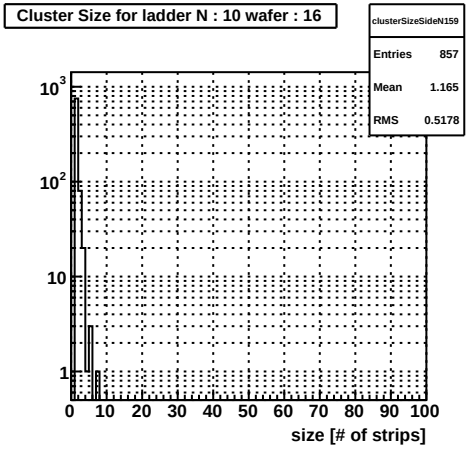

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 198
Mean 1.874
RMS 1.154
size [# of strips]

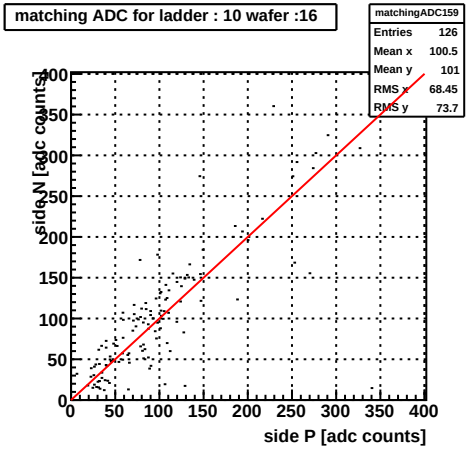

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 137
Mean x 97.59
Mean y 90.56
RMS x 66.97
RMS y 60.61
side N [adc counts]
side P [adc counts]

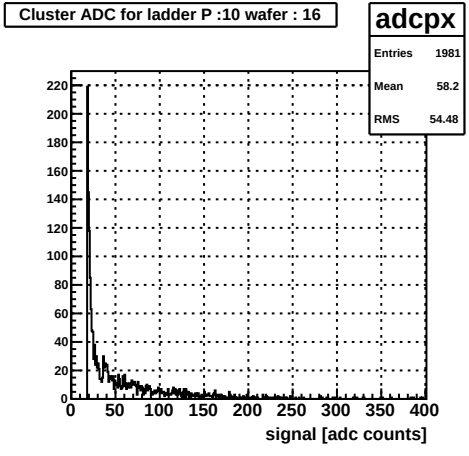

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 1625
Mean 50.8
RMS 54.46
signal [adc counts]

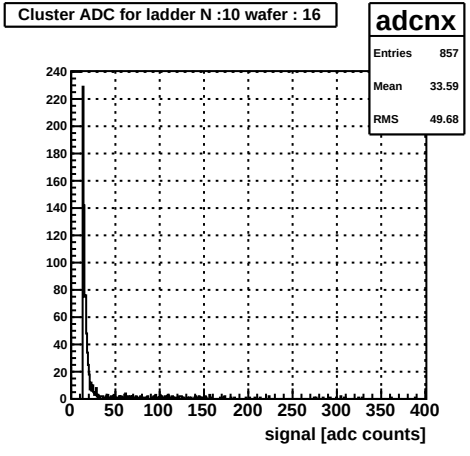

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 198
Mean 84.72
RMS 68.15
signal [adc counts]

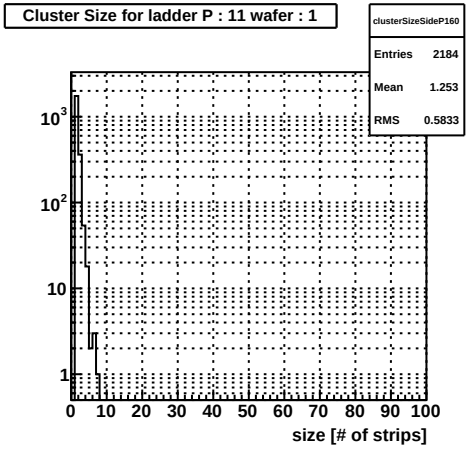

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 1981
Mean 1.386
RMS 0.693
size [# of strips]

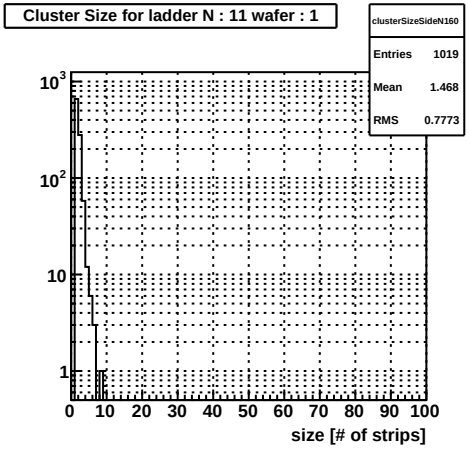

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 857
Mean 1.165
RMS 0.5178
size [# of strips]

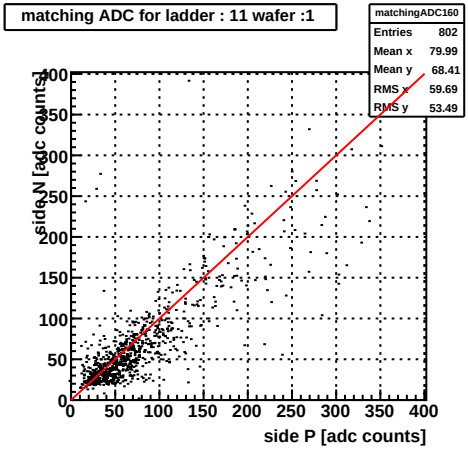

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 126
Mean x 100.5
Mean y 101
RMS x 68.45
RMS y 73.7
side N [adc counts]
side P [adc counts]

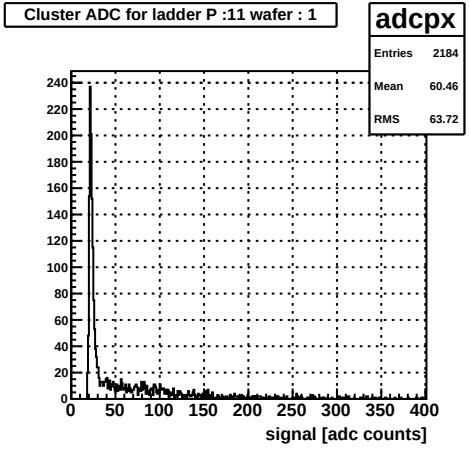

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 1981
Mean 58.2
RMS 54.48
signal [adc counts]

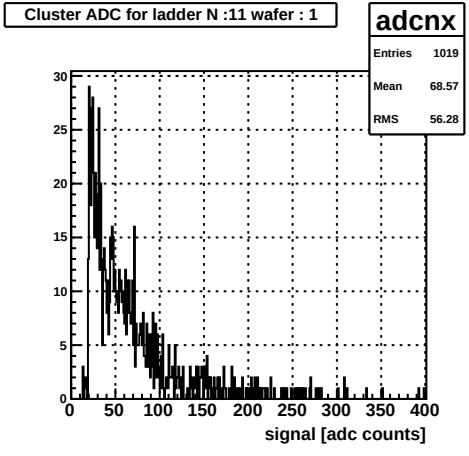

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 857
Mean 33.59
RMS 49.68
signal [adc counts]

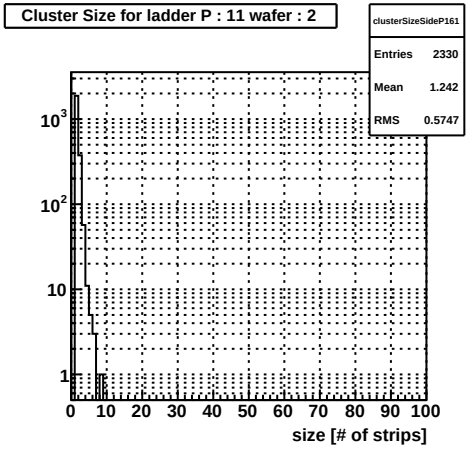

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 2184
Mean 1.253
RMS 0.5833
size [# of strips]

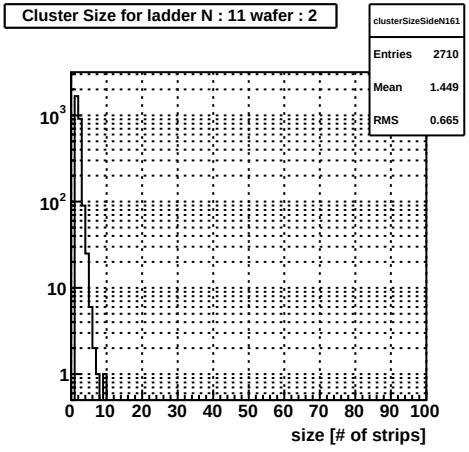

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1019
Mean 1.468
RMS 0.7773
size [# of strips]

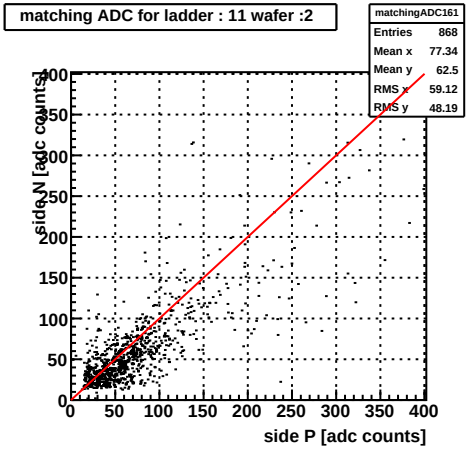

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 802
Mean x 79.99
Mean y 68.41
RMS x 59.69
RMS y 53.49
side N [adc counts]
side P [adc counts]

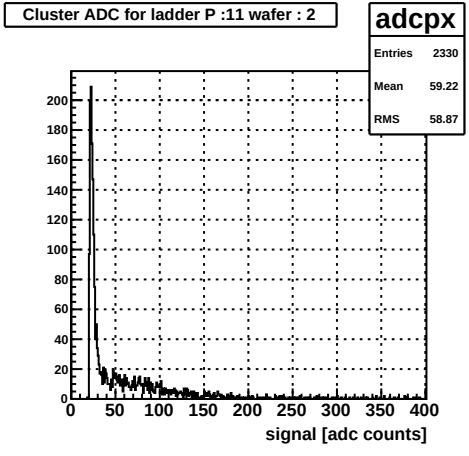

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 2184
Mean 60.46
RMS 63.72
signal [adc counts]

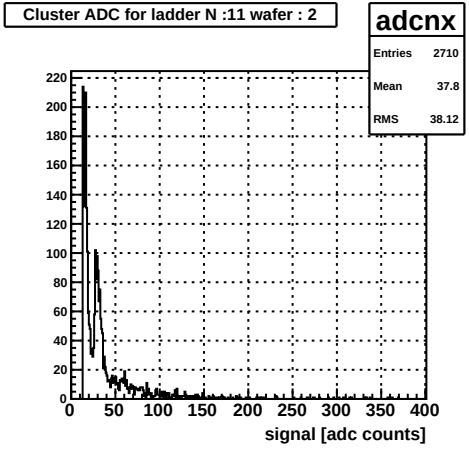

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1019
Mean 68.57
RMS 56.28
signal [adc counts]

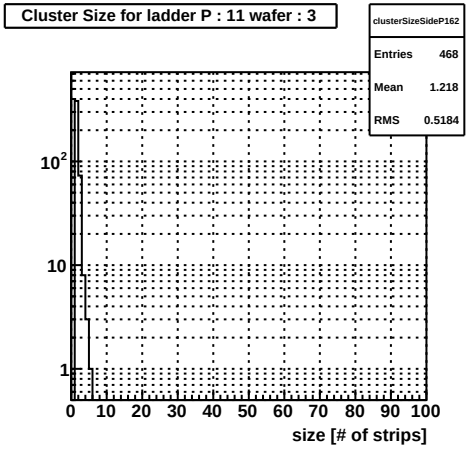

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 2330
Mean 1.242
RMS 0.5747
size [# of strips]

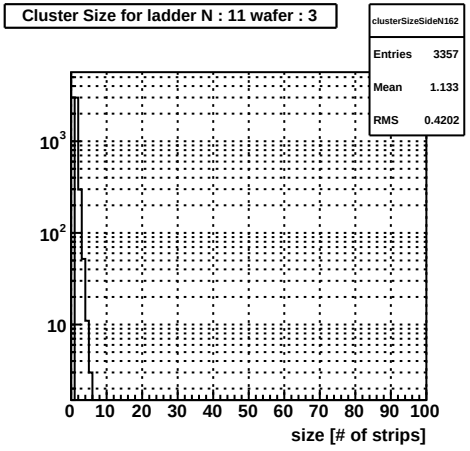

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 2710
Mean 1.449
RMS 0.665
size [# of strips]

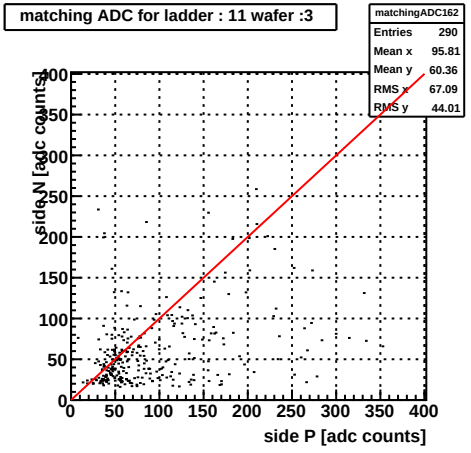

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 868
Mean x 77.34
Mean y 62.5
RMS x 59.12
RMS y 48.19
side N [adc counts]
side P [adc counts]

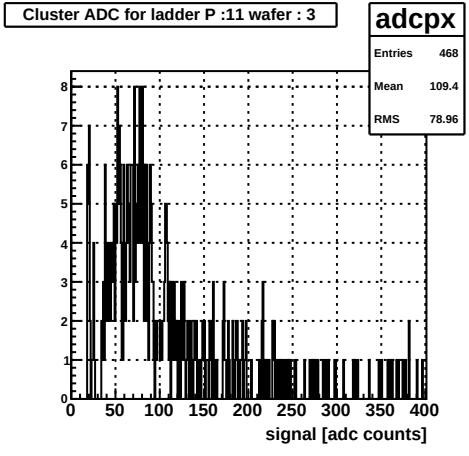

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 2330
Mean 59.22
RMS 58.87
signal [adc counts]

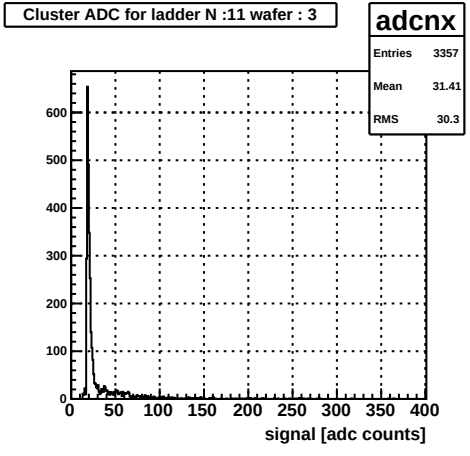

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 2710
Mean 37.8
RMS 38.12
signal [adc counts]

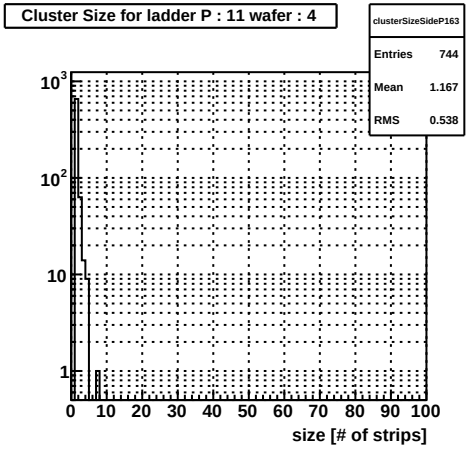

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 468
Mean 1.218
RMS 0.5184
size [# of strips]

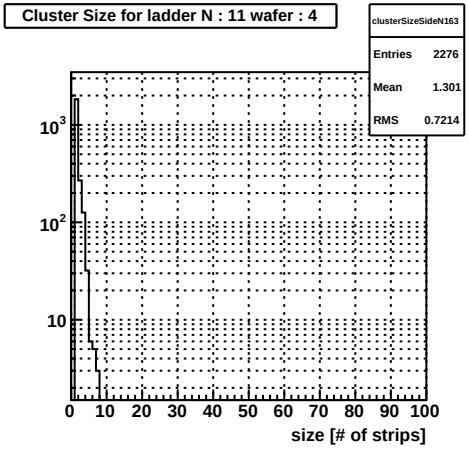

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 3357
Mean 1.133
RMS 0.4202
size [# of strips]

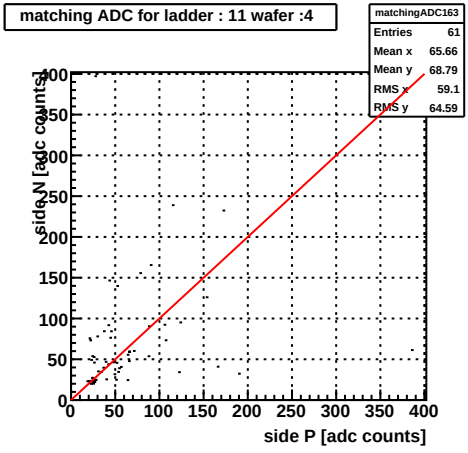

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 290
Mean x 95.81
Mean y 60.36
RMS x 67.09
RMS y 44.01
side N [adc counts]
side P [adc counts]

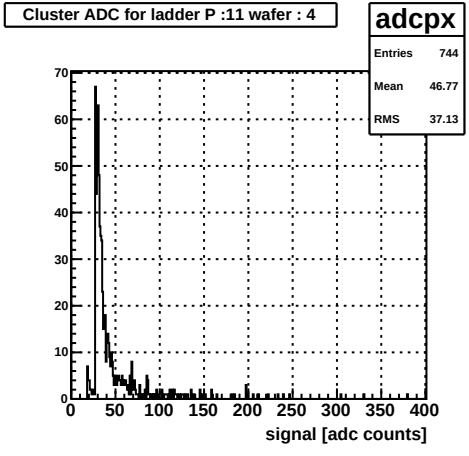

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 468
Mean 109.4
RMS 78.96
signal [adc counts]

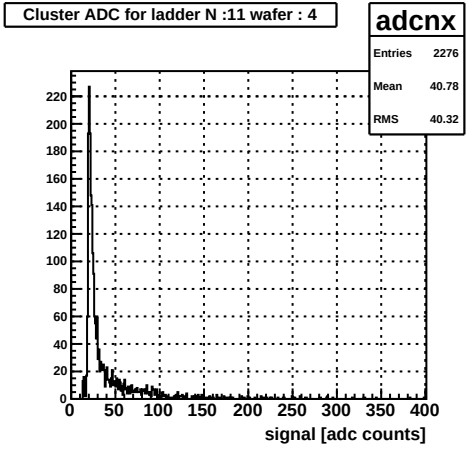

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 3357
Mean 31.41
RMS 30.3
signal [adc counts]

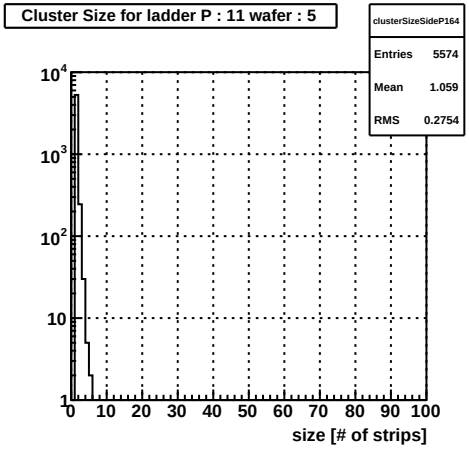

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 744
Mean 1.167
RMS 0.538
size [# of strips]

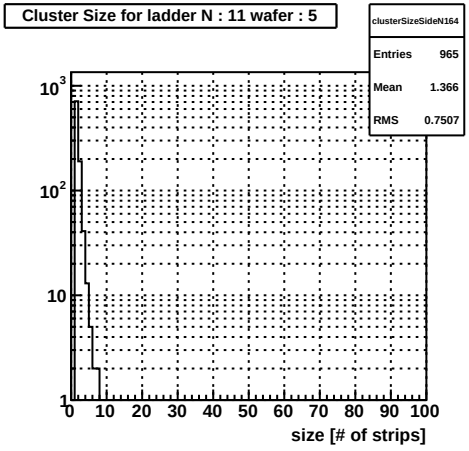

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 2276
Mean 1.301
RMS 0.7214
size [# of strips]

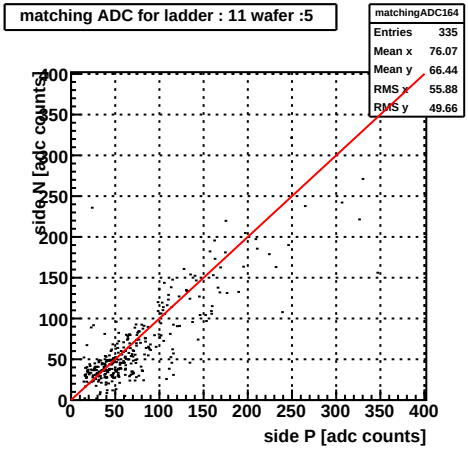

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 61
Mean x 65.66
Mean y 68.79
RMS x 59.1
RMS y 64.59
side N [adc counts]
side P [adc counts]

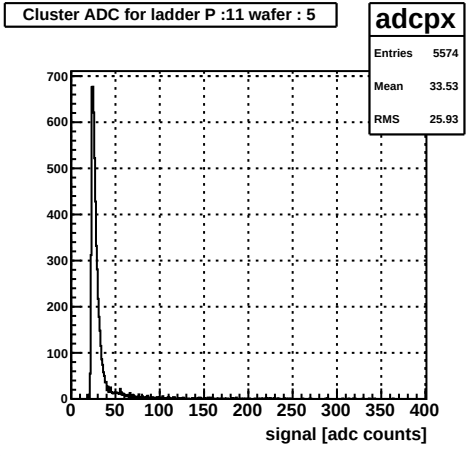

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 744
Mean 46.77
RMS 37.13
signal [adc counts]

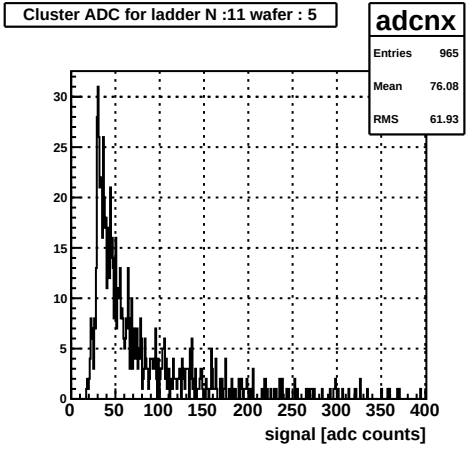

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 2276
Mean 40.78
RMS 40.32
signal [adc counts]

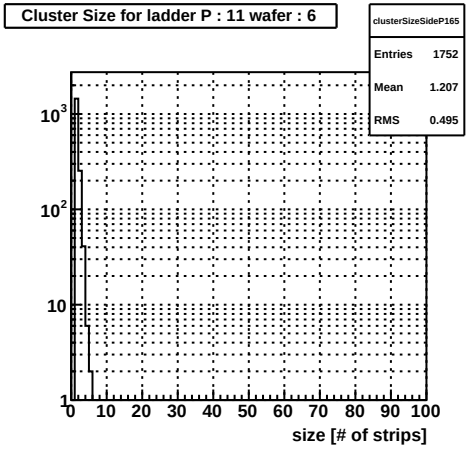

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 5574
Mean 1.059
RMS 0.2754
size [# of strips]

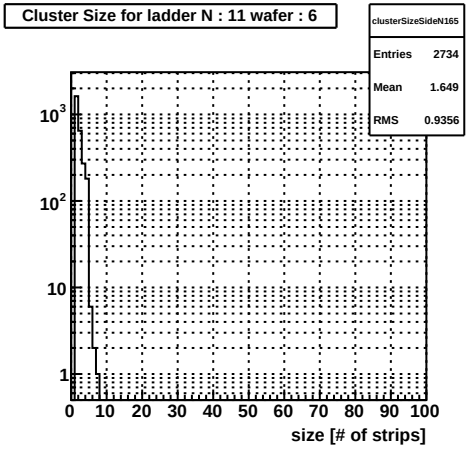

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 965
Mean 1.366
RMS 0.7507
size [# of strips]

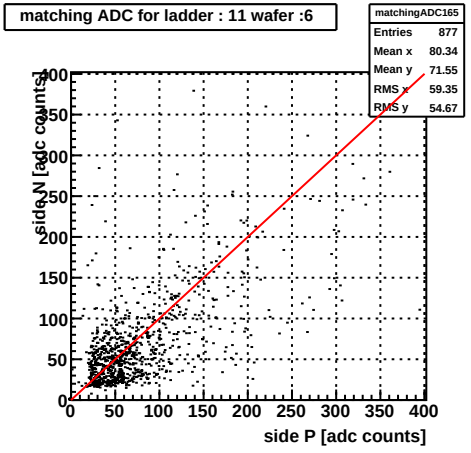

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 335
Mean x 76.07
Mean y 66.44
RMS x 55.88
RMS y 49.66
side N [adc counts]
side P [adc counts]

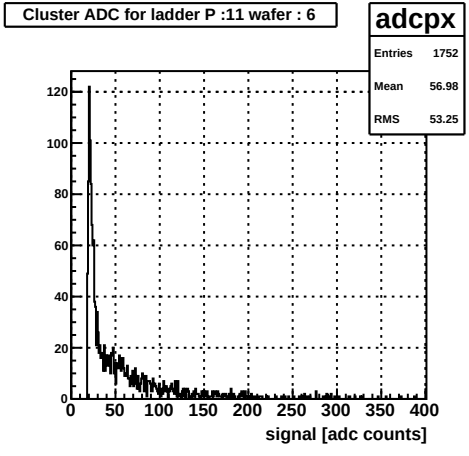

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 5574
Mean 33.53
RMS 25.93
signal [adc counts]

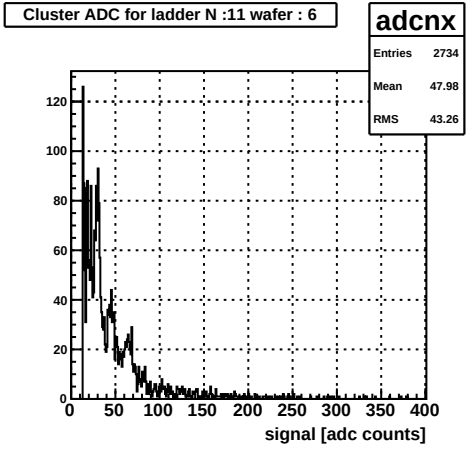

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 965
Mean 76.08
RMS 61.93
signal [adc counts]

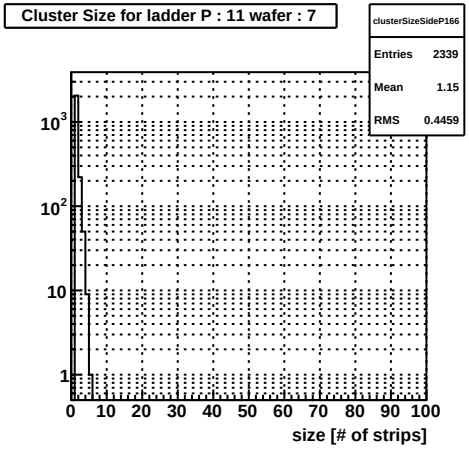

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 1752
Mean 1.207
RMS 0.495
size [# of strips]

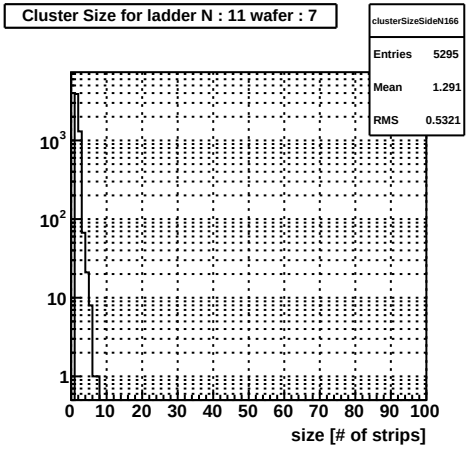

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 2734
Mean 1.649
RMS 0.9356
size [# of strips]

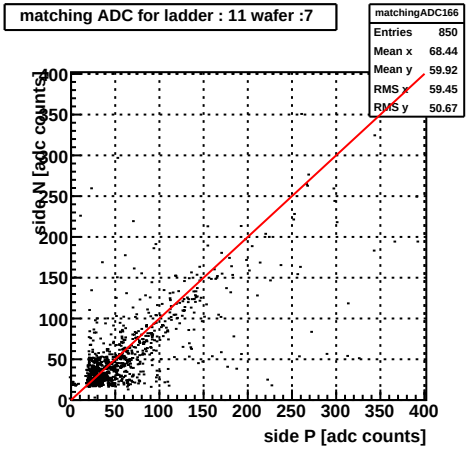

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 877
Mean x 80.34
Mean y 71.55
RMS x 59.35
RMS y 54.67
side N [adc counts]
side P [adc counts]

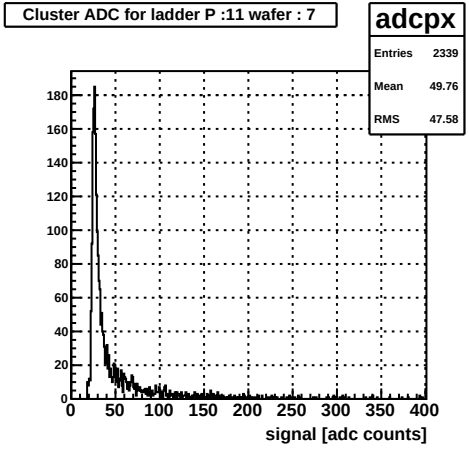

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 1752
Mean 56.98
RMS 53.25
signal [adc counts]

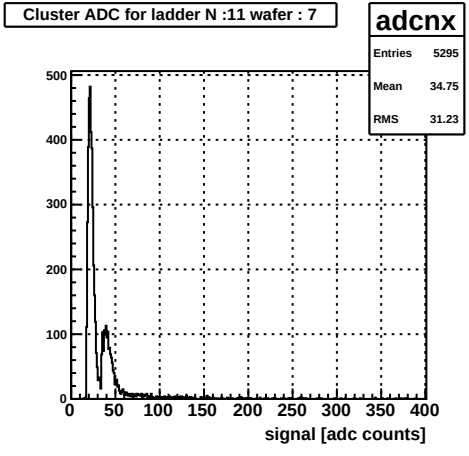

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 2734
Mean 47.98
RMS 43.26
signal [adc counts]

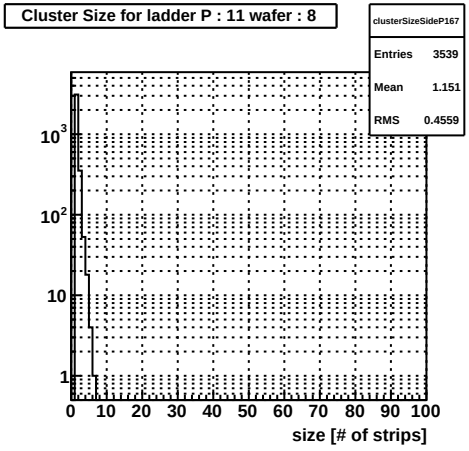

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 2339
Mean 1.15
RMS 0.4459
size [# of strips]

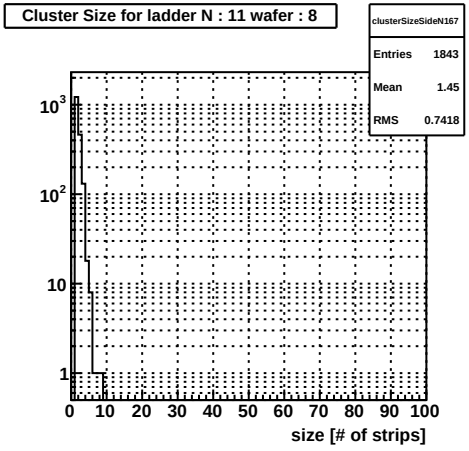

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 5295
Mean 1.291
RMS 0.5321
size [# of strips]

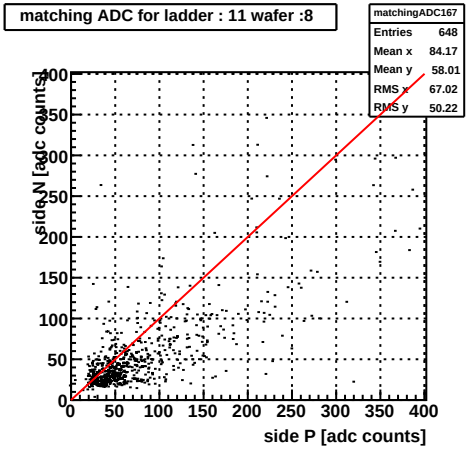

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 850
Mean x 68.44
Mean y 59.92
RMS x 59.45
RMS y 50.67
side N [adc counts]
side P [adc counts]

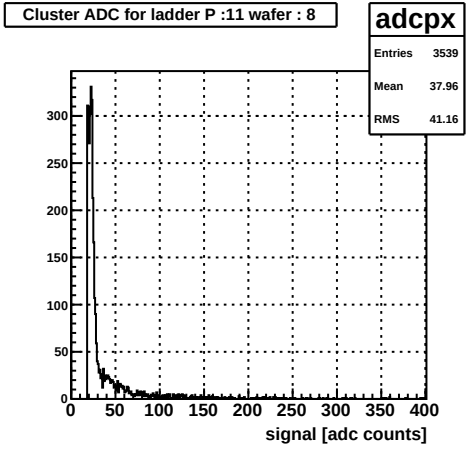

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 2339
Mean 49.76
RMS 47.58
signal [adc counts]

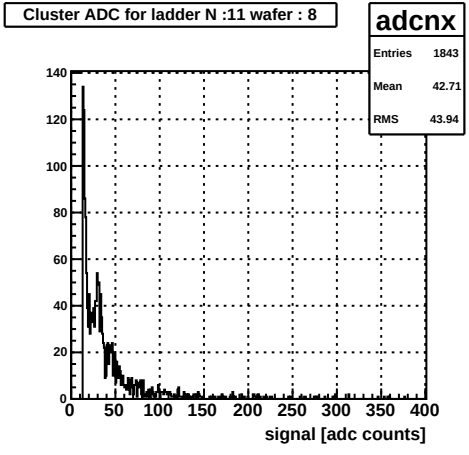

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 5295
Mean 34.75
RMS 31.23
signal [adc counts]

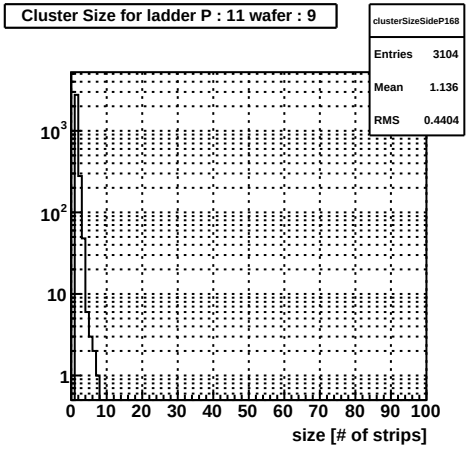

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 3539
Mean 1.151
RMS 0.4559
size [# of strips]

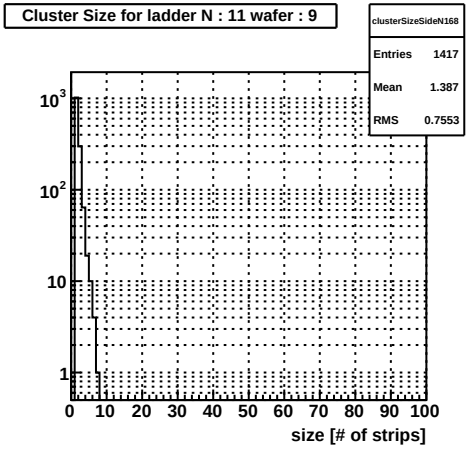

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1843
Mean 1.45
RMS 0.7418
size [# of strips]

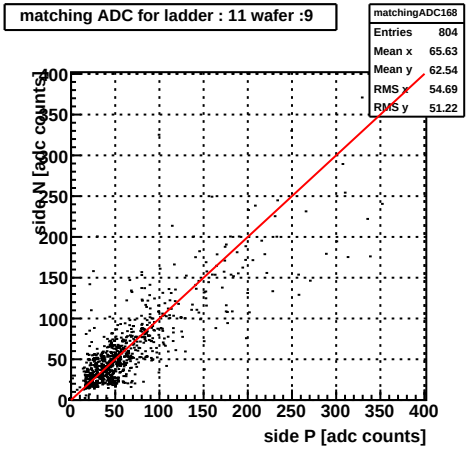

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 648
Mean x 84.17
Mean y 58.01
RMS x 67.02
RMS y 50.22
side N [adc counts]
side P [adc counts]

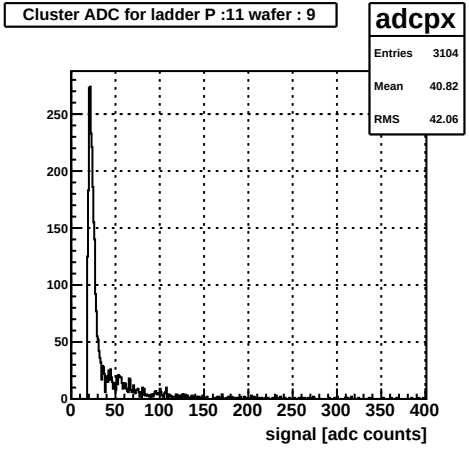

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 3539
Mean 37.96
RMS 41.16
signal [adc counts]

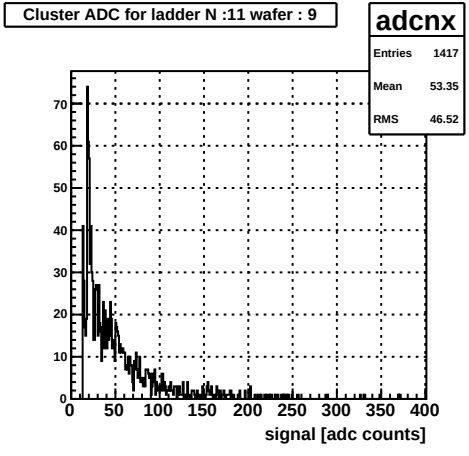

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1843
Mean 42.71
RMS 43.94
signal [adc counts]

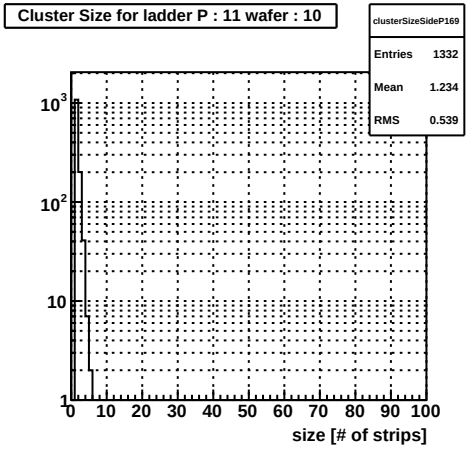

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 3104
Mean 1.136
RMS 0.4404
size [# of strips]

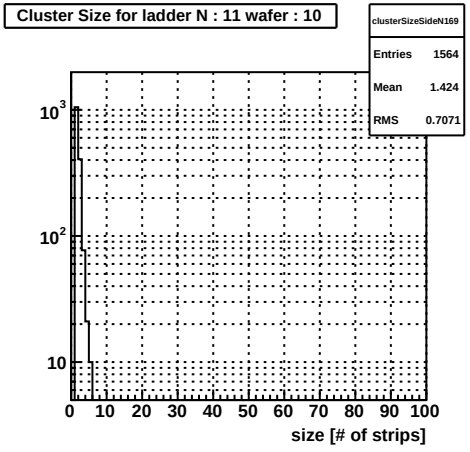

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 1417
Mean 1.387
RMS 0.7553
size [# of strips]

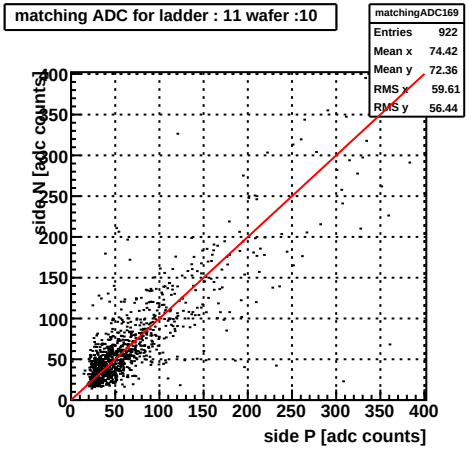

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 804
Mean x 65.63
Mean y 62.54
RMS x 54.69
RMS y 51.22
side N [adc counts]
side P [adc counts]

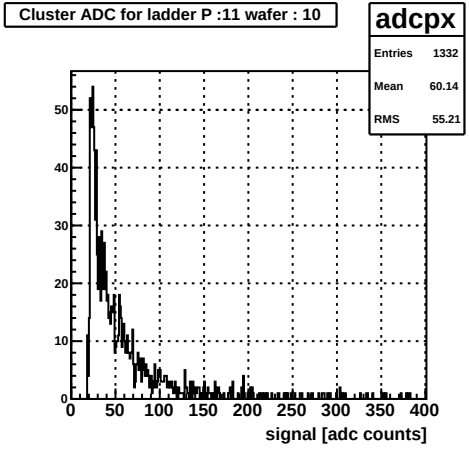

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 3104
Mean 40.82
RMS 42.06
signal [adc counts]

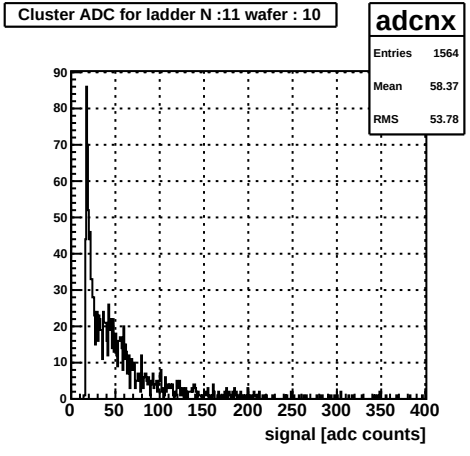

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 1417
Mean 53.35
RMS 46.52
signal [adc counts]

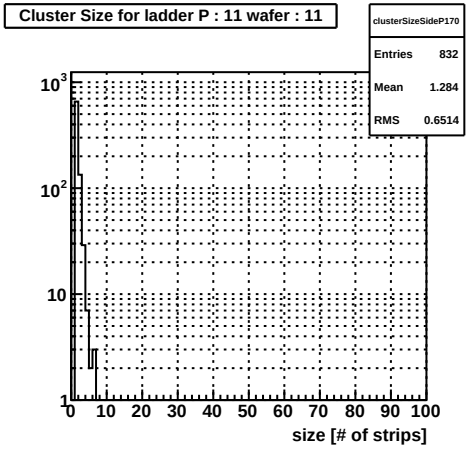

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 1332
Mean 1.234
RMS 0.539
size [# of strips]

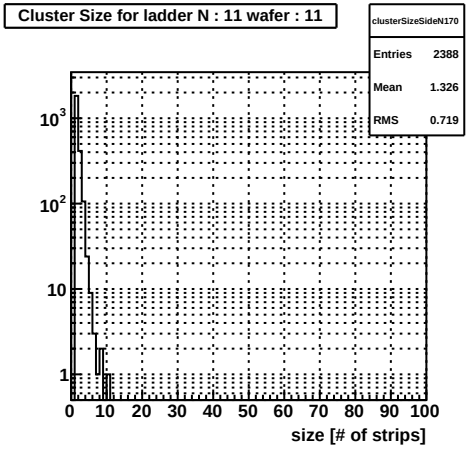

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 1564
Mean 1.424
RMS 0.7071
size [# of strips]

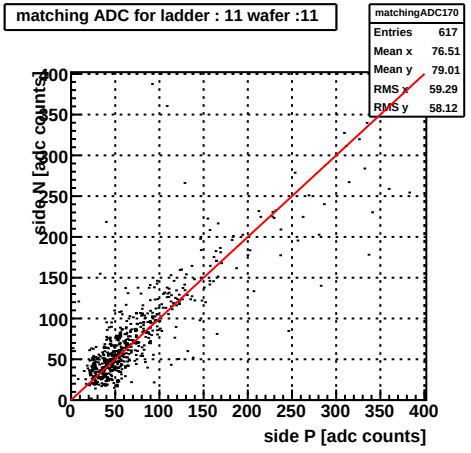

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 922
Mean x 74.42
Mean y 72.36
RMS x 59.61
RMS y 56.44
side N [adc counts]
side P [adc counts]

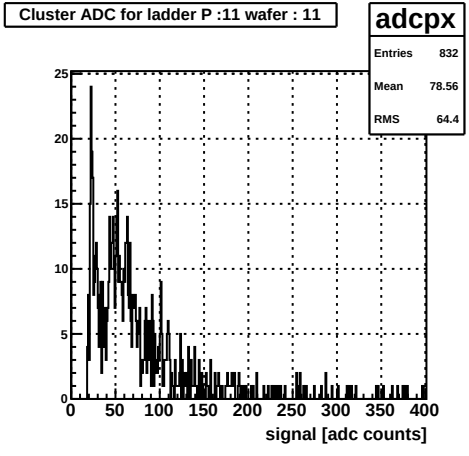

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 1332
Mean 60.14
RMS 55.21
signal [adc counts]

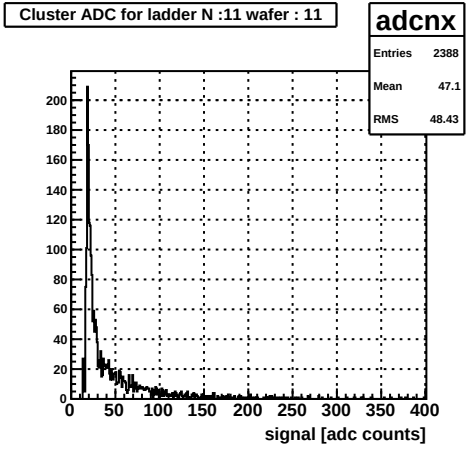

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 1564
Mean 58.37
RMS 53.78
signal [adc counts]

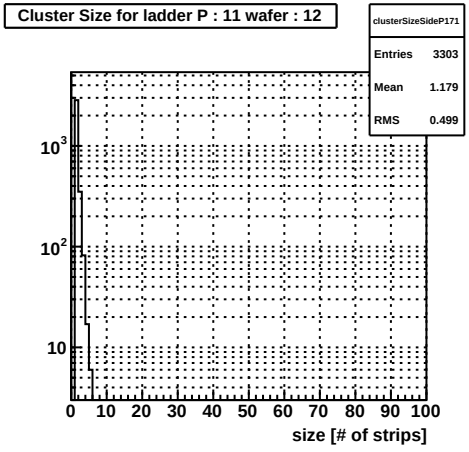

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 832
Mean 1.284
RMS 0.6514
size [# of strips]

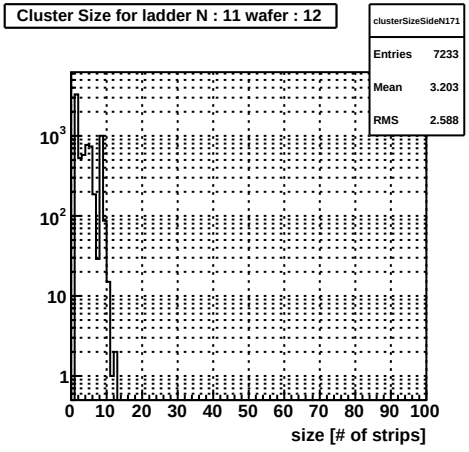

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 2388
Mean 1.326
RMS 0.719
size [# of strips]

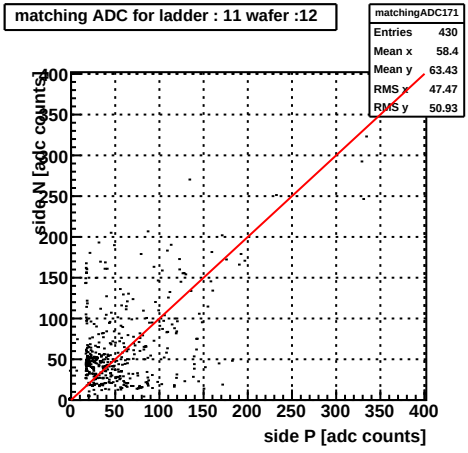

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 617
Mean x 76.51
Mean y 79.01
RMS x 59.29
RMS y 58.12
side N [adc counts]
side P [adc counts]

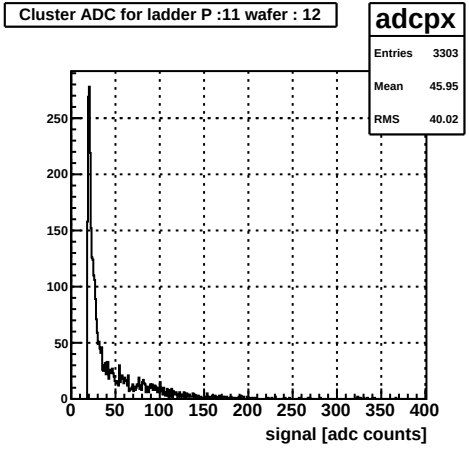

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 832
Mean 78.56
RMS 64.4
signal [adc counts]

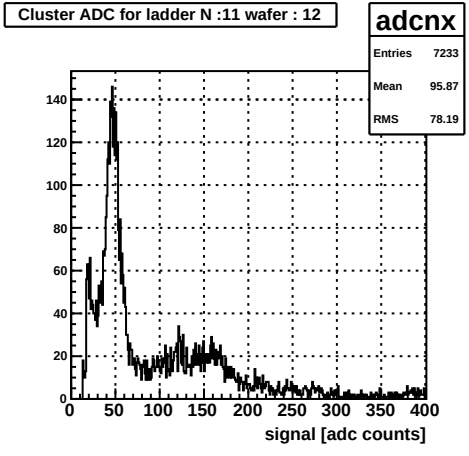

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 2388
Mean 47.1
RMS 48.43
signal [adc counts]

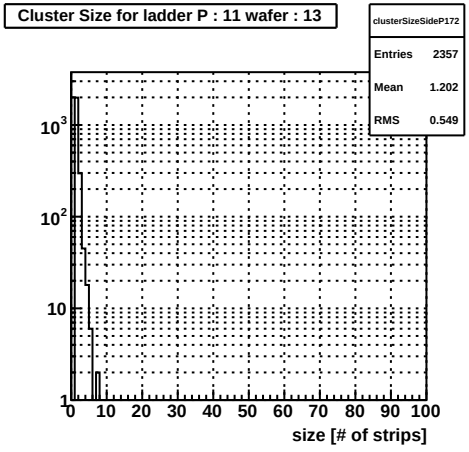

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 3303
Mean 1.179
RMS 0.499
size [# of strips]

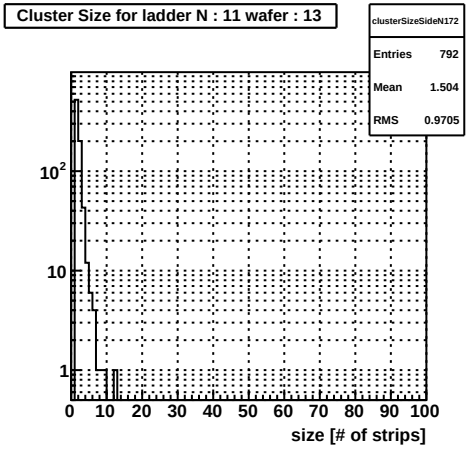

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 7233
Mean 3.203
RMS 2.588
size [# of strips]

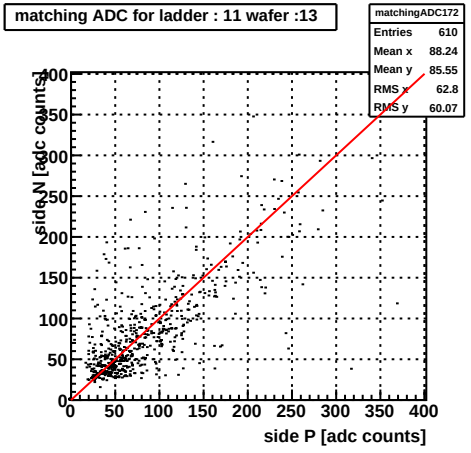

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 430
Mean x 58.4
Mean y 63.43
RMS x 47.47
RMS y 50.93
side N [adc counts]
side P [adc counts]

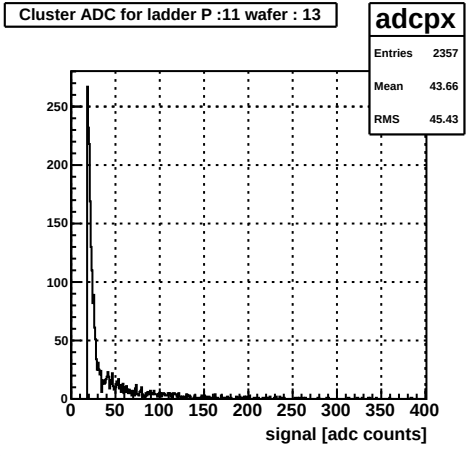

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 3303
Mean 45.95
RMS 40.02
signal [adc counts]

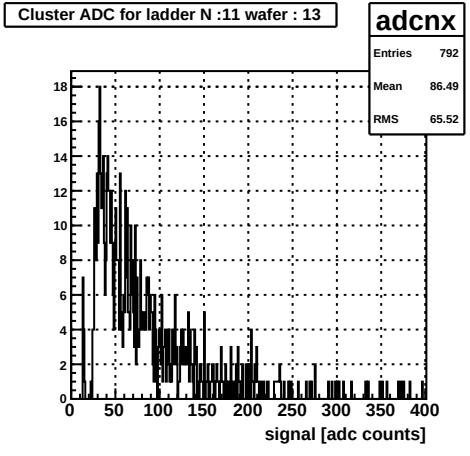

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 7233
Mean 95.87
RMS 78.19
signal [adc counts]

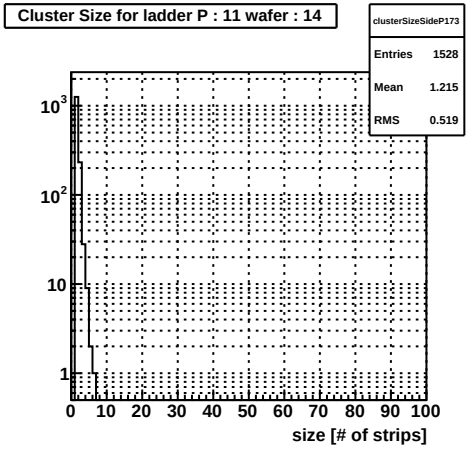

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 2357
Mean 1.202
RMS 0.549
size [# of strips]

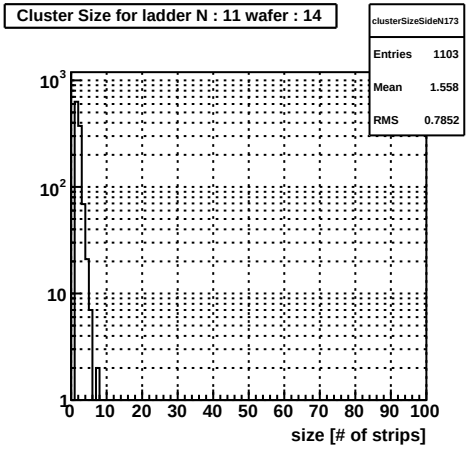

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 792
Mean 1.504
RMS 0.9705
size [# of strips]

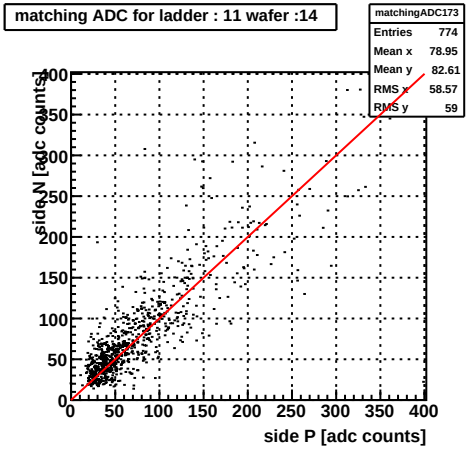

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 610
Mean x 88.24
Mean y 85.55
RMS x 62.8
RMS y 60.07
side N [adc counts]
side P [adc counts]

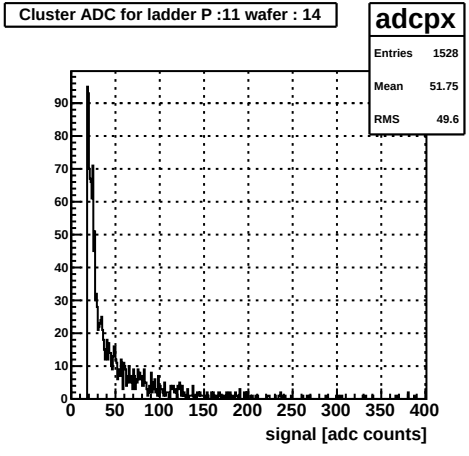

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 2357
Mean 43.66
RMS 45.43
signal [adc counts]

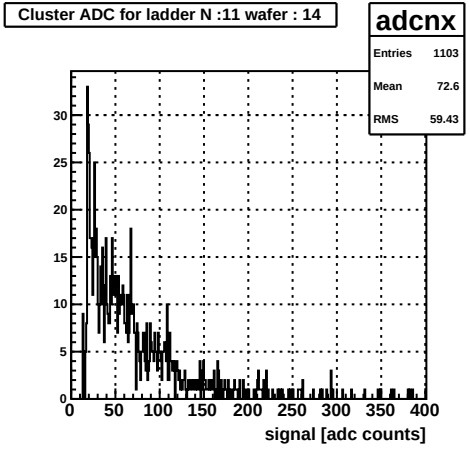

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 792
Mean 86.49
RMS 65.52
signal [adc counts]

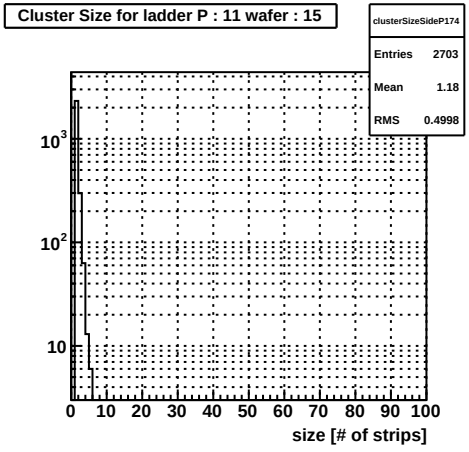

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 1528
Mean 1.215
RMS 0.519
size [# of strips]

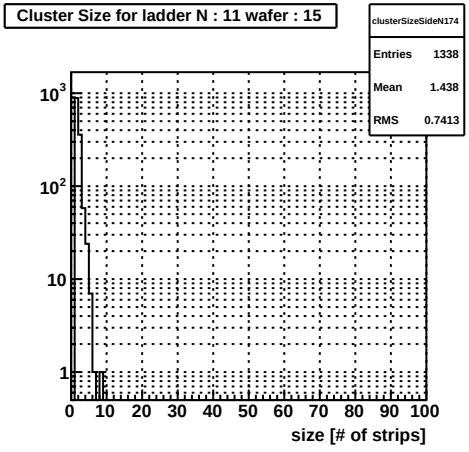

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1103
Mean 1.558
RMS 0.7852
size [# of strips]

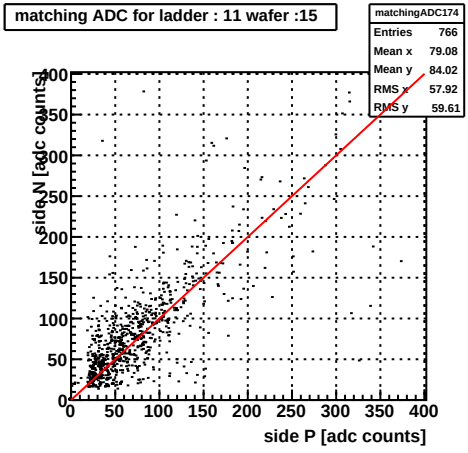

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 774
Mean x 78.95
Mean y 82.61
RMS x 58.57
RMS y 59
side N [adc counts]
side P [adc counts]

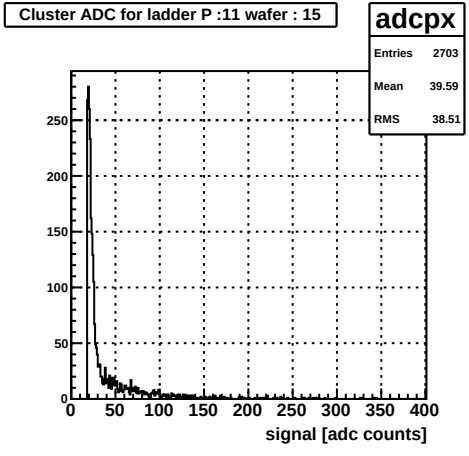

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 1528
Mean 51.75
RMS 49.6
signal [adc counts]

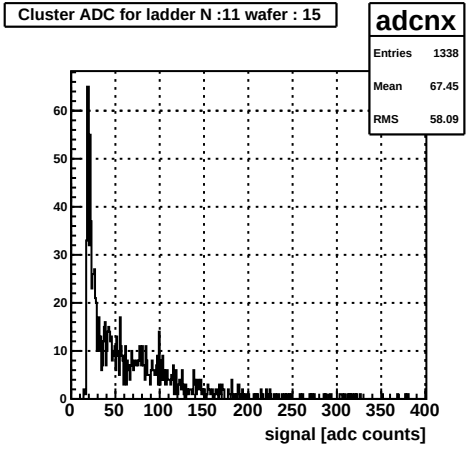

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1103
Mean 72.6
RMS 59.43
signal [adc counts]

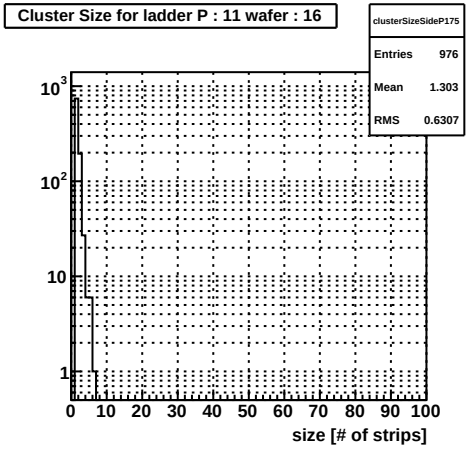

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 2703
Mean 1.18
RMS 0.4998
size [# of strips]

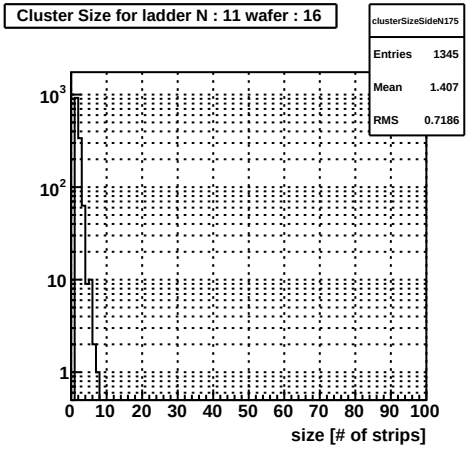

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1338
Mean 1.438
RMS 0.7413
size [# of strips]

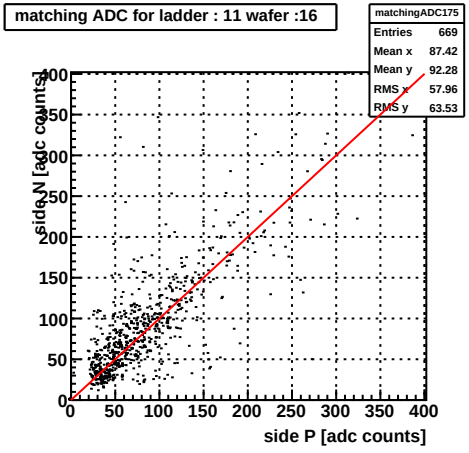

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 766
Mean x 79.08
Mean y 84.02
RMS x 57.92
RMS y 59.61
side N [adc counts]
side P [adc counts]

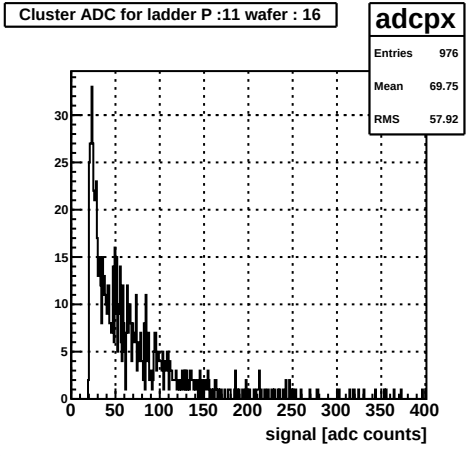

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 2703
Mean 39.59
RMS 38.51
signal [adc counts]

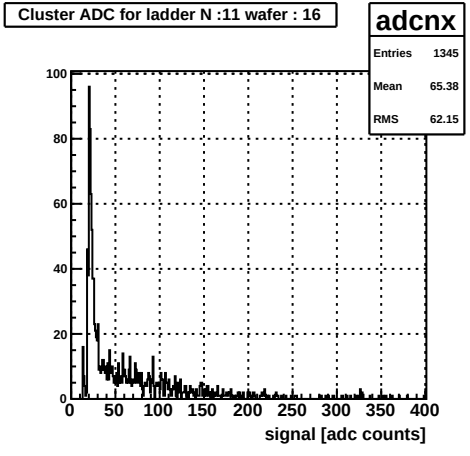

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1338
Mean 67.45
RMS 58.09
signal [adc counts]

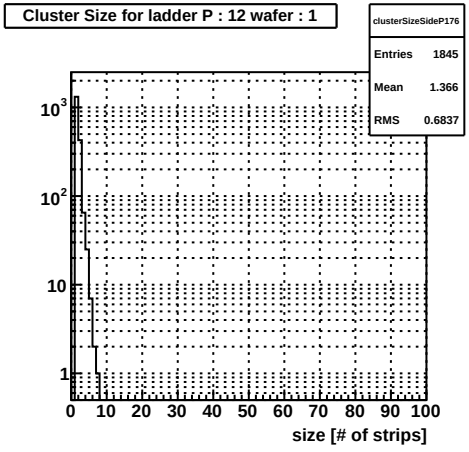

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 976
Mean 1.303
RMS 0.6307
size [# of strips]

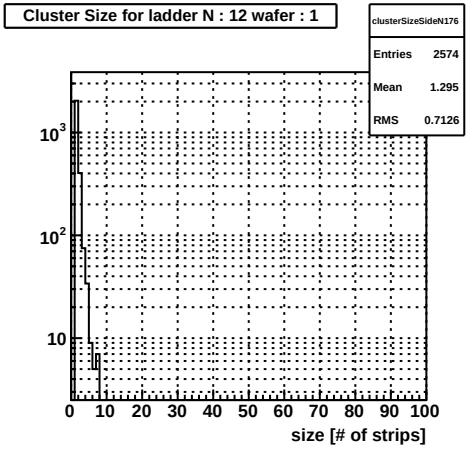

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1345
Mean 1.407
RMS 0.7186
size [# of strips]

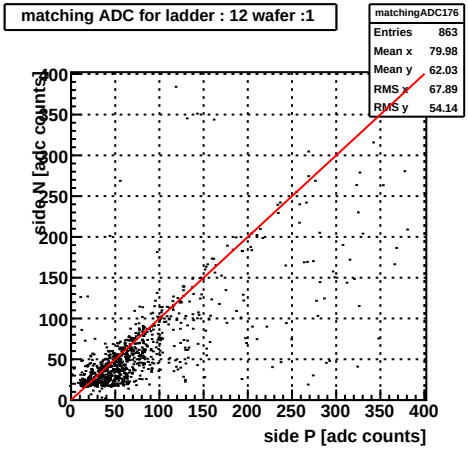

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 669
Mean x 87.42
Mean y 92.28
RMS x 57.96
RMS y 63.53
side N [adc counts]
side P [adc counts]

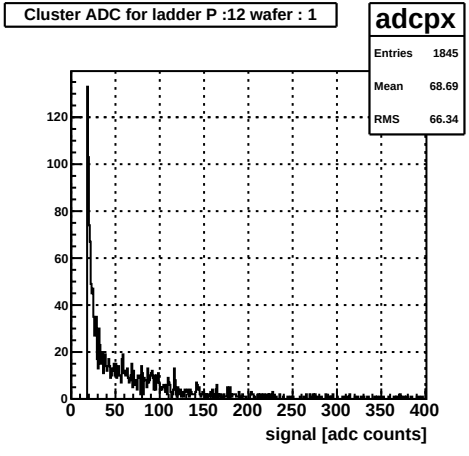

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 976
Mean 69.75
RMS 57.92
signal [adc counts]

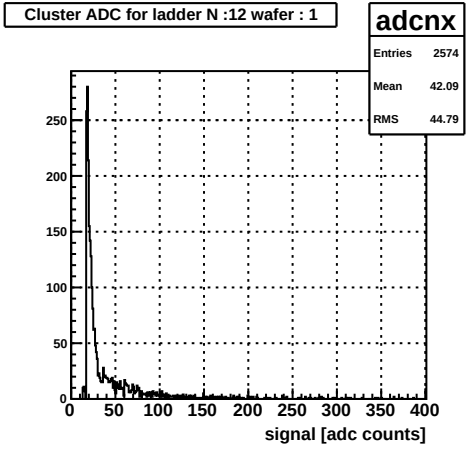

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1345
Mean 65.38
RMS 62.15
signal [adc counts]

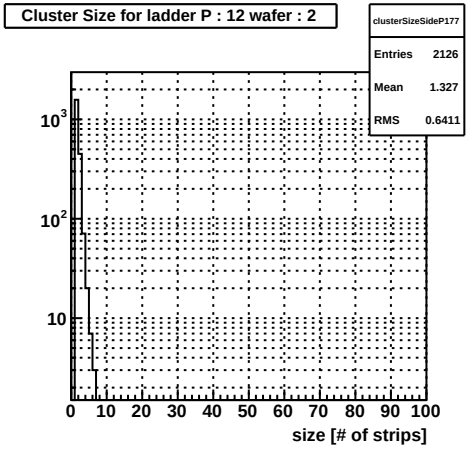

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1845
Mean 1.366
RMS 0.6837
size [# of strips]

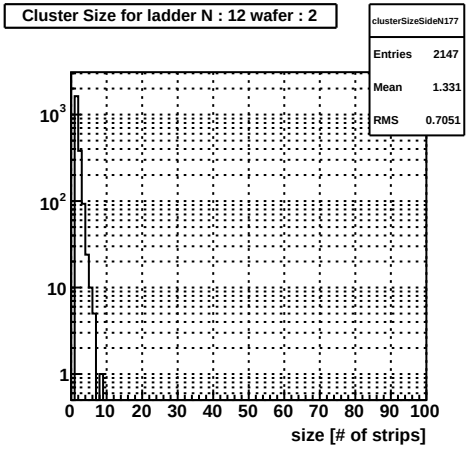

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 2574
Mean 1.295
RMS 0.7126
size [# of strips]

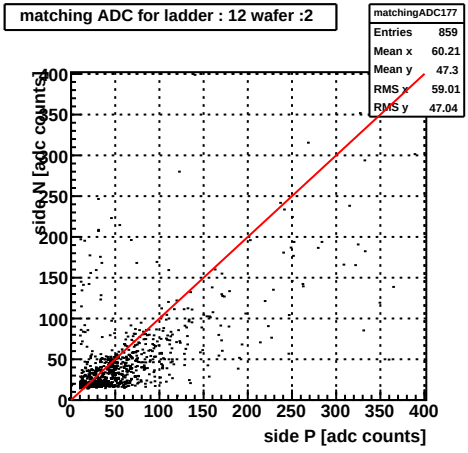

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 863
Mean x 79.98
Mean y 62.03
RMS x 67.89
RMS y 54.14
side N [adc counts]
side P [adc counts]

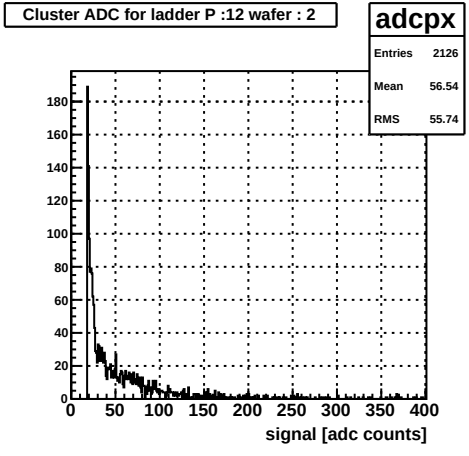

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1845
Mean 68.69
RMS 66.34
signal [adc counts]

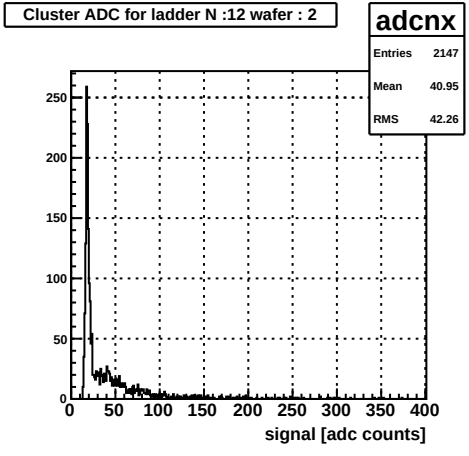

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 2574
Mean 42.09
RMS 44.79
signal [adc counts]

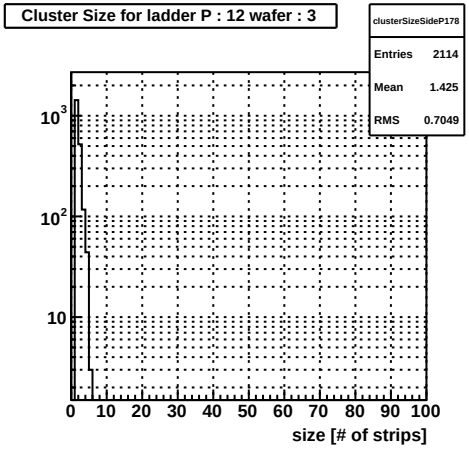

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 2126
Mean 1.327
RMS 0.6411
size [# of strips]

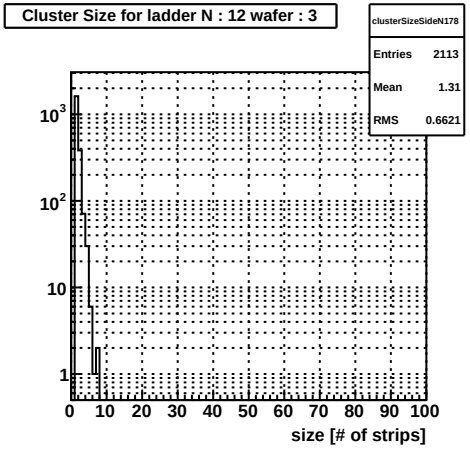

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 2147
Mean 1.331
RMS 0.7051
size [# of strips]

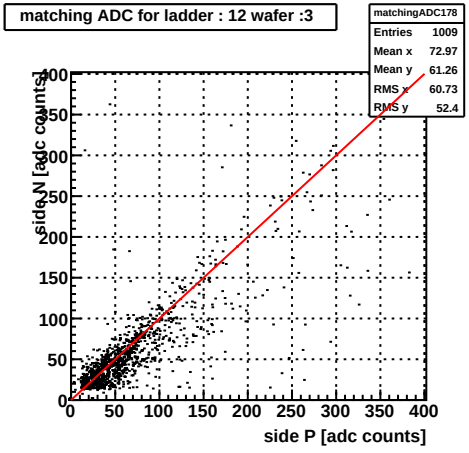

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 859
Mean x 60.21
Mean y 47.3
RMS x 59.01
RMS y 47.04
side N [adc counts]
side P [adc counts]

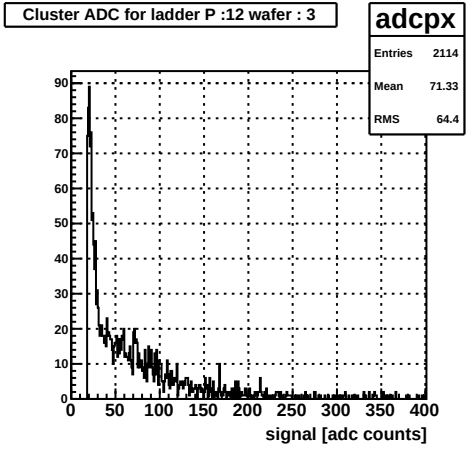

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 2126
Mean 56.54
RMS 55.74
signal [adc counts]

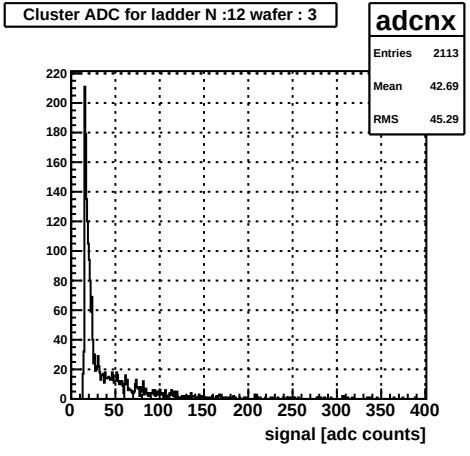

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 2147
Mean 40.95
RMS 42.26
signal [adc counts]

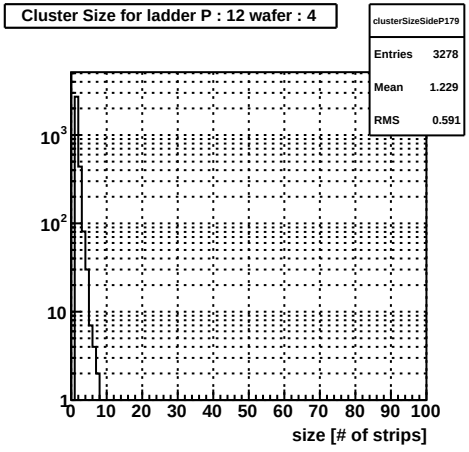

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2114
Mean 1.425
RMS 0.7049
size [# of strips]

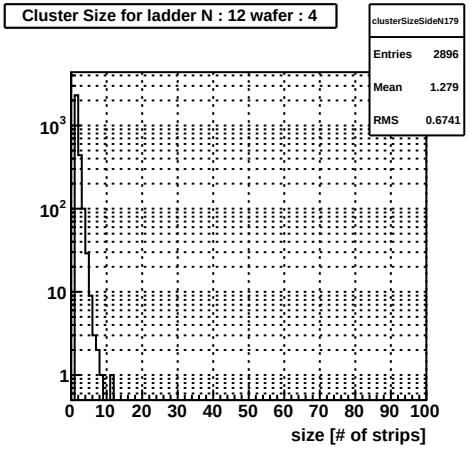

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 2113
Mean 1.31
RMS 0.6621
size [# of strips]

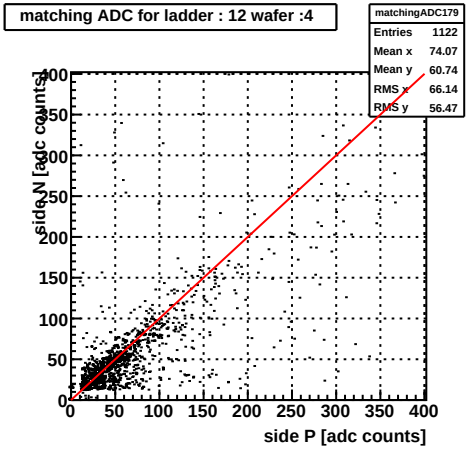

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1009
Mean x 72.97
Mean y 61.26
RMS x 60.73
RMS y 52.4
side N [adc counts]
side P [adc counts]

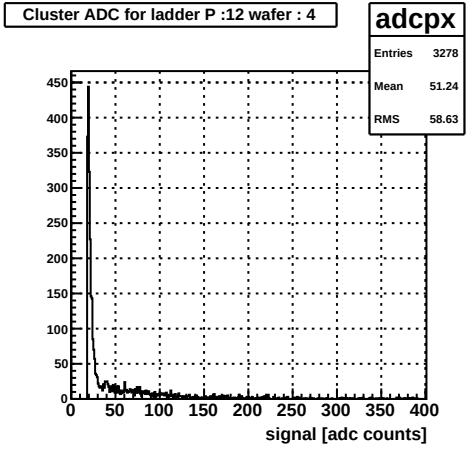

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2114
Mean 71.33
RMS 64.4
signal [adc counts]

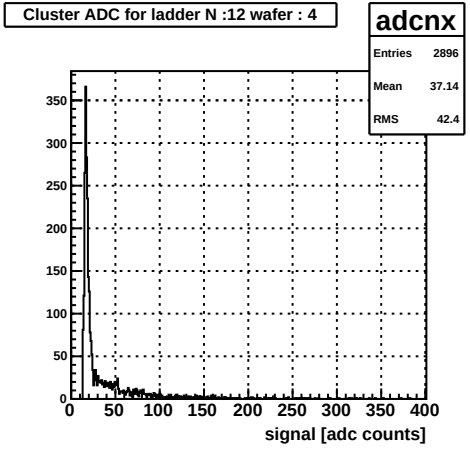

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 2113
Mean 42.69
RMS 45.29
signal [adc counts]

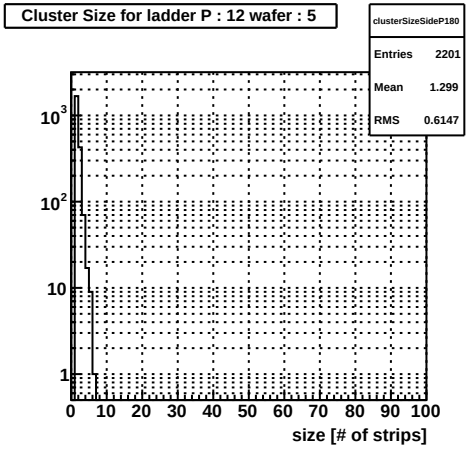

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 3278
Mean 1.229
RMS 0.591
size [# of strips]

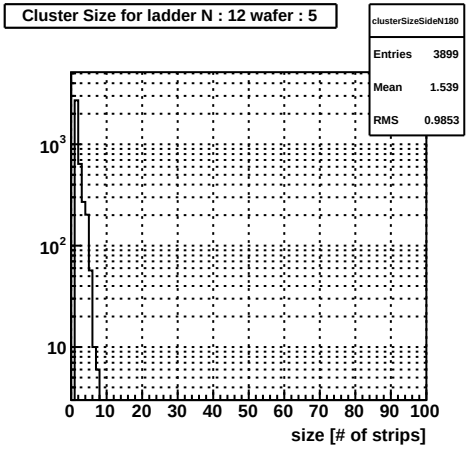

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 2896
Mean 1.279
RMS 0.6741
size [# of strips]

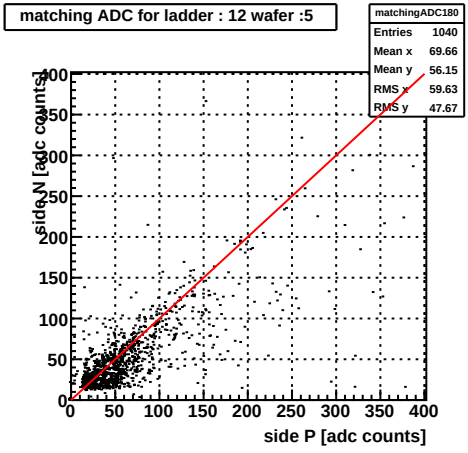

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1122
Mean x 74.07
Mean y 60.74
RMS x 66.14
RMS y 56.47
side N [adc counts]
side P [adc counts]

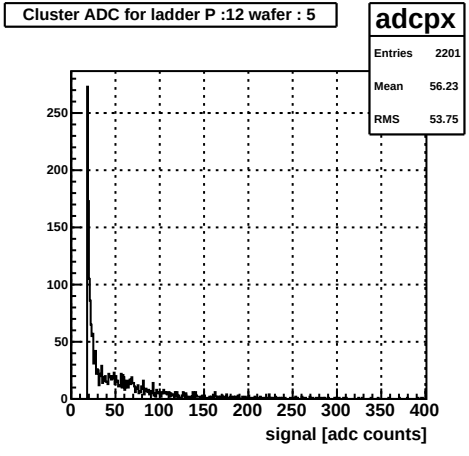

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 3278
Mean 51.24
RMS 58.63
signal [adc counts]

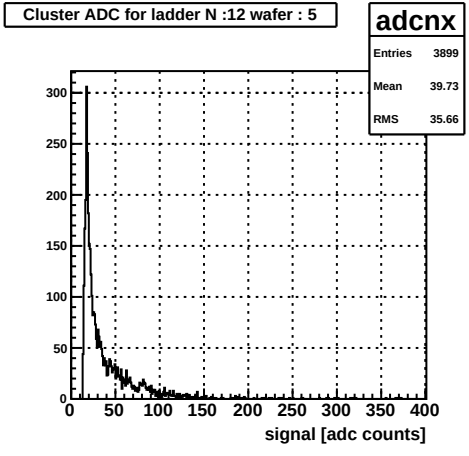

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 2896
Mean 37.14
RMS 42.4
signal [adc counts]

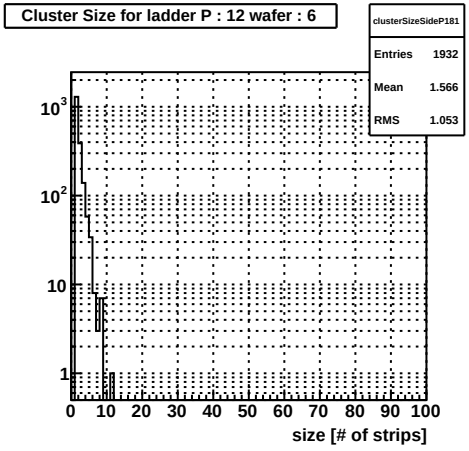

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 2201
Mean 1.299
RMS 0.6147
size [# of strips]

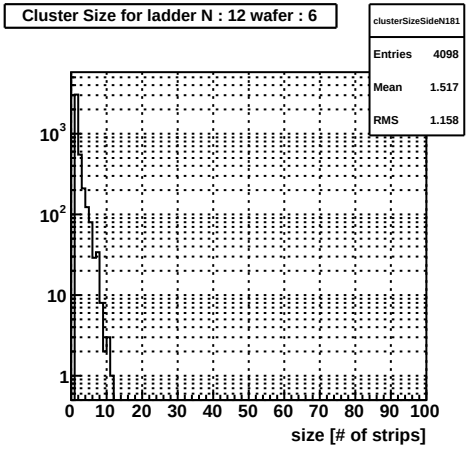

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 3899
Mean 1.539
RMS 0.9853
size [# of strips]

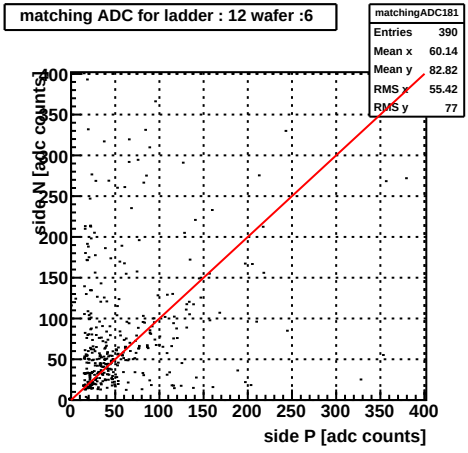

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 1040
Mean x 69.66
Mean y 56.15
RMS x 59.63
RMS y 47.67
side N [adc counts]
side P [adc counts]

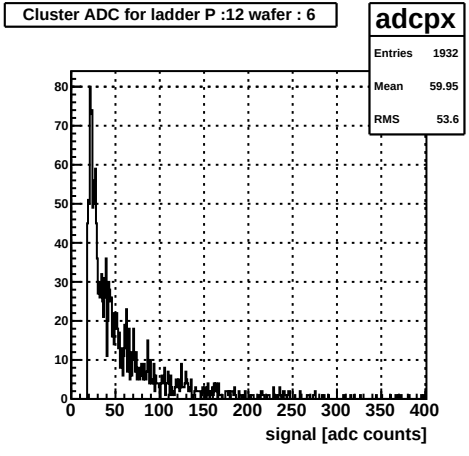

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 2201
Mean 56.23
RMS 53.75
signal [adc counts]

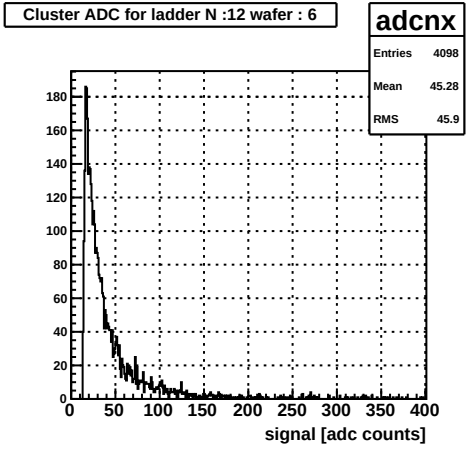

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 3899
Mean 39.73
RMS 35.66
signal [adc counts]

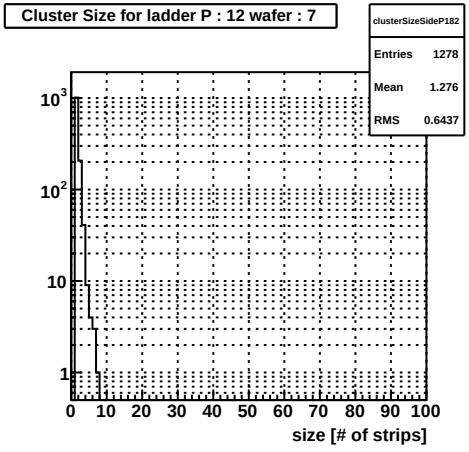

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 1932
Mean 1.566
RMS 1.053
size [# of strips]

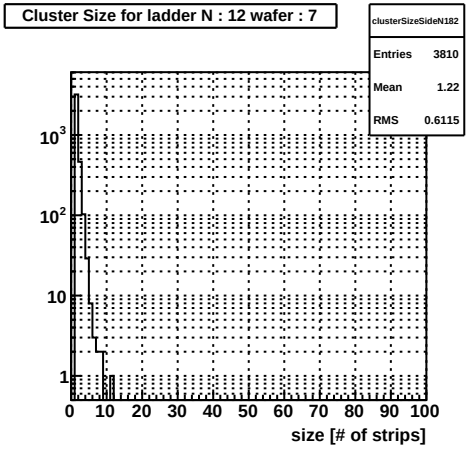

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 4098
Mean 1.517
RMS 1.158
size [# of strips]

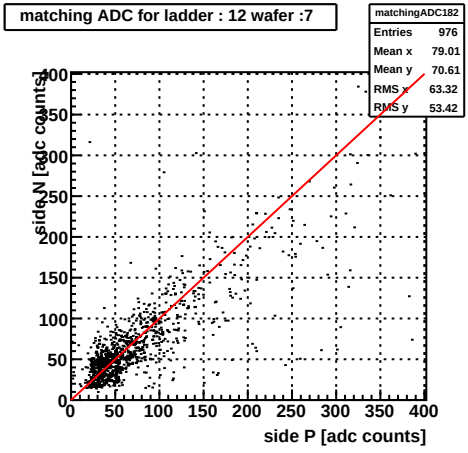

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 390
Mean x 60.14
Mean y 82.82
RMS x 55.42
RMS y 77
side N [adc counts]
side P [adc counts]

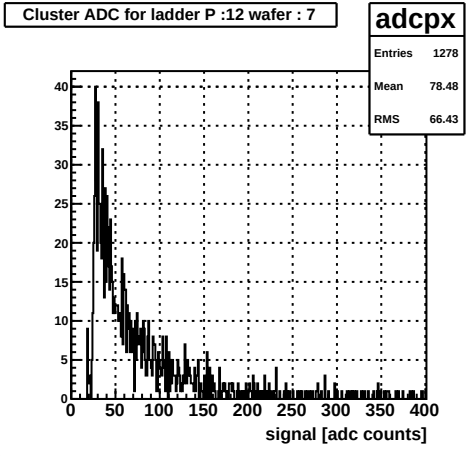

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 1932
Mean 59.95
RMS 53.6
signal [adc counts]

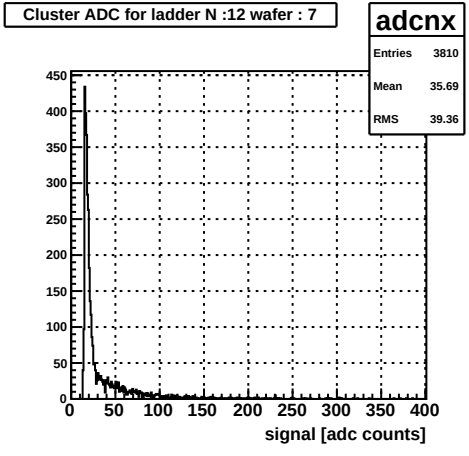

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 4098
Mean 45.28
RMS 45.9
signal [adc counts]

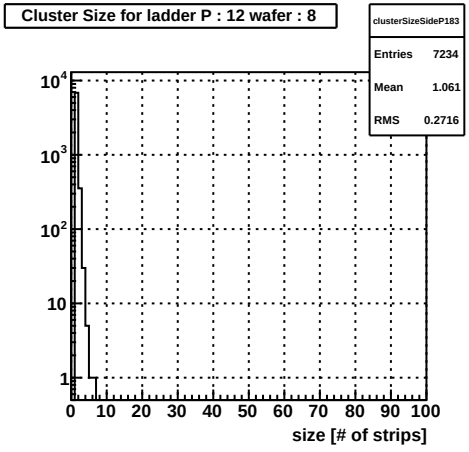

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1278
Mean 1.276
RMS 0.6437
size [# of strips]

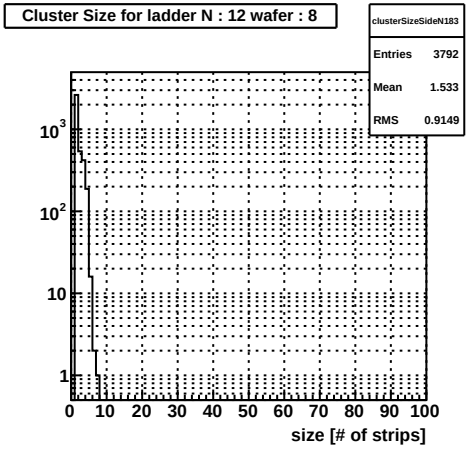

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 3810
Mean 1.22
RMS 0.6115
size [# of strips]

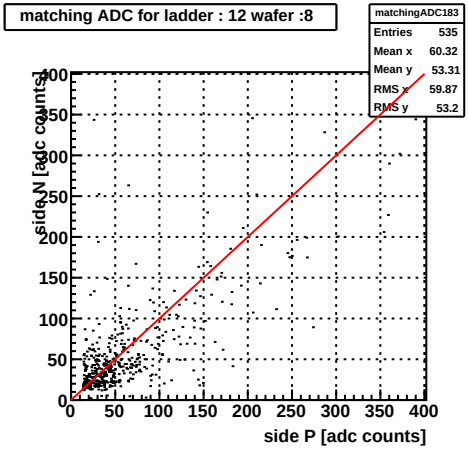

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 976
Mean x 79.01
Mean y 70.61
RMS x 63.32
RMS y 53.42
side N [adc counts]
side P [adc counts]

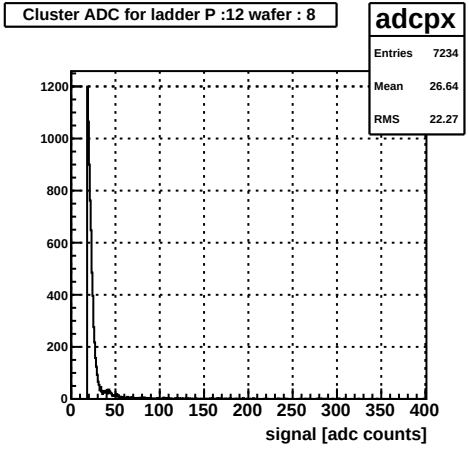

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1278
Mean 78.48
RMS 66.43
signal [adc counts]

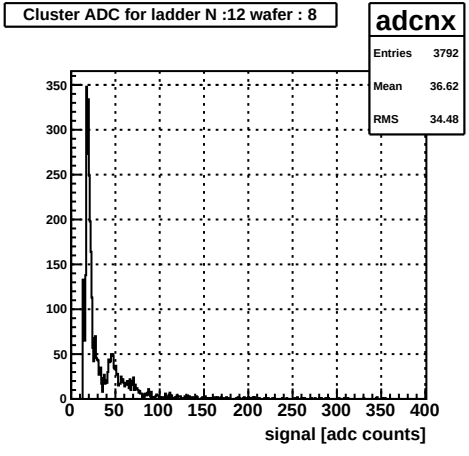

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 3810
Mean 35.69
RMS 39.36
signal [adc counts]

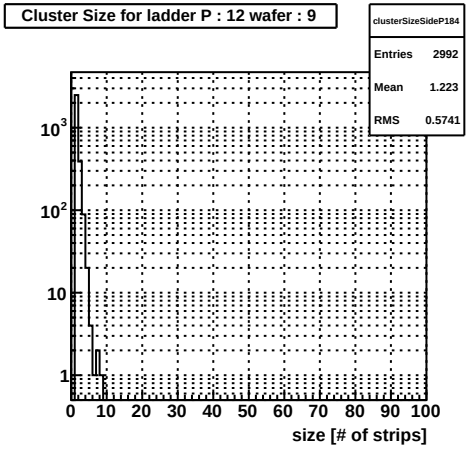

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 7234
Mean 1.061
RMS 0.2716
size [# of strips]

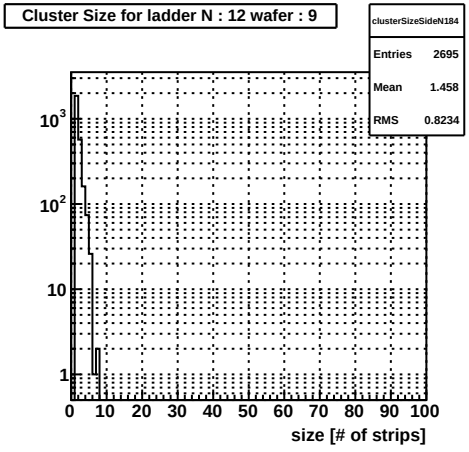

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 3792
Mean 1.533
RMS 0.9149
size [# of strips]

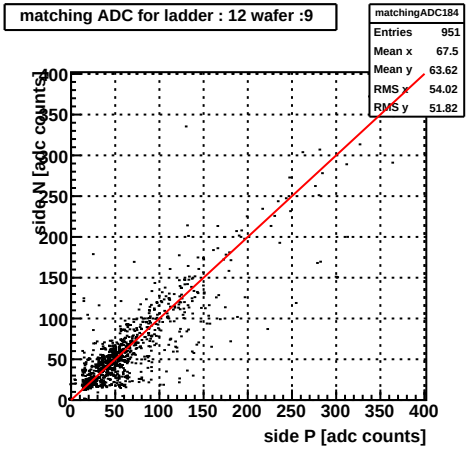

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 535
Mean x 60.32
Mean y 53.31
RMS x 59.87
RMS y 53.2
side N [adc counts]
side P [adc counts]

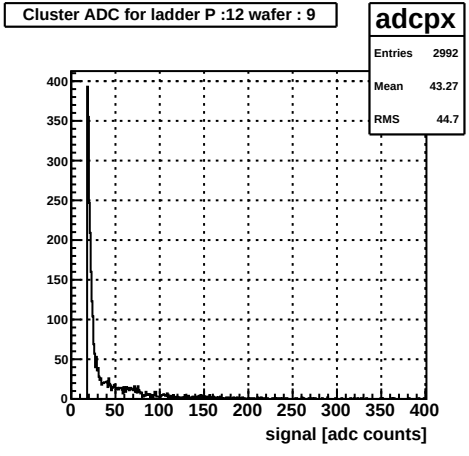

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 7234
Mean 26.64
RMS 22.27
signal [adc counts]

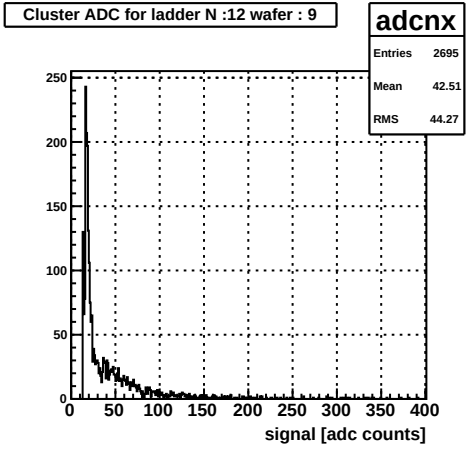

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 3792
Mean 36.62
RMS 34.48
signal [adc counts]

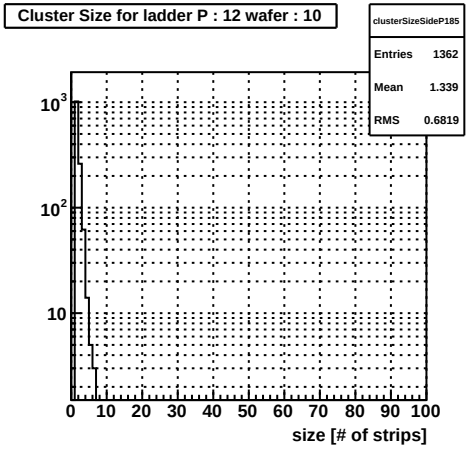

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 2992
Mean 1.223
RMS 0.5741
size [# of strips]

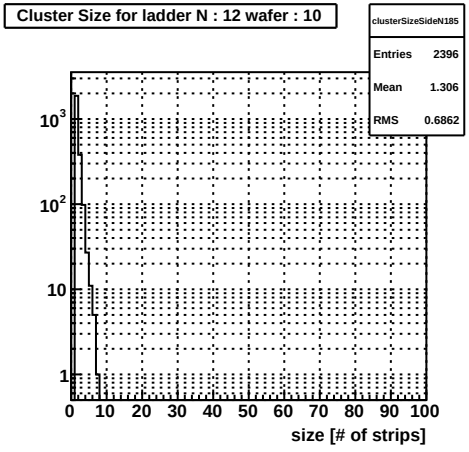

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 2695
Mean 1.458
RMS 0.8234
size [# of strips]

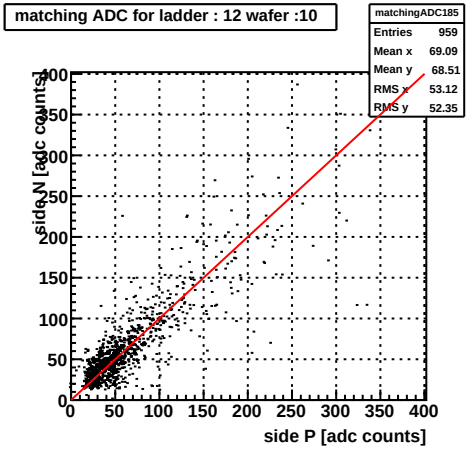

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 951
Mean x 67.5
Mean y 63.62
RMS x 54.02
RMS y 51.82
side N [adc counts]
side P [adc counts]

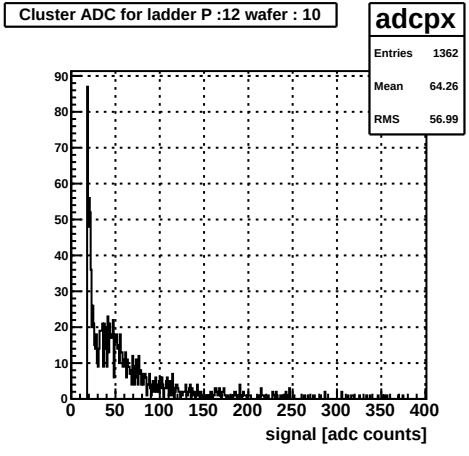

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 2992
Mean 43.27
RMS 44.7
signal [adc counts]

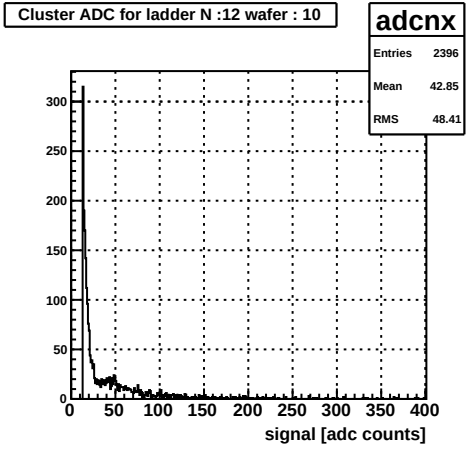

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 2695
Mean 42.51
RMS 44.27
signal [adc counts]

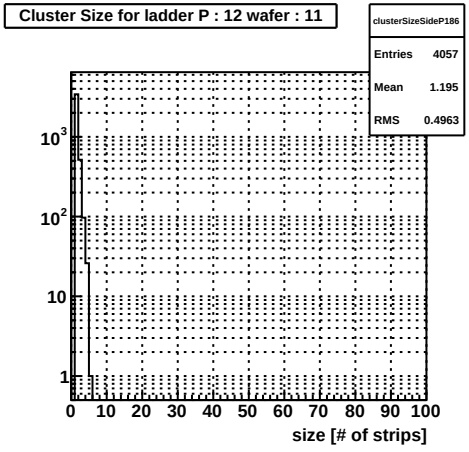

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 1362
Mean 1.339
RMS 0.6819
size [# of strips]

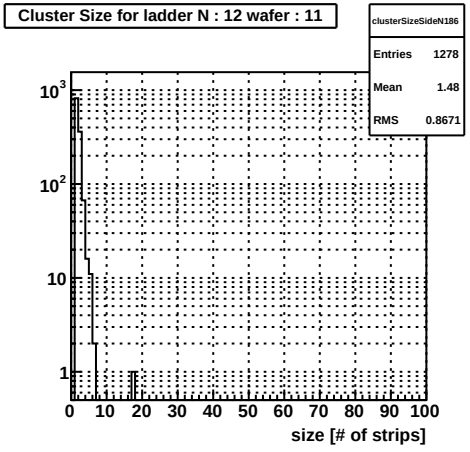

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 2396
Mean 1.306
RMS 0.6862
size [# of strips]

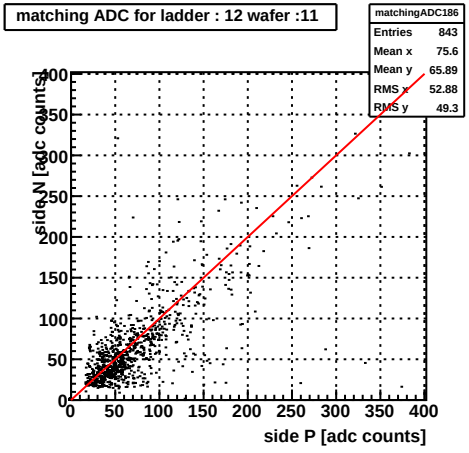

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 959
Mean x 69.09
Mean y 68.51
RMS x 53.12
RMS y 52.35
side N [adc counts]
side P [adc counts]

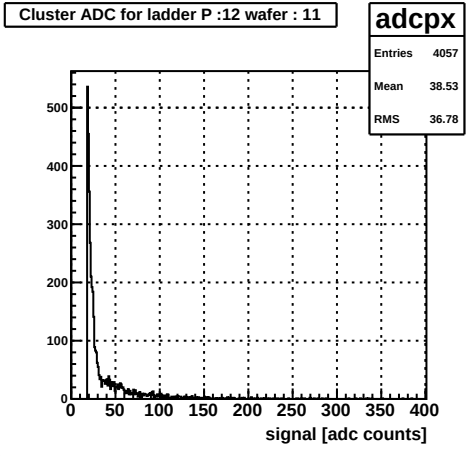

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 1362
Mean 64.26
RMS 56.99
signal [adc counts]

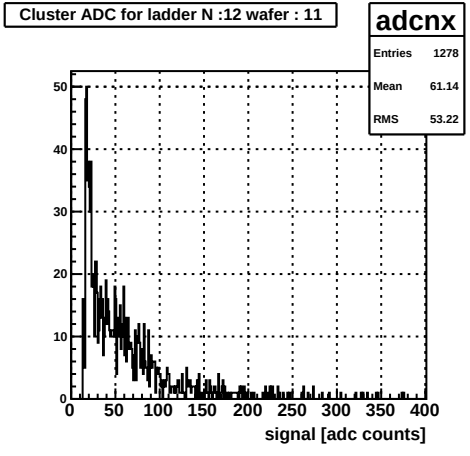

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 2396
Mean 42.85
RMS 48.41
signal [adc counts]

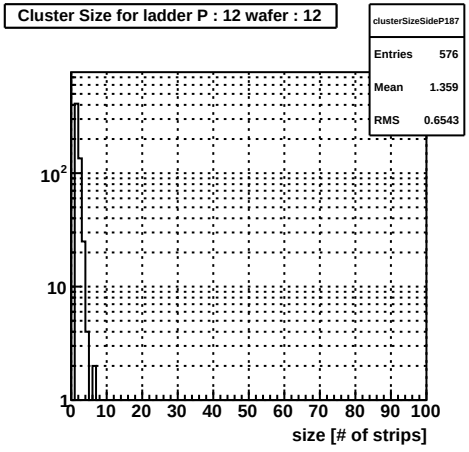

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 4057
Mean 1.195
RMS 0.4963
size [# of strips]

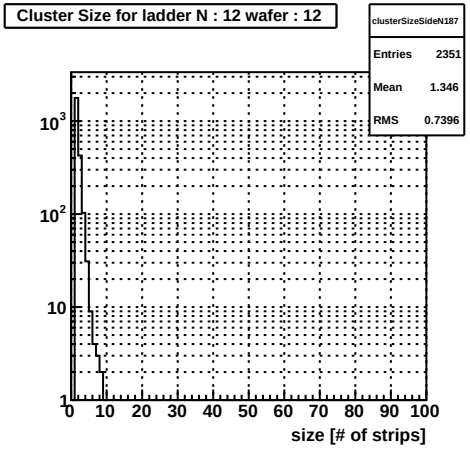

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1278
Mean 1.48
RMS 0.8671
size [# of strips]

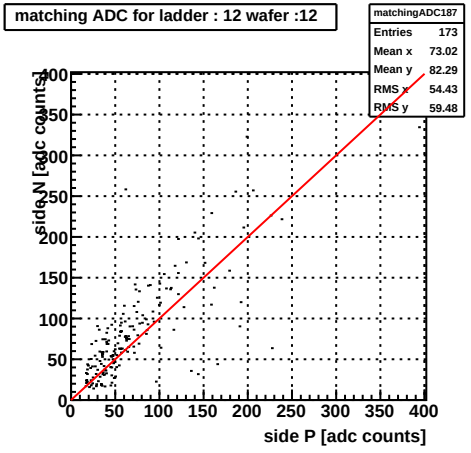

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 843
Mean x 75.6
Mean y 65.89
RMS x 52.88
RMS y 49.3
side N [adc counts]
side P [adc counts]

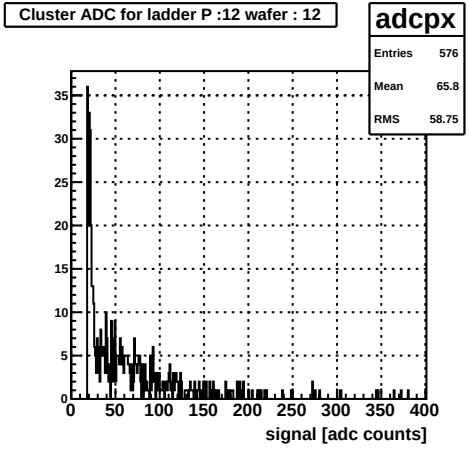

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 4057
Mean 38.53
RMS 36.78
signal [adc counts]

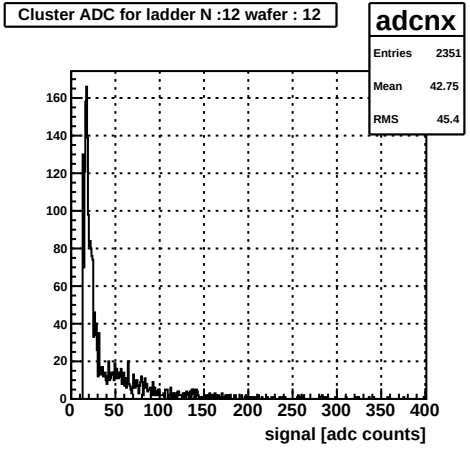

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1278
Mean 61.14
RMS 53.22
signal [adc counts]

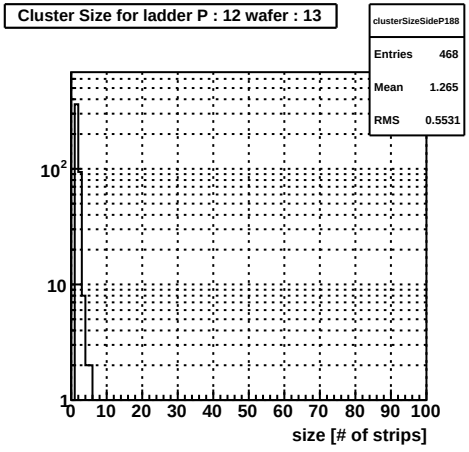

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 576
Mean 1.359
RMS 0.6543
size [# of strips]

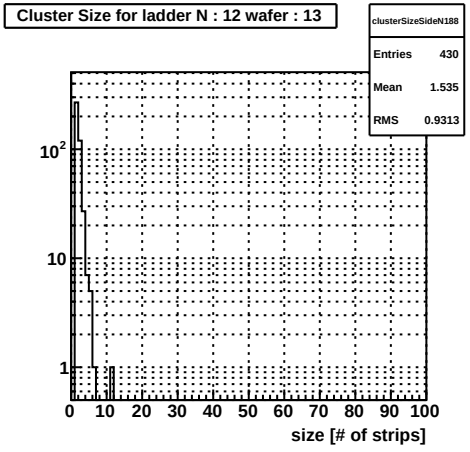

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 2351
Mean 1.346
RMS 0.7396
size [# of strips]

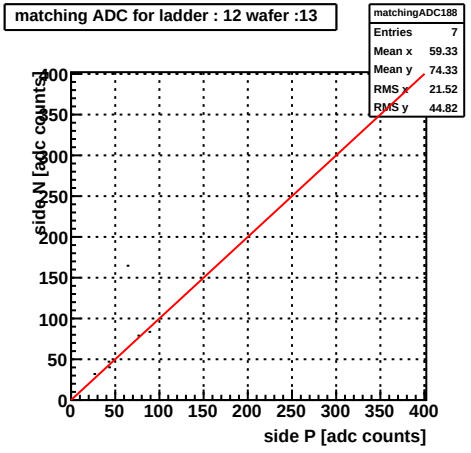

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 173
Mean x 73.02
Mean y 82.29
RMS x 54.43
RMS y 59.48
side N [adc counts]
side P [adc counts]

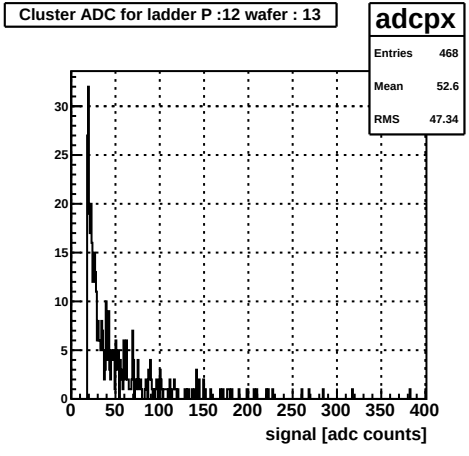

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 576
Mean 65.8
RMS 58.75
signal [adc counts]

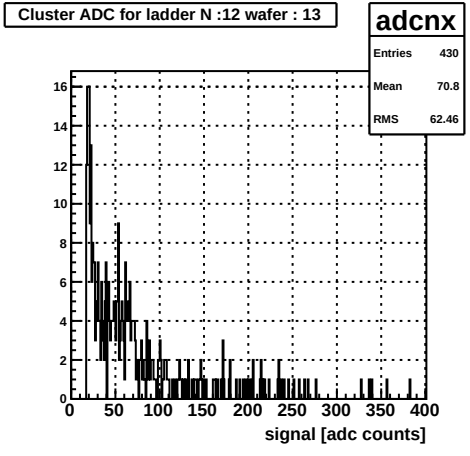

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 2351
Mean 42.75
RMS 45.4
signal [adc counts]

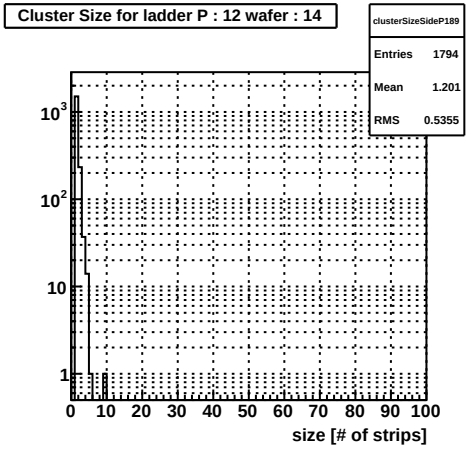

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 468
Mean 1.265
RMS 0.5531
size [# of strips]

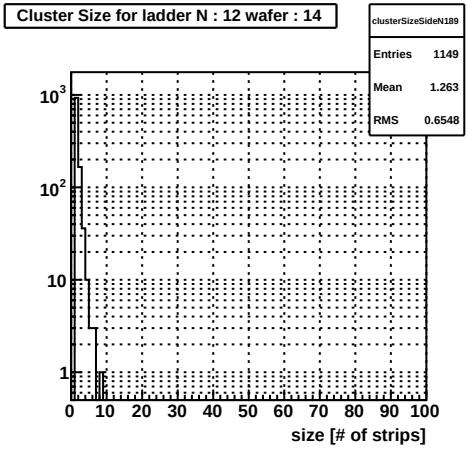

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 430
Mean 1.535
RMS 0.9313
size [# of strips]

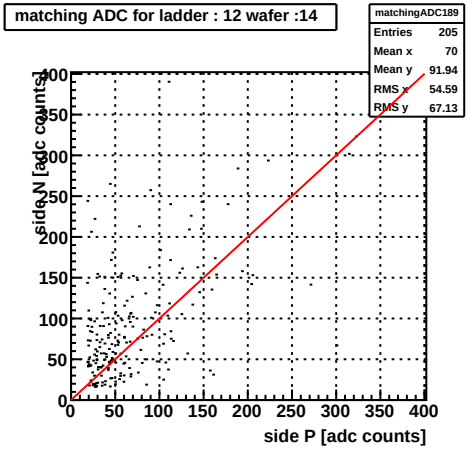

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 7
Mean x 59.33
Mean y 74.33
RMS x 21.52
RMS y 44.82
side N [adc counts]
side P [adc counts]

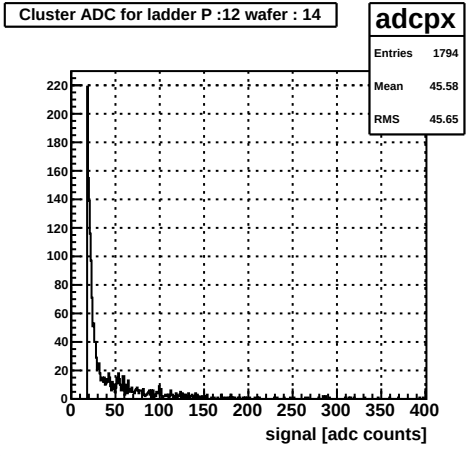

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 468
Mean 52.6
RMS 47.34
signal [adc counts]

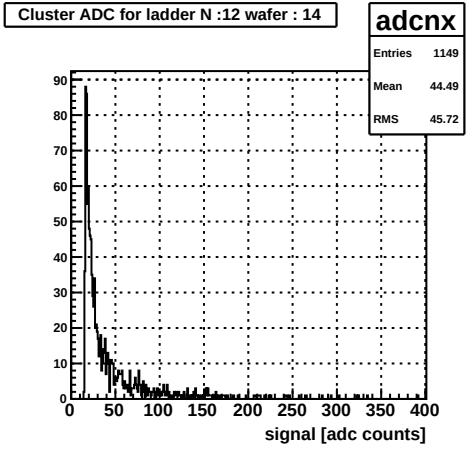

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 430
Mean 70.8
RMS 62.46
signal [adc counts]

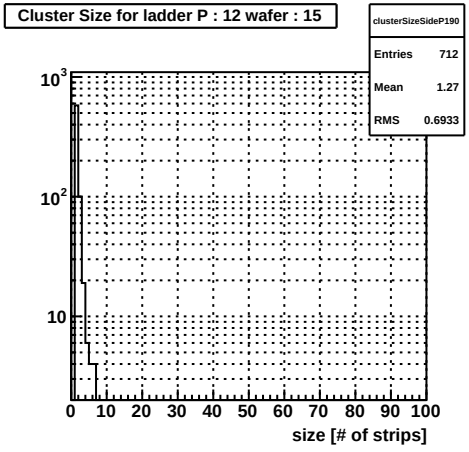

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 1794
Mean 1.201
RMS 0.5355
size [# of strips]

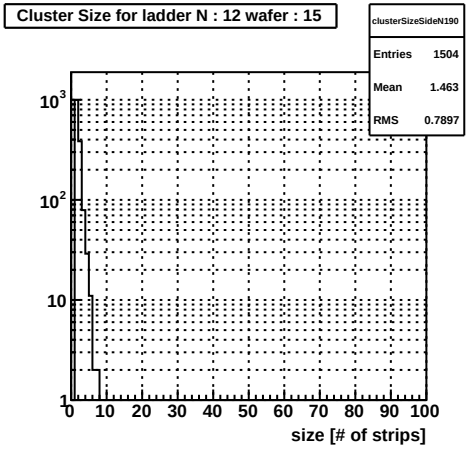

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 1149
Mean 1.263
RMS 0.6548
size [# of strips]

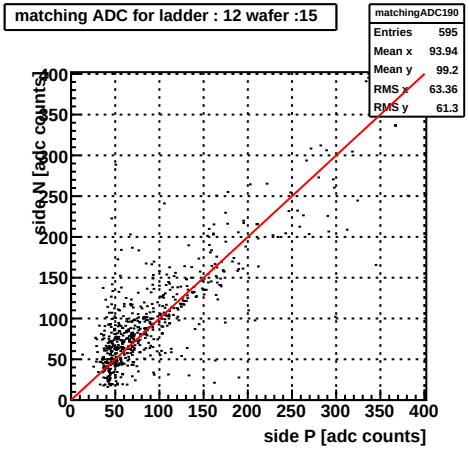

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 205
Mean x 70
Mean y 91.94
RMS x 54.59
RMS y 67.13
side N [adc counts]
side P [adc counts]

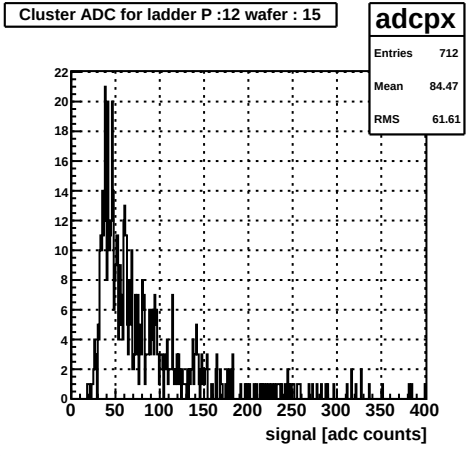

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 1794
Mean 45.58
RMS 45.65
signal [adc counts]

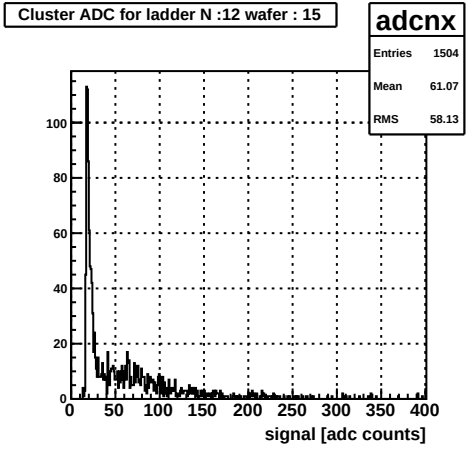

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 1149
Mean 44.49
RMS 45.72
signal [adc counts]

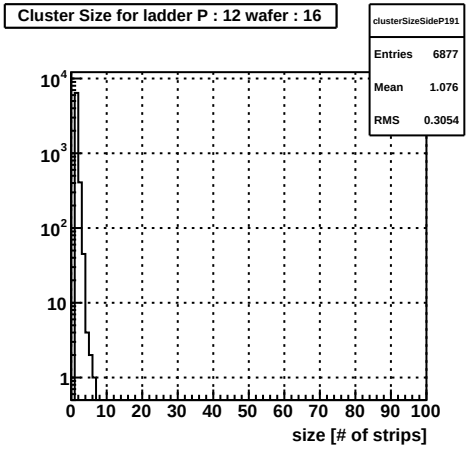

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 712
Mean 1.27
RMS 0.6933
size [# of strips]

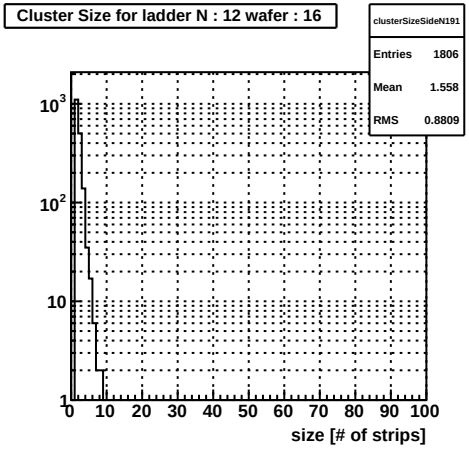

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 1504
Mean 1.463
RMS 0.7897
size [# of strips]

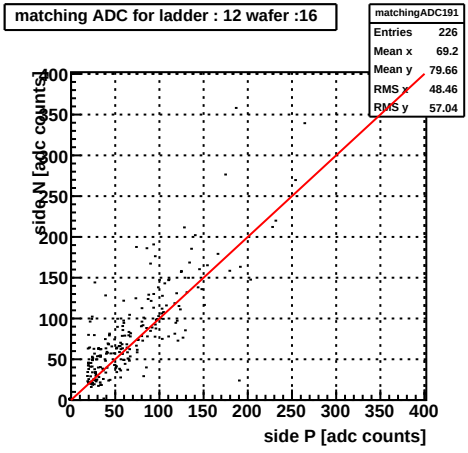

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 595
Mean x 93.94
Mean y 99.2
RMS x 63.36
RMS y 61.3
side N [adc counts]
side P [adc counts]

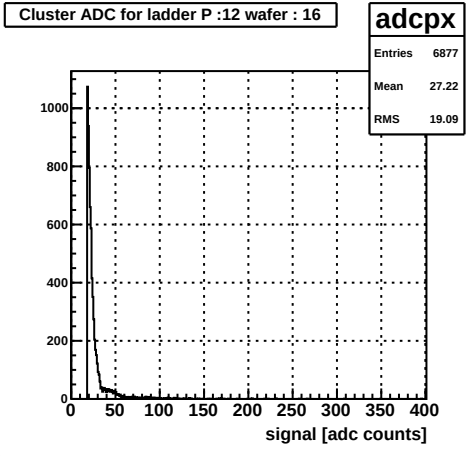

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 712
Mean 84.47
RMS 61.61
signal [adc counts]

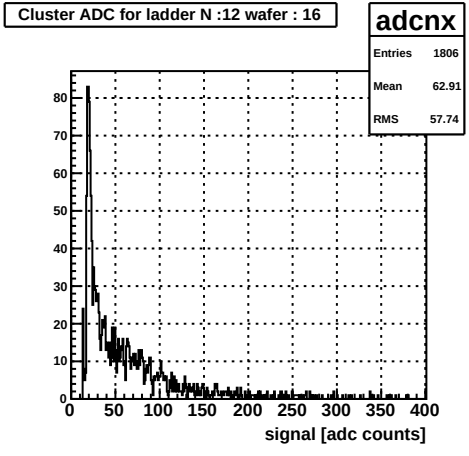

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 1504
Mean 61.07
RMS 58.13
signal [adc counts]

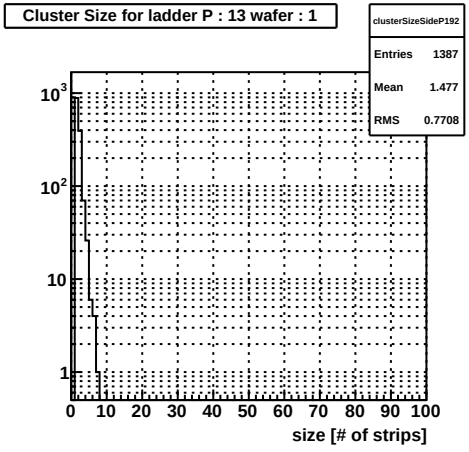

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 6877
Mean 1.076
RMS 0.3054
size [# of strips]

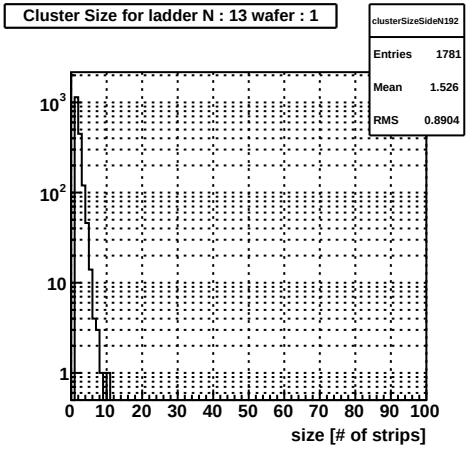

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 1806
Mean 1.558
RMS 0.8809
size [# of strips]

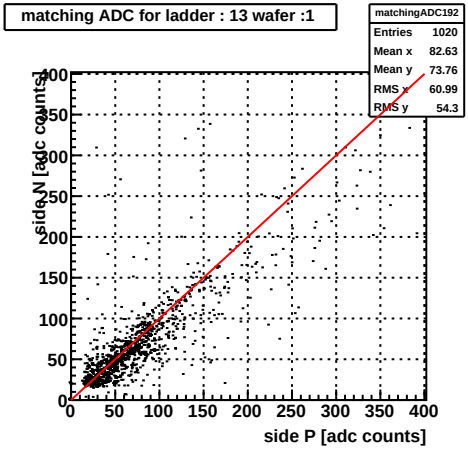

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 226
Mean x 69.2
Mean y 79.66
RMS x 48.46
RMS y 57.04
side N [adc counts]
side P [adc counts]

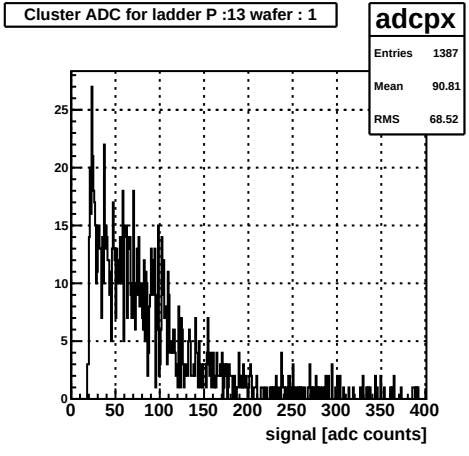

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 6877
Mean 27.22
RMS 19.09
signal [adc counts]

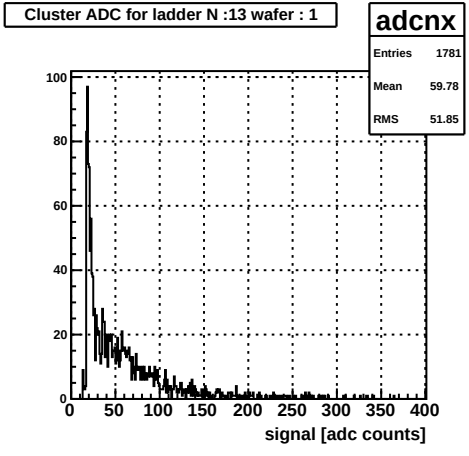

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 1806
Mean 62.91
RMS 57.74
signal [adc counts]

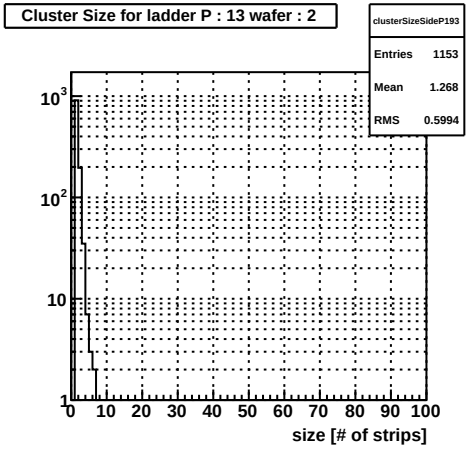

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 1387
Mean 1.477
RMS 0.7708
size [# of strips]

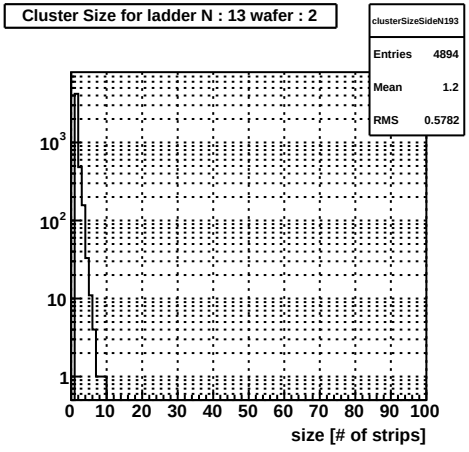

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 1781
Mean 1.526
RMS 0.8904
size [# of strips]

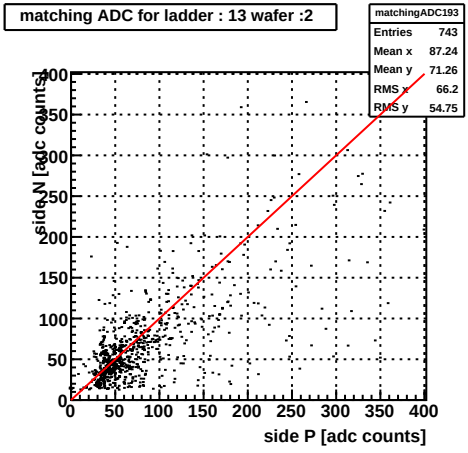

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1020
Mean x 82.63
Mean y 73.76
RMS x 60.99
RMS y 54.3
side N [adc counts]
side P [adc counts]

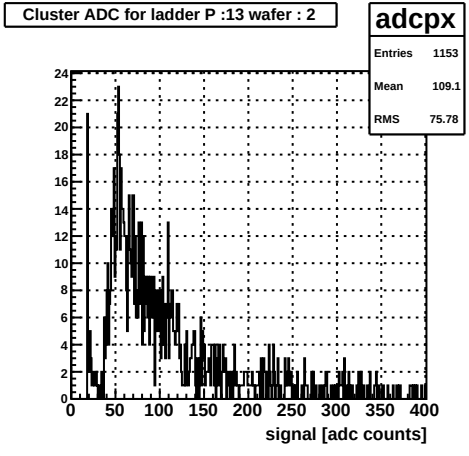

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 1387
Mean 90.81
RMS 68.52
signal [adc counts]

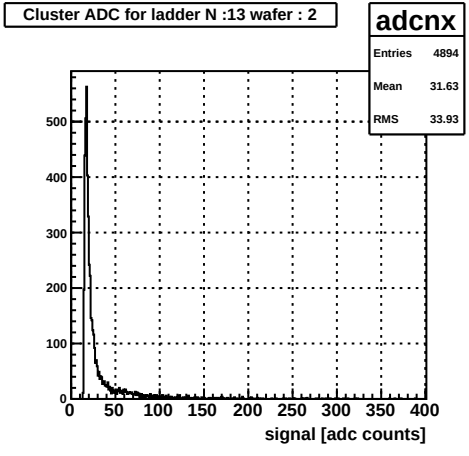

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 1781
Mean 59.78
RMS 51.85
signal [adc counts]

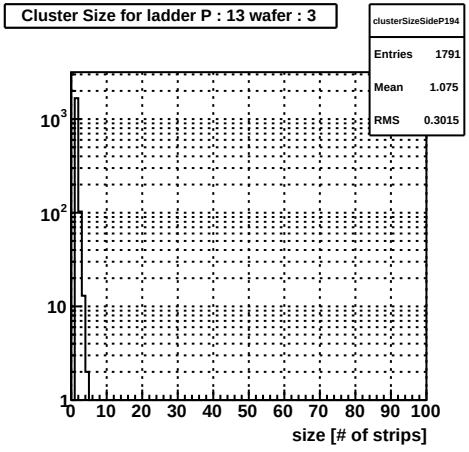

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1153
Mean 1.268
RMS 0.5994
size [# of strips]

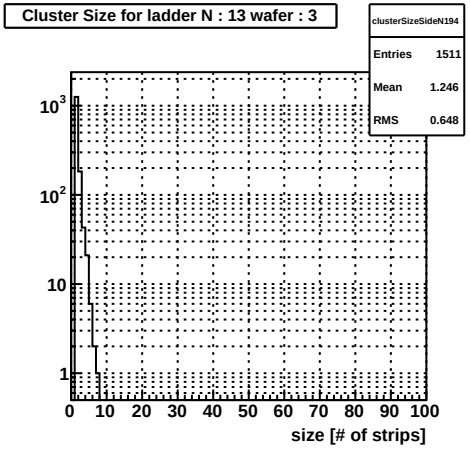

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 4894
Mean 1.2
RMS 0.5782
size [# of strips]

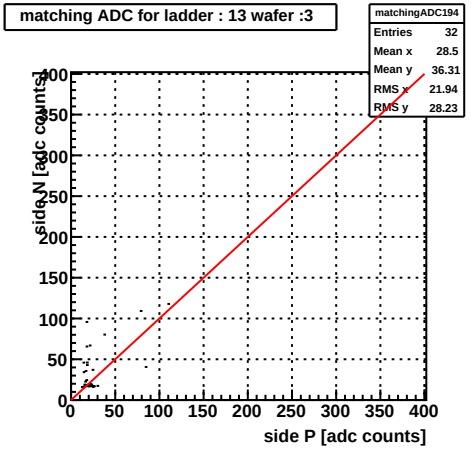

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 743
Mean x 87.24
Mean y 71.26
RMS x 66.2
RMS y 54.75
side N [adc counts]
side P [adc counts]

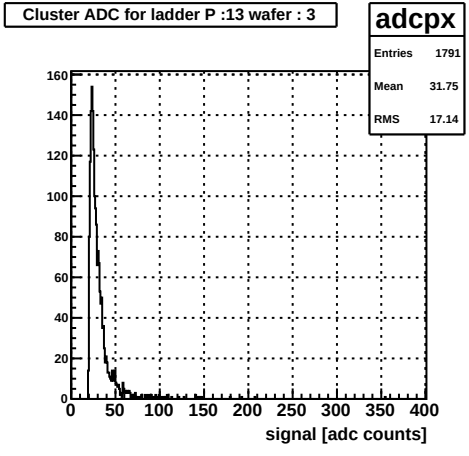

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1153
Mean 109.1
RMS 75.78
signal [adc counts]

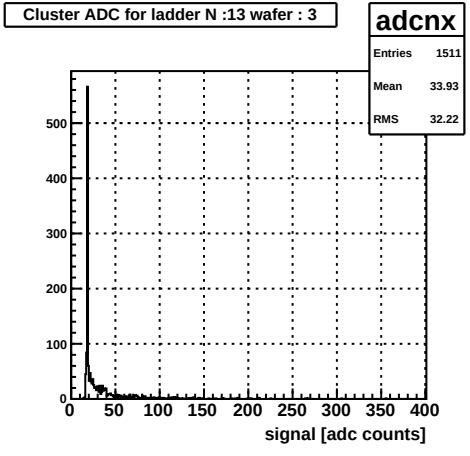

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 4894
Mean 31.63
RMS 33.93
signal [adc counts]

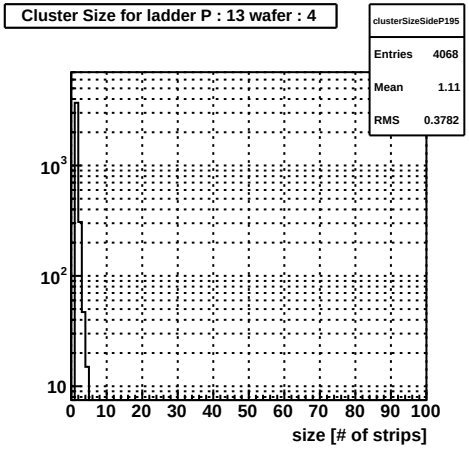

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1791
Mean 1.075
RMS 0.3015
size [# of strips]

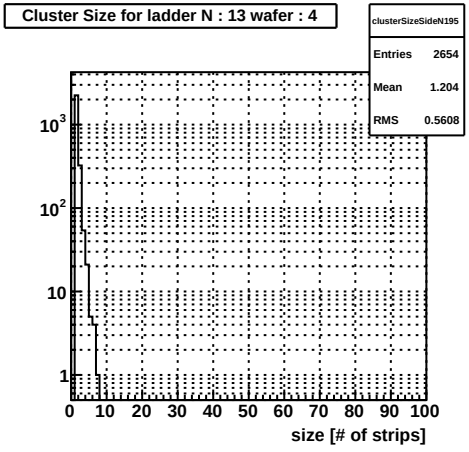

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1511
Mean 1.246
RMS 0.648
size [# of strips]

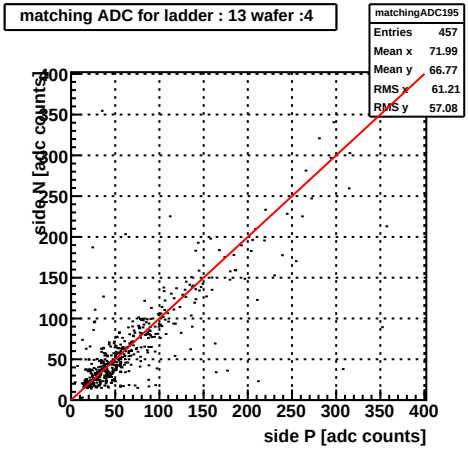

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 32
Mean x 28.5
Mean y 36.31
RMS x 21.94
RMS y 28.23
side N [adc counts]
side P [adc counts]

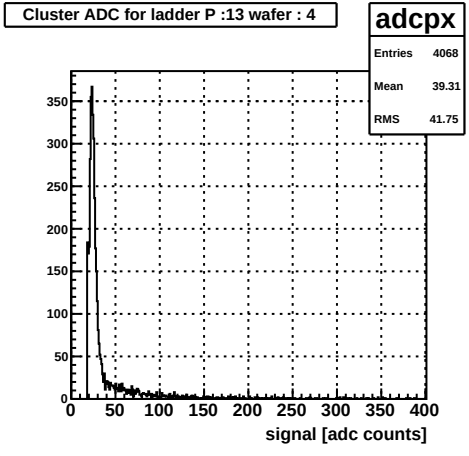

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1791
Mean 31.75
RMS 17.14
signal [adc counts]

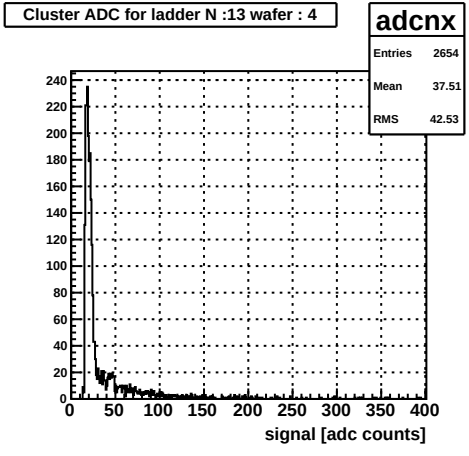

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1511
Mean 33.93
RMS 32.22
signal [adc counts]

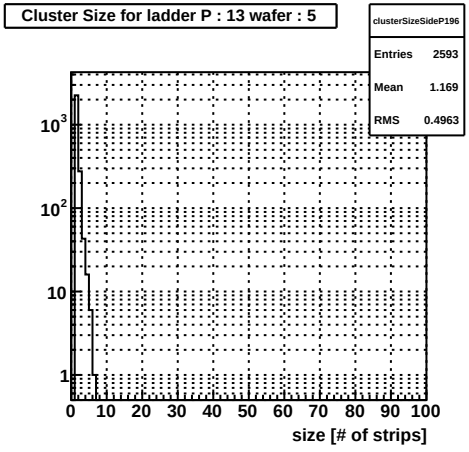

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 4068
Mean 1.11
RMS 0.3782
size [# of strips]

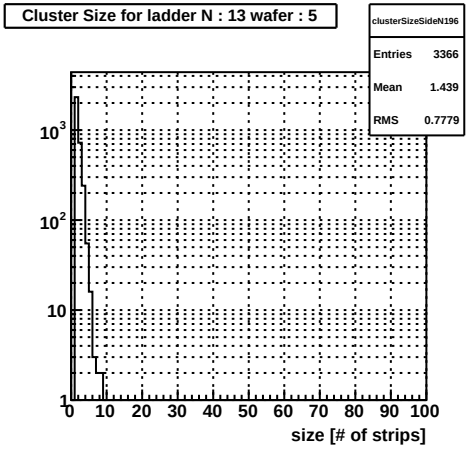

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 2654
Mean 1.204
RMS 0.5608
size [# of strips]

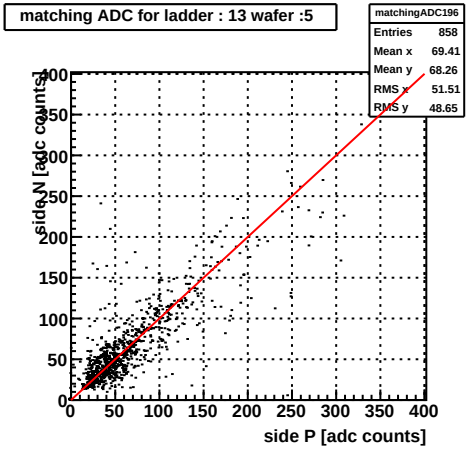

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 457
Mean x 71.99
Mean y 66.77
RMS x 61.21
RMS y 57.08
side N [adc counts]
side P [adc counts]

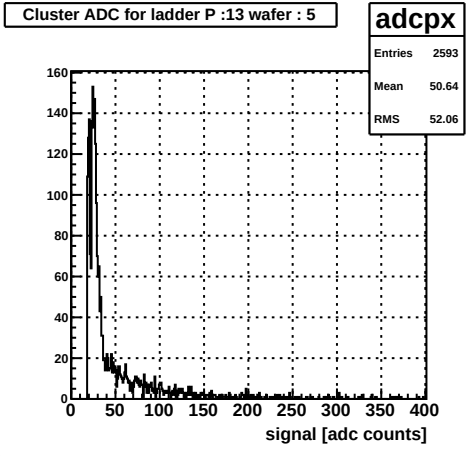

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 4068
Mean 39.31
RMS 41.75
signal [adc counts]

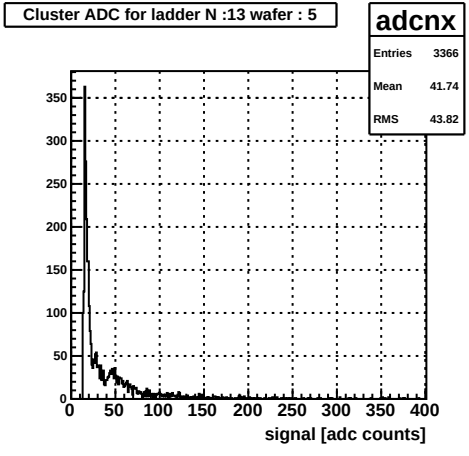

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 2654
Mean 37.51
RMS 42.53
signal [adc counts]

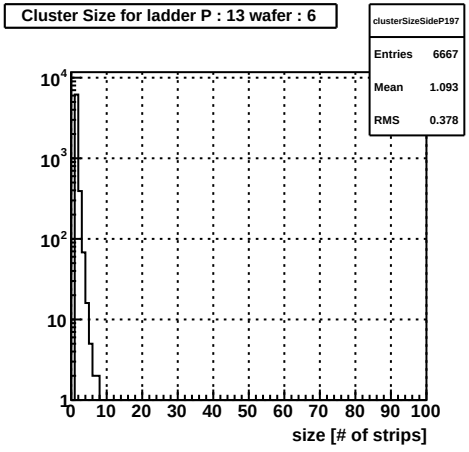

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 2593
Mean 1.169
RMS 0.4963
size [# of strips]

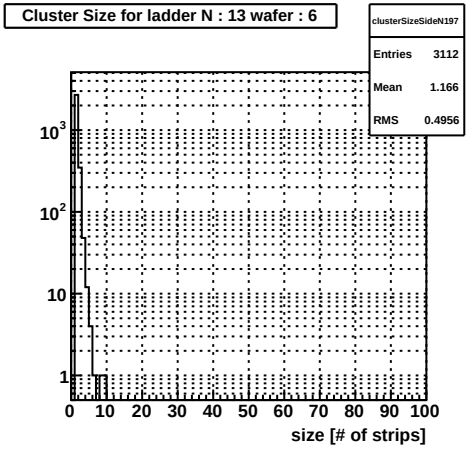

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 3366
Mean 1.439
RMS 0.7779
size [# of strips]

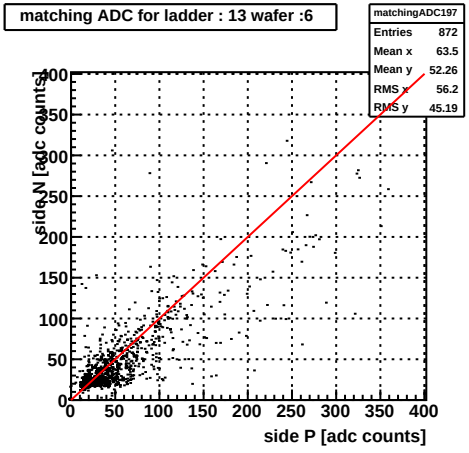

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 858
Mean x 69.41
Mean y 68.26
RMS x 51.51
RMS y 48.65
side N [adc counts]
side P [adc counts]

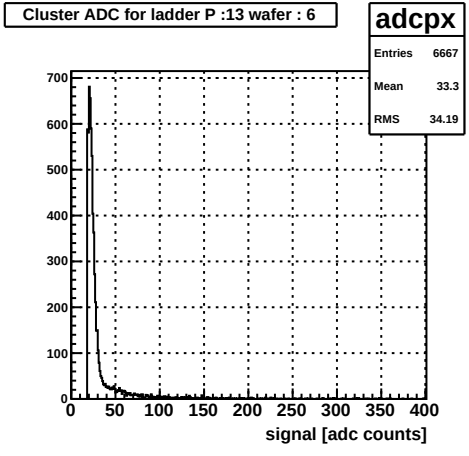

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 2593
Mean 50.64
RMS 52.06
signal [adc counts]

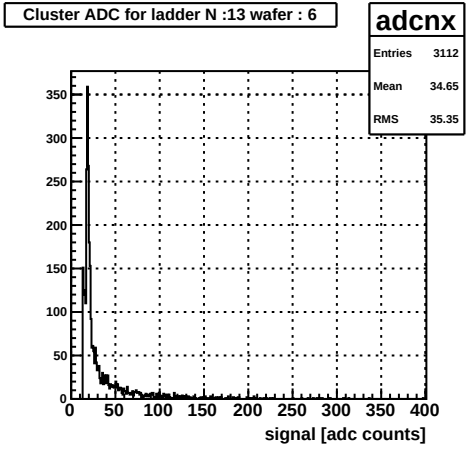

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 3366
Mean 41.74
RMS 43.82
signal [adc counts]

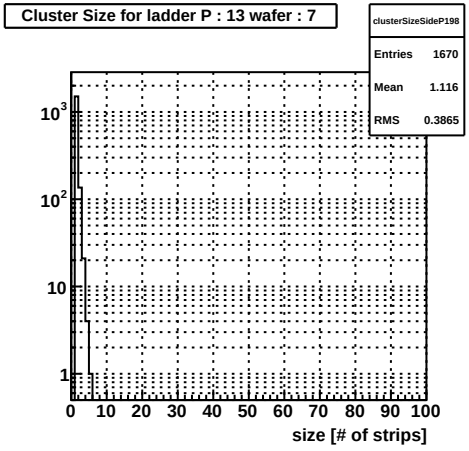

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 6667
Mean 1.093
RMS 0.378
size [# of strips]

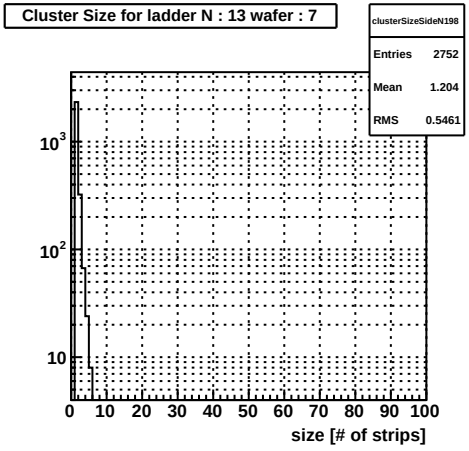

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 3112
Mean 1.166
RMS 0.4956
size [# of strips]

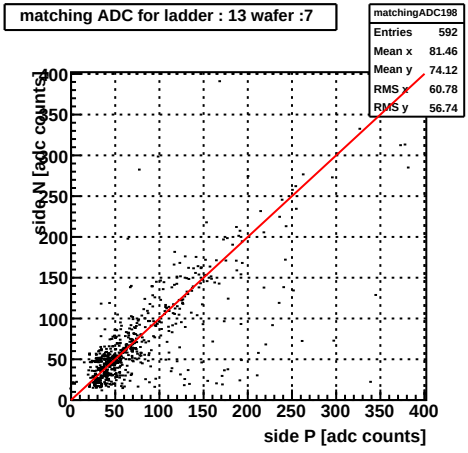

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 872
Mean x 63.5
Mean y 52.26
RMS x 56.2
RMS y 45.19
side N [adc counts]
side P [adc counts]

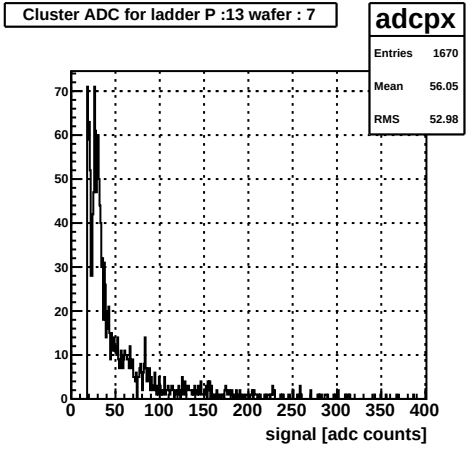

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 6667
Mean 33.3
RMS 34.19
signal [adc counts]

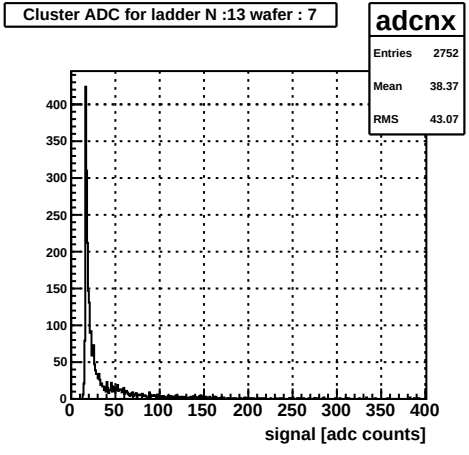

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 3112
Mean 34.65
RMS 35.35
signal [adc counts]

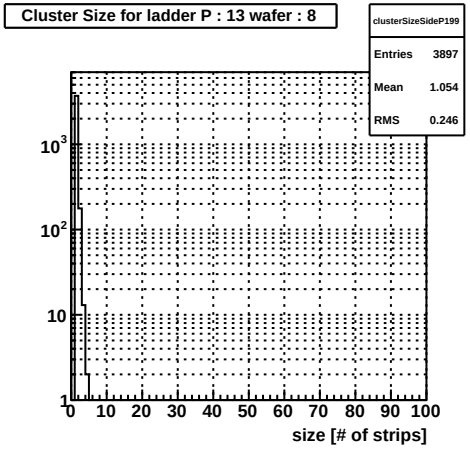

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1670
Mean 1.116
RMS 0.3865
size [# of strips]

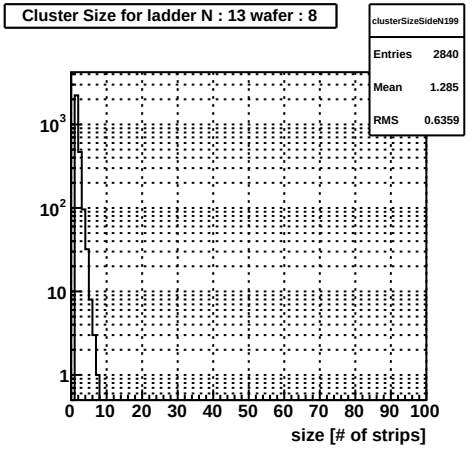

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 2752
Mean 1.204
RMS 0.5461
size [# of strips]

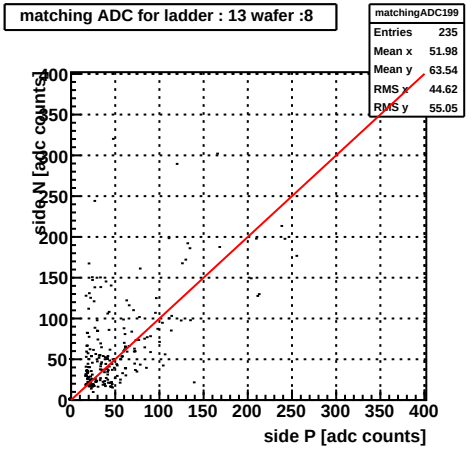

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 592
Mean x 81.46
Mean y 74.12
RMS x 60.78
RMS y 56.74
side N [adc counts]
side P [adc counts]

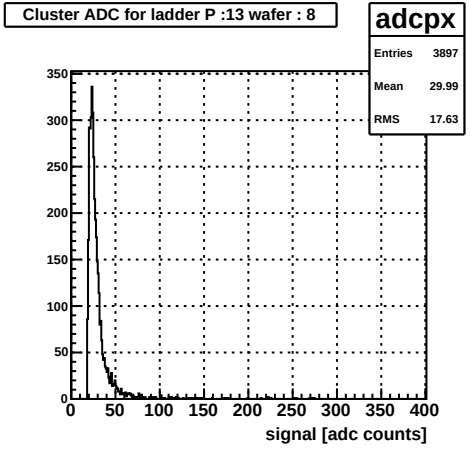

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1670
Mean 56.05
RMS 52.98
signal [adc counts]

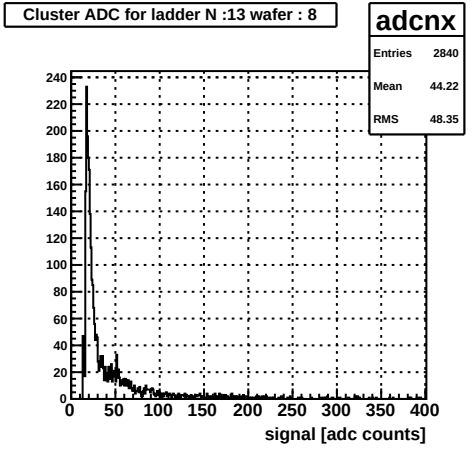

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 2752
Mean 38.37
RMS 43.07
signal [adc counts]

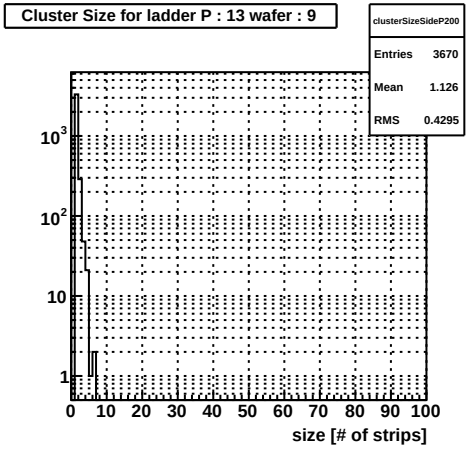

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 3897
Mean 1.054
RMS 0.246
size [# of strips]

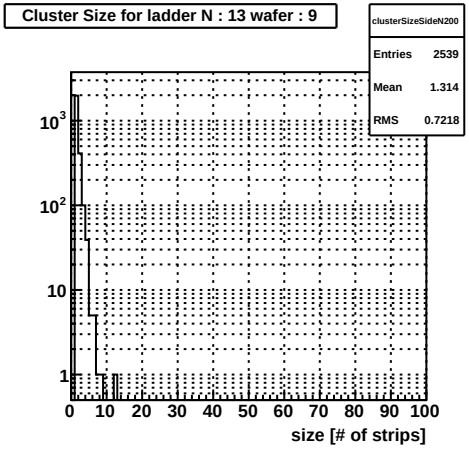

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 2840
Mean 1.285
RMS 0.6359
size [# of strips]

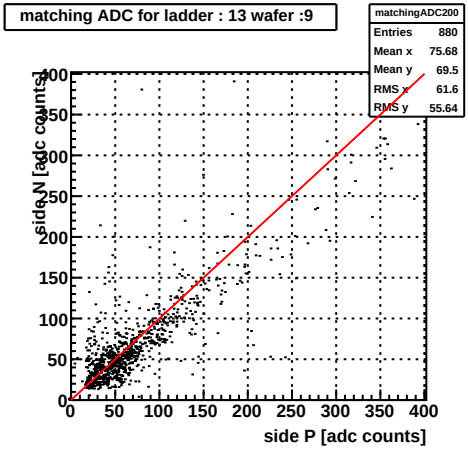

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 235
Mean x 51.98
Mean y 63.54
RMS x 44.62
RMS y 55.05
side N [adc counts]
side P [adc counts]

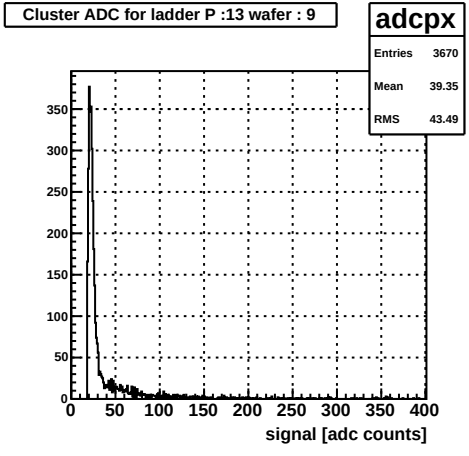

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 3897
Mean 29.99
RMS 17.63
signal [adc counts]

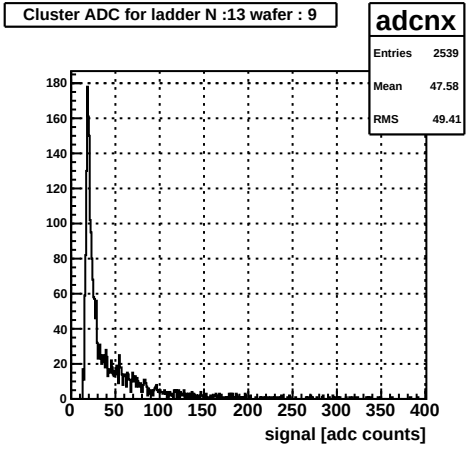

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 2840
Mean 44.22
RMS 48.35
signal [adc counts]

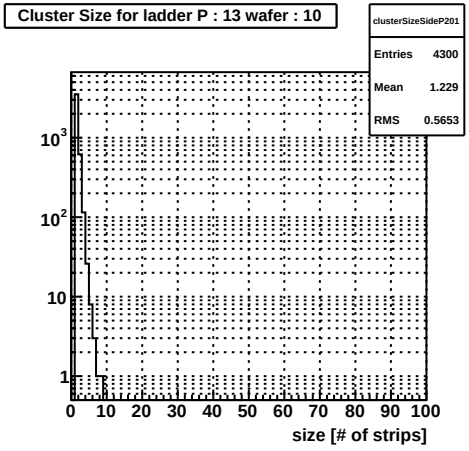

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 3670
Mean 1.126
RMS 0.4295
size [# of strips]

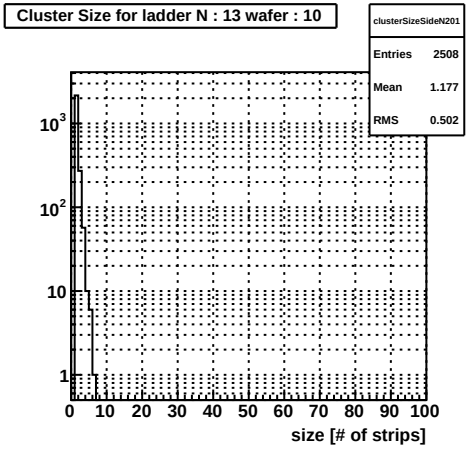

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 2539
Mean 1.314
RMS 0.7218
size [# of strips]

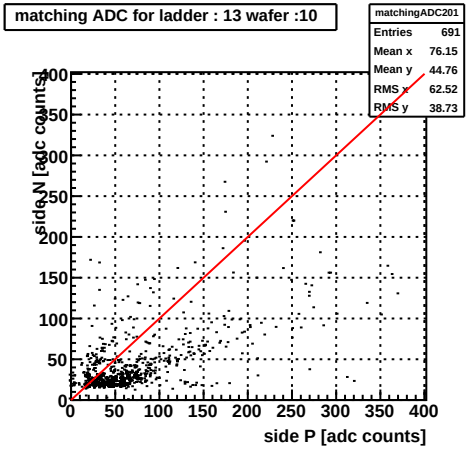

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 880
Mean x 75.68
Mean y 69.5
RMS x 61.6
RMS y 55.64
side N [adc counts]
side P [adc counts]

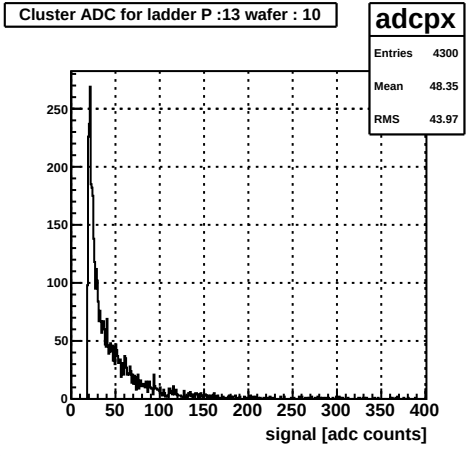

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 3670
Mean 39.35
RMS 43.49
signal [adc counts]

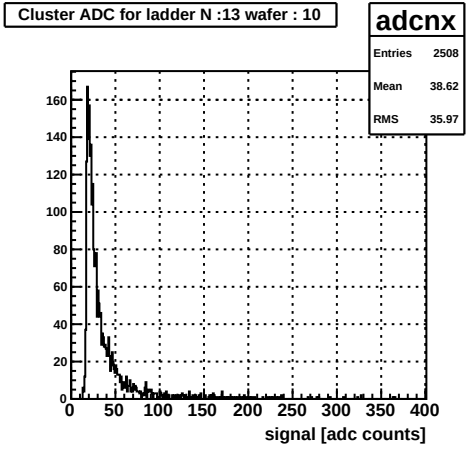

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 2539
Mean 47.58
RMS 49.41
signal [adc counts]

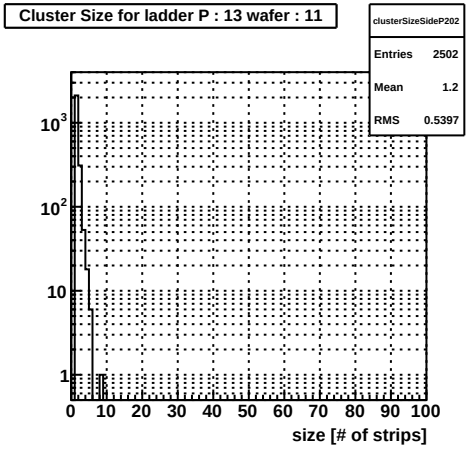

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 4300
Mean 1.229
RMS 0.5653
size [# of strips]

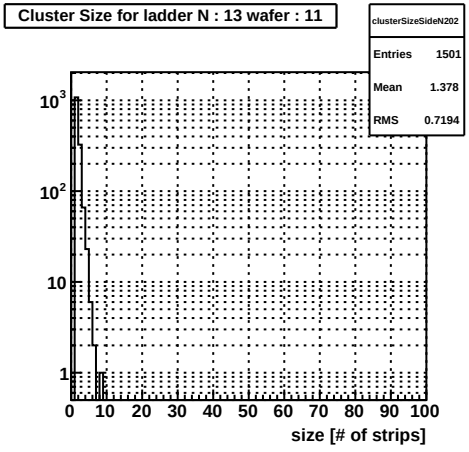

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 2508
Mean 1.177
RMS 0.502
size [# of strips]

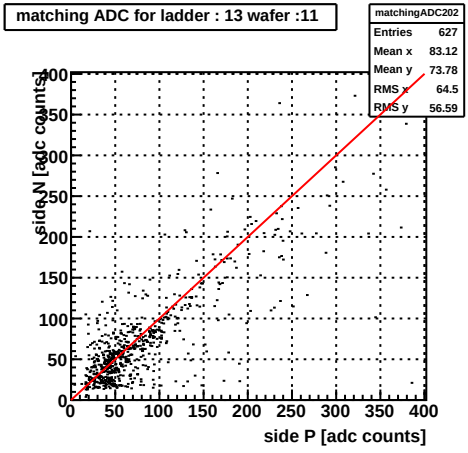

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 691
Mean x 76.15
Mean y 44.76
RMS x 62.52
RMS y 38.73
side N [adc counts]
side P [adc counts]

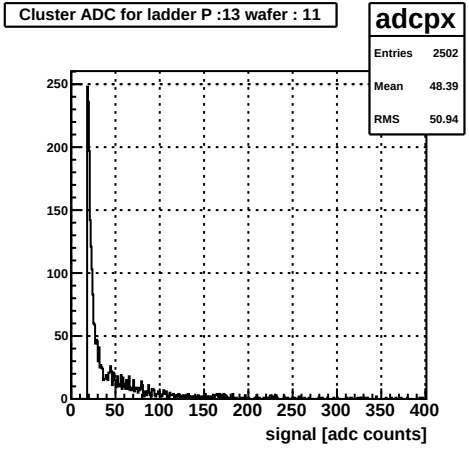

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 4300
Mean 48.35
RMS 43.97
signal [adc counts]

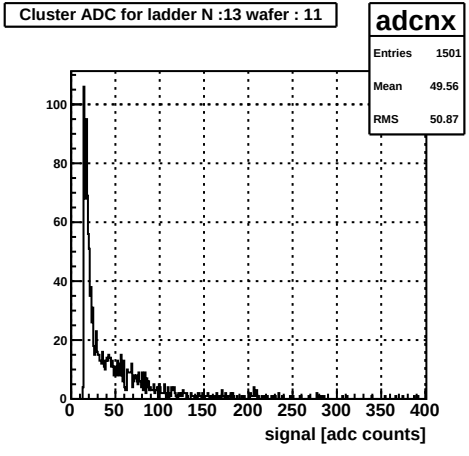

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 2508
Mean 38.62
RMS 35.97
signal [adc counts]

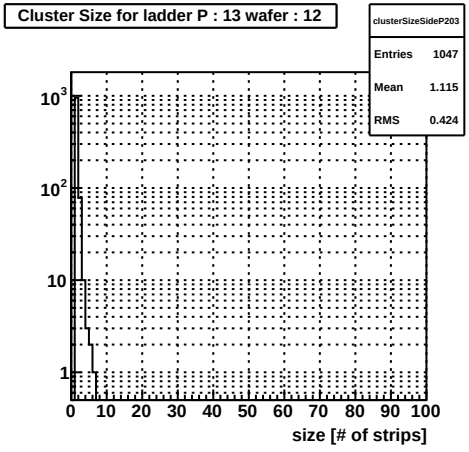

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 2502
Mean 1.2
RMS 0.5397
size [# of strips]

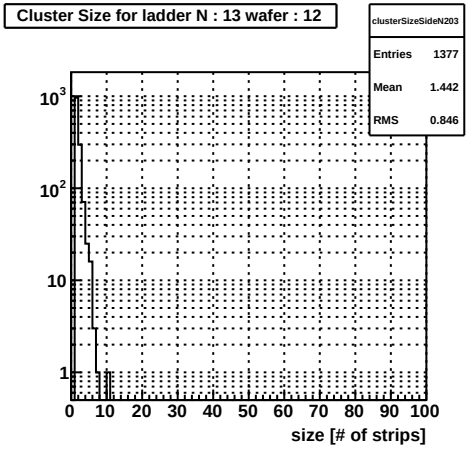

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1501
Mean 1.378
RMS 0.7194
size [# of strips]

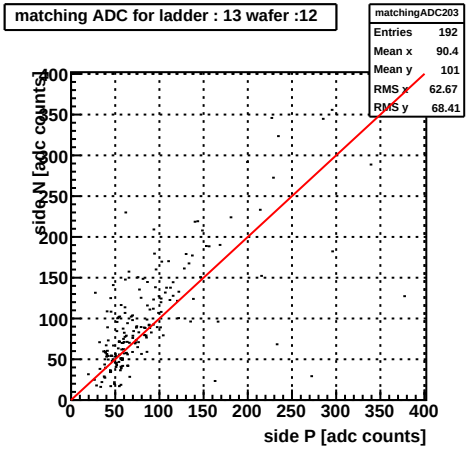

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 627
Mean x 83.12
Mean y 73.78
RMS x 64.5
RMS y 56.59
side N [adc counts]
side P [adc counts]

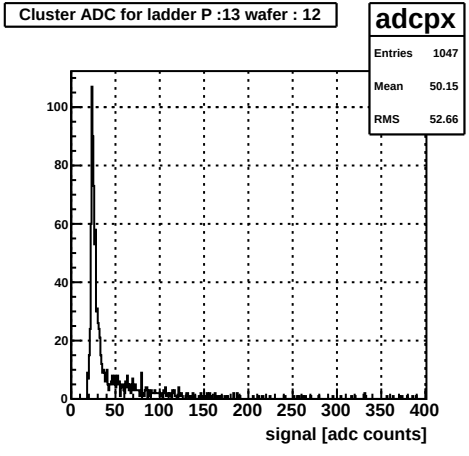

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 2502
Mean 48.39
RMS 50.94
signal [adc counts]

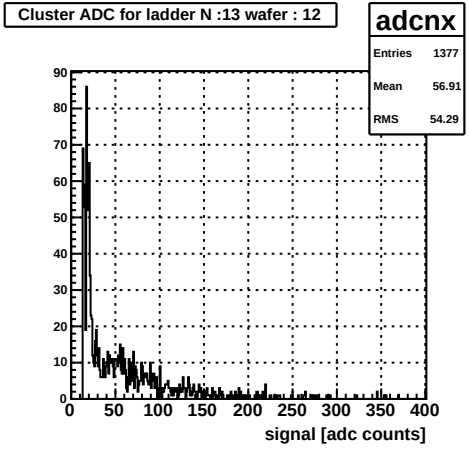

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1501
Mean 49.56
RMS 50.87
signal [adc counts]

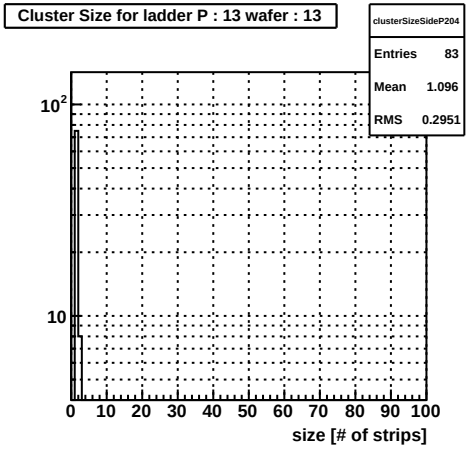

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1047
Mean 1.115
RMS 0.424
size [# of strips]

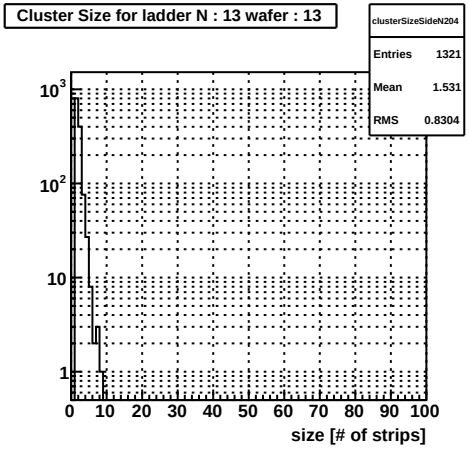

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1377
Mean 1.442
RMS 0.846
size [# of strips]

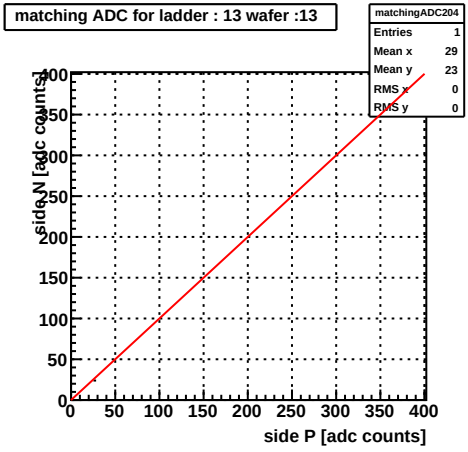

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 192
Mean x 90.4
Mean y 101
RMS x 62.67
RMS y 68.41
side N [adc counts]
side P [adc counts]

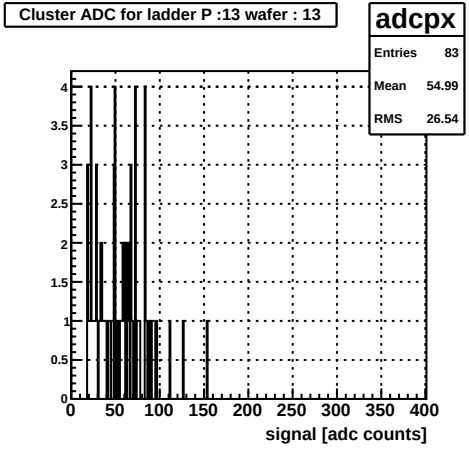

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1047
Mean 50.15
RMS 52.66
signal [adc counts]

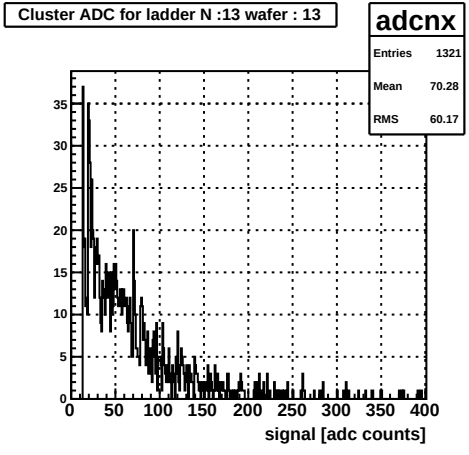

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1377
Mean 56.91
RMS 54.29
signal [adc counts]

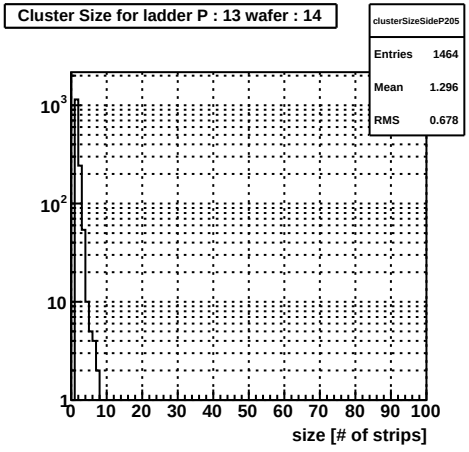

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 83
Mean 1.096
RMS 0.2951
size [# of strips]

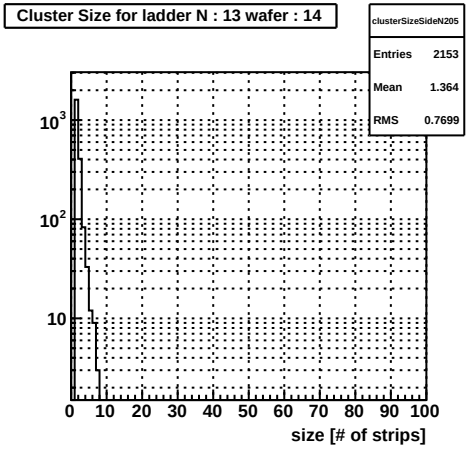

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 1321
Mean 1.531
RMS 0.8304
size [# of strips]

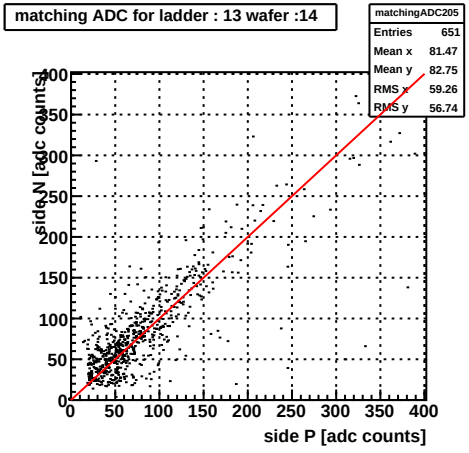

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 1
Mean x 29
Mean y 23
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

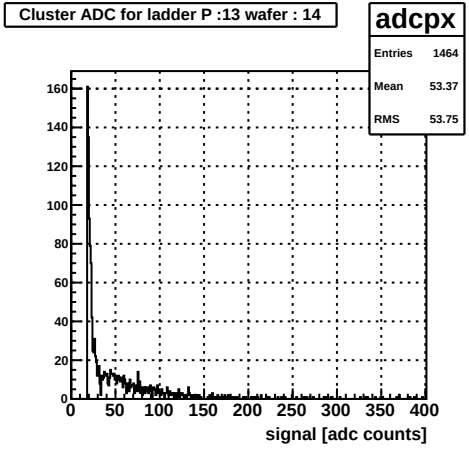

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 83
Mean 54.99
RMS 26.54
signal [adc counts]

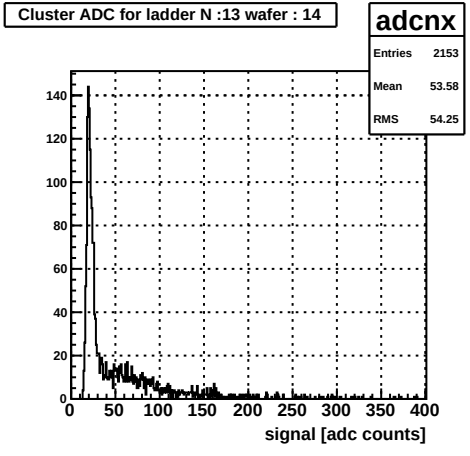

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 1321
Mean 70.28
RMS 60.17
signal [adc counts]

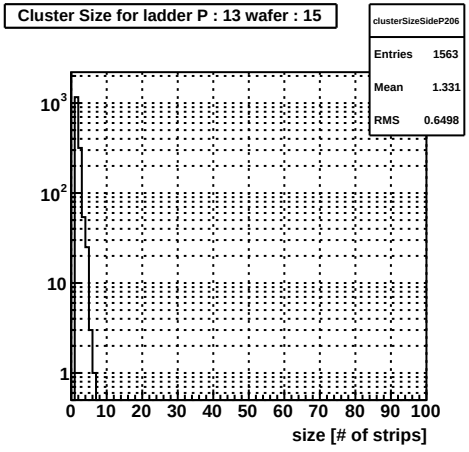

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 1464
Mean 1.296
RMS 0.678
size [# of strips]

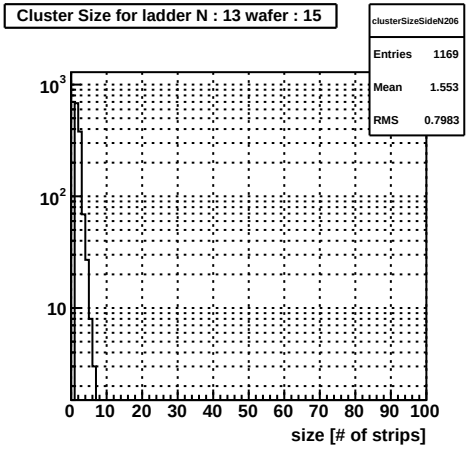

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 2153
Mean 1.364
RMS 0.7699
size [# of strips]

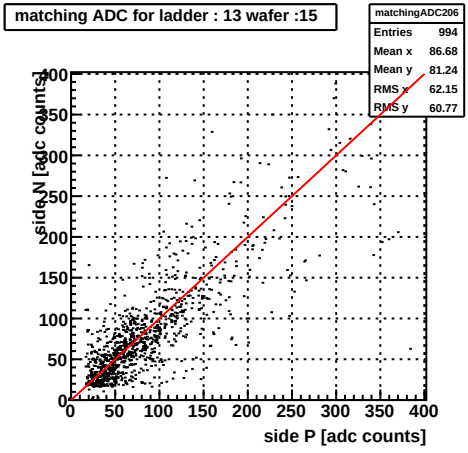

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 651
Mean x 81.47
Mean y 82.75
RMS x 59.26
RMS y 56.74
side N [adc counts]
side P [adc counts]

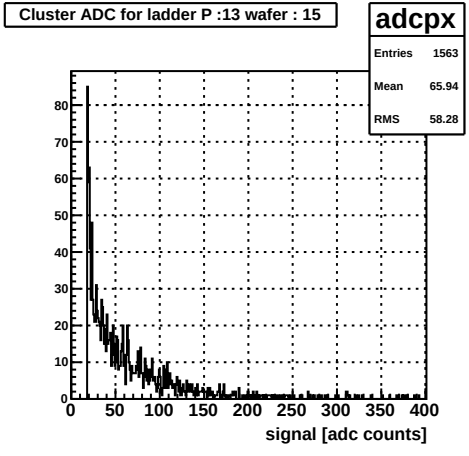

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 1464
Mean 53.37
RMS 53.75
signal [adc counts]

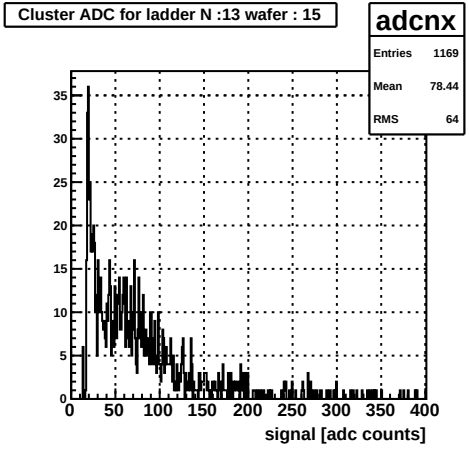

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 2153
Mean 53.58
RMS 54.25
signal [adc counts]

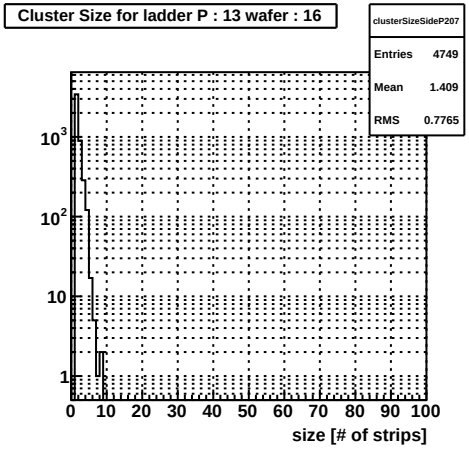

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1563
Mean 1.331
RMS 0.6498
size [# of strips]

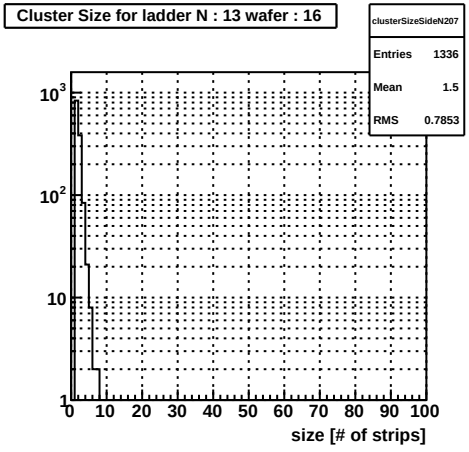

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1169
Mean 1.553
RMS 0.7983
size [# of strips]

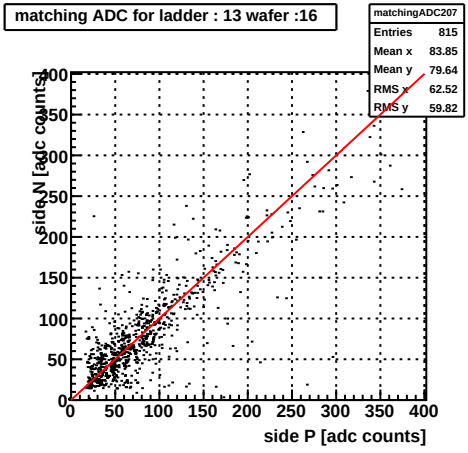

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 994
Mean x 86.68
Mean y 81.24
RMS x 62.15
RMS y 60.77
side N [adc counts]
side P [adc counts]

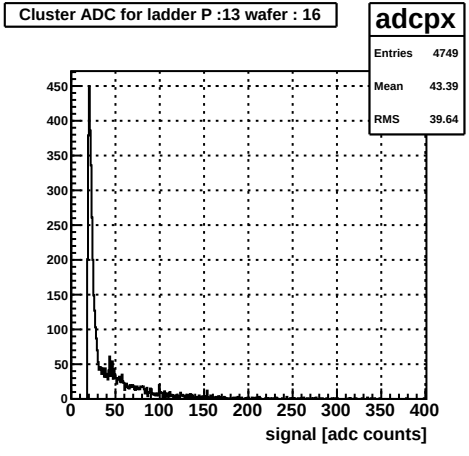

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1563
Mean 65.94
RMS 58.28
signal [adc counts]

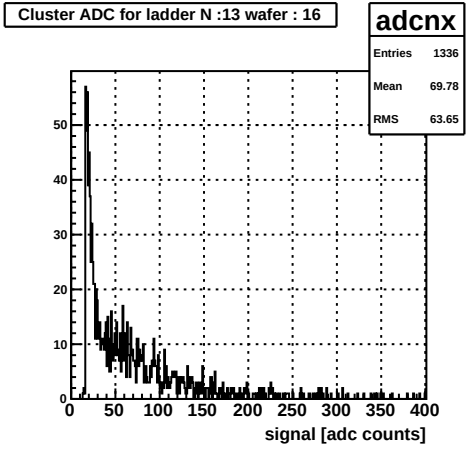

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1169
Mean 78.44
RMS 64
signal [adc counts]

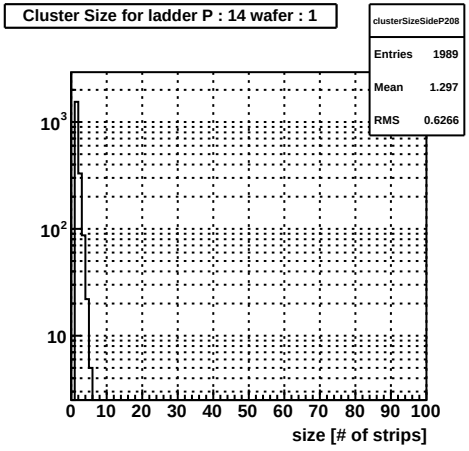

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 4749
Mean 1.409
RMS 0.7765
size [# of strips]

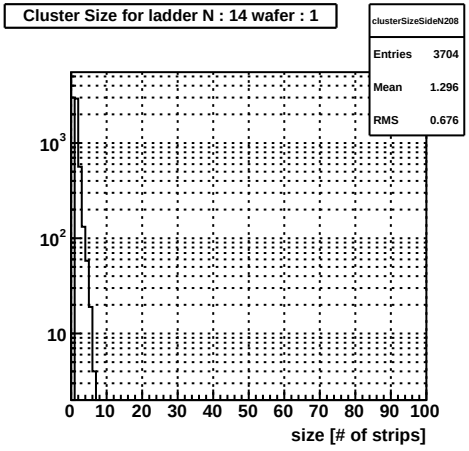

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1336
Mean 1.5
RMS 0.7853
size [# of strips]

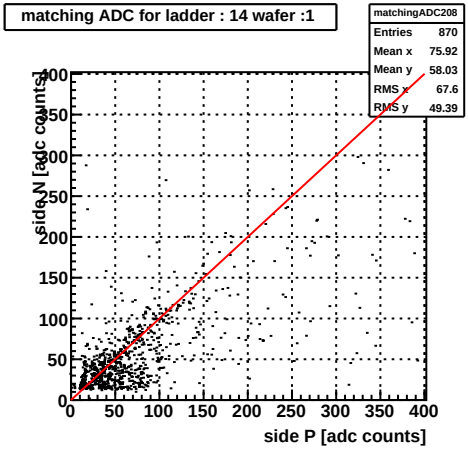

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 815
Mean x 83.85
Mean y 79.64
RMS x 62.52
RMS y 59.82
side N [adc counts]
side P [adc counts]

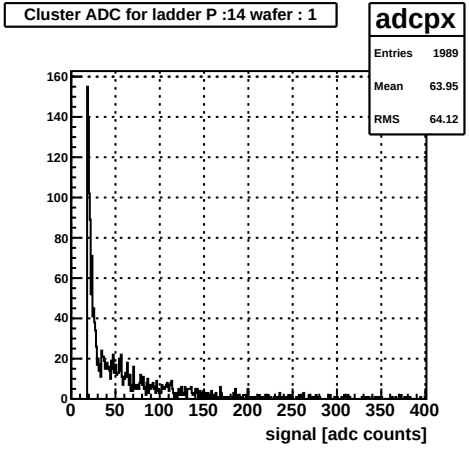

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 4749
Mean 43.39
RMS 39.64
signal [adc counts]

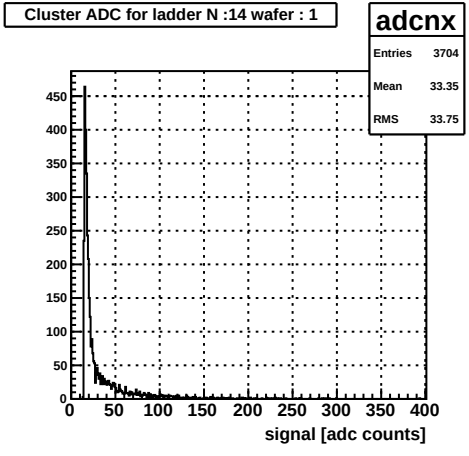

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1336
Mean 69.78
RMS 63.65
signal [adc counts]

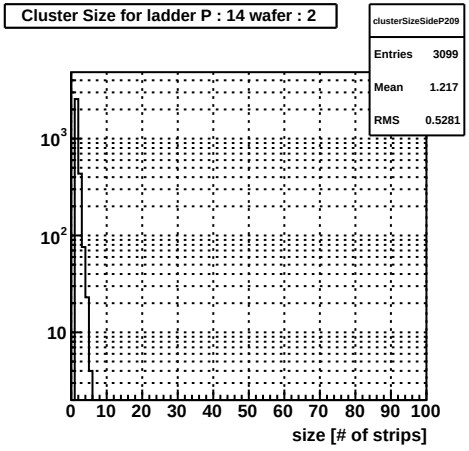

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 1989
Mean 1.297
RMS 0.6266
size [# of strips]

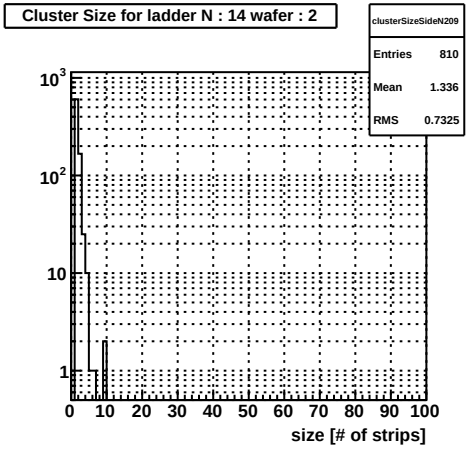

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 3704
Mean 1.296
RMS 0.676
size [# of strips]

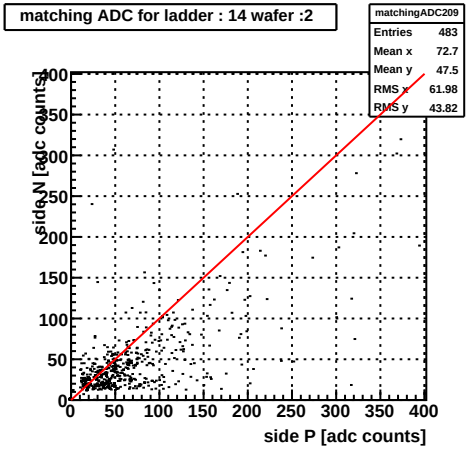

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 870
Mean x 75.92
Mean y 58.03
RMS x 67.6
RMS y 49.39
side N [adc counts]
side P [adc counts]

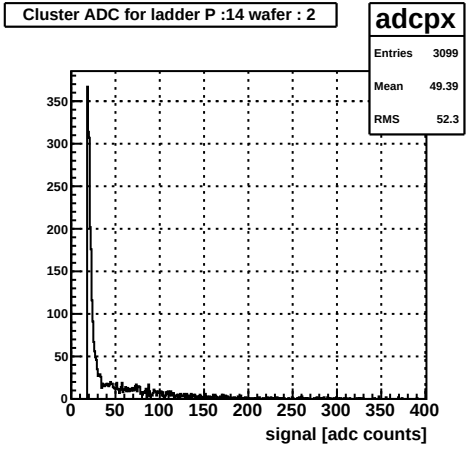

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 1989
Mean 63.95
RMS 64.12
signal [adc counts]

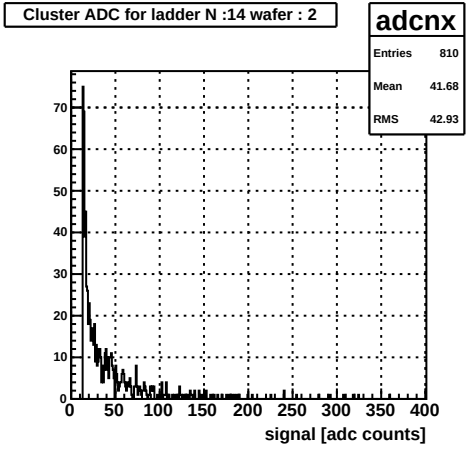

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 3704
Mean 33.35
RMS 33.75
signal [adc counts]

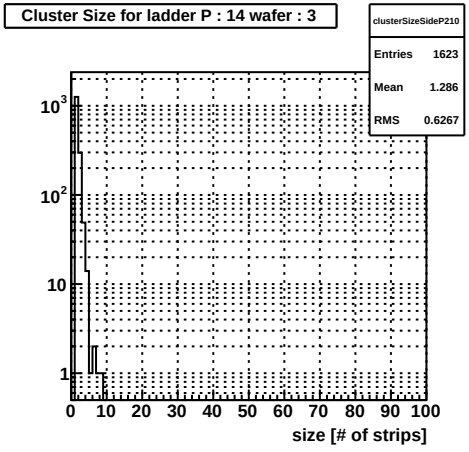

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 3099
Mean 1.217
RMS 0.5281
size [# of strips]

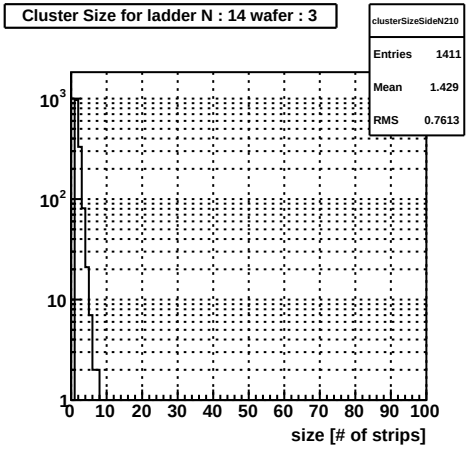

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 810
Mean 1.336
RMS 0.7325
size [# of strips]

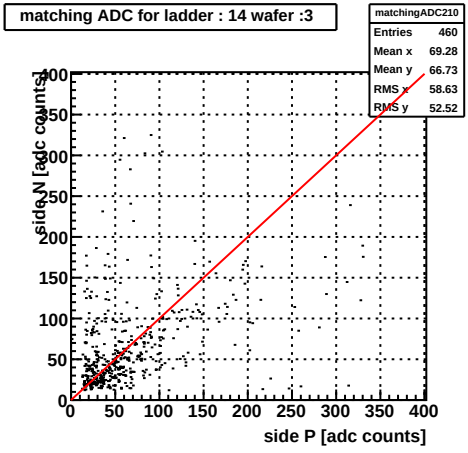

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 483
Mean x 72.7
Mean y 47.5
RMS x 61.98
RMS y 43.82
side N [adc counts]
side P [adc counts]

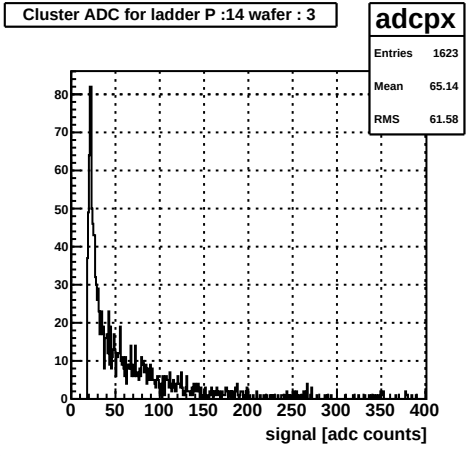

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 3099
Mean 49.39
RMS 52.3
signal [adc counts]

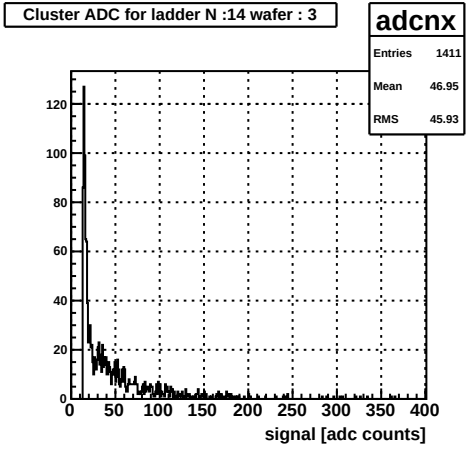

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 810
Mean 41.68
RMS 42.93
signal [adc counts]

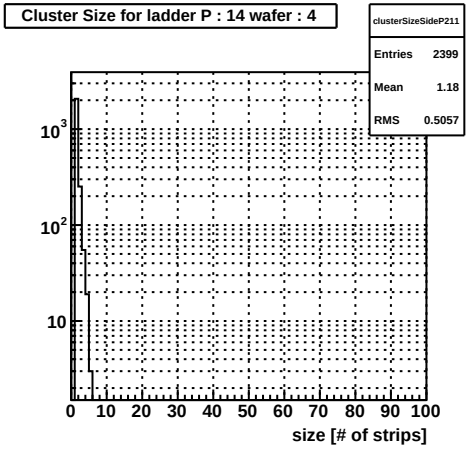

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1623
Mean 1.286
RMS 0.6267
size [# of strips]

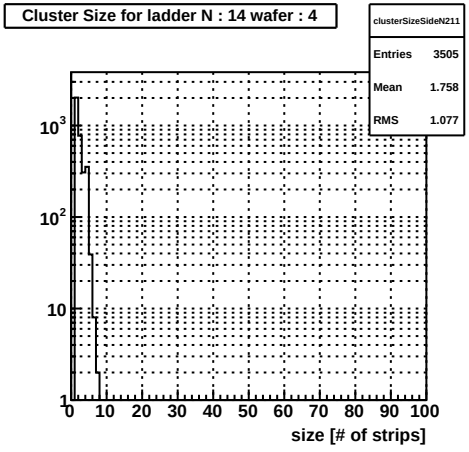

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1411
Mean 1.429
RMS 0.7613
size [# of strips]

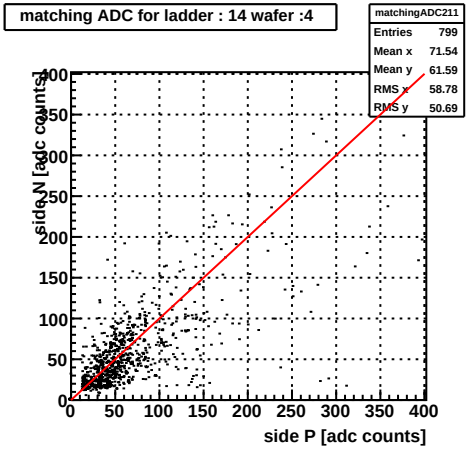

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 460
Mean x 69.28
Mean y 66.73
RMS x 58.63
RMS y 52.52
side N [adc counts]
side P [adc counts]

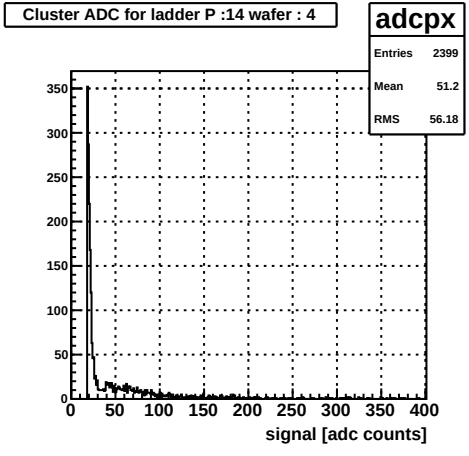

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1623
Mean 65.14
RMS 61.58
signal [adc counts]

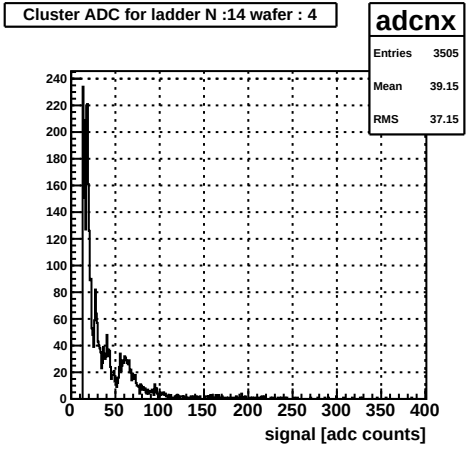

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1411
Mean 46.95
RMS 45.93
signal [adc counts]

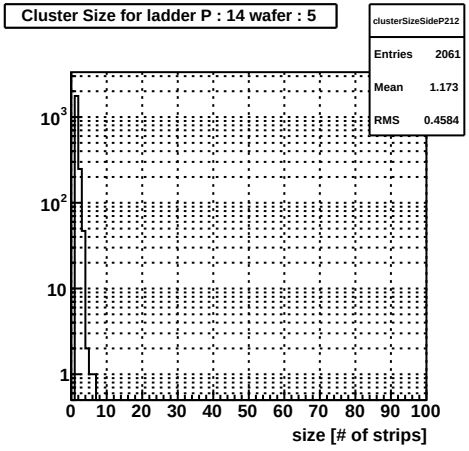

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 2399
Mean 1.18
RMS 0.5057
size [# of strips]

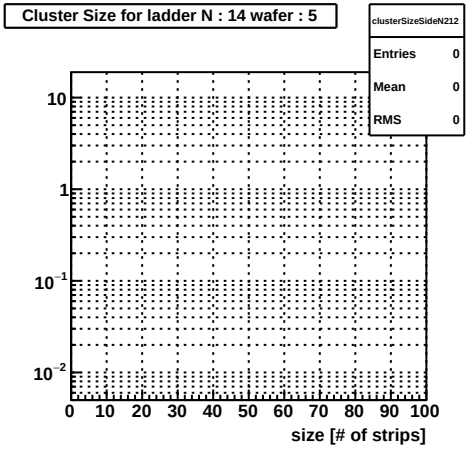

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 3505
Mean 1.758
RMS 1.077
size [# of strips]

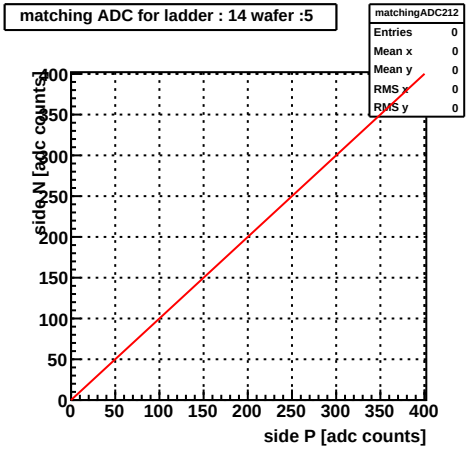

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 799
Mean x 71.54
Mean y 61.59
RMS x 58.78
RMS y 50.69
side N [adc counts]
side P [adc counts]

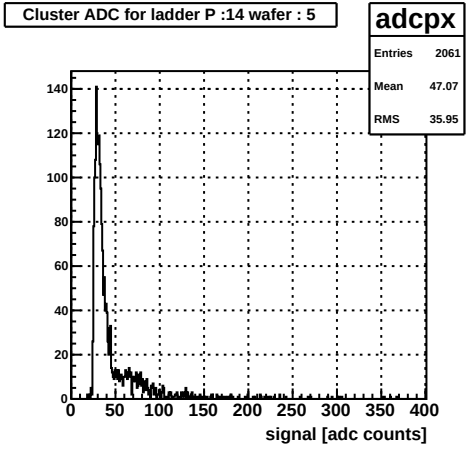

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 2399
Mean 51.2
RMS 56.18
signal [adc counts]

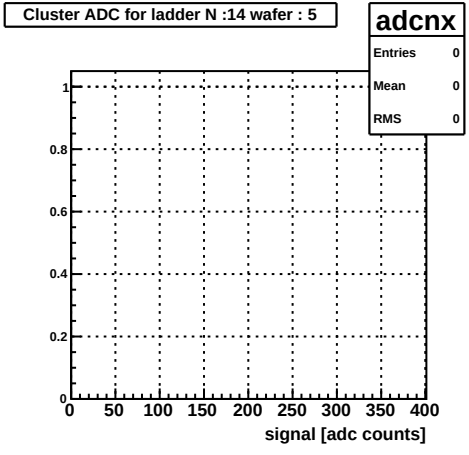

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 3505
Mean 39.15
RMS 37.15
signal [adc counts]

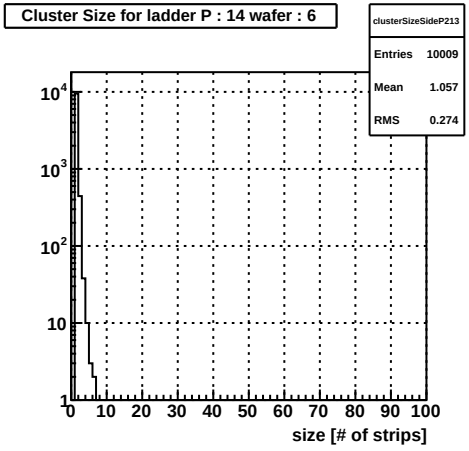

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 2061
Mean 1.173
RMS 0.4584
size [# of strips]

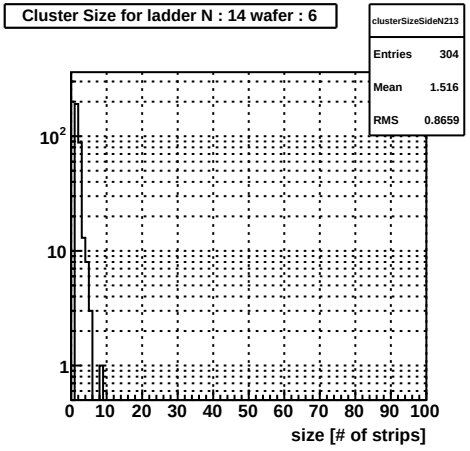

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

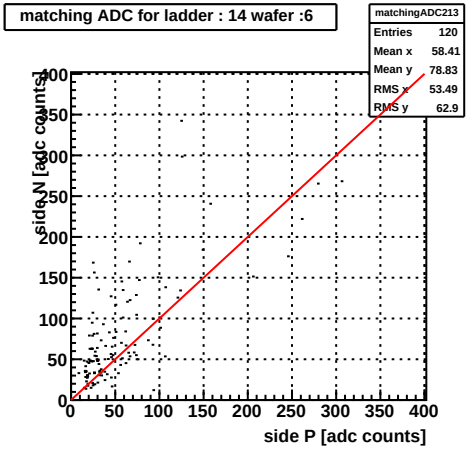

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

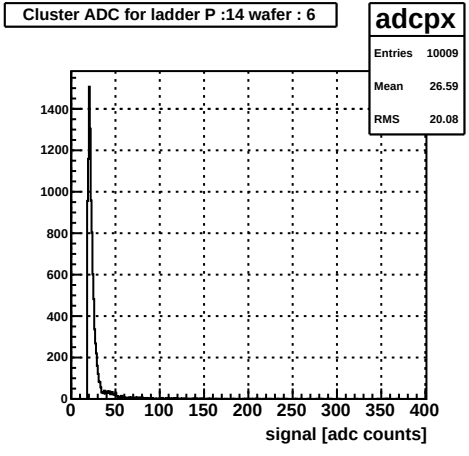

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 2061
Mean 47.07
RMS 35.95
signal [adc counts]

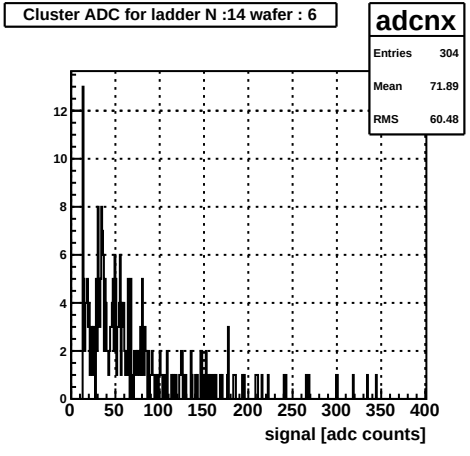

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

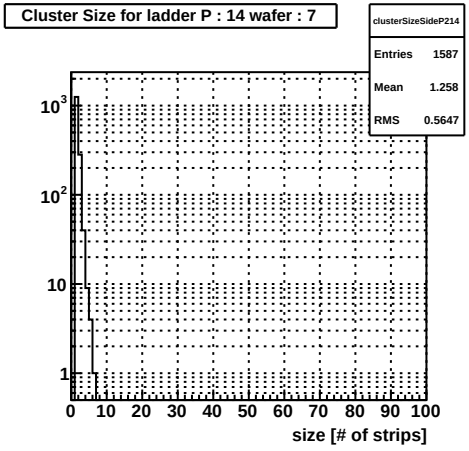

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 10009
Mean 1.057
RMS 0.274
size [# of strips]

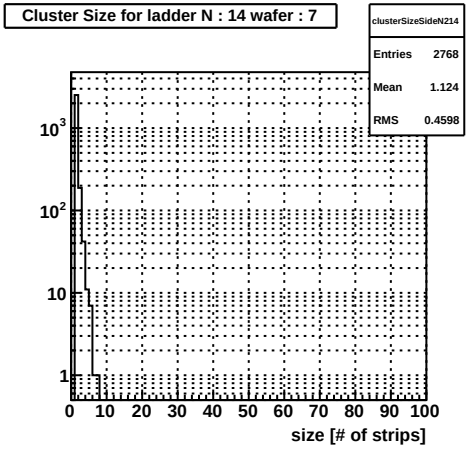

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 304
Mean 1.516
RMS 0.8659
size [# of strips]

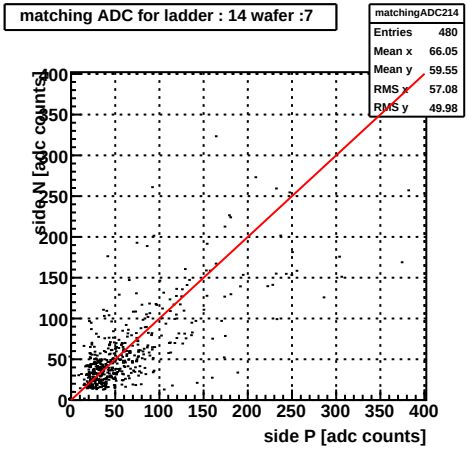

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 120
Mean x 58.41
Mean y 78.83
RMS x 53.49
RMS y 62.9
side N [adc counts]
side P [adc counts]

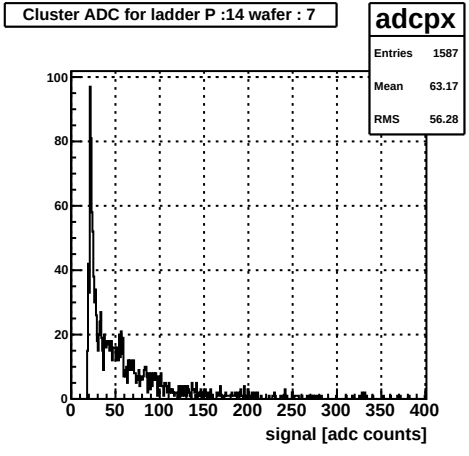

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 10009
Mean 26.59
RMS 20.08
signal [adc counts]

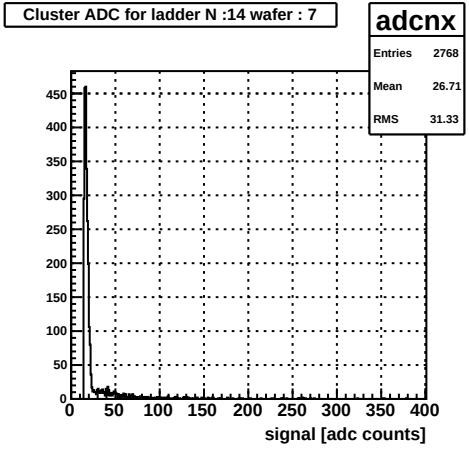

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 304
Mean 71.89
RMS 60.48
signal [adc counts]

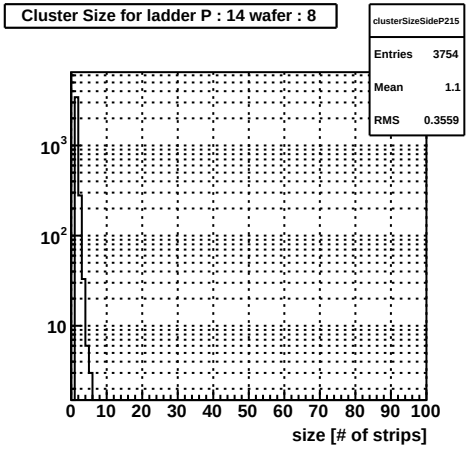

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1587
Mean 1.258
RMS 0.5647
size [# of strips]

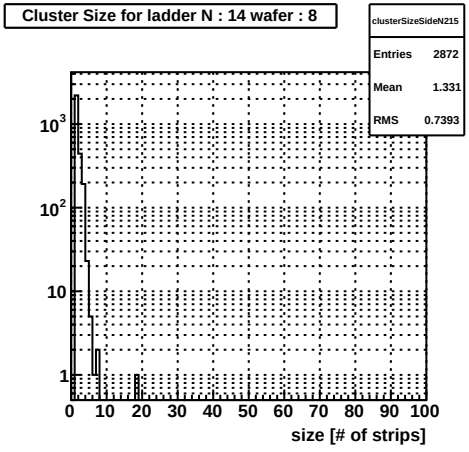

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 2768
Mean 1.124
RMS 0.4598
size [# of strips]

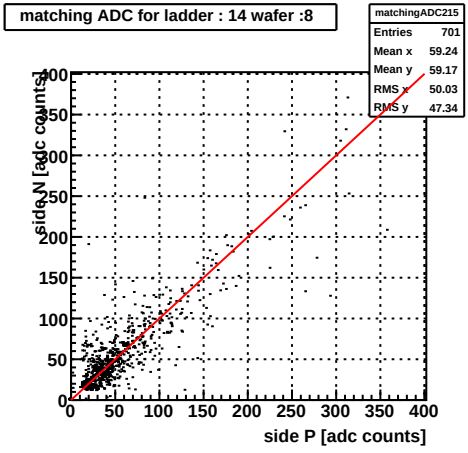

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 480
Mean x 66.05
Mean y 59.55
RMS x 57.08
RMS y 49.98
side N [adc counts]
side P [adc counts]

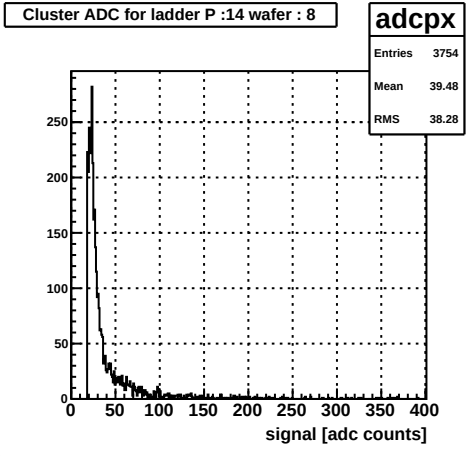

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1587
Mean 63.17
RMS 56.28
signal [adc counts]

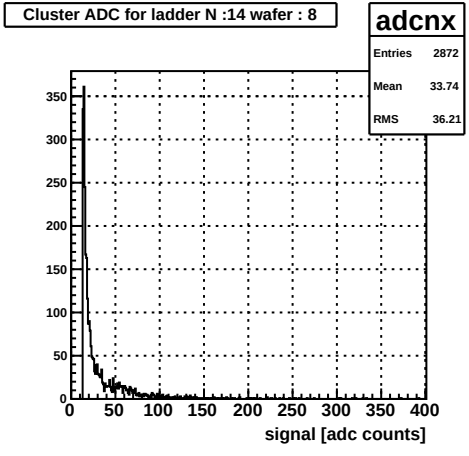

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 2768
Mean 26.71
RMS 31.33
signal [adc counts]

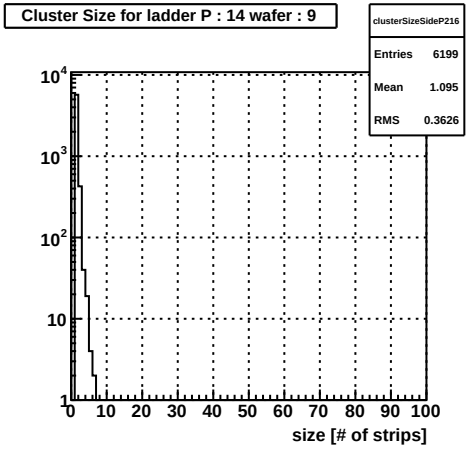

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 3754
Mean 1.1
RMS 0.3559
size [# of strips]

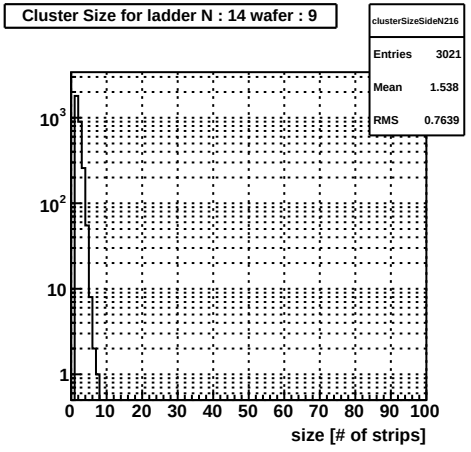

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2872
Mean 1.331
RMS 0.7393
size [# of strips]

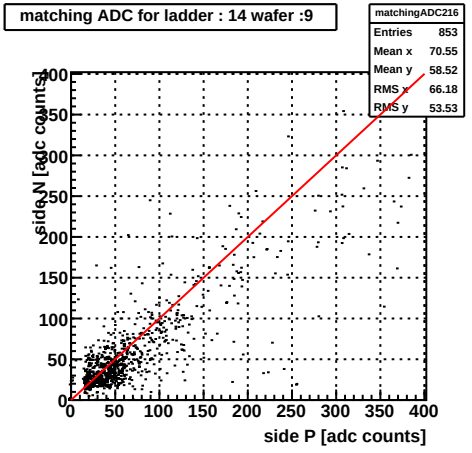

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 701
Mean x 59.24
Mean y 59.17
RMS x 50.03
RMS y 47.34
side N [adc counts]
side P [adc counts]

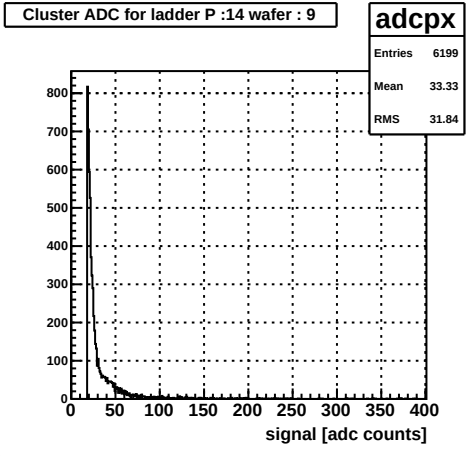

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 3754
Mean 39.48
RMS 38.28
signal [adc counts]

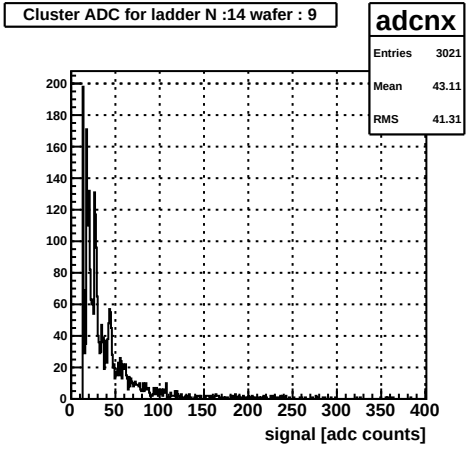

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2872
Mean 33.74
RMS 36.21
signal [adc counts]

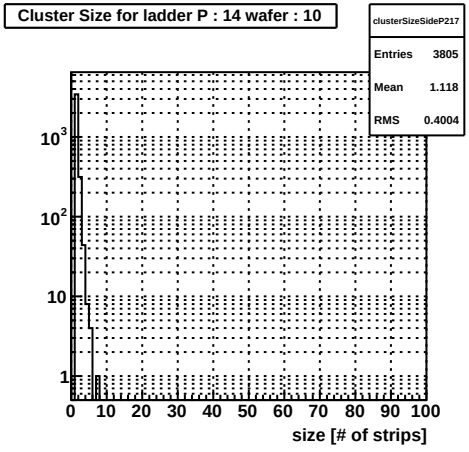

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 6199
Mean 1.095
RMS 0.3626
size [# of strips]

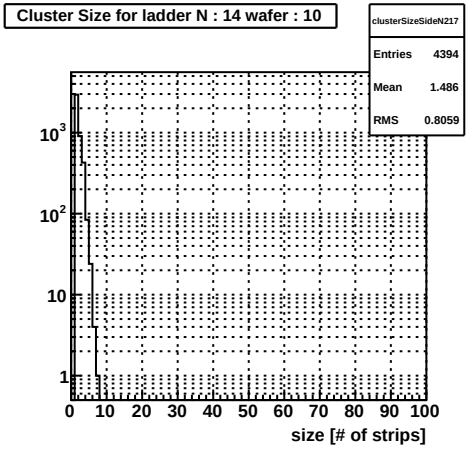

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 3021
Mean 1.538
RMS 0.7639
size [# of strips]

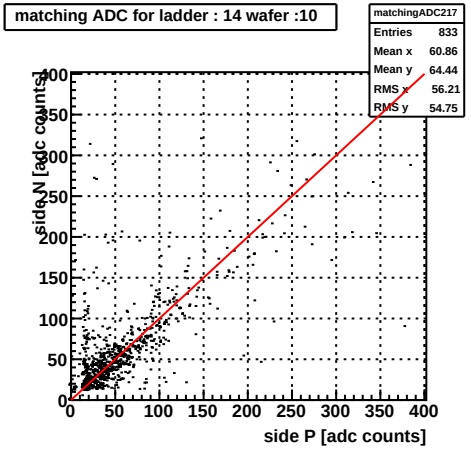

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 853
Mean x 70.55
Mean y 58.52
RMS x 66.18
RMS y 53.53
side N [adc counts]
side P [adc counts]

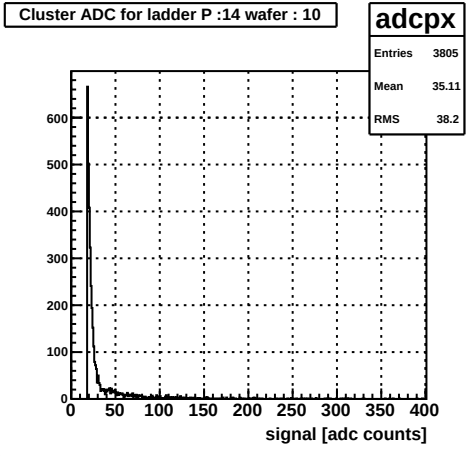

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 6199
Mean 33.33
RMS 31.84
signal [adc counts]

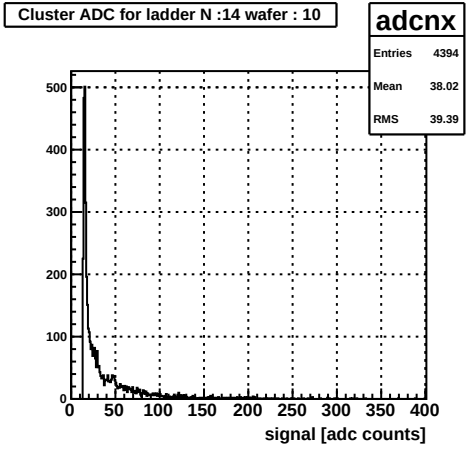

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 3021
Mean 43.11
RMS 41.31
signal [adc counts]

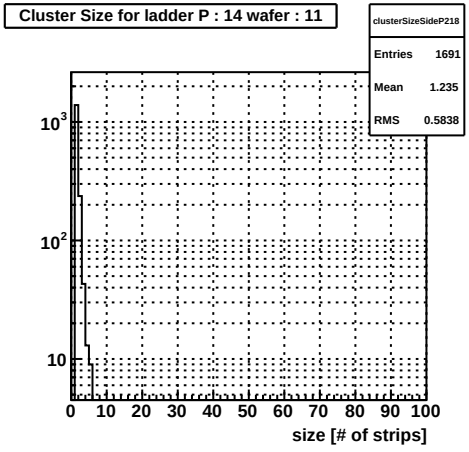

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 3805
Mean 1.118
RMS 0.4004
size [# of strips]

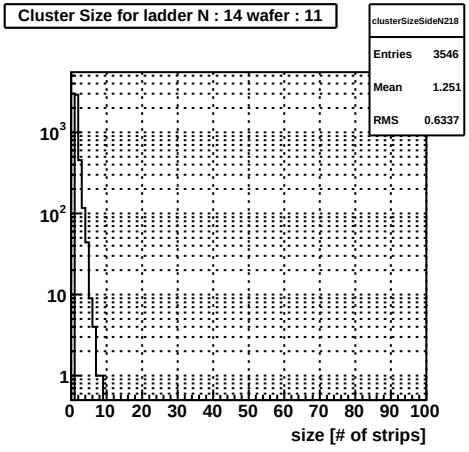

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 4394
Mean 1.486
RMS 0.8059
size [# of strips]

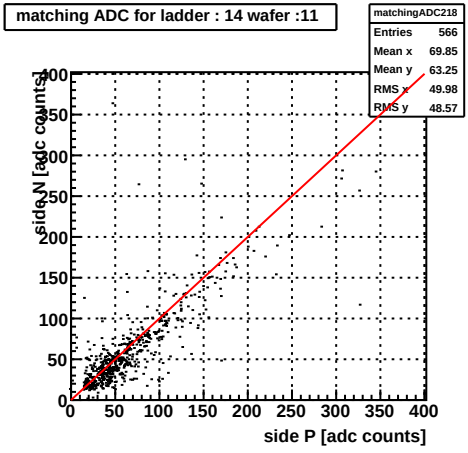

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 833
Mean x 60.86
Mean y 64.44
RMS x 56.21
RMS y 54.75
side N [adc counts]
side P [adc counts]

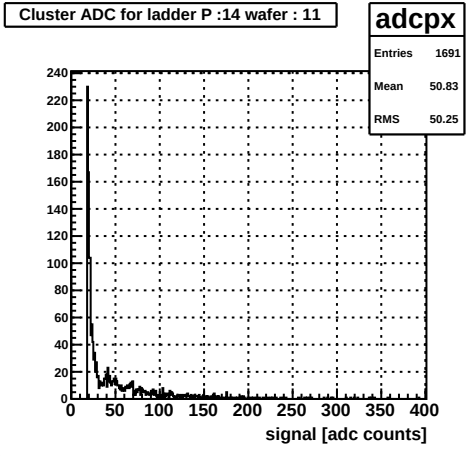

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 3805
Mean 35.11
RMS 38.2
signal [adc counts]

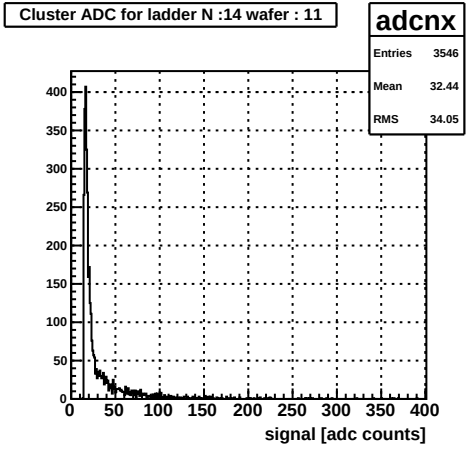

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 4394
Mean 38.02
RMS 39.39
signal [adc counts]

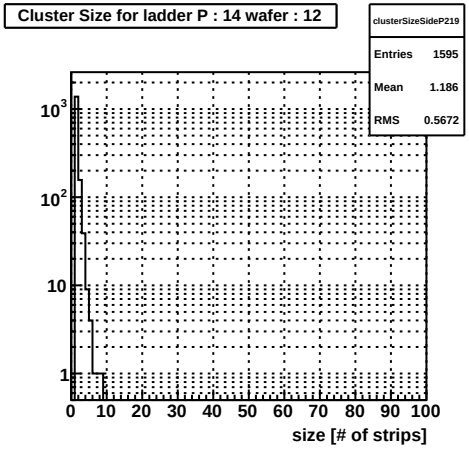

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 1691
Mean 1.235
RMS 0.5838
size [# of strips]

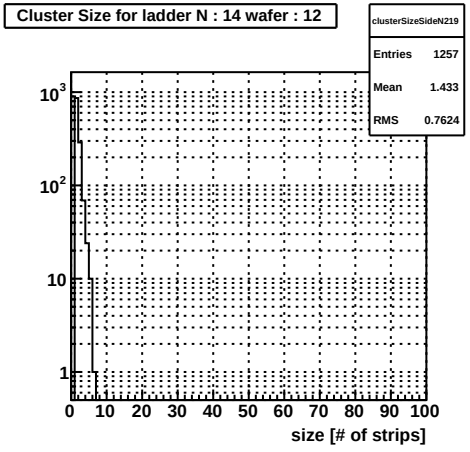

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 3546
Mean 1.251
RMS 0.6337
size [# of strips]

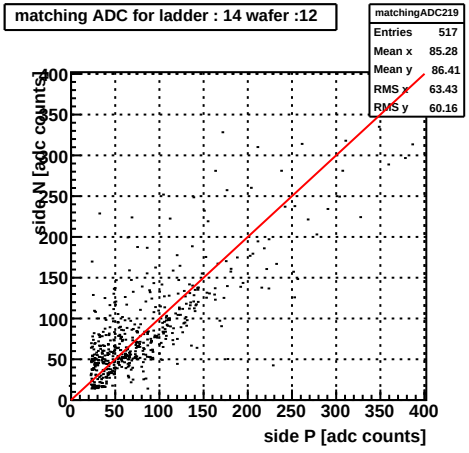

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 566
Mean x 69.85
Mean y 63.25
RMS x 49.98
RMS y 48.57
side N [adc counts]
side P [adc counts]

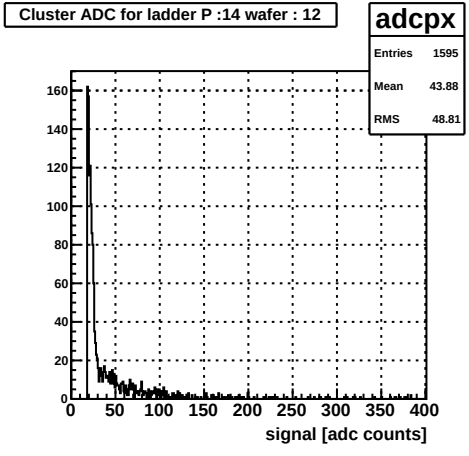

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 1691
Mean 50.83
RMS 50.25
signal [adc counts]

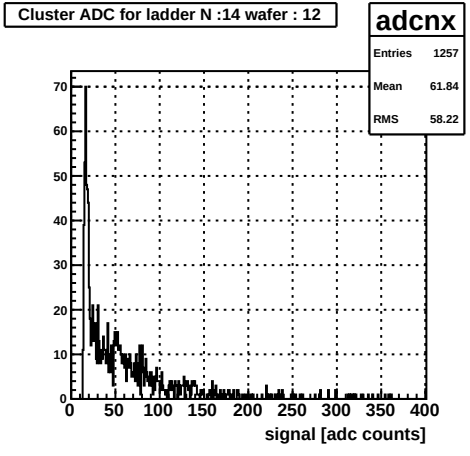

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 3546
Mean 32.44
RMS 34.05
signal [adc counts]

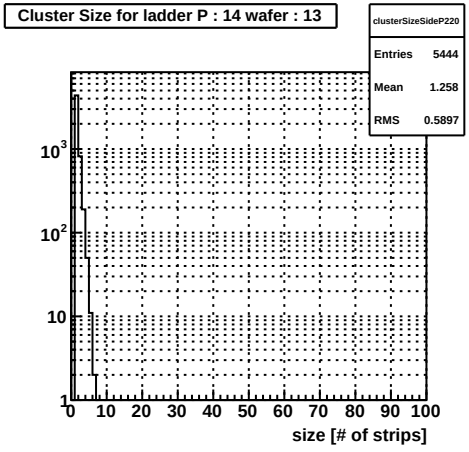

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 1595
Mean 1.186
RMS 0.5672
size [# of strips]

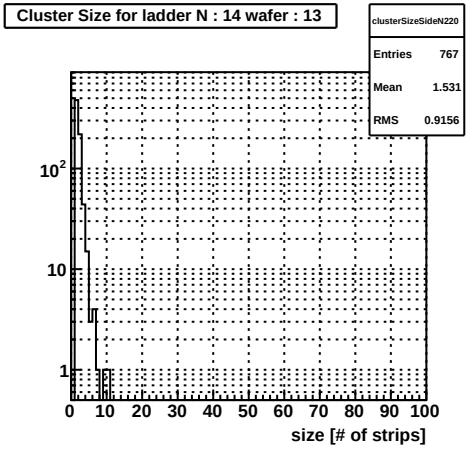

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1257
Mean 1.433
RMS 0.7624
size [# of strips]

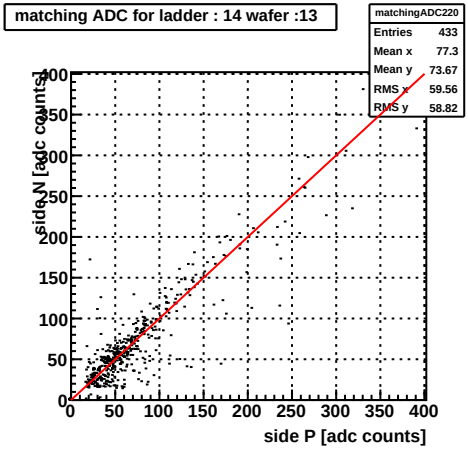

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 517
Mean x 85.28
Mean y 86.41
RMS x 63.43
RMS y 60.16
side N [adc counts]
side P [adc counts]

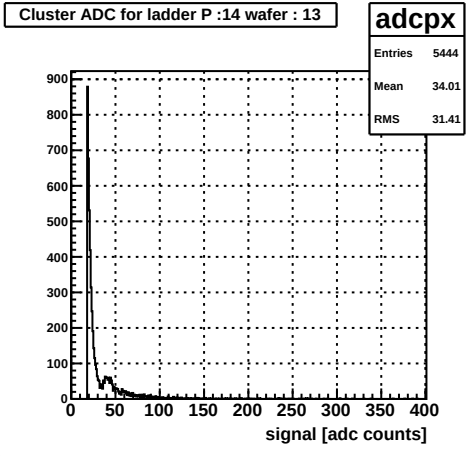

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 1595
Mean 43.88
RMS 48.81
signal [adc counts]

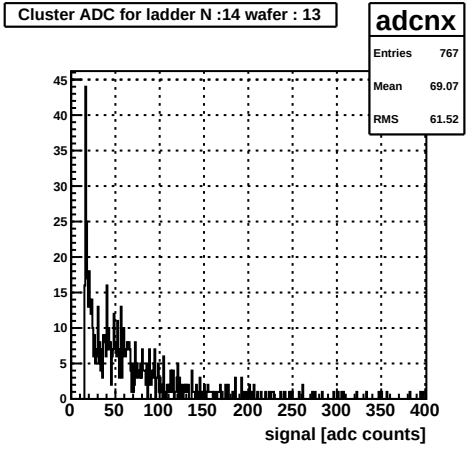

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1257
Mean 61.84
RMS 58.22
signal [adc counts]

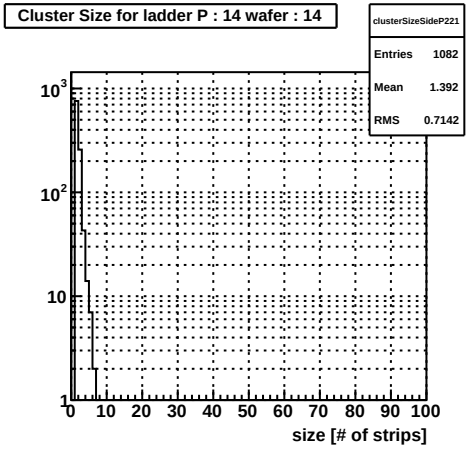

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 5444
Mean 1.258
RMS 0.5897
size [# of strips]

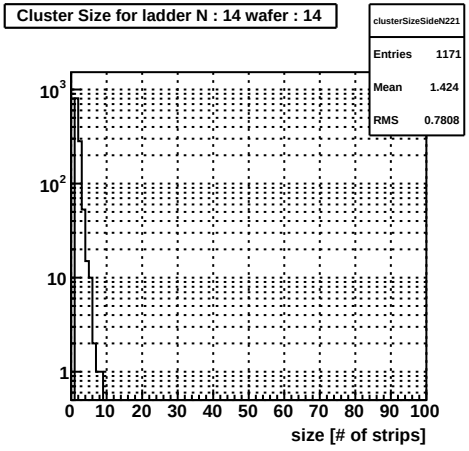

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 767
Mean 1.531
RMS 0.9156
size [# of strips]

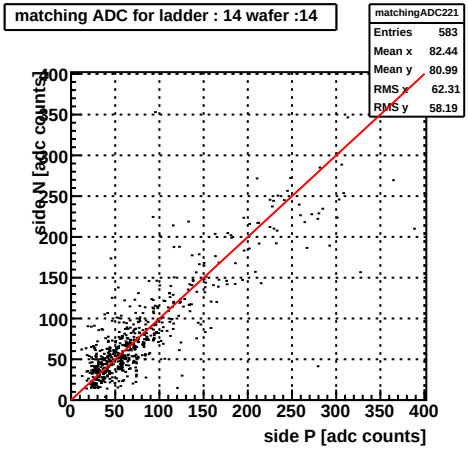

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 433
Mean x 77.3
Mean y 73.67
RMS x 59.56
RMS y 58.82
side N [adc counts]
side P [adc counts]

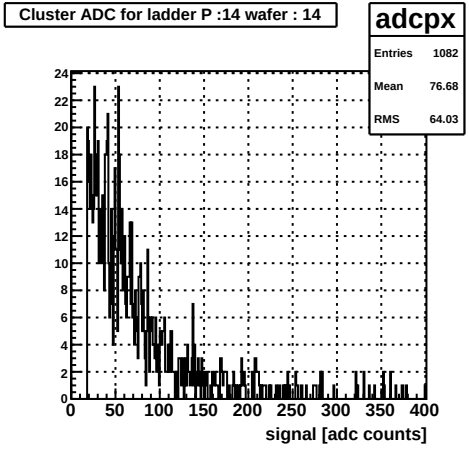

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 5444
Mean 34.01
RMS 31.41
signal [adc counts]

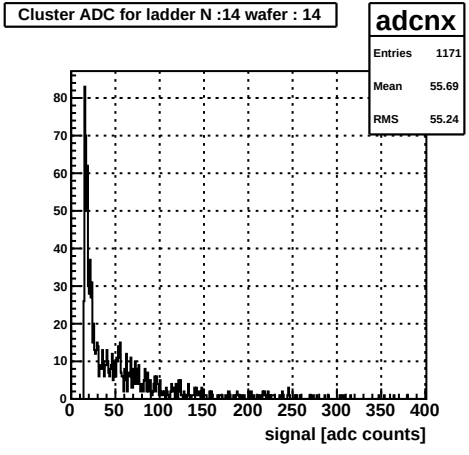

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 767
Mean 69.07
RMS 61.52
signal [adc counts]

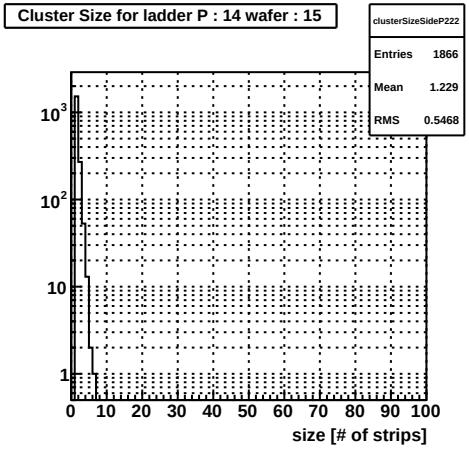

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1082
Mean 1.392
RMS 0.7142
size [# of strips]

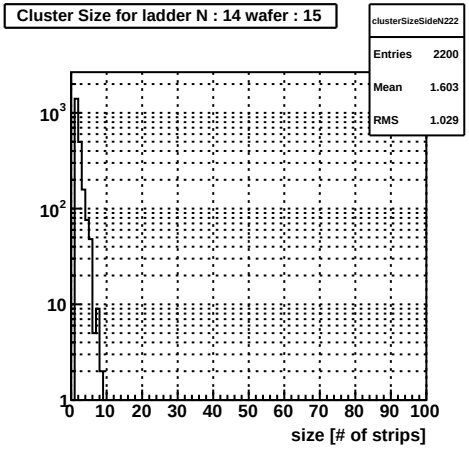

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1171
Mean 1.424
RMS 0.7808
size [# of strips]

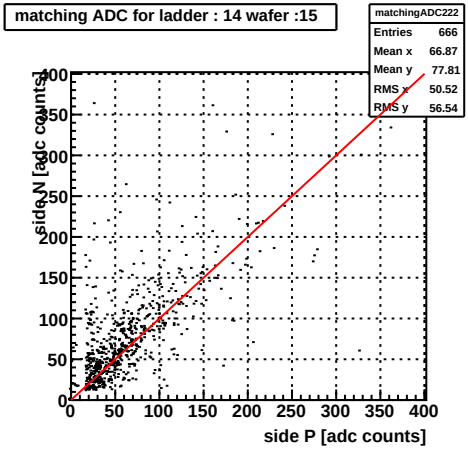

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 583
Mean x 82.44
Mean y 80.99
RMS x 62.31
RMS y 58.19
side N [adc counts]
side P [adc counts]

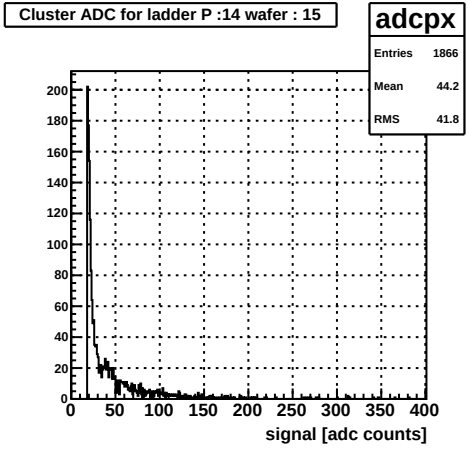

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1082
Mean 76.68
RMS 64.03
signal [adc counts]

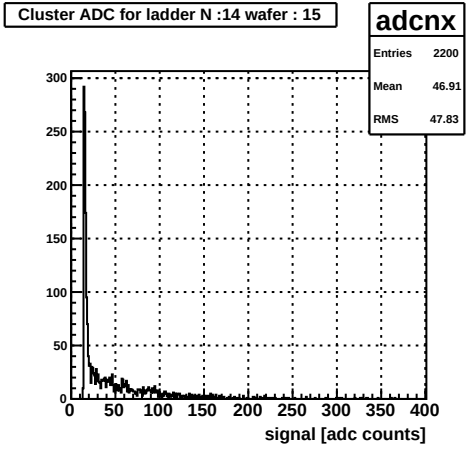

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1171
Mean 55.69
RMS 55.24
signal [adc counts]

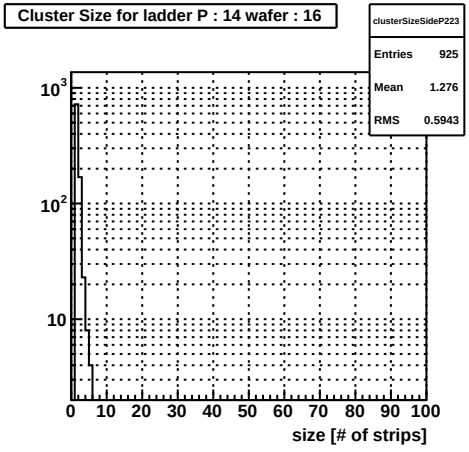

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 1866
Mean 1.229
RMS 0.5468
size [# of strips]

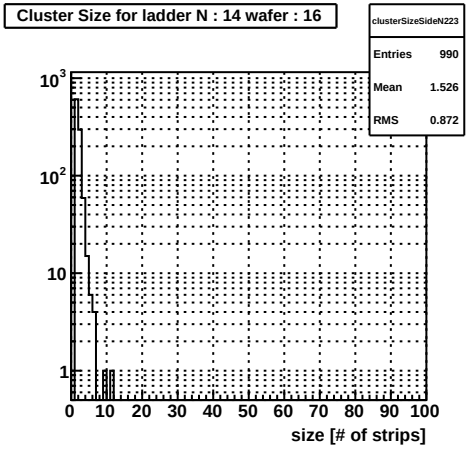

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 2200
Mean 1.603
RMS 1.029
size [# of strips]

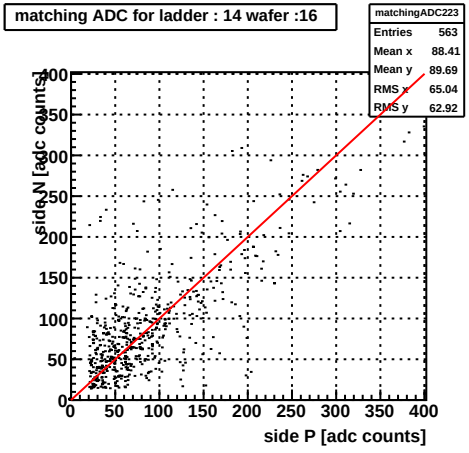

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 666
Mean x 66.87
Mean y 77.81
RMS x 50.52
RMS y 56.54
side N [adc counts]
side P [adc counts]

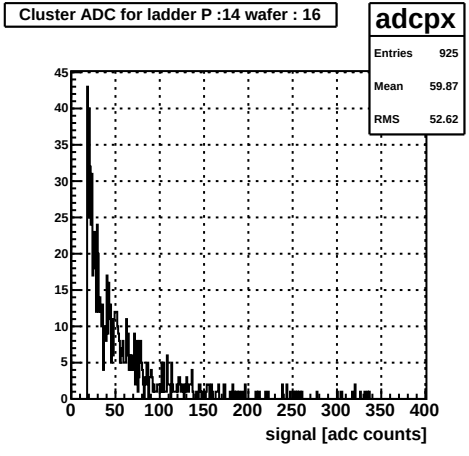

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 1866
Mean 44.2
RMS 41.8
signal [adc counts]

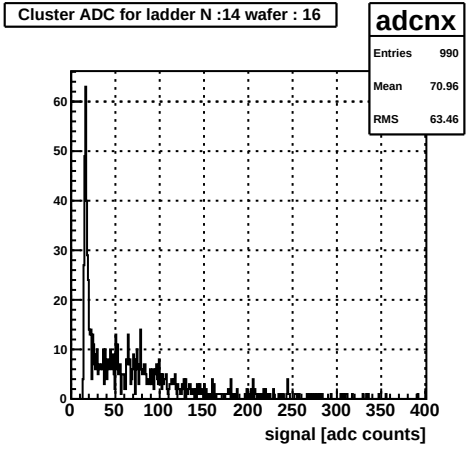

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 2200
Mean 46.91
RMS 47.83
signal [adc counts]

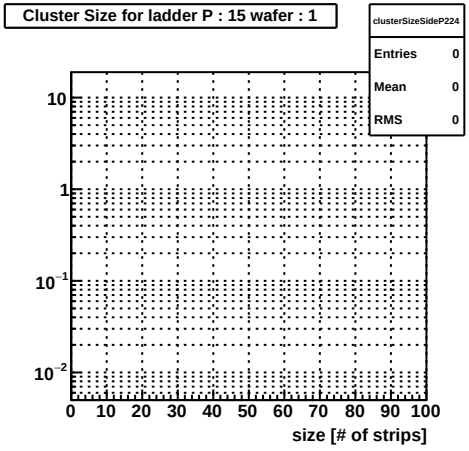

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 925
Mean 1.276
RMS 0.5943
size [# of strips]

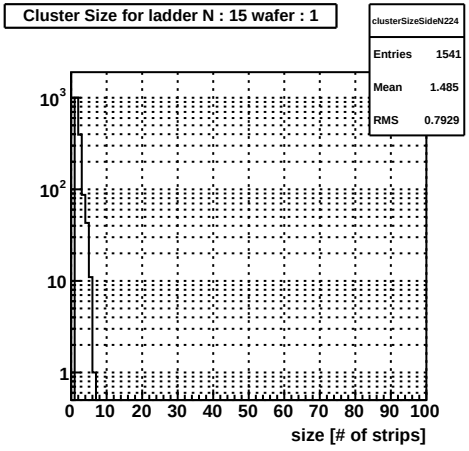

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 990
Mean 1.526
RMS 0.872
size [# of strips]

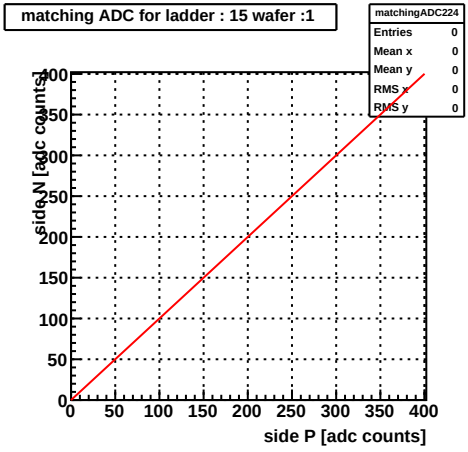

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 563
Mean x 88.41
Mean y 89.69
RMS x 65.04
RMS y 62.92
side N [adc counts]
side P [adc counts]

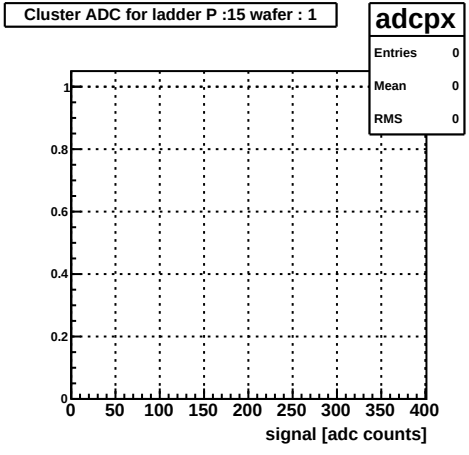

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 925
Mean 59.87
RMS 52.62
signal [adc counts]

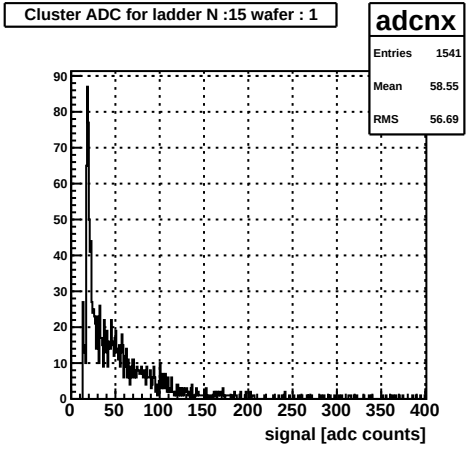

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 990
Mean 70.96
RMS 63.46
signal [adc counts]

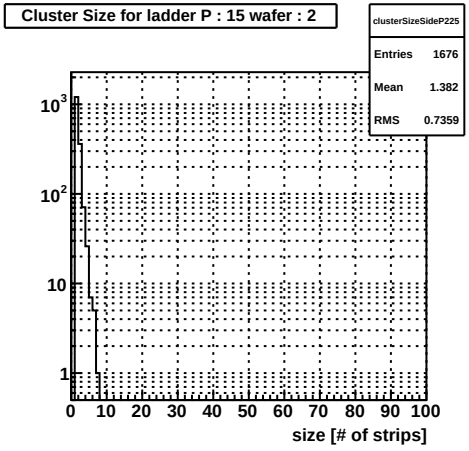

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

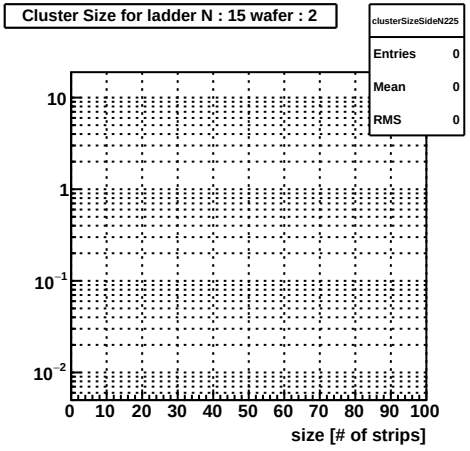

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 1541
Mean 1.485
RMS 0.7929
size [# of strips]

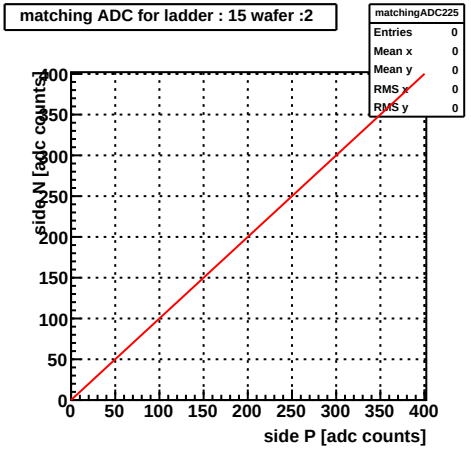

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

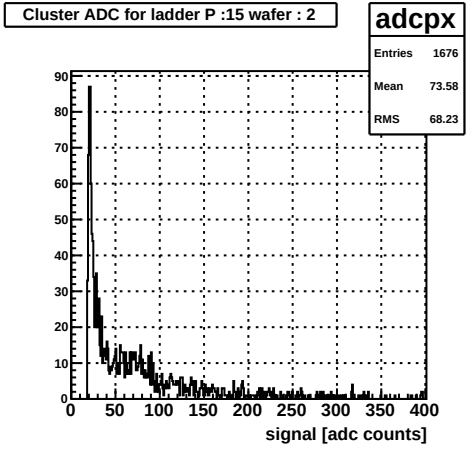

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

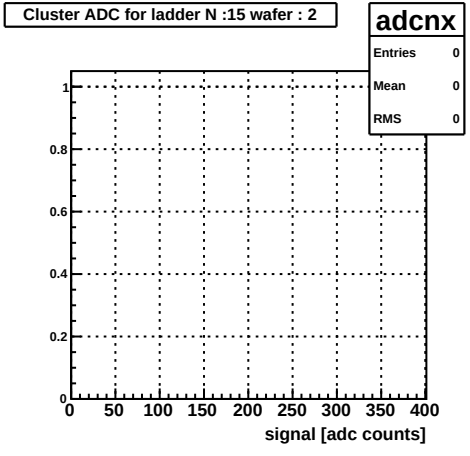

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 1541
Mean 58.55
RMS 56.69
signal [adc counts]

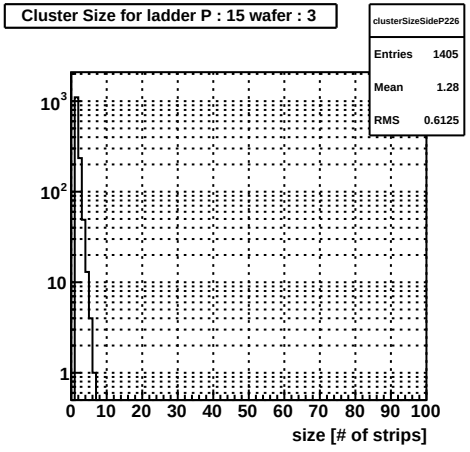

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 1676
Mean 1.382
RMS 0.7359
size [# of strips]

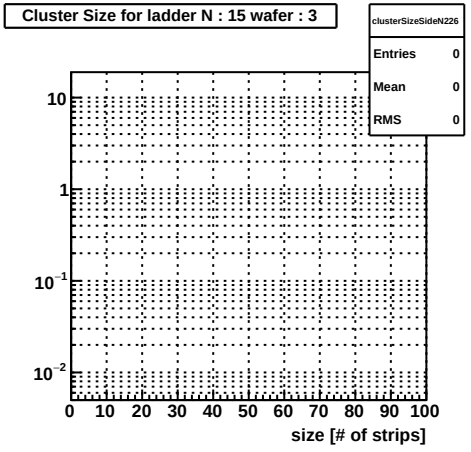

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

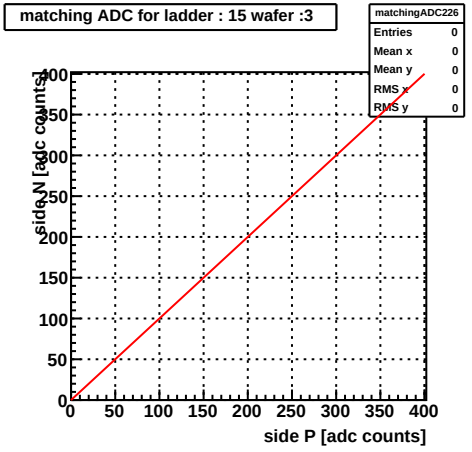

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

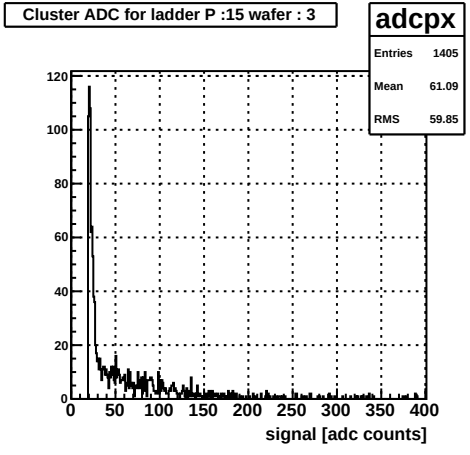

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 1676
Mean 73.58
RMS 68.23
signal [adc counts]

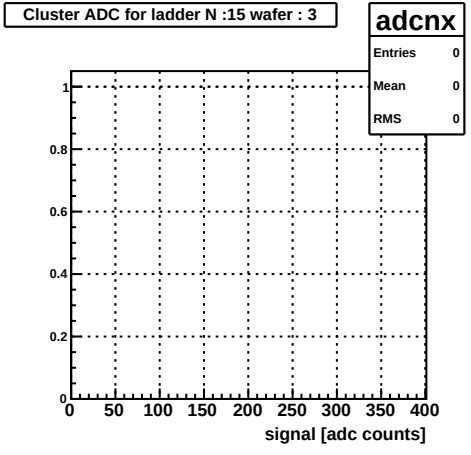

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

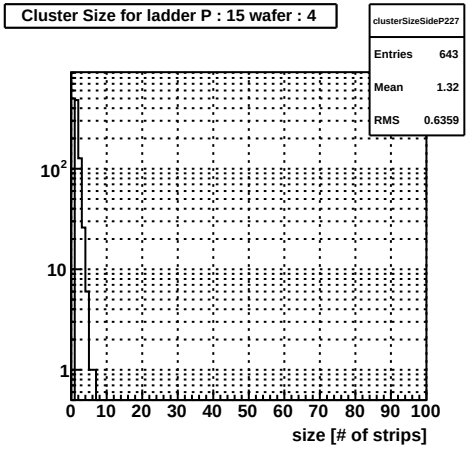

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 1405
Mean 1.28
RMS 0.6125
size [# of strips]

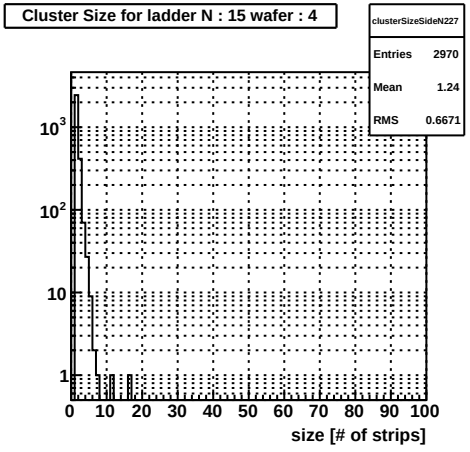

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

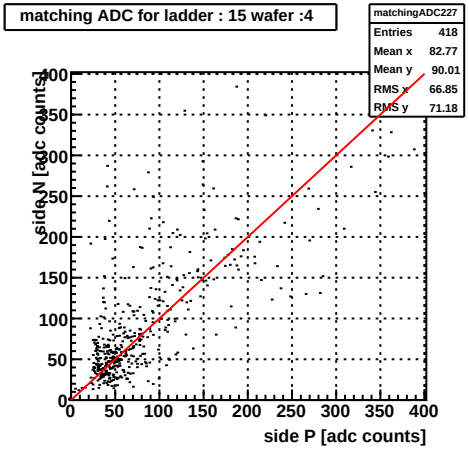

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

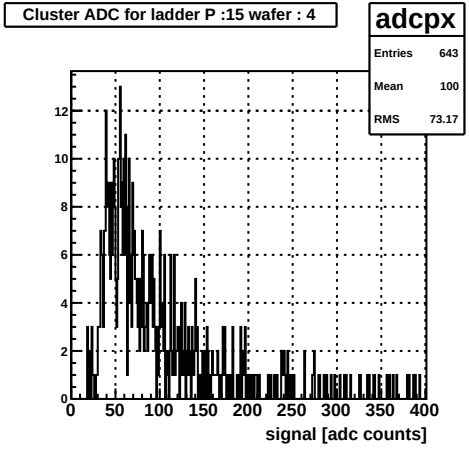

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 1405
Mean 61.09
RMS 59.85
signal [adc counts]

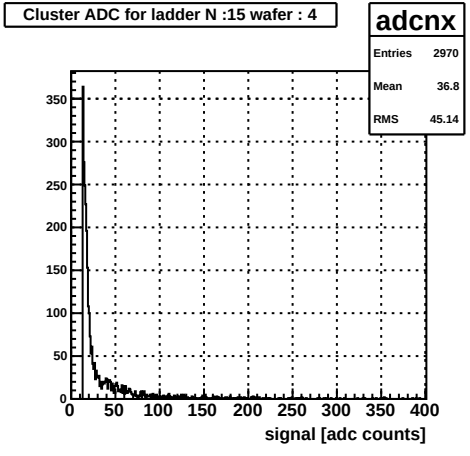

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

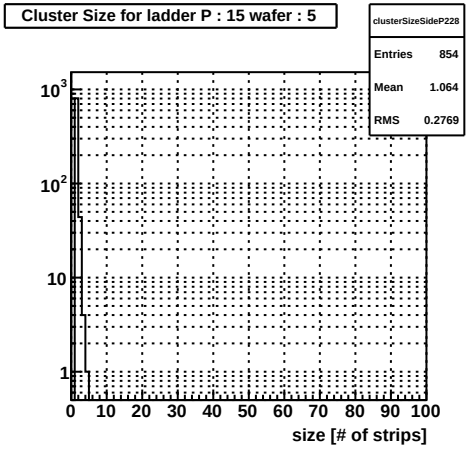

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 643
Mean 1.32
RMS 0.6359
size [# of strips]

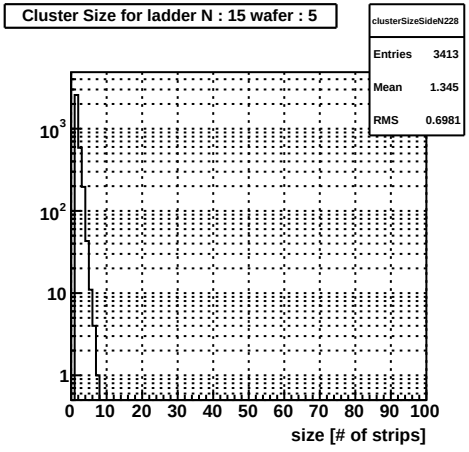

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 2970
Mean 1.24
RMS 0.6671
size [# of strips]

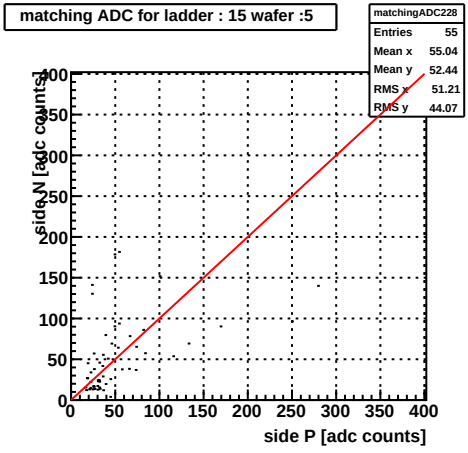

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 418
Mean x 82.77
Mean y 90.01
RMS x 66.85
RMS y 71.18
side N [adc counts]
side P [adc counts]

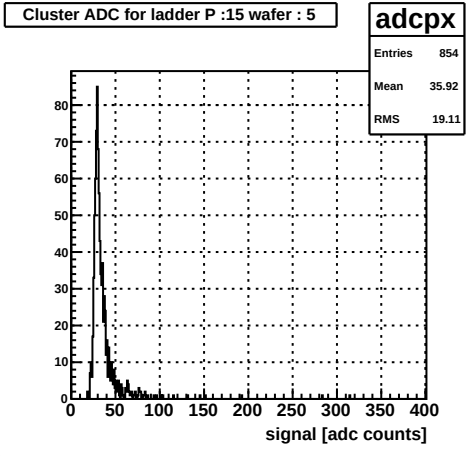

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 643
Mean 100
RMS 73.17
signal [adc counts]

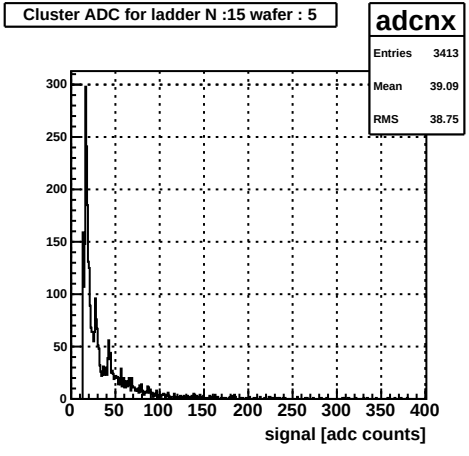

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 2970
Mean 36.8
RMS 45.14
signal [adc counts]

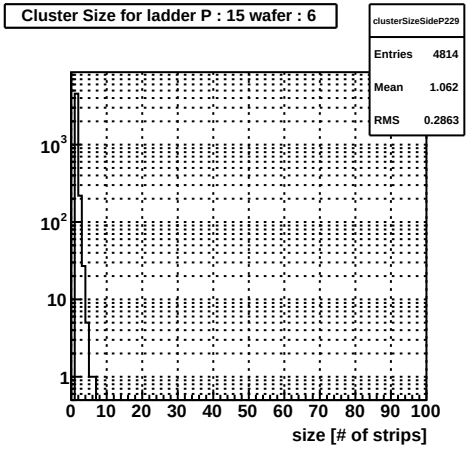

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 854
Mean 1.064
RMS 0.2769
size [# of strips]

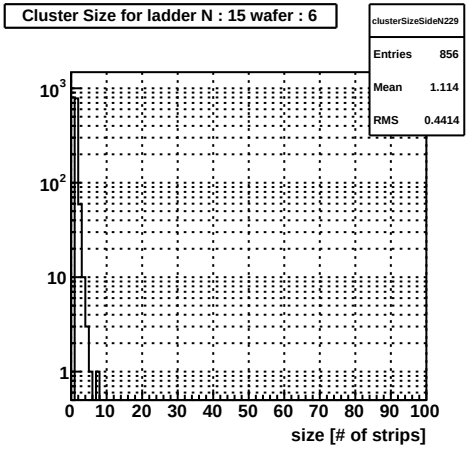

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 3413
Mean 1.345
RMS 0.6981
size [# of strips]

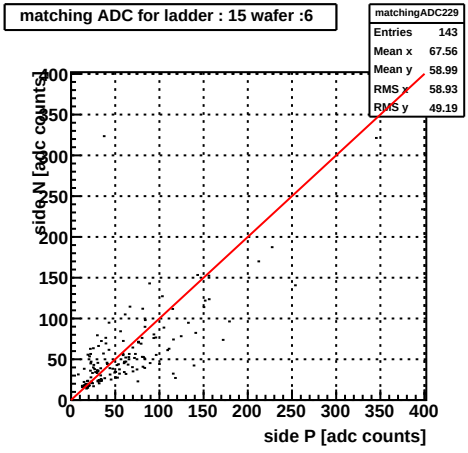

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 55
Mean x 55.04
Mean y 52.44
RMS x 51.21
RMS y 44.07
side N [adc counts]
side P [adc counts]

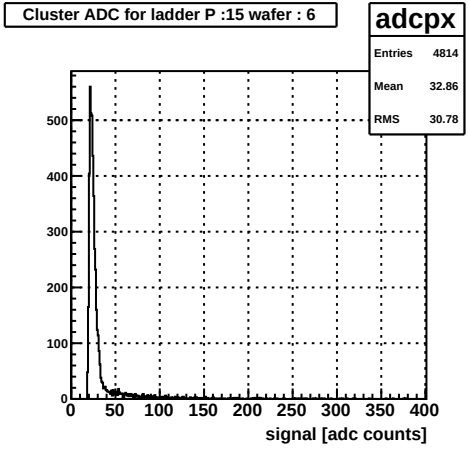

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 854
Mean 35.92
RMS 19.11
signal [adc counts]

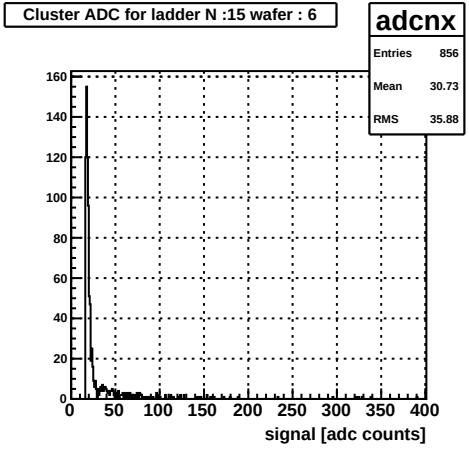

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 3413
Mean 39.09
RMS 38.75
signal [adc counts]

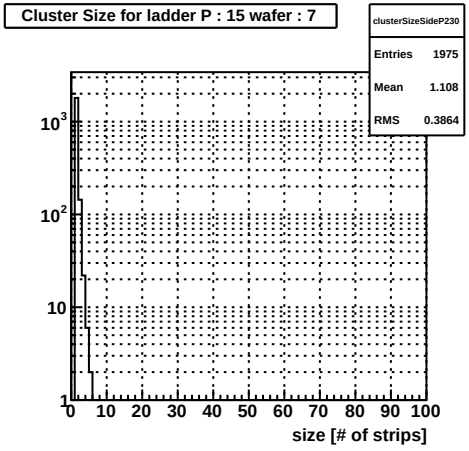

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 4814
Mean 1.062
RMS 0.2863
size [# of strips]

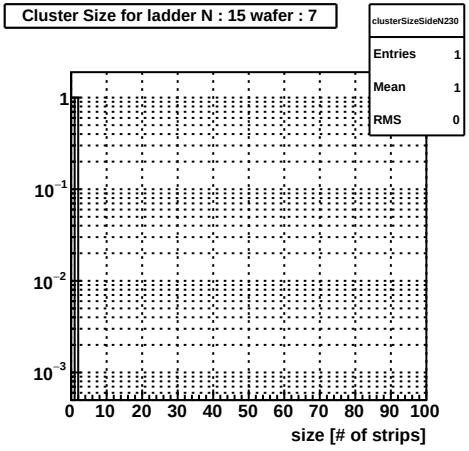

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 856
Mean 1.114
RMS 0.4414
size [# of strips]

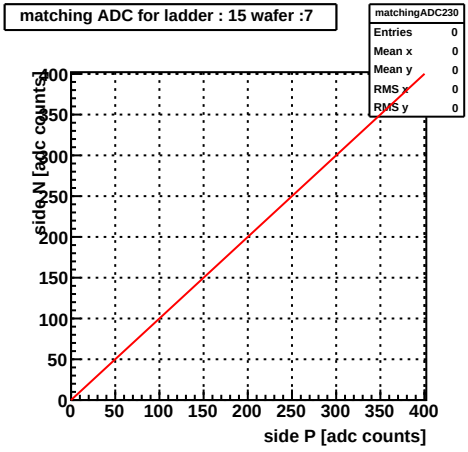

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 143
Mean x 67.56
Mean y 58.99
RMS x 58.93
RMS y 49.19
side N [adc counts]
side P [adc counts]

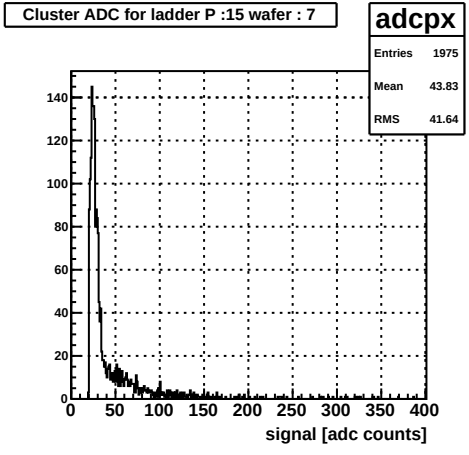

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 4814
Mean 32.86
RMS 30.78
signal [adc counts]

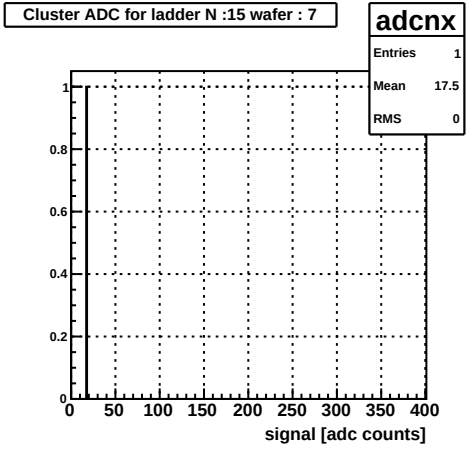

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 856
Mean 30.73
RMS 35.88
signal [adc counts]

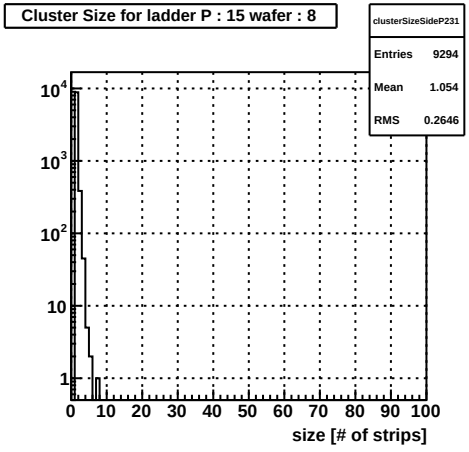

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 1975
Mean 1.108
RMS 0.3864
size [# of strips]

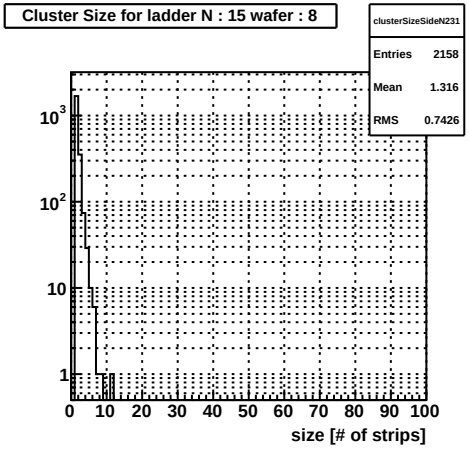

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 1
Mean 1
RMS 0
size [# of strips]

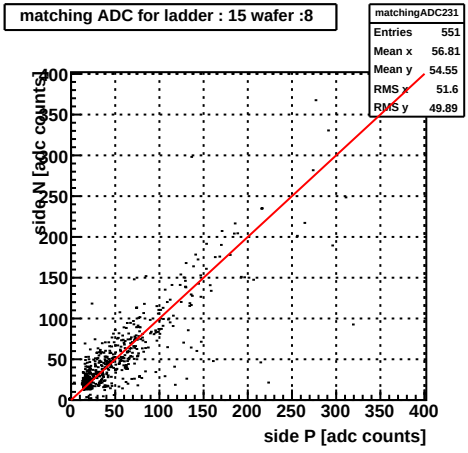

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

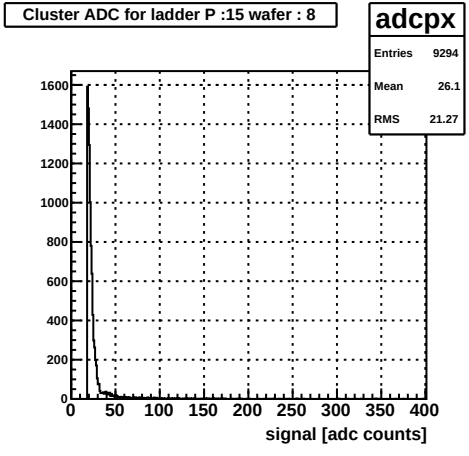

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 1975
Mean 43.83
RMS 41.64
signal [adc counts]

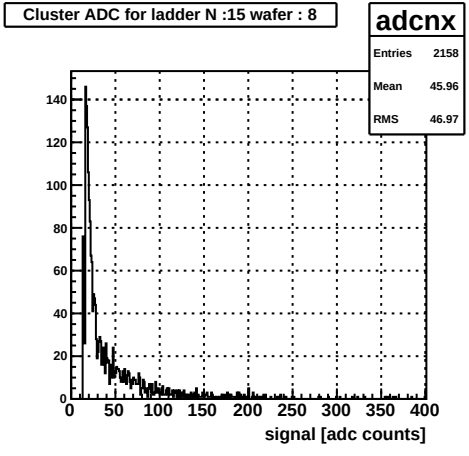

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 1
Mean 17.5
RMS 0
signal [adc counts]

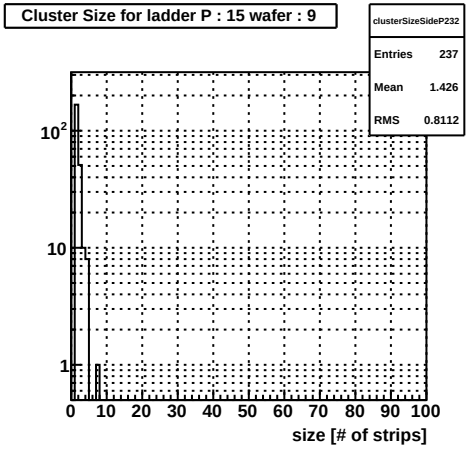

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 9294
Mean 1.054
RMS 0.2646
size [# of strips]

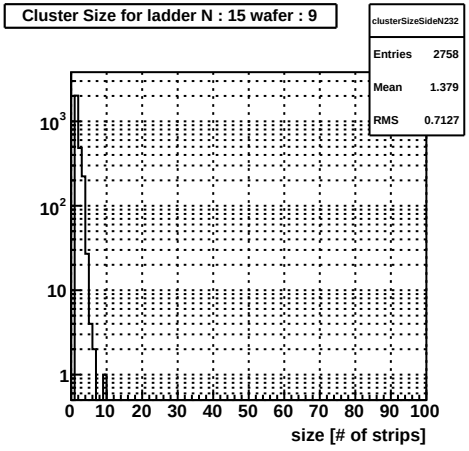

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 2158
Mean 1.316
RMS 0.7426
size [# of strips]

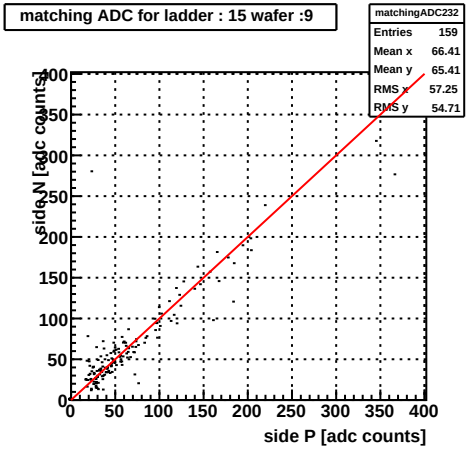

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 551
Mean x 56.81
Mean y 54.55
RMS x 51.6
RMS y 49.89
side N [adc counts]
side P [adc counts]

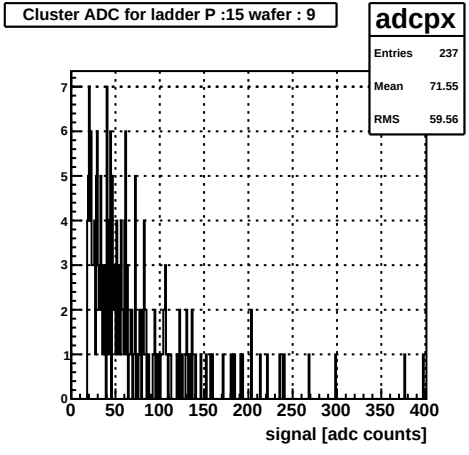

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 9294
Mean 26.1
RMS 21.27
signal [adc counts]

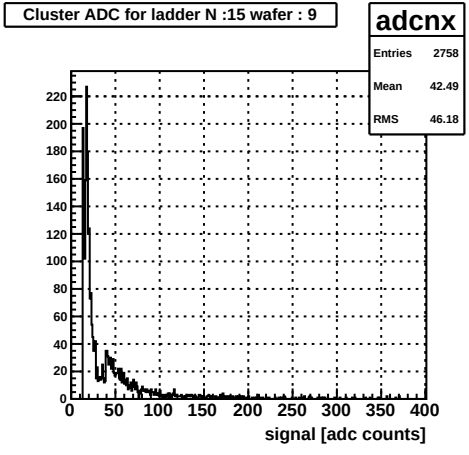

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 2158
Mean 45.96
RMS 46.97
signal [adc counts]

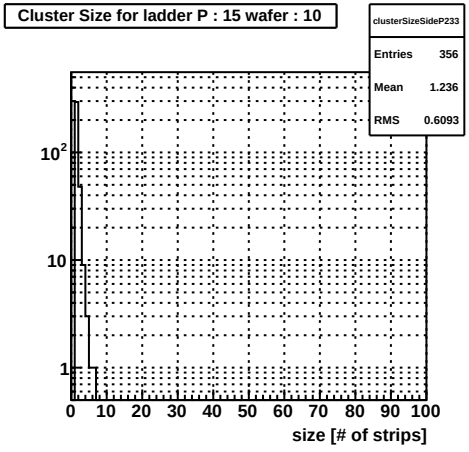

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 237
Mean 1.426
RMS 0.8112
size [# of strips]

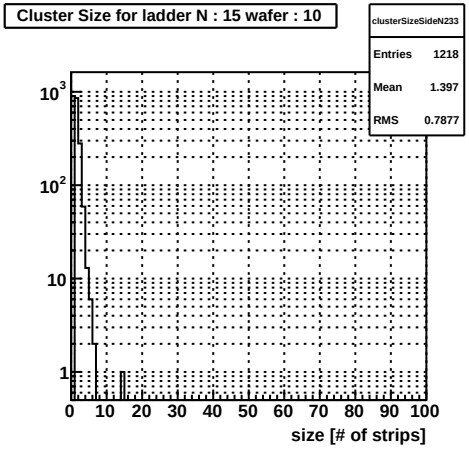

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 2758
Mean 1.379
RMS 0.7127
size [# of strips]

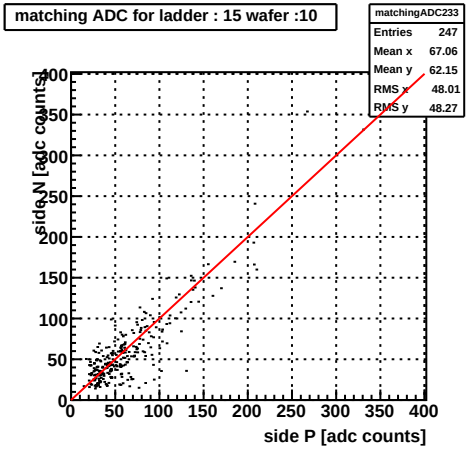

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 159
Mean x 66.41
Mean y 65.41
RMS x 57.25
RMS y 54.71
side N [adc counts]
side P [adc counts]

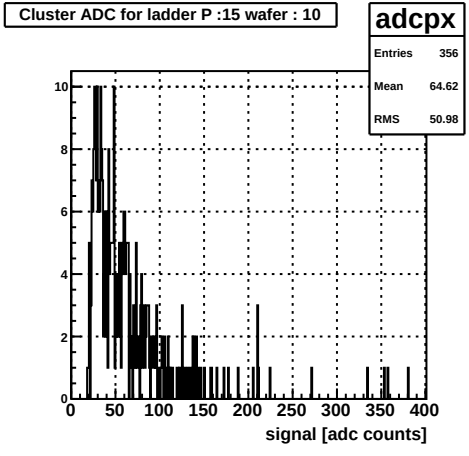

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 237
Mean 71.55
RMS 59.56
signal [adc counts]

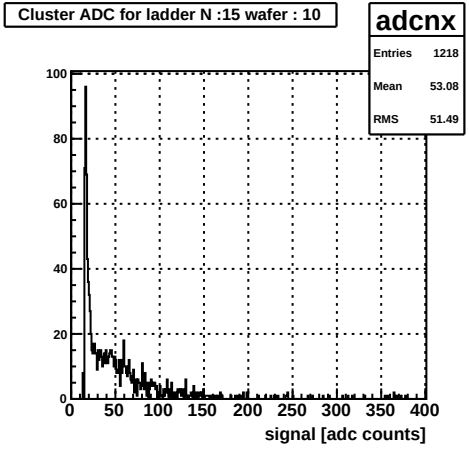

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 2758
Mean 42.49
RMS 46.18
signal [adc counts]

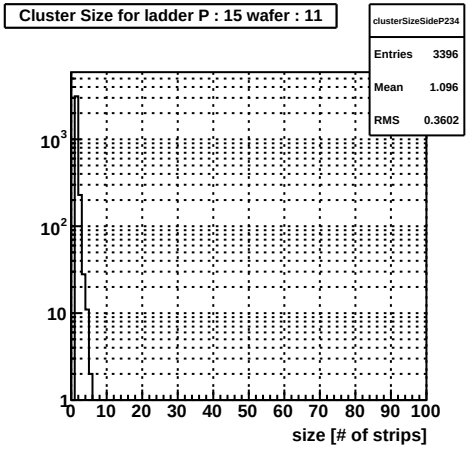

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 356
Mean 1.236
RMS 0.6093
size [# of strips]

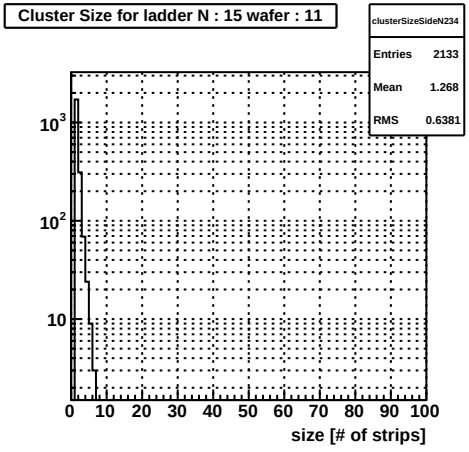

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1218
Mean 1.397
RMS 0.7877
size [# of strips]

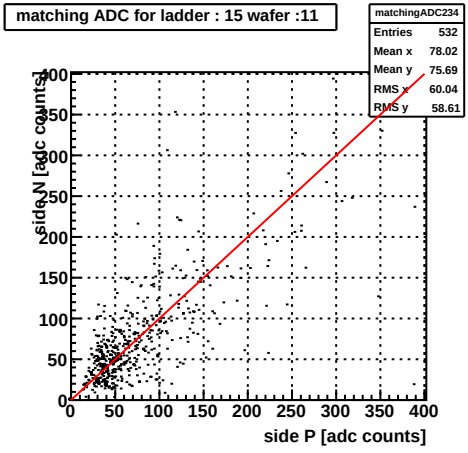

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 247
Mean x 67.06
Mean y 62.15
RMS x 48.01
RMS y 48.27
side N [adc counts]
side P [adc counts]

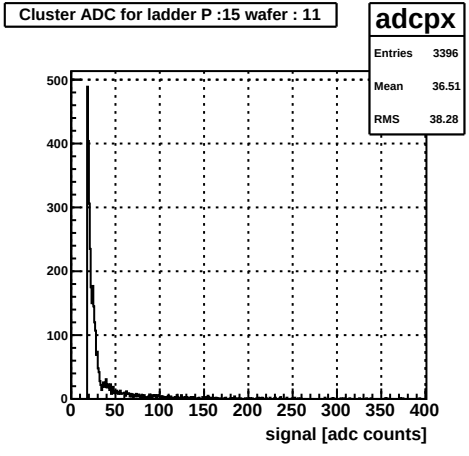

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 356
Mean 64.62
RMS 50.98
signal [adc counts]

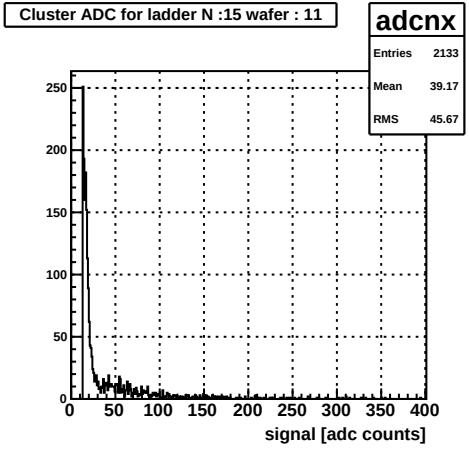

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1218
Mean 53.08
RMS 51.49
signal [adc counts]

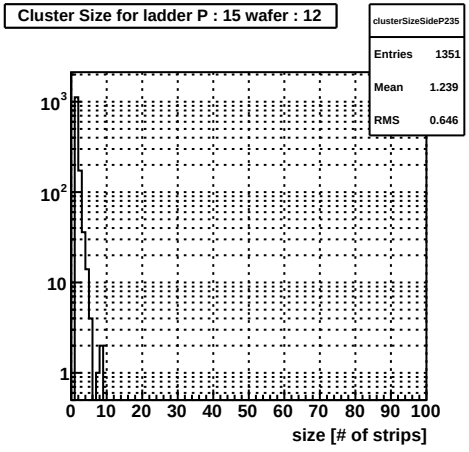

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 3396
Mean 1.096
RMS 0.3602
size [# of strips]

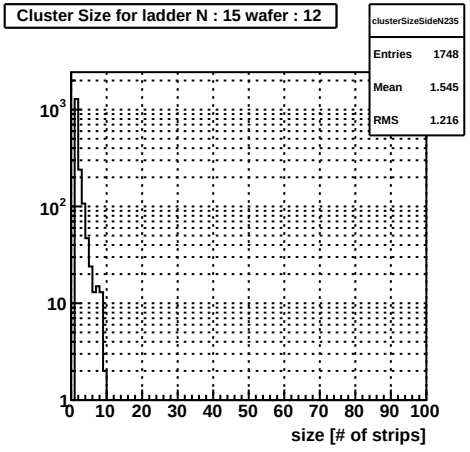

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 2133
Mean 1.268
RMS 0.6381
size [# of strips]

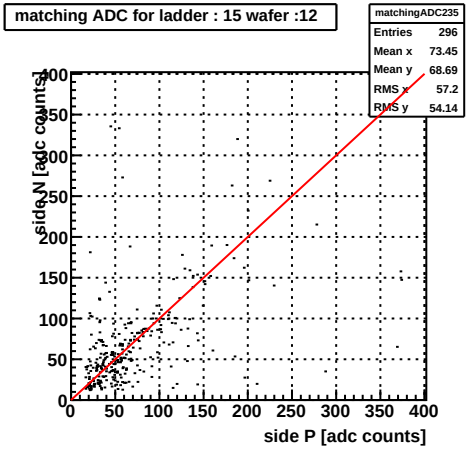

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 532
Mean x 78.02
Mean y 75.69
RMS x 60.04
RMS y 58.61
side N [adc counts]
side P [adc counts]

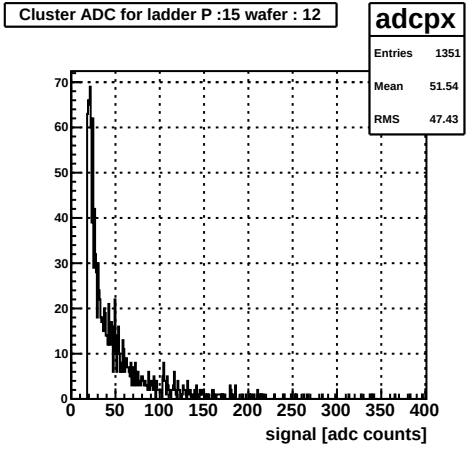

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 3396
Mean 36.51
RMS 38.28
signal [adc counts]

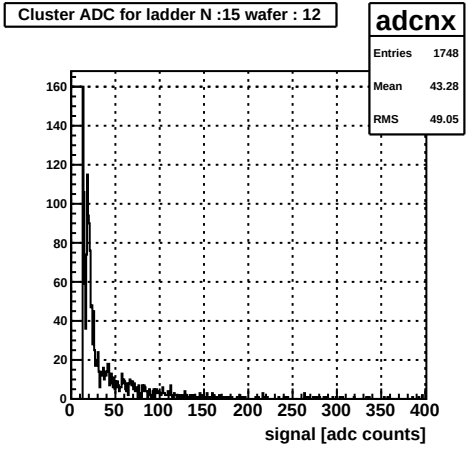

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 2133
Mean 39.17
RMS 45.67
signal [adc counts]

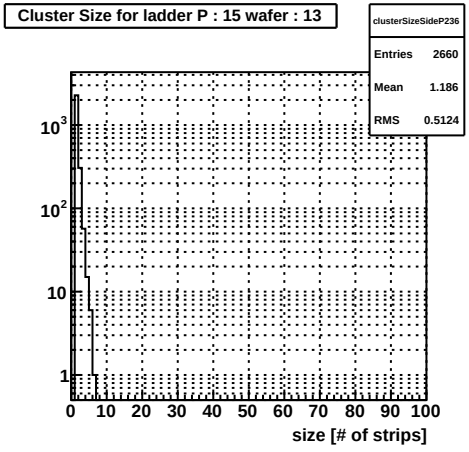

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1351
Mean 1.239
RMS 0.646
size [# of strips]

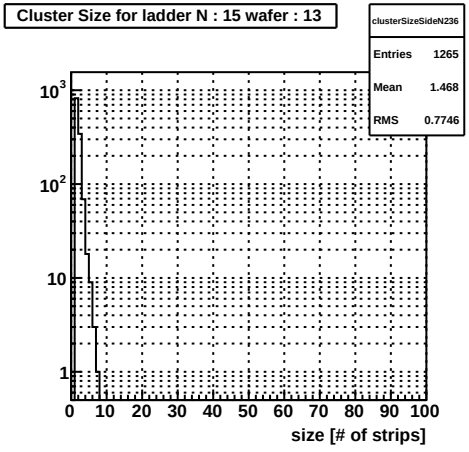

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 1748
Mean 1.545
RMS 1.216
size [# of strips]

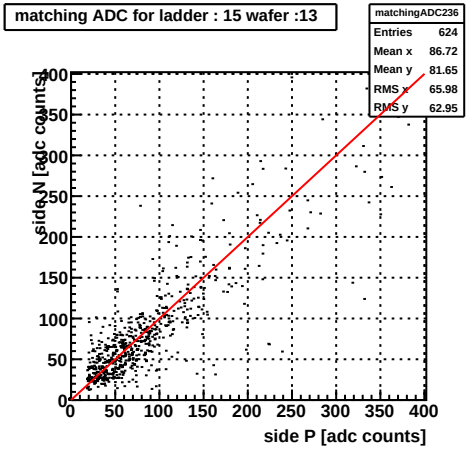

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 296
Mean x 73.45
Mean y 68.69
RMS x 57.2
RMS y 54.14
side N [adc counts]
side P [adc counts]

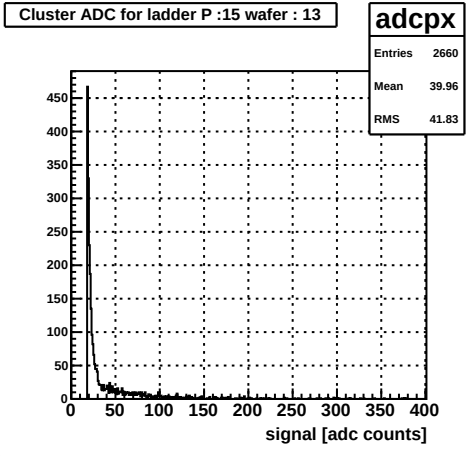

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1351
Mean 51.54
RMS 47.43
signal [adc counts]

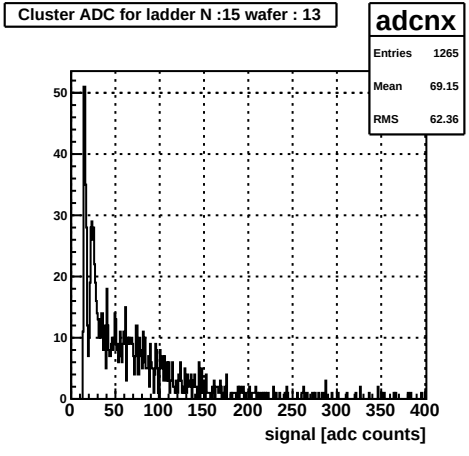

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 1748
Mean 43.28
RMS 49.05
signal [adc counts]

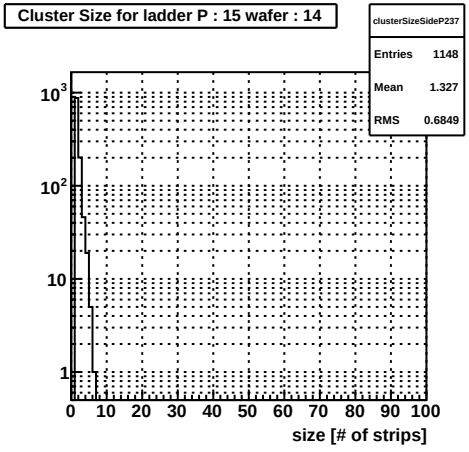

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 2660
Mean 1.186
RMS 0.5124
size [# of strips]

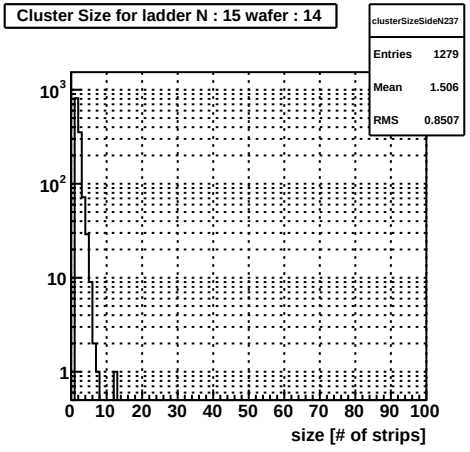

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1265
Mean 1.468
RMS 0.7746
size [# of strips]

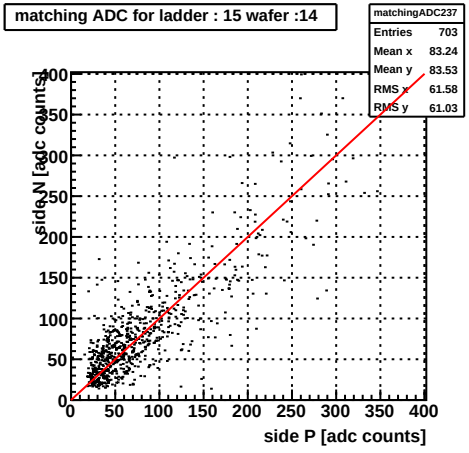

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 624
Mean x 86.72
Mean y 81.65
RMS x 65.98
RMS y 62.95
side N [adc counts]
side P [adc counts]

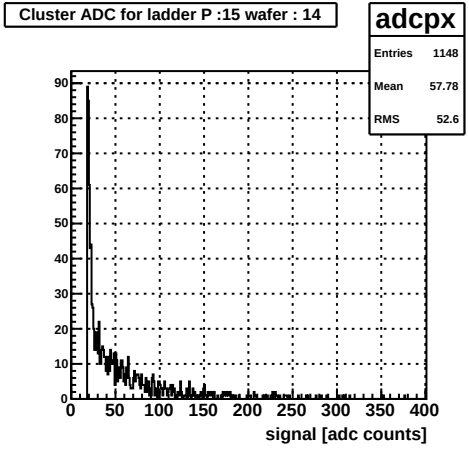

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 2660
Mean 39.96
RMS 41.83
signal [adc counts]

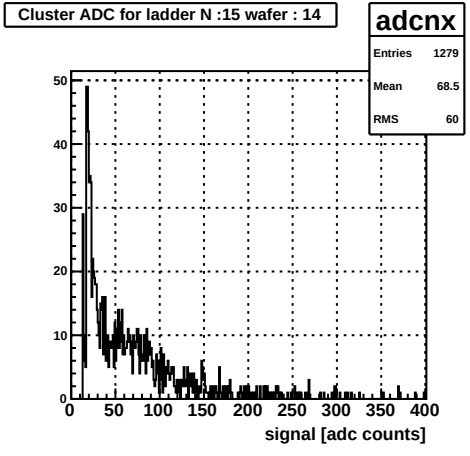

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1265
Mean 69.15
RMS 62.36
signal [adc counts]

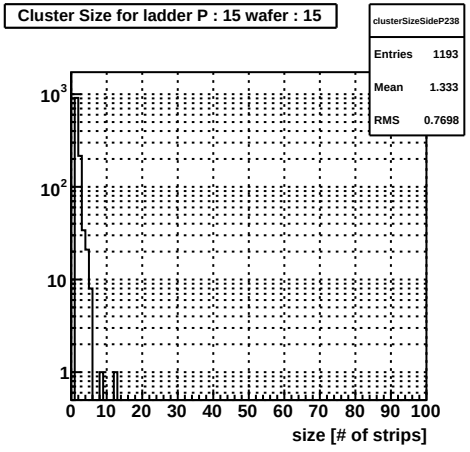

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 1148
Mean 1.327
RMS 0.6849
size [# of strips]

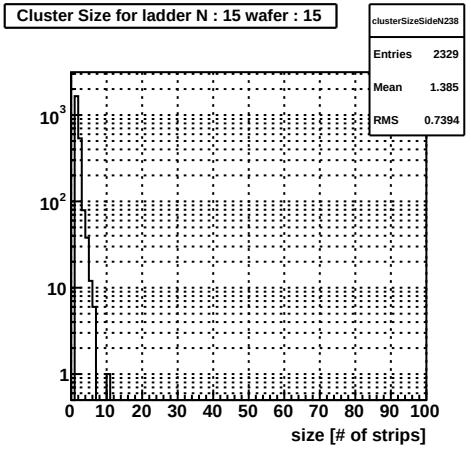

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1279
Mean 1.506
RMS 0.8507
size [# of strips]

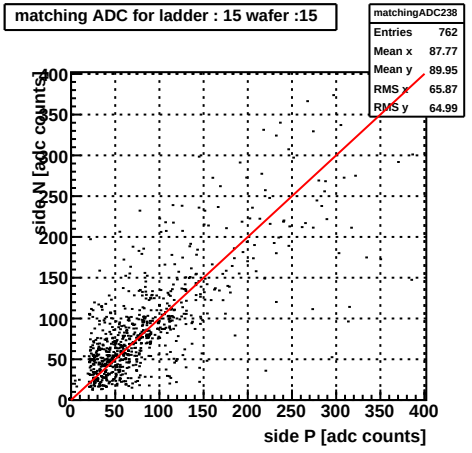

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 703
Mean x 83.24
Mean y 83.53
RMS x 61.58
RMS y 61.03
side N [adc counts]
side P [adc counts]

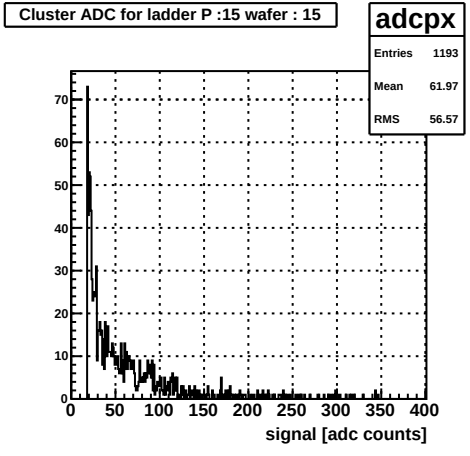

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 1148
Mean 57.78
RMS 52.6
signal [adc counts]

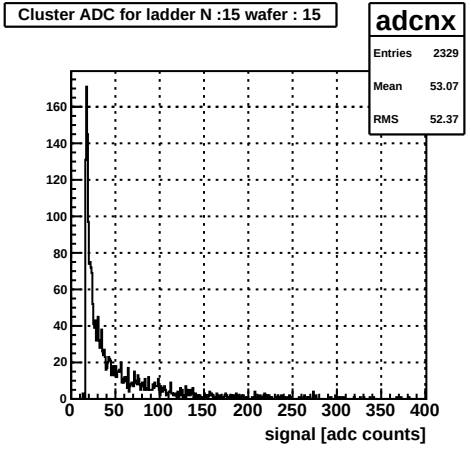

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1279
Mean 68.5
RMS 60
signal [adc counts]

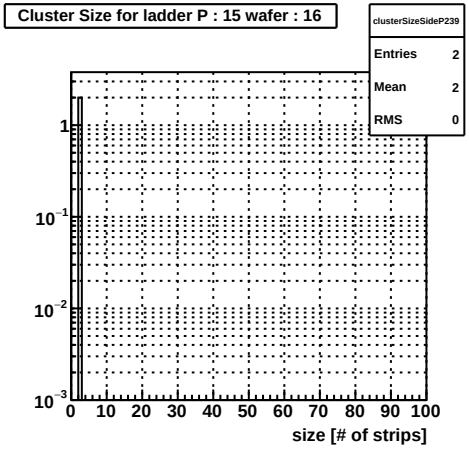

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1193
Mean 1.333
RMS 0.7698
size [# of strips]

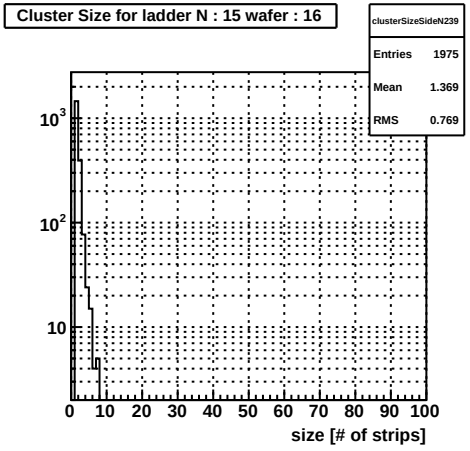

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 2329
Mean 1.385
RMS 0.7394
size [# of strips]

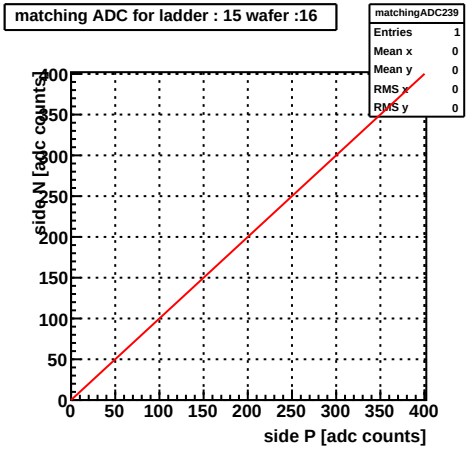

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 762
Mean x 87.77
Mean y 89.95
RMS x 65.87
RMS y 64.99
side N [adc counts]
side P [adc counts]

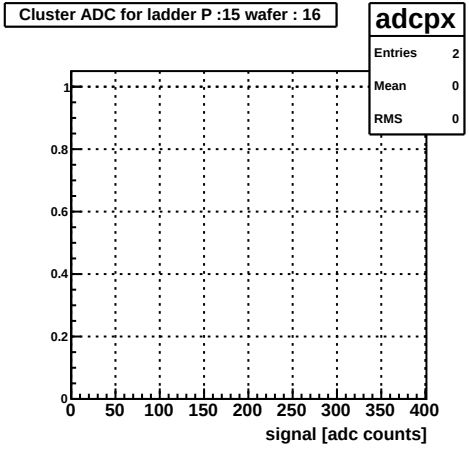

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1193
Mean 61.97
RMS 56.57
signal [adc counts]

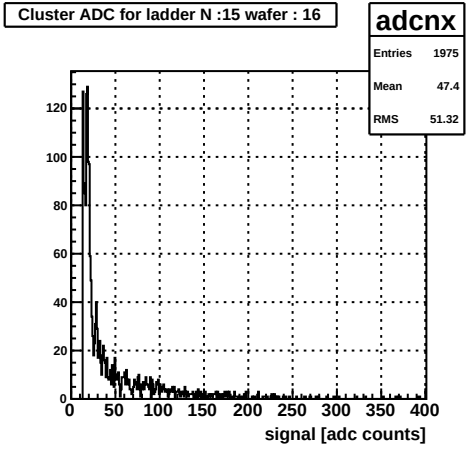

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 2329
Mean 53.07
RMS 52.37
signal [adc counts]

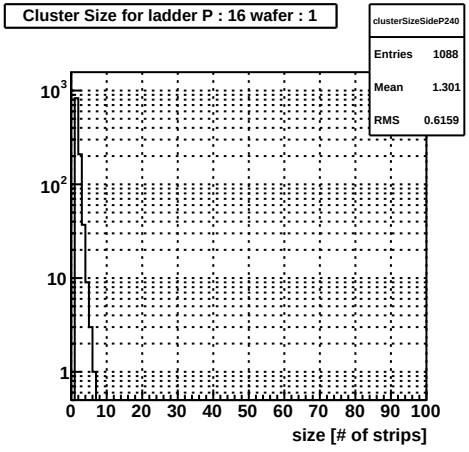

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 2
Mean 2
RMS 0
size [# of strips]

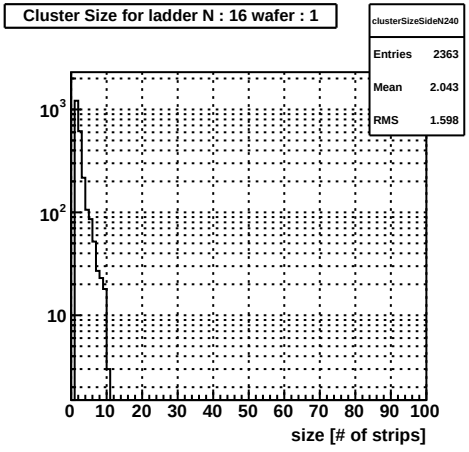

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 1975
Mean 1.369
RMS 0.769
size [# of strips]

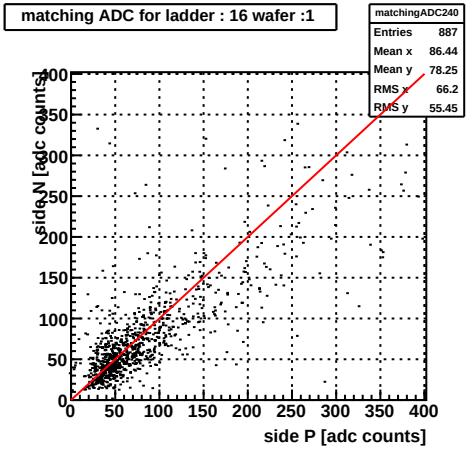

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

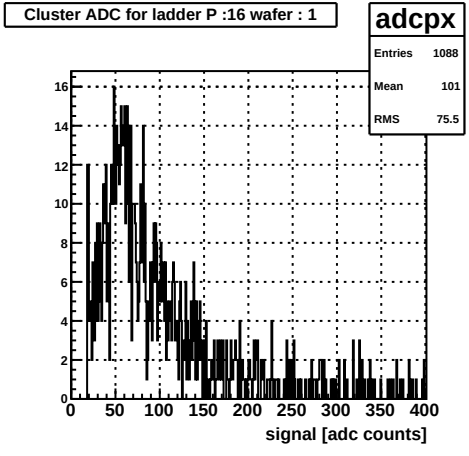

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

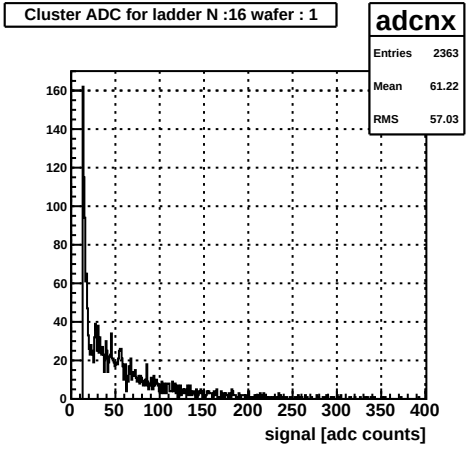

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 1975
Mean 47.4
RMS 51.32
signal [adc counts]

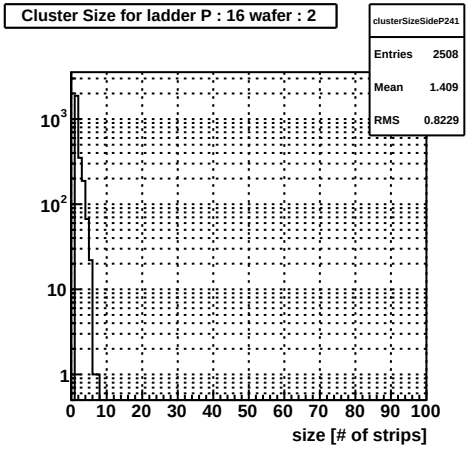

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 1088
Mean 1.301
RMS 0.6159
size [# of strips]

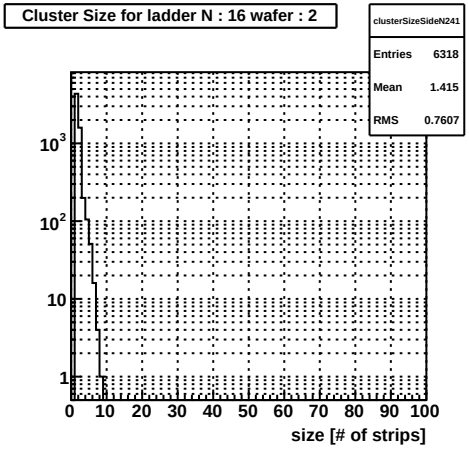

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 2363
Mean 2.043
RMS 1.598
size [# of strips]

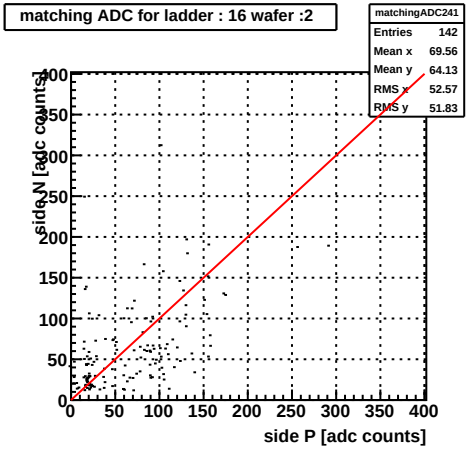

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 887
Mean x 86.44
Mean y 78.25
RMS x 66.2
RMS y 55.45
side N [adc counts]
side P [adc counts]

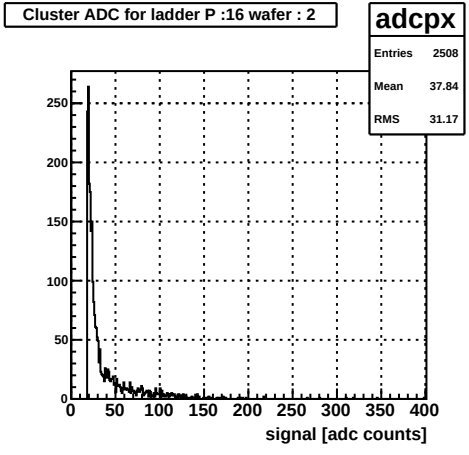

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 1088
Mean 101
RMS 75.5
signal [adc counts]

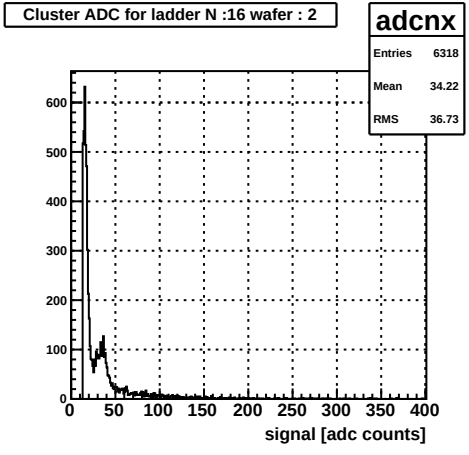

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 2363
Mean 61.22
RMS 57.03
signal [adc counts]

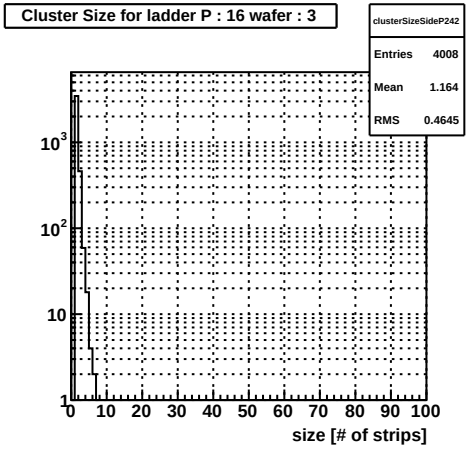

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 2508
Mean 1.409
RMS 0.8229
size [# of strips]

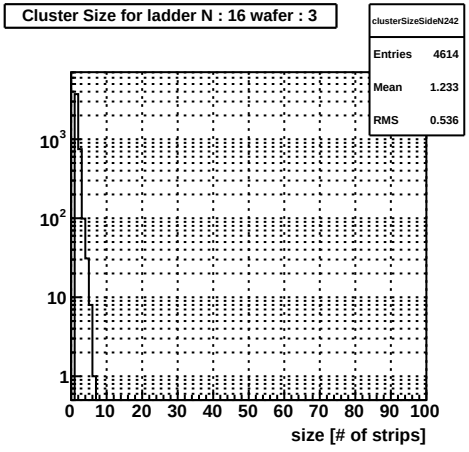

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 6318
Mean 1.415
RMS 0.7607
size [# of strips]

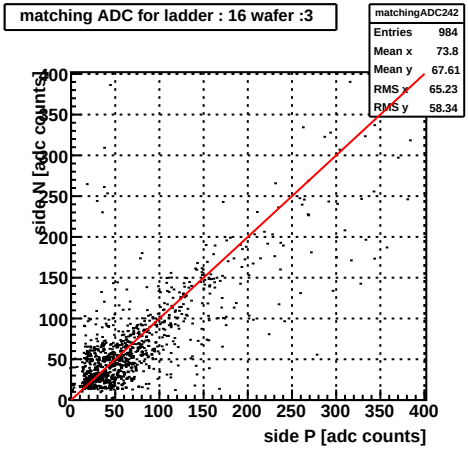

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 142
Mean x 69.56
Mean y 64.13
RMS x 52.57
RMS y 51.83
side N [adc counts]
side P [adc counts]

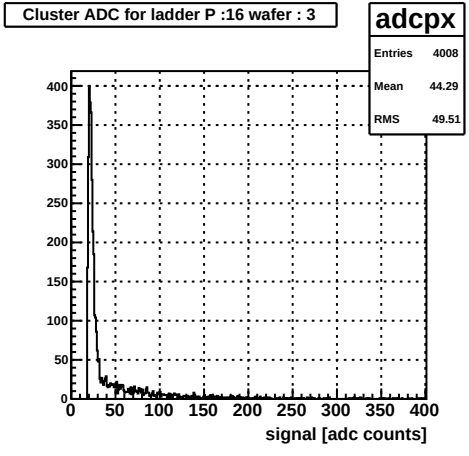

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 2508
Mean 37.84
RMS 31.17
signal [adc counts]

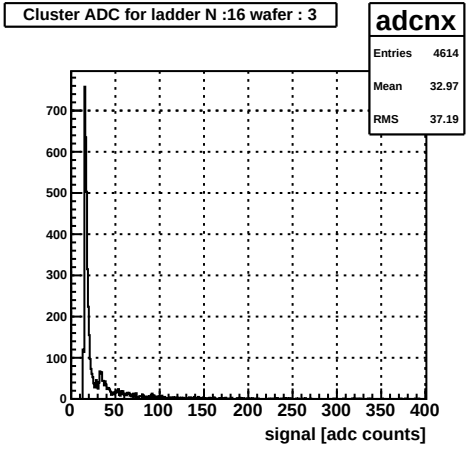

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 6318
Mean 34.22
RMS 36.73
signal [adc counts]

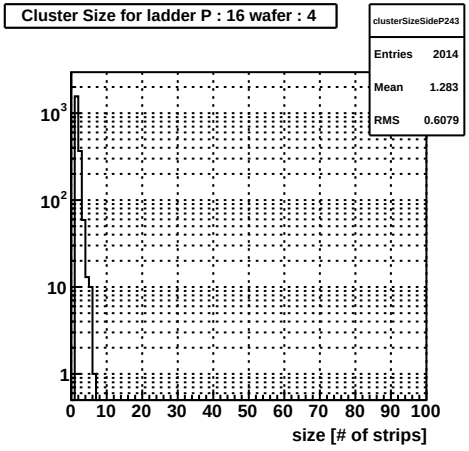

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 4008
Mean 1.164
RMS 0.4645
size [# of strips]

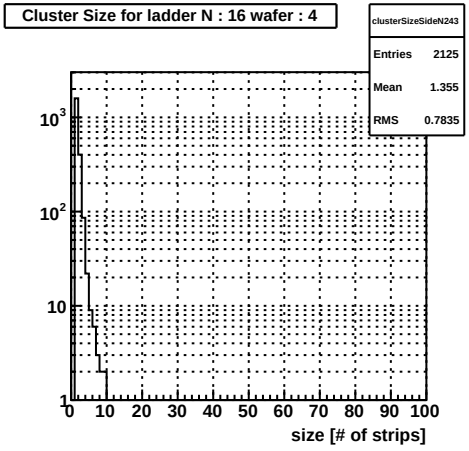

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 4614
Mean 1.233
RMS 0.536
size [# of strips]

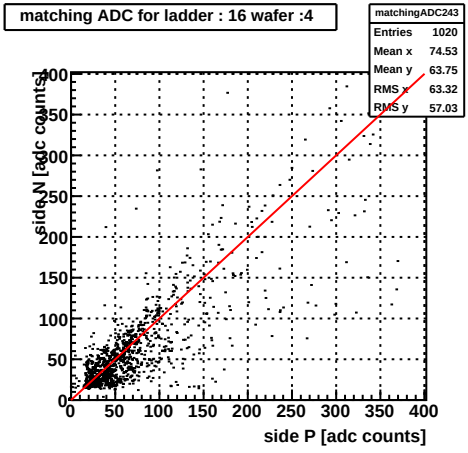

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 984
Mean x 73.8
Mean y 67.61
RMS x 65.23
RMS y 58.34
side N [adc counts]
side P [adc counts]

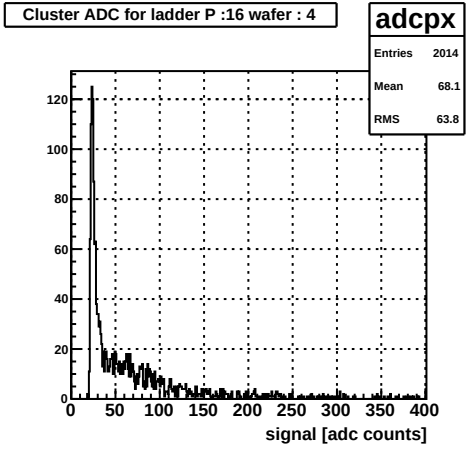

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 4008
Mean 44.29
RMS 49.51
signal [adc counts]

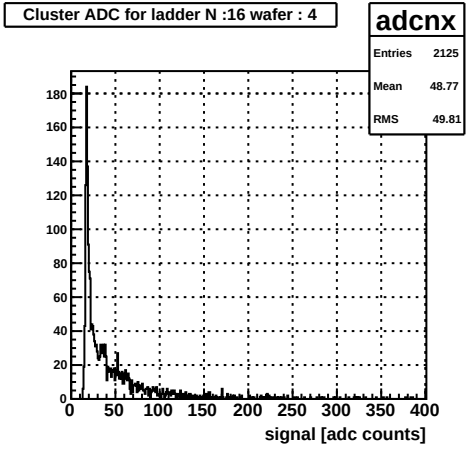

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 4614
Mean 32.97
RMS 37.19
signal [adc counts]

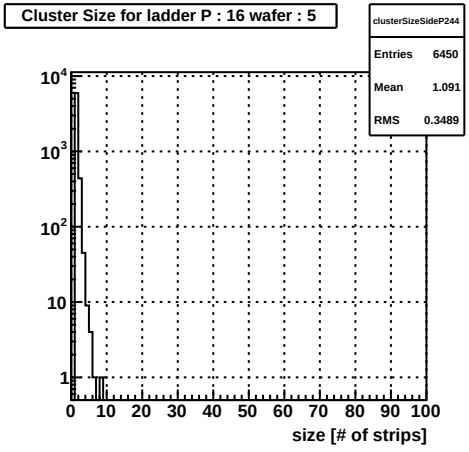

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 2014
Mean 1.283
RMS 0.6079
size [# of strips]

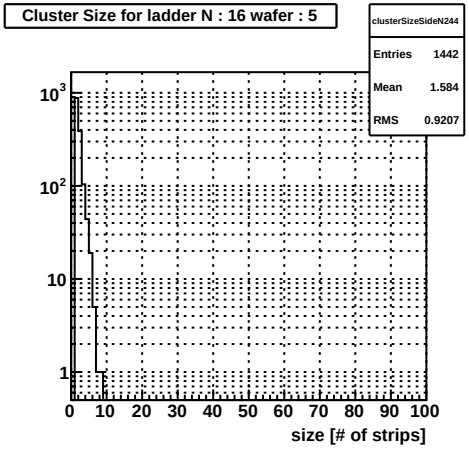

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 2125
Mean 1.355
RMS 0.7835
size [# of strips]

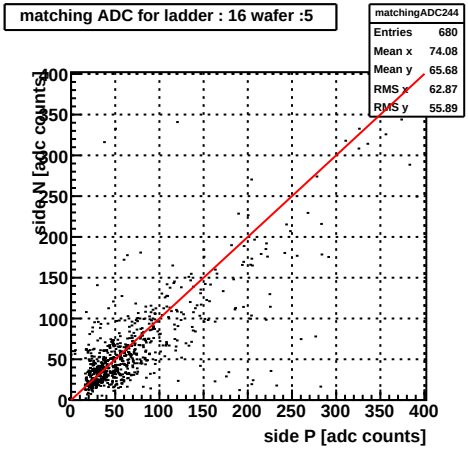

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1020
Mean x 74.53
Mean y 63.75
RMS x 63.32
RMS y 57.03
side N [adc counts]
side P [adc counts]

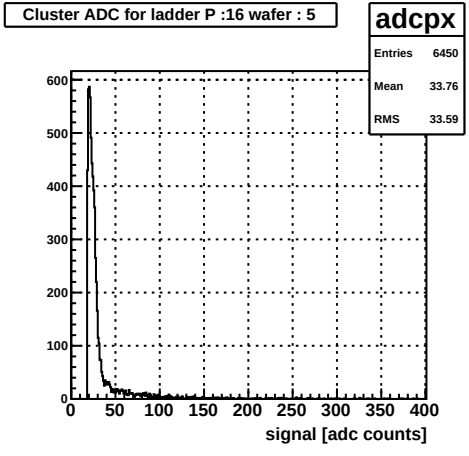

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 2014
Mean 68.1
RMS 63.8
signal [adc counts]

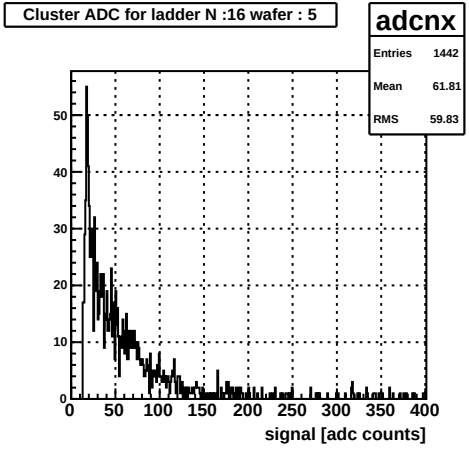

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 2125
Mean 48.77
RMS 49.81
signal [adc counts]

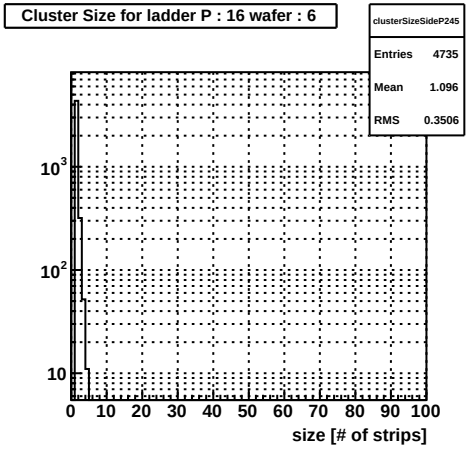

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 6450
Mean 1.091
RMS 0.3489
size [# of strips]

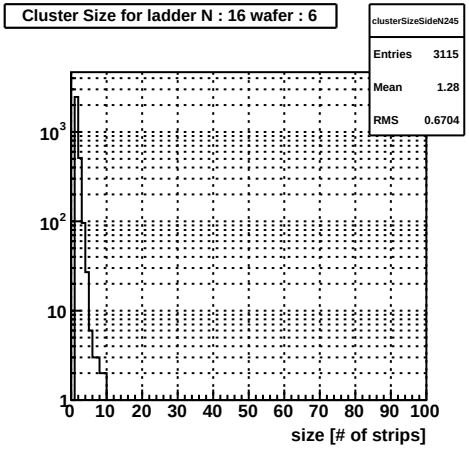

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 1442
Mean 1.584
RMS 0.9207
size [# of strips]

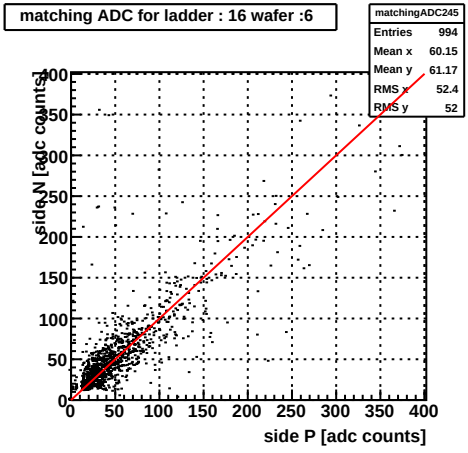

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 680
Mean x 74.08
Mean y 65.68
RMS x 62.87
RMS y 55.89
side N [adc counts]
side P [adc counts]

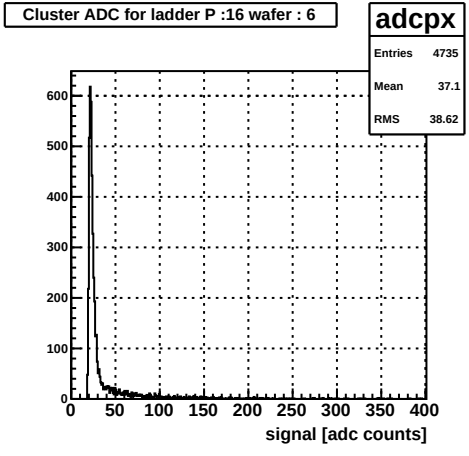

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 6450
Mean 33.76
RMS 33.59
signal [adc counts]

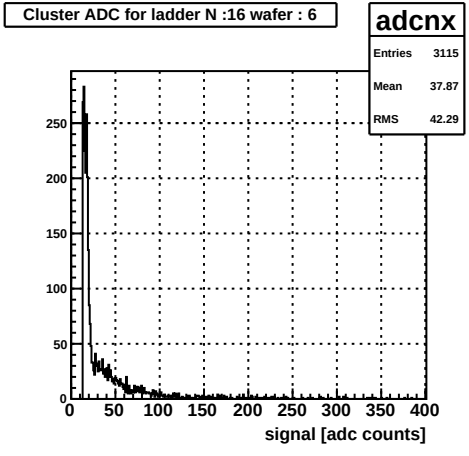

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 1442
Mean 61.81
RMS 59.83
signal [adc counts]

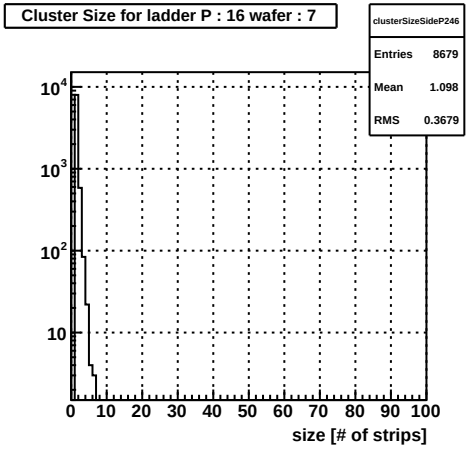

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 4735
Mean 1.096
RMS 0.3506
size [# of strips]

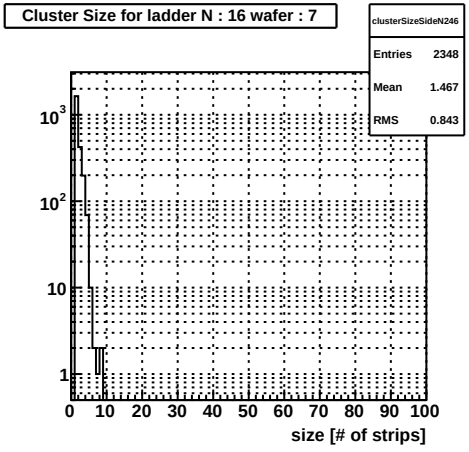

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 3115
Mean 1.28
RMS 0.6704
size [# of strips]

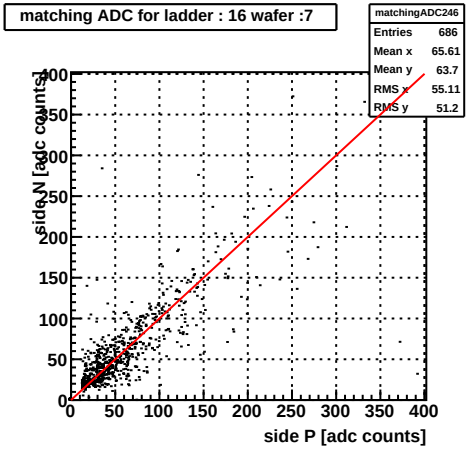

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 994
Mean x 60.15
Mean y 61.17
RMS x 52.4
RMS y 52
side N [adc counts]
side P [adc counts]

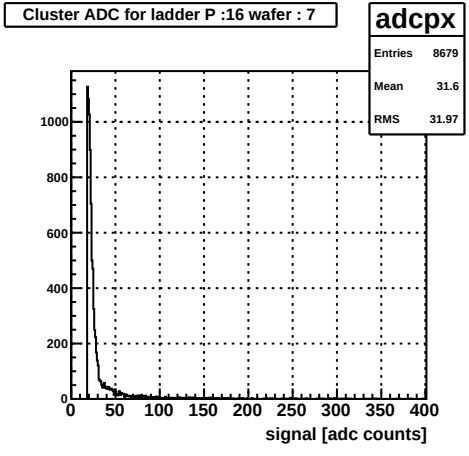

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 4735
Mean 37.1
RMS 38.62
signal [adc counts]

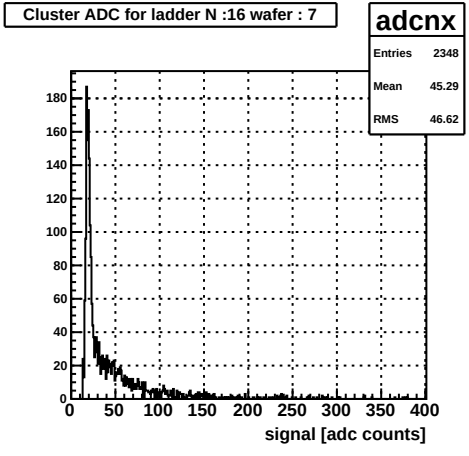

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 3115
Mean 37.87
RMS 42.29
signal [adc counts]

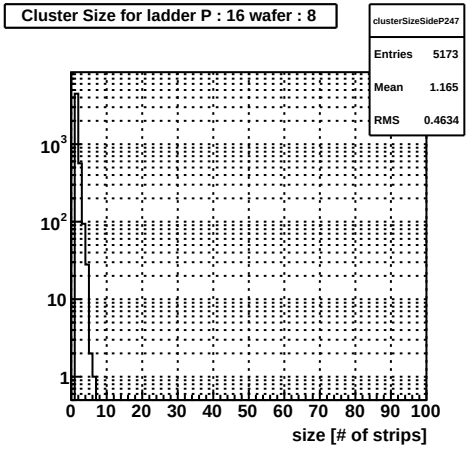

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 8679
Mean 1.098
RMS 0.3679
size [# of strips]

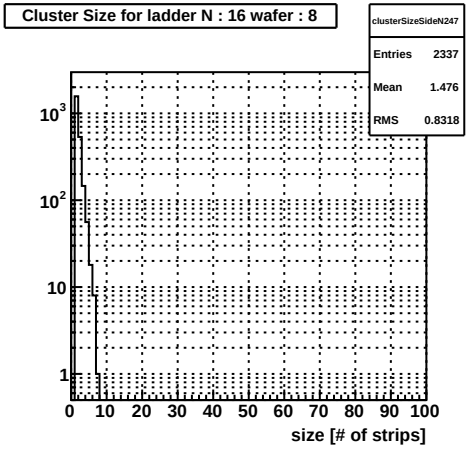

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 2348
Mean 1.467
RMS 0.843
size [# of strips]

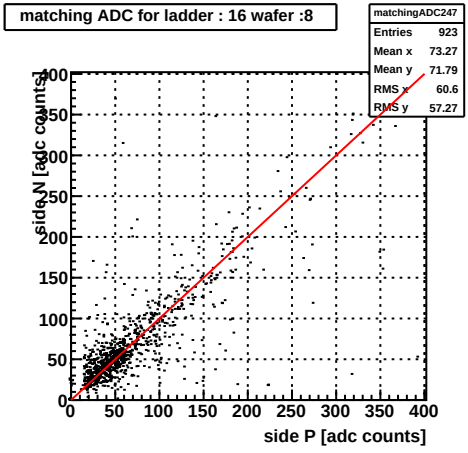

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 686
Mean x 65.61
Mean y 63.7
RMS x 55.11
RMS y 51.2
side N [adc counts]
side P [adc counts]

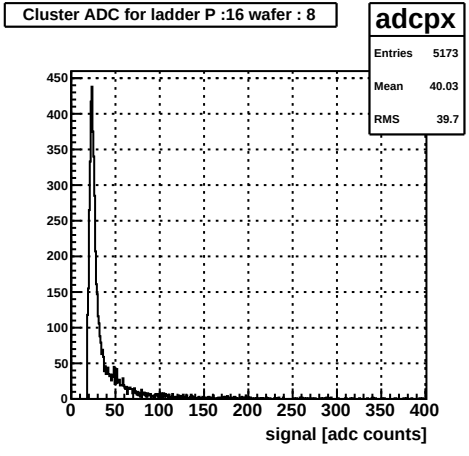

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 8679
Mean 31.6
RMS 31.97
signal [adc counts]

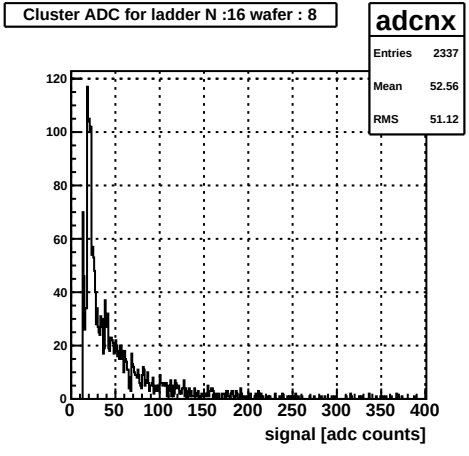

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 2348
Mean 45.29
RMS 46.62
signal [adc counts]

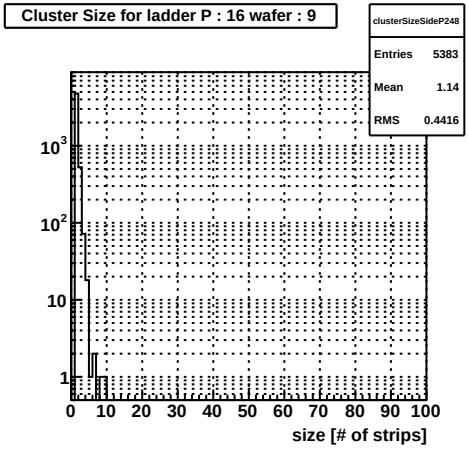

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 5173
Mean 1.165
RMS 0.4634
size [# of strips]

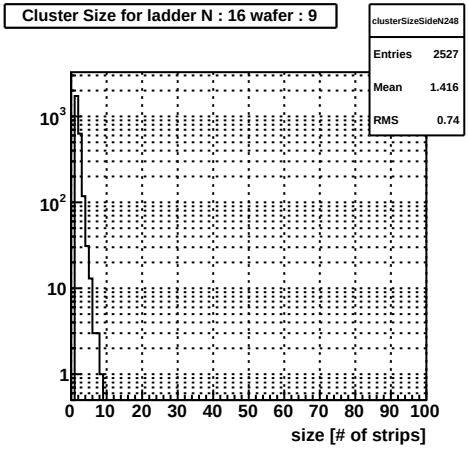

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2337
Mean 1.476
RMS 0.8318
size [# of strips]

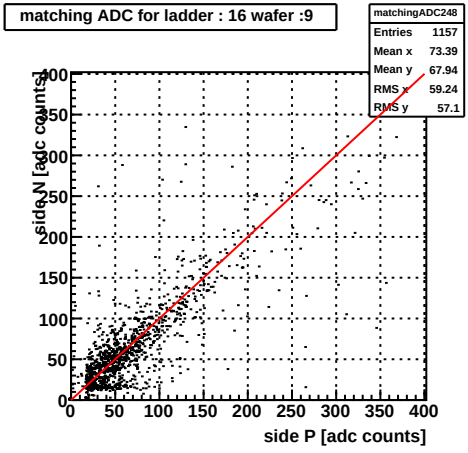

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 923
Mean x 73.27
Mean y 71.79
RMS x 60.6
RMS y 57.27
side N [adc counts]
side P [adc counts]

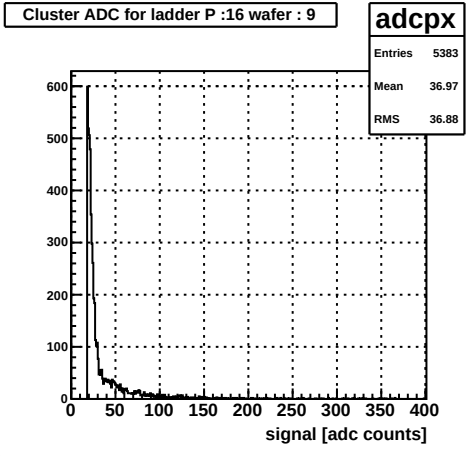

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 5173
Mean 40.03
RMS 39.7
signal [adc counts]

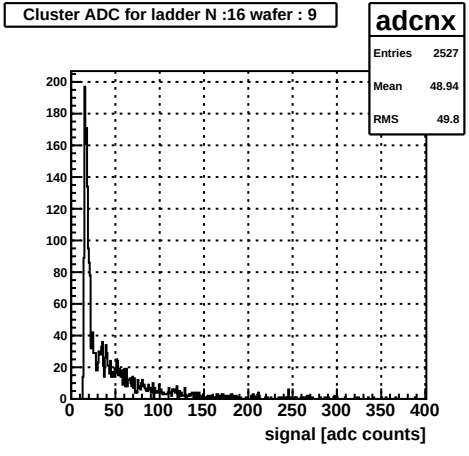

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2337
Mean 52.56
RMS 51.12
signal [adc counts]

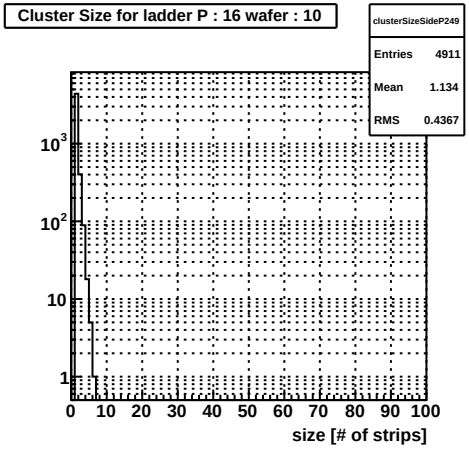

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 5383
Mean 1.14
RMS 0.4416
size [# of strips]

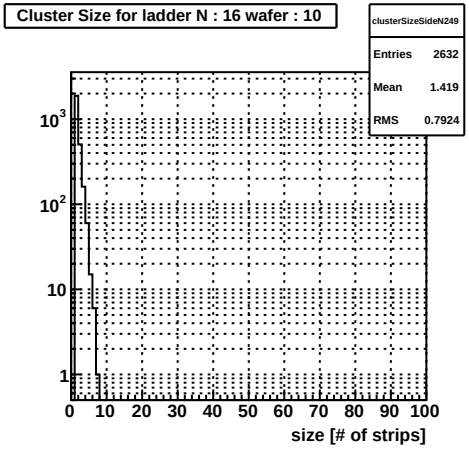

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 2527
Mean 1.416
RMS 0.74
size [# of strips]

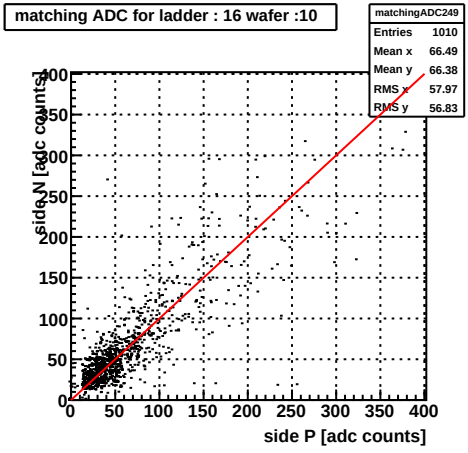

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1157
Mean x 73.39
Mean y 67.94
RMS x 59.24
RMS y 57.1
side N [adc counts]
side P [adc counts]

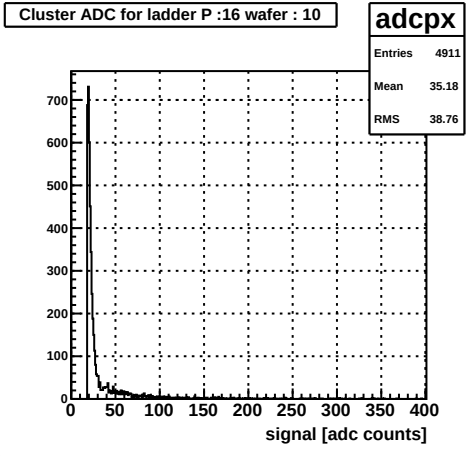

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 5383
Mean 36.97
RMS 36.88
signal [adc counts]

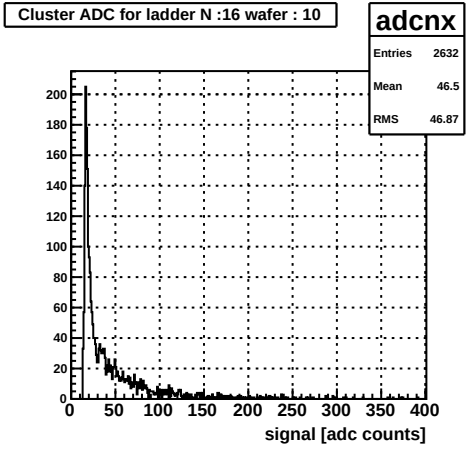

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 2527
Mean 48.94
RMS 49.8
signal [adc counts]

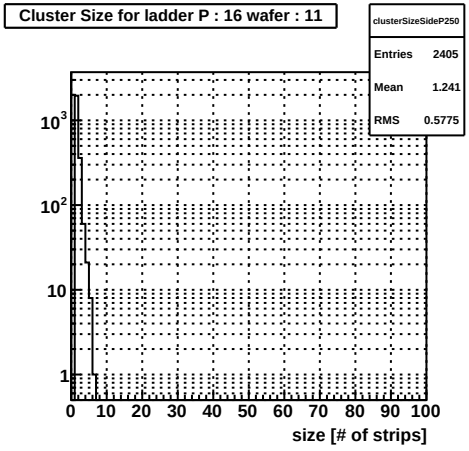

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 4911
Mean 1.134
RMS 0.4367
size [# of strips]

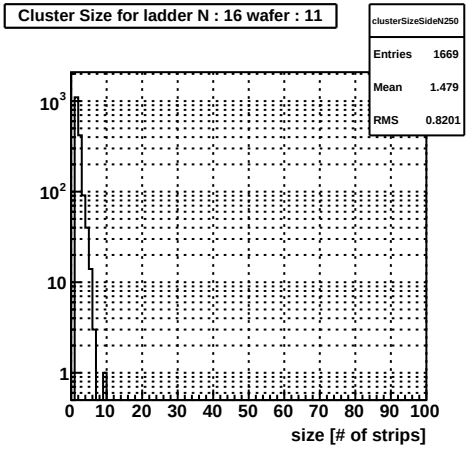

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 2632
Mean 1.419
RMS 0.7924
size [# of strips]

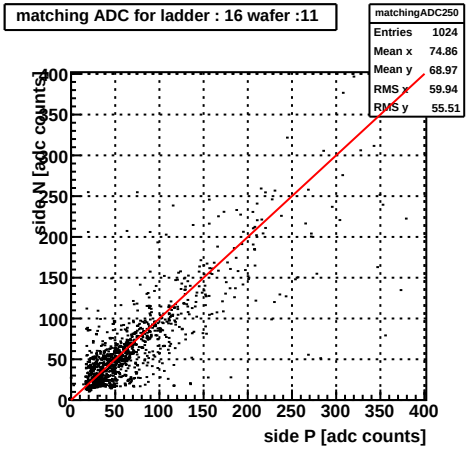

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1010
Mean x 66.49
Mean y 66.38
RMS x 57.97
RMS y 56.83
side N [adc counts]
side P [adc counts]

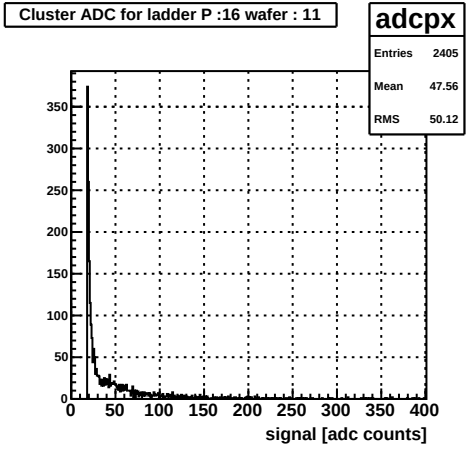

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 4911
Mean 35.18
RMS 38.76
signal [adc counts]

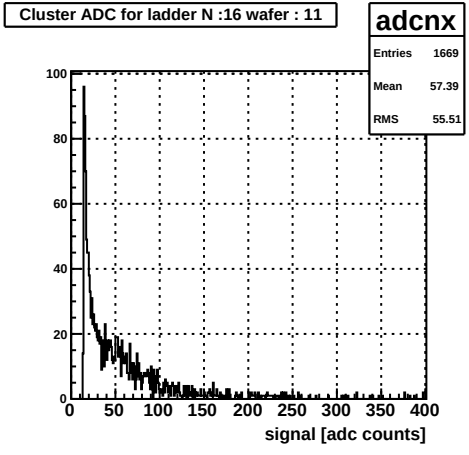

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 2632
Mean 46.5
RMS 46.87
signal [adc counts]

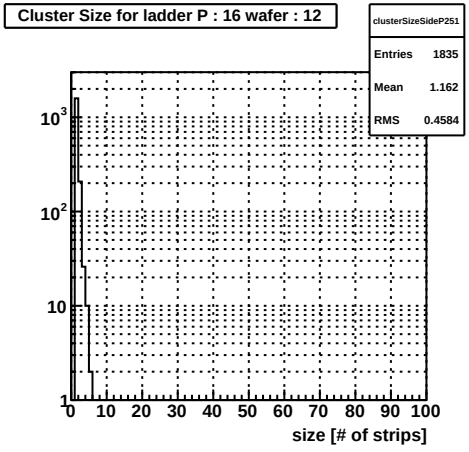

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2405
Mean 1.241
RMS 0.5775
size [# of strips]

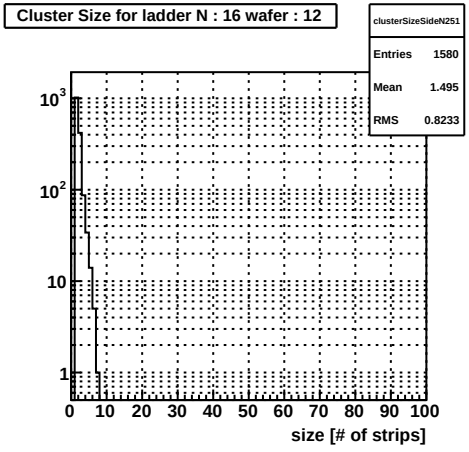

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1669
Mean 1.479
RMS 0.8201
size [# of strips]

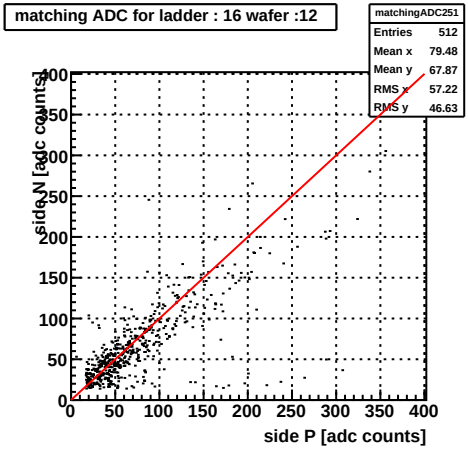

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1024
Mean x 74.86
Mean y 68.97
RMS x 59.94
RMS y 55.51
side N [adc counts]
side P [adc counts]

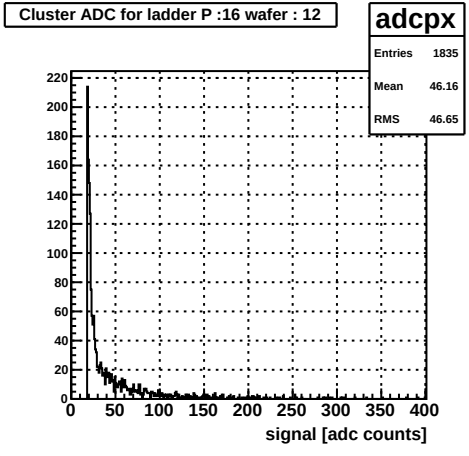

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2405
Mean 47.56
RMS 50.12
signal [adc counts]

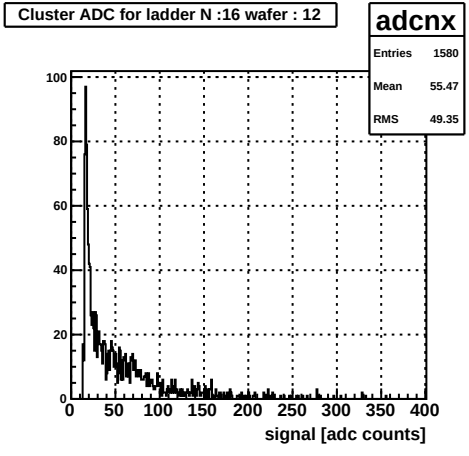

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1669
Mean 57.39
RMS 55.51
signal [adc counts]

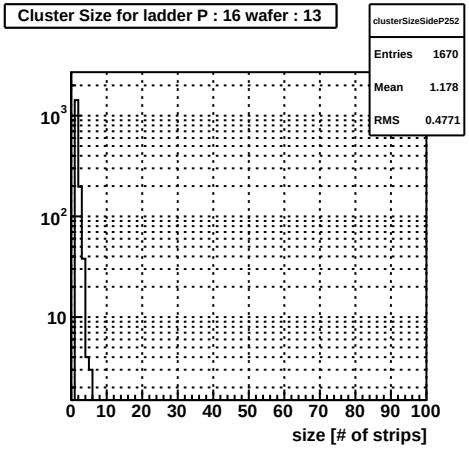

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 1835
Mean 1.162
RMS 0.4584
size [# of strips]

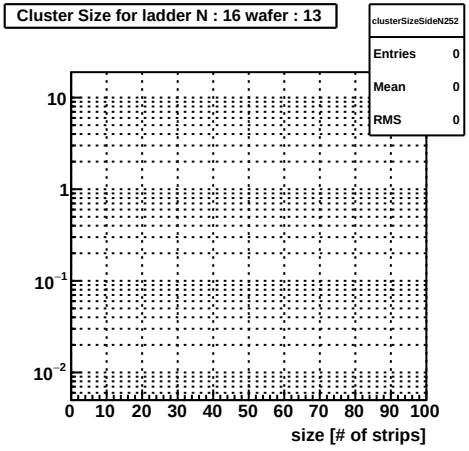

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 1580
Mean 1.495
RMS 0.8233
size [# of strips]

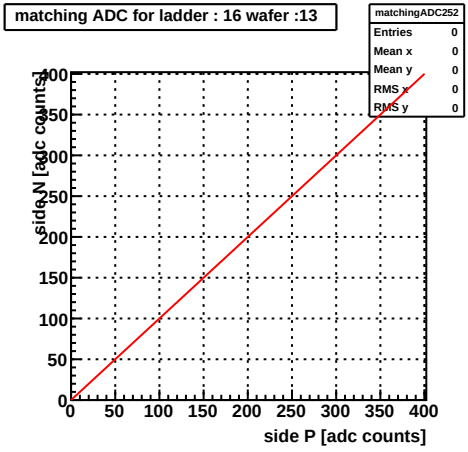

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 512
Mean x 79.48
Mean y 67.87
RMS x 57.22
RMS y 46.63
side N [adc counts]
side P [adc counts]

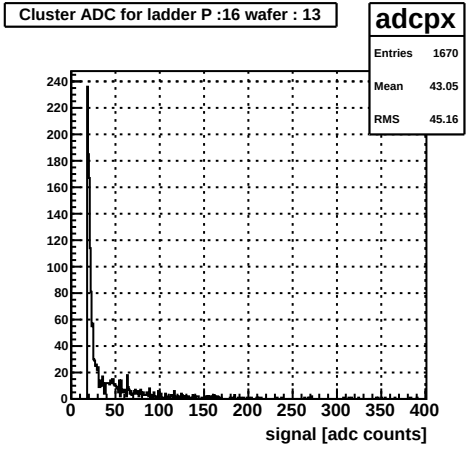

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 1835
Mean 46.16
RMS 46.65
signal [adc counts]

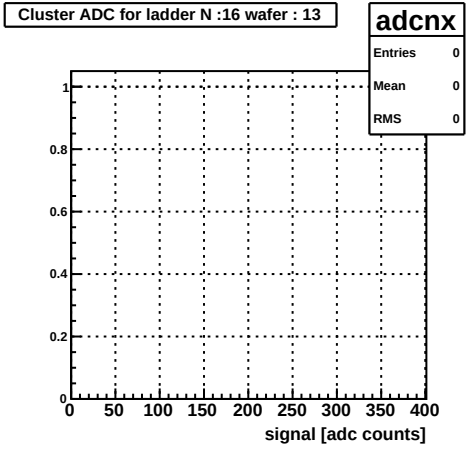

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 1580
Mean 55.47
RMS 49.35
signal [adc counts]

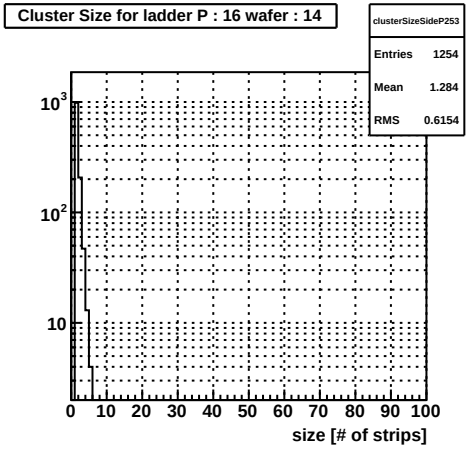

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1670
Mean 1.178
RMS 0.4771
size [# of strips]

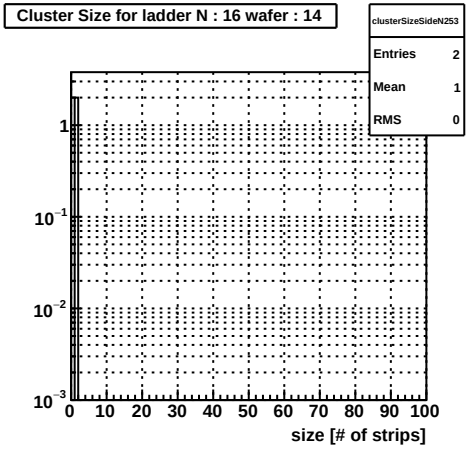

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

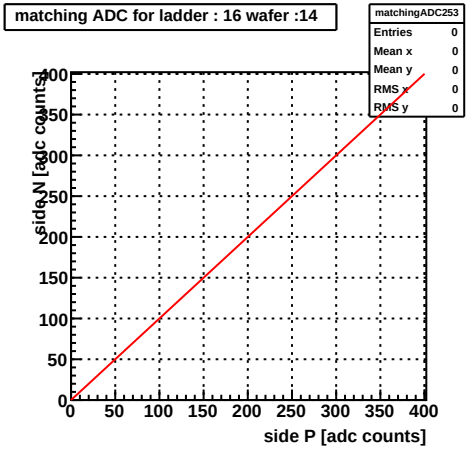

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

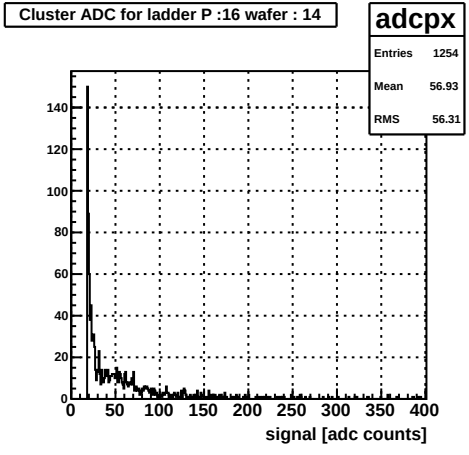

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1670
Mean 43.05
RMS 45.16
signal [adc counts]

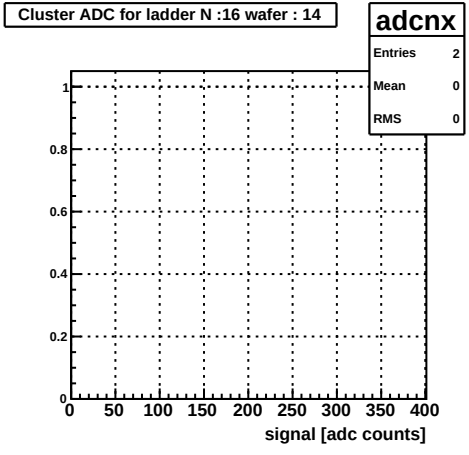

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

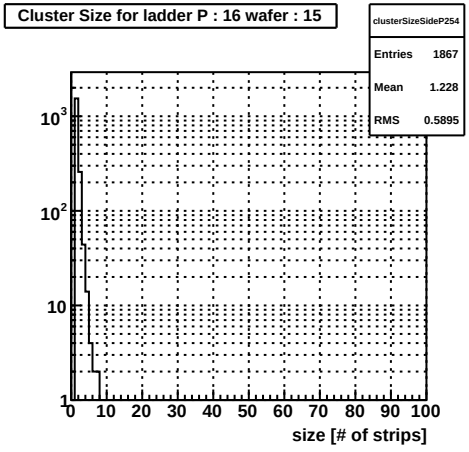

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1254
Mean 1.284
RMS 0.6154
size [# of strips]

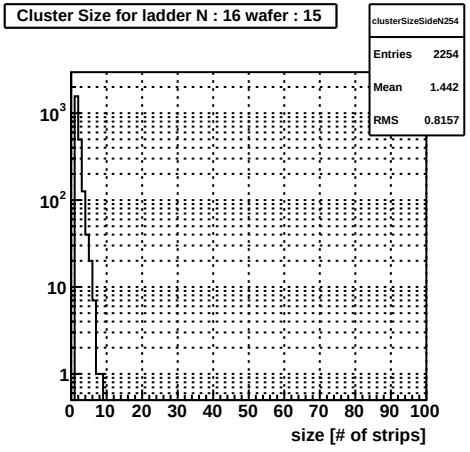

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 2
Mean 1
RMS 0
size [# of strips]

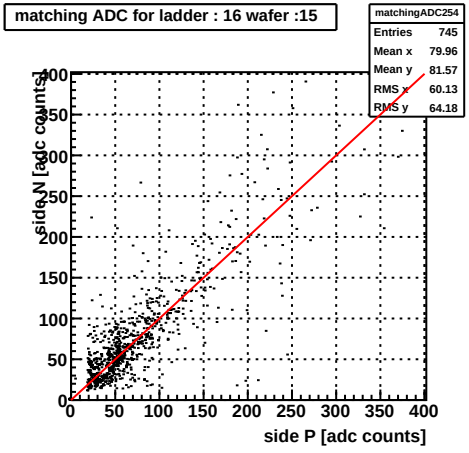

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

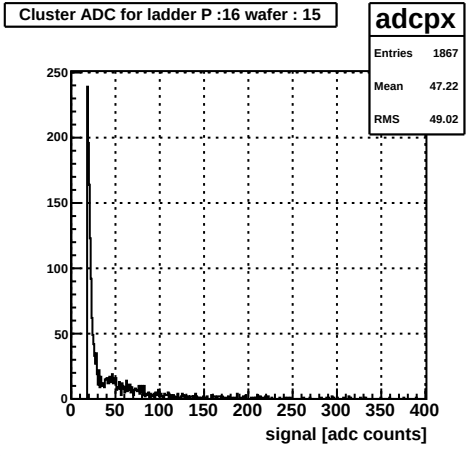

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1254
Mean 56.93
RMS 56.31
signal [adc counts]

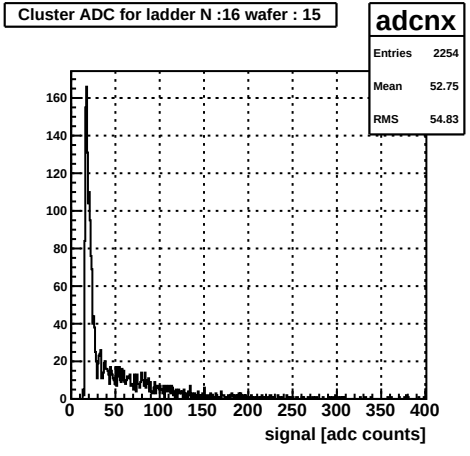

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

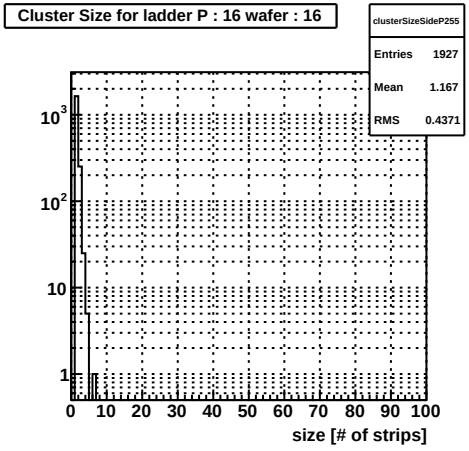

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 1867
Mean 1.228
RMS 0.5895
size [# of strips]

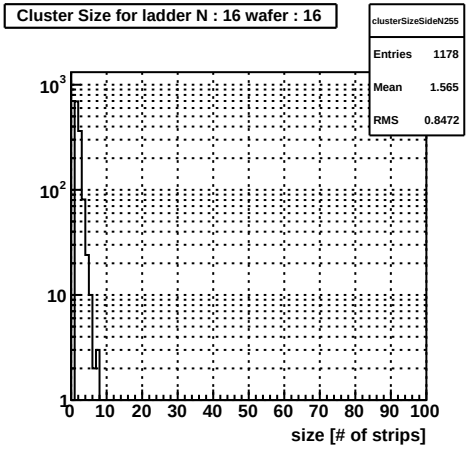

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 2254
Mean 1.442
RMS 0.8157
size [# of strips]

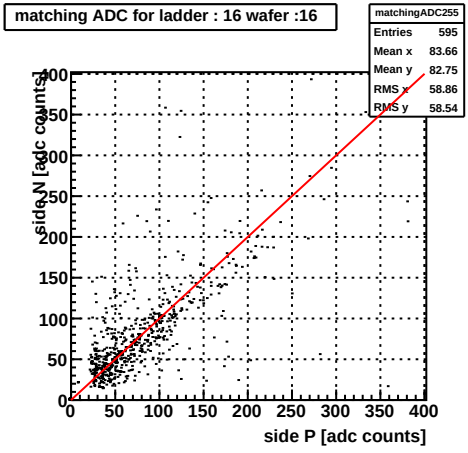

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 745
Mean x 79.96
Mean y 81.57
RMS x 60.13
RMS y 64.18
side N [adc counts]
side P [adc counts]

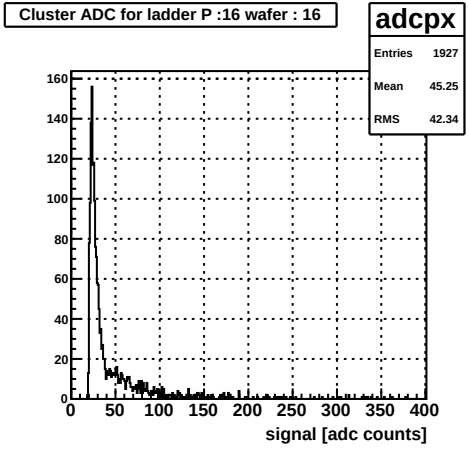

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 1867
Mean 47.22
RMS 49.02
signal [adc counts]

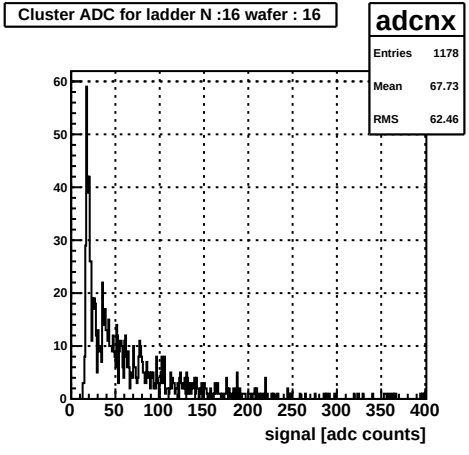

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 2254
Mean 52.75
RMS 54.83
signal [adc counts]

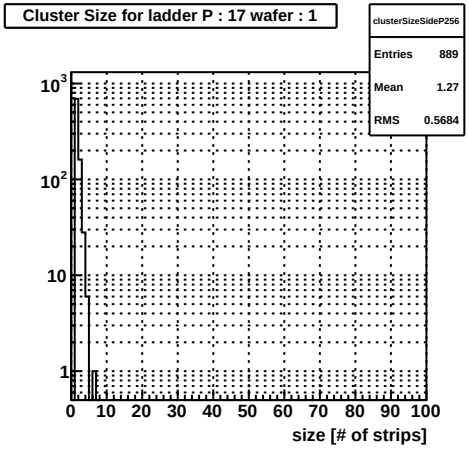

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 1927
Mean 1.167
RMS 0.4371
size [# of strips]

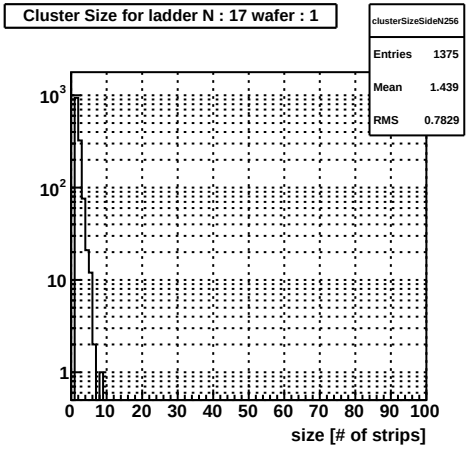

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1178
Mean 1.565
RMS 0.8472
size [# of strips]

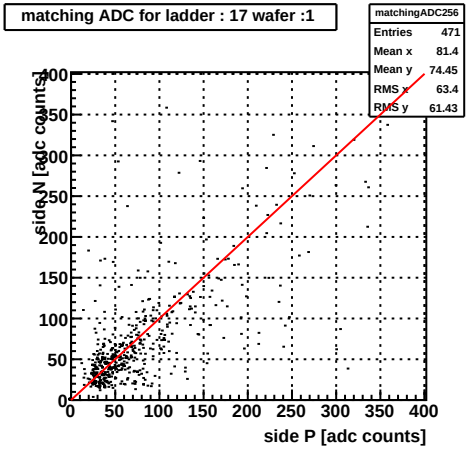

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 595
Mean x 83.66
Mean y 82.75
RMS x 58.86
RMS y 58.54
side N [adc counts]
side P [adc counts]

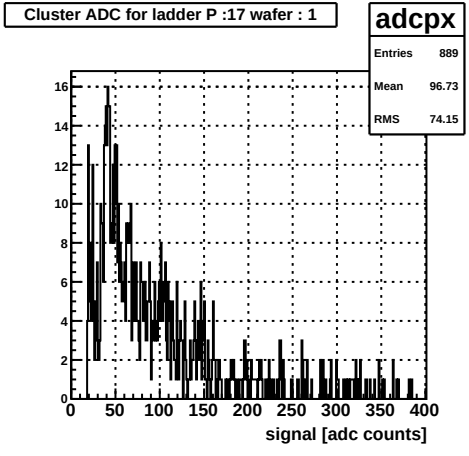

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 1927
Mean 45.25
RMS 42.34
signal [adc counts]

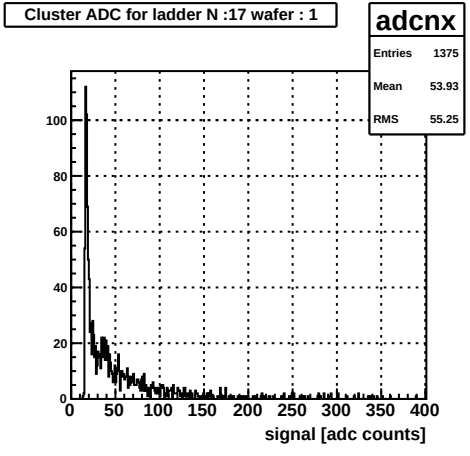

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1178
Mean 67.73
RMS 62.46
signal [adc counts]

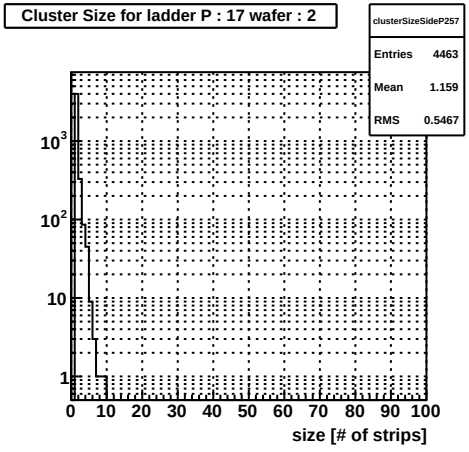

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 889
Mean 1.27
RMS 0.5684
size [# of strips]

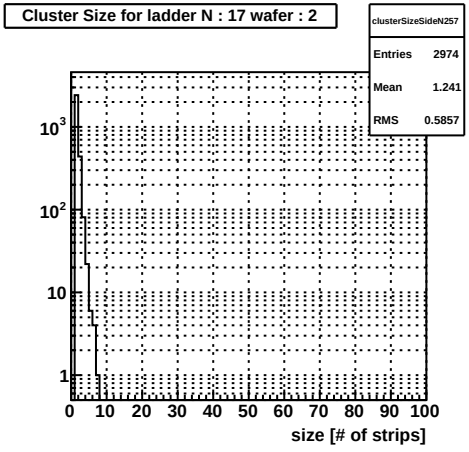

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1375
Mean 1.439
RMS 0.7829
size [# of strips]

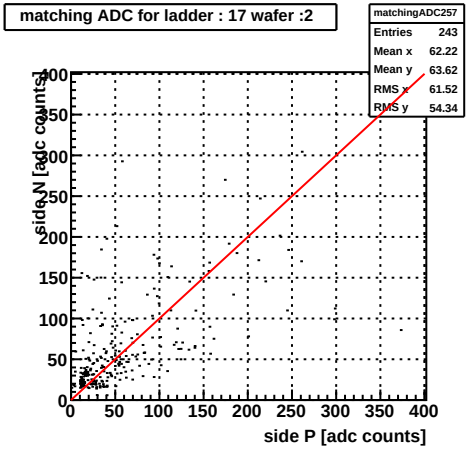

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 471
Mean x 81.4
Mean y 74.45
RMS x 63.4
RMS y 61.43
side N [adc counts]
side P [adc counts]

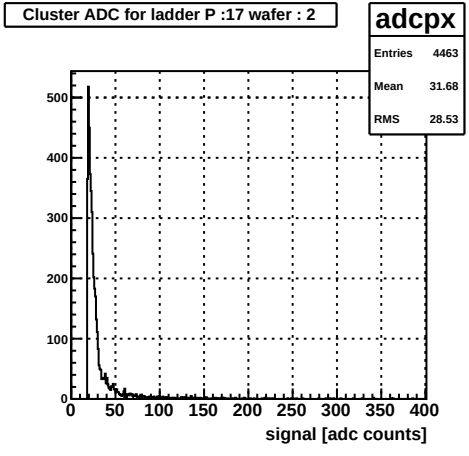

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 889
Mean 96.73
RMS 74.15
signal [adc counts]

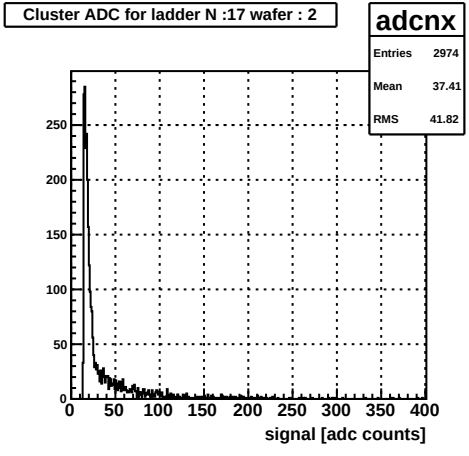

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1375
Mean 53.93
RMS 55.25
signal [adc counts]

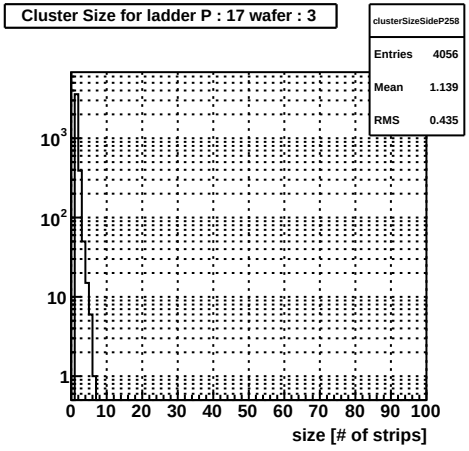

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 4463
Mean 1.159
RMS 0.5467
size [# of strips]

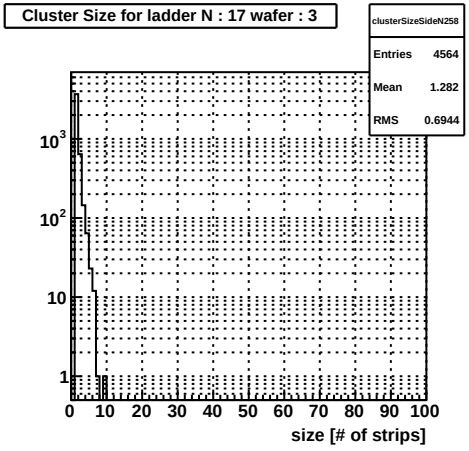

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 2974
Mean 1.241
RMS 0.5857
size [# of strips]

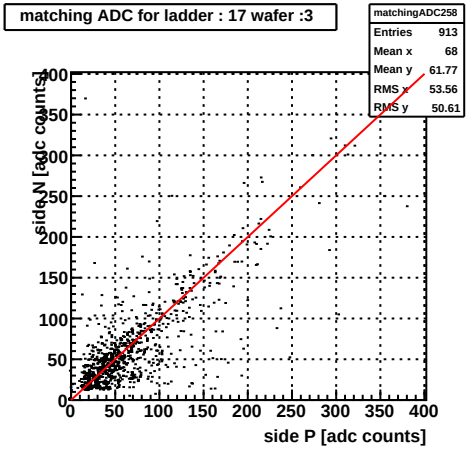

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 243
Mean x 62.22
Mean y 63.62
RMS x 61.52
RMS y 54.34
side N [adc counts]
side P [adc counts]

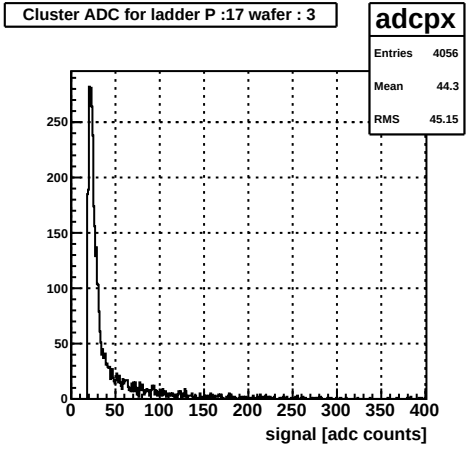

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 4463
Mean 31.68
RMS 28.53
signal [adc counts]

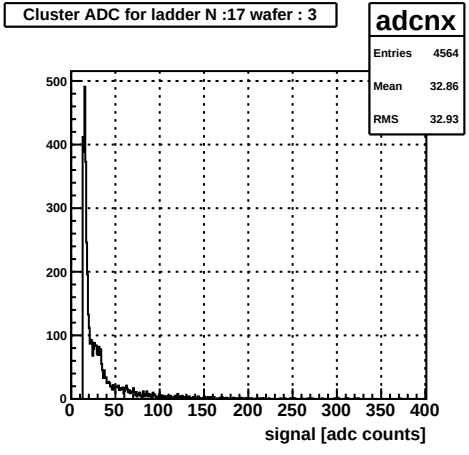

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 2974
Mean 37.41
RMS 41.82
signal [adc counts]

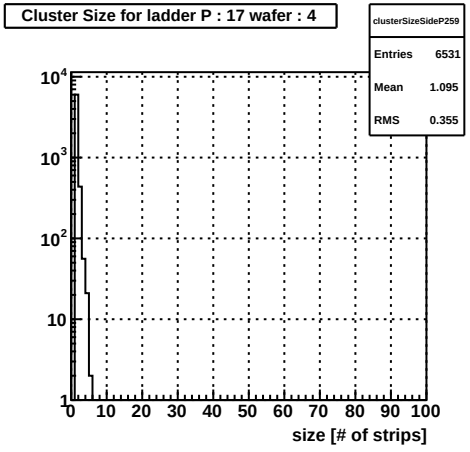

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 4056
Mean 1.139
RMS 0.435
size [# of strips]

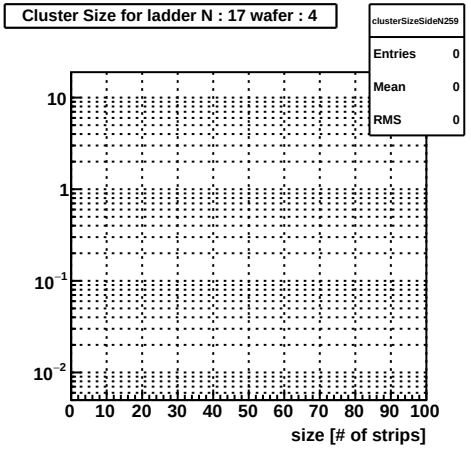

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 4564
Mean 1.282
RMS 0.6944
size [# of strips]

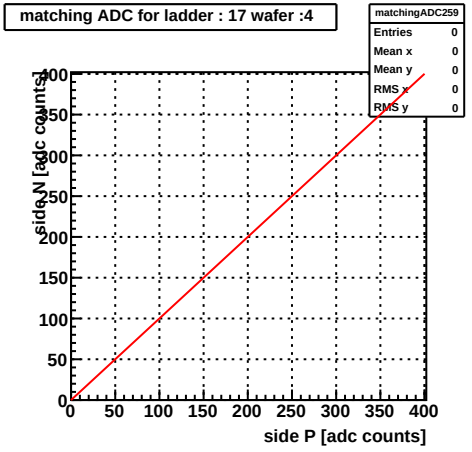

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 913
Mean x 68
Mean y 61.77
RMS x 53.56
RMS y 50.61
side N [adc counts]
side P [adc counts]

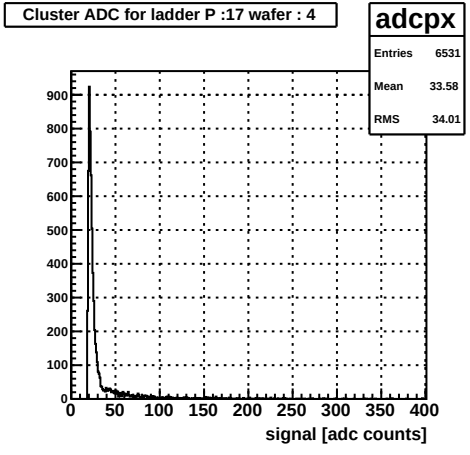

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 4056
Mean 44.3
RMS 45.15
signal [adc counts]

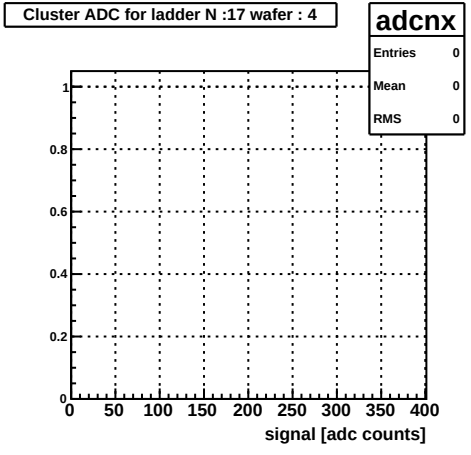

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 4564
Mean 32.86
RMS 32.93
signal [adc counts]

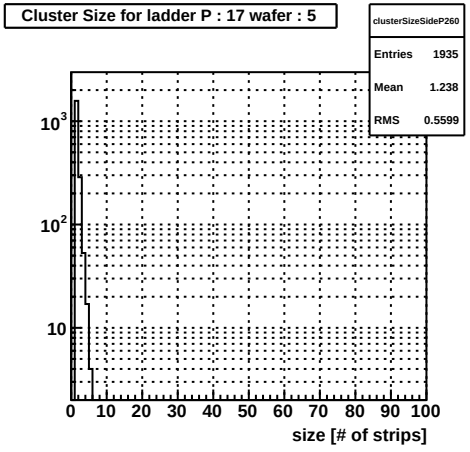

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 6531
Mean 1.095
RMS 0.355
size [# of strips]

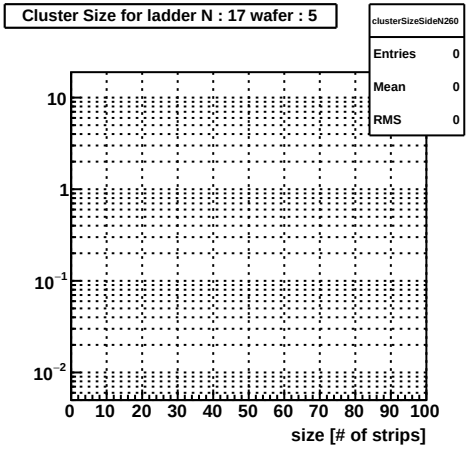

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

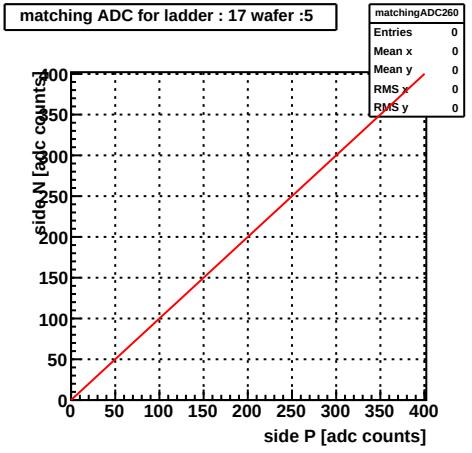

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

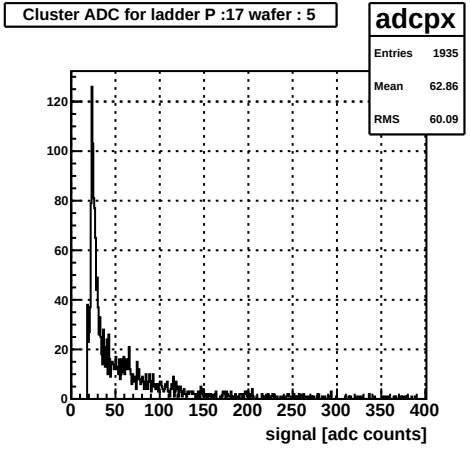

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 6531
Mean 33.58
RMS 34.01
signal [adc counts]

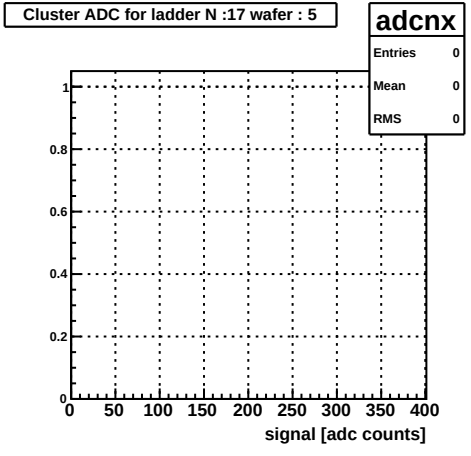

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

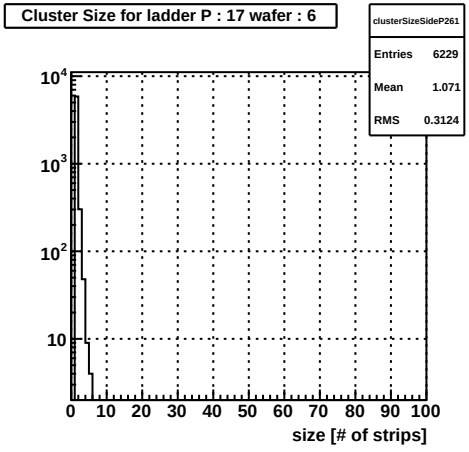

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 1935
Mean 1.238
RMS 0.5599
size [# of strips]

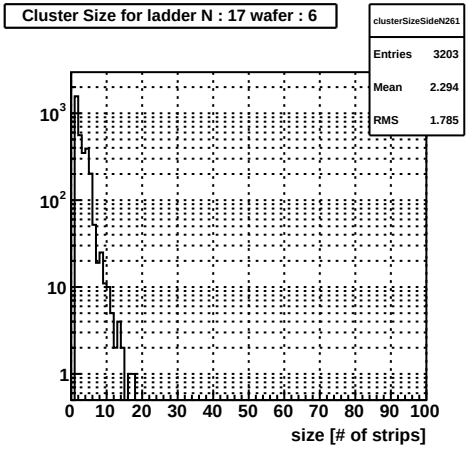

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

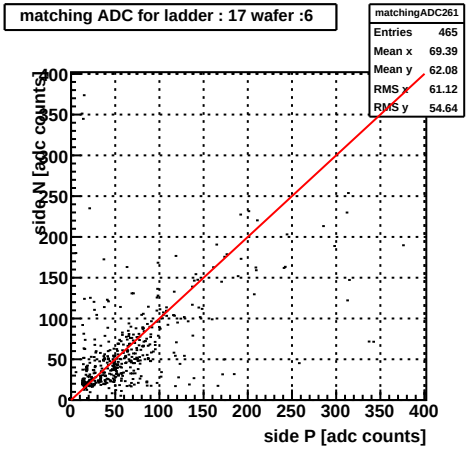

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

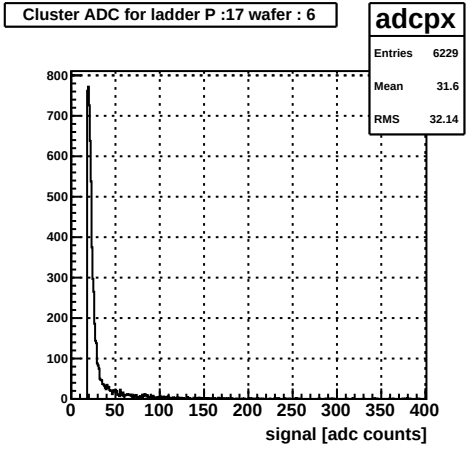

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 1935
Mean 62.86
RMS 60.09
signal [adc counts]

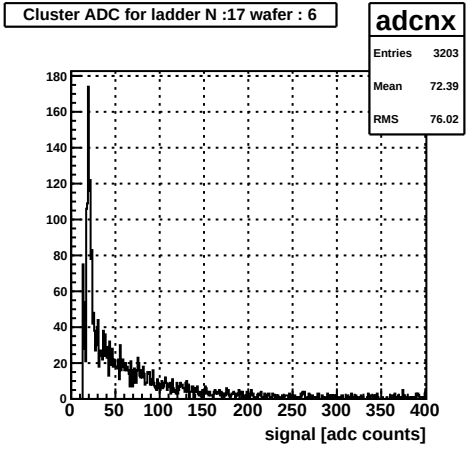

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

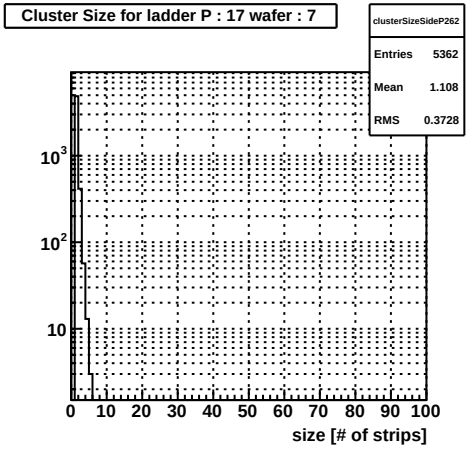

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 6229
Mean 1.071
RMS 0.3124
size [# of strips]

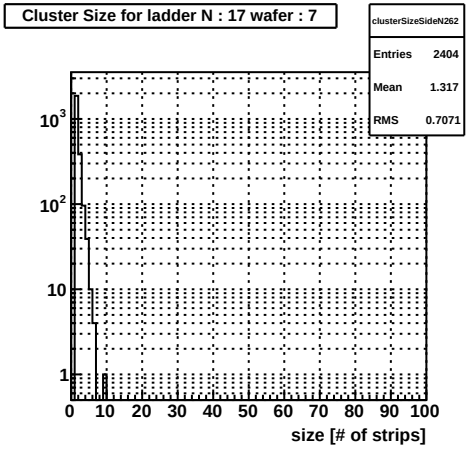

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 3203
Mean 2.294
RMS 1.785
size [# of strips]

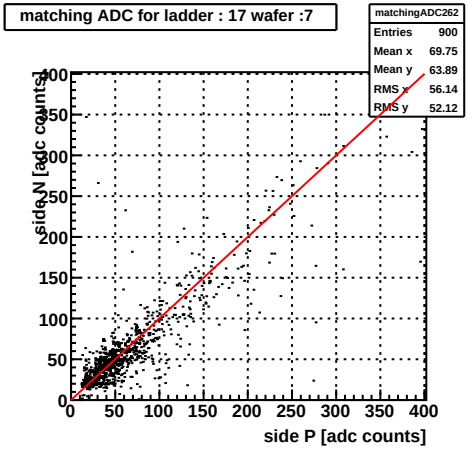

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 465
Mean x 69.39
Mean y 62.08
RMS x 61.12
RMS y 54.64
side N [adc counts]
side P [adc counts]

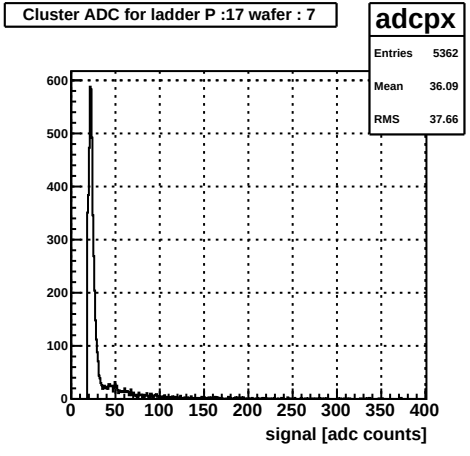

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 6229
Mean 31.6
RMS 32.14
signal [adc counts]

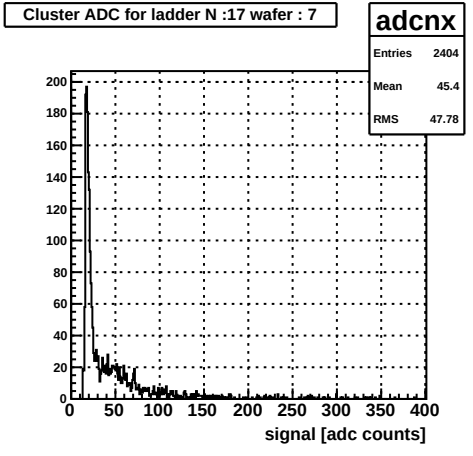

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 3203
Mean 72.39
RMS 76.02
signal [adc counts]

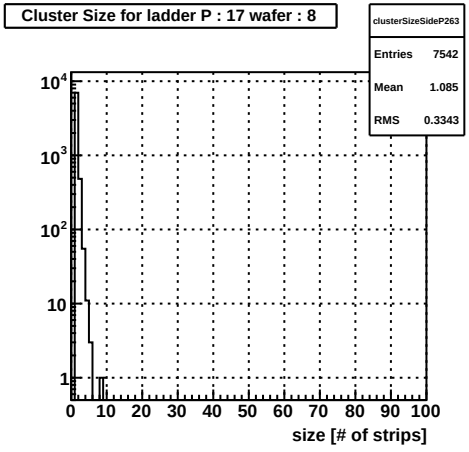

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 5362
Mean 1.108
RMS 0.3728
size [# of strips]

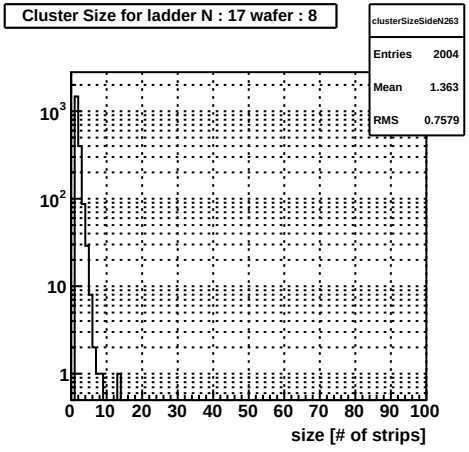

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 2404
Mean 1.317
RMS 0.7071
size [# of strips]

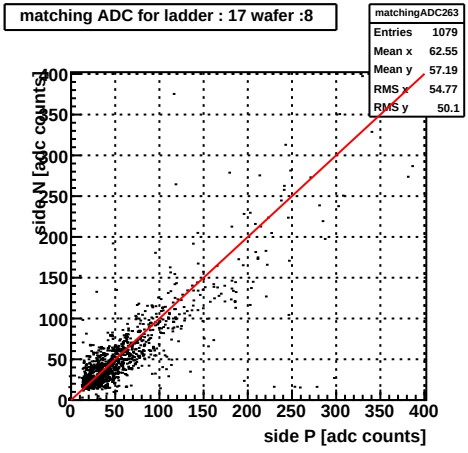

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 900
Mean x 69.75
Mean y 63.89
RMS x 56.14
RMS y 52.12
side N [adc counts]
side P [adc counts]

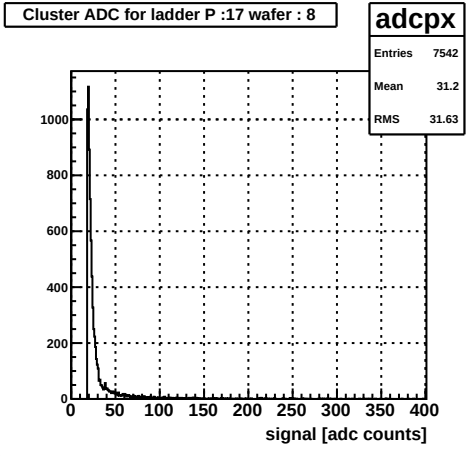

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 5362
Mean 36.09
RMS 37.66
signal [adc counts]

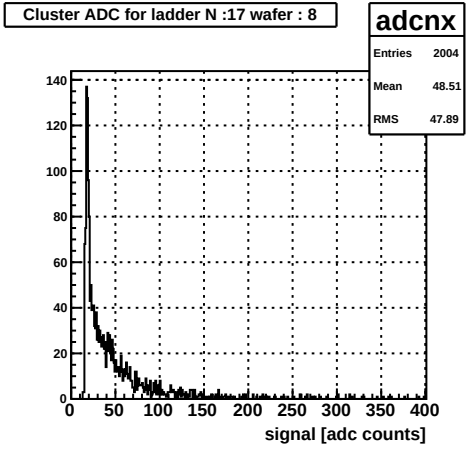

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 2404
Mean 45.4
RMS 47.78
signal [adc counts]

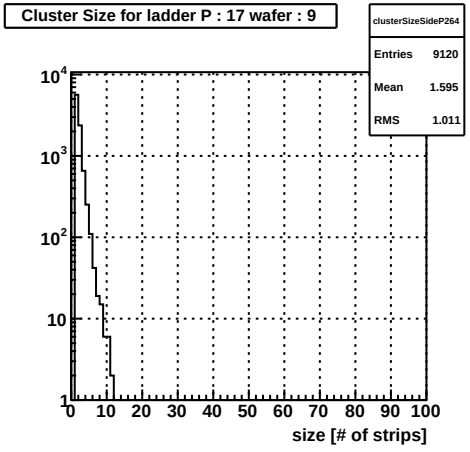

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 7542
Mean 1.085
RMS 0.3343
size [# of strips]

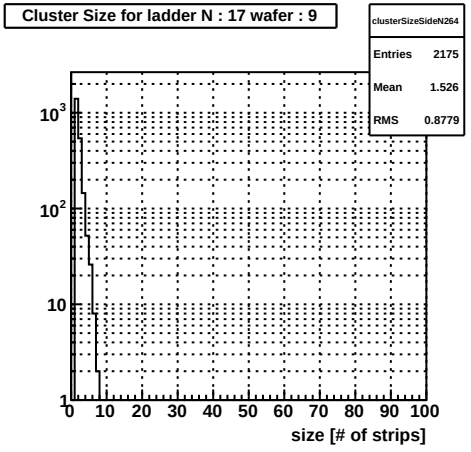

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 2004
Mean 1.363
RMS 0.7579
size [# of strips]

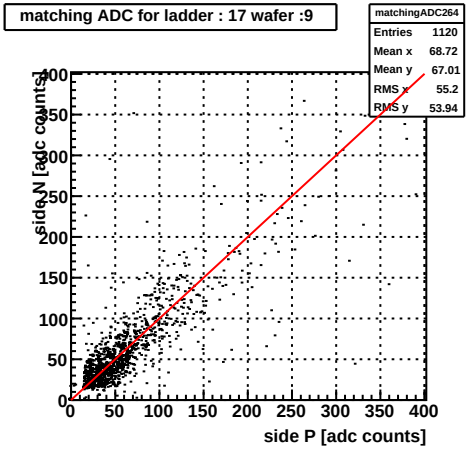

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1079
Mean x 62.55
Mean y 57.19
RMS x 54.77
RMS y 50.1
side N [adc counts]
side P [adc counts]

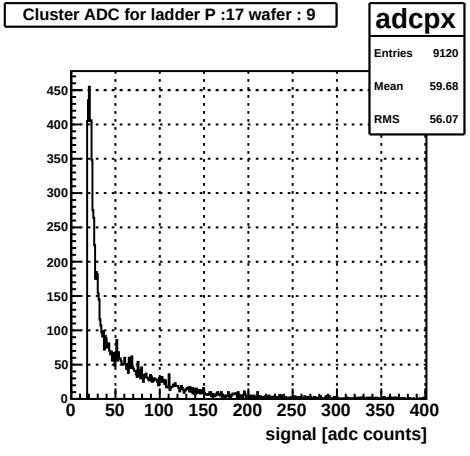

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 7542
Mean 31.2
RMS 31.63
signal [adc counts]

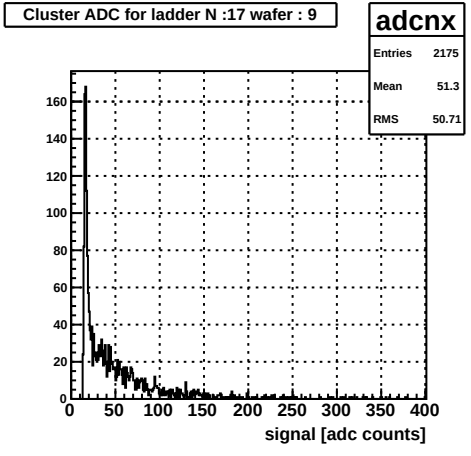

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 2004
Mean 48.51
RMS 47.89
signal [adc counts]

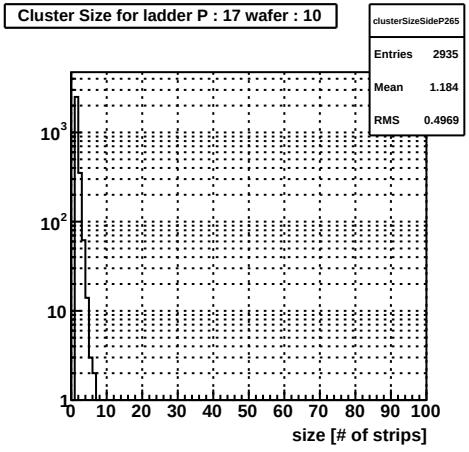

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 9120
Mean 1.595
RMS 1.011
size [# of strips]

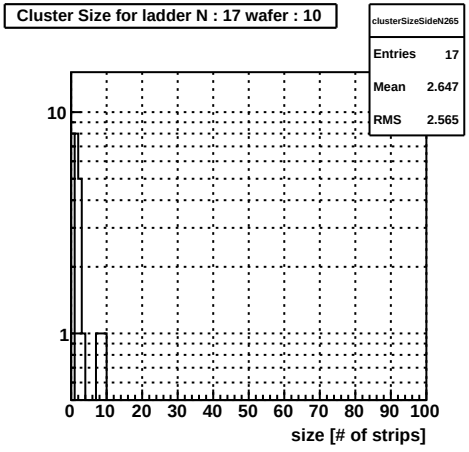

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 2175
Mean 1.526
RMS 0.8779
size [# of strips]

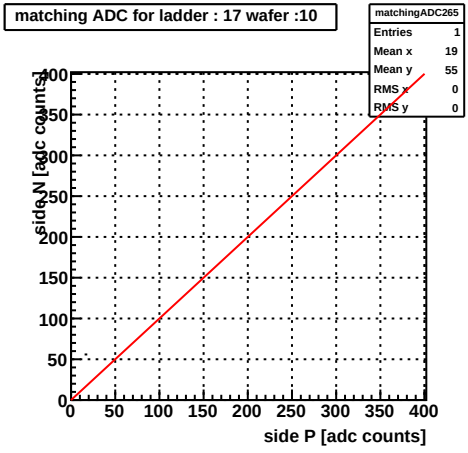

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1120
Mean x 68.72
Mean y 67.01
RMS x 55.2
RMS y 53.94
side N [adc counts]
side P [adc counts]

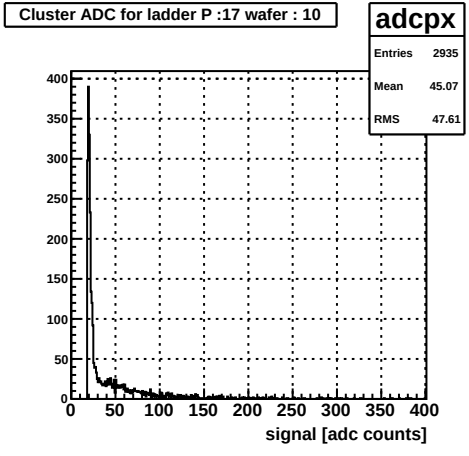

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 9120
Mean 59.68
RMS 56.07
signal [adc counts]

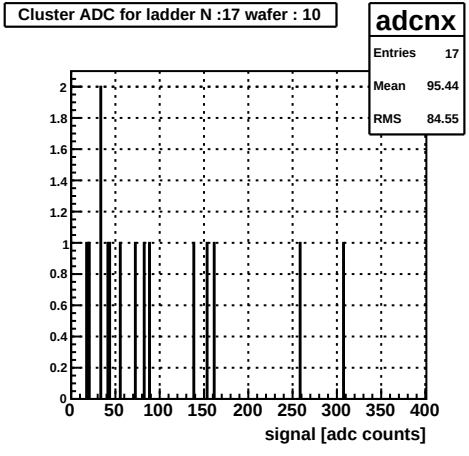

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 2175
Mean 51.3
RMS 50.71
signal [adc counts]

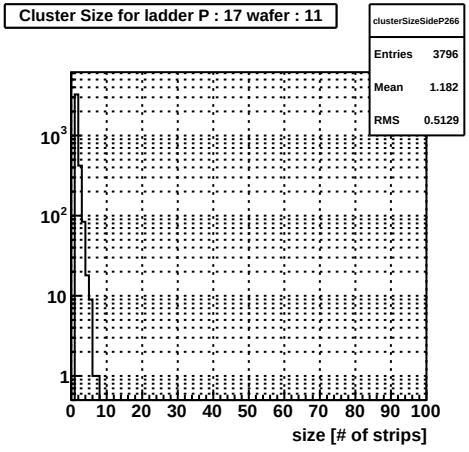

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 2935
Mean 1.184
RMS 0.4969
size [# of strips]

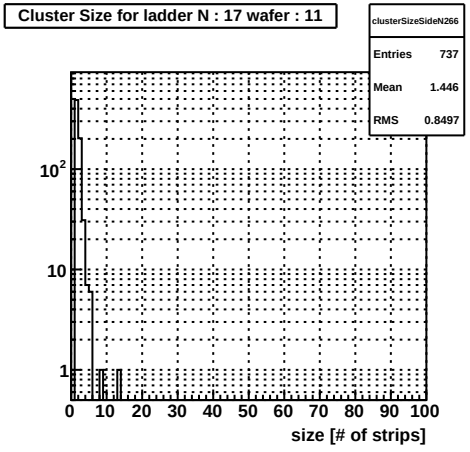

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 17
Mean 2.647
RMS 2.565
size [# of strips]

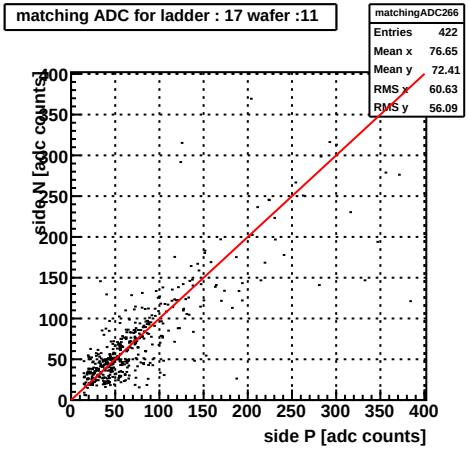

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 1
Mean x 19
Mean y 55
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

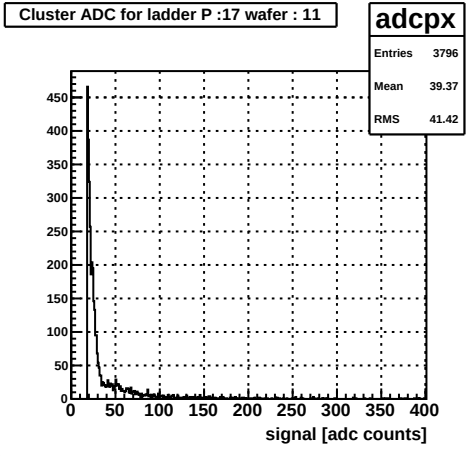

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 2935
Mean 45.07
RMS 47.61
signal [adc counts]

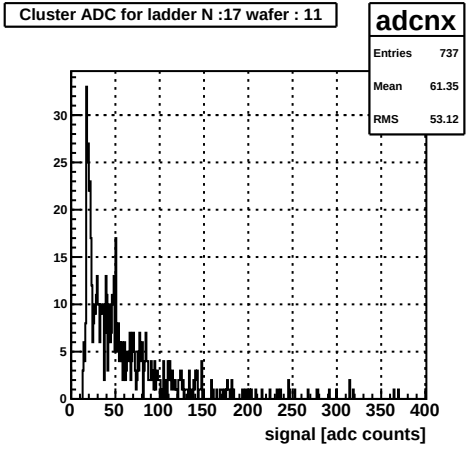

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 17
Mean 95.44
RMS 84.55
signal [adc counts]

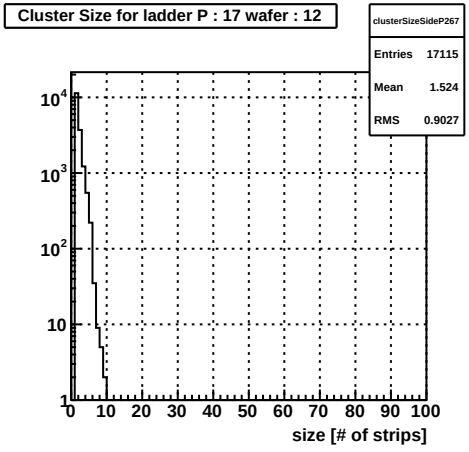

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 3796
Mean 1.182
RMS 0.5129
size [# of strips]

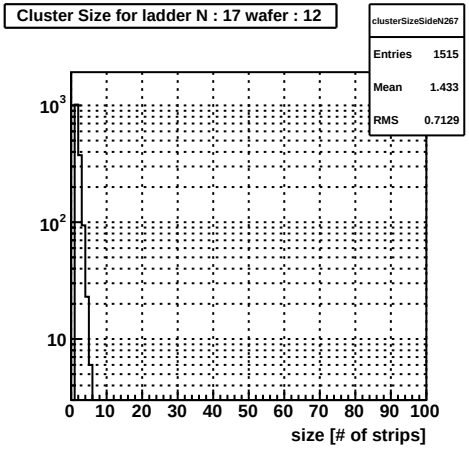

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 737
Mean 1.446
RMS 0.8497
size [# of strips]

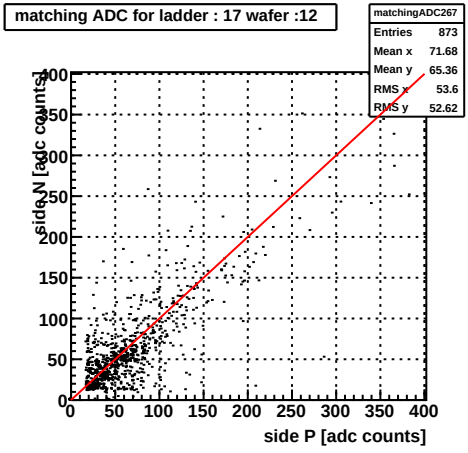

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 422
Mean x 76.65
Mean y 72.41
RMS x 60.63
RMS y 56.09
side N [adc counts]
side P [adc counts]

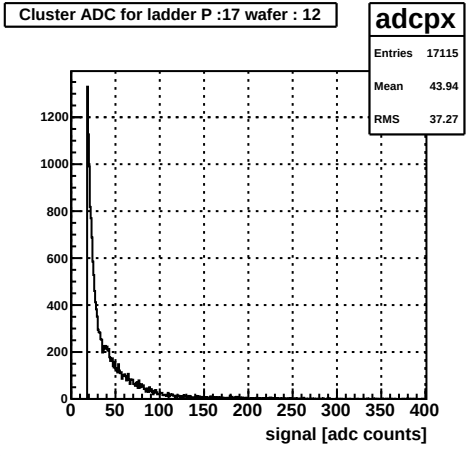

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 3796
Mean 39.37
RMS 41.42
signal [adc counts]

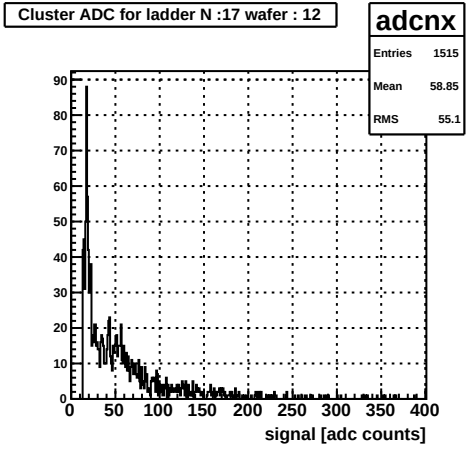

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 737
Mean 61.35
RMS 53.12
signal [adc counts]

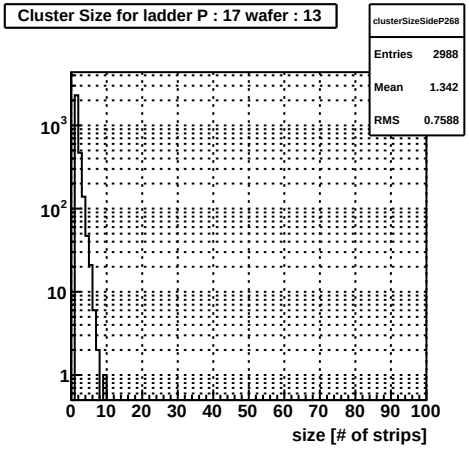

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 17115
Mean 1.524
RMS 0.9027
size [# of strips]

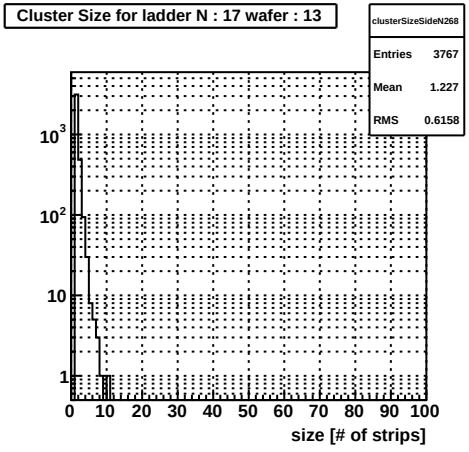

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1515
Mean 1.433
RMS 0.7129
size [# of strips]

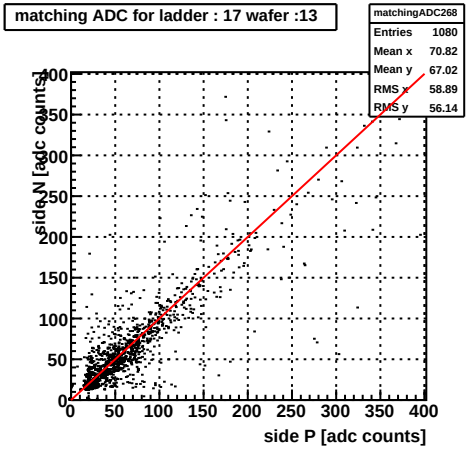

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 873
Mean x 71.68
Mean y 65.36
RMS x 53.6
RMS y 52.62
side N [adc counts]
side P [adc counts]

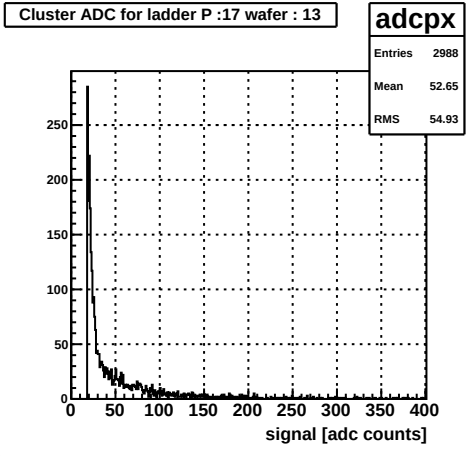

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 17115
Mean 43.94
RMS 37.27
signal [adc counts]

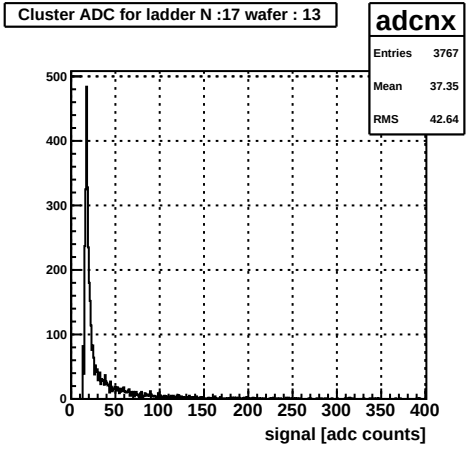

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1515
Mean 58.85
RMS 55.1
signal [adc counts]

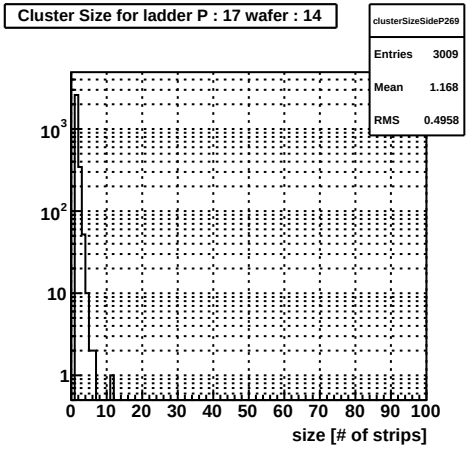

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 2988
Mean 1.342
RMS 0.7588
size [# of strips]

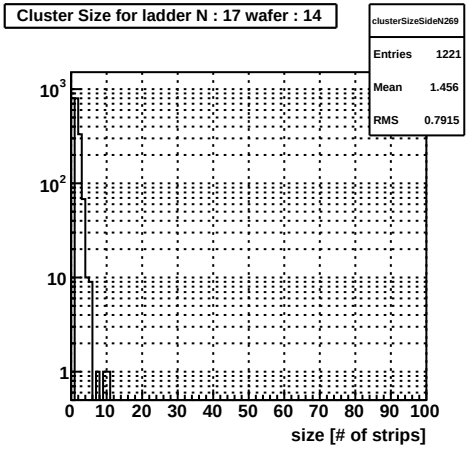

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 3767
Mean 1.227
RMS 0.6158
size [# of strips]

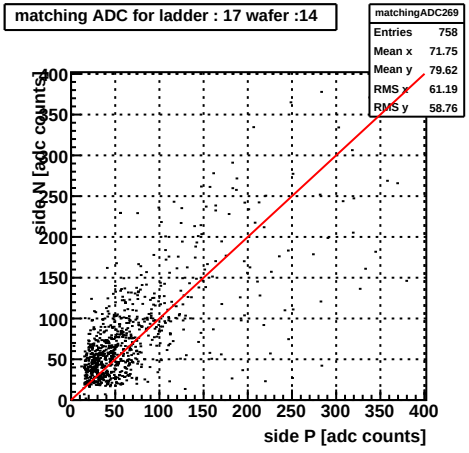

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1080
Mean x 70.82
Mean y 67.02
RMS x 58.89
RMS y 56.14
side N [adc counts]
side P [adc counts]

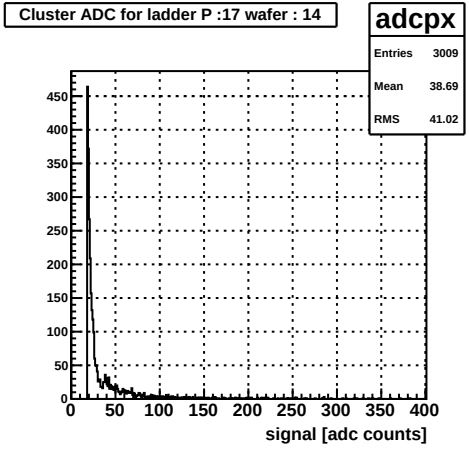

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 2988
Mean 52.65
RMS 54.93
signal [adc counts]

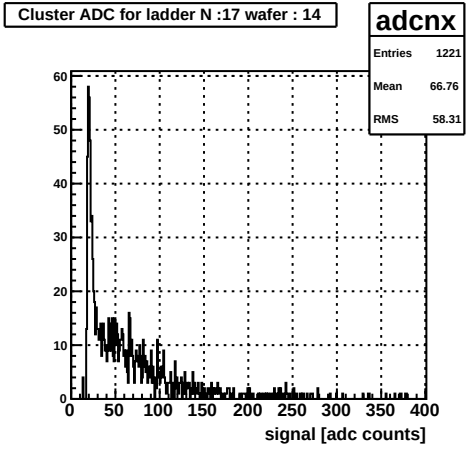

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 3767
Mean 37.35
RMS 42.64
signal [adc counts]

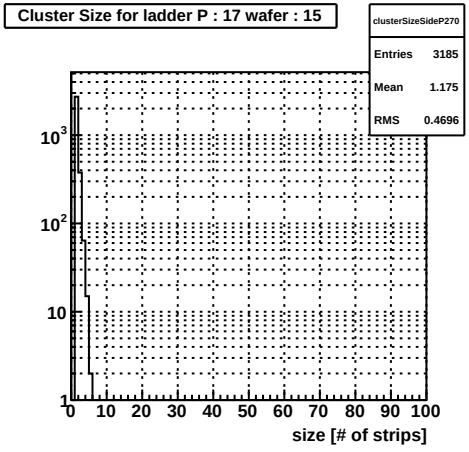

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 3009
Mean 1.168
RMS 0.4958
size [# of strips]

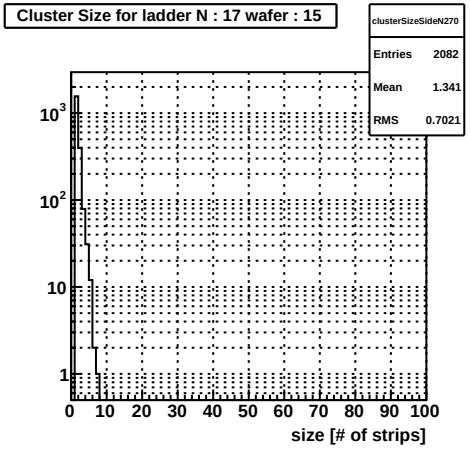

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1221
Mean 1.456
RMS 0.7915
size [# of strips]

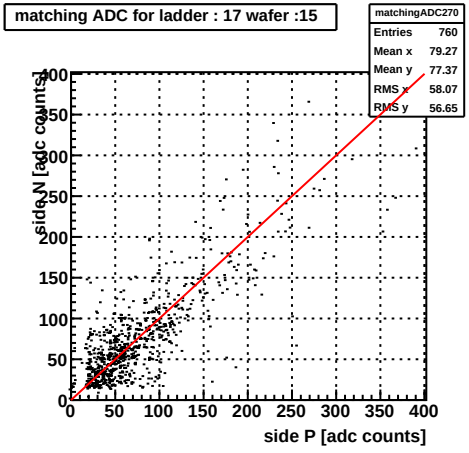

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 758
Mean x 71.75
Mean y 79.62
RMS x 61.19
RMS y 58.76
side N [adc counts]
side P [adc counts]

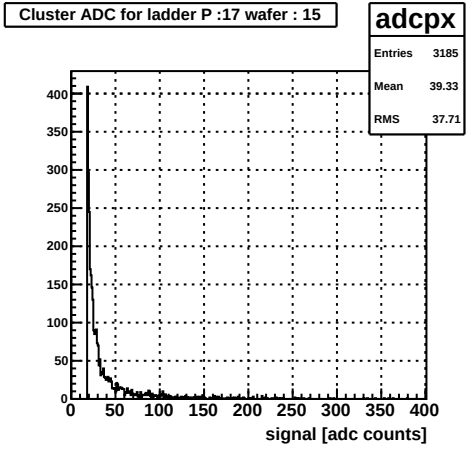

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 3009
Mean 38.69
RMS 41.02
signal [adc counts]

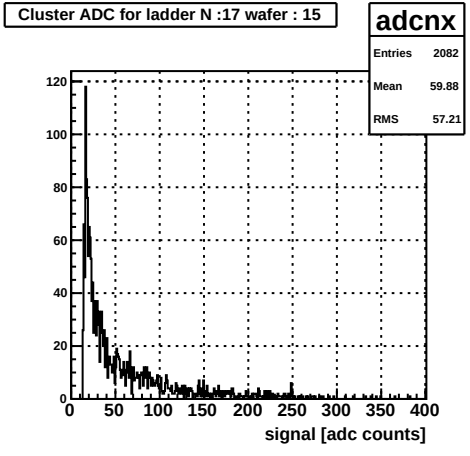

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1221
Mean 66.76
RMS 58.31
signal [adc counts]

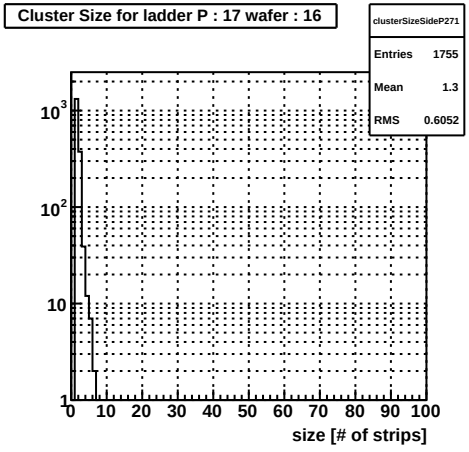

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 3185
Mean 1.175
RMS 0.4696
size [# of strips]

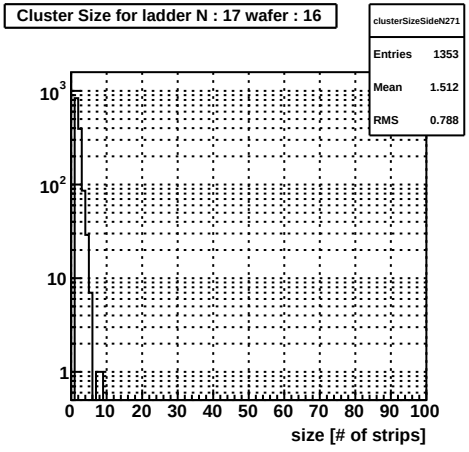

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 2082
Mean 1.341
RMS 0.7021
size [# of strips]

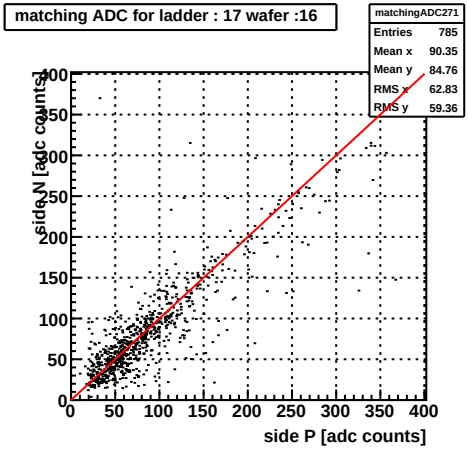

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 760
Mean x 79.27
Mean y 77.37
RMS x 58.07
RMS y 56.65
side N [adc counts]
side P [adc counts]

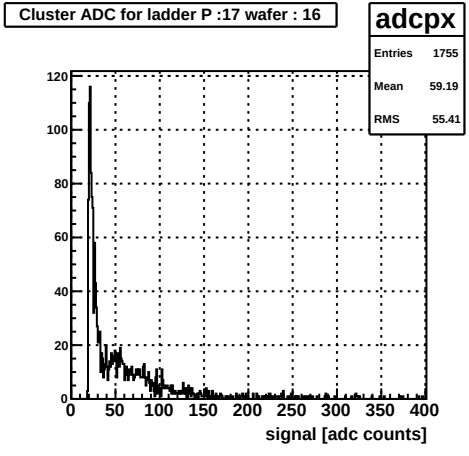

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 3185
Mean 39.33
RMS 37.71
signal [adc counts]

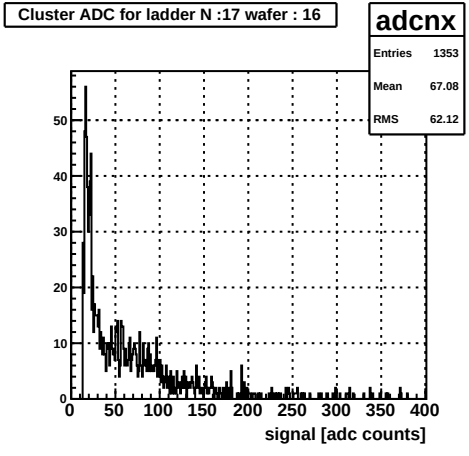

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 2082
Mean 59.88
RMS 57.21
signal [adc counts]

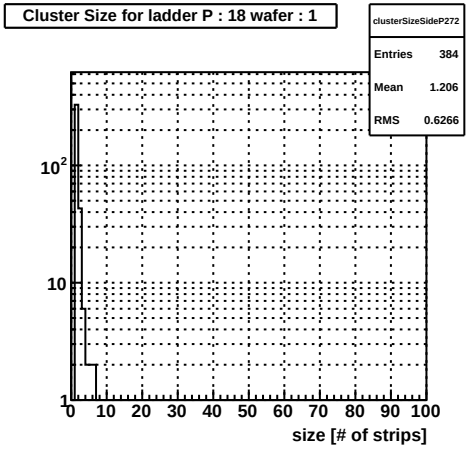

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 1755
Mean 1.3
RMS 0.6052
size [# of strips]

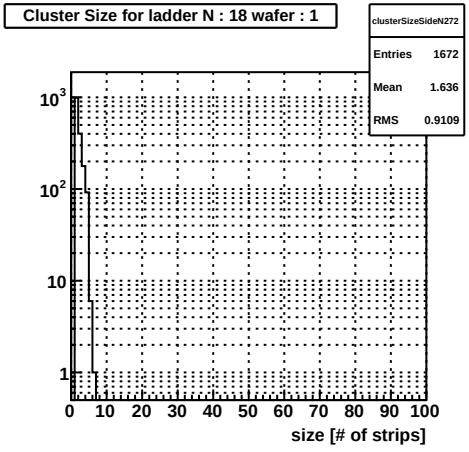

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1353
Mean 1.512
RMS 0.788
size [# of strips]

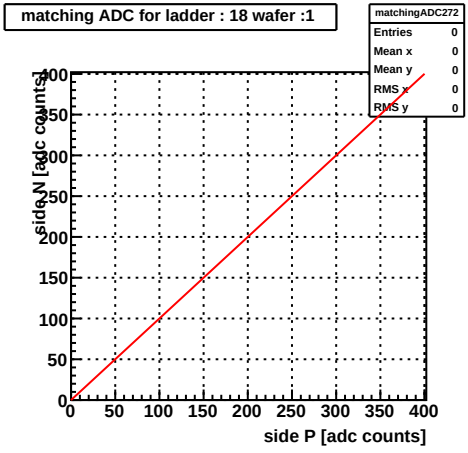

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 785
Mean x 90.35
Mean y 84.76
RMS x 62.83
RMS y 59.36
side N [adc counts]
side P [adc counts]

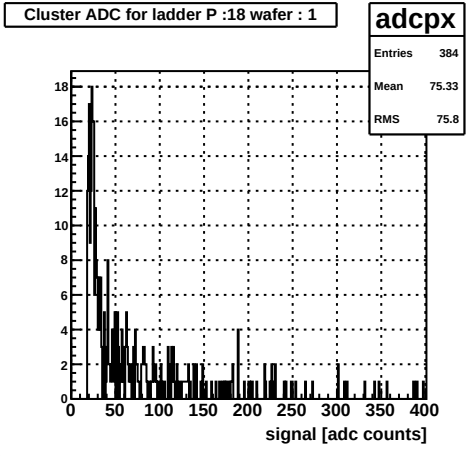

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 1755
Mean 59.19
RMS 55.41
signal [adc counts]

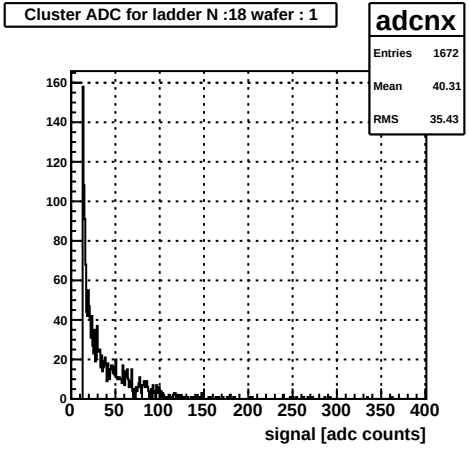

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1353
Mean 67.08
RMS 62.12
signal [adc counts]

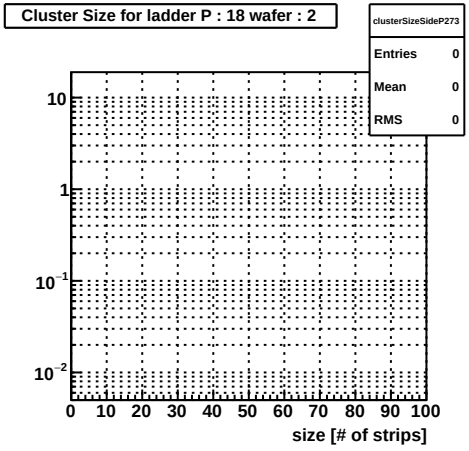

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 384
Mean 1.206
RMS 0.6266
size [# of strips]

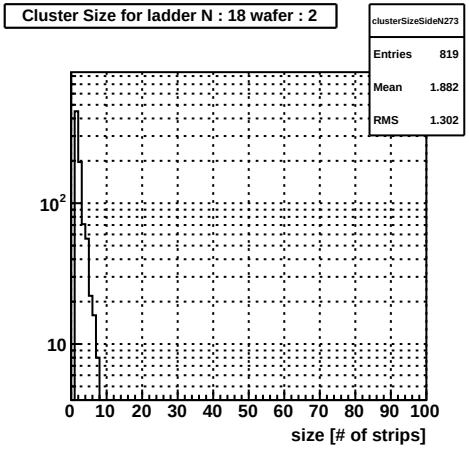

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1672
Mean 1.636
RMS 0.9109
size [# of strips]

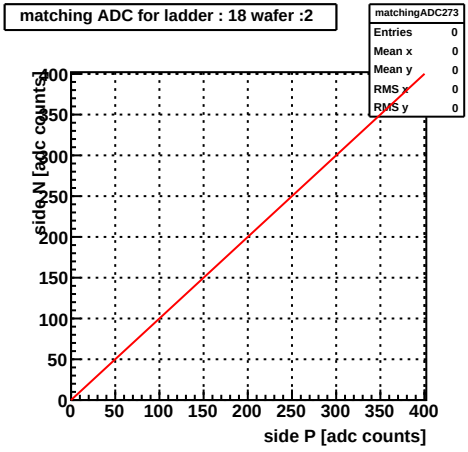

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

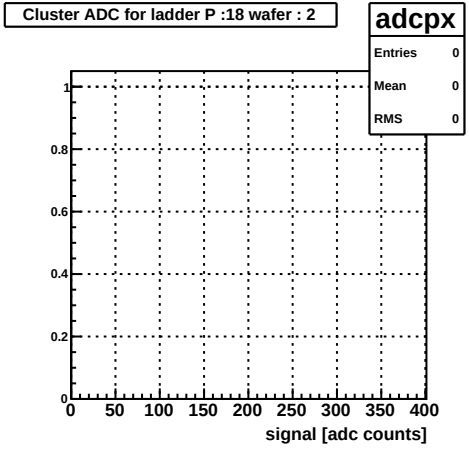

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 384
Mean 75.33
RMS 75.8
signal [adc counts]

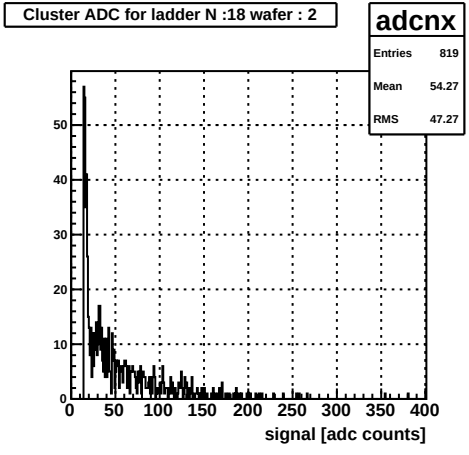

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1672
Mean 40.31
RMS 35.43
signal [adc counts]

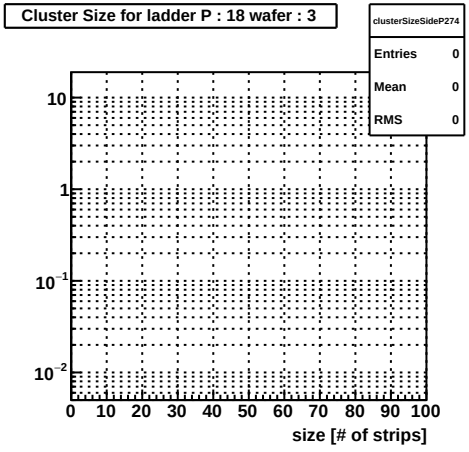

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

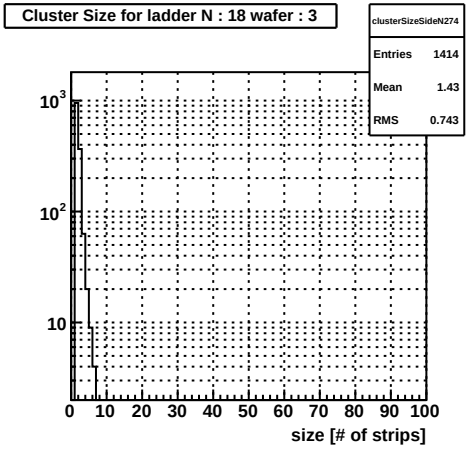

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 819
Mean 1.882
RMS 1.302
size [# of strips]

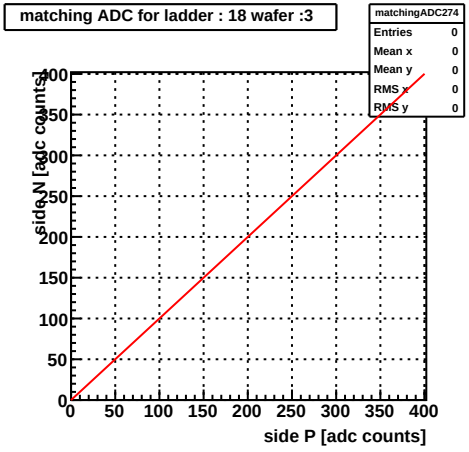

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

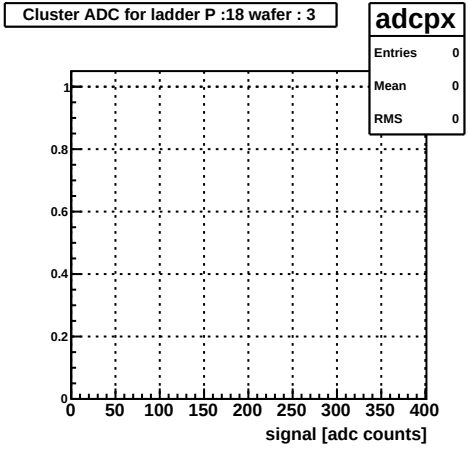

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

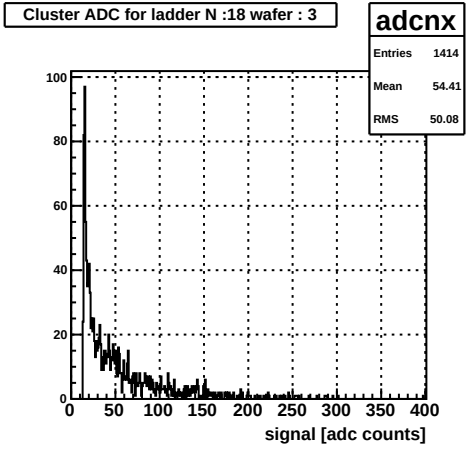

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 819
Mean 54.27
RMS 47.27
signal [adc counts]

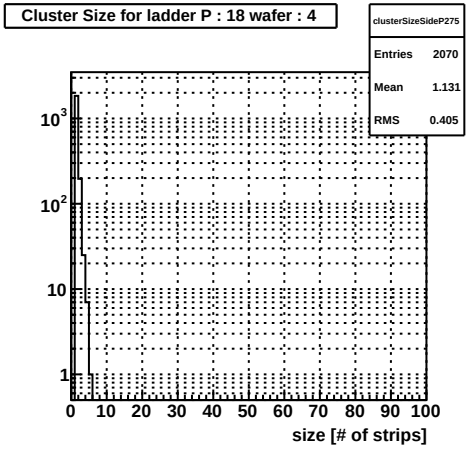

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

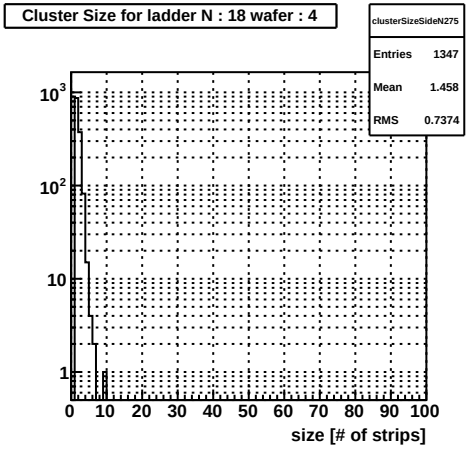

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1414
Mean 1.43
RMS 0.743
size [# of strips]

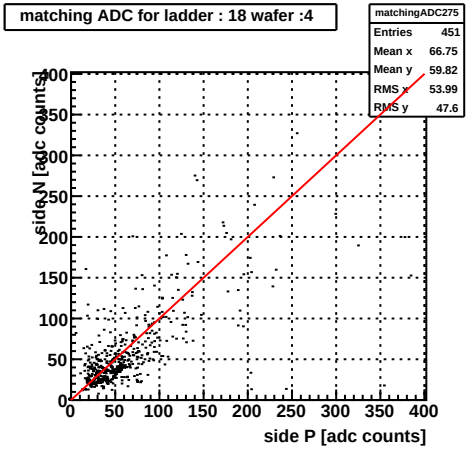

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

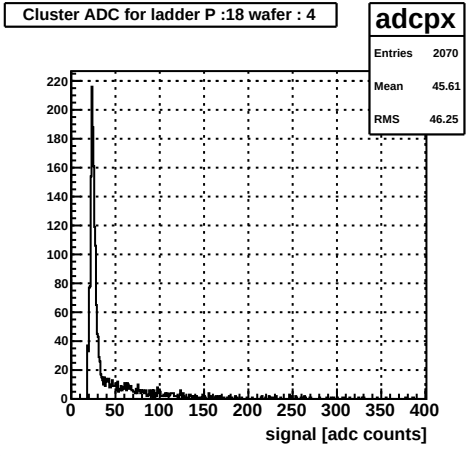

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

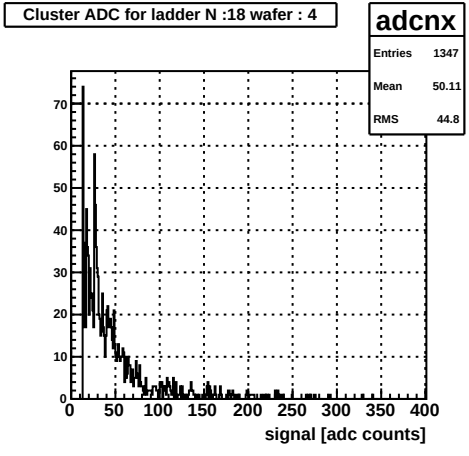

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1414
Mean 54.41
RMS 50.08
signal [adc counts]

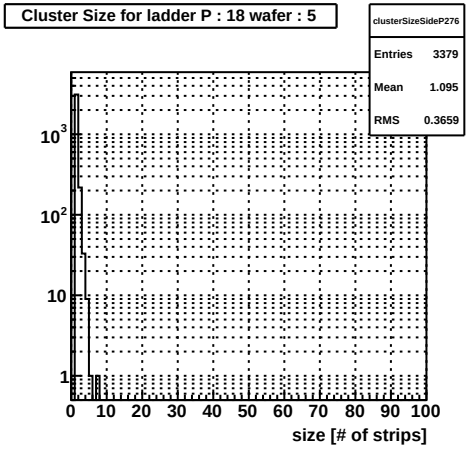

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 2070
Mean 1.131
RMS 0.405
size [# of strips]

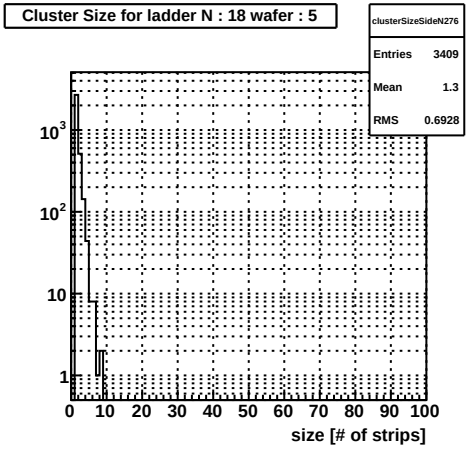

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 1347
Mean 1.458
RMS 0.7374
size [# of strips]

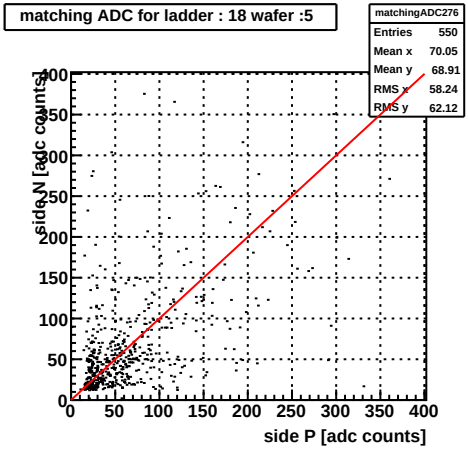

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 451
Mean x 66.75
Mean y 59.82
RMS x 53.99
RMS y 47.6
side N [adc counts]
side P [adc counts]

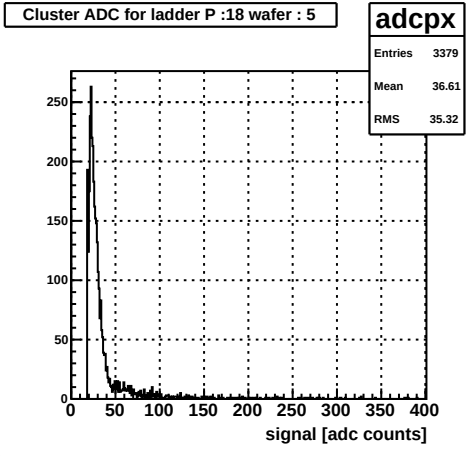

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 2070
Mean 45.61
RMS 46.25
signal [adc counts]

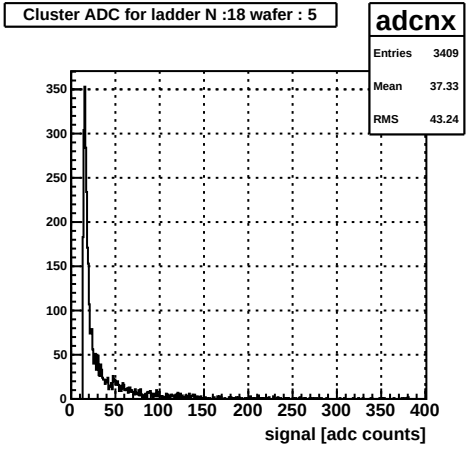

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 1347
Mean 50.11
RMS 44.8
signal [adc counts]

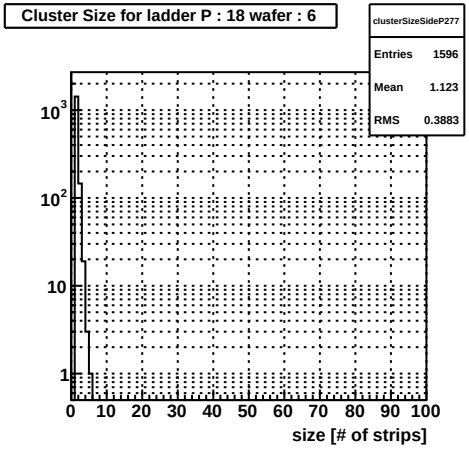

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 3379
Mean 1.095
RMS 0.3659
size [# of strips]

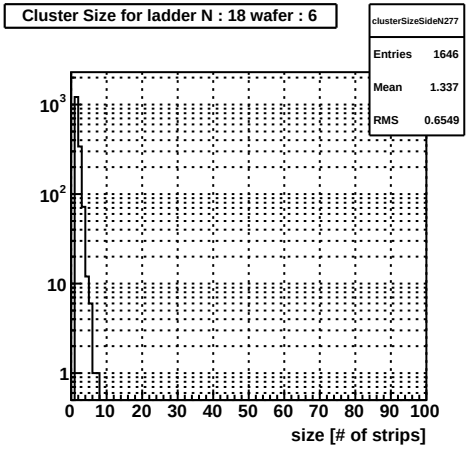

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 3409
Mean 1.3
RMS 0.6928
size [# of strips]

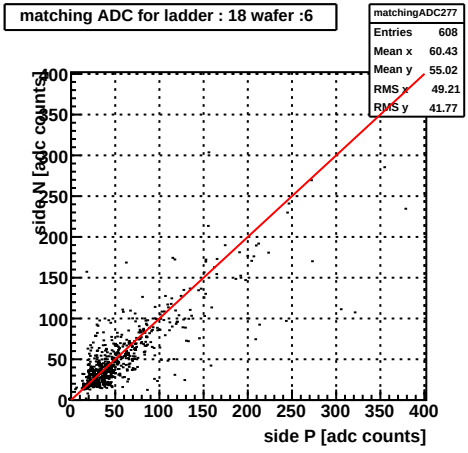

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 550
Mean x 70.05
Mean y 68.91
RMS x 58.24
RMS y 62.12
side N [adc counts]
side P [adc counts]

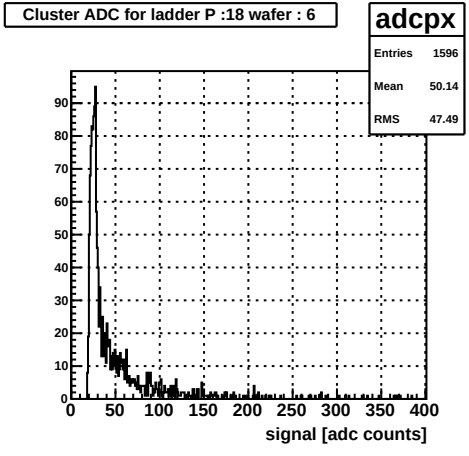

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 3379
Mean 36.61
RMS 35.32
signal [adc counts]

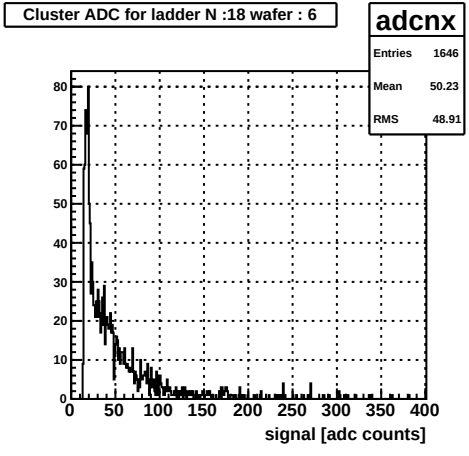

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 3409
Mean 37.33
RMS 43.24
signal [adc counts]

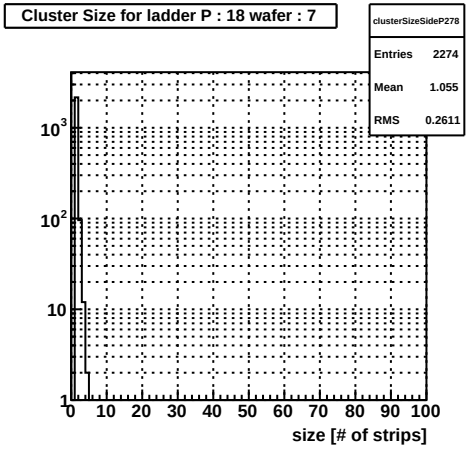

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 1596
Mean 1.123
RMS 0.3883
size [# of strips]

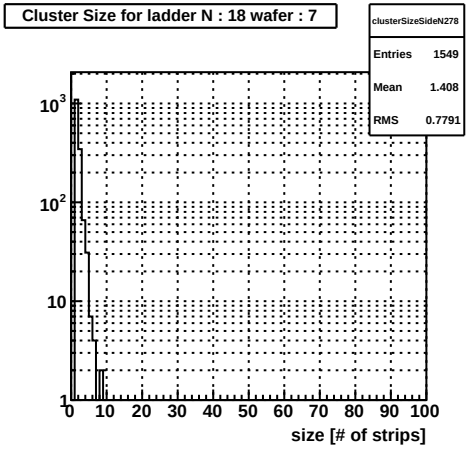

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1646
Mean 1.337
RMS 0.6549
size [# of strips]

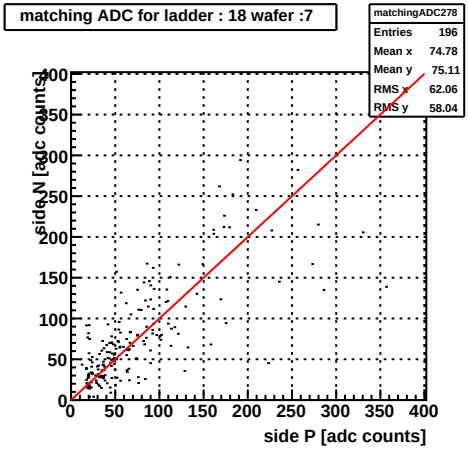

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 608
Mean x 60.43
Mean y 55.02
RMS x 49.21
RMS y 41.77
side N [adc counts]
side P [adc counts]

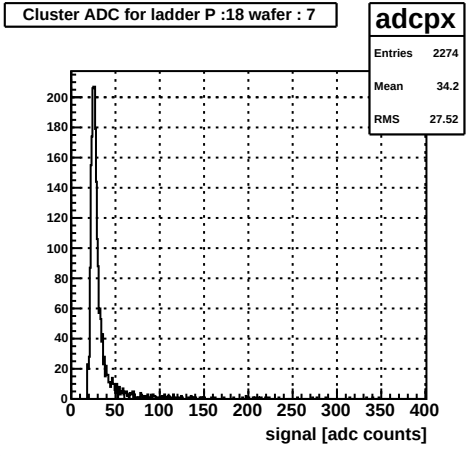

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 1596
Mean 50.14
RMS 47.49
signal [adc counts]

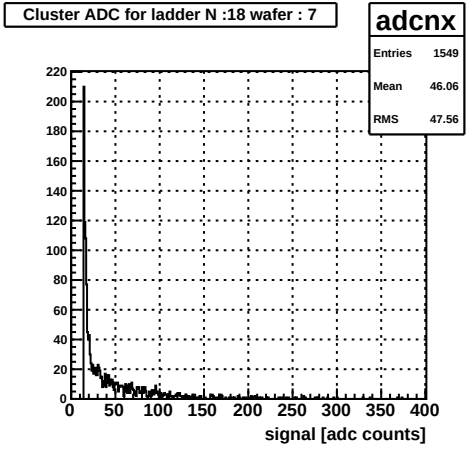

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1646
Mean 50.23
RMS 48.91
signal [adc counts]

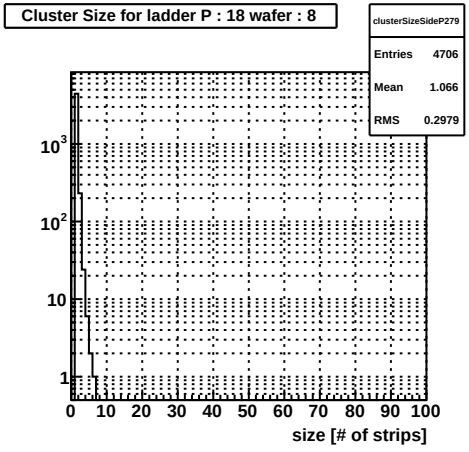

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 2274
Mean 1.055
RMS 0.2611
size [# of strips]

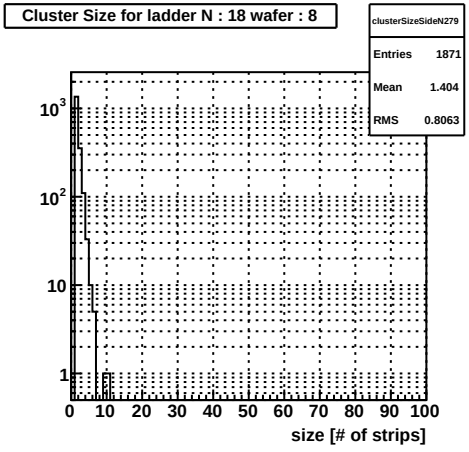

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 1549
Mean 1.408
RMS 0.7791
size [# of strips]

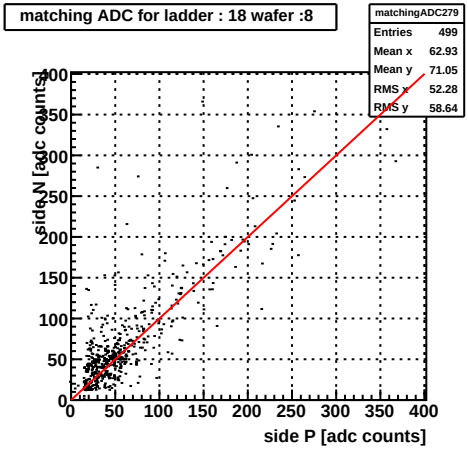

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 196
Mean x 74.78
Mean y 75.11
RMS x 62.06
RMS y 58.04
side N [adc counts]
side P [adc counts]

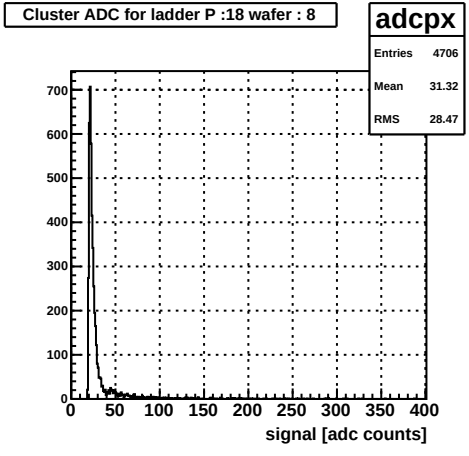

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 2274
Mean 34.2
RMS 27.52
signal [adc counts]

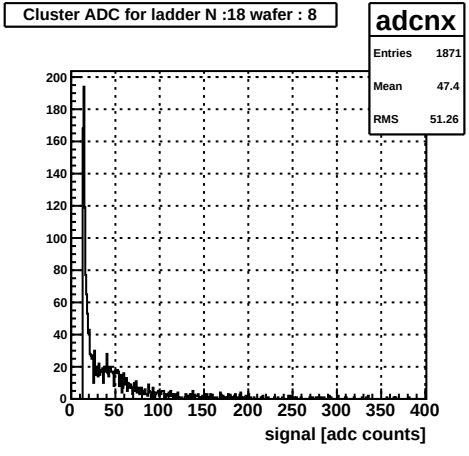

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 1549
Mean 46.06
RMS 47.56
signal [adc counts]

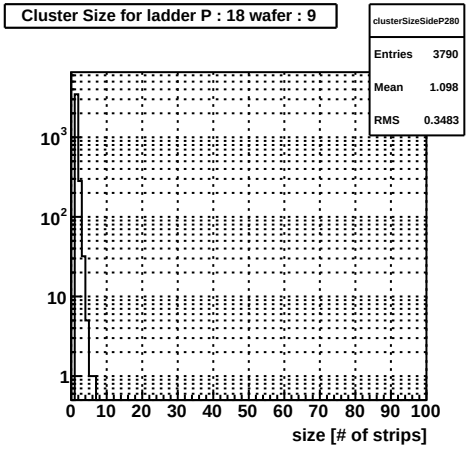

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 4706
Mean 1.066
RMS 0.2979
size [# of strips]

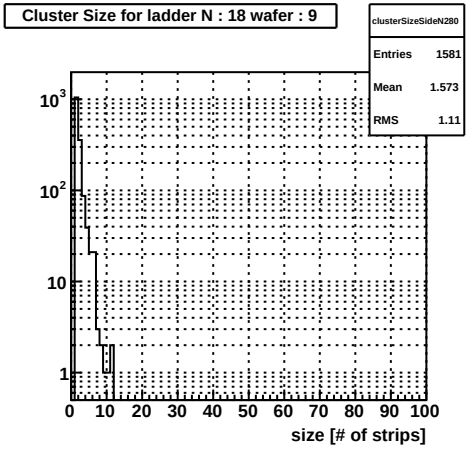

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 1871
Mean 1.404
RMS 0.8063
size [# of strips]

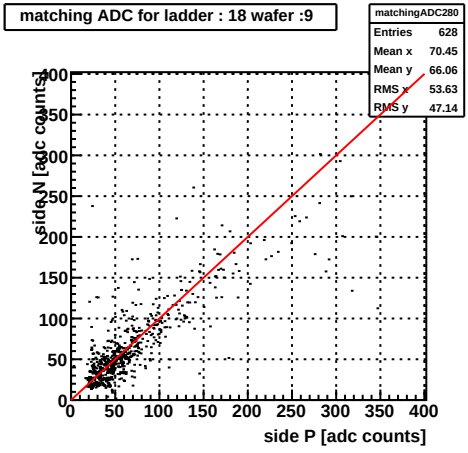

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 499
Mean x 62.93
Mean y 71.05
RMS x 52.28
RMS y 58.64
side N [adc counts]
side P [adc counts]

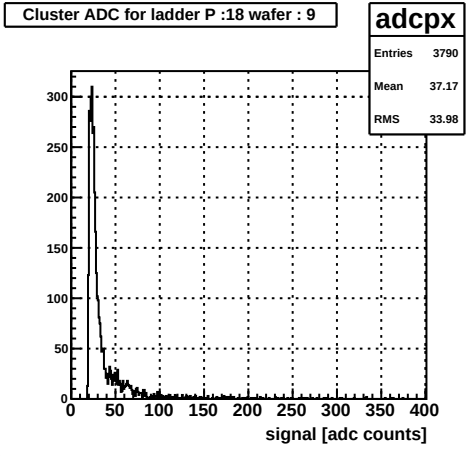

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 4706
Mean 31.32
RMS 28.47
signal [adc counts]

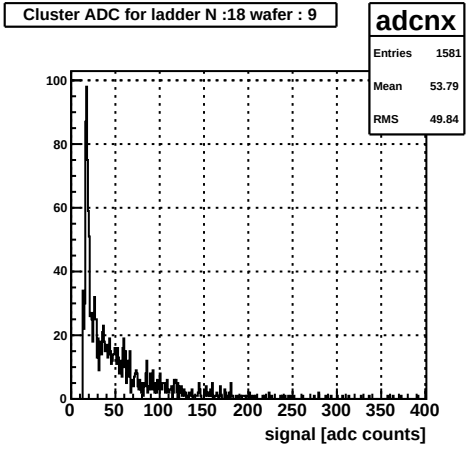

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 1871
Mean 47.4
RMS 51.26
signal [adc counts]

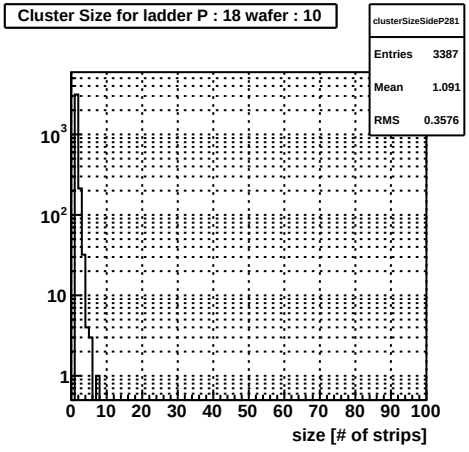

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 3790
Mean 1.098
RMS 0.3483
size [# of strips]

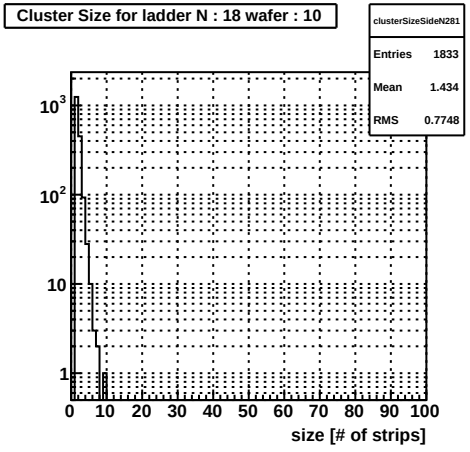

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 1581
Mean 1.573
RMS 1.11
size [# of strips]

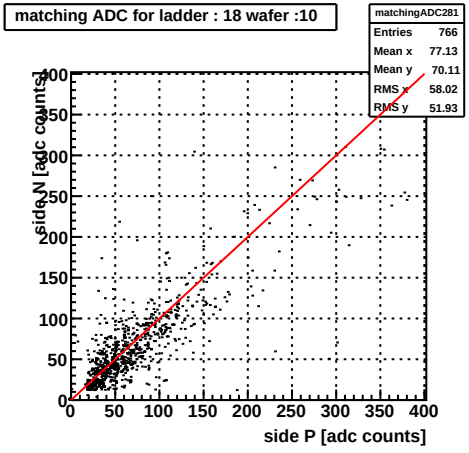

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 628
Mean x 70.45
Mean y 66.06
RMS x 53.63
RMS y 47.14
side N [adc counts]
side P [adc counts]

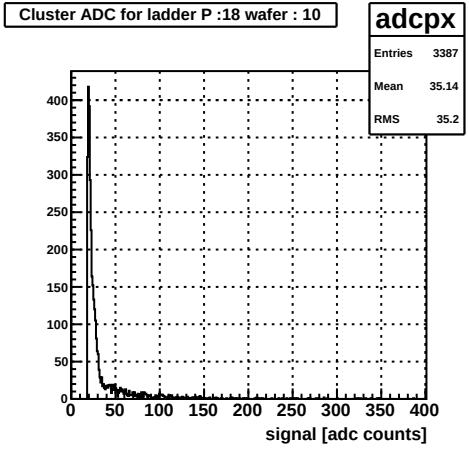

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 3790
Mean 37.17
RMS 33.98
signal [adc counts]

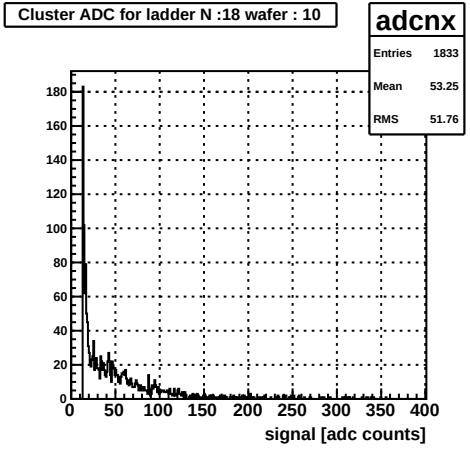

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 1581
Mean 53.79
RMS 49.84
signal [adc counts]

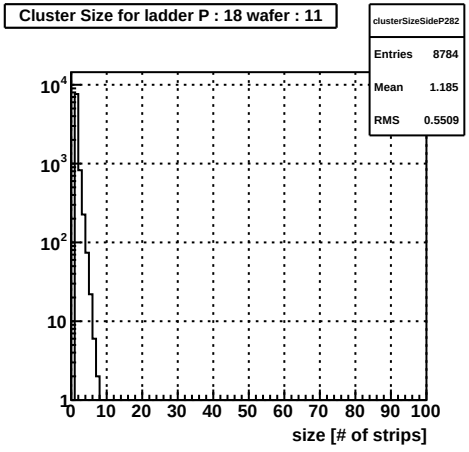

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 3387
Mean 1.091
RMS 0.3576
size [# of strips]

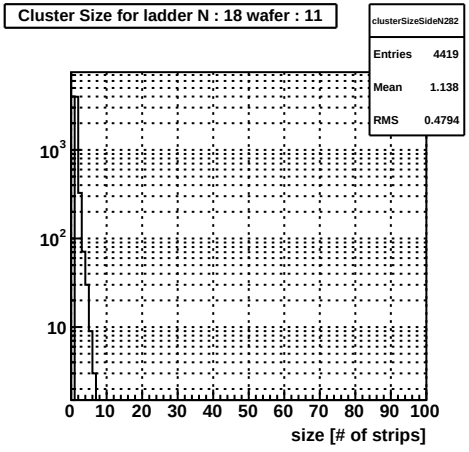

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1833
Mean 1.434
RMS 0.7748
size [# of strips]

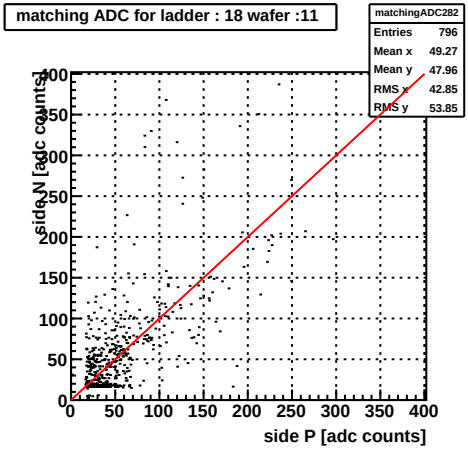

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 766
Mean x 77.13
Mean y 70.11
RMS x 58.02
RMS y 51.93
side N [adc counts]
side P [adc counts]

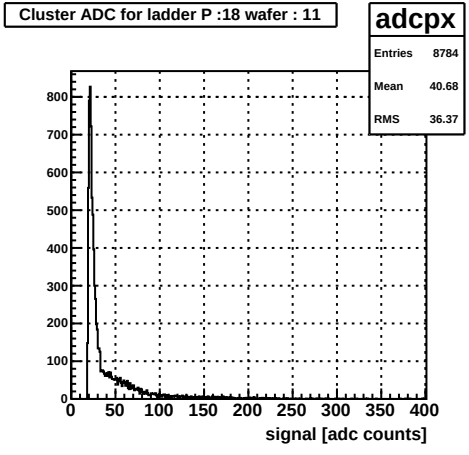

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 3387
Mean 35.14
RMS 35.2
signal [adc counts]

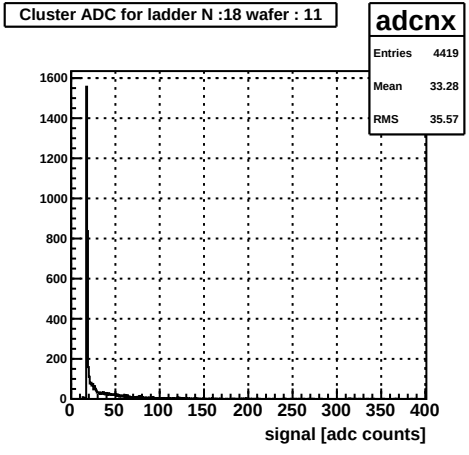

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1833
Mean 53.25
RMS 51.76
signal [adc counts]

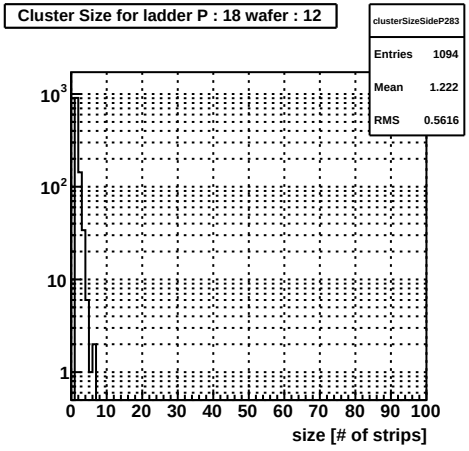

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 8784
Mean 1.185
RMS 0.5509
size [# of strips]

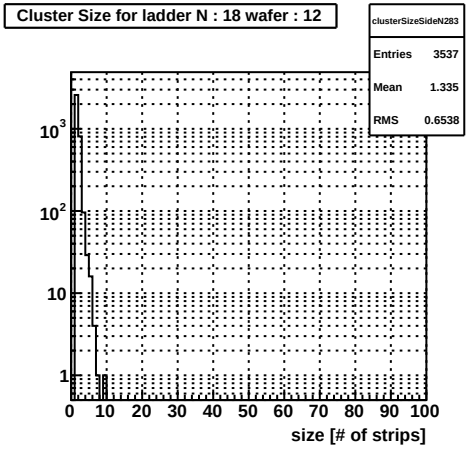

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 4419
Mean 1.138
RMS 0.4794
size [# of strips]

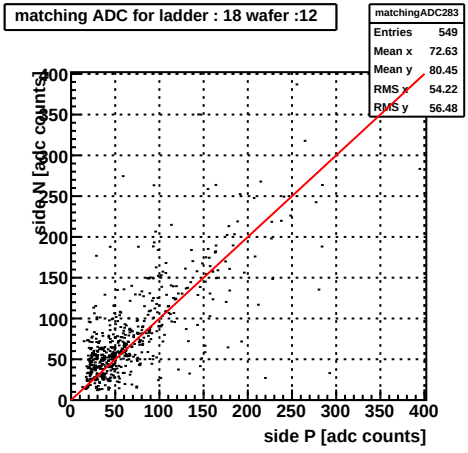

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 796
Mean x 49.27
Mean y 47.96
RMS x 42.85
RMS y 53.85
side N [adc counts]
side P [adc counts]

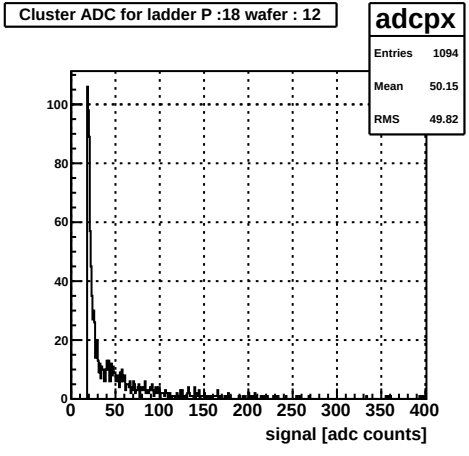

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 8784
Mean 40.68
RMS 36.37
signal [adc counts]

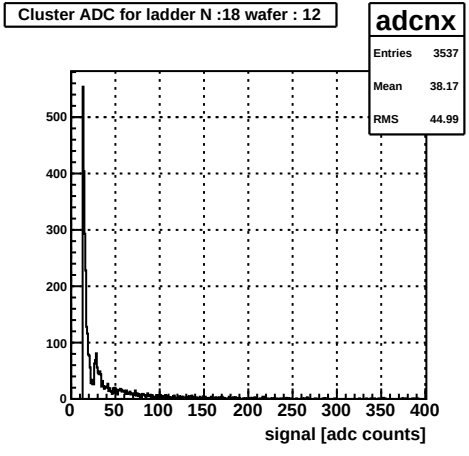

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 4419
Mean 33.28
RMS 35.57
signal [adc counts]

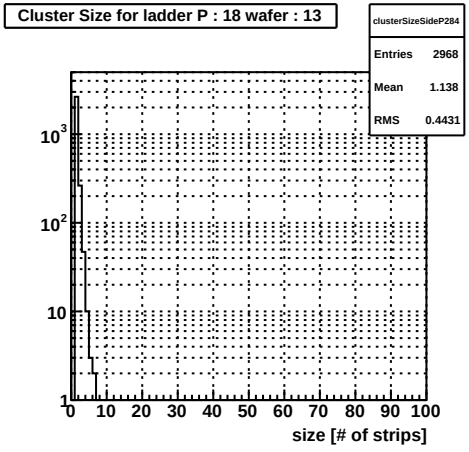

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1094
Mean 1.222
RMS 0.5616
size [# of strips]

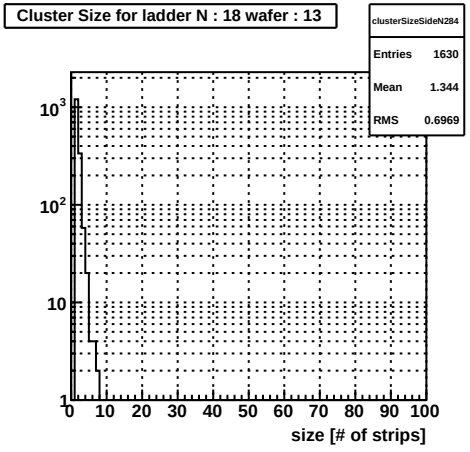

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 3537
Mean 1.335
RMS 0.6538
size [# of strips]

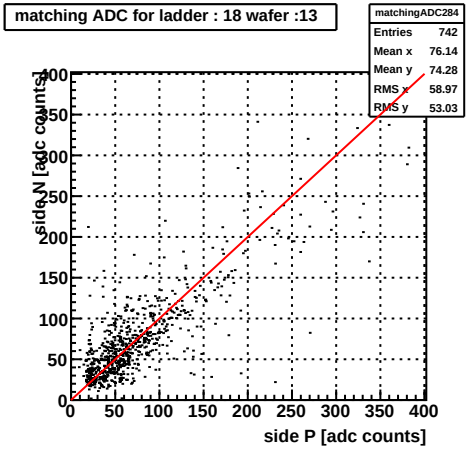

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 549
Mean x 72.63
Mean y 80.45
RMS x 54.22
RMS y 56.48
side N [adc counts]
side P [adc counts]

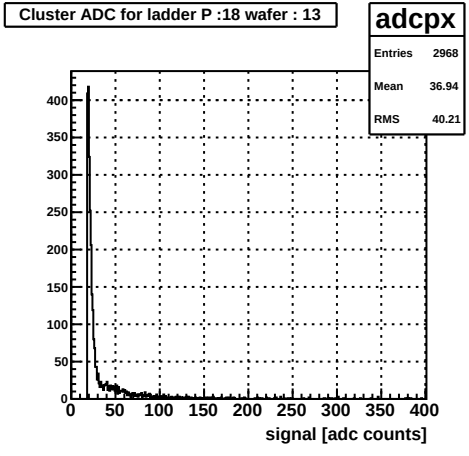

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1094
Mean 50.15
RMS 49.82
signal [adc counts]

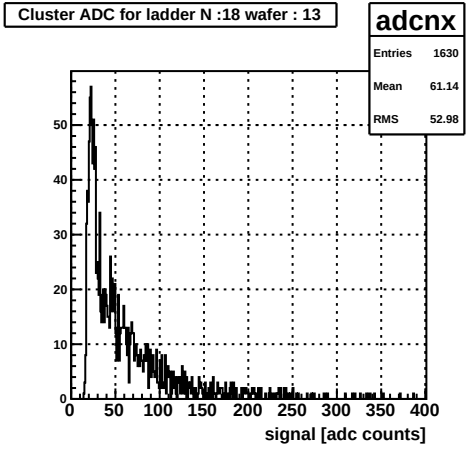

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 3537
Mean 38.17
RMS 44.99
signal [adc counts]

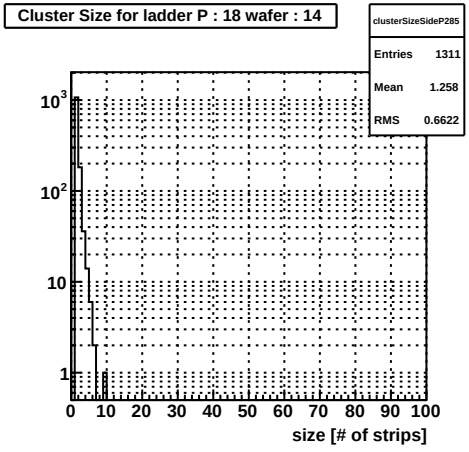

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 2968
Mean 1.138
RMS 0.4431
size [# of strips]

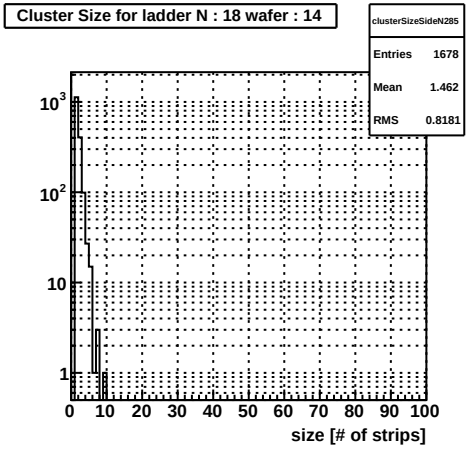

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 1630
Mean 1.344
RMS 0.6969
size [# of strips]

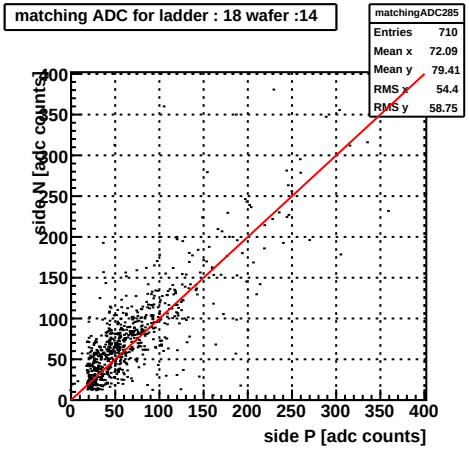

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 742
Mean x 76.14
Mean y 74.28
RMS x 58.97
RMS y 53.03
side N [adc counts]
side P [adc counts]

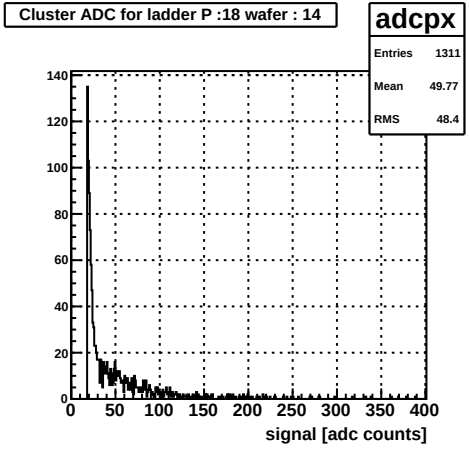

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 2968
Mean 36.94
RMS 40.21
signal [adc counts]

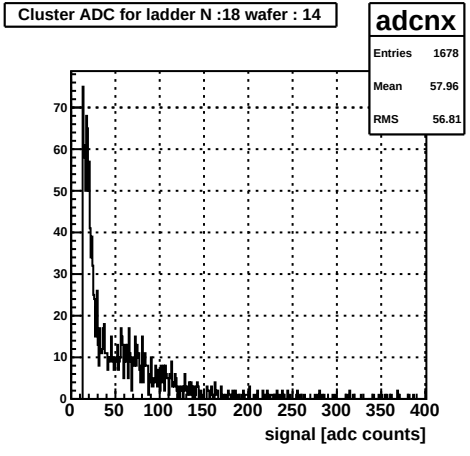

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 1630
Mean 61.14
RMS 52.98
signal [adc counts]

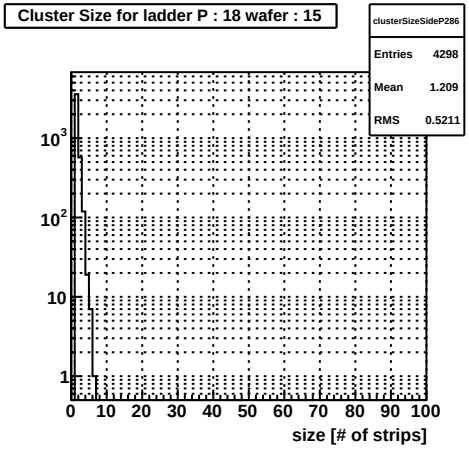

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1311
Mean 1.258
RMS 0.6622
size [# of strips]

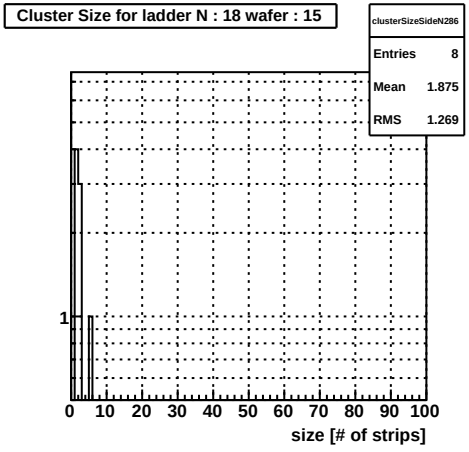

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 1678
Mean 1.462
RMS 0.8181
size [# of strips]

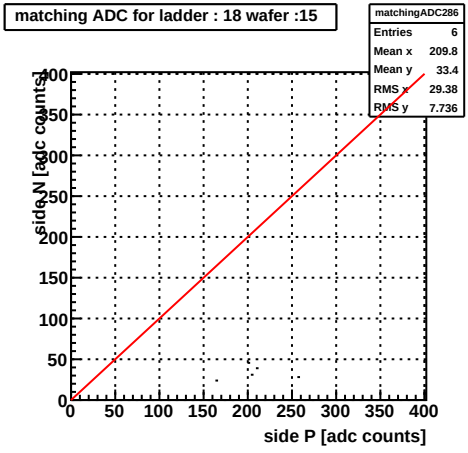

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 710
Mean x 72.09
Mean y 79.41
RMS x 54.4
RMS y 58.75
side N [adc counts]
side P [adc counts]

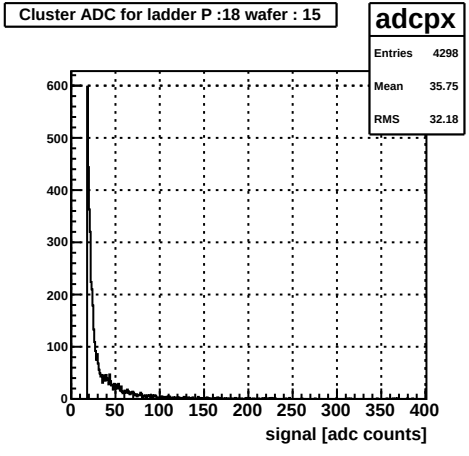

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1311
Mean 49.77
RMS 48.4
signal [adc counts]

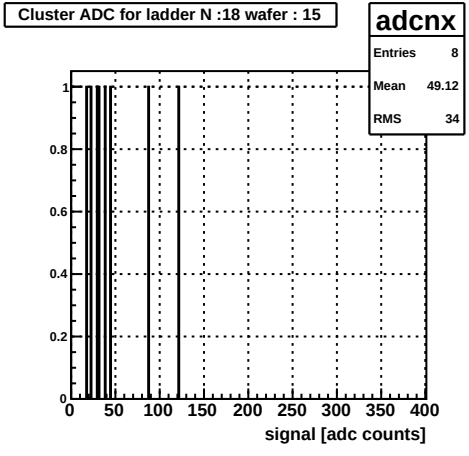

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 1678
Mean 57.96
RMS 56.81
signal [adc counts]

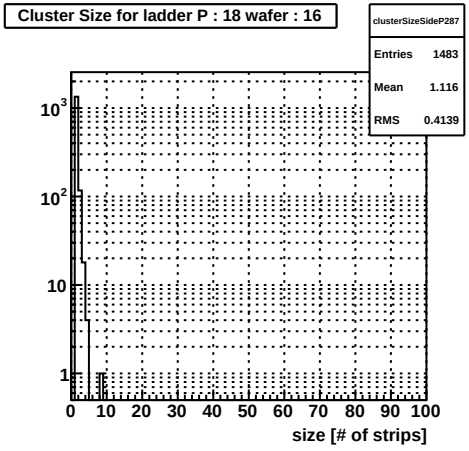

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 4298
Mean 1.209
RMS 0.5211
size [# of strips]

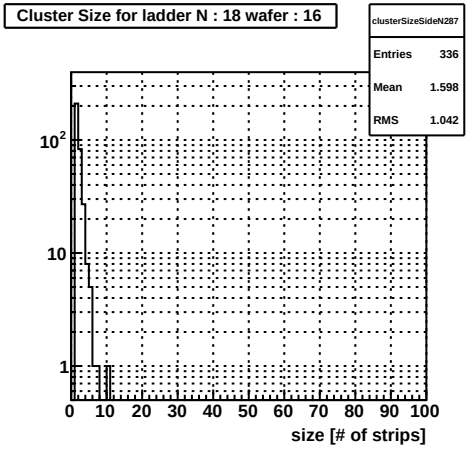

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 8
Mean 1.875
RMS 1.269
size [# of strips]

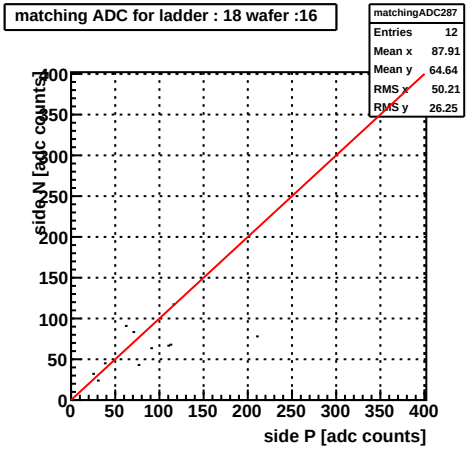

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 6
Mean x 209.8
Mean y 33.4
RMS x 29.38
RMS y 7.736
side N [adc counts]
side P [adc counts]

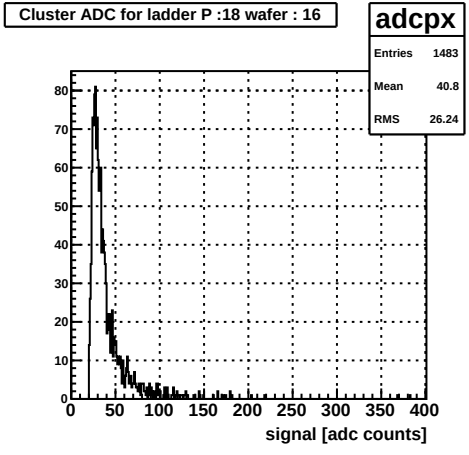

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 4298
Mean 35.75
RMS 32.18
signal [adc counts]

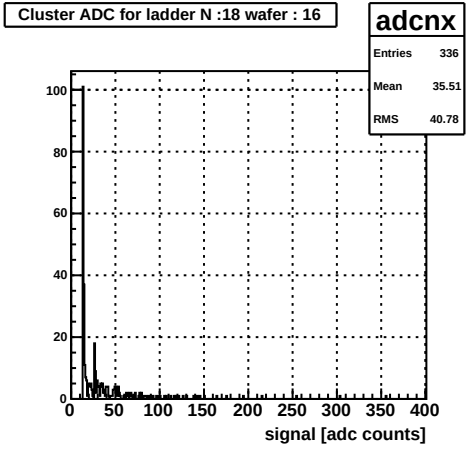

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 8
Mean 49.12
RMS 34
signal [adc counts]

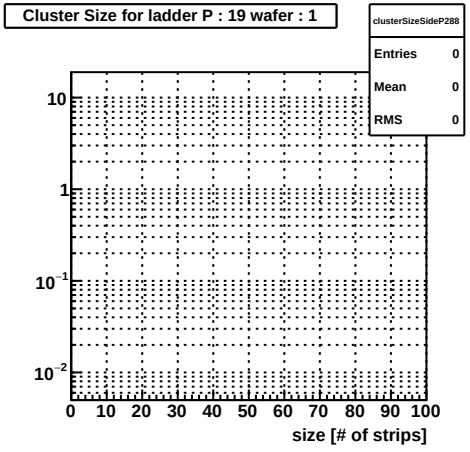

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 1483
Mean 1.116
RMS 0.4139
size [# of strips]

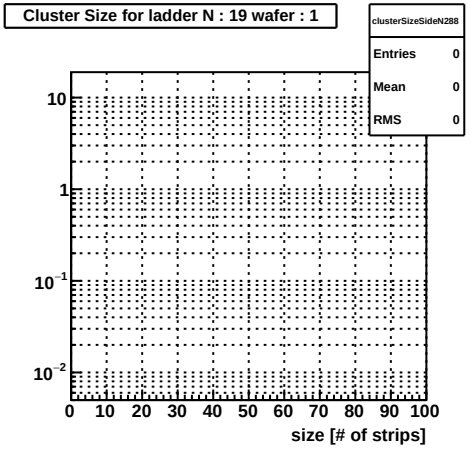

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 336
Mean 1.598
RMS 1.042
size [# of strips]

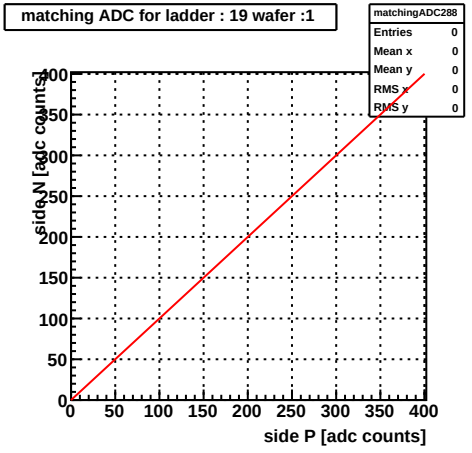

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 12
Mean x 87.91
Mean y 64.64
RMS x 50.21
RMS y 26.25
side N [adc counts]
side P [adc counts]

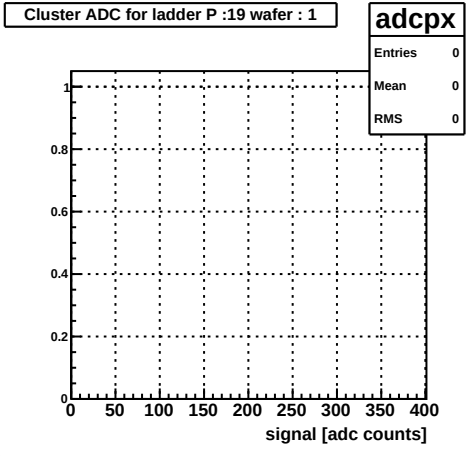

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 1483
Mean 40.8
RMS 26.24
signal [adc counts]

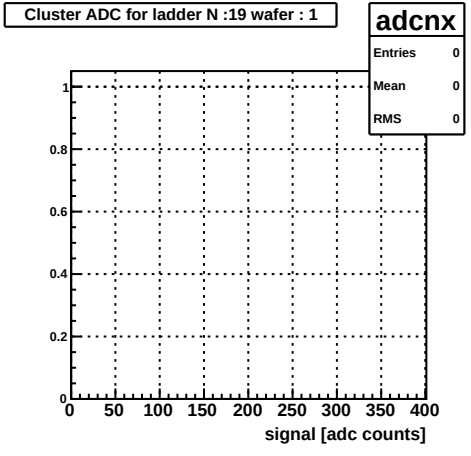

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 336
Mean 35.51
RMS 40.78
signal [adc counts]

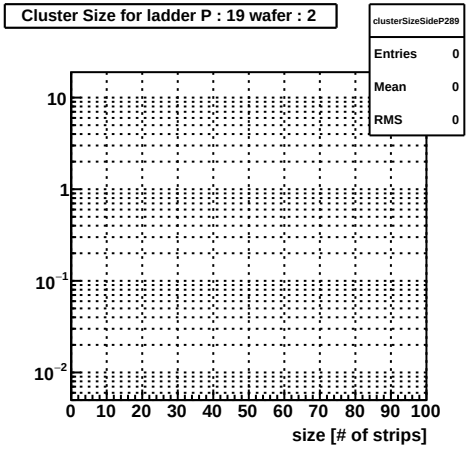

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

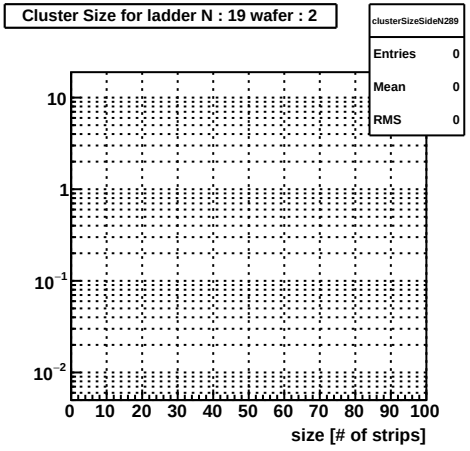

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

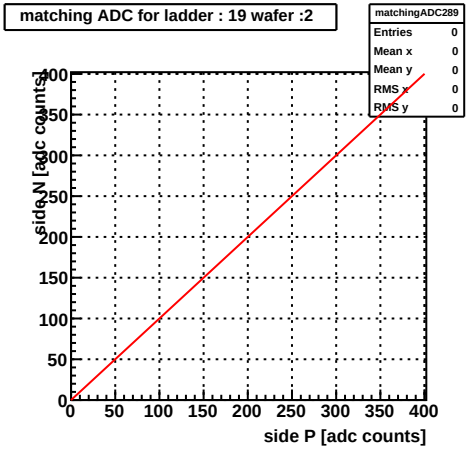

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

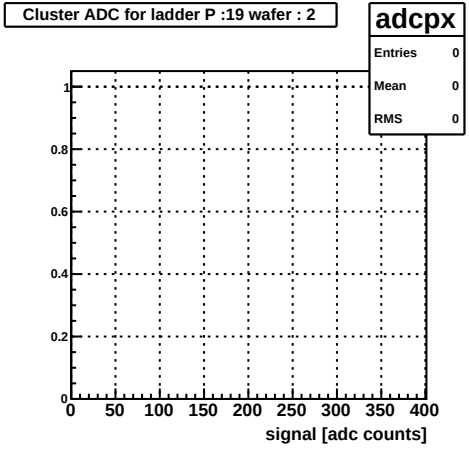

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

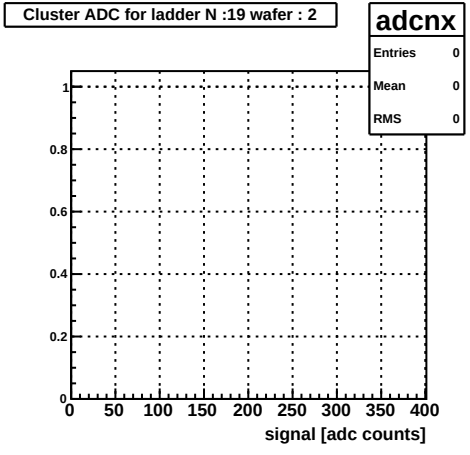

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

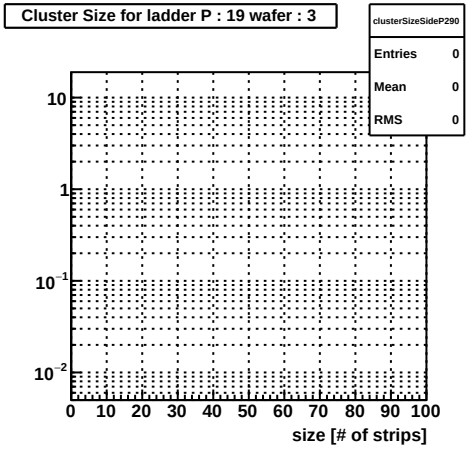

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

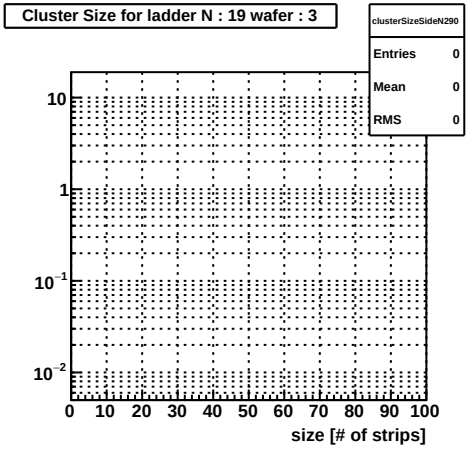

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

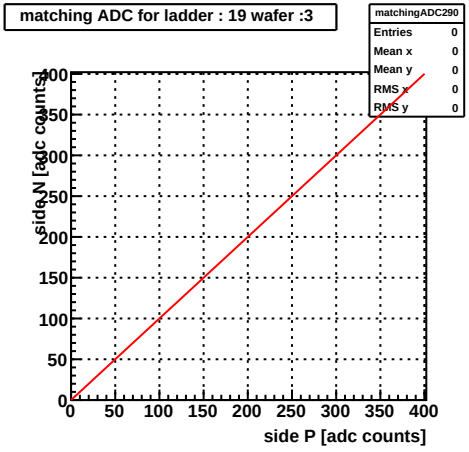

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

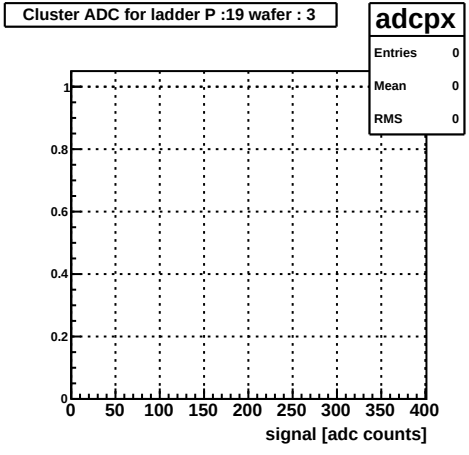

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

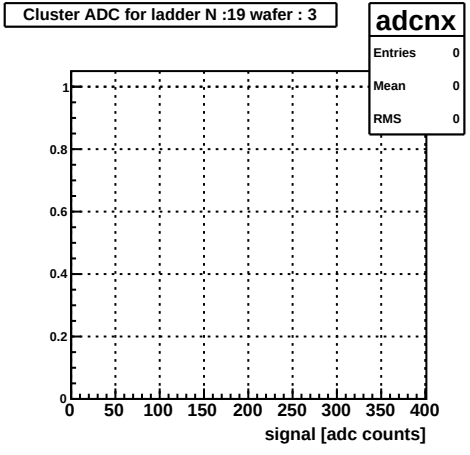

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

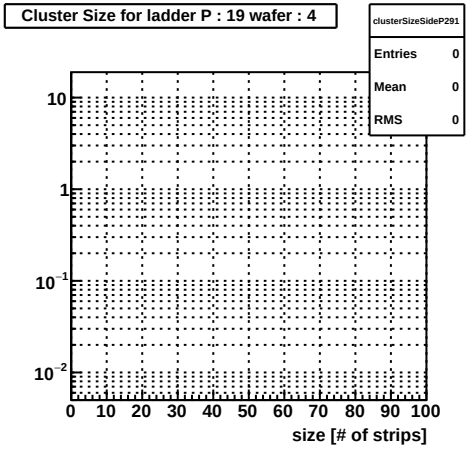

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

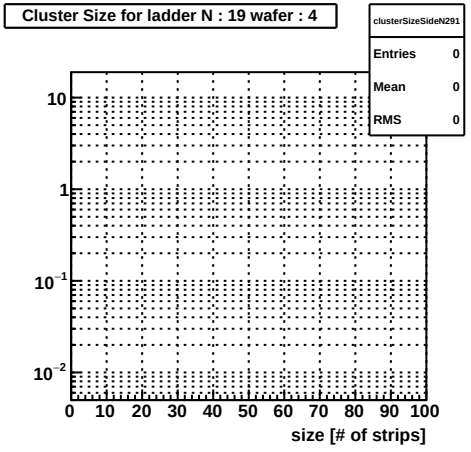

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

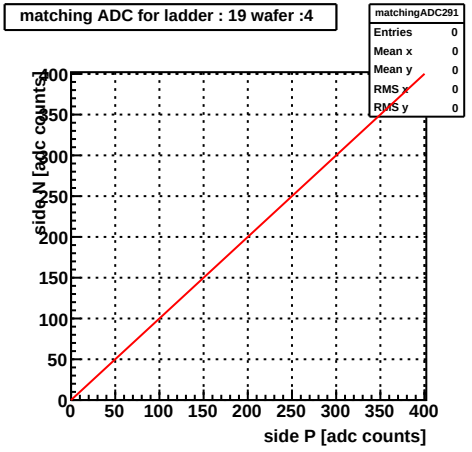

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

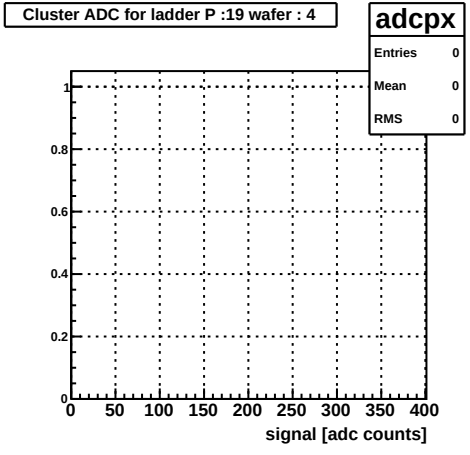

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

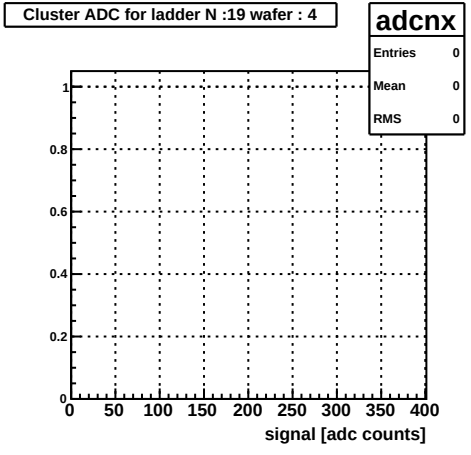

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

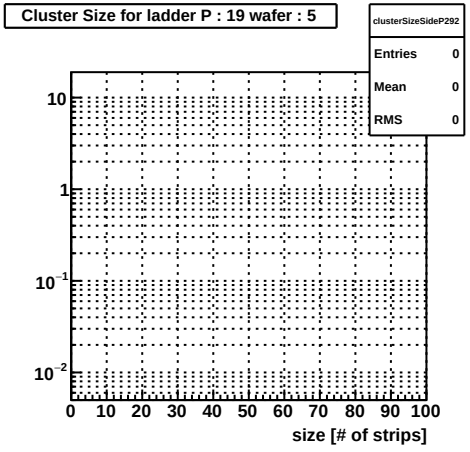

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

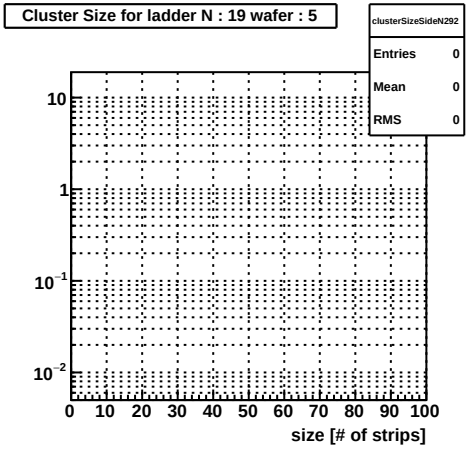

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

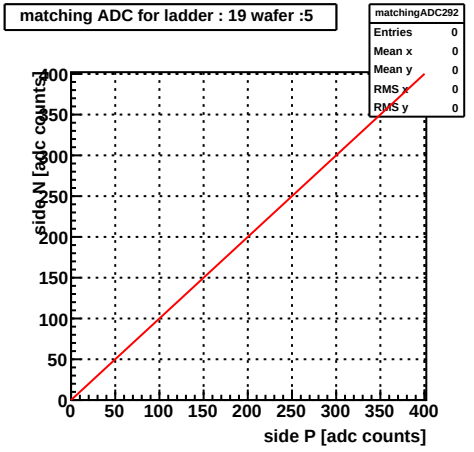

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

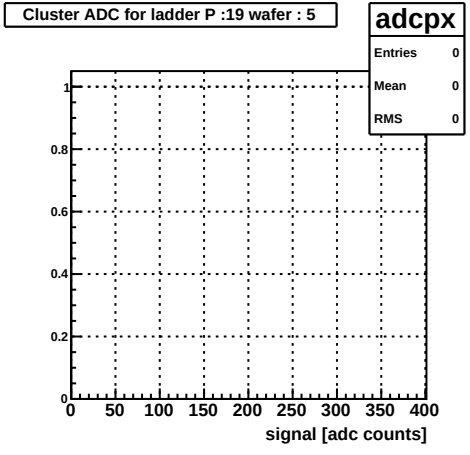

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

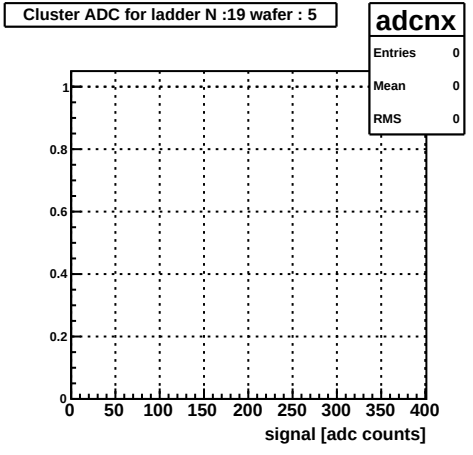

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

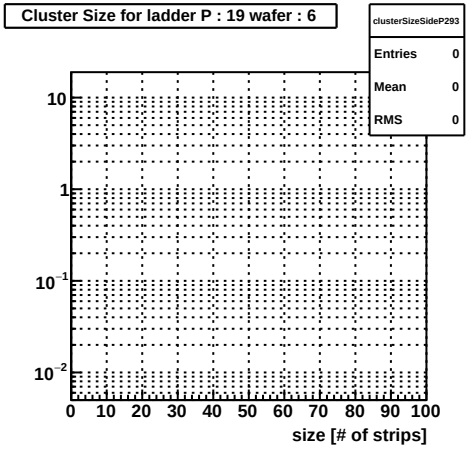

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

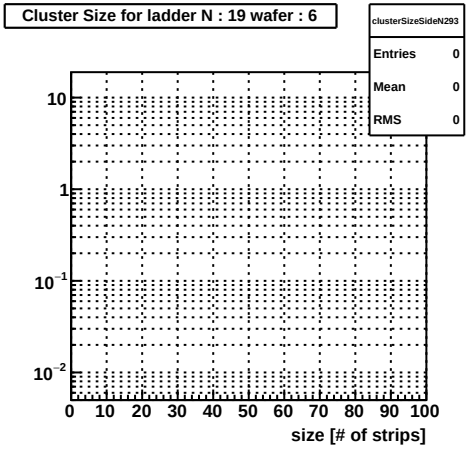

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

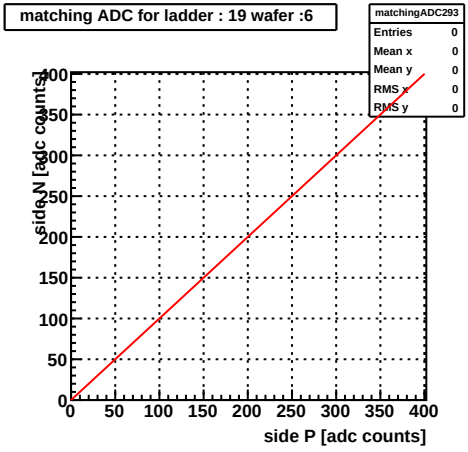

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

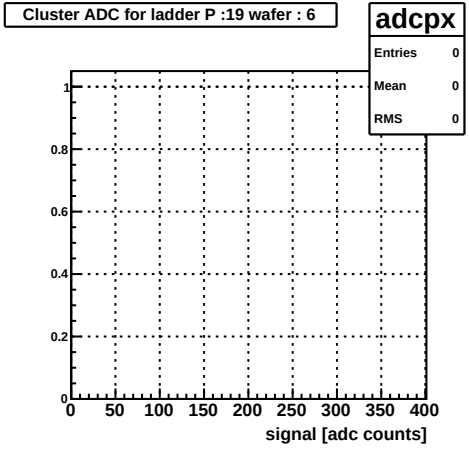

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

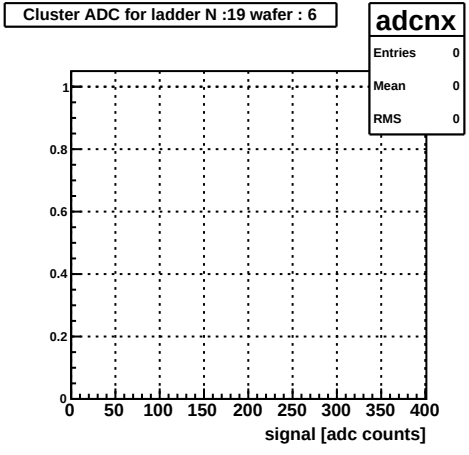

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

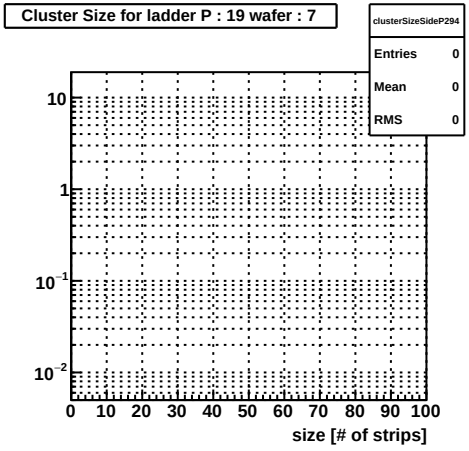

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

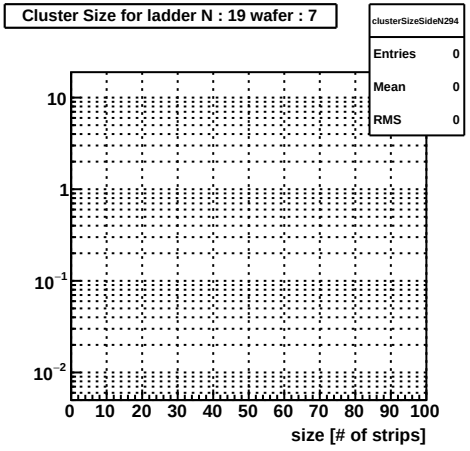

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

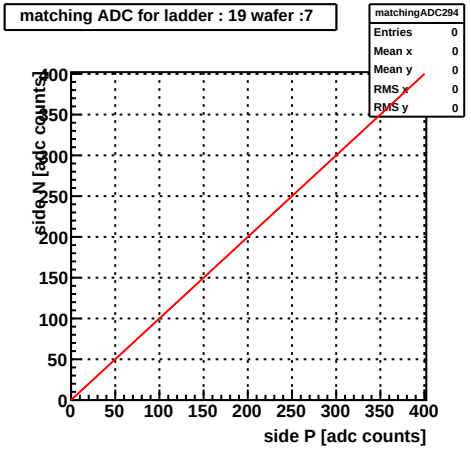

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

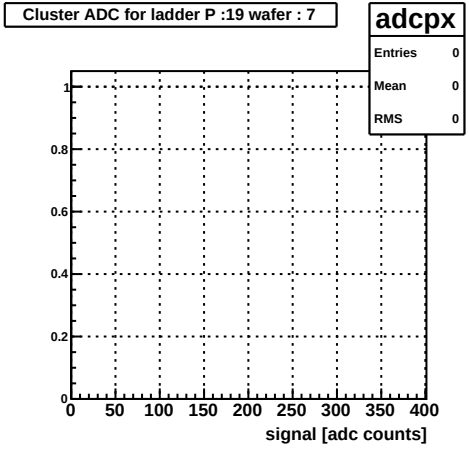

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

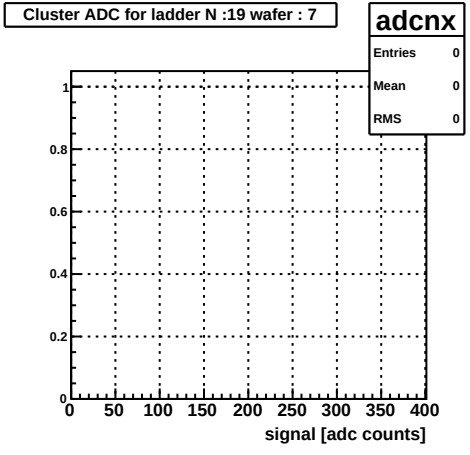

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

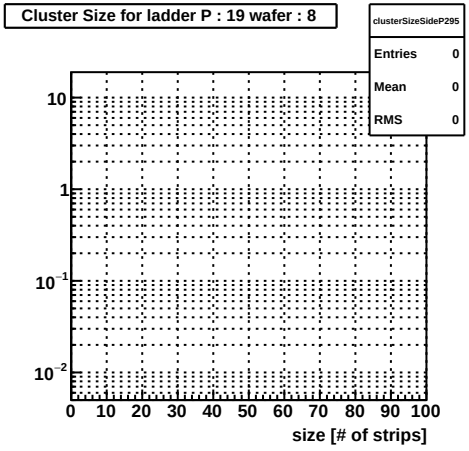

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

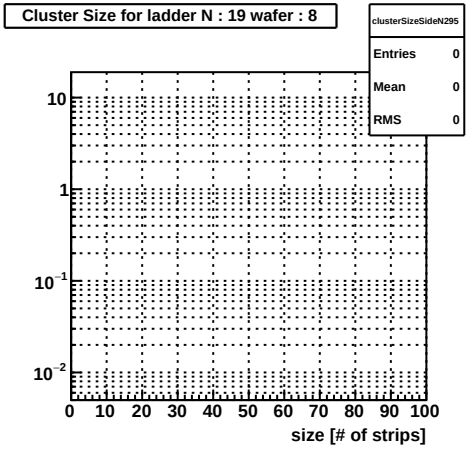

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

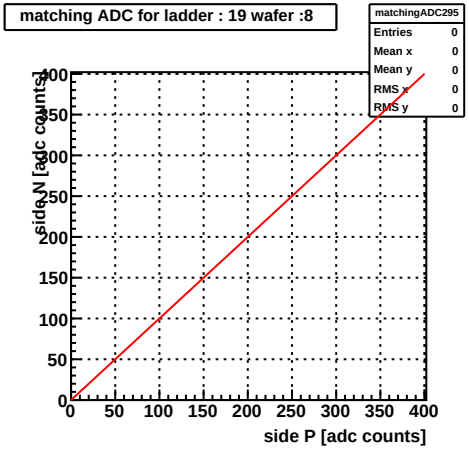

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

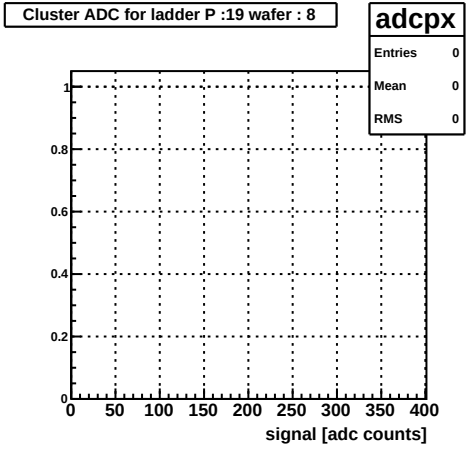

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

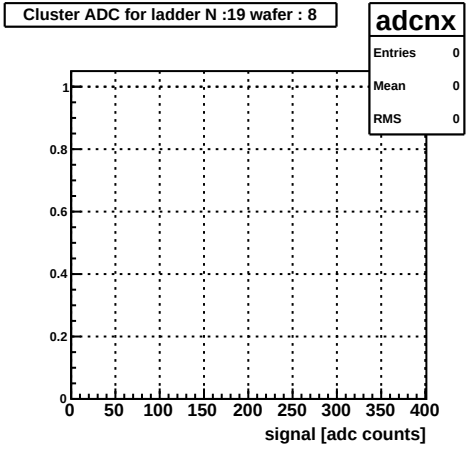

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

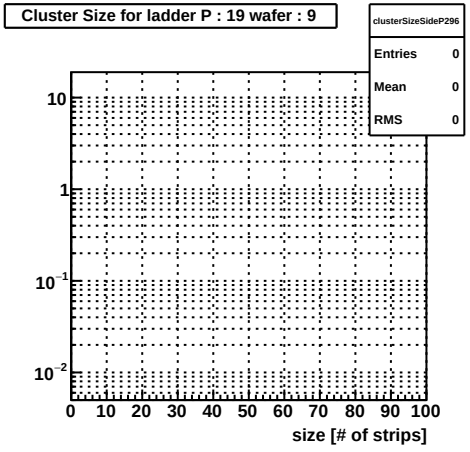

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

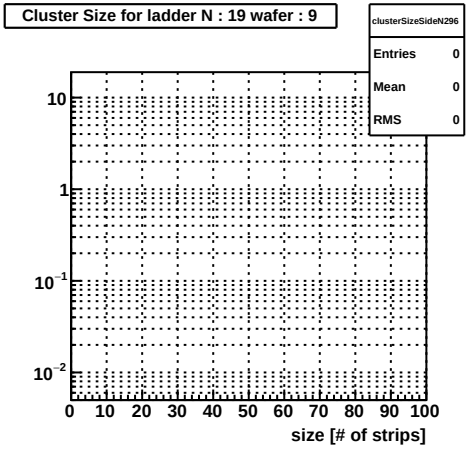

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

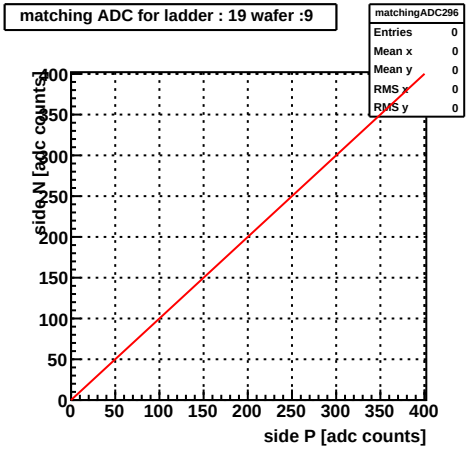

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

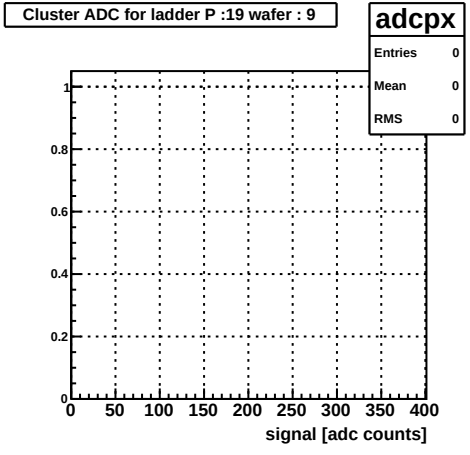

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

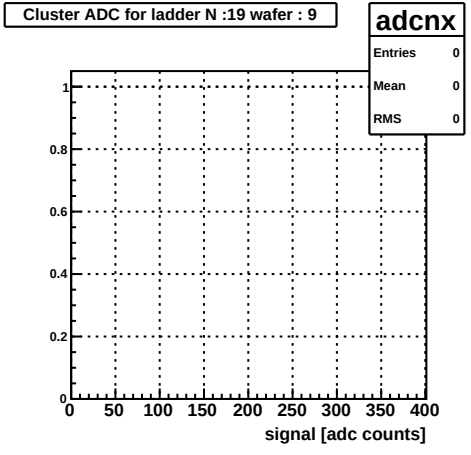

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

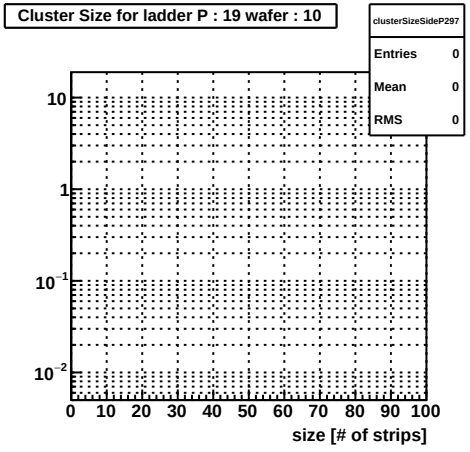

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

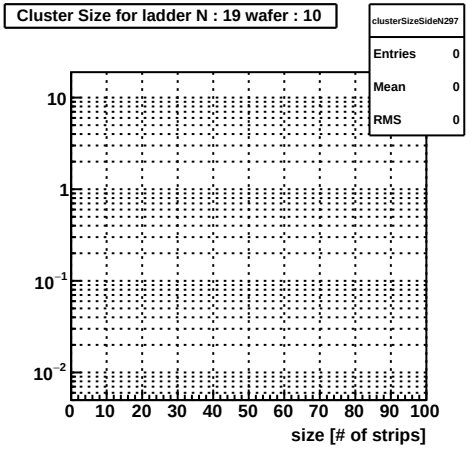

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

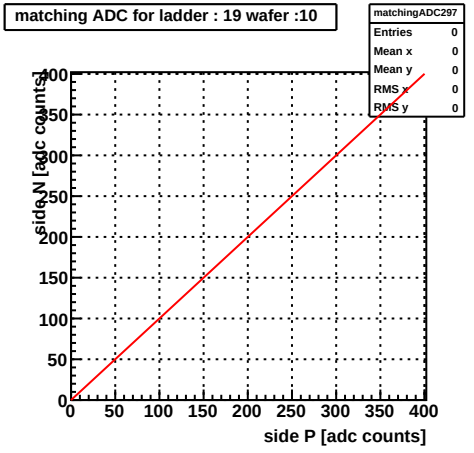

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

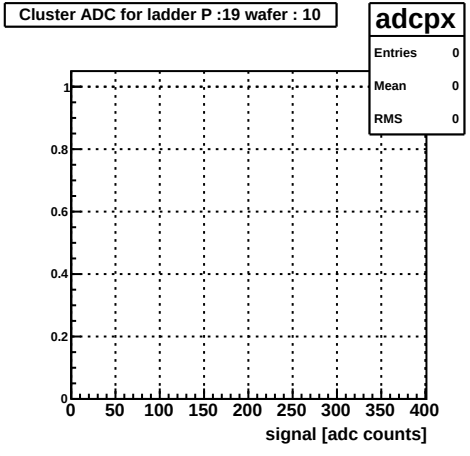

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

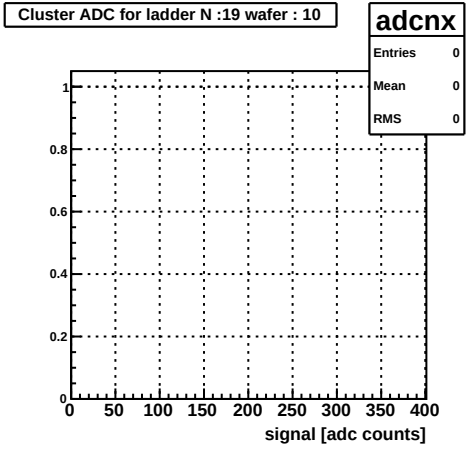

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

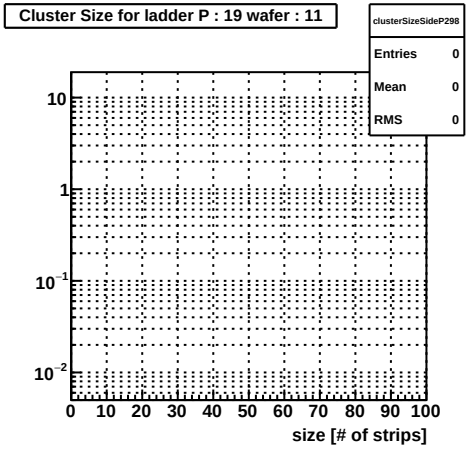

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

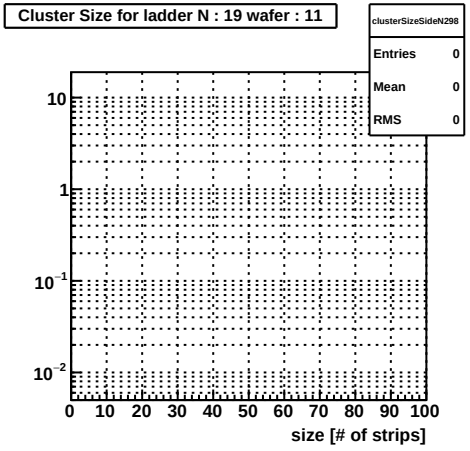

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

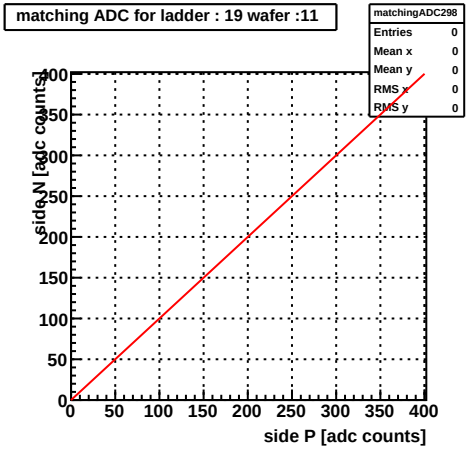

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

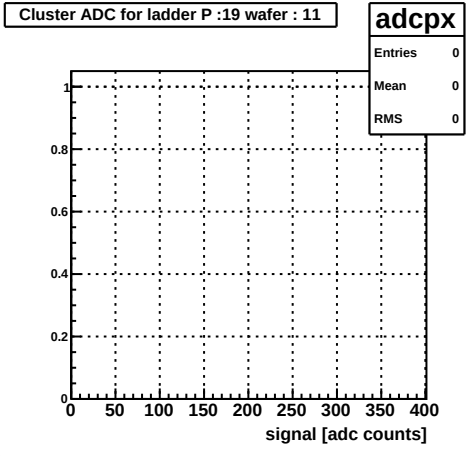

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

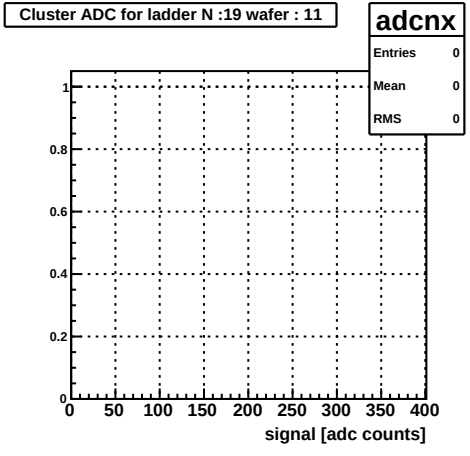

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

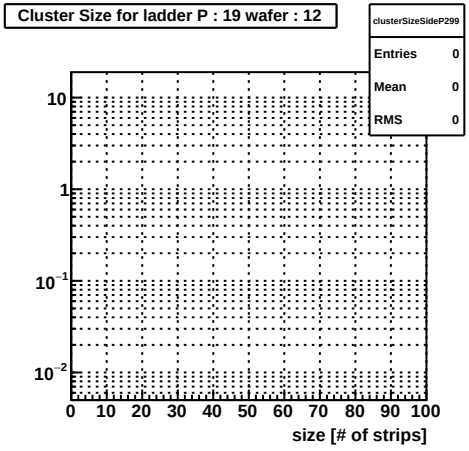

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

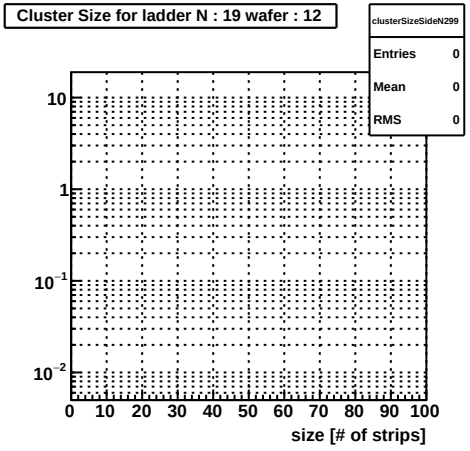

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

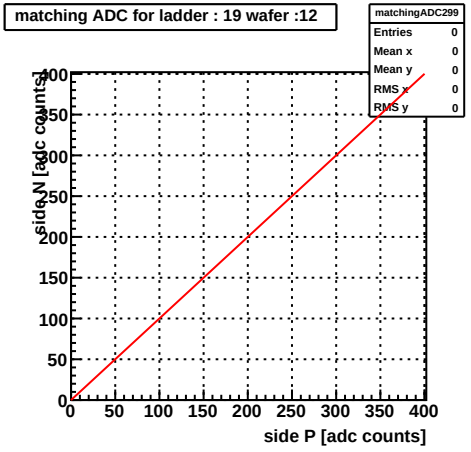

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

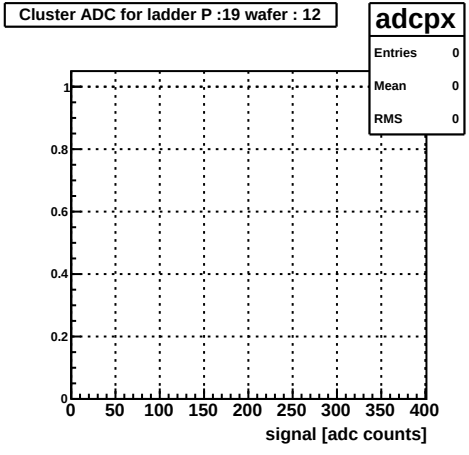

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

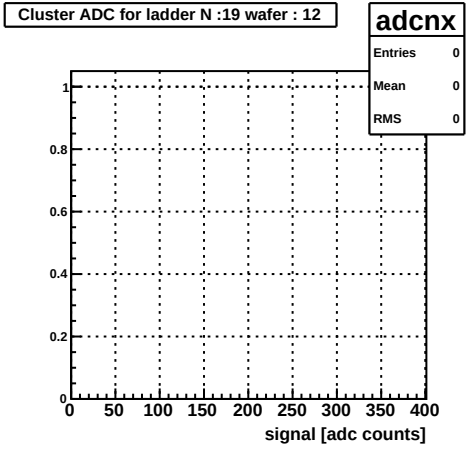

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

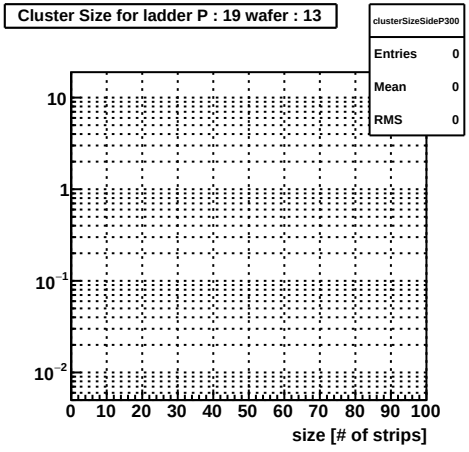

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

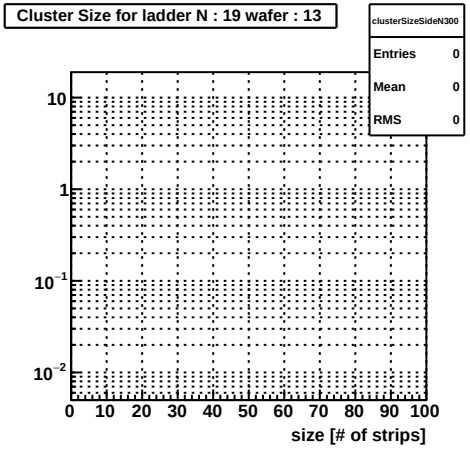

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

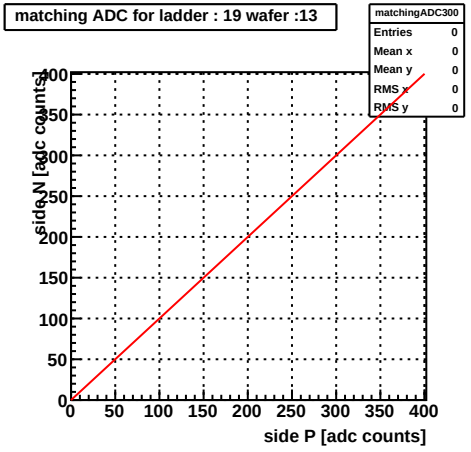

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

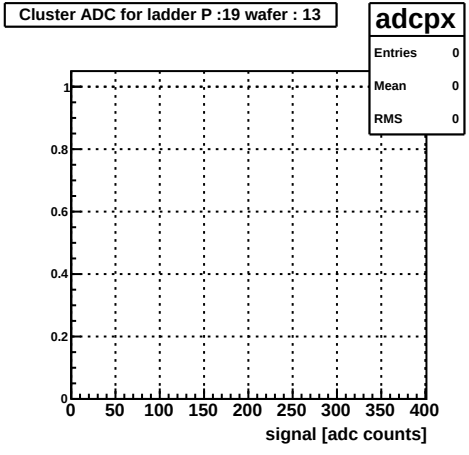

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

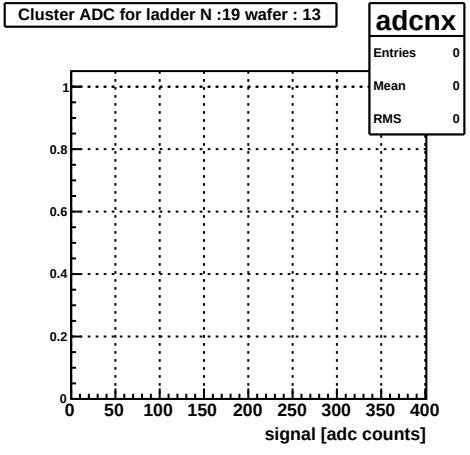

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

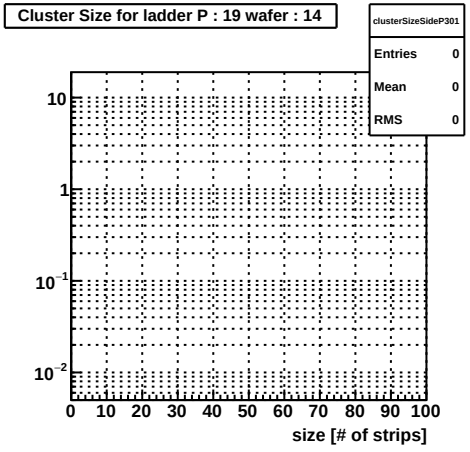

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

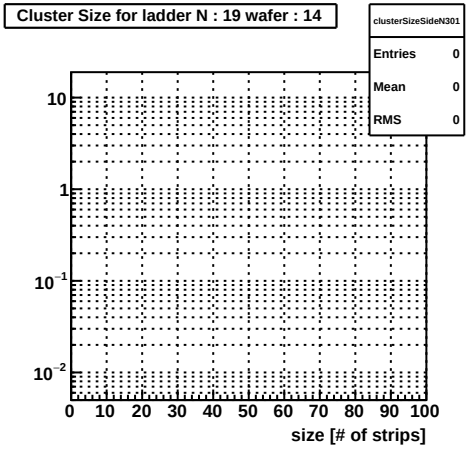

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

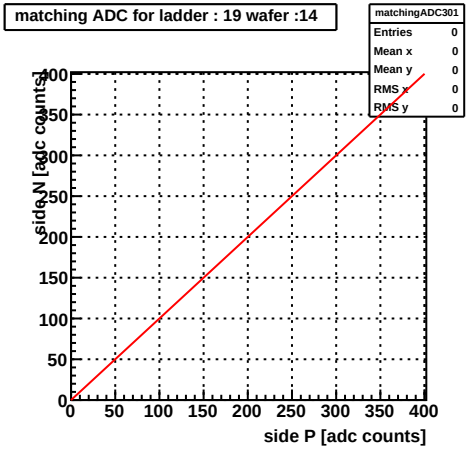

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

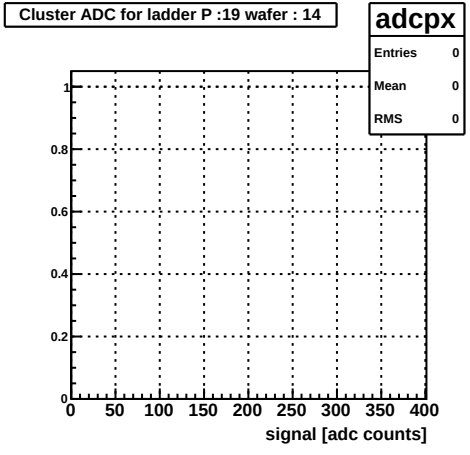

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

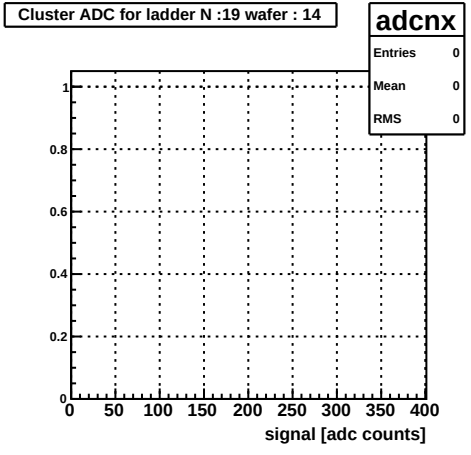

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

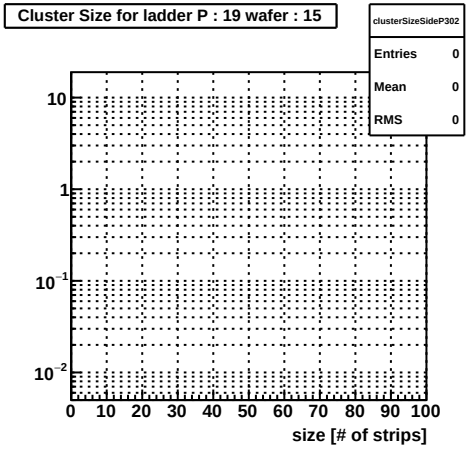

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

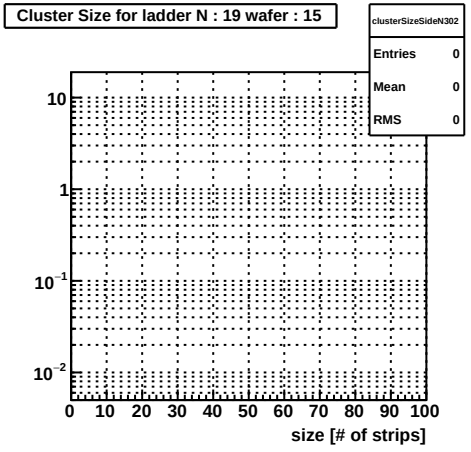

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

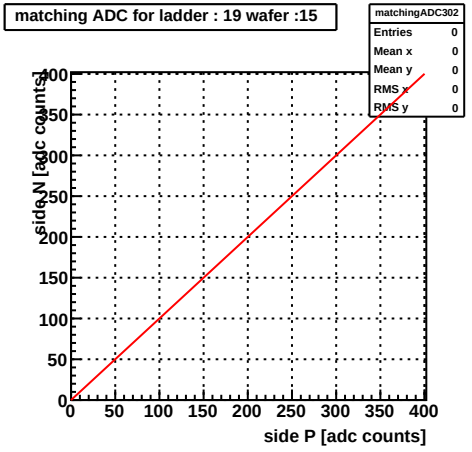

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

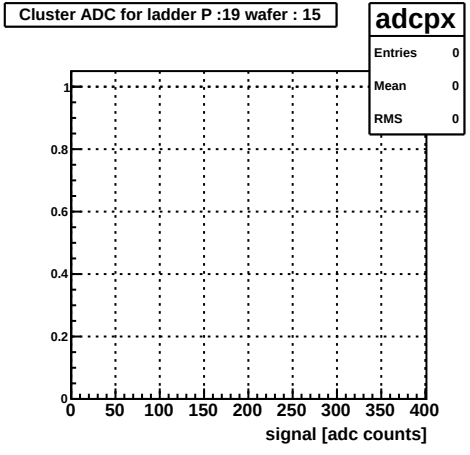

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

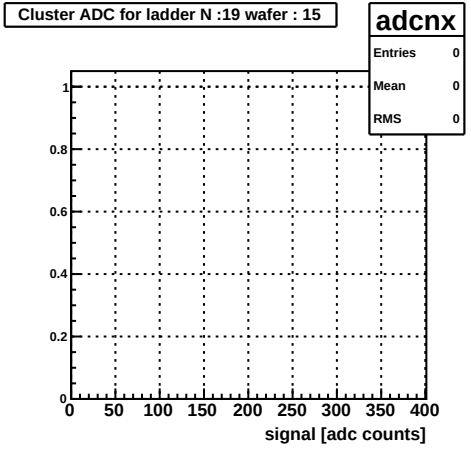

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

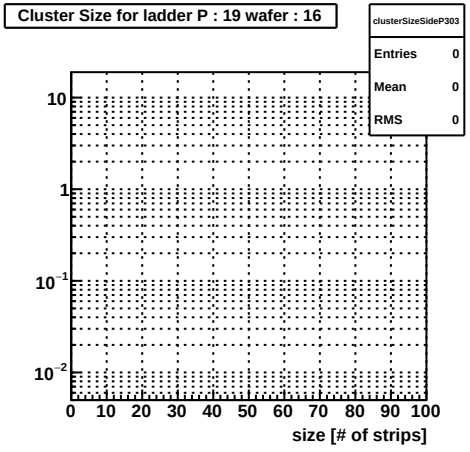

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

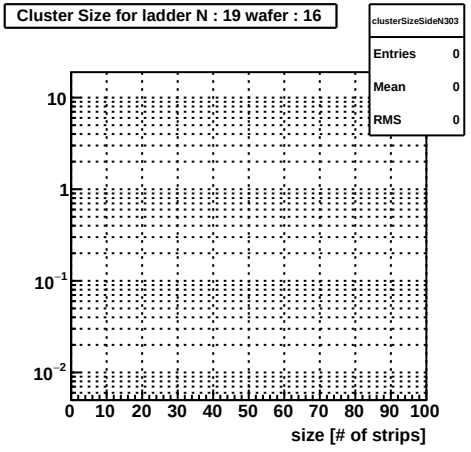

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

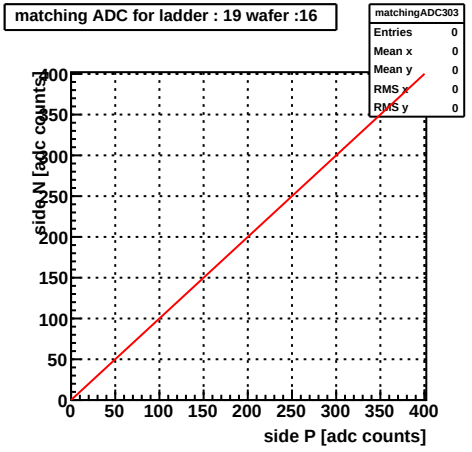

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

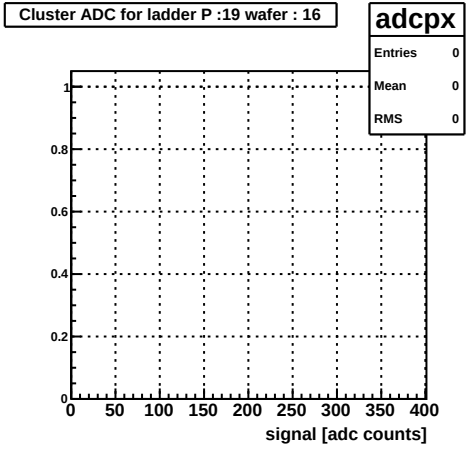

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

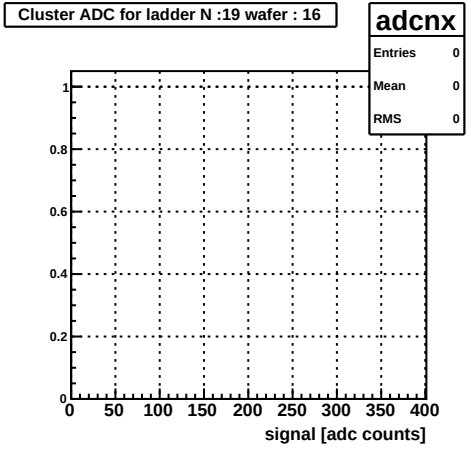

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

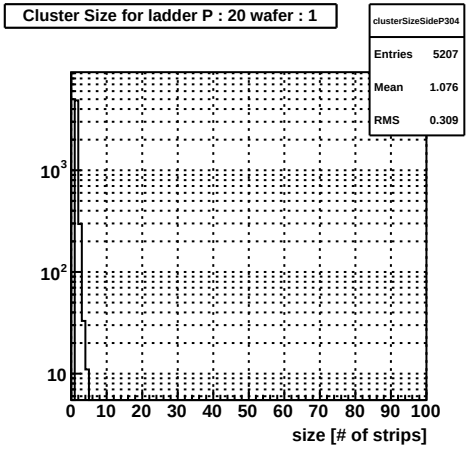

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

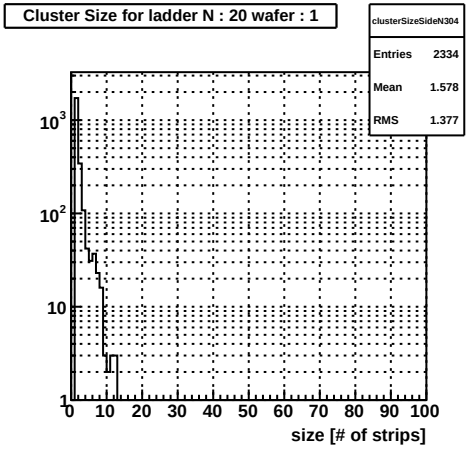

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

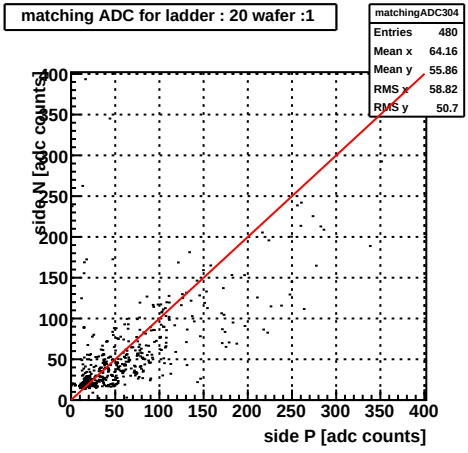

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

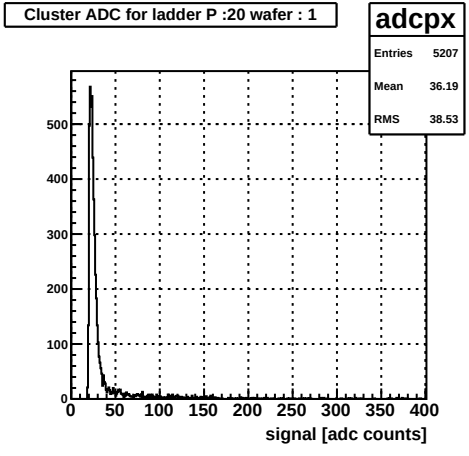

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

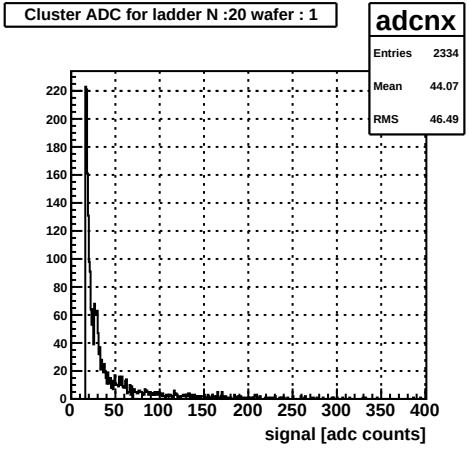

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

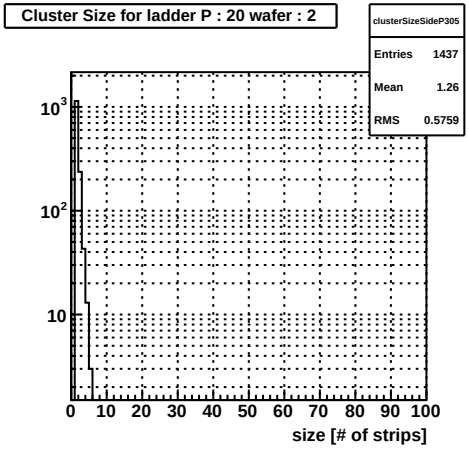

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 5207
Mean 1.076
RMS 0.309
size [# of strips]

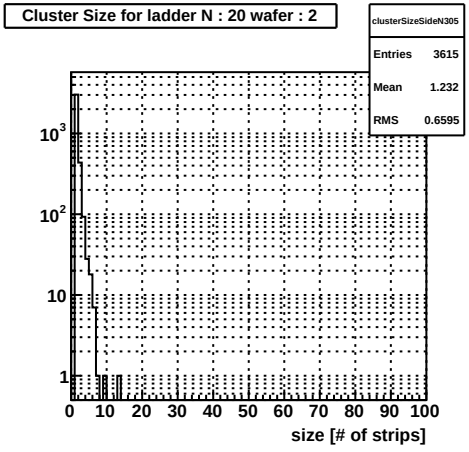

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 2334
Mean 1.578
RMS 1.377
size [# of strips]

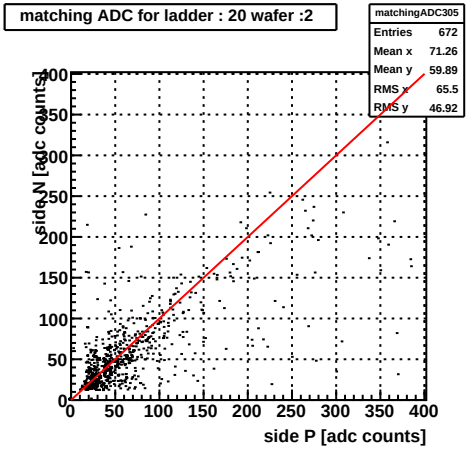

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 480
Mean x 64.16
Mean y 55.86
RMS x 58.82
RMS y 50.7
side N [adc counts]
side P [adc counts]

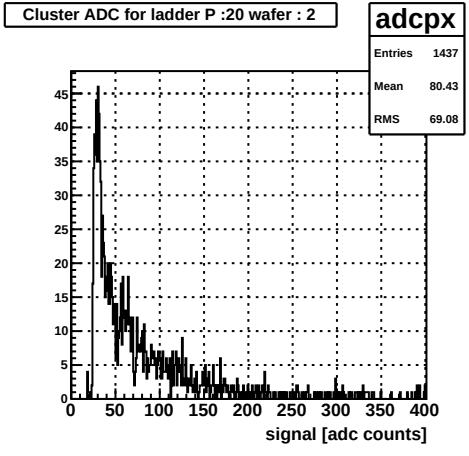

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 5207
Mean 36.19
RMS 38.53
signal [adc counts]

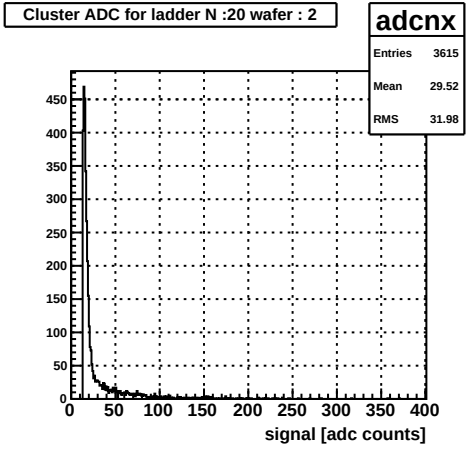

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 2334
Mean 44.07
RMS 46.49
signal [adc counts]

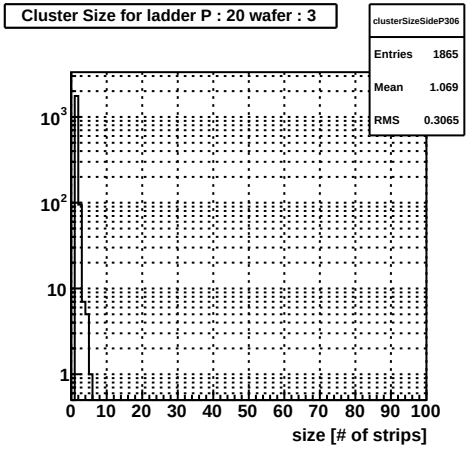

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 1437
Mean 1.26
RMS 0.5759
size [# of strips]

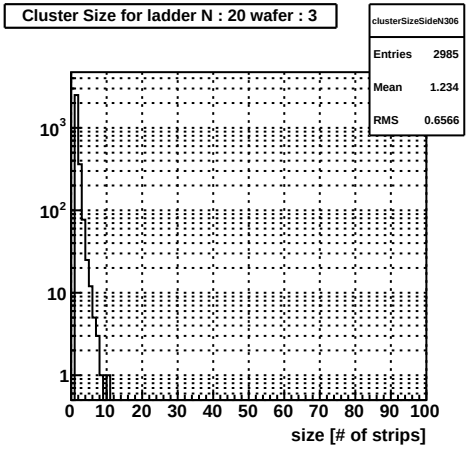

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 3615
Mean 1.232
RMS 0.6595
size [# of strips]

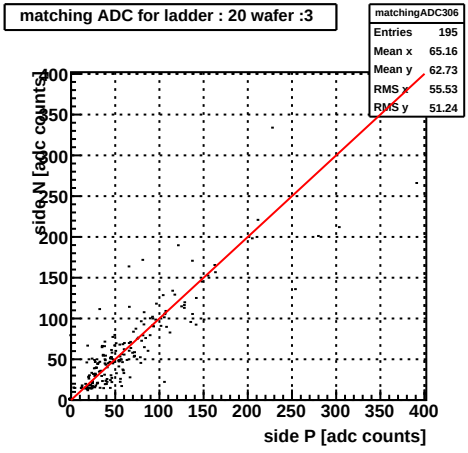

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 672
Mean x 71.26
Mean y 59.89
RMS x 65.5
RMS y 46.92
side N [adc counts]
side P [adc counts]

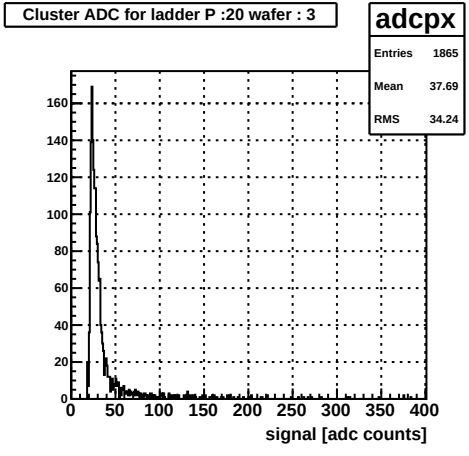

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 1437
Mean 80.43
RMS 69.08
signal [adc counts]

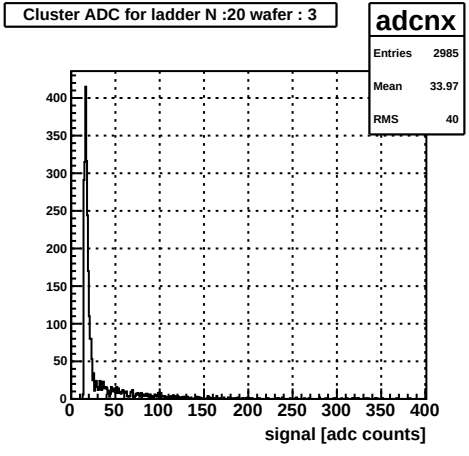

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 3615
Mean 29.52
RMS 31.98
signal [adc counts]

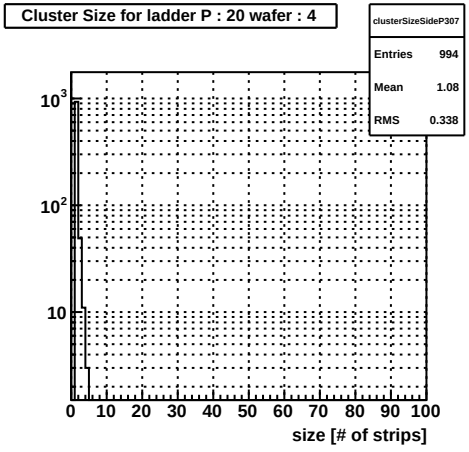

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 1865
Mean 1.069
RMS 0.3065
size [# of strips]

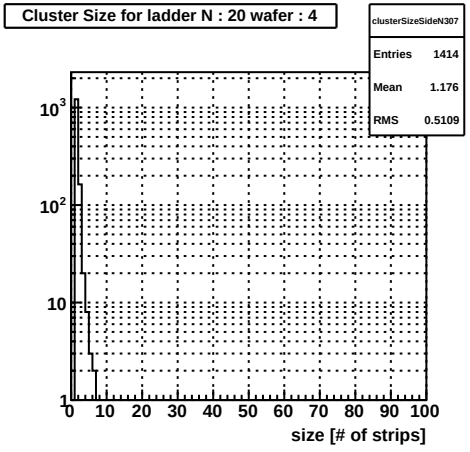

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 2985
Mean 1.234
RMS 0.6566
size [# of strips]

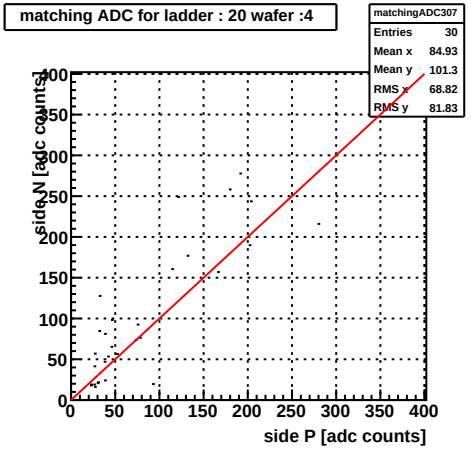

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 195
Mean x 65.16
Mean y 62.73
RMS x 55.53
RMS y 51.24
side N [adc counts]
side P [adc counts]

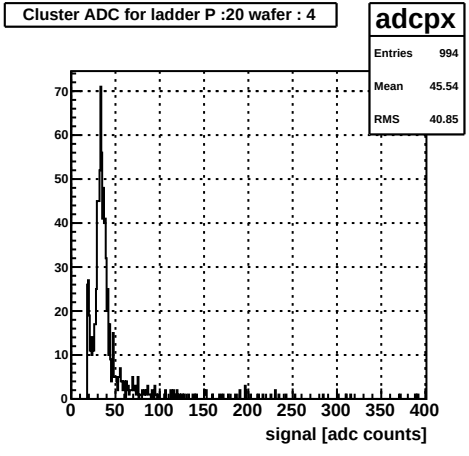

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 1865
Mean 37.69
RMS 34.24
signal [adc counts]

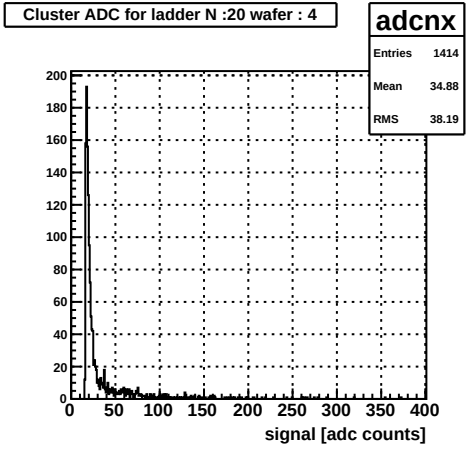

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 2985
Mean 33.97
RMS 40
signal [adc counts]

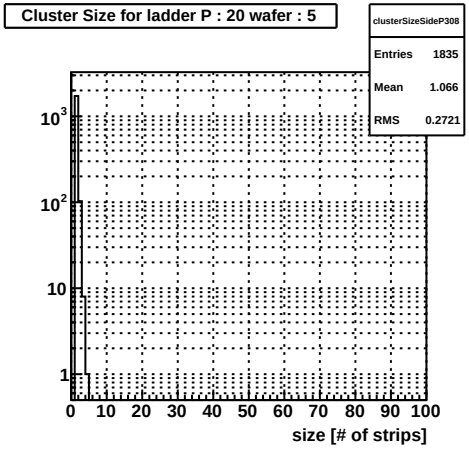

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 994
Mean 1.08
RMS 0.338
size [# of strips]

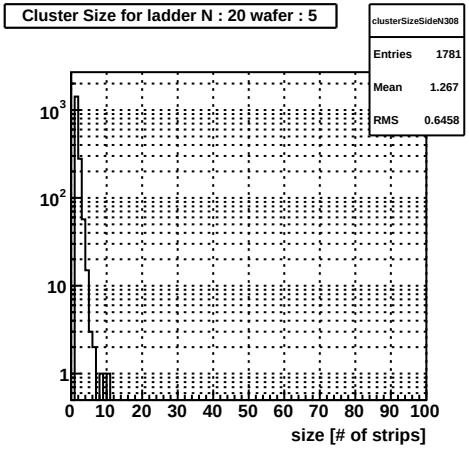

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1414
Mean 1.176
RMS 0.5109
size [# of strips]

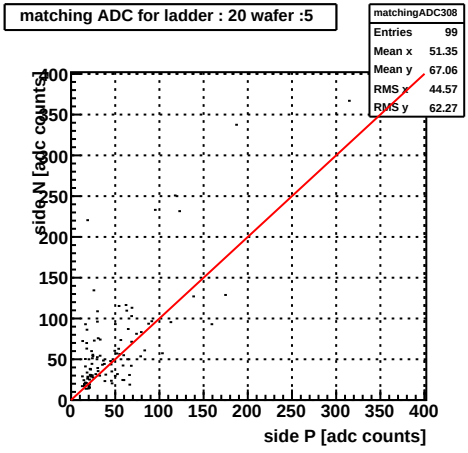

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 30
Mean x 84.93
Mean y 101.3
RMS x 68.82
RMS y 81.83
side N [adc counts]
side P [adc counts]

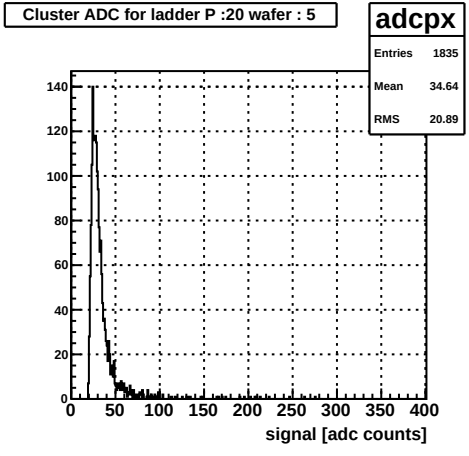

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 994
Mean 45.54
RMS 40.85
signal [adc counts]

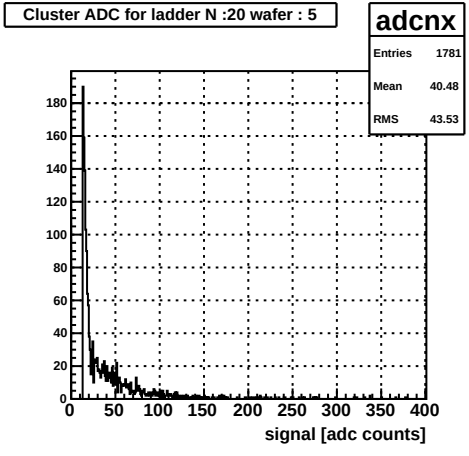

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1414
Mean 34.88
RMS 38.19
signal [adc counts]

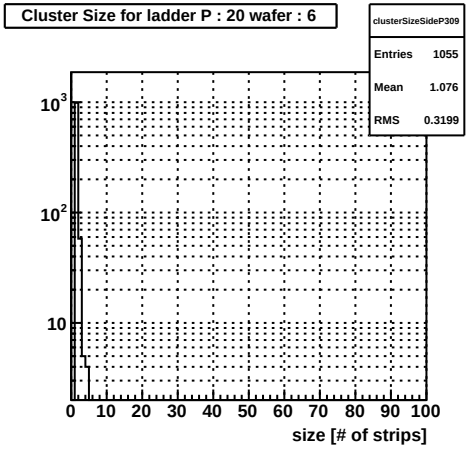

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 1835
Mean 1.066
RMS 0.2721
size [# of strips]

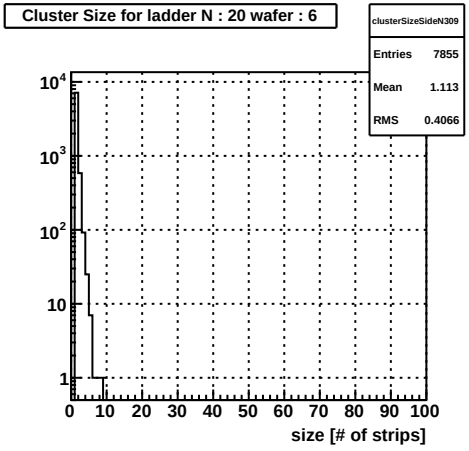

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 1781
Mean 1.267
RMS 0.6458
size [# of strips]

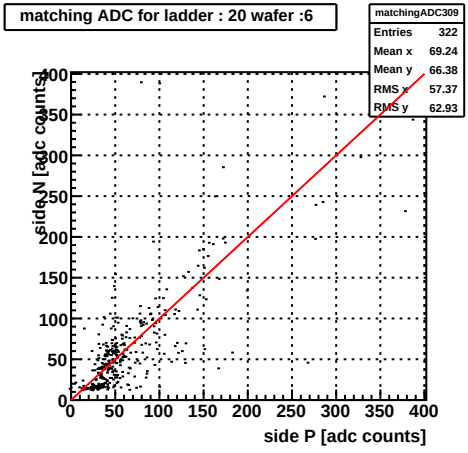

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 99
Mean x 51.35
Mean y 67.06
RMS x 44.57
RMS y 62.27
side N [adc counts]
side P [adc counts]

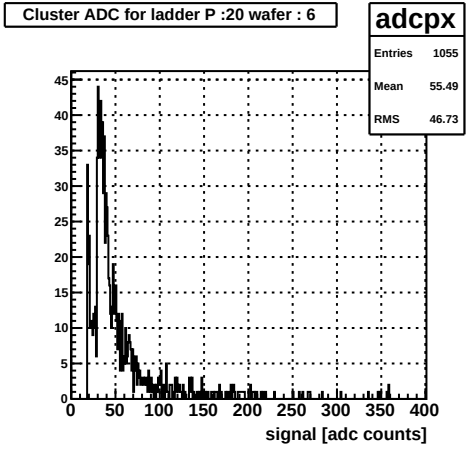

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 1835
Mean 34.64
RMS 20.89
signal [adc counts]

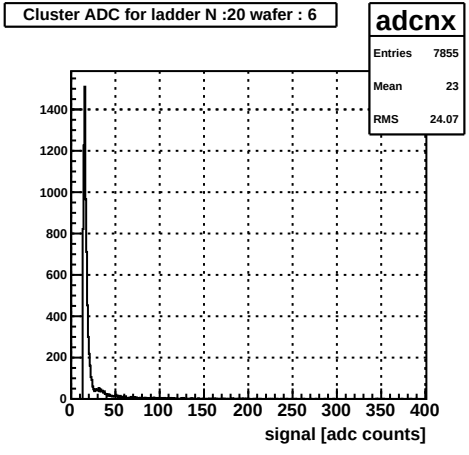

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 1781
Mean 40.48
RMS 43.53
signal [adc counts]

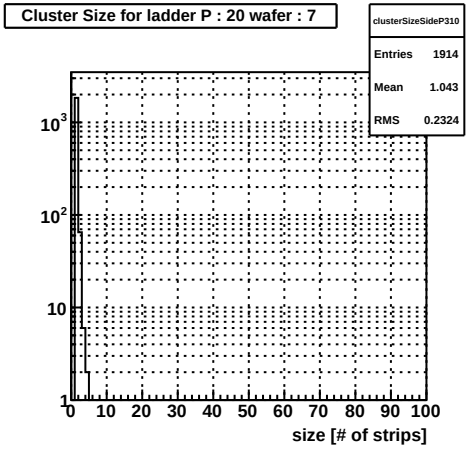

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1055
Mean 1.076
RMS 0.3199
size [# of strips]

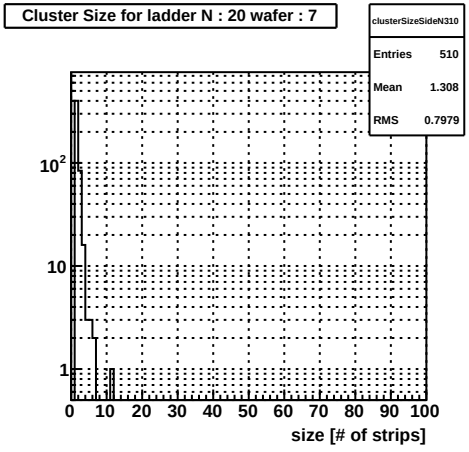

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 7855
Mean 1.113
RMS 0.4066
size [# of strips]

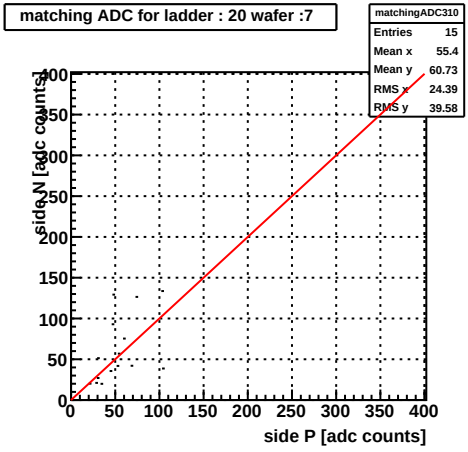

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 322
Mean x 69.24
Mean y 66.38
RMS x 57.37
RMS y 62.93
side N [adc counts]
side P [adc counts]

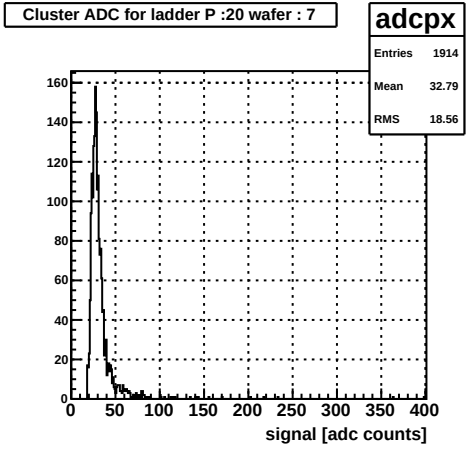

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1055
Mean 55.49
RMS 46.73
signal [adc counts]

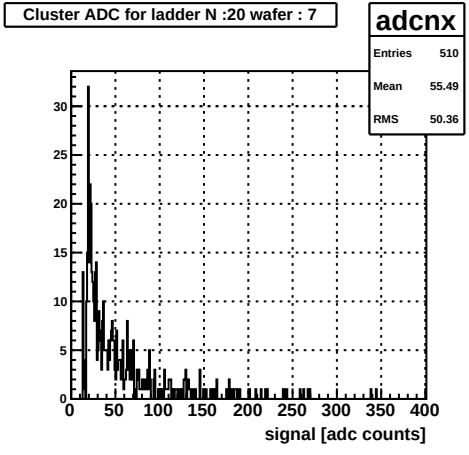

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 7855
Mean 23
RMS 24.07
signal [adc counts]

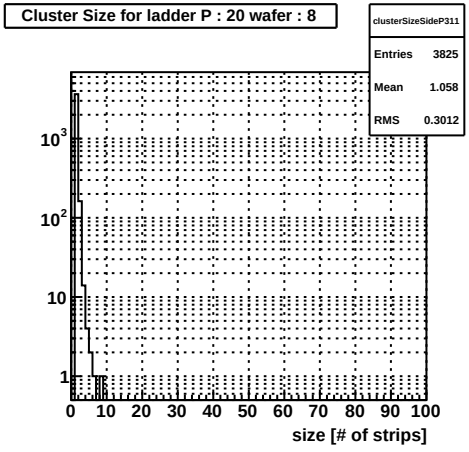

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1914
Mean 1.043
RMS 0.2324
size [# of strips]

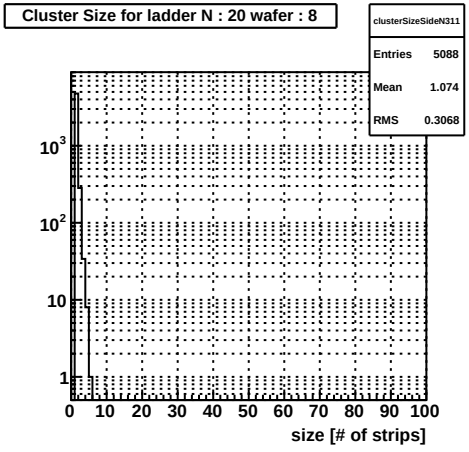

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 510
Mean 1.308
RMS 0.7979
size [# of strips]

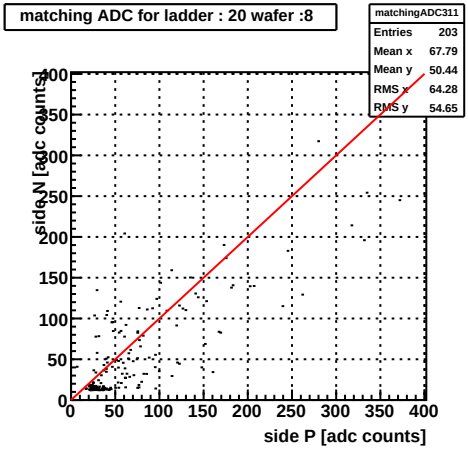

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 15
Mean x 55.4
Mean y 60.73
RMS x 24.39
RMS y 39.58
side N [adc counts]
side P [adc counts]

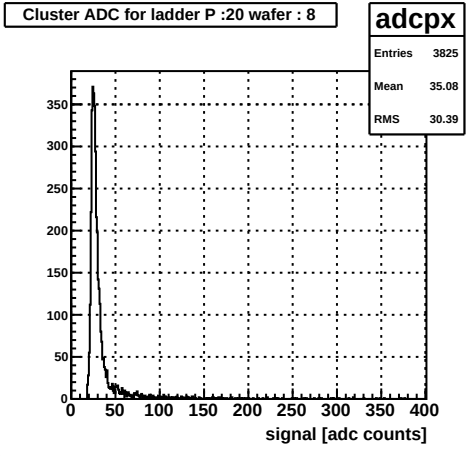

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1914
Mean 32.79
RMS 18.56
signal [adc counts]

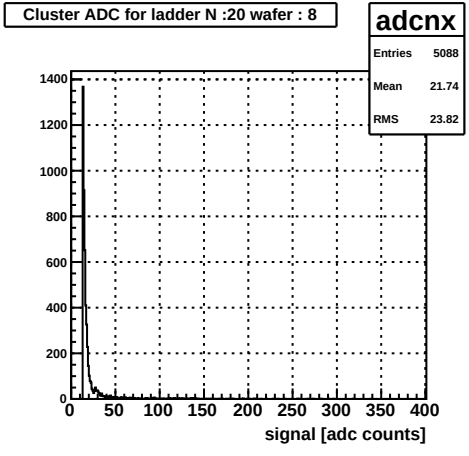

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 510
Mean 55.49
RMS 50.36
signal [adc counts]

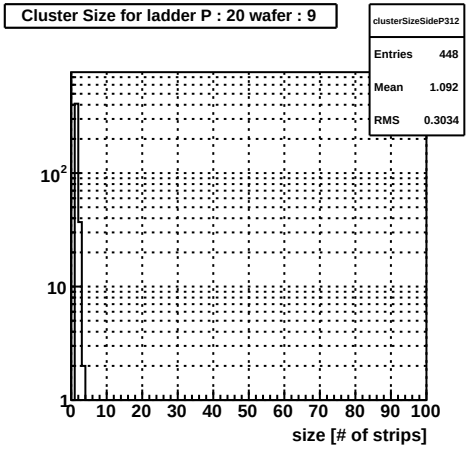

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 3825
Mean 1.058
RMS 0.3012
size [# of strips]

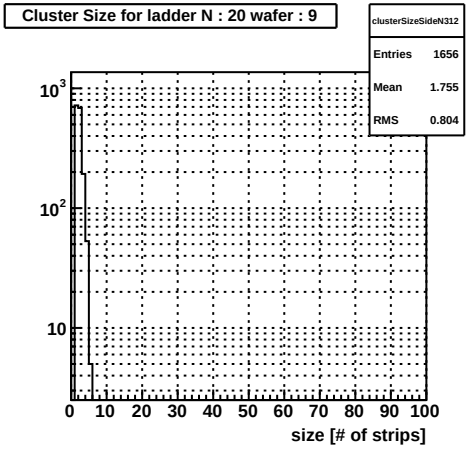

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 5088
Mean 1.074
RMS 0.3068
size [# of strips]

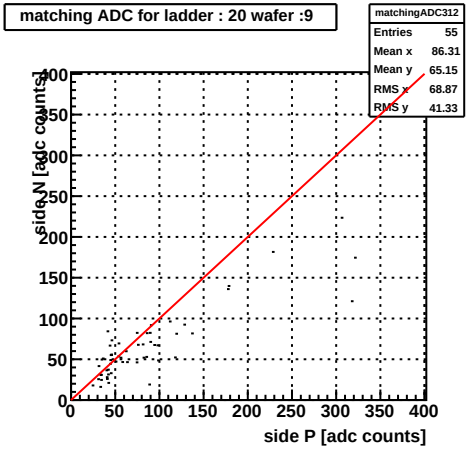

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 203
Mean x 67.79
Mean y 50.44
RMS x 64.28
RMS y 54.65
side N [adc counts]
side P [adc counts]

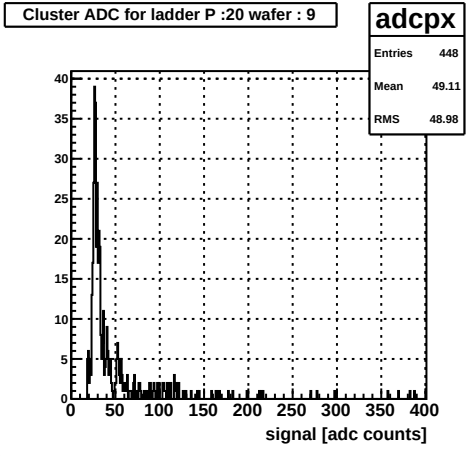

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 3825
Mean 35.08
RMS 30.39
signal [adc counts]

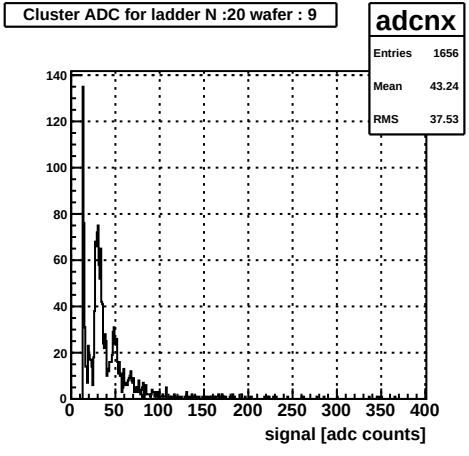

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 5088
Mean 21.74
RMS 23.82
signal [adc counts]

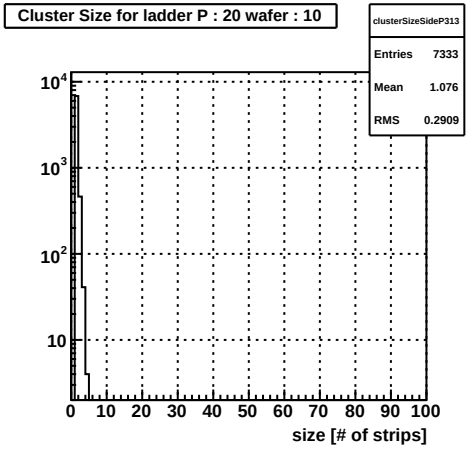

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 448
Mean 1.092
RMS 0.3034
size [# of strips]

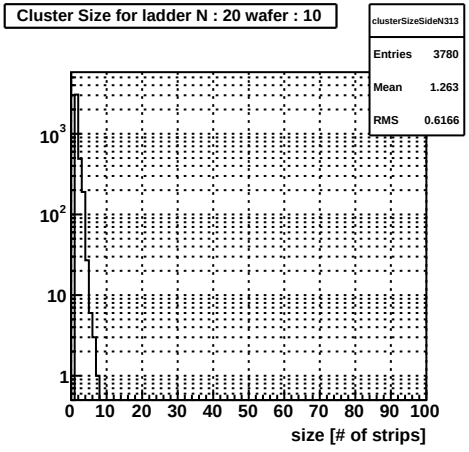

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 1656
Mean 1.755
RMS 0.804
size [# of strips]

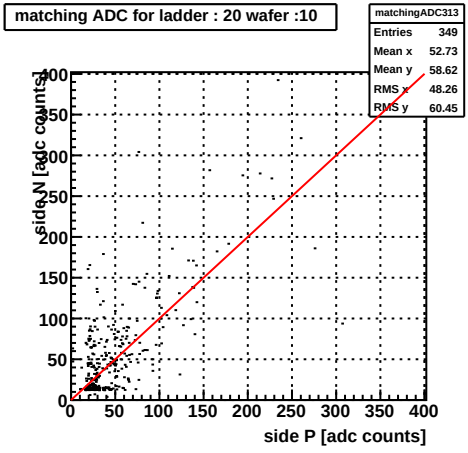

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 55
Mean x 86.31
Mean y 65.15
RMS x 68.87
RMS y 41.33
side N [adc counts]
side P [adc counts]

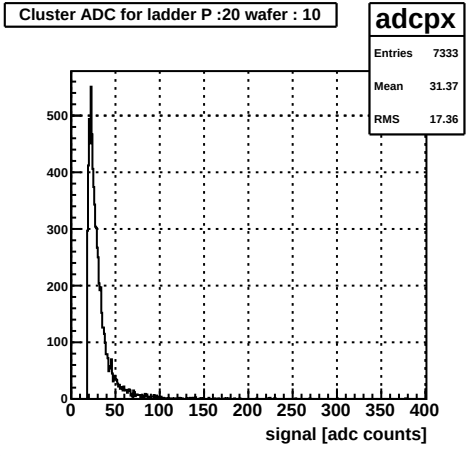

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 448
Mean 49.11
RMS 48.98
signal [adc counts]

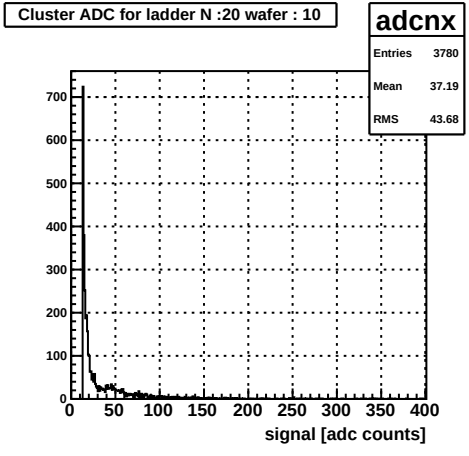

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 1656
Mean 43.24
RMS 37.53
signal [adc counts]

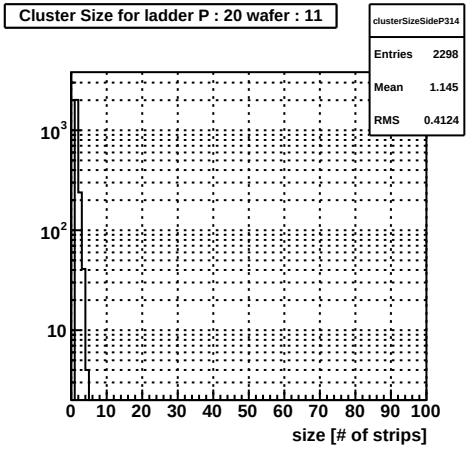

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 7333
Mean 1.076
RMS 0.2909
size [# of strips]

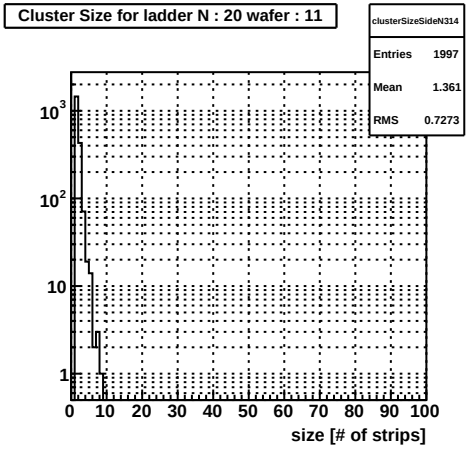

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 3780
Mean 1.263
RMS 0.6166
size [# of strips]

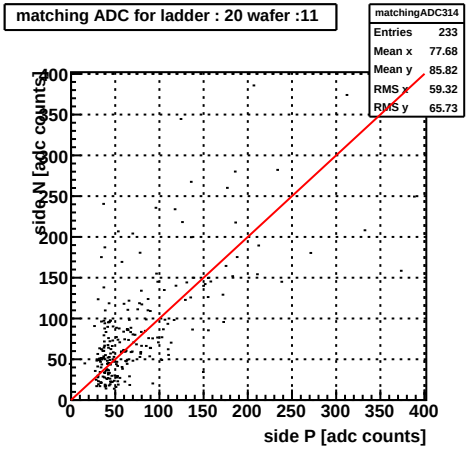

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 349
Mean x 52.73
Mean y 58.62
RMS x 48.26
RMS y 60.45
side N [adc counts]
side P [adc counts]

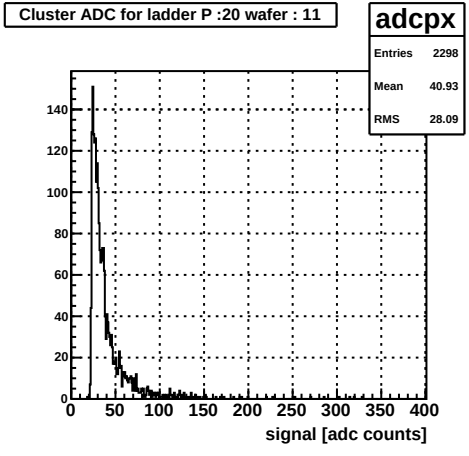

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 7333
Mean 31.37
RMS 17.36
signal [adc counts]

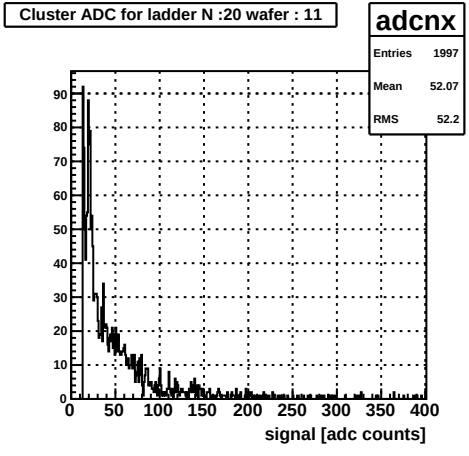

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 3780
Mean 37.19
RMS 43.68
signal [adc counts]

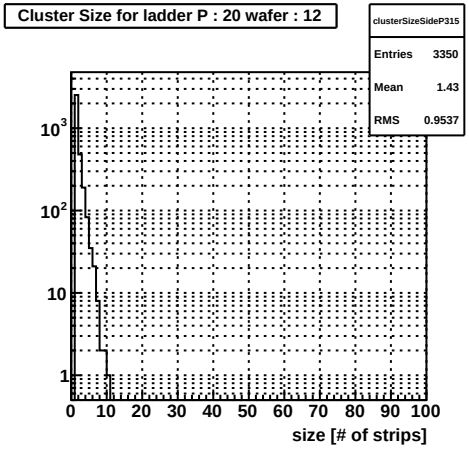

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 2298
Mean 1.145
RMS 0.4124
size [# of strips]

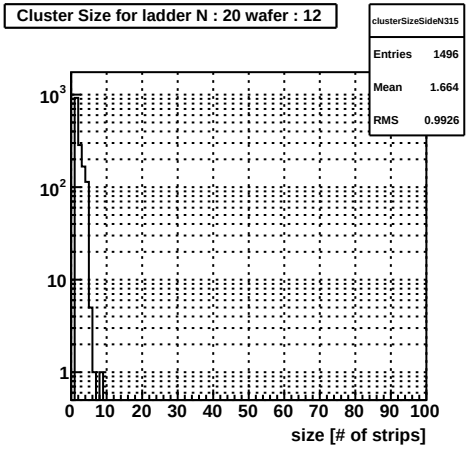

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 1997
Mean 1.361
RMS 0.7273
size [# of strips]

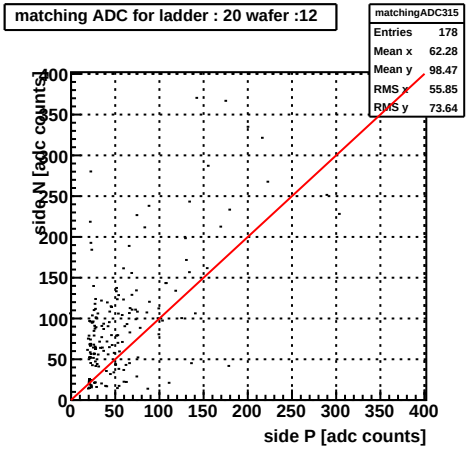

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 233
Mean x 77.68
Mean y 85.82
RMS x 59.32
RMS y 65.73
side N [adc counts]
side P [adc counts]

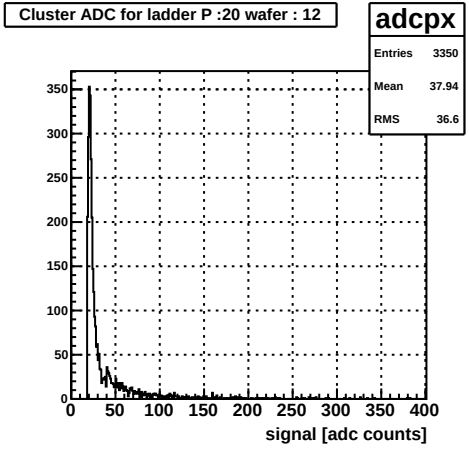

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 2298
Mean 40.93
RMS 28.09
signal [adc counts]

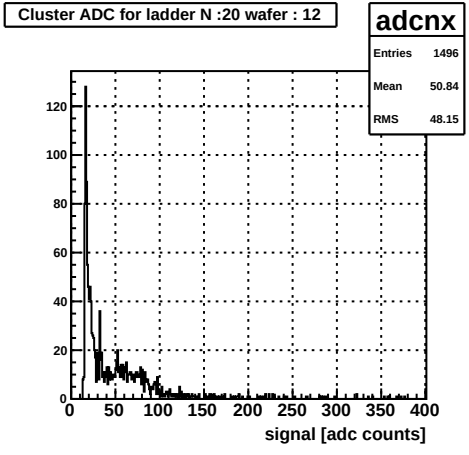

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 1997
Mean 52.07
RMS 52.2
signal [adc counts]

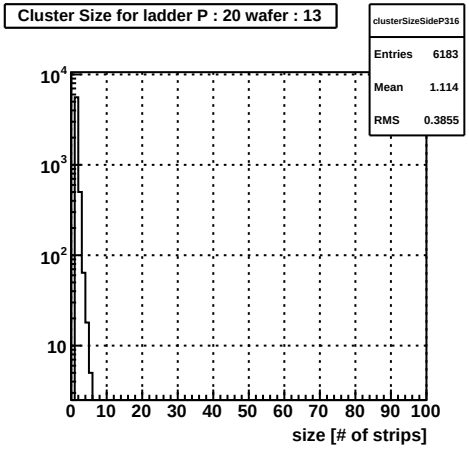

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 3350
Mean 1.43
RMS 0.9537
size [# of strips]

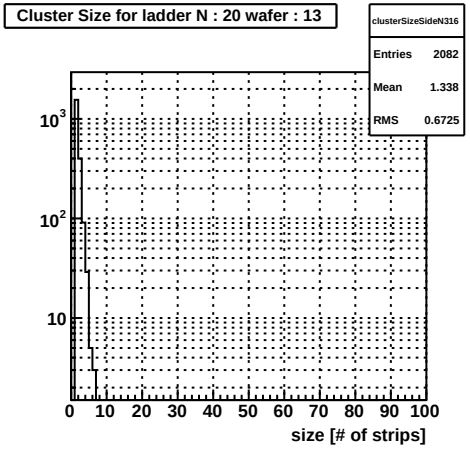

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1496
Mean 1.664
RMS 0.9926
size [# of strips]

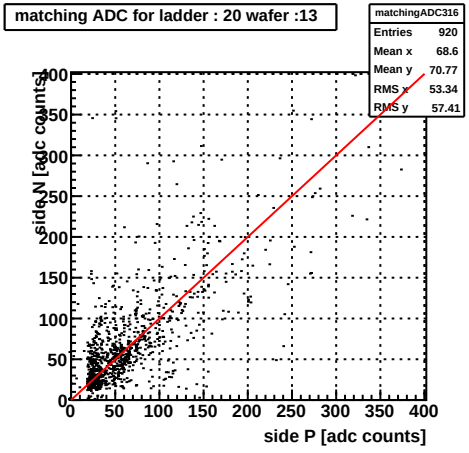

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 178
Mean x 62.28
Mean y 98.47
RMS x 55.85
RMS y 73.64
side N [adc counts]
side P [adc counts]

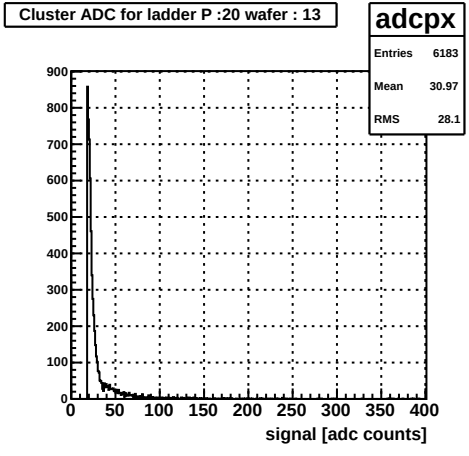

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 3350
Mean 37.94
RMS 36.6
signal [adc counts]

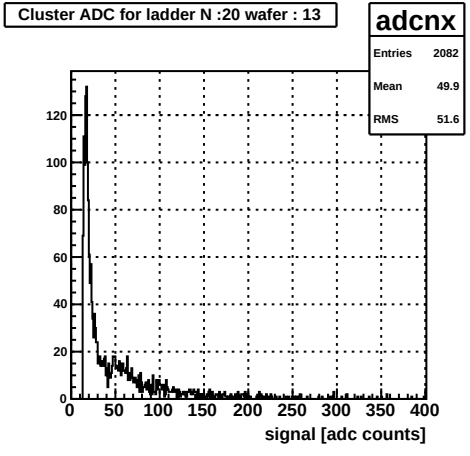

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1496
Mean 50.84
RMS 48.15
signal [adc counts]

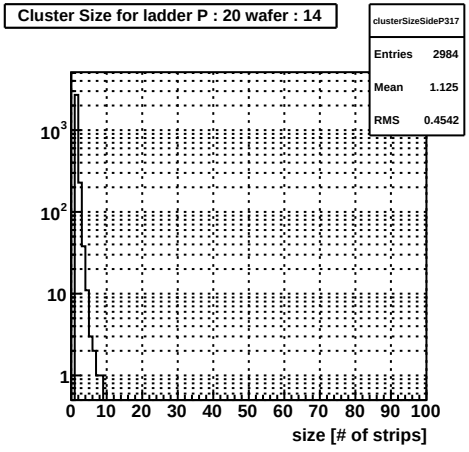

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 6183
Mean 1.114
RMS 0.3855
size [# of strips]

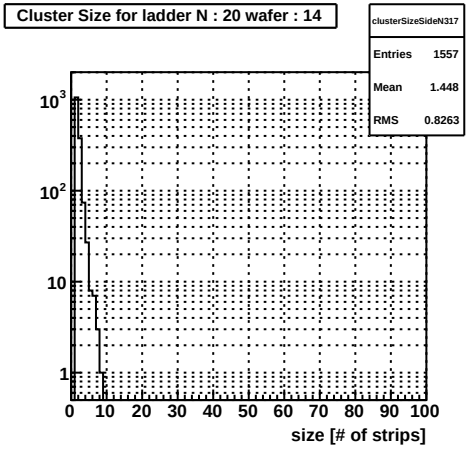

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 2082
Mean 1.338
RMS 0.6725
size [# of strips]

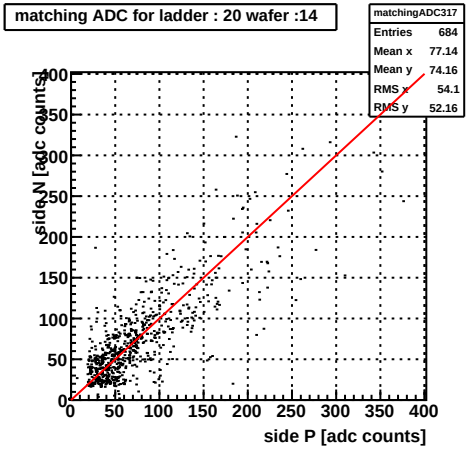

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 920
Mean x 68.6
Mean y 70.77
RMS x 53.34
RMS y 57.41
side N [adc counts]
side P [adc counts]

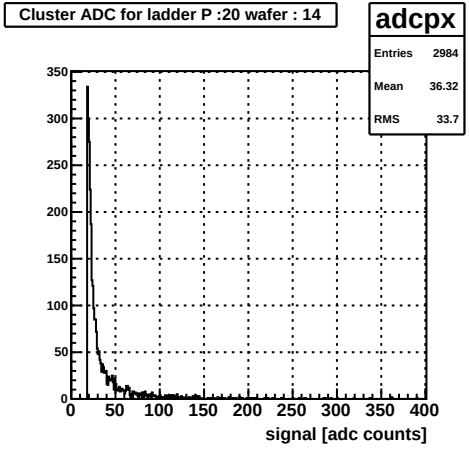

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 6183
Mean 30.97
RMS 28.1
signal [adc counts]

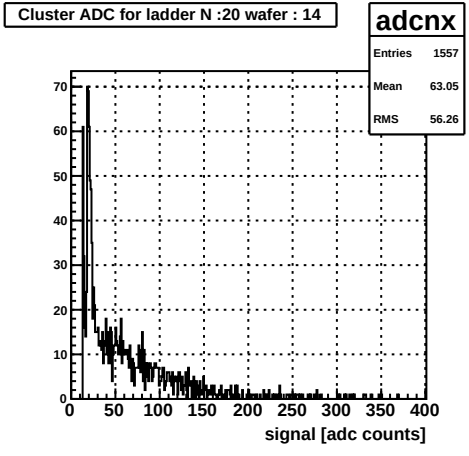

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 2082
Mean 49.9
RMS 51.6
signal [adc counts]

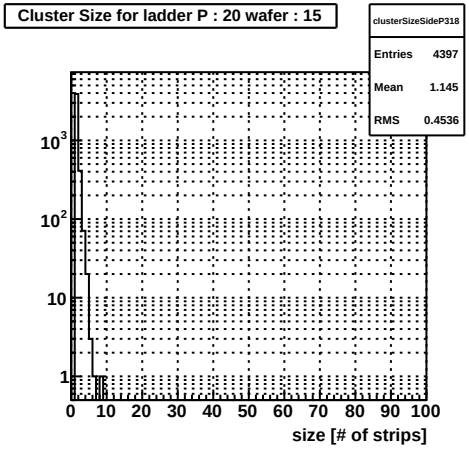

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 2984
Mean 1.125
RMS 0.4542
size [# of strips]

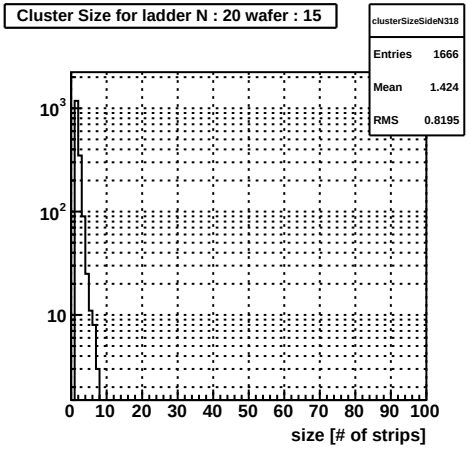

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 1557
Mean 1.448
RMS 0.8263
size [# of strips]

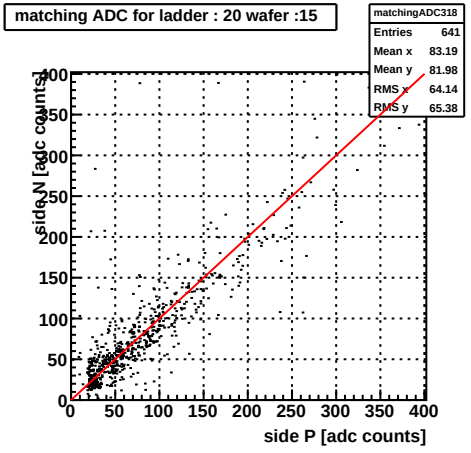

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 684
Mean x 77.14
Mean y 74.16
RMS x 54.1
RMS y 52.16
side N [adc counts]
side P [adc counts]

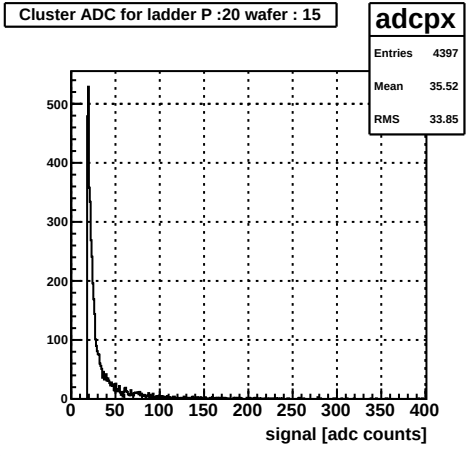

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 2984
Mean 36.32
RMS 33.7
signal [adc counts]

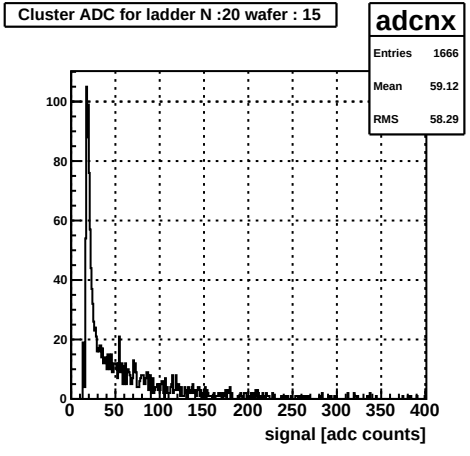

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 1557
Mean 63.05
RMS 56.26
signal [adc counts]

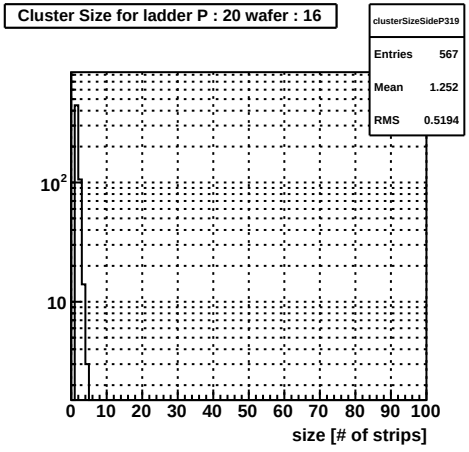

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 4397
Mean 1.145
RMS 0.4536
size [# of strips]

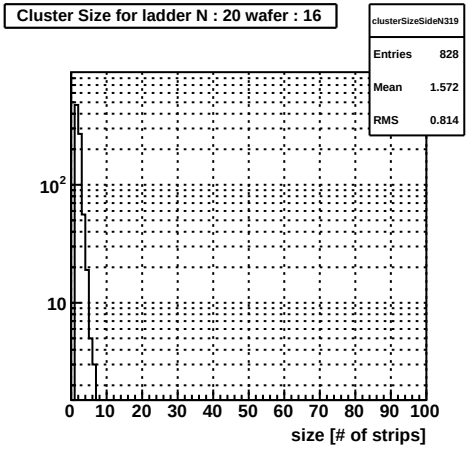

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 1666
Mean 1.424
RMS 0.8195
size [# of strips]

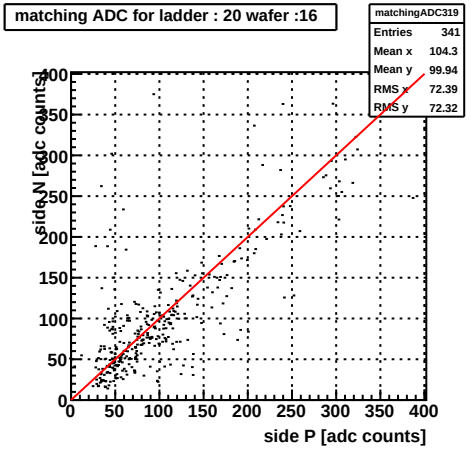

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 641
Mean x 83.19
Mean y 81.98
RMS x 64.14
RMS y 65.38
side N [adc counts]
side P [adc counts]

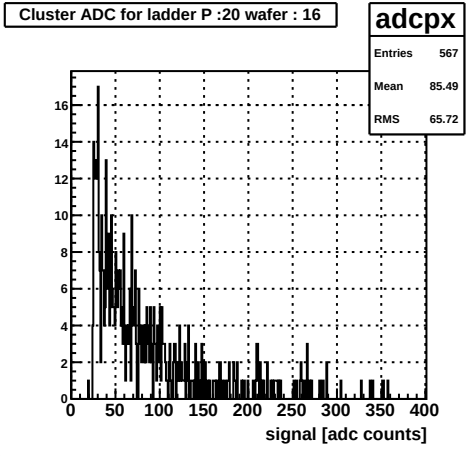

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 4397
Mean 35.52
RMS 33.85
signal [adc counts]

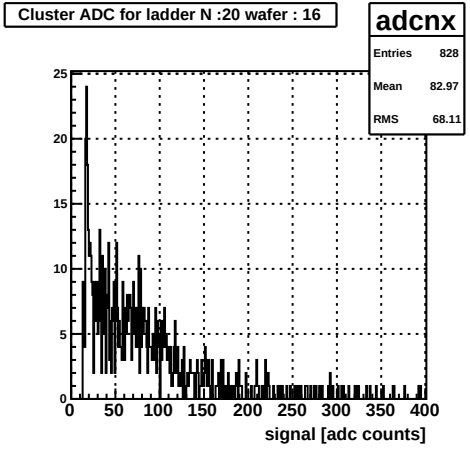

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 1666
Mean 59.12
RMS 58.29
signal [adc counts]


Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 567
Mean 1.252
RMS 0.5194
size [# of strips]

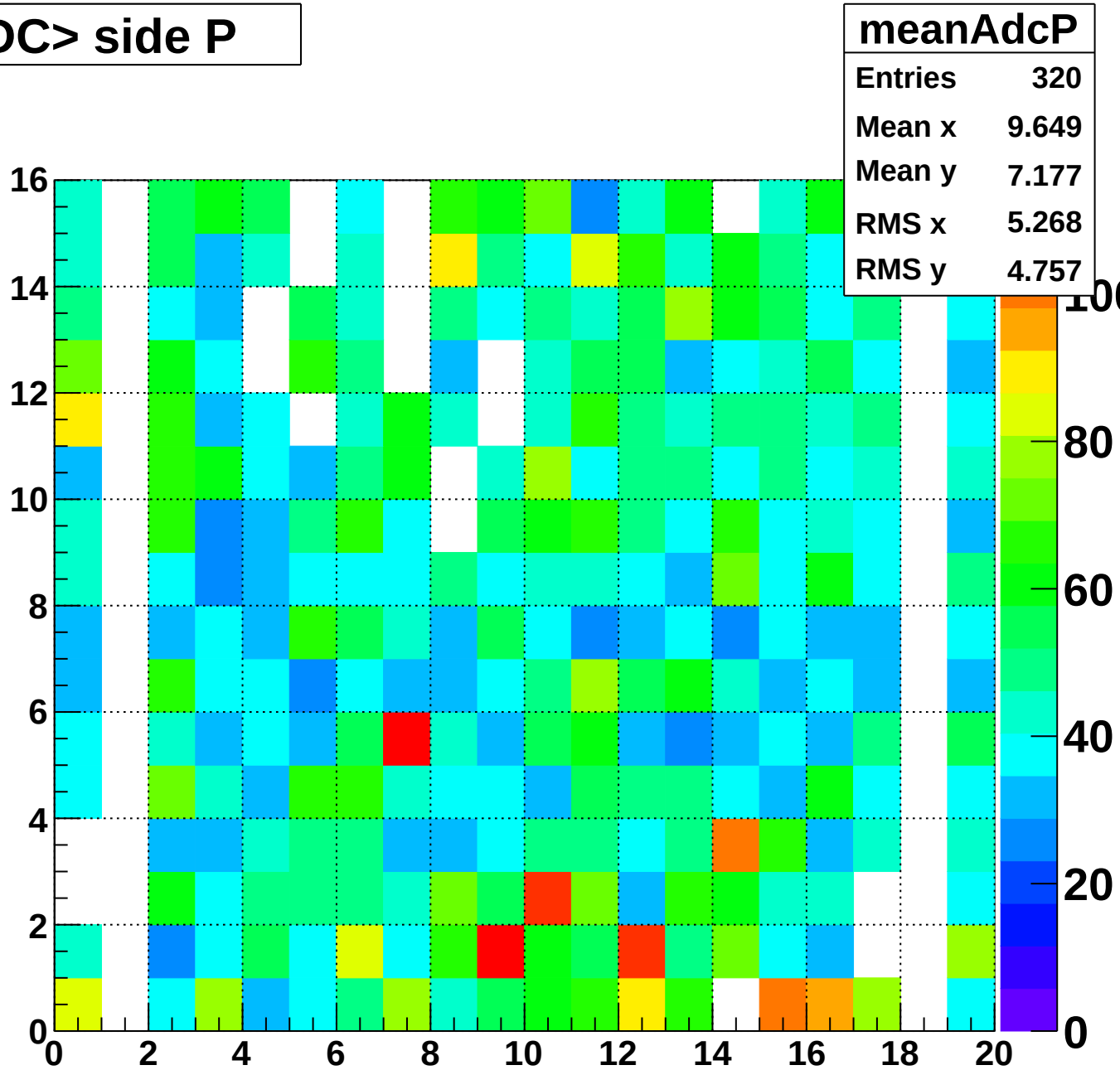

Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 828
Mean 1.572
RMS 0.814
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 341
Mean x 104.3
Mean y 99.94
RMS x 72.39
RMS y 72.32
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 567
Mean 85.49
RMS 65.72
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 828
Mean 82.97
RMS 68.11
signal [adc counts]

<ADC> side P



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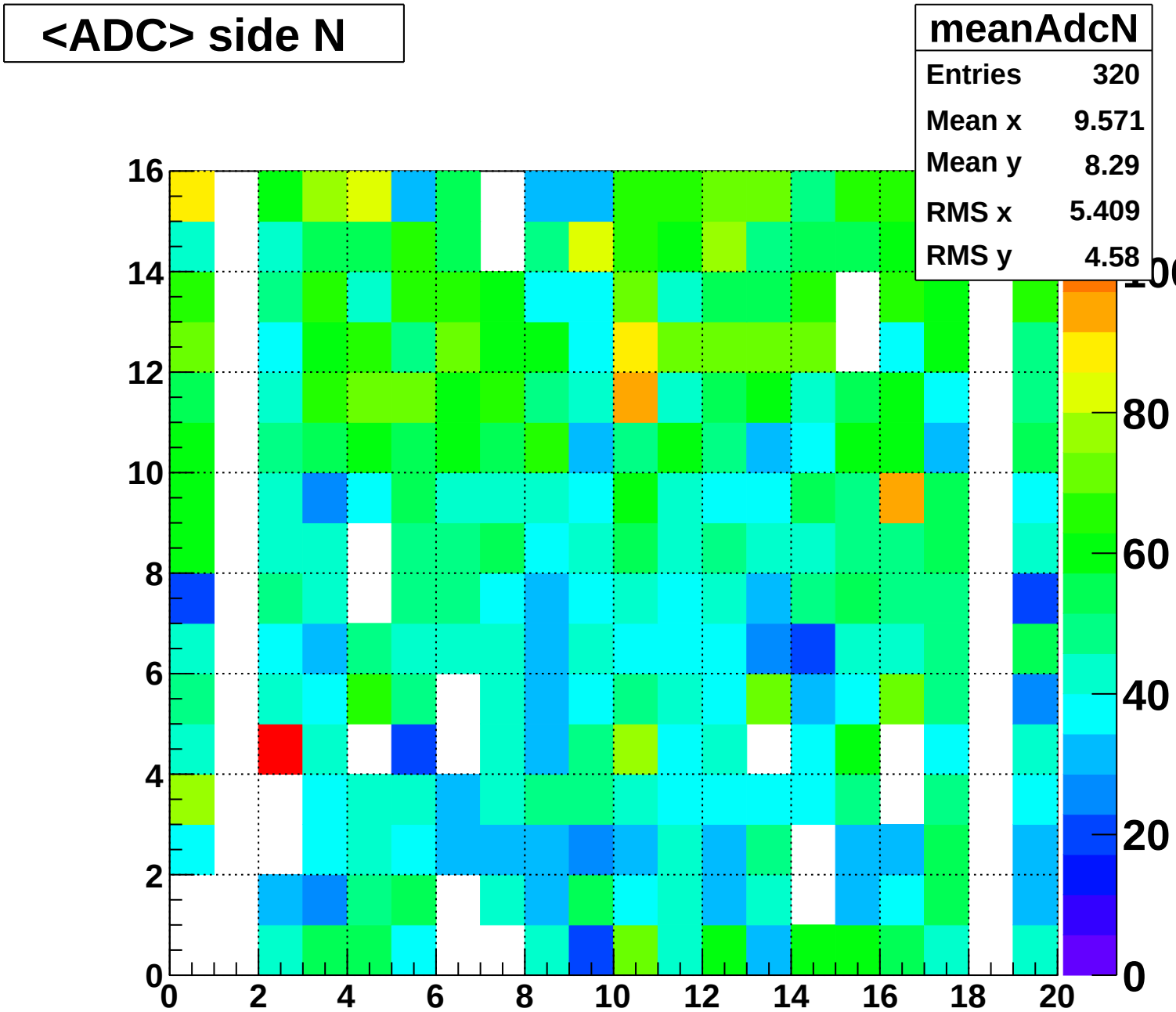

2016-05-18 03:51:13