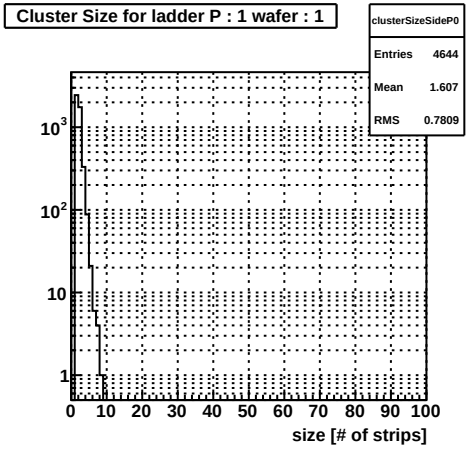
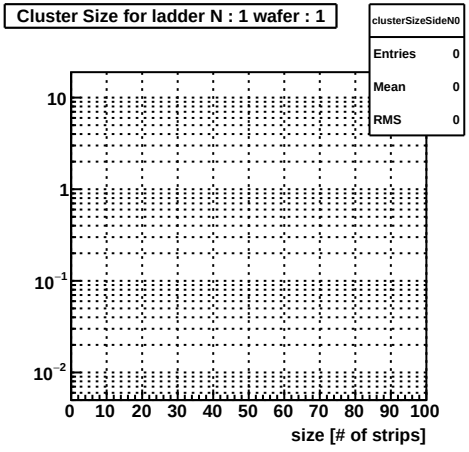
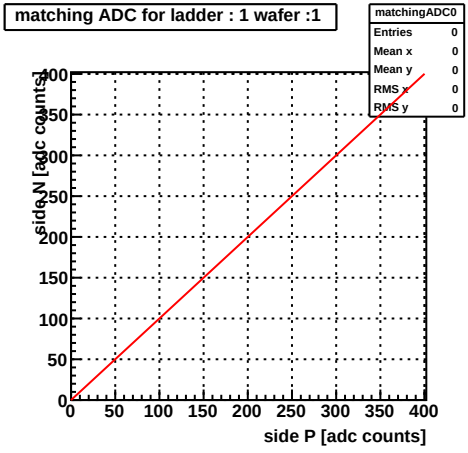
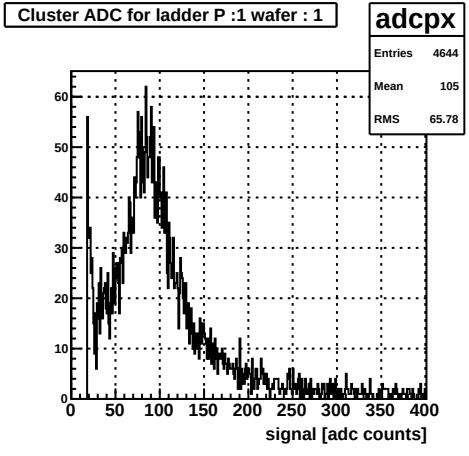
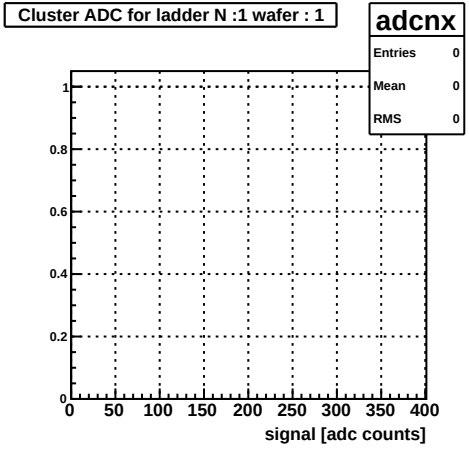
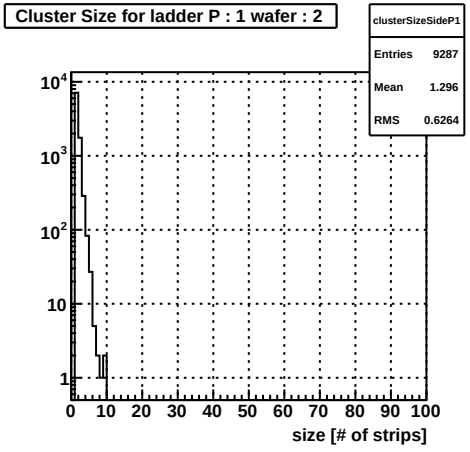

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 4644
Mean 1.607
RMS 0.7809
size [# of strips]

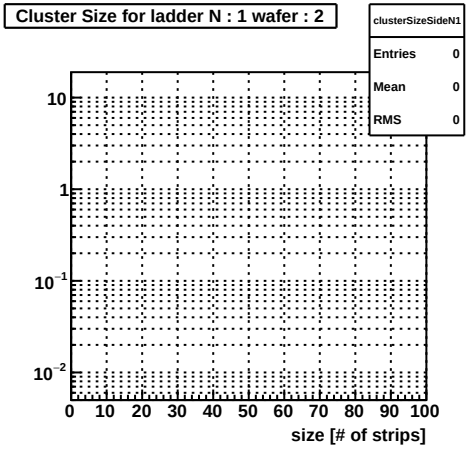

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

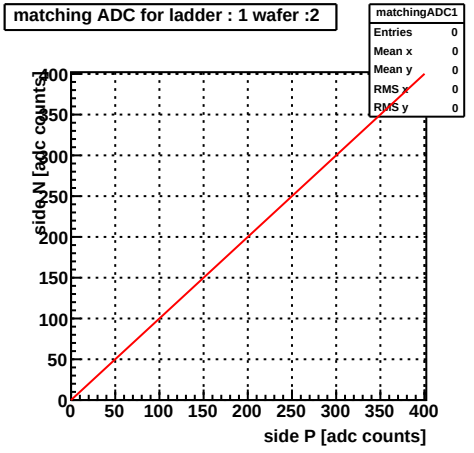

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

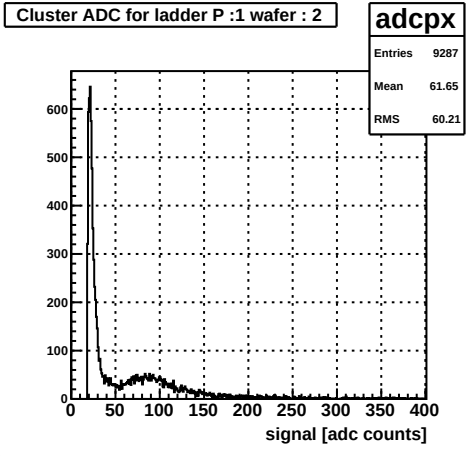

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 4644
Mean 105
RMS 65.78
signal [adc counts]

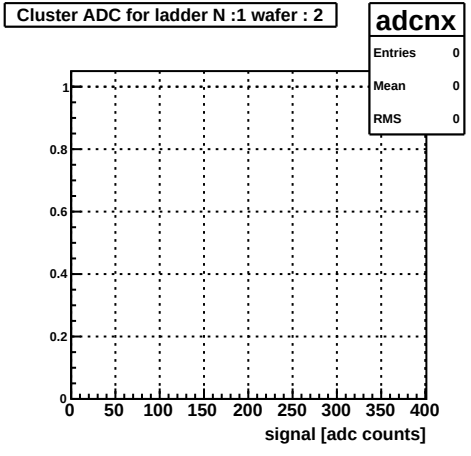

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

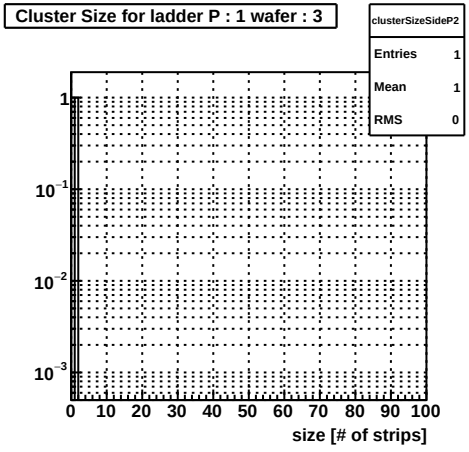

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 9287
Mean 1.296
RMS 0.6264
size [# of strips]

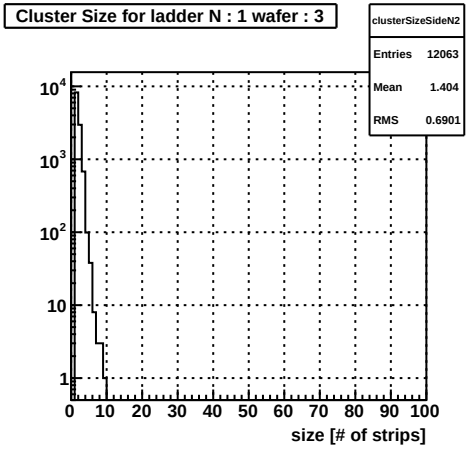

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

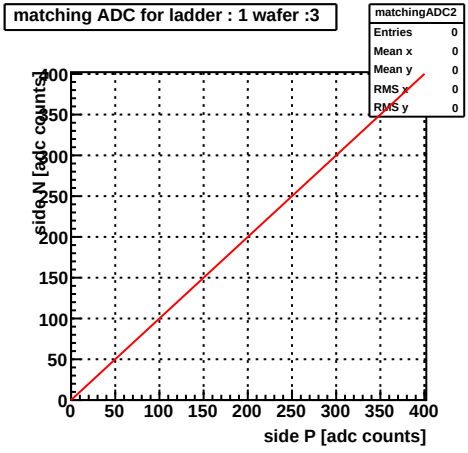

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

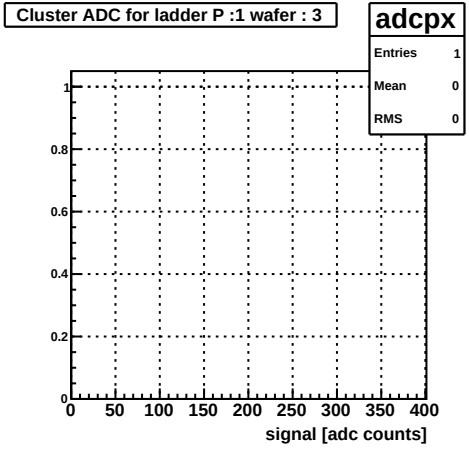

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 9287
Mean 61.65
RMS 60.21
signal [adc counts]

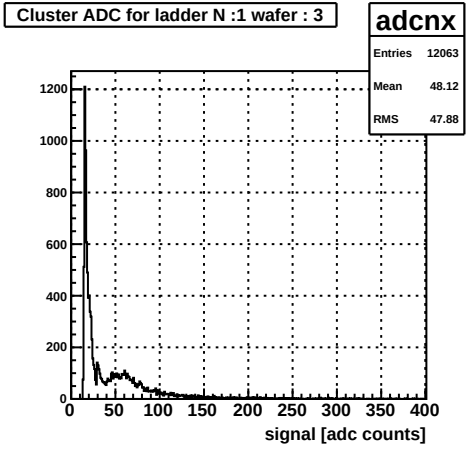

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

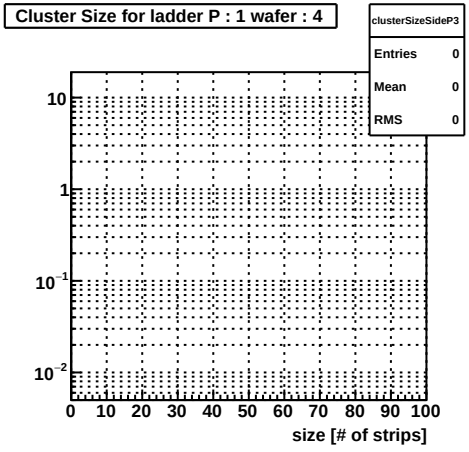

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

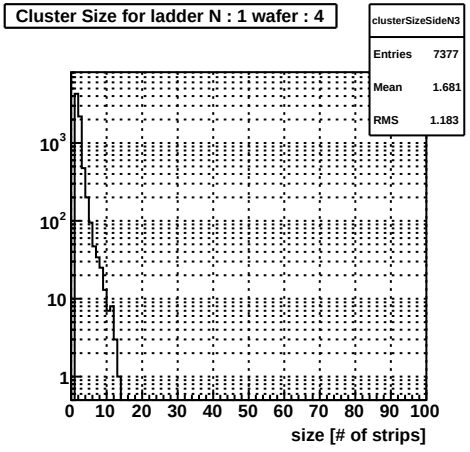

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 12063
Mean 1.404
RMS 0.6901
size [# of strips]

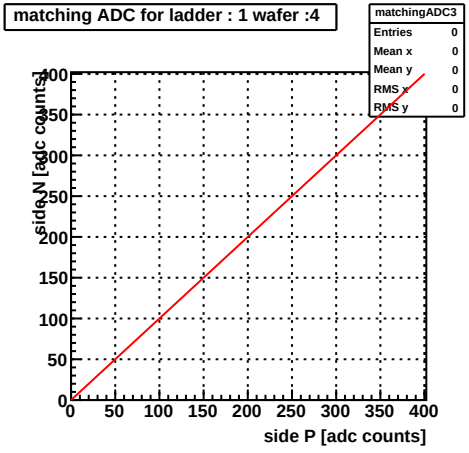

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

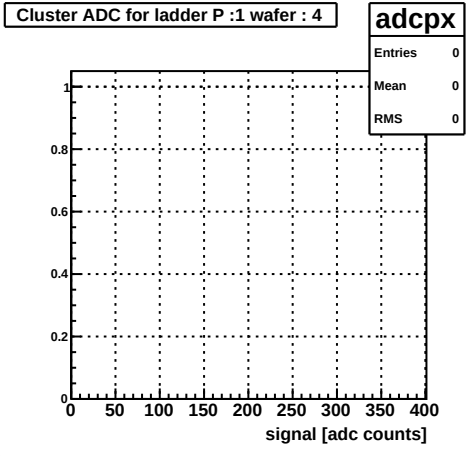

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

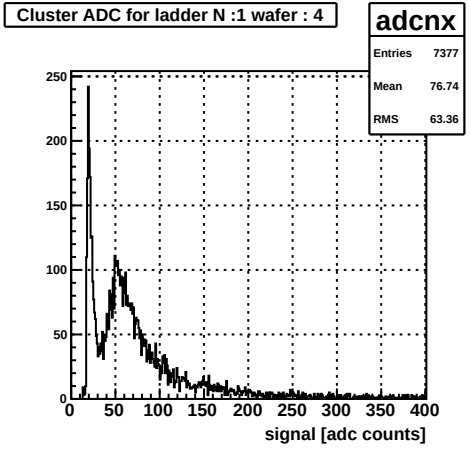

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 12063
Mean 48.12
RMS 47.88
signal [adc counts]

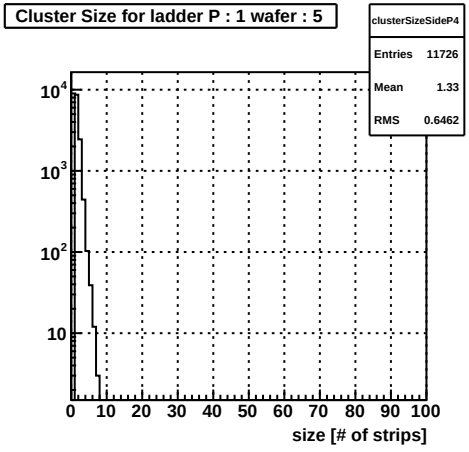

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

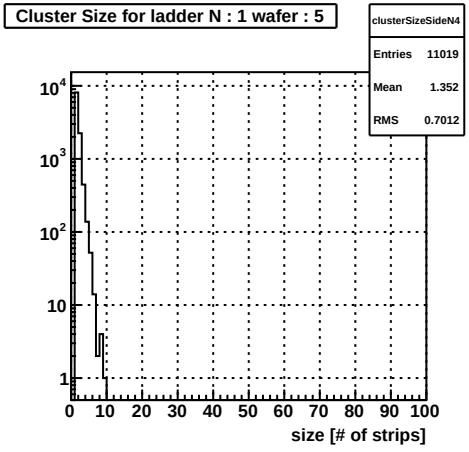

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 7377
Mean 1.681
RMS 1.183
size [# of strips]

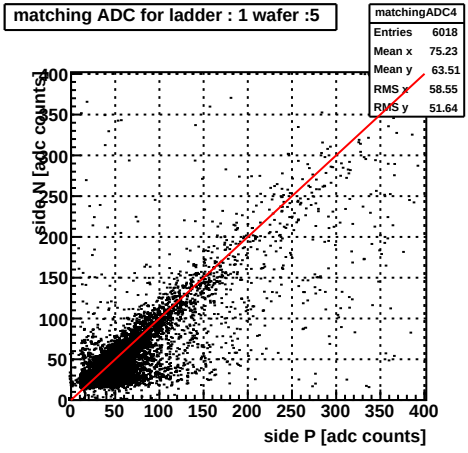

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

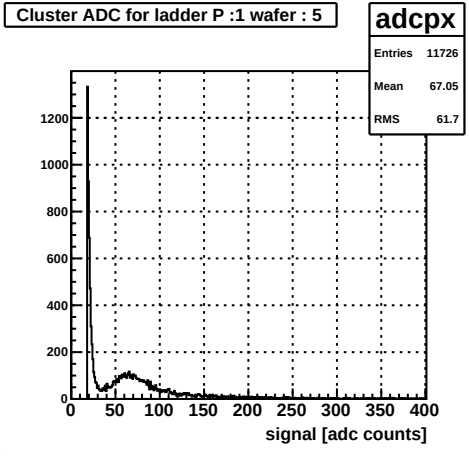

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

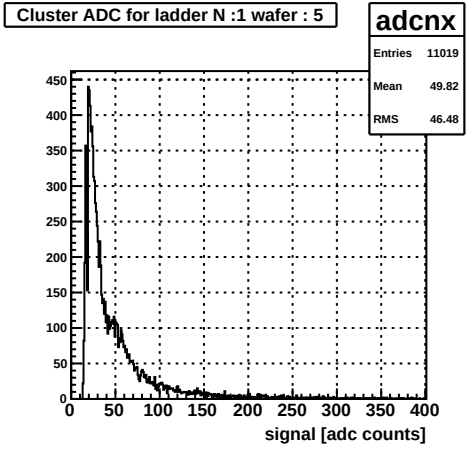

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 7377
Mean 76.74
RMS 63.36
signal [adc counts]

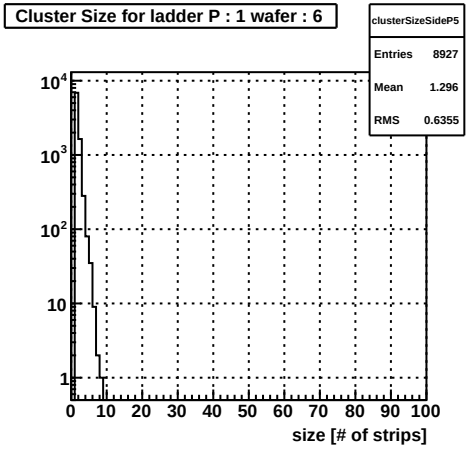

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 11726
Mean 1.33
RMS 0.6462
size [# of strips]

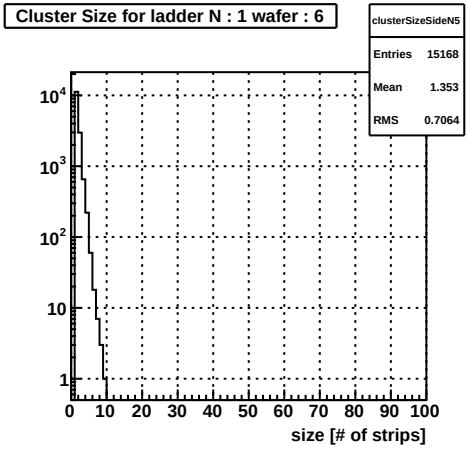

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 11019
Mean 1.352
RMS 0.7012
size [# of strips]

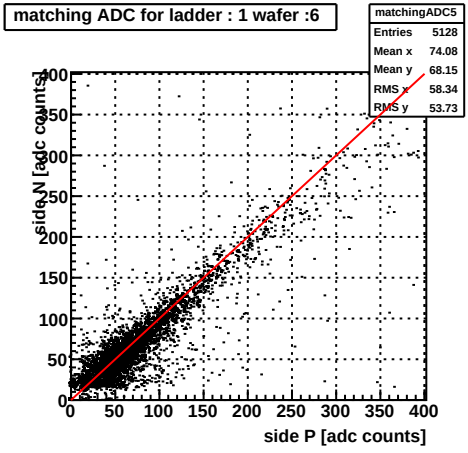

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 6018
Mean x 75.23
Mean y 63.51
RMS x 58.55
RMS y 51.64
side N [adc counts]
side P [adc counts]

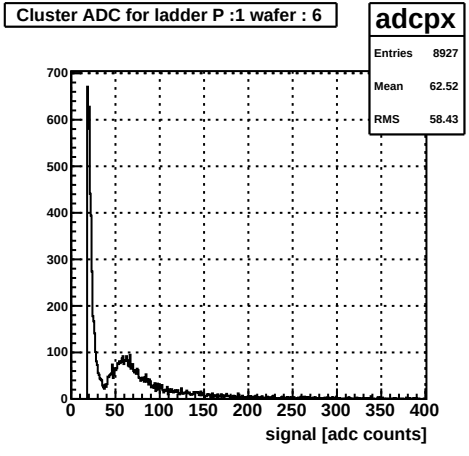

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 11726
Mean 67.05
RMS 61.7
signal [adc counts]

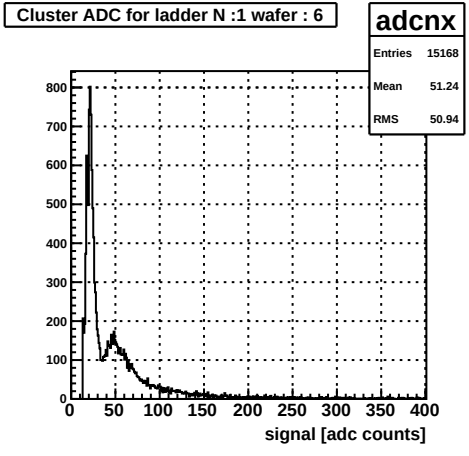

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 11019
Mean 49.82
RMS 46.48
signal [adc counts]

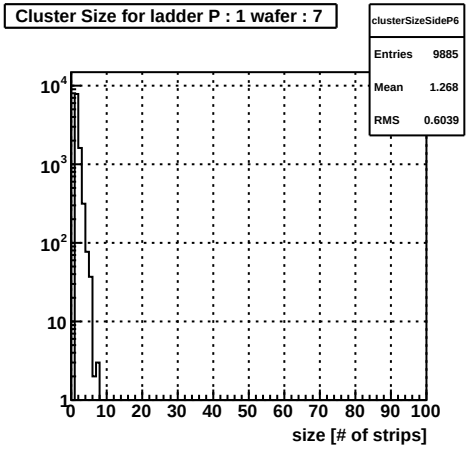

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 8927
Mean 1.296
RMS 0.6355
size [# of strips]

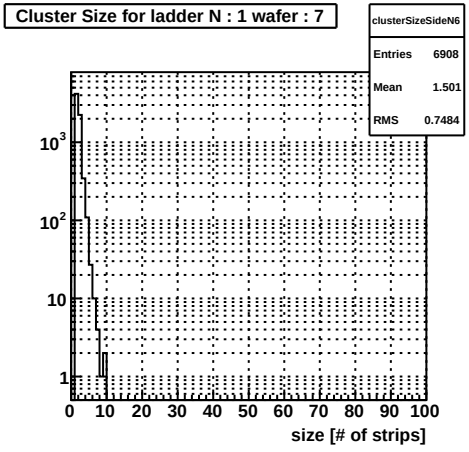

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 15168
Mean 1.353
RMS 0.7064
size [# of strips]

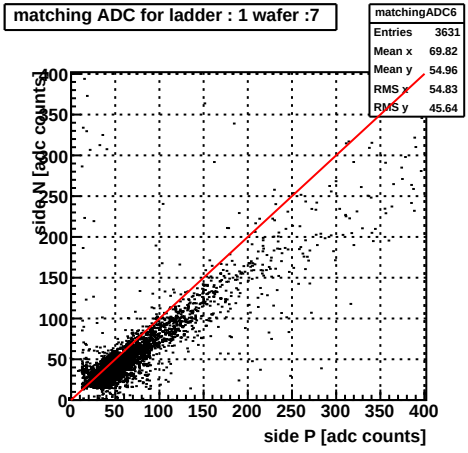

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 5128
Mean x 74.08
Mean y 68.15
RMS x 58.34
RMS y 53.73
side N [adc counts]
side P [adc counts]

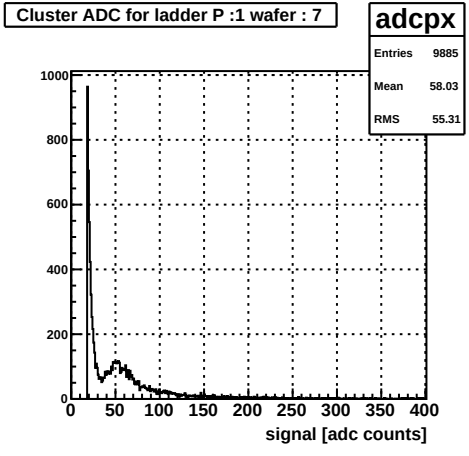

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 8927
Mean 62.52
RMS 58.43
signal [adc counts]

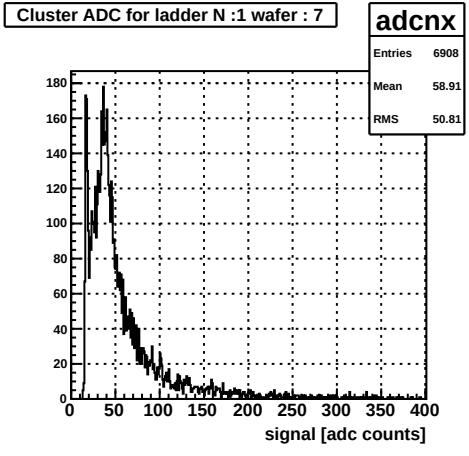

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 15168
Mean 51.24
RMS 50.94
signal [adc counts]

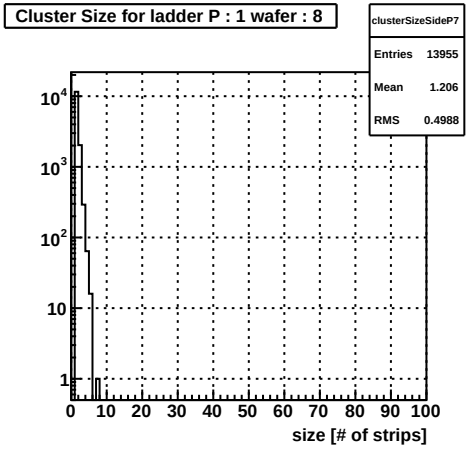

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 9885
Mean 1.268
RMS 0.6039
size [# of strips]

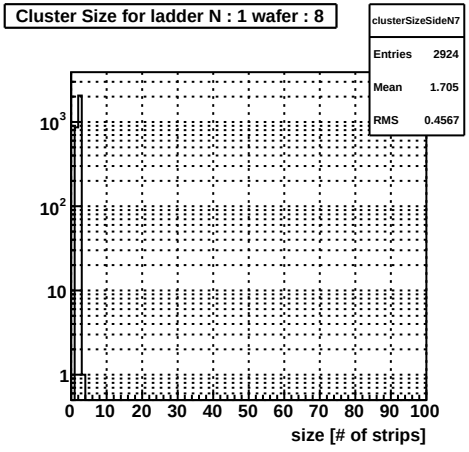

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 6908
Mean 1.501
RMS 0.7484
size [# of strips]

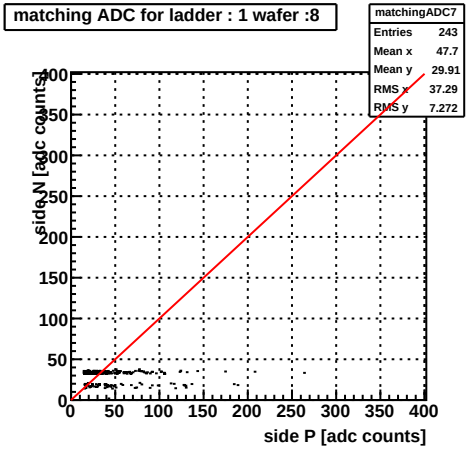

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 3631
Mean x 69.82
Mean y 54.96
RMS x 54.83
RMS y 45.64
side N [adc counts]
side P [adc counts]

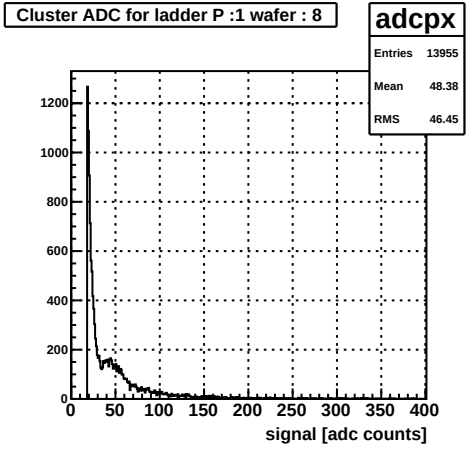

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 9885
Mean 58.03
RMS 55.31
signal [adc counts]

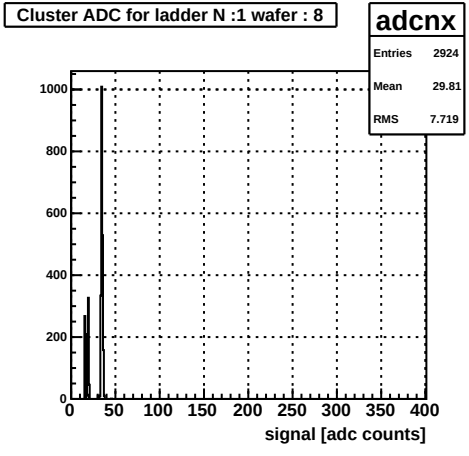

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 6908
Mean 58.91
RMS 50.81
signal [adc counts]

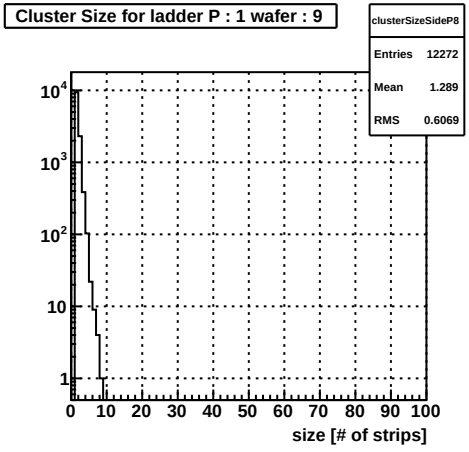

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 13955
Mean 1.206
RMS 0.4988
size [# of strips]

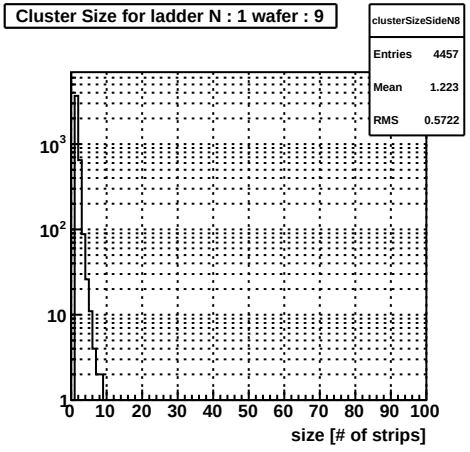

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 2924
Mean 1.705
RMS 0.4567
size [# of strips]

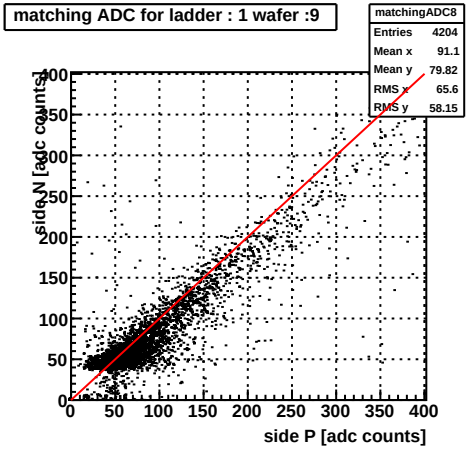

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 243
Mean x 47.7
Mean y 29.91
RMS x 37.29
RMS y 7.272
side N [adc counts]
side P [adc counts]

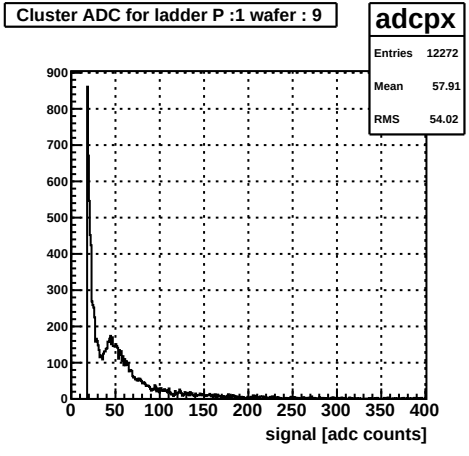

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 13955
Mean 48.38
RMS 46.45
signal [adc counts]

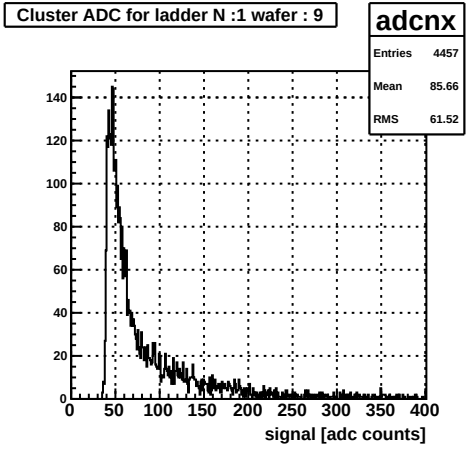

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 2924
Mean 29.81
RMS 7.719
signal [adc counts]

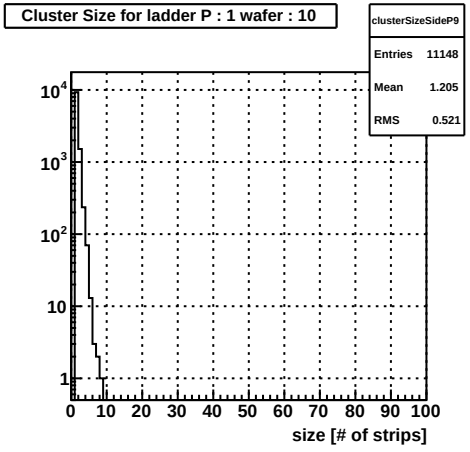

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 12272
Mean 1.289
RMS 0.6069
size [# of strips]

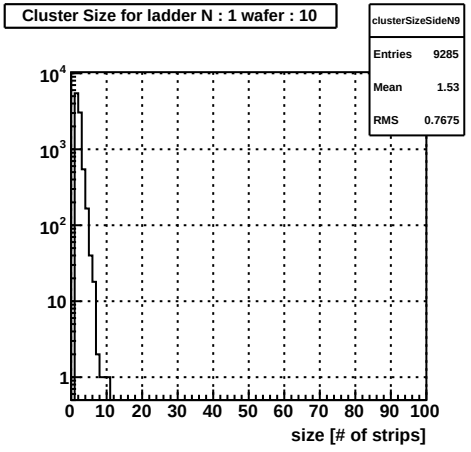

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 4457
Mean 1.223
RMS 0.5722
size [# of strips]

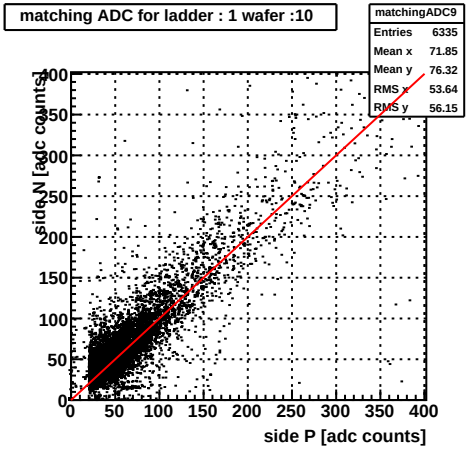

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 4204
Mean x 91.1
Mean y 79.82
RMS x 65.6
RMS y 58.15
side N [adc counts]
side P [adc counts]

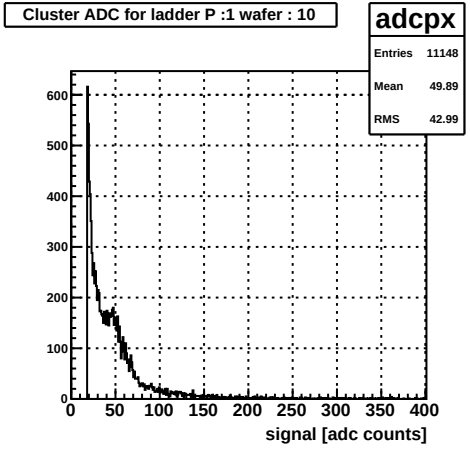

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 12272
Mean 57.91
RMS 54.02
signal [adc counts]

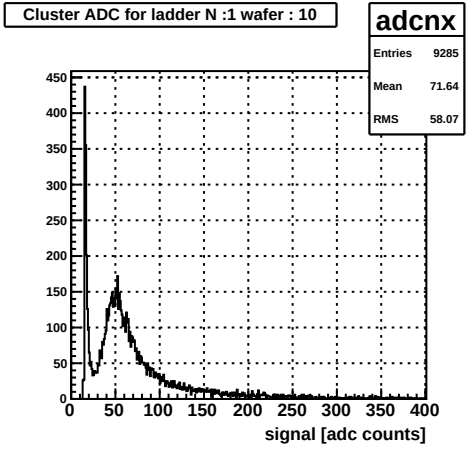

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 4457
Mean 85.66
RMS 61.52
signal [adc counts]

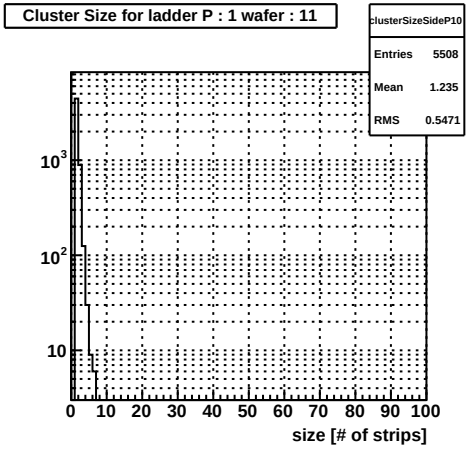

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 11148
Mean 1.205
RMS 0.521
size [# of strips]

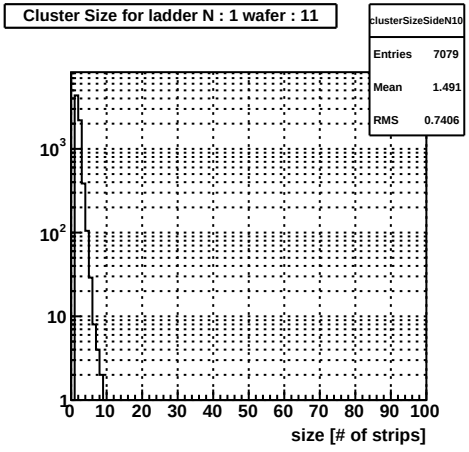

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 9285
Mean 1.53
RMS 0.7675
size [# of strips]

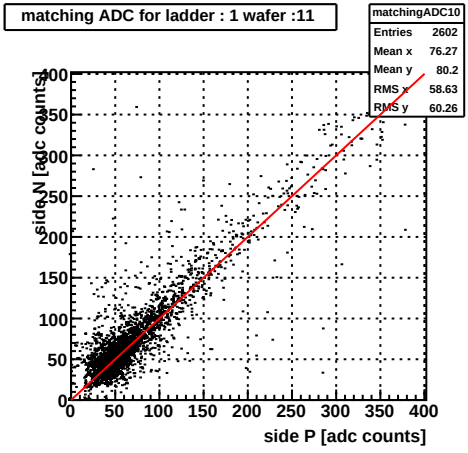

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 6335
Mean x 71.85
Mean y 76.32
RMS x 53.64
RMS y 56.15
side N [adc counts]
side P [adc counts]

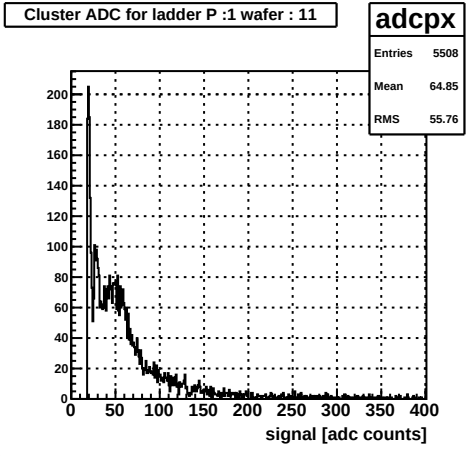

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 11148
Mean 49.89
RMS 42.99
signal [adc counts]

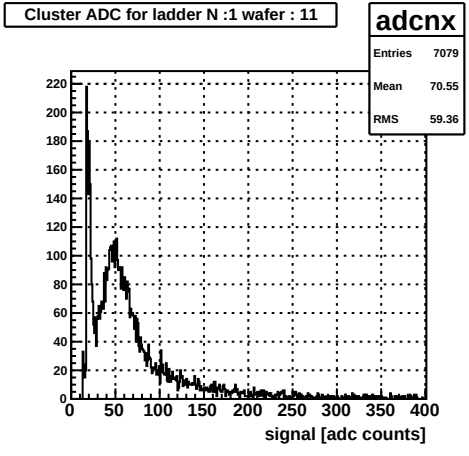

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 9285
Mean 71.64
RMS 58.07
signal [adc counts]

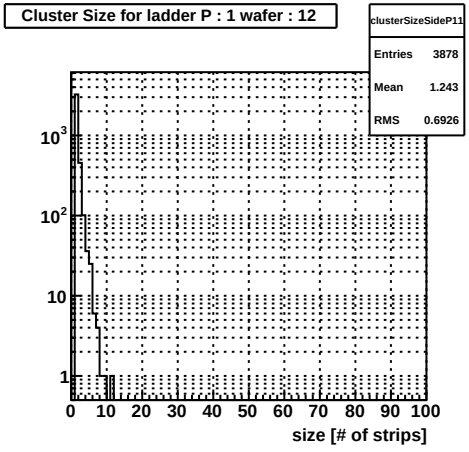

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 5508
Mean 1.235
RMS 0.5471
size [# of strips]

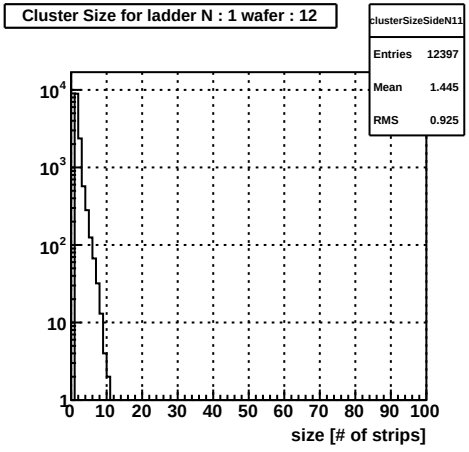

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 7079
Mean 1.491
RMS 0.7406
size [# of strips]

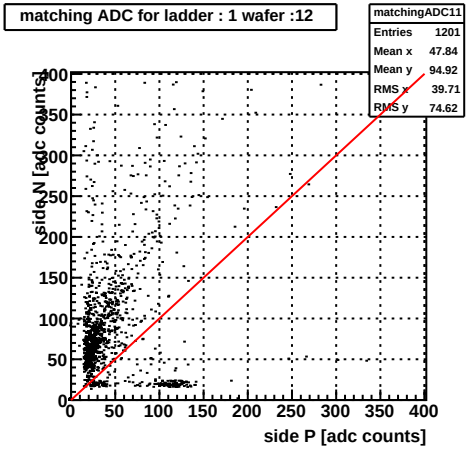

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 2602
Mean x 76.27
Mean y 80.2
RMS x 58.63
RMS y 60.26
side N [adc counts]
side P [adc counts]

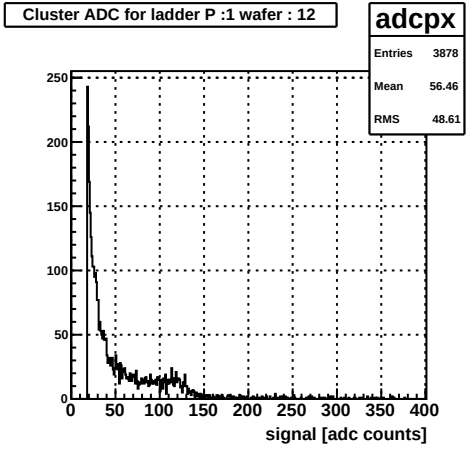

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 5508
Mean 64.85
RMS 55.76
signal [adc counts]

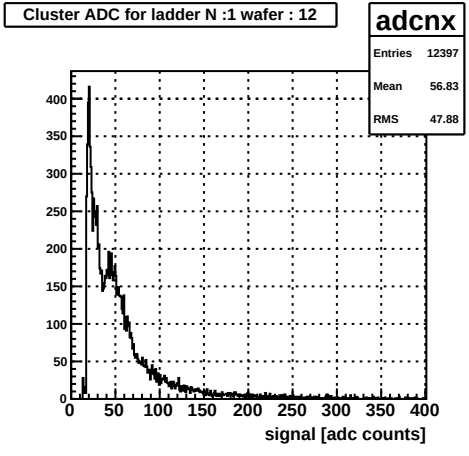

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 7079
Mean 70.55
RMS 59.36
signal [adc counts]

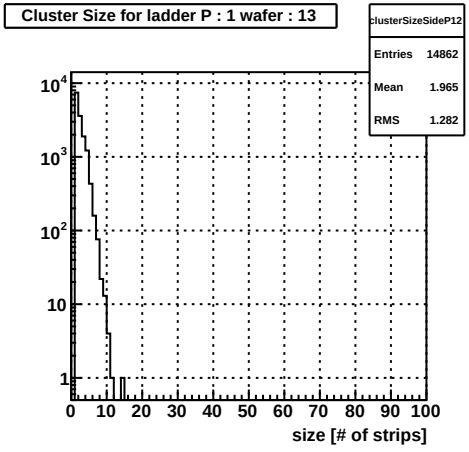

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 3878
Mean 1.243
RMS 0.6926
size [# of strips]

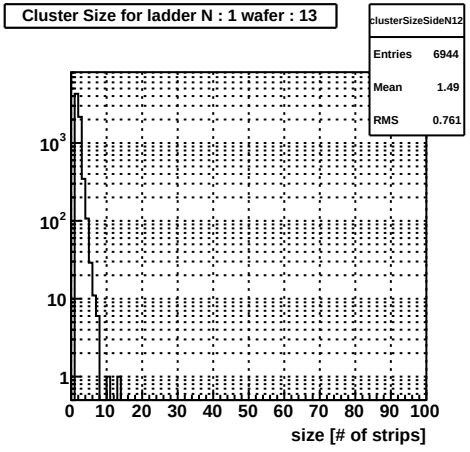

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 12397
Mean 1.445
RMS 0.925
size [# of strips]

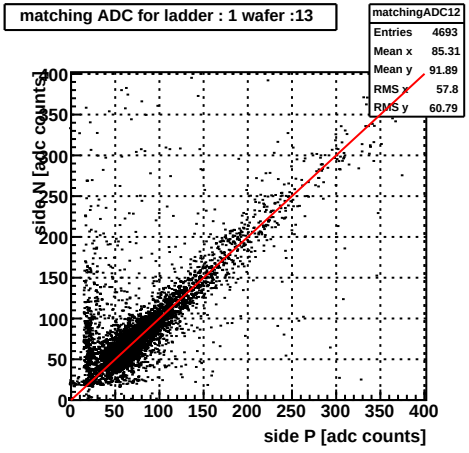

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 1201
Mean x 47.84
Mean y 94.92
RMS x 39.71
RMS y 74.62
side N [adc counts]
side P [adc counts]

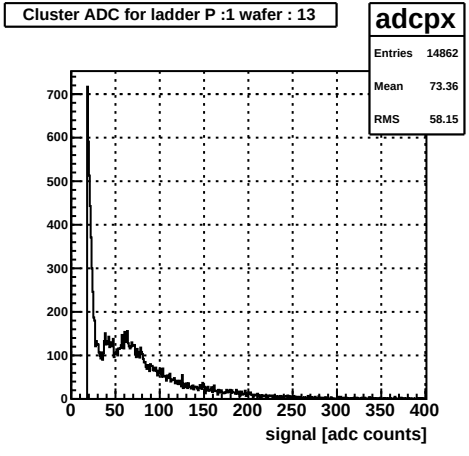

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 3878
Mean 56.46
RMS 48.61
signal [adc counts]

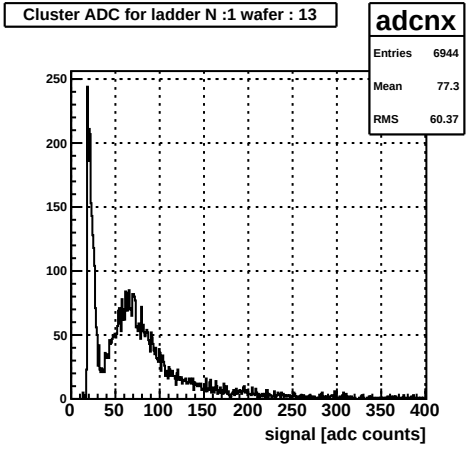

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 12397
Mean 56.83
RMS 47.88
signal [adc counts]

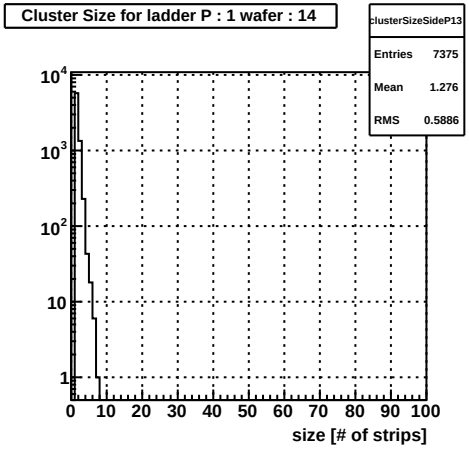

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 14862
Mean 1.965
RMS 1.282
size [# of strips]

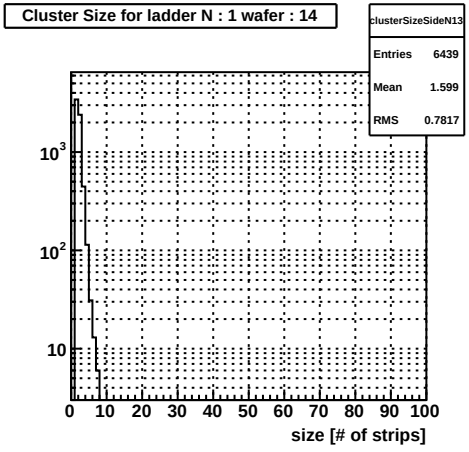

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 6944
Mean 1.49
RMS 0.761
size [# of strips]

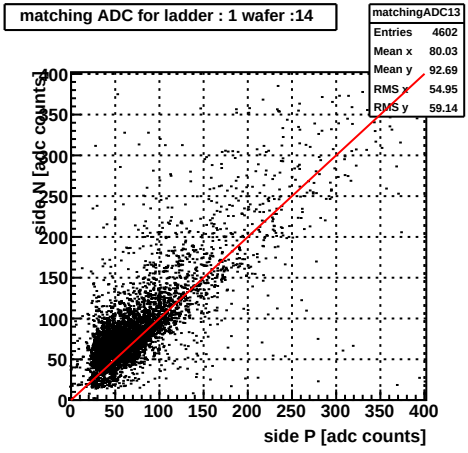

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 4693
Mean x 85.31
Mean y 91.89
RMS x 57.8
RMS y 60.79
side N [adc counts]
side P [adc counts]

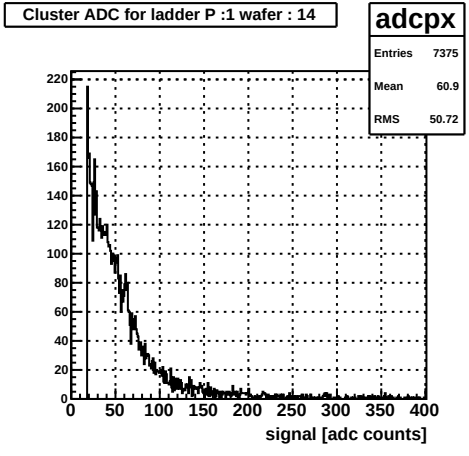

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 14862
Mean 73.36
RMS 58.15
signal [adc counts]

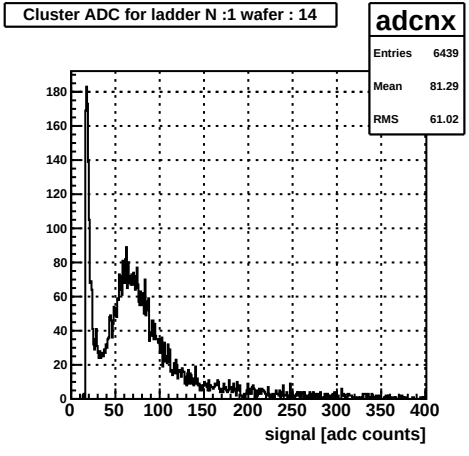

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 6944
Mean 77.3
RMS 60.37
signal [adc counts]

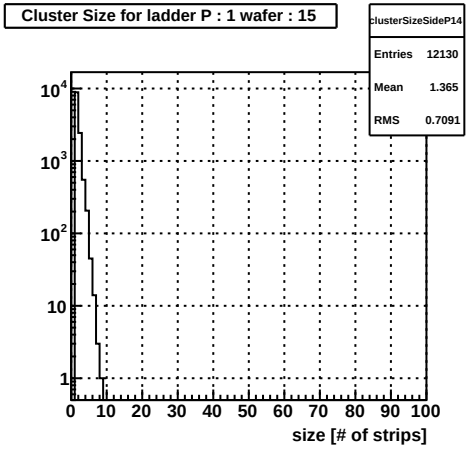

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 7375
Mean 1.276
RMS 0.5886
size [# of strips]

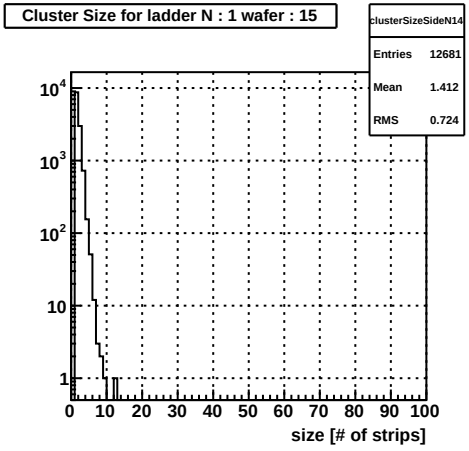

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 6439
Mean 1.599
RMS 0.7817
size [# of strips]

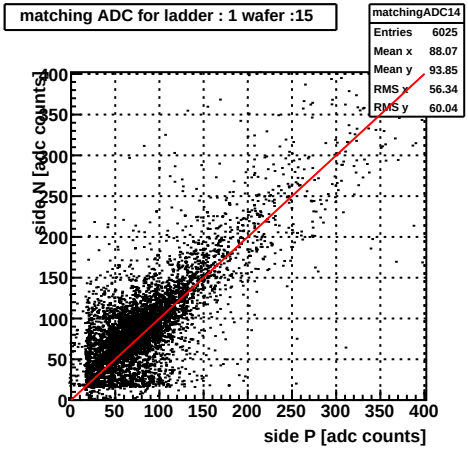

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 4602
Mean x 80.03
Mean y 92.69
RMS x 54.95
RMS y 59.14
side N [adc counts]
side P [adc counts]

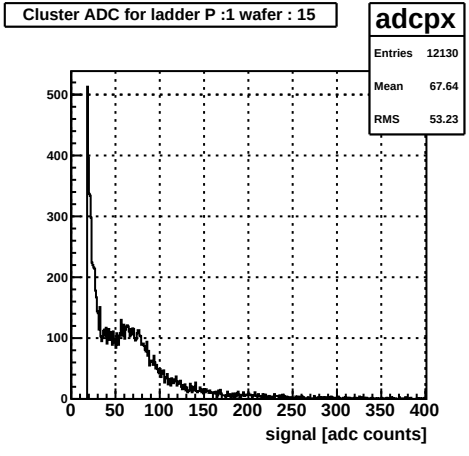

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 7375
Mean 60.9
RMS 50.72
signal [adc counts]

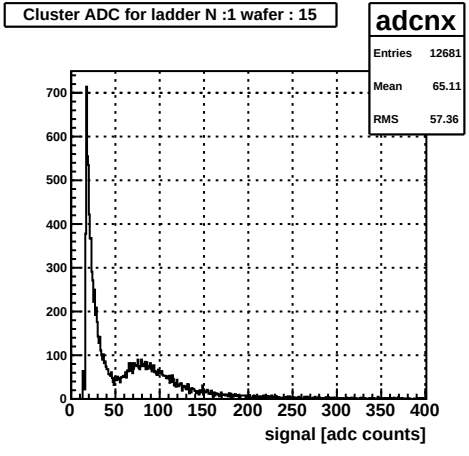

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 6439
Mean 81.29
RMS 61.02
signal [adc counts]

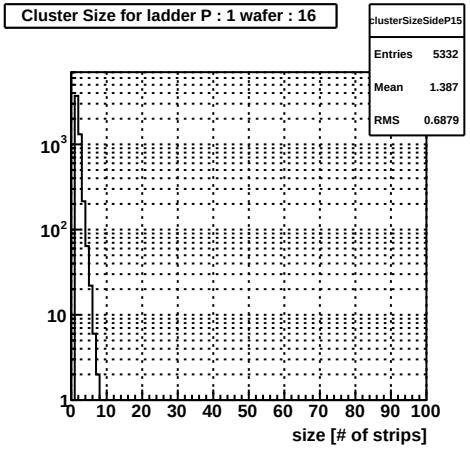

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 12130
Mean 1.365
RMS 0.7091
size [# of strips]

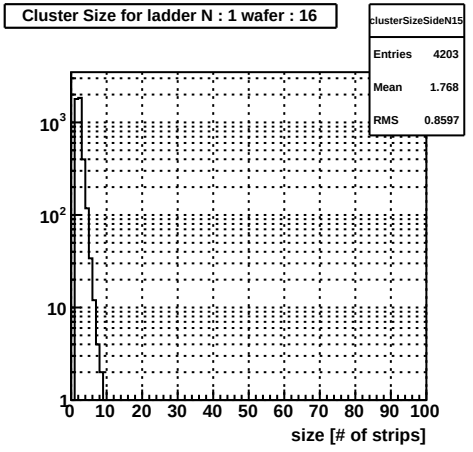

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 12681
Mean 1.412
RMS 0.724
size [# of strips]

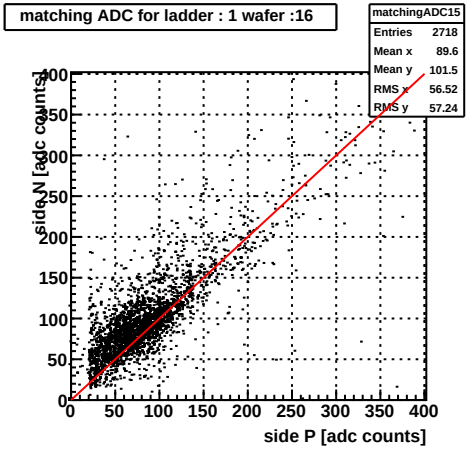

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 6025
Mean x 88.07
Mean y 93.85
RMS x 56.34
RMS y 60.04
side N [adc counts]
side P [adc counts]

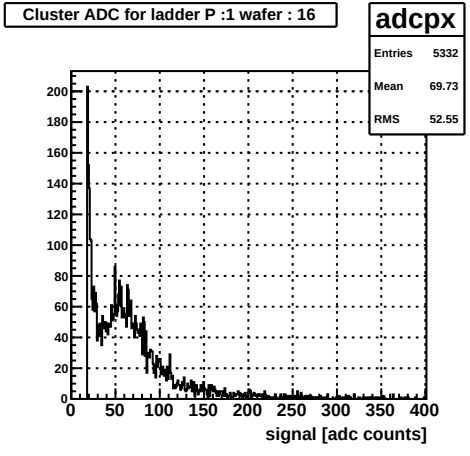

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 12130
Mean 67.64
RMS 53.23
signal [adc counts]

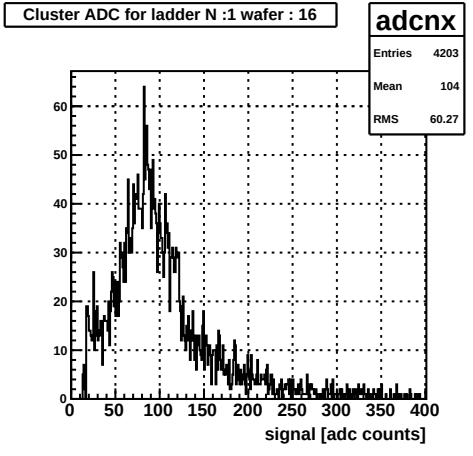

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 12681
Mean 65.11
RMS 57.36
signal [adc counts]

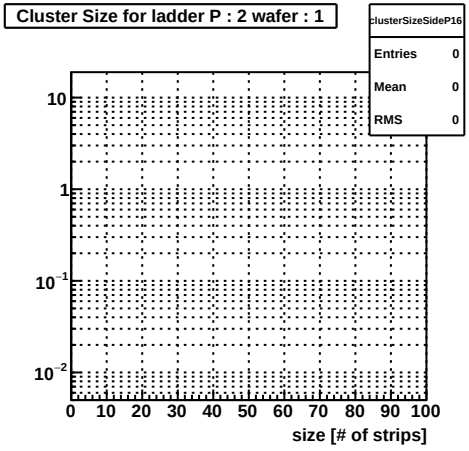

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 5332
Mean 1.387
RMS 0.6879
size [# of strips]

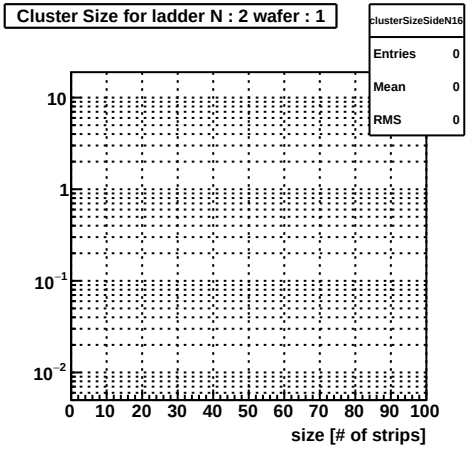

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 4203
Mean 1.768
RMS 0.8597
size [# of strips]

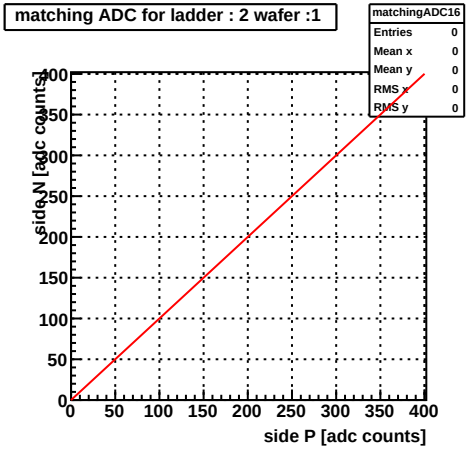

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 2718
Mean x 89.6
Mean y 101.5
RMS x 56.52
RMS y 57.24
side N [adc counts]
side P [adc counts]

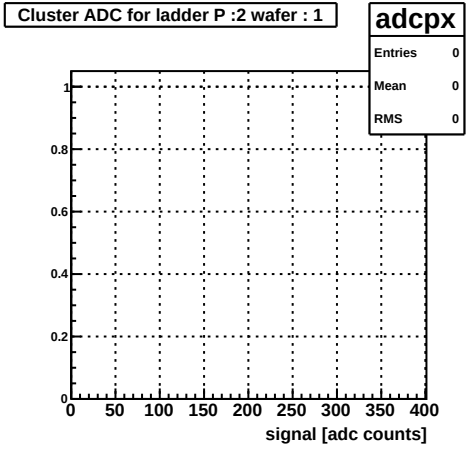

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 5332
Mean 69.73
RMS 52.55
signal [adc counts]

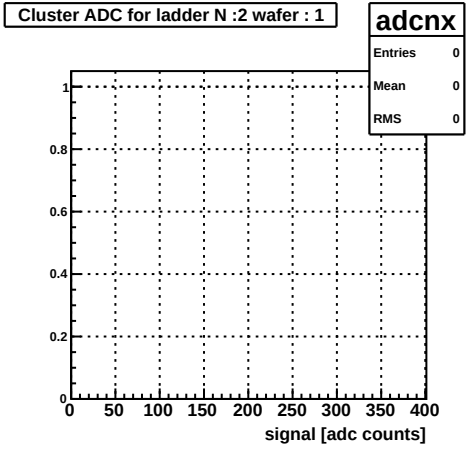

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 4203
Mean 104
RMS 60.27
signal [adc counts]

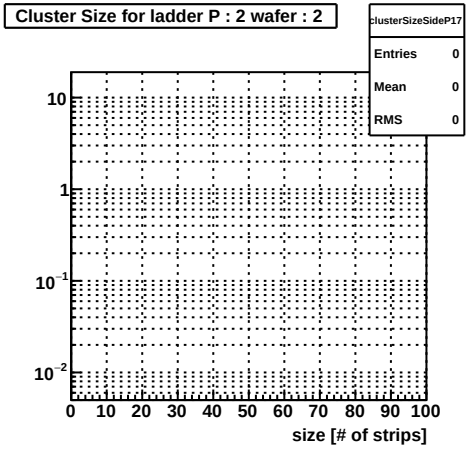

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

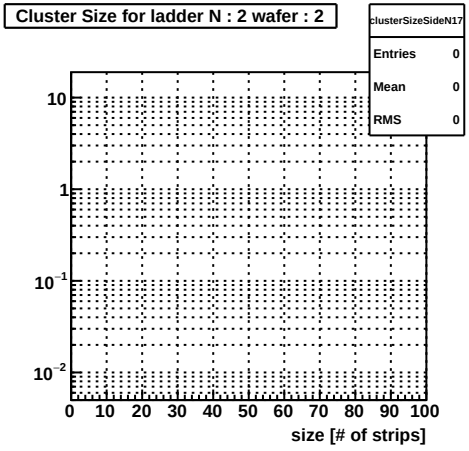

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

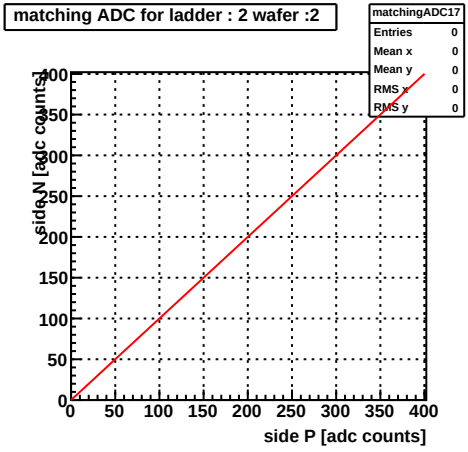

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

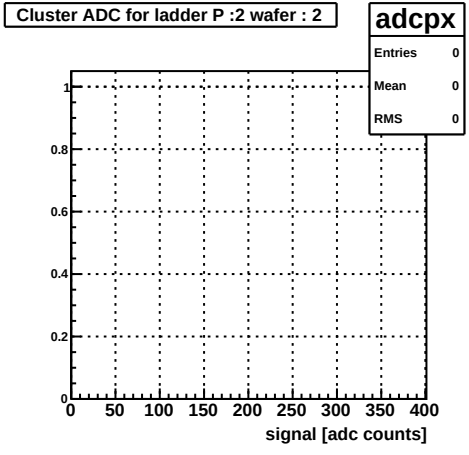

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

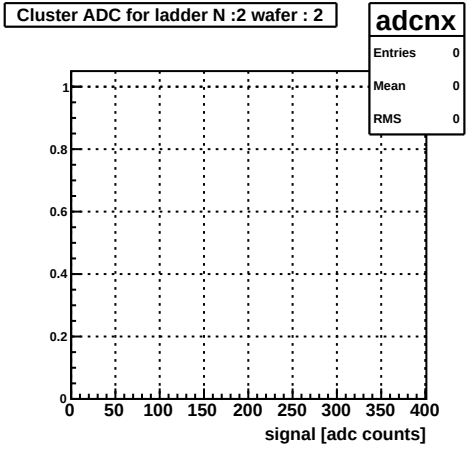

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

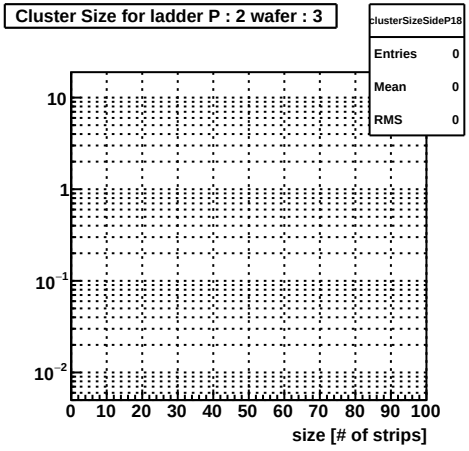

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

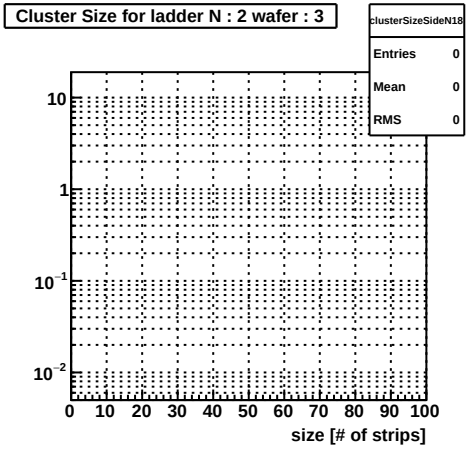

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

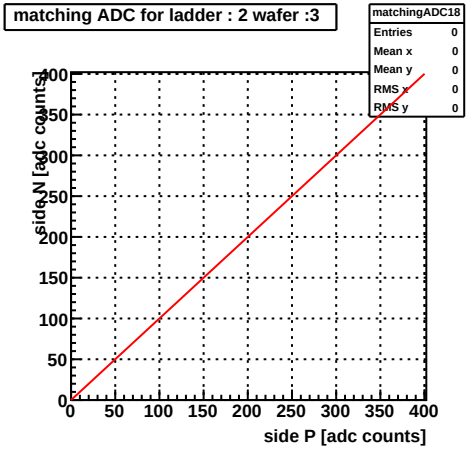

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

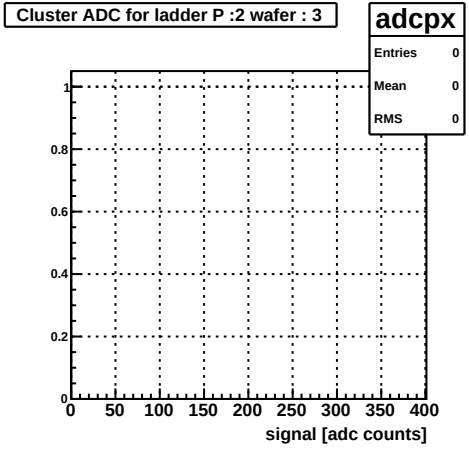

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

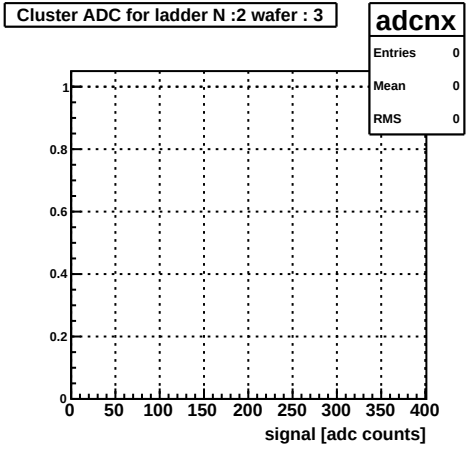

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

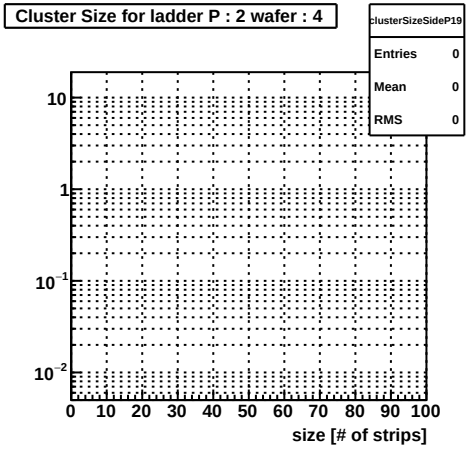

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

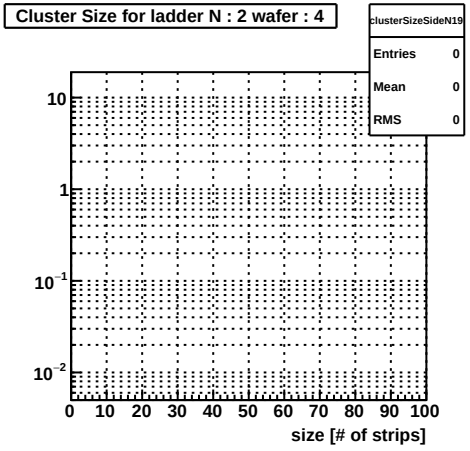

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

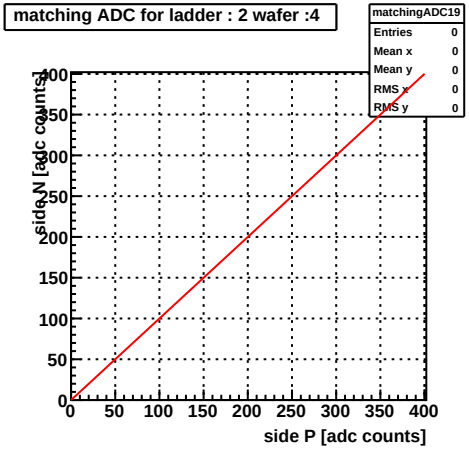

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

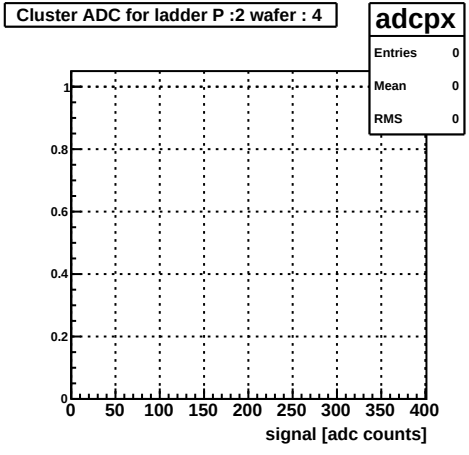

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

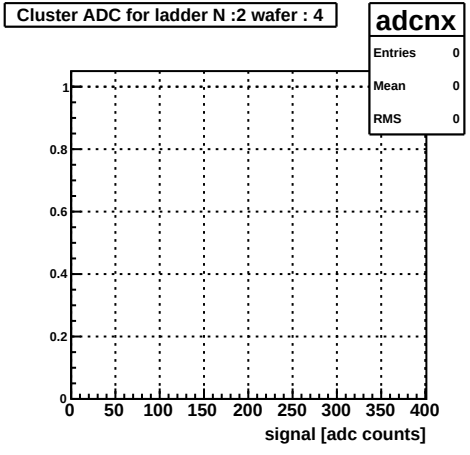

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

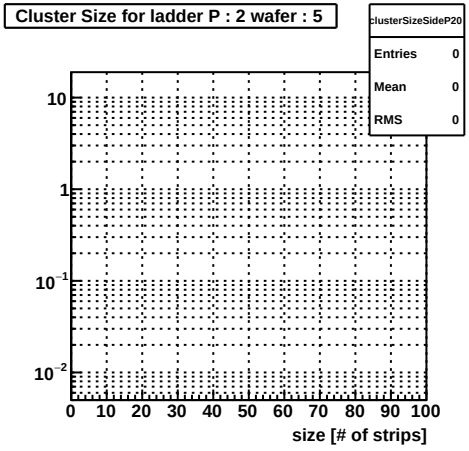

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

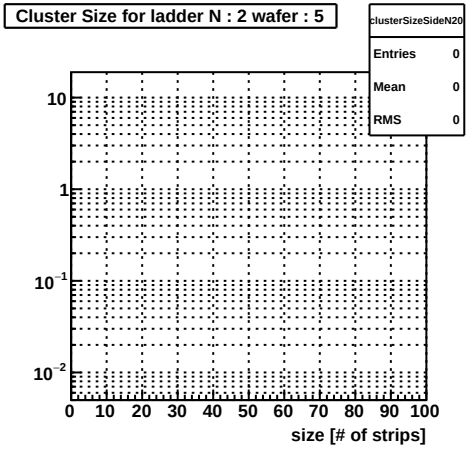

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

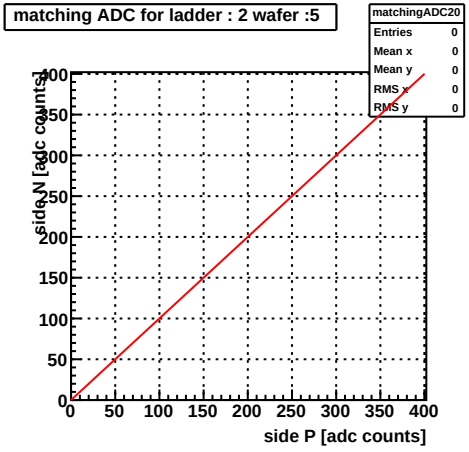

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

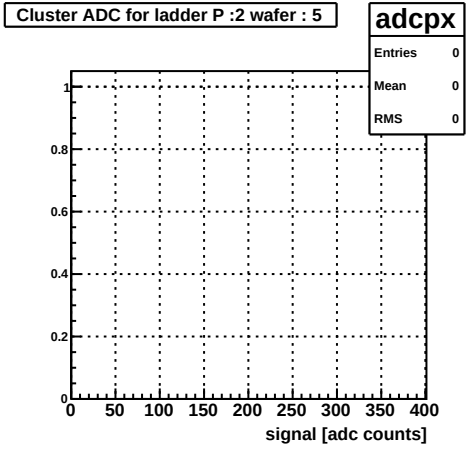

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

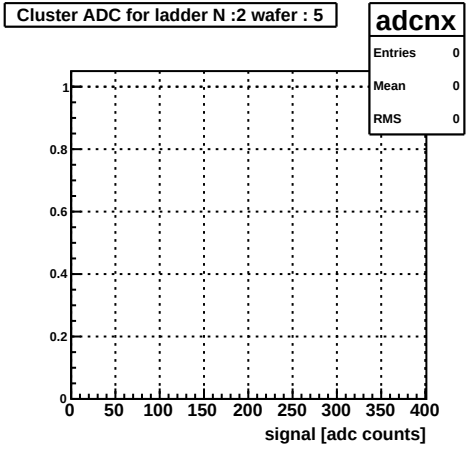

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

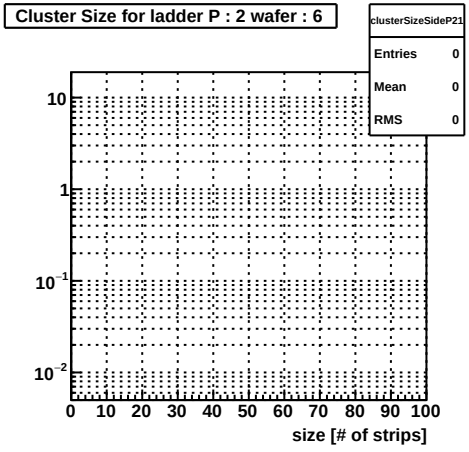

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

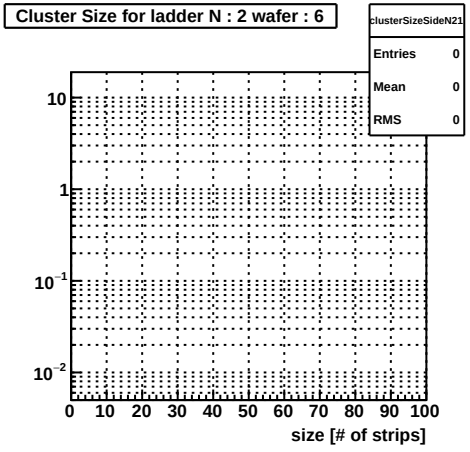

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

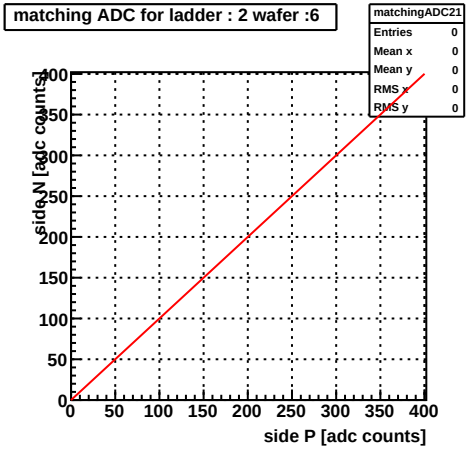

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

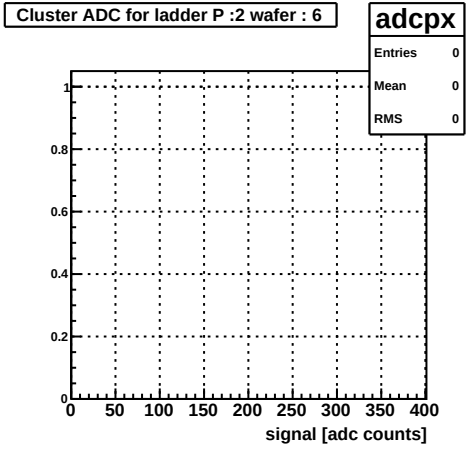

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

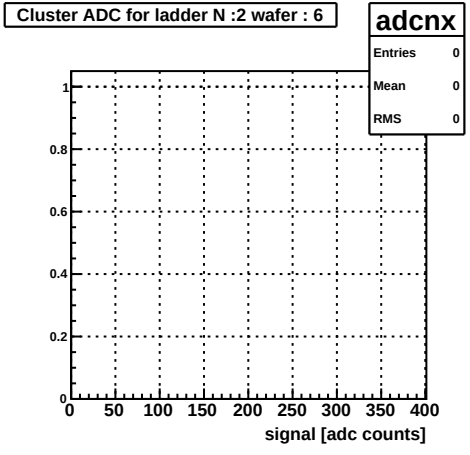

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

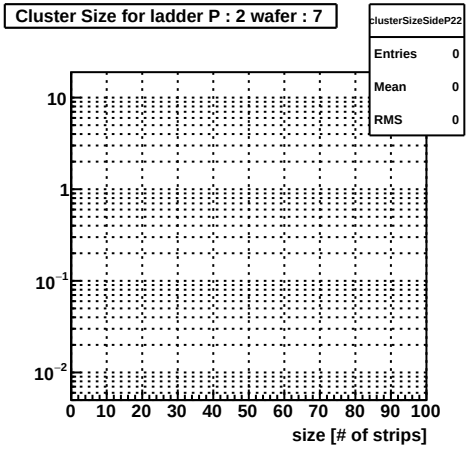

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

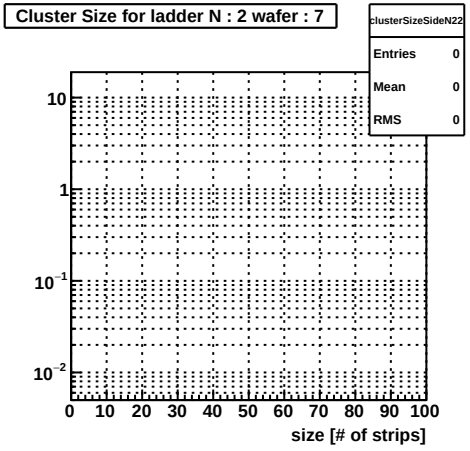

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

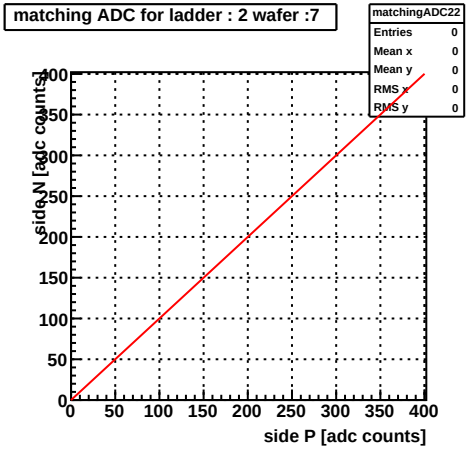

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

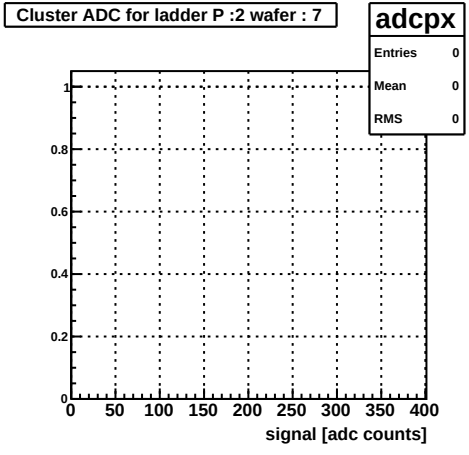

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

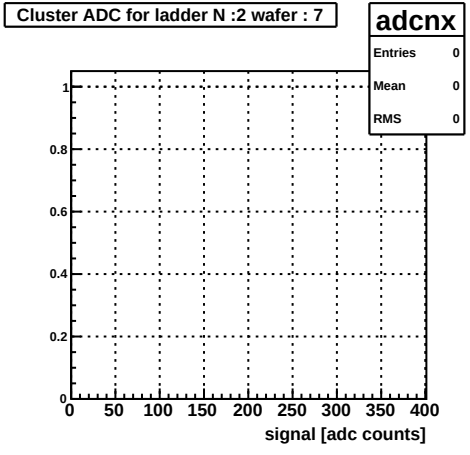

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

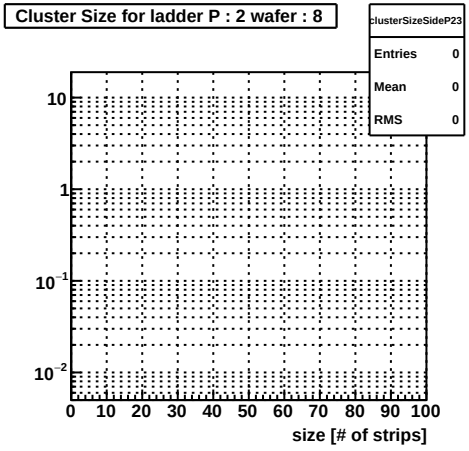

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

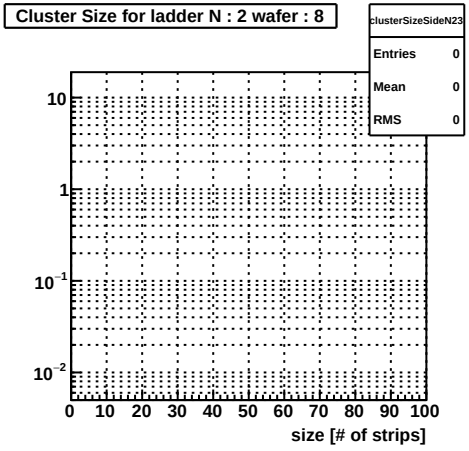

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

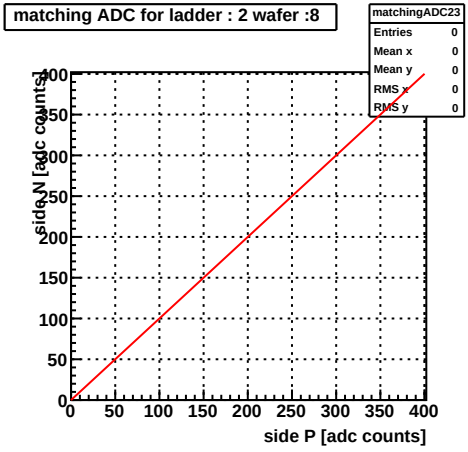

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

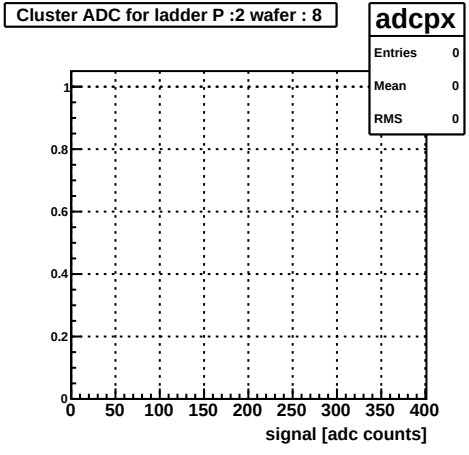

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

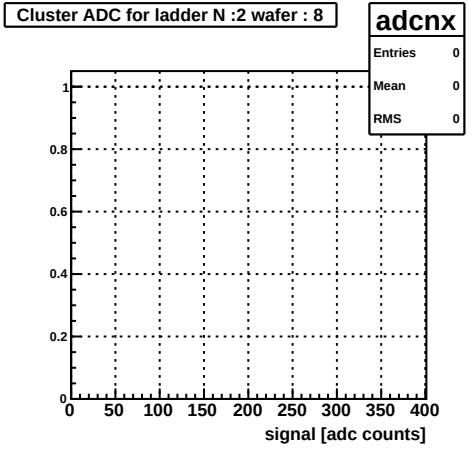

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

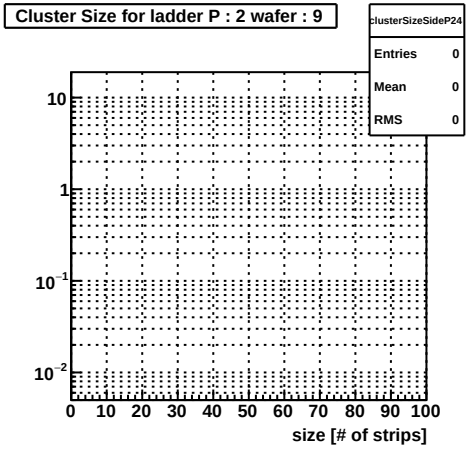

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

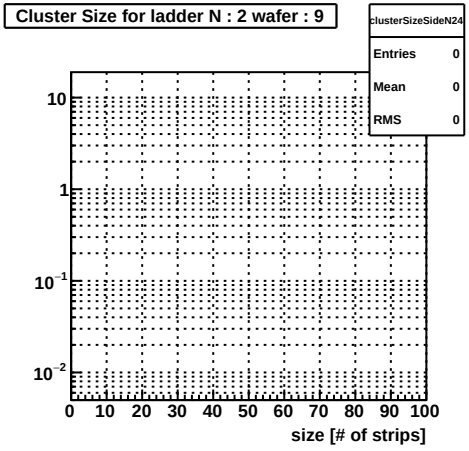

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

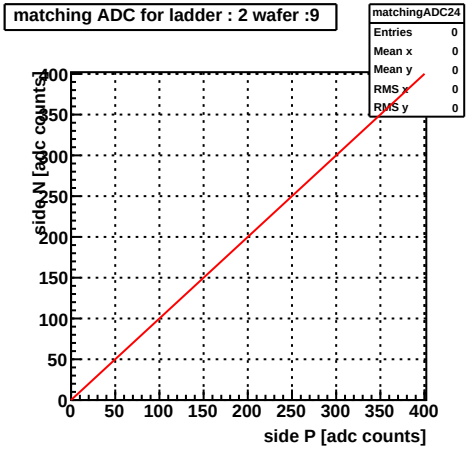

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

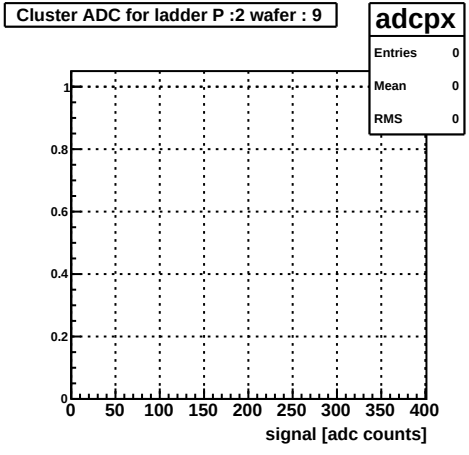

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

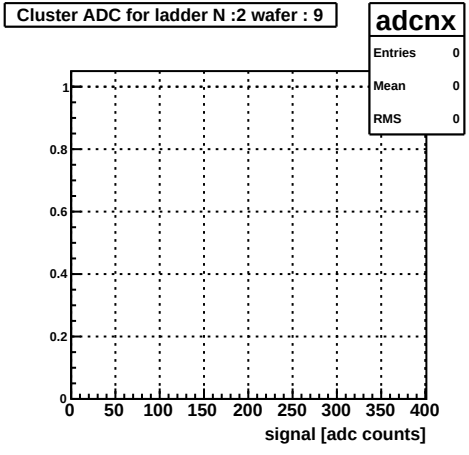

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

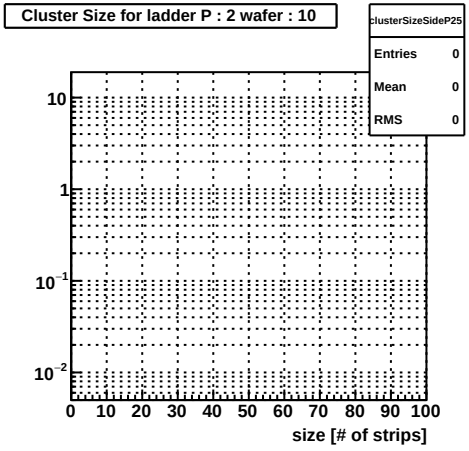

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

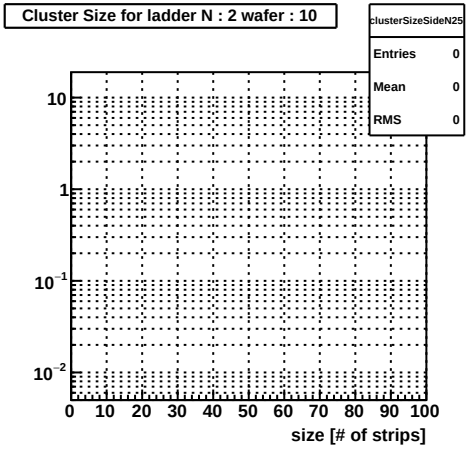

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

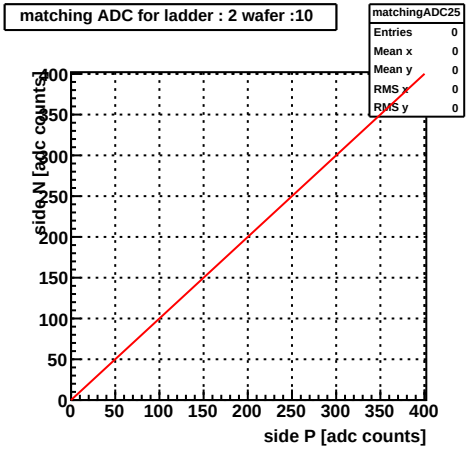

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

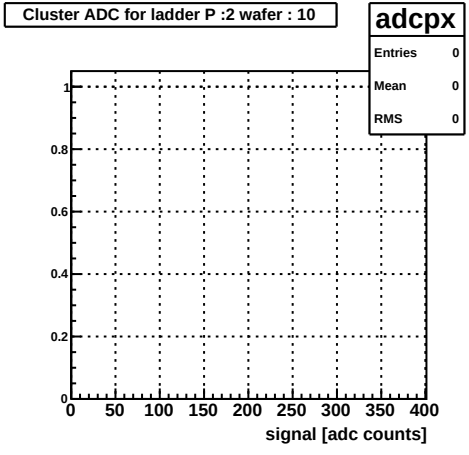

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

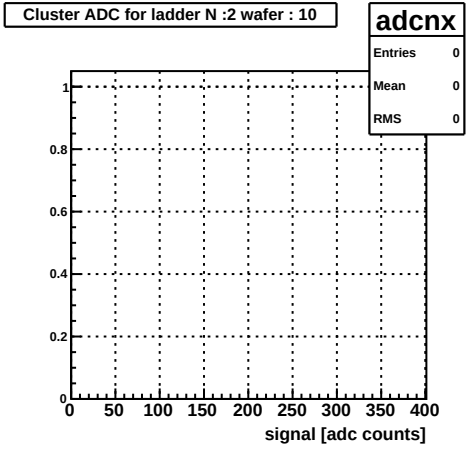

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

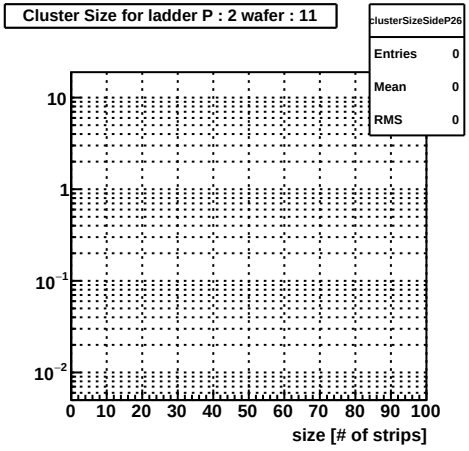

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

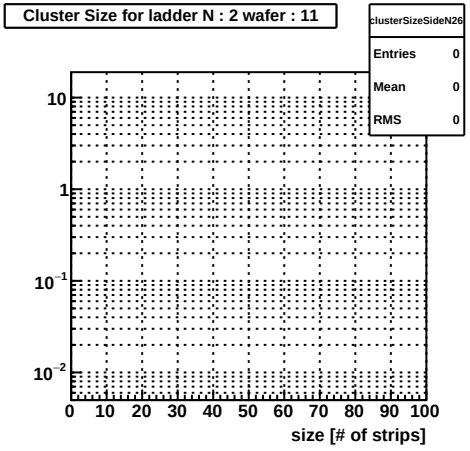

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

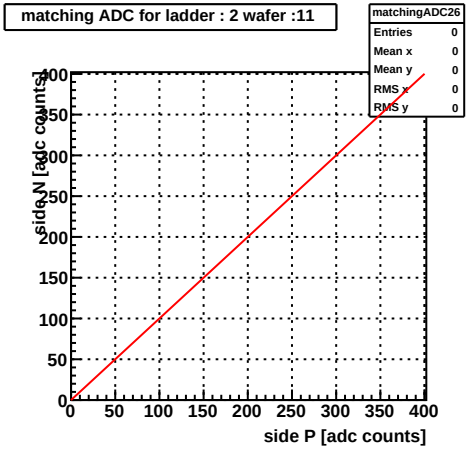

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

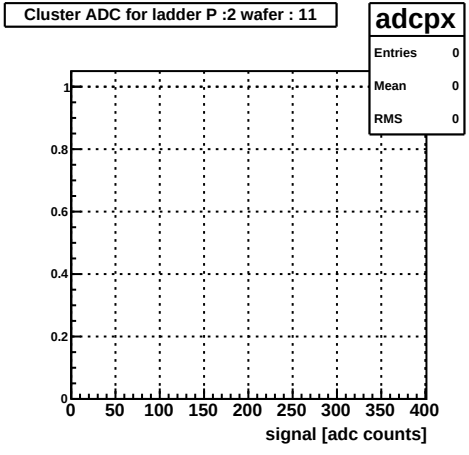

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

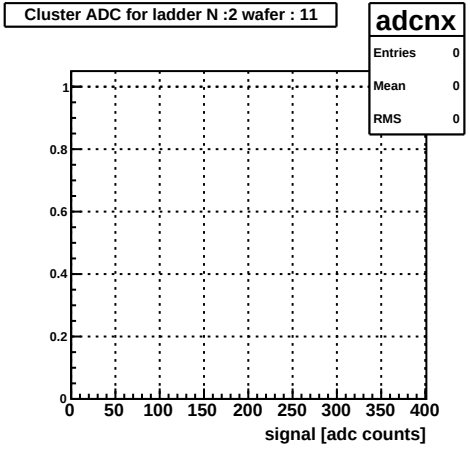

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

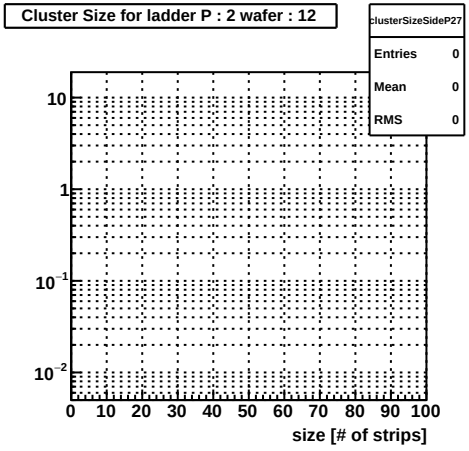

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

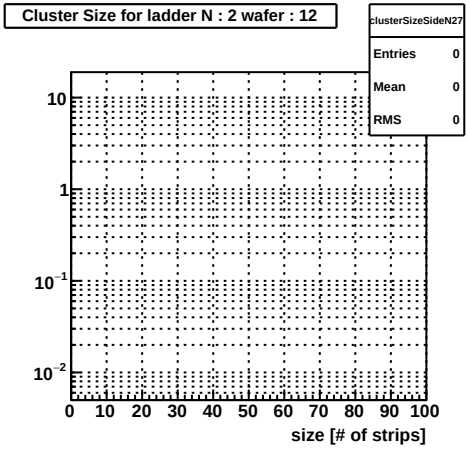

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

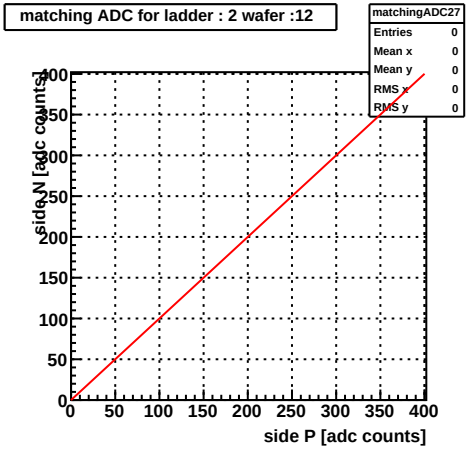

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

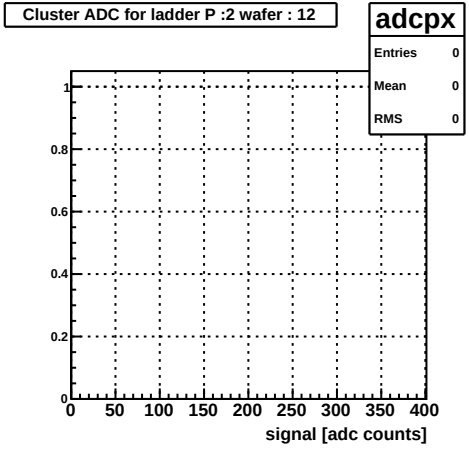

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

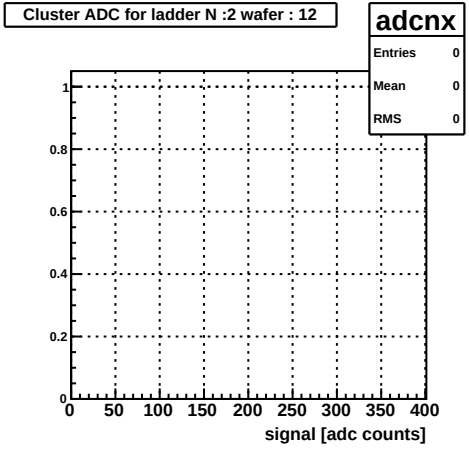

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

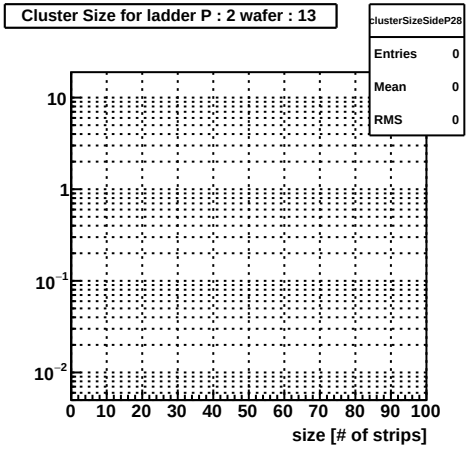

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

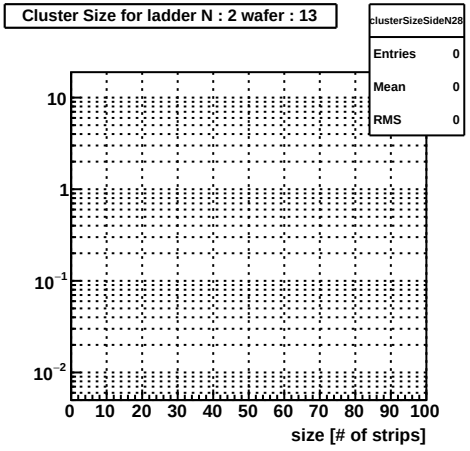

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

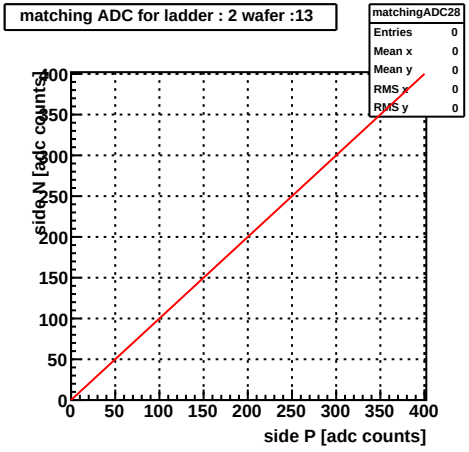

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

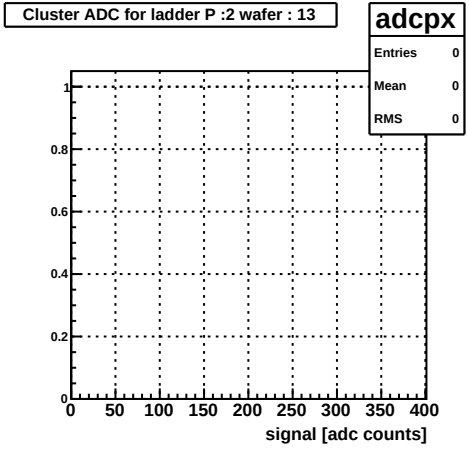

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

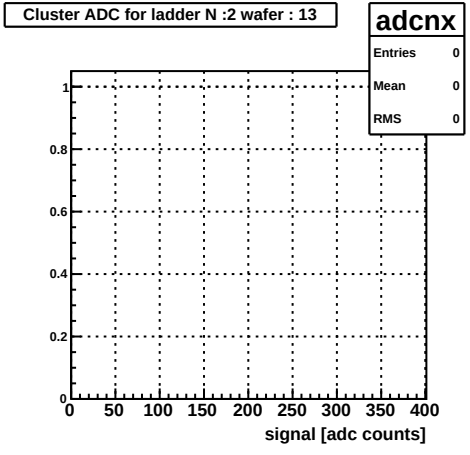

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

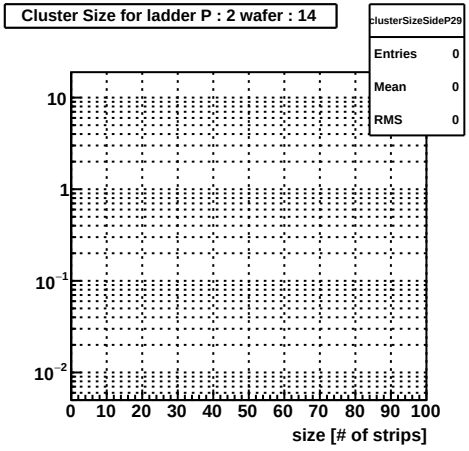

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

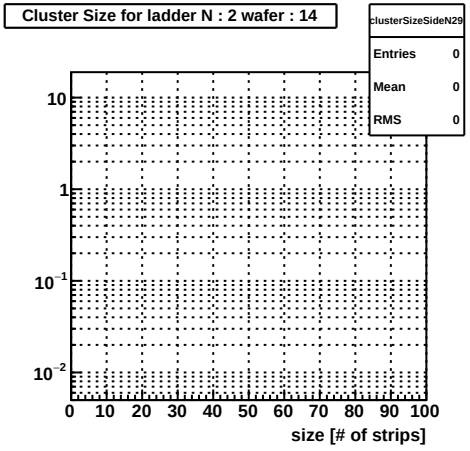

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

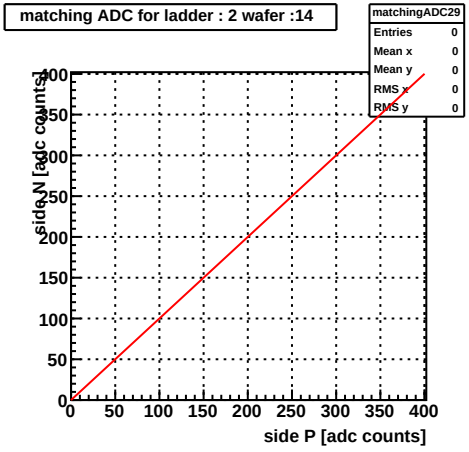

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

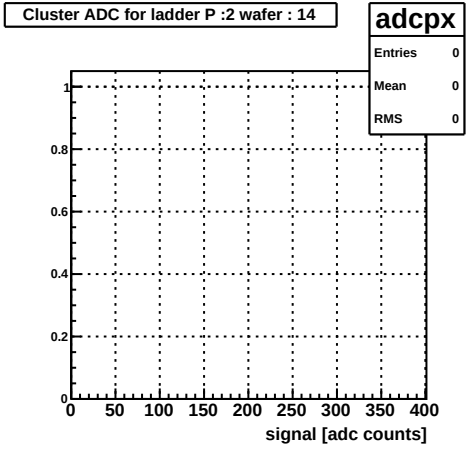

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

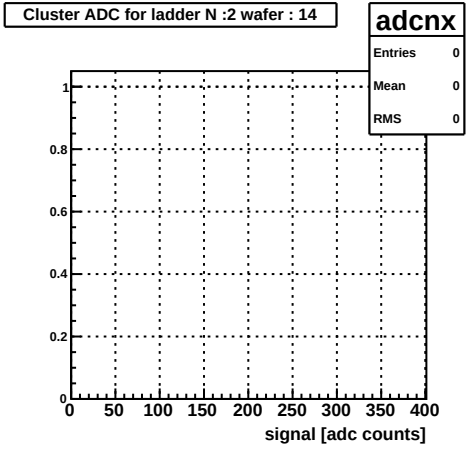

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

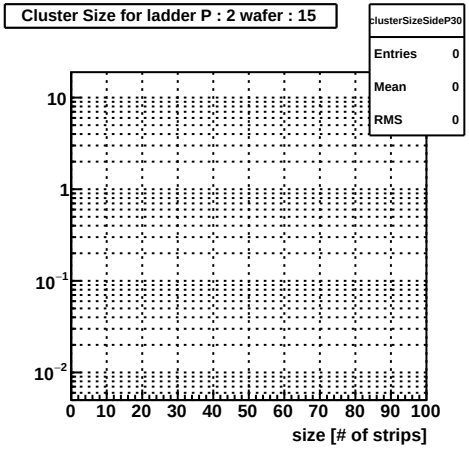

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

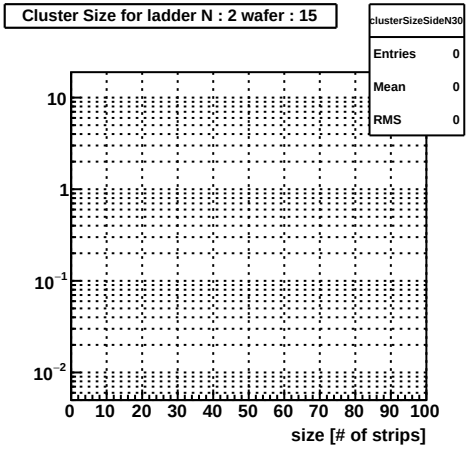

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

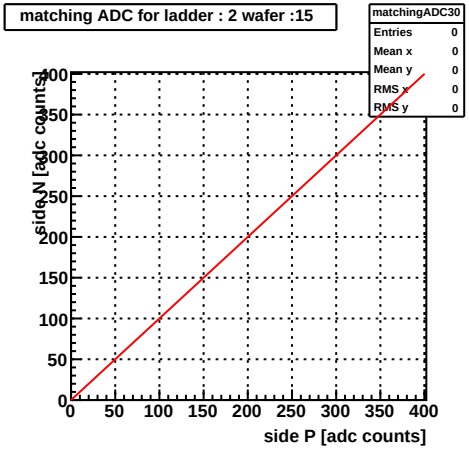

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

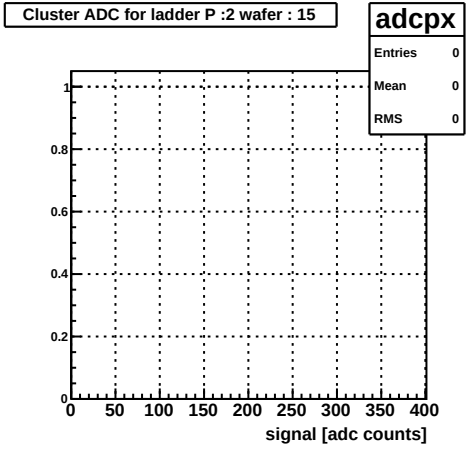

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

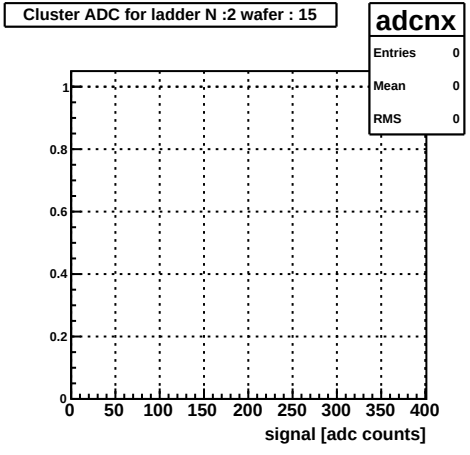

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

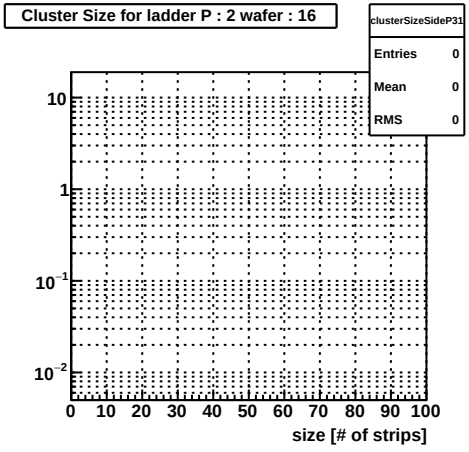

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

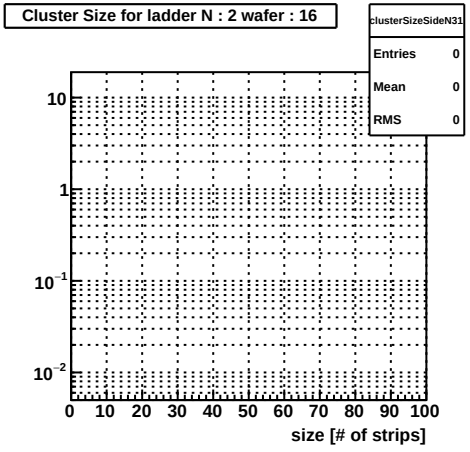

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

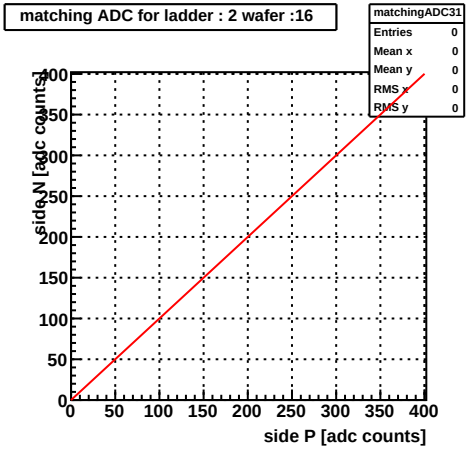

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

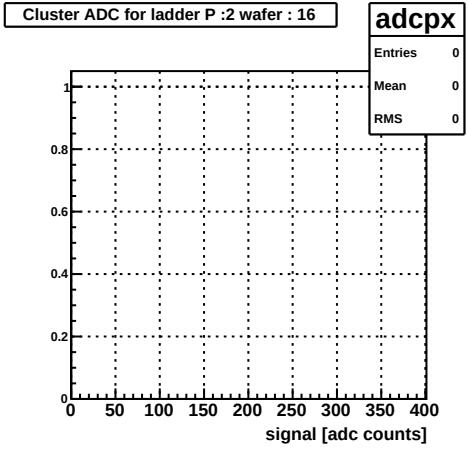

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

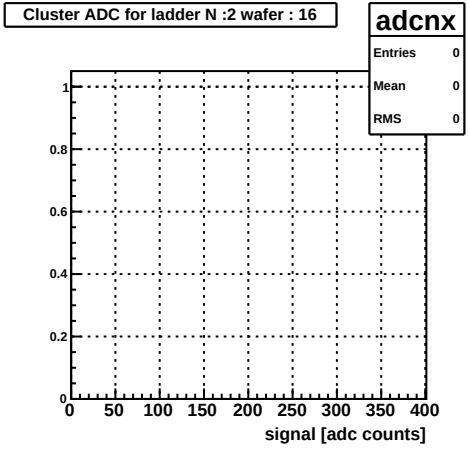

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

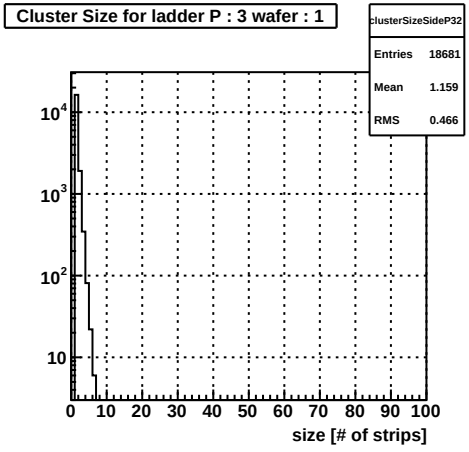

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

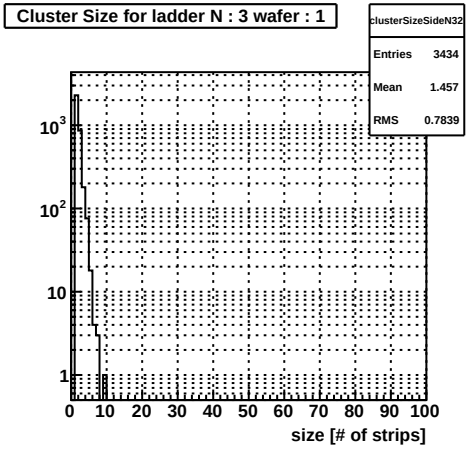

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

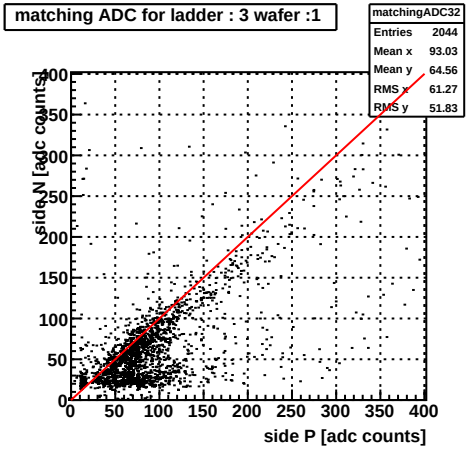

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

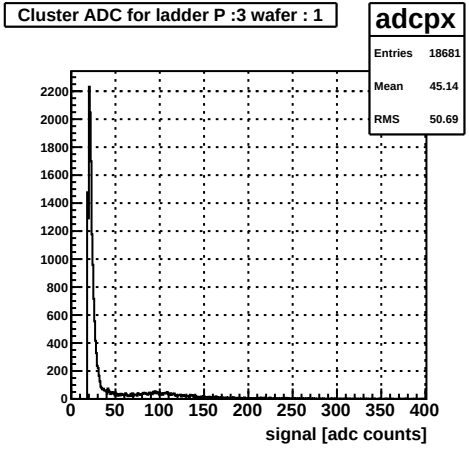

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

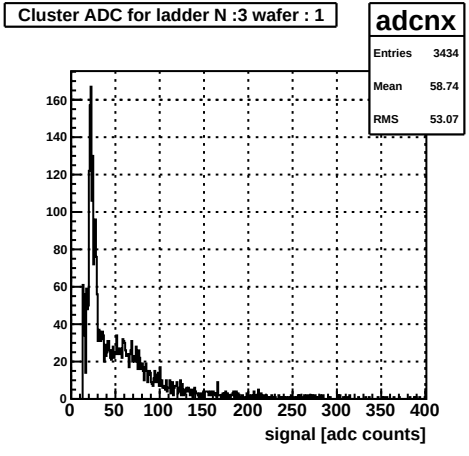

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

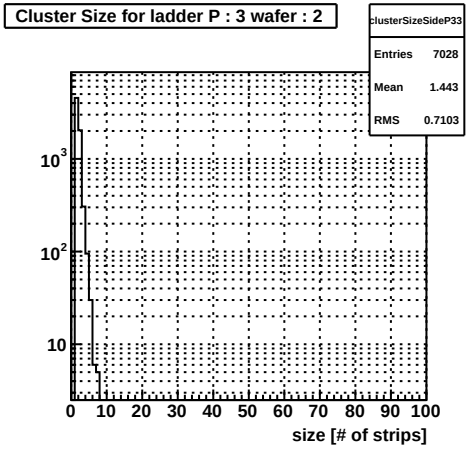

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 18681
Mean 1.159
RMS 0.466
size [# of strips]

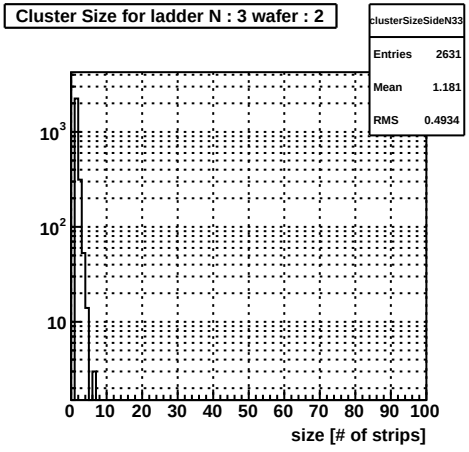

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 3434
Mean 1.457
RMS 0.7839
size [# of strips]

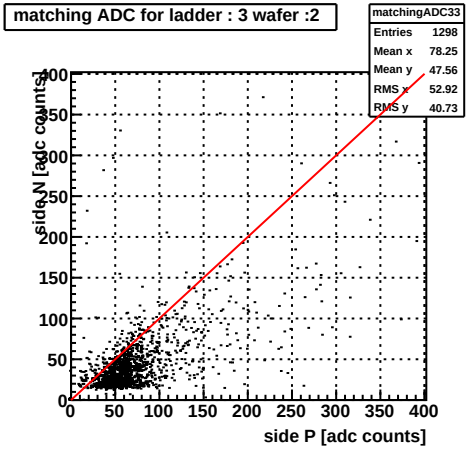

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 2044
Mean x 93.03
Mean y 64.56
RMS x 61.27
RMS y 51.83
side N [adc counts]
side P [adc counts]

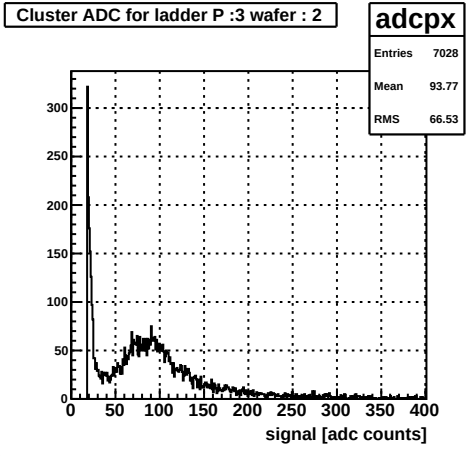

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 18681
Mean 45.14
RMS 50.69
signal [adc counts]

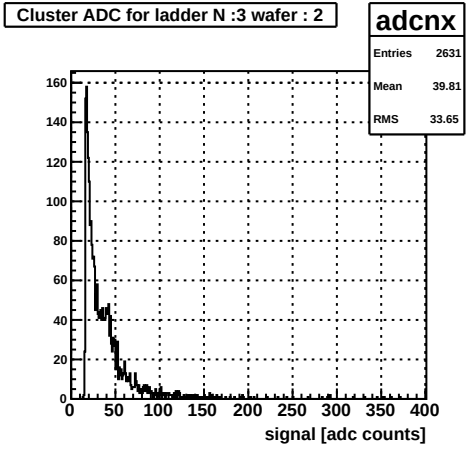

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 3434
Mean 58.74
RMS 53.07
signal [adc counts]

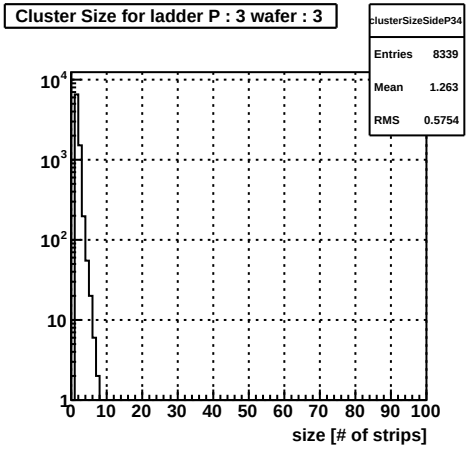

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 7028
Mean 1.443
RMS 0.7103
size [# of strips]

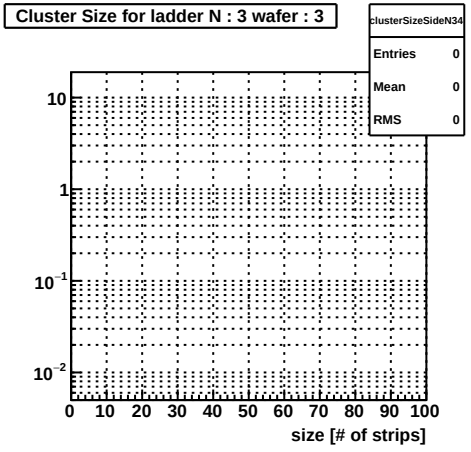

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2631
Mean 1.181
RMS 0.4934
size [# of strips]

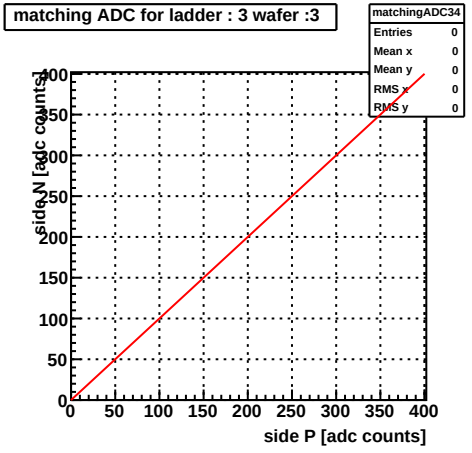

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 1298
Mean x 78.25
Mean y 47.56
RMS x 52.92
RMS y 40.73
side N [adc counts]
side P [adc counts]

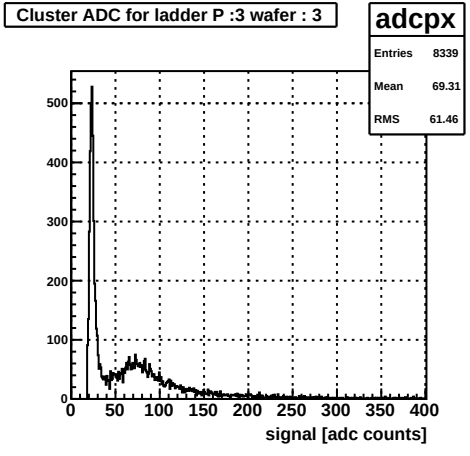

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 7028
Mean 93.77
RMS 66.53
signal [adc counts]

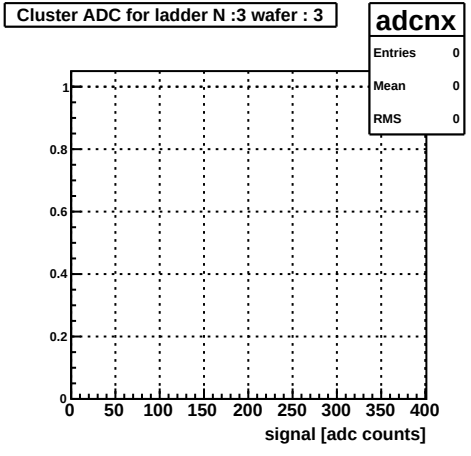

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2631
Mean 39.81
RMS 33.65
signal [adc counts]

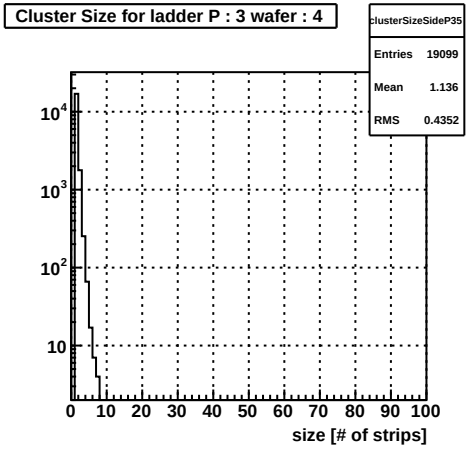

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 8339
Mean 1.263
RMS 0.5754
size [# of strips]

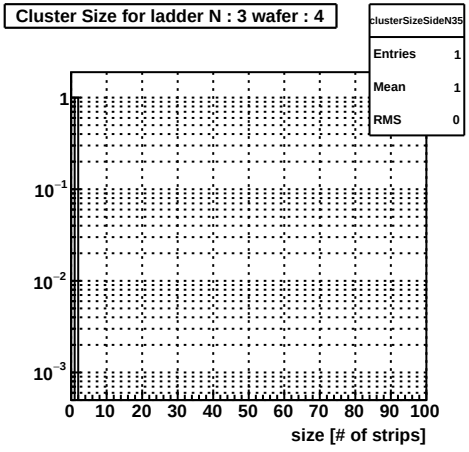

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

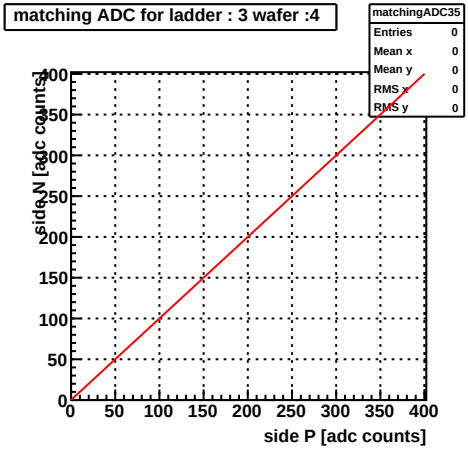

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

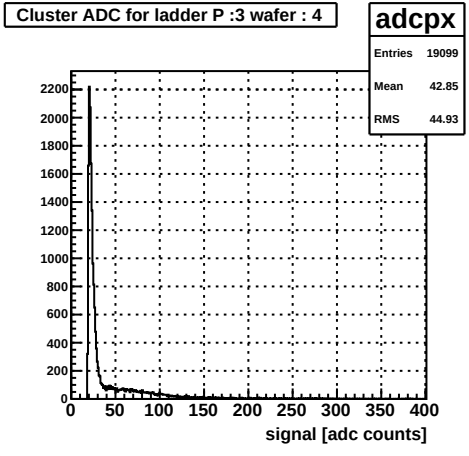

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 8339
Mean 69.31
RMS 61.46
signal [adc counts]

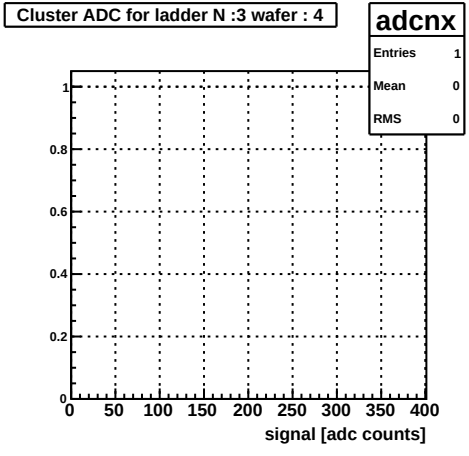

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

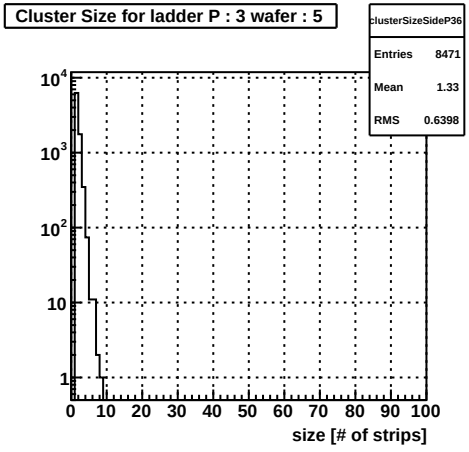

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 19099
Mean 1.136
RMS 0.4352
size [# of strips]

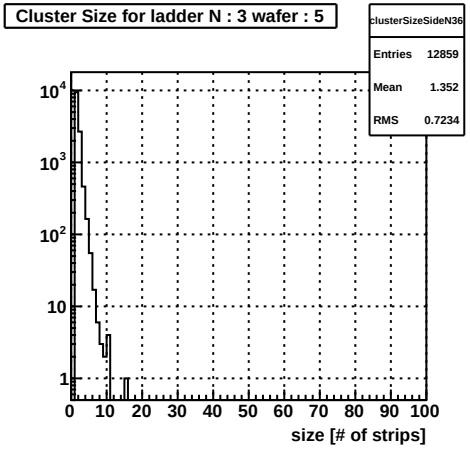

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 1
Mean 1
RMS 0
size [# of strips]

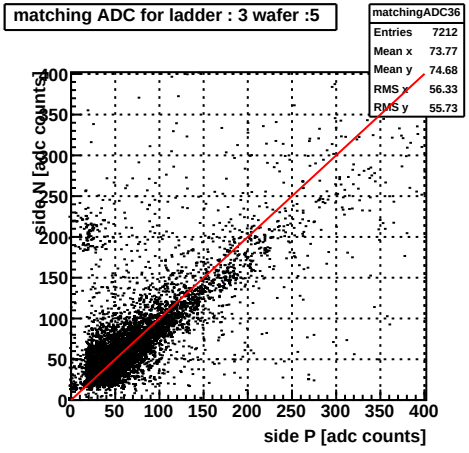

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

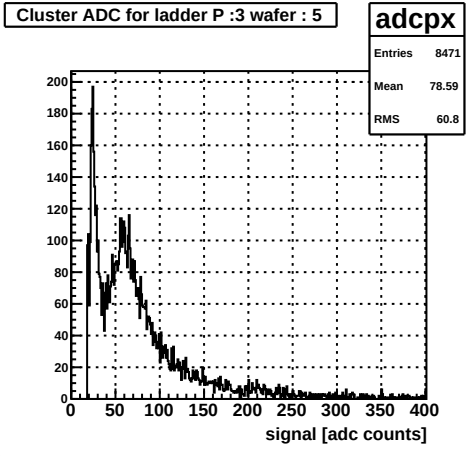

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 19099
Mean 42.85
RMS 44.93
signal [adc counts]

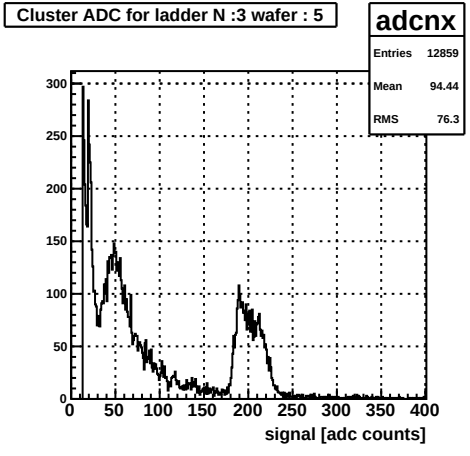

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

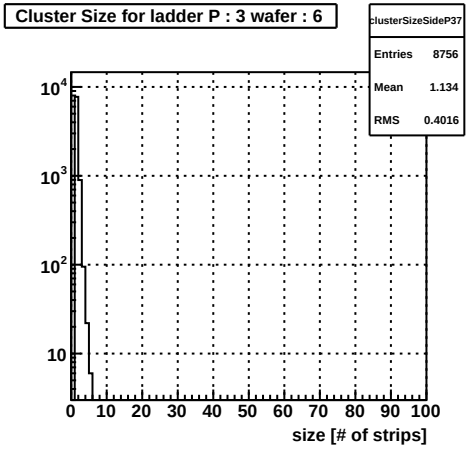

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 8471
Mean 1.33
RMS 0.6398
size [# of strips]

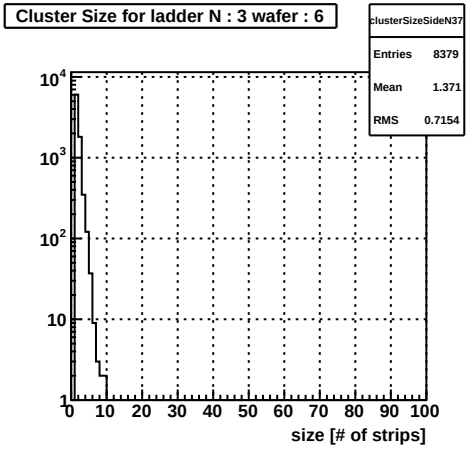

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 12859
Mean 1.352
RMS 0.7234
size [# of strips]

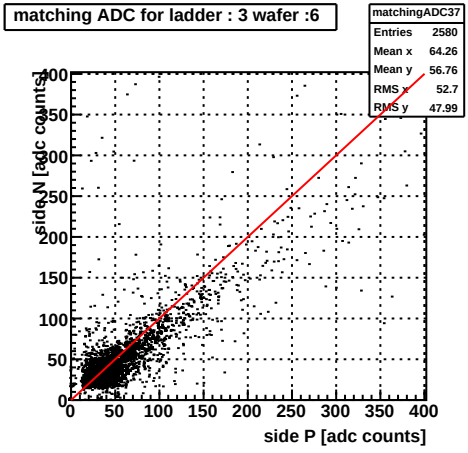

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 7212
Mean x 73.77
Mean y 74.68
RMS x 56.33
RMS y 55.73
side N [adc counts]
side P [adc counts]

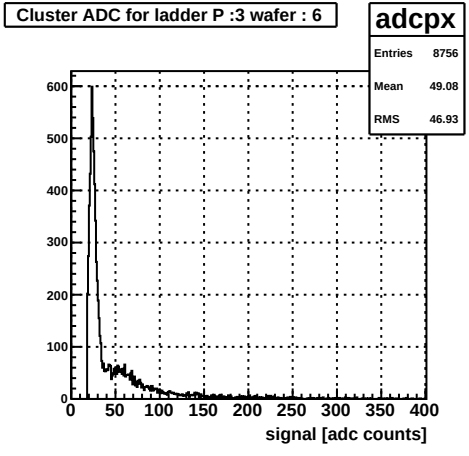

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 8471
Mean 78.59
RMS 60.8
signal [adc counts]

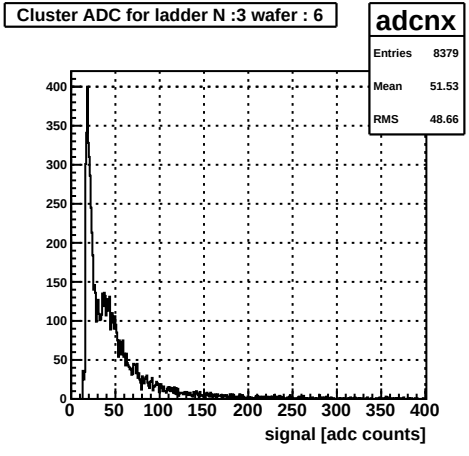

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 12859
Mean 94.44
RMS 76.3
signal [adc counts]

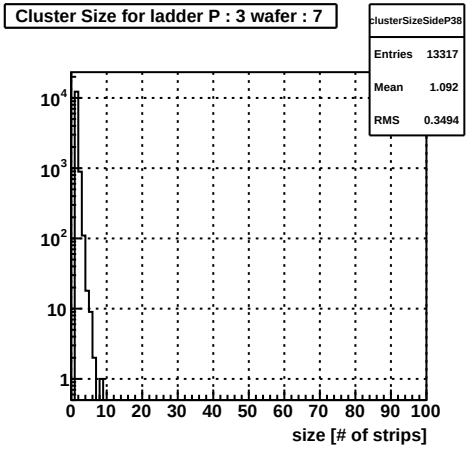

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 8756
Mean 1.134
RMS 0.4016
size [# of strips]

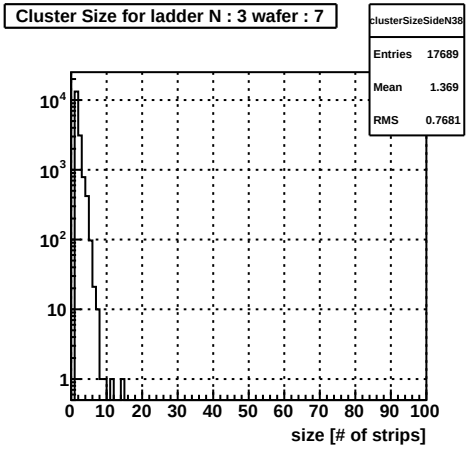

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 8379
Mean 1.371
RMS 0.7154
size [# of strips]

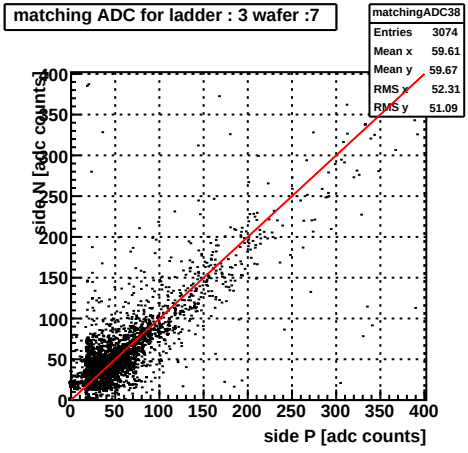

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 2580
Mean x 64.26
Mean y 56.76
RMS x 52.7
RMS y 47.99
side N [adc counts]
side P [adc counts]

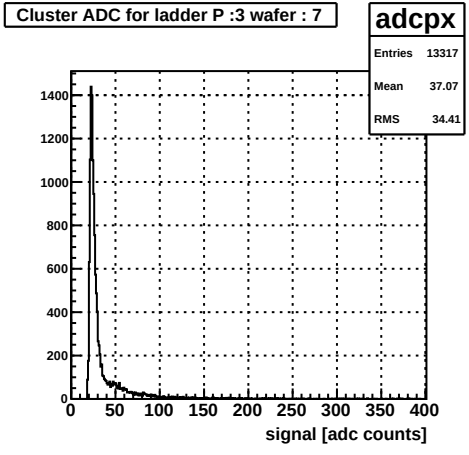

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 8756
Mean 49.08
RMS 46.93
signal [adc counts]

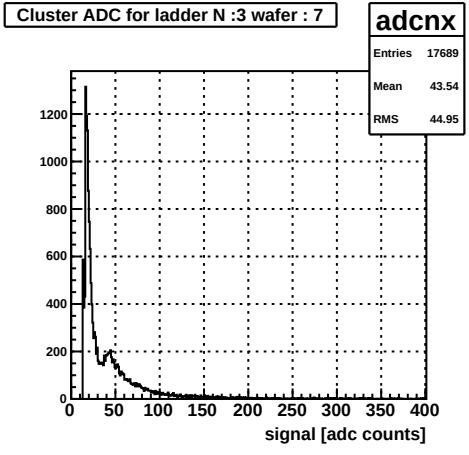

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 8379
Mean 51.53
RMS 48.66
signal [adc counts]

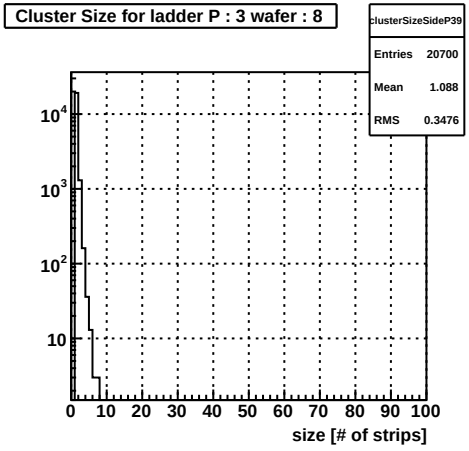

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 13317
Mean 1.092
RMS 0.3494
size [# of strips]

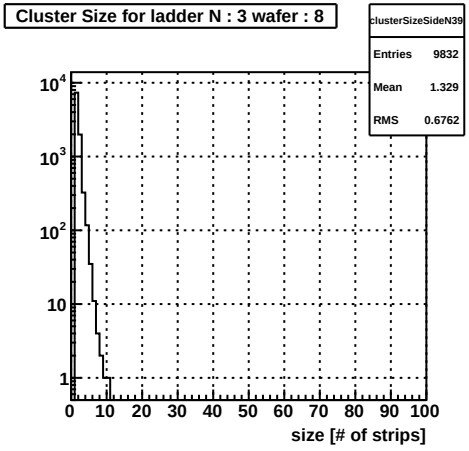

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 17689
Mean 1.369
RMS 0.7681
size [# of strips]

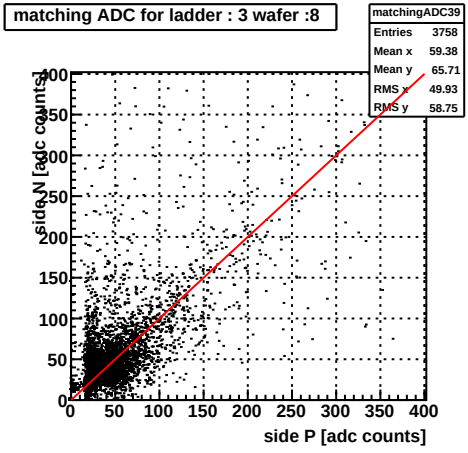

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 3074
Mean x 59.61
Mean y 59.67
RMS x 52.31
RMS y 51.09
side N [adc counts]
side P [adc counts]

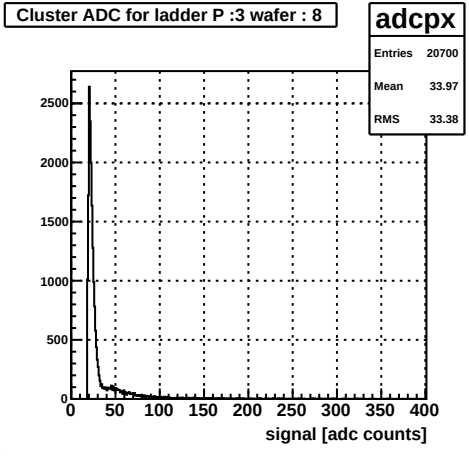

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 13317
Mean 37.07
RMS 34.41
signal [adc counts]

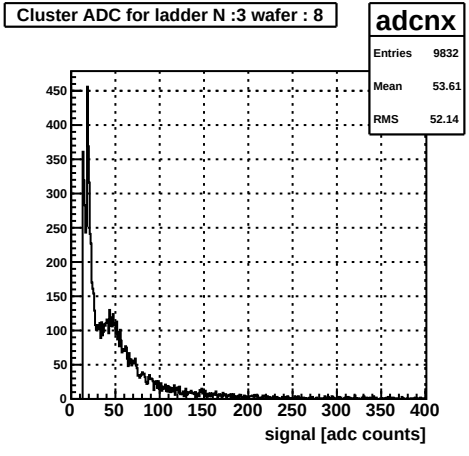

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 17689
Mean 43.54
RMS 44.95
signal [adc counts]

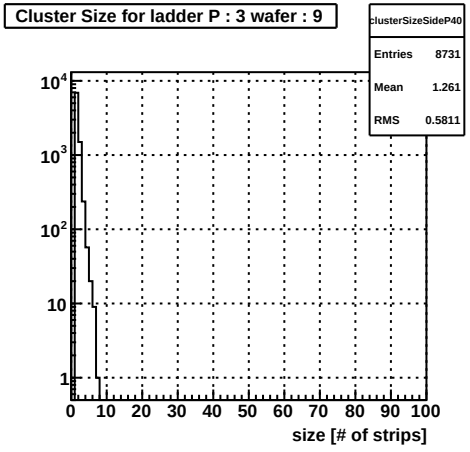

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 20700
Mean 1.088
RMS 0.3476
size [# of strips]

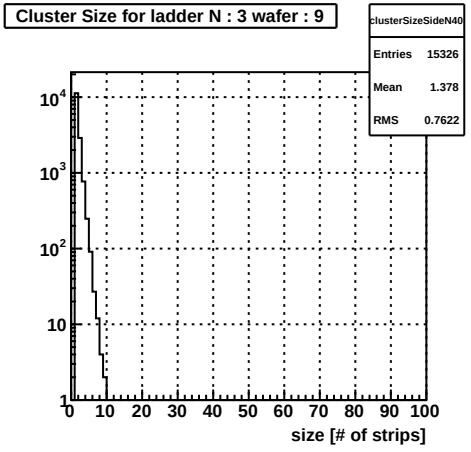

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 9832
Mean 1.329
RMS 0.6762
size [# of strips]

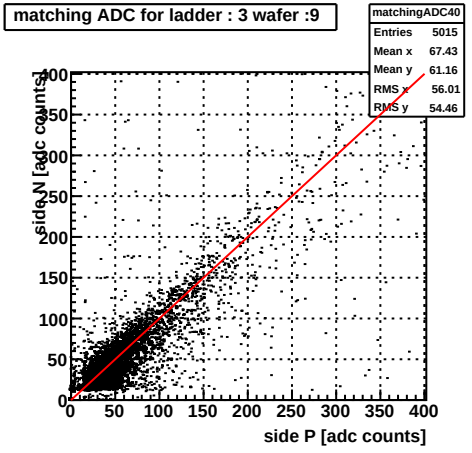

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 3758
Mean x 59.38
Mean y 65.71
RMS x 49.93
RMS y 58.75
side N [adc counts]
side P [adc counts]

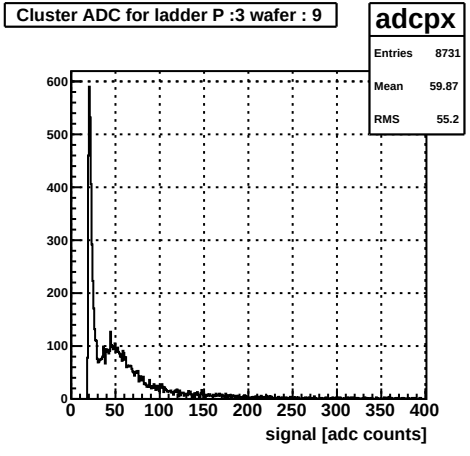

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 20700
Mean 33.97
RMS 33.38
signal [adc counts]

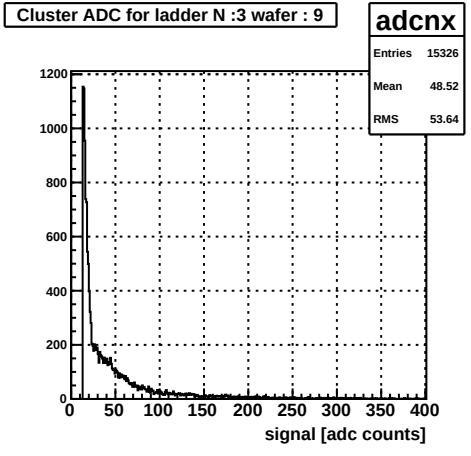

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 9832
Mean 53.61
RMS 52.14
signal [adc counts]

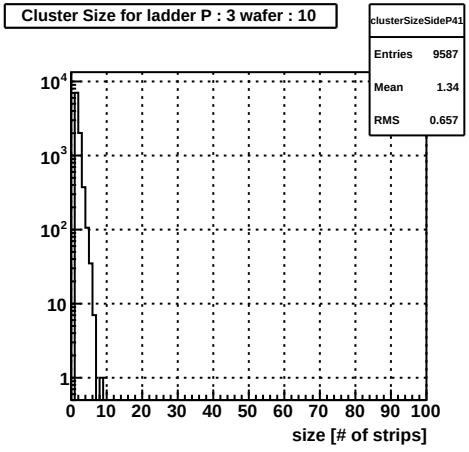

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 8731
Mean 1.261
RMS 0.5811
size [# of strips]

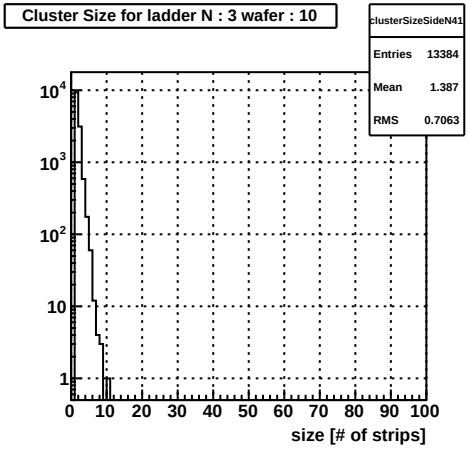

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 15326
Mean 1.378
RMS 0.7622
size [# of strips]

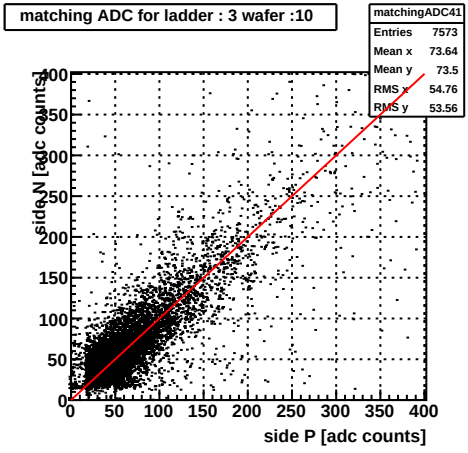

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 5015
Mean x 67.43
Mean y 61.16
RMS x 56.01
RMS y 54.46
side N [adc counts]
side P [adc counts]

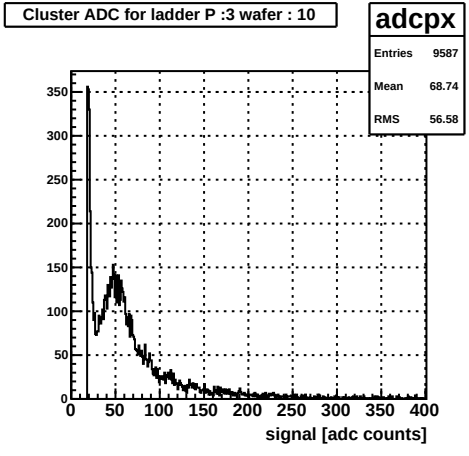

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 8731
Mean 59.87
RMS 55.2
signal [adc counts]

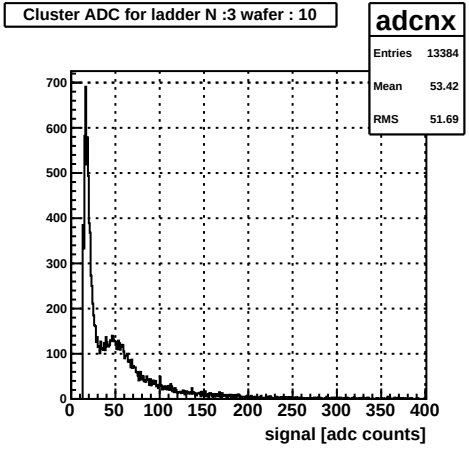

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 15326
Mean 48.52
RMS 53.64
signal [adc counts]

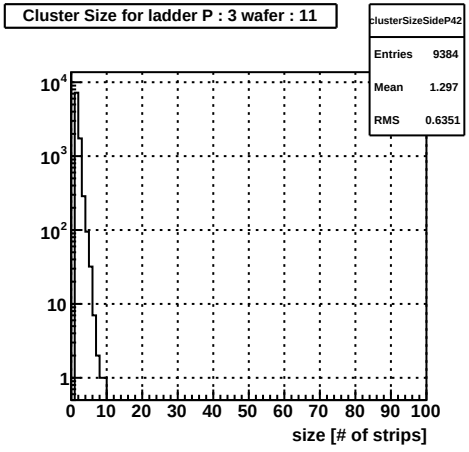

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 9587
Mean 1.34
RMS 0.657
size [# of strips]

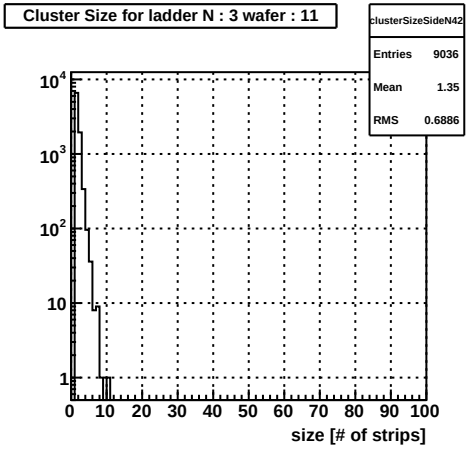

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 13384
Mean 1.387
RMS 0.7063
size [# of strips]

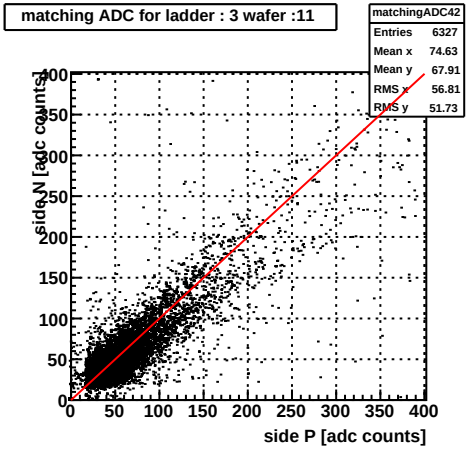

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 7573
Mean x 73.64
Mean y 73.5
RMS x 54.76
RMS y 53.56
side N [adc counts]
side P [adc counts]

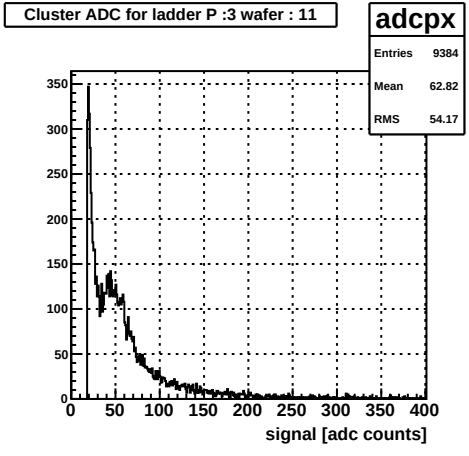

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 9587
Mean 68.74
RMS 56.58
signal [adc counts]

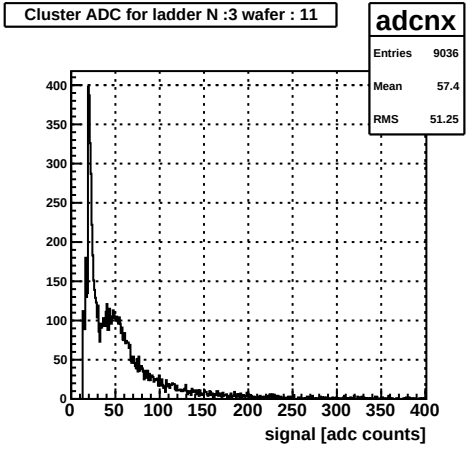

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 13384
Mean 53.42
RMS 51.69
signal [adc counts]

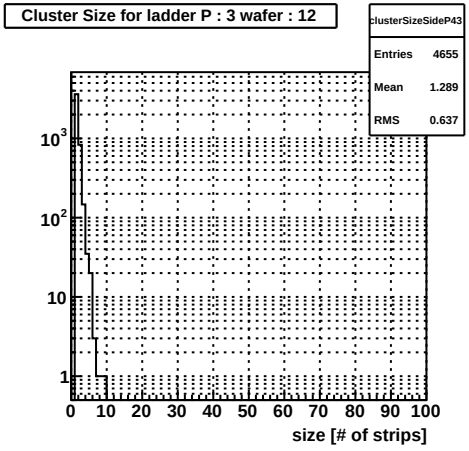

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 9384
Mean 1.297
RMS 0.6351
size [# of strips]

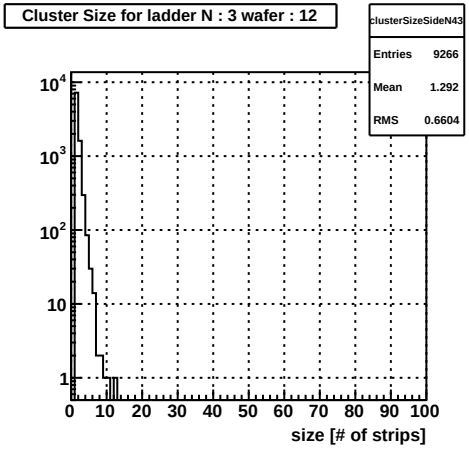

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 9036
Mean 1.35
RMS 0.6886
size [# of strips]

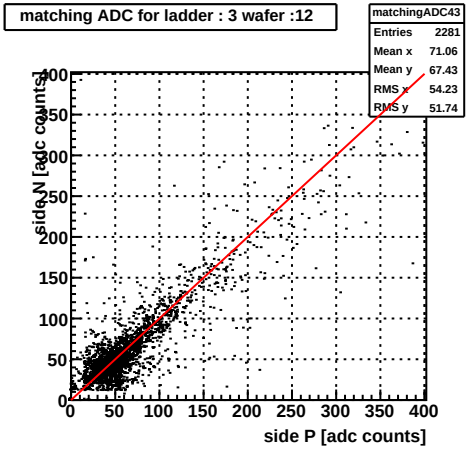

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 6327
Mean x 74.63
Mean y 67.91
RMS x 56.81
RMS y 51.73
side N [adc counts]
side P [adc counts]

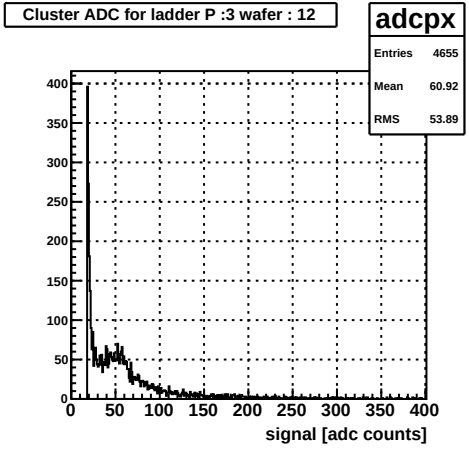

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 9384
Mean 62.82
RMS 54.17
signal [adc counts]

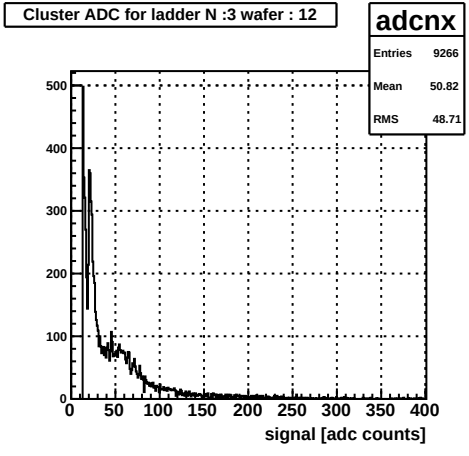

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 9036
Mean 57.4
RMS 51.25
signal [adc counts]

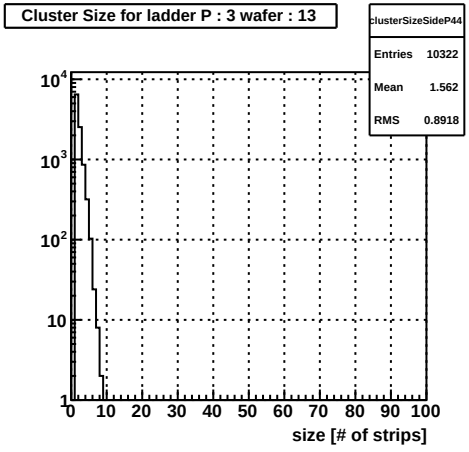

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 4655
Mean 1.289
RMS 0.637
size [# of strips]

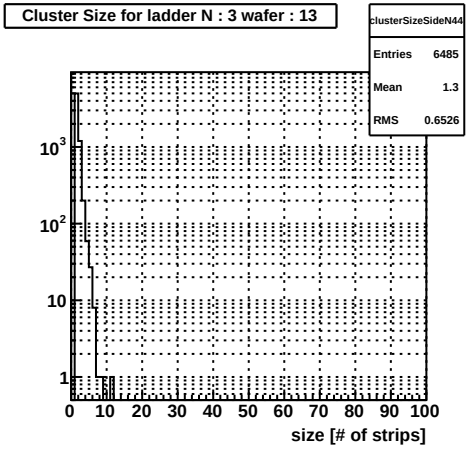

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 9266
Mean 1.292
RMS 0.6604
size [# of strips]

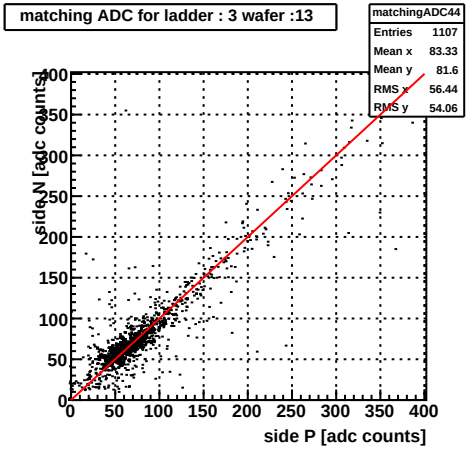

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 2281
Mean x 71.06
Mean y 67.43
RMS x 54.23
RMS y 51.74
side N [adc counts]
side P [adc counts]

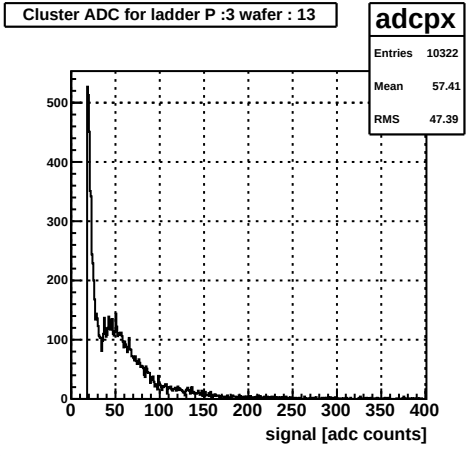

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 4655
Mean 60.92
RMS 53.89
signal [adc counts]

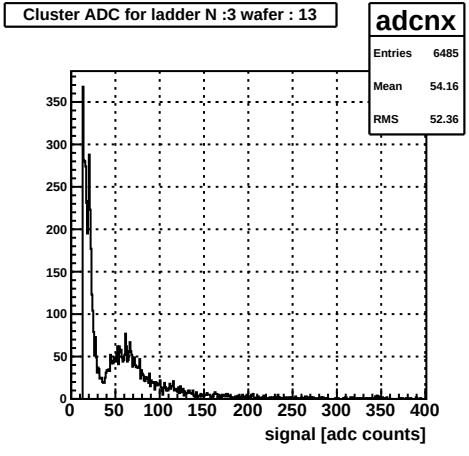

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 9266
Mean 50.82
RMS 48.71
signal [adc counts]

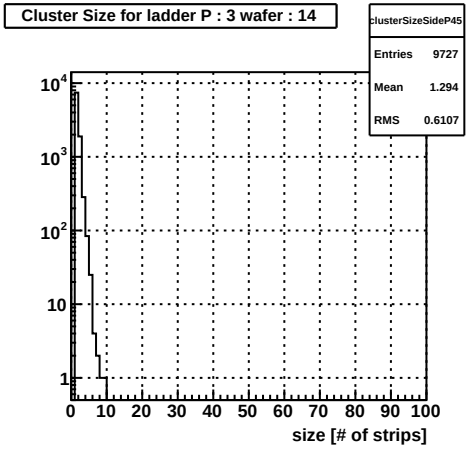

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 10322
Mean 1.562
RMS 0.8918
size [# of strips]

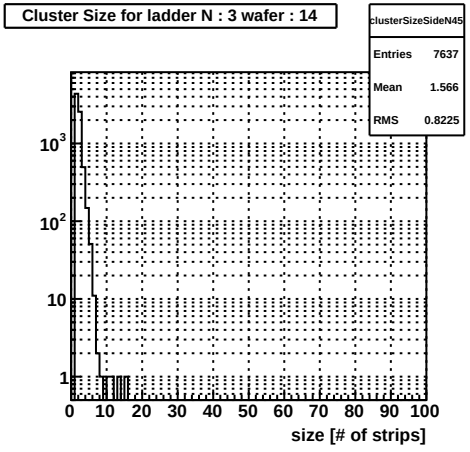

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 6485
Mean 1.3
RMS 0.6526
size [# of strips]

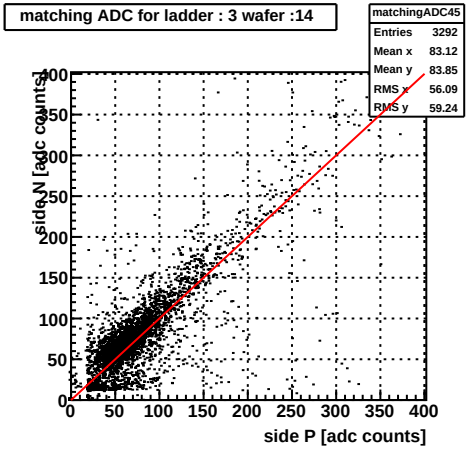

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 1107
Mean x 83.33
Mean y 81.6
RMS x 56.44
RMS y 54.06
side N [adc counts]
side P [adc counts]

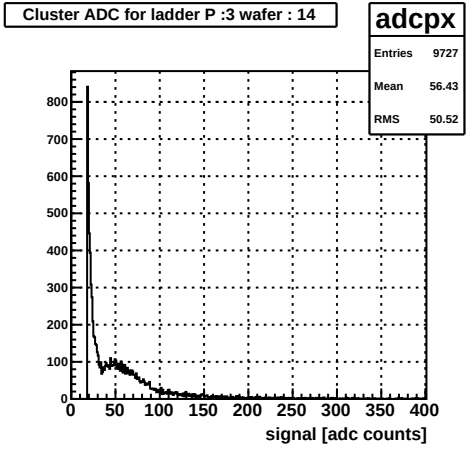

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 10322
Mean 57.41
RMS 47.39
signal [adc counts]

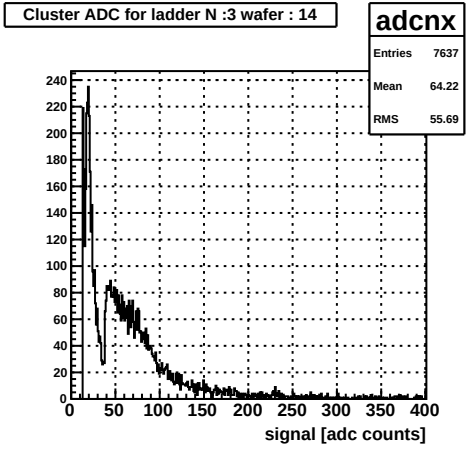

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 6485
Mean 54.16
RMS 52.36
signal [adc counts]

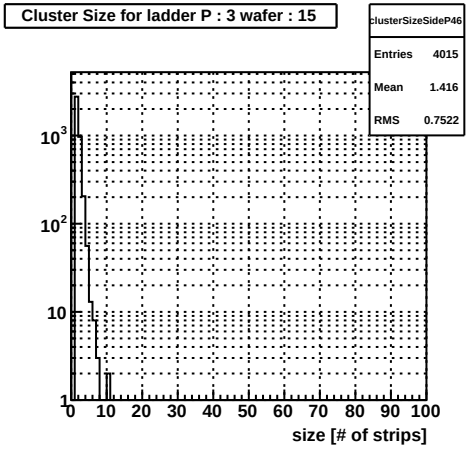

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 9727
Mean 1.294
RMS 0.6107
size [# of strips]

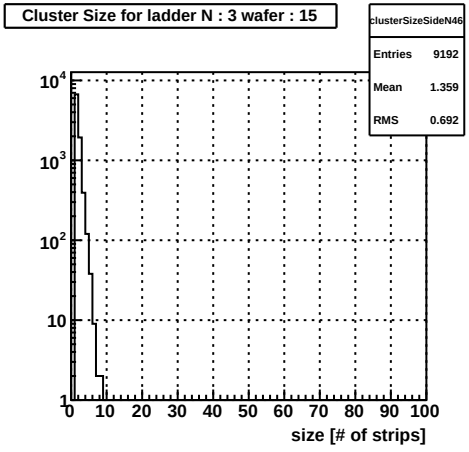

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 7637
Mean 1.566
RMS 0.8225
size [# of strips]

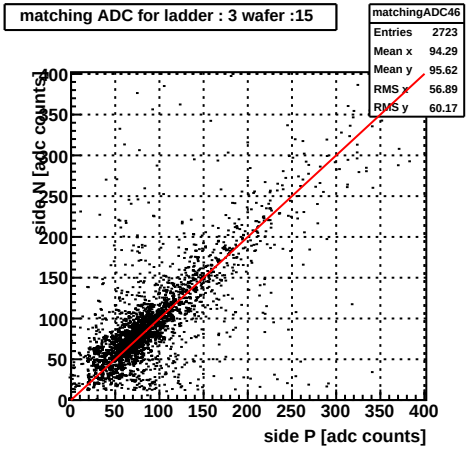

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 3292
Mean x 83.12
Mean y 83.85
RMS x 56.09
RMS y 59.24
side N [adc counts]
side P [adc counts]

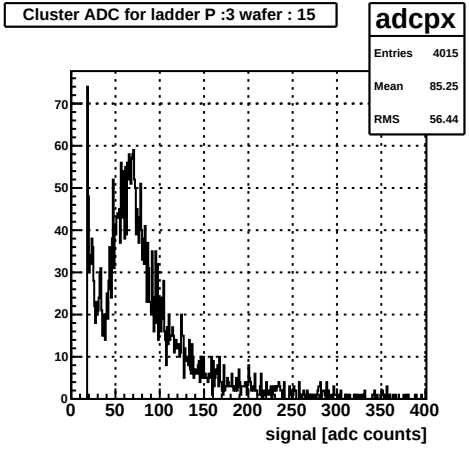

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 9727
Mean 56.43
RMS 50.52
signal [adc counts]

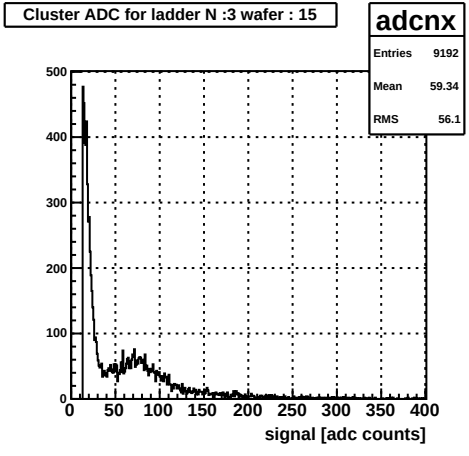

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 7637
Mean 64.22
RMS 55.69
signal [adc counts]

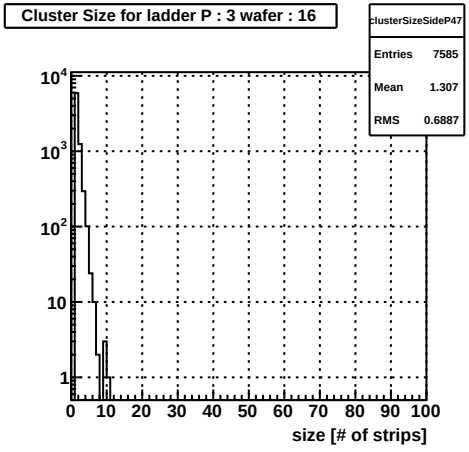

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 4015
Mean 1.416
RMS 0.7522
size [# of strips]

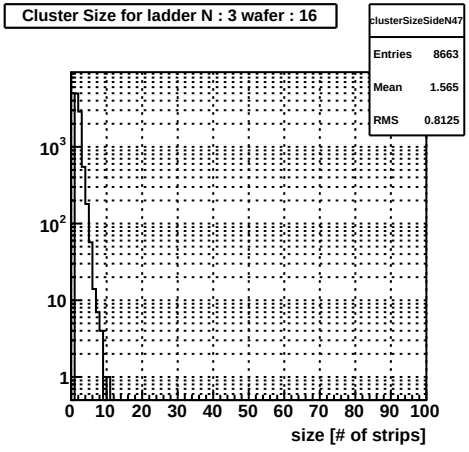

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 9192
Mean 1.359
RMS 0.692
size [# of strips]

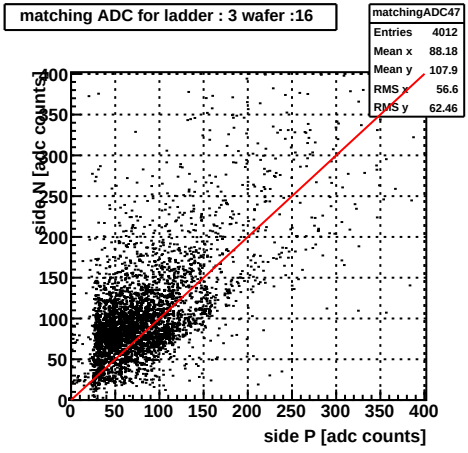

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 2723
Mean x 94.29
Mean y 95.62
RMS x 56.89
RMS y 60.17
side N [adc counts]
side P [adc counts]

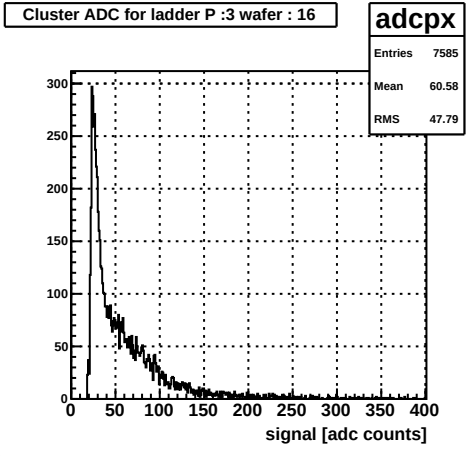

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 4015
Mean 85.25
RMS 56.44
signal [adc counts]

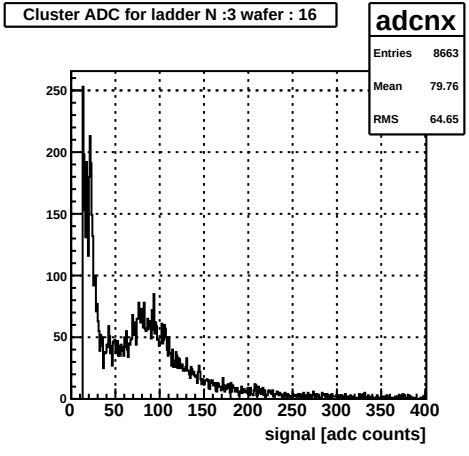

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 9192
Mean 59.34
RMS 56.1
signal [adc counts]

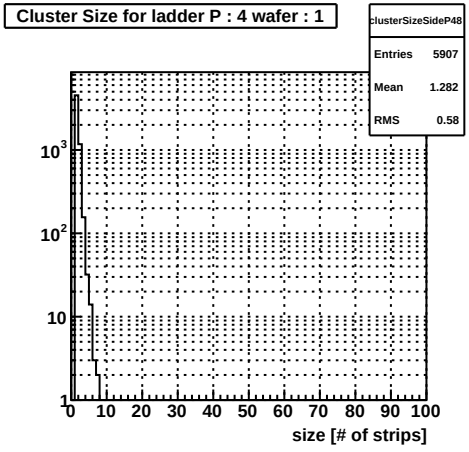

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 7585
Mean 1.307
RMS 0.6887
size [# of strips]

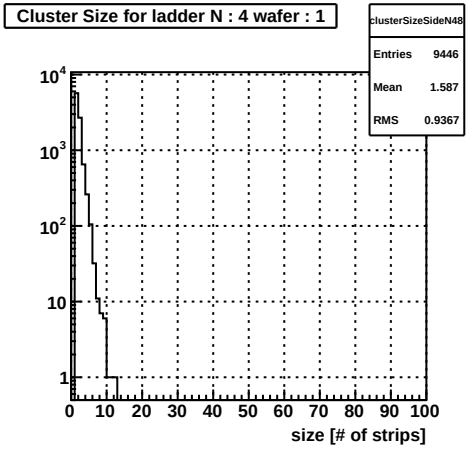

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 8663
Mean 1.565
RMS 0.8125
size [# of strips]

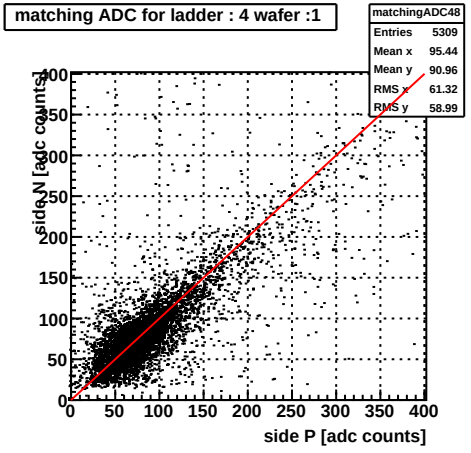

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 4012
Mean x 88.18
Mean y 107.9
RMS x 56.6
RMS y 62.46
side N [adc counts]
side P [adc counts]

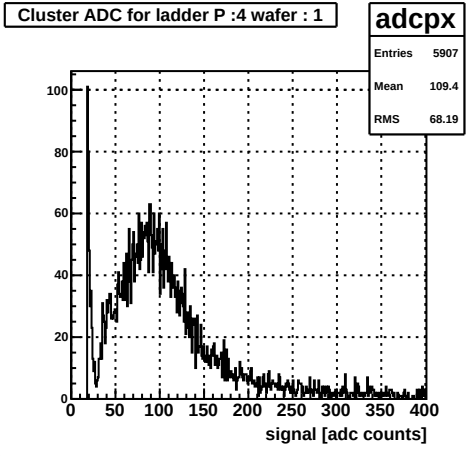

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 7585
Mean 60.58
RMS 47.79
signal [adc counts]

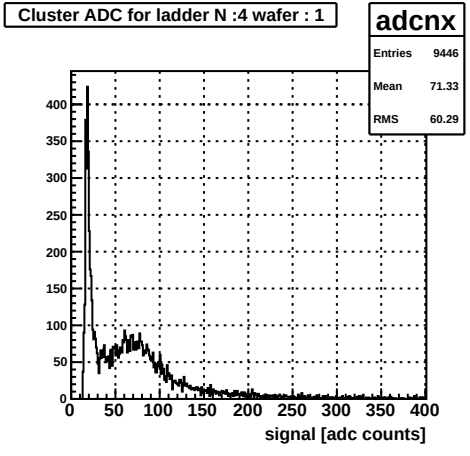

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 8663
Mean 79.76
RMS 64.65
signal [adc counts]

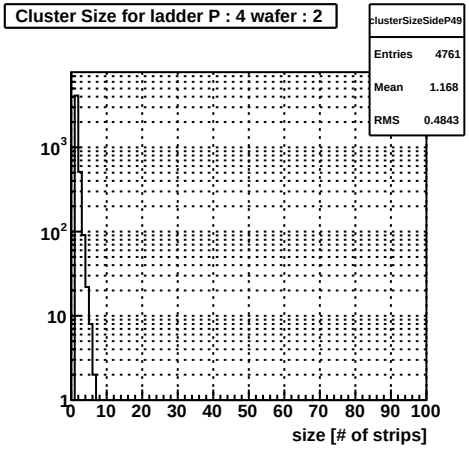

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 5907
Mean 1.282
RMS 0.58
size [# of strips]

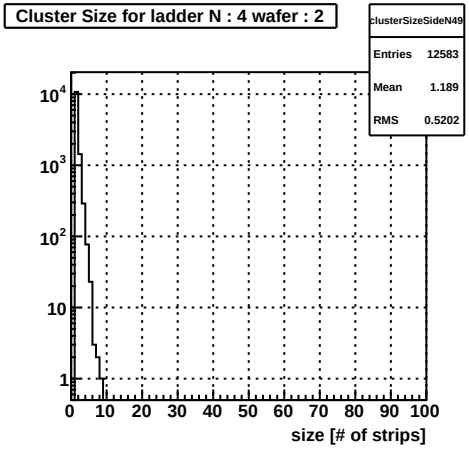

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 9446
Mean 1.587
RMS 0.9367
size [# of strips]

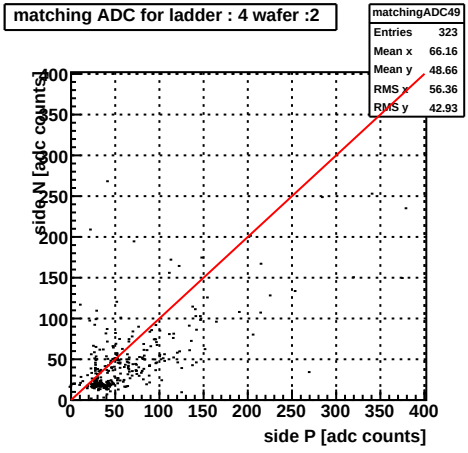

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 5309
Mean x 95.44
Mean y 90.96
RMS x 61.32
RMS y 58.99
side N [adc counts]
side P [adc counts]

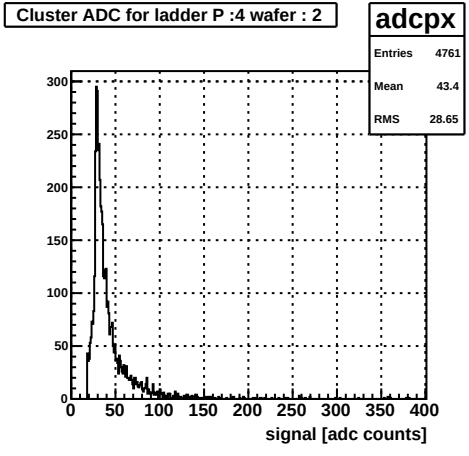

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 5907
Mean 109.4
RMS 68.19
signal [adc counts]

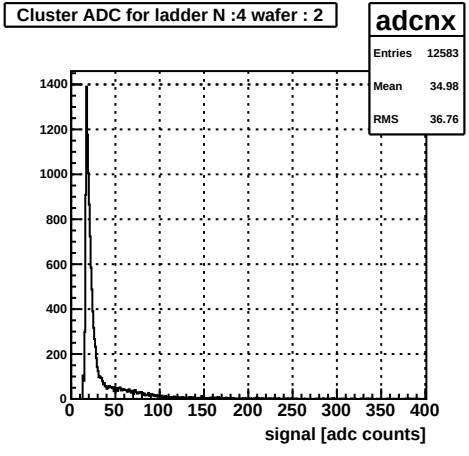

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 9446
Mean 71.33
RMS 60.29
signal [adc counts]

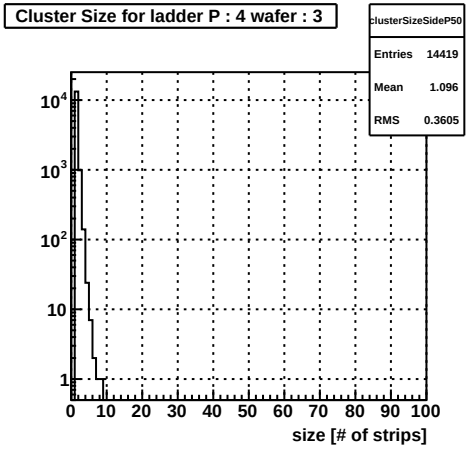

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 4761
Mean 1.168
RMS 0.4843
size [# of strips]

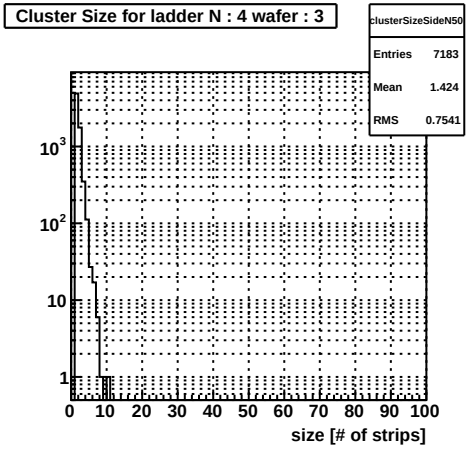

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 12583
Mean 1.189
RMS 0.5202
size [# of strips]

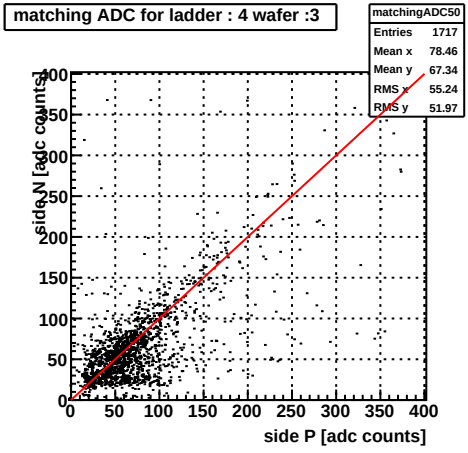

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 323
Mean x 66.16
Mean y 48.66
RMS x 56.36
RMS y 42.93
side N [adc counts]
side P [adc counts]

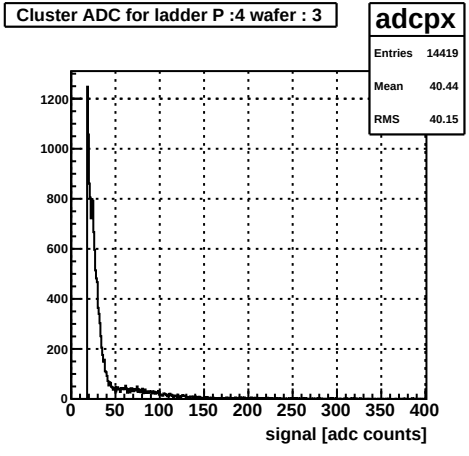

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 4761
Mean 43.4
RMS 28.65
signal [adc counts]

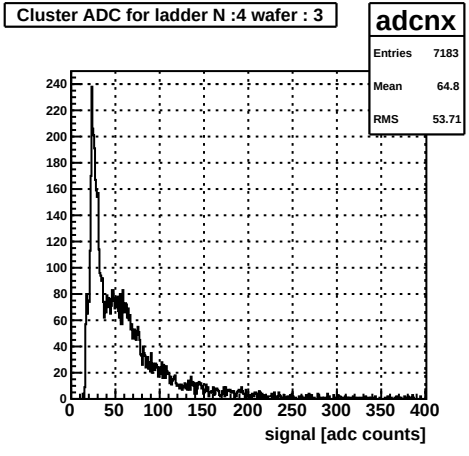

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 12583
Mean 34.98
RMS 36.76
signal [adc counts]

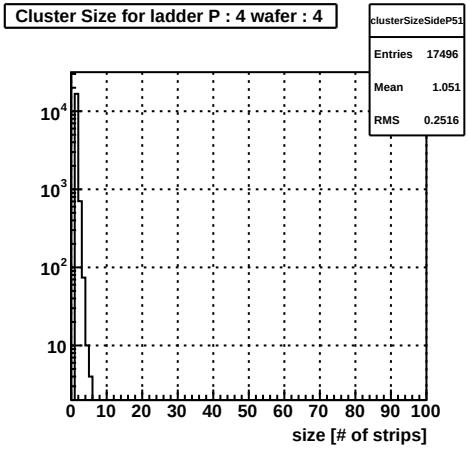

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 14419
Mean 1.096
RMS 0.3605
size [# of strips]

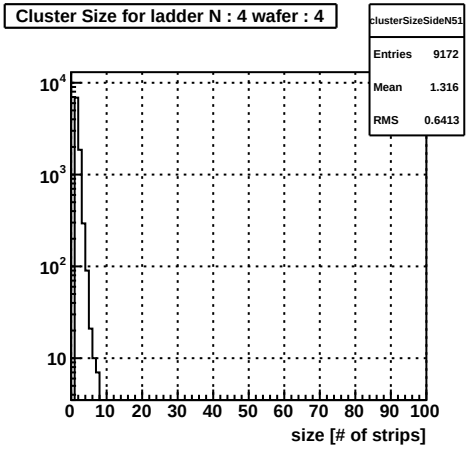

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 7183
Mean 1.424
RMS 0.7541
size [# of strips]

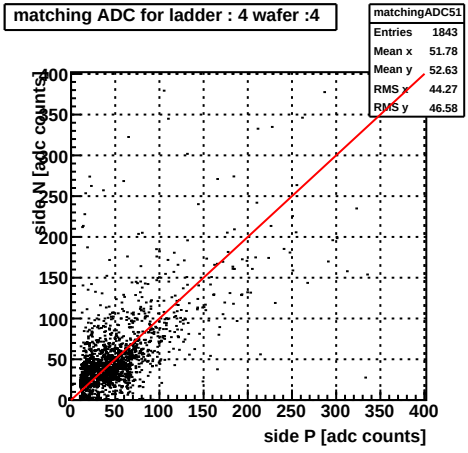

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 1717
Mean x 78.46
Mean y 67.34
RMS x 55.24
RMS y 51.97
side N [adc counts]
side P [adc counts]

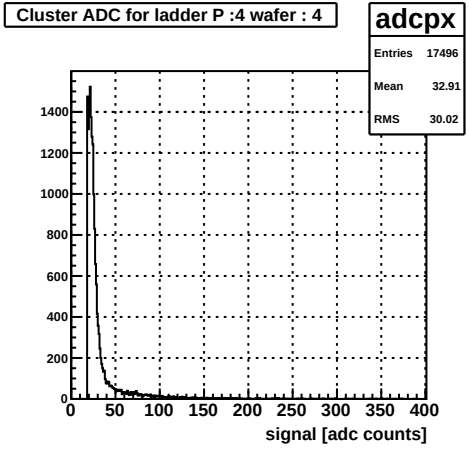

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 14419
Mean 40.44
RMS 40.15
signal [adc counts]

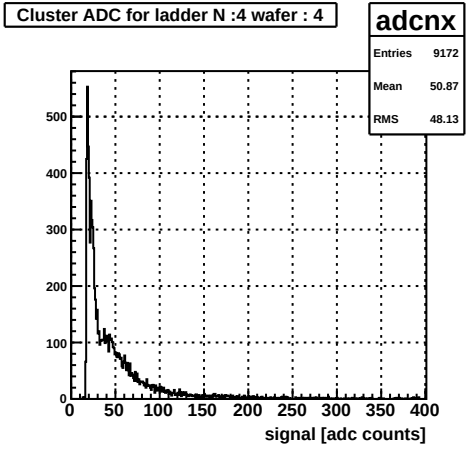

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 7183
Mean 64.8
RMS 53.71
signal [adc counts]

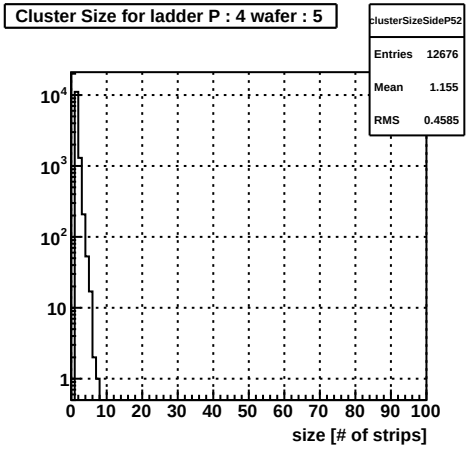

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 17496
Mean 1.051
RMS 0.2516
size [# of strips]

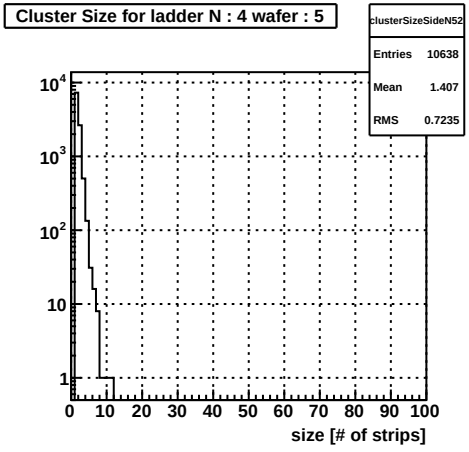

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 9172
Mean 1.316
RMS 0.6413
size [# of strips]

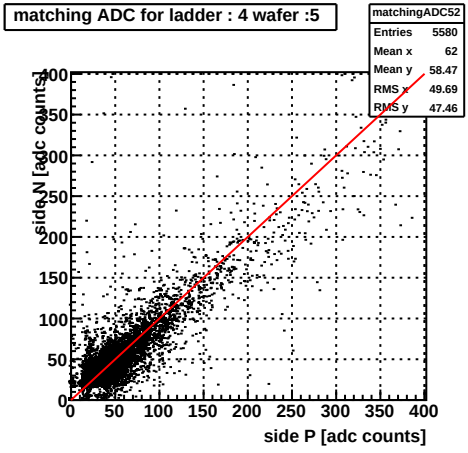

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 1843
Mean x 51.78
Mean y 52.63
RMS x 44.27
RMS y 46.58
side N [adc counts]
side P [adc counts]

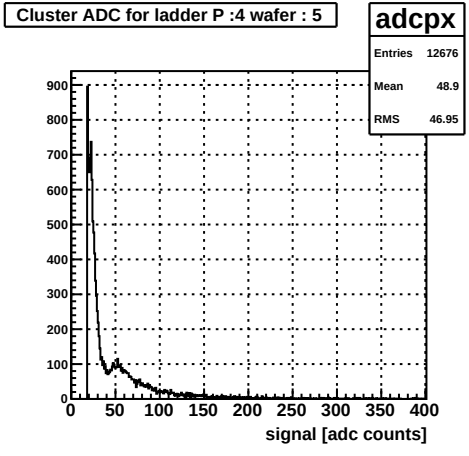

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 17496
Mean 32.91
RMS 30.02
signal [adc counts]

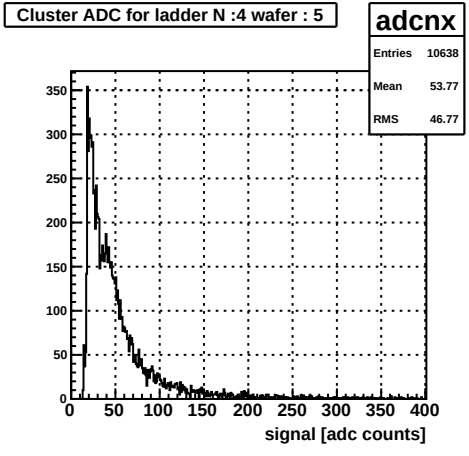

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 9172
Mean 50.87
RMS 48.13
signal [adc counts]

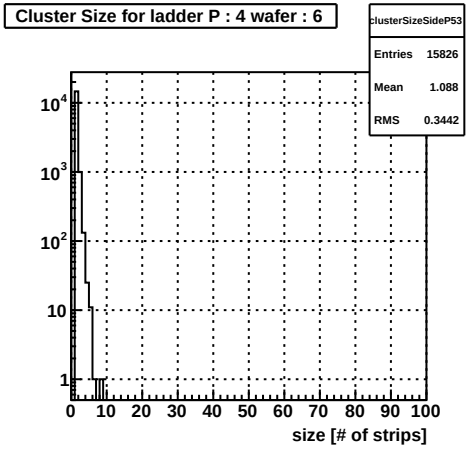

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 12676
Mean 1.155
RMS 0.4585
size [# of strips]

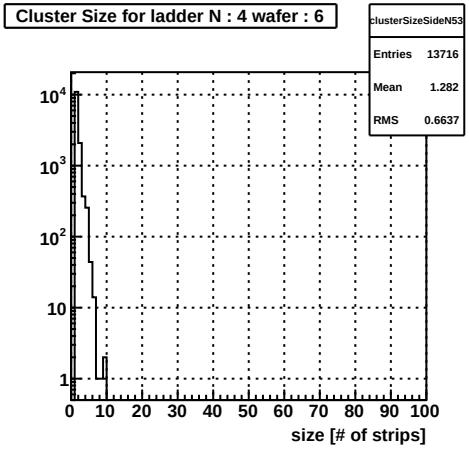

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 10638
Mean 1.407
RMS 0.7235
size [# of strips]

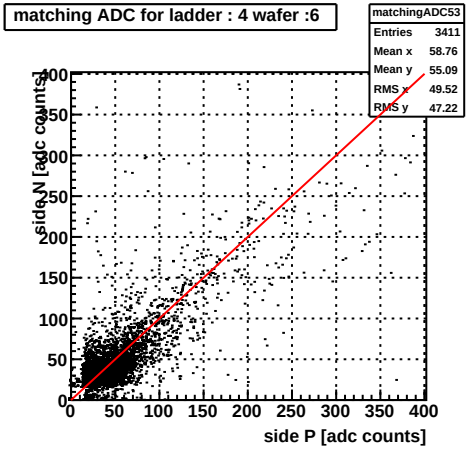

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 5580
Mean x 62
Mean y 58.47
RMS x 49.69
RMS y 47.46
side N [adc counts]
side P [adc counts]

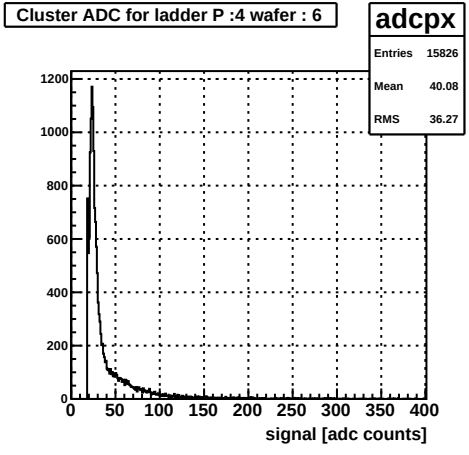

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 12676
Mean 48.9
RMS 46.95
signal [adc counts]

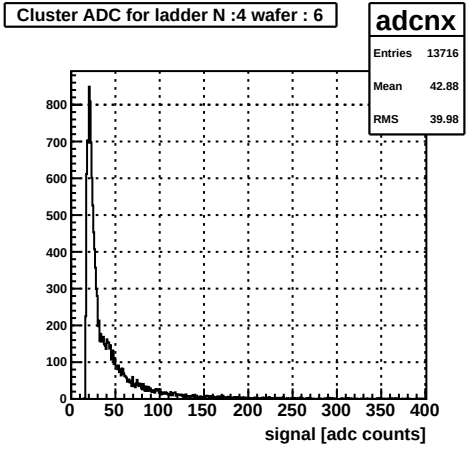

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 10638
Mean 53.77
RMS 46.77
signal [adc counts]

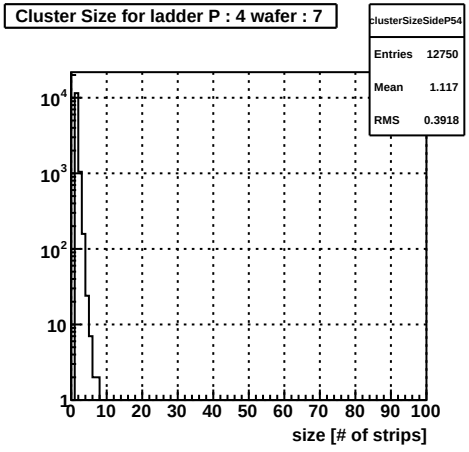

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 15826
Mean 1.088
RMS 0.3442
size [# of strips]

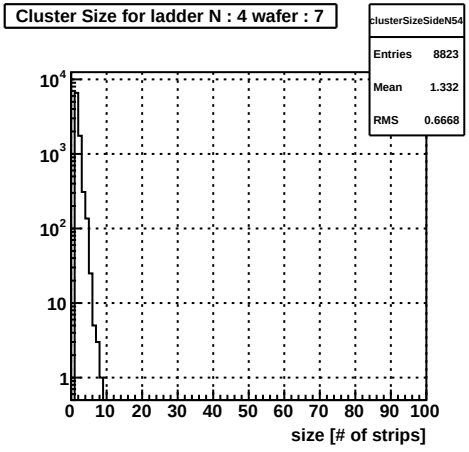

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 13716
Mean 1.282
RMS 0.6637
size [# of strips]

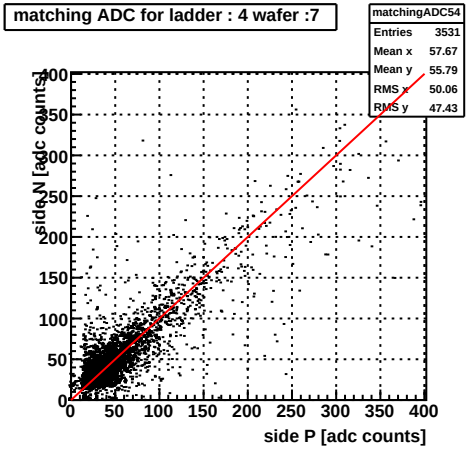

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 3411
Mean x 58.76
Mean y 55.09
RMS x 49.52
RMS y 47.22
side N [adc counts]
side P [adc counts]

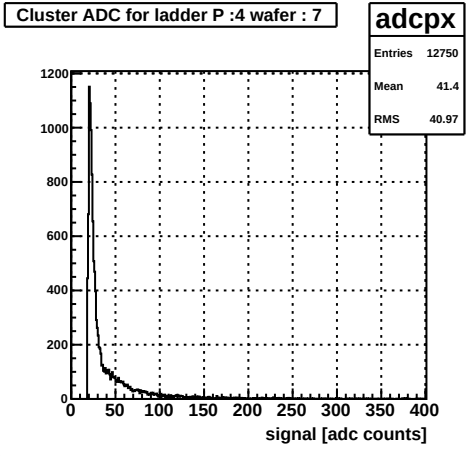

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 15826
Mean 40.08
RMS 36.27
signal [adc counts]

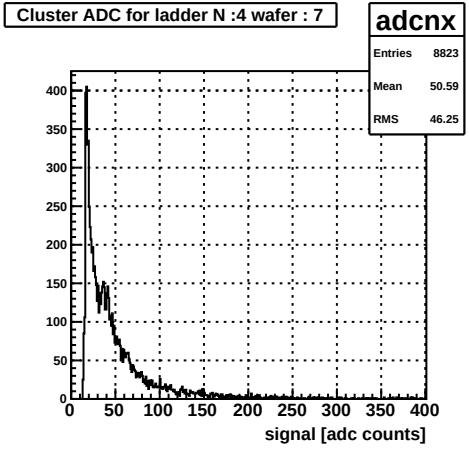

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 13716
Mean 42.88
RMS 39.98
signal [adc counts]

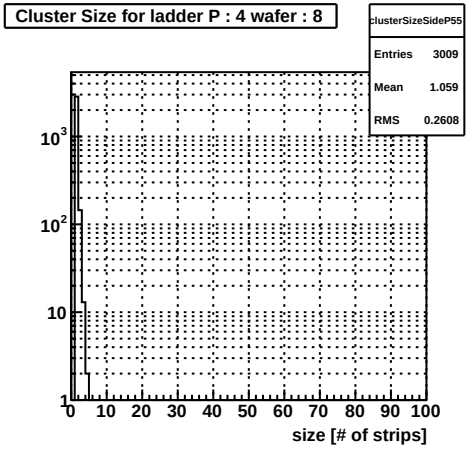

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 12750
Mean 1.117
RMS 0.3918
size [# of strips]

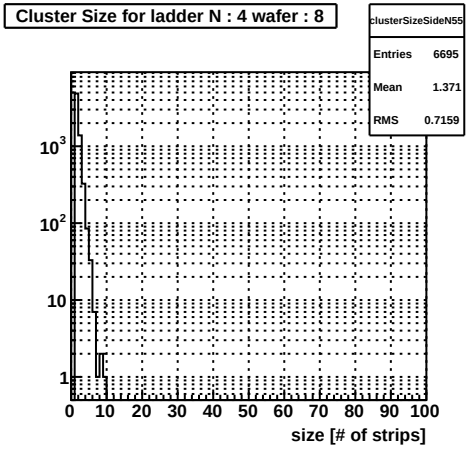

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 8823
Mean 1.332
RMS 0.6668
size [# of strips]

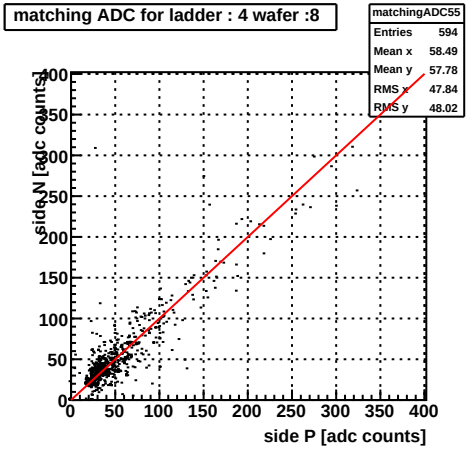

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 3531
Mean x 57.67
Mean y 55.79
RMS x 50.06
RMS y 47.43
side N [adc counts]
side P [adc counts]

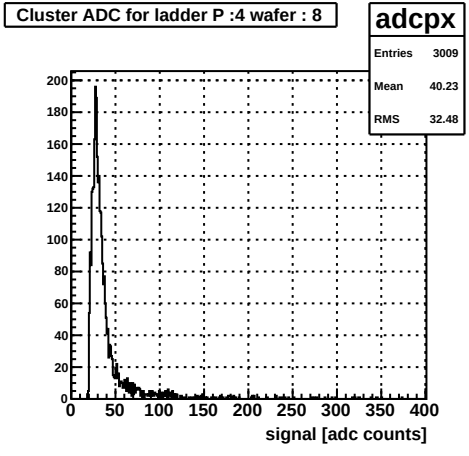

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 12750
Mean 41.4
RMS 40.97
signal [adc counts]

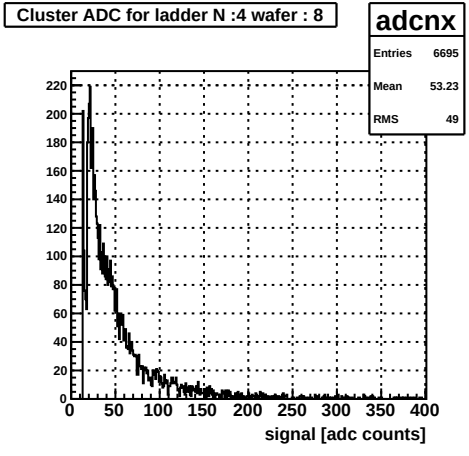

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 8823
Mean 50.59
RMS 46.25
signal [adc counts]

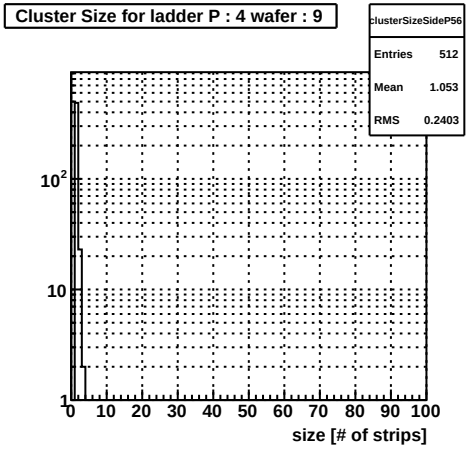

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 3009
Mean 1.059
RMS 0.2608
size [# of strips]

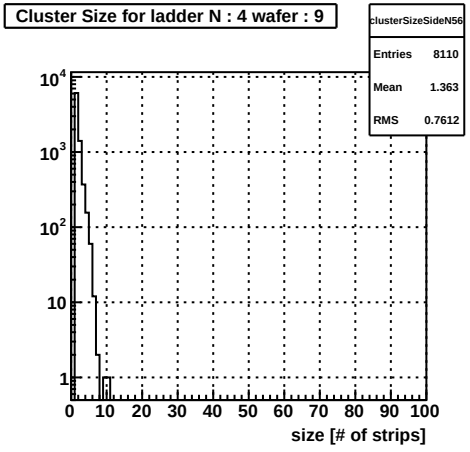

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 6695
Mean 1.371
RMS 0.7159
size [# of strips]

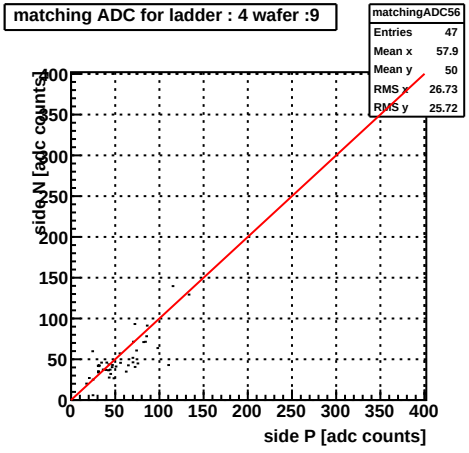

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 594
Mean x 58.49
Mean y 57.78
RMS x 47.84
RMS y 48.02
side N [adc counts]
side P [adc counts]

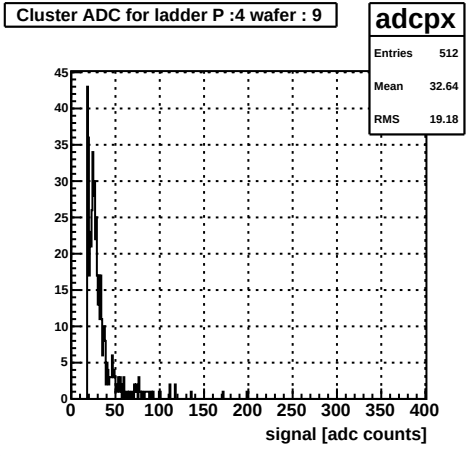

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 3009
Mean 40.23
RMS 32.48
signal [adc counts]

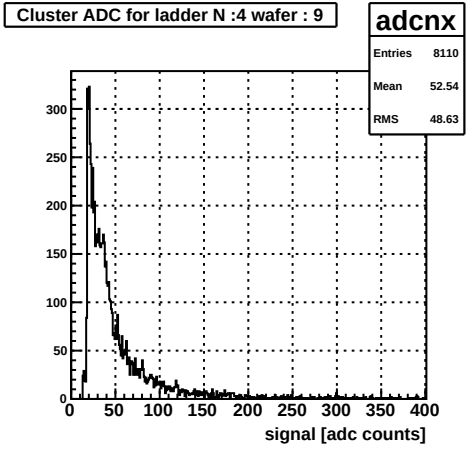

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 6695
Mean 53.23
RMS 49
signal [adc counts]

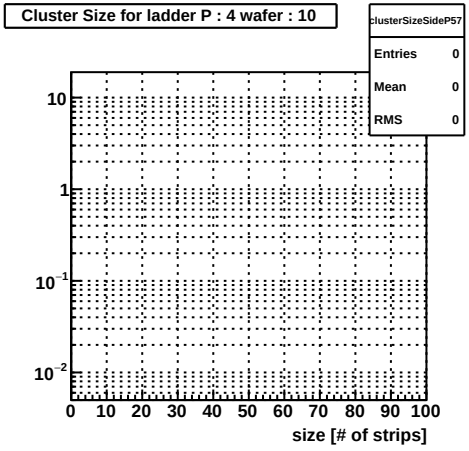

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 512
Mean 1.053
RMS 0.2403
size [# of strips]

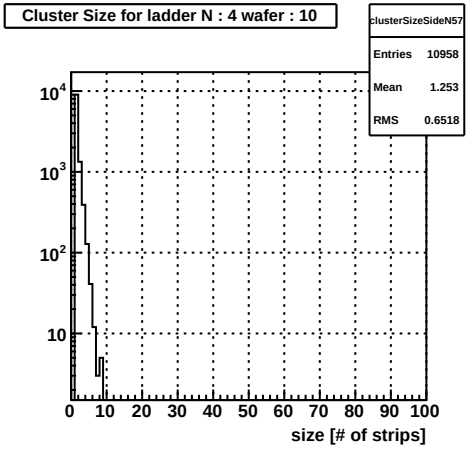

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 8110
Mean 1.363
RMS 0.7612
size [# of strips]

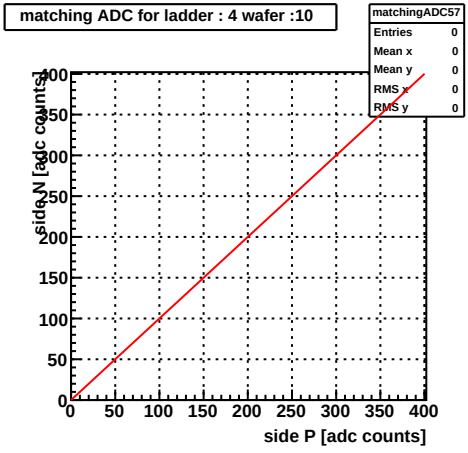

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 47
Mean x 57.9
Mean y 50
RMS x 26.73
RMS y 25.72
side N [adc counts]
side P [adc counts]

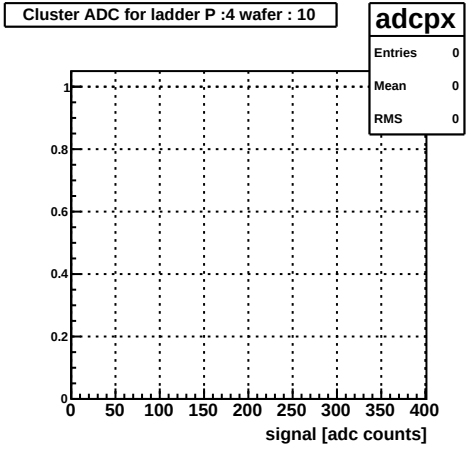

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 512
Mean 32.64
RMS 19.18
signal [adc counts]

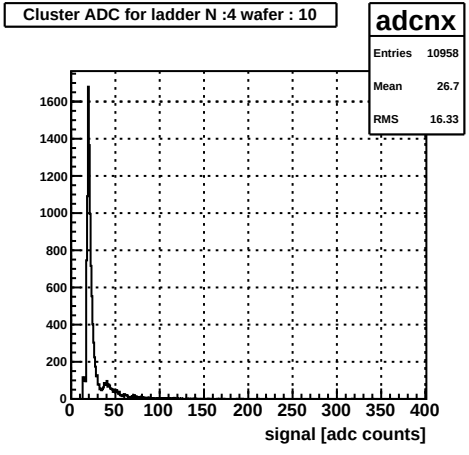

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 8110
Mean 52.54
RMS 48.63
signal [adc counts]

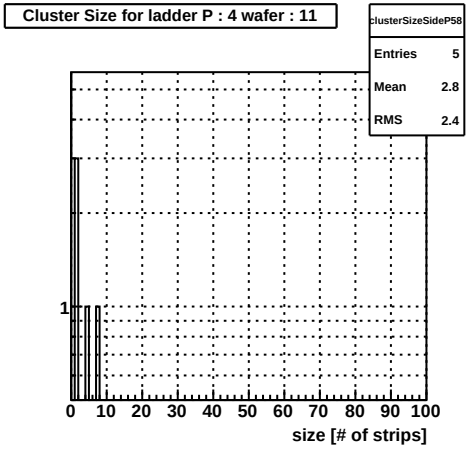

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

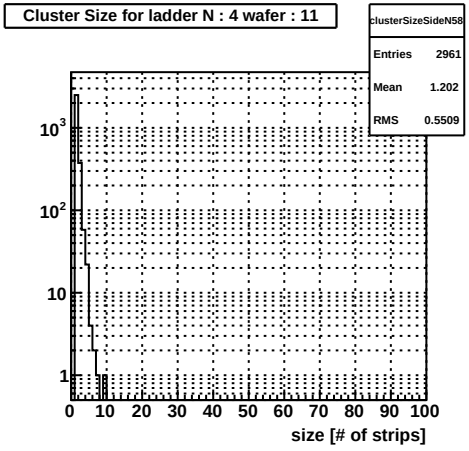

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 10958
Mean 1.253
RMS 0.6518
size [# of strips]

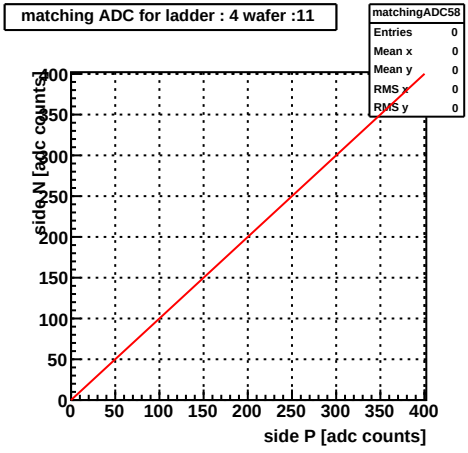

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

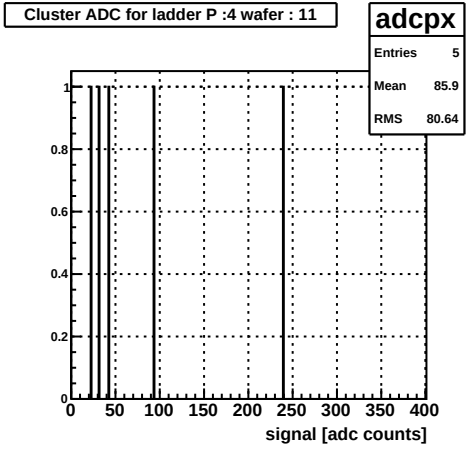

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

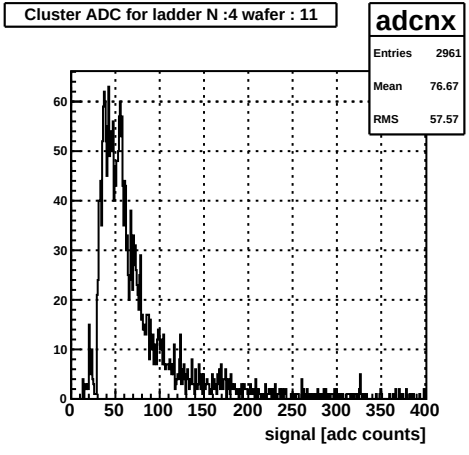

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 10958
Mean 26.7
RMS 16.33
signal [adc counts]

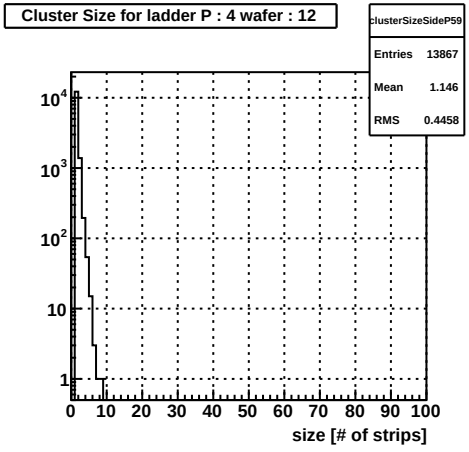

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 5
Mean 2.8
RMS 2.4
size [# of strips]

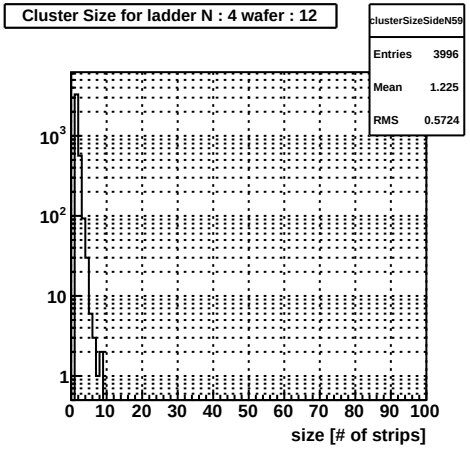

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2961
Mean 1.202
RMS 0.5509
size [# of strips]

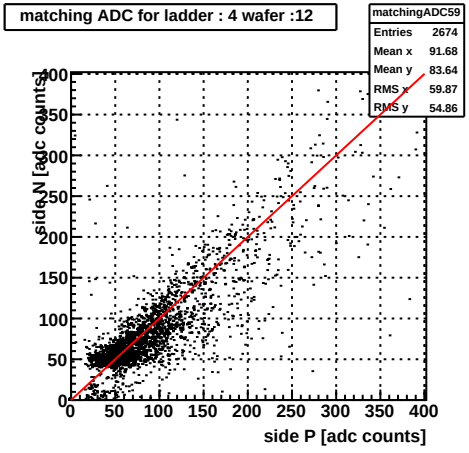

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

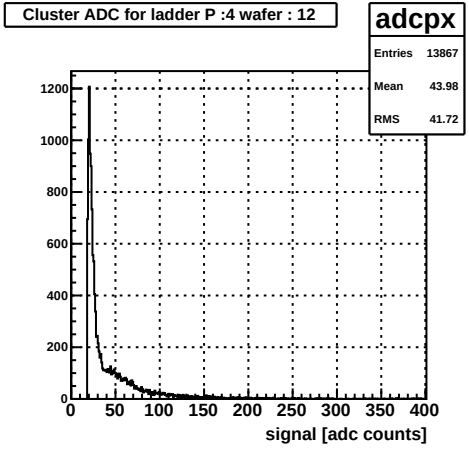

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 5
Mean 85.9
RMS 80.64
signal [adc counts]

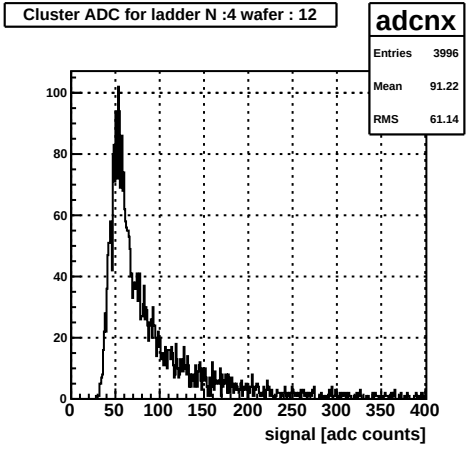

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2961
Mean 76.67
RMS 57.57
signal [adc counts]

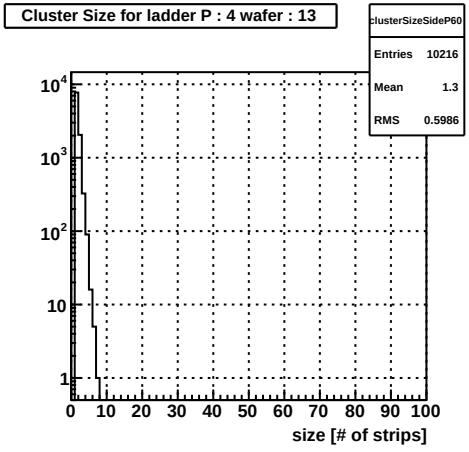

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 13867
Mean 1.146
RMS 0.4458
size [# of strips]

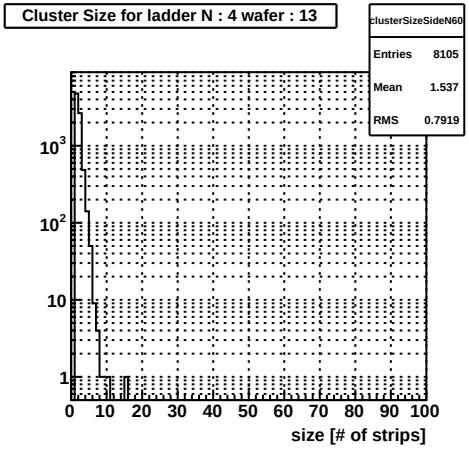

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 3996
Mean 1.225
RMS 0.5724
size [# of strips]

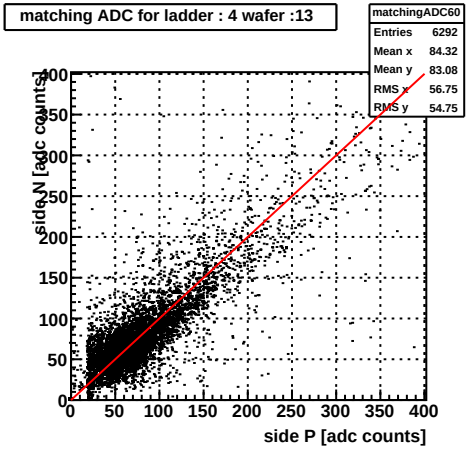

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 2674
Mean x 91.68
Mean y 83.64
RMS x 59.87
RMS y 54.86
side N [adc counts]
side P [adc counts]

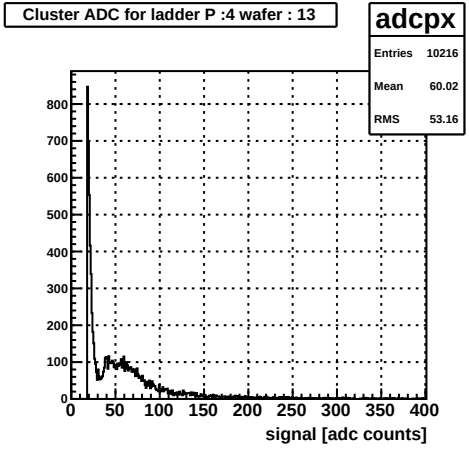

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 13867
Mean 43.98
RMS 41.72
signal [adc counts]

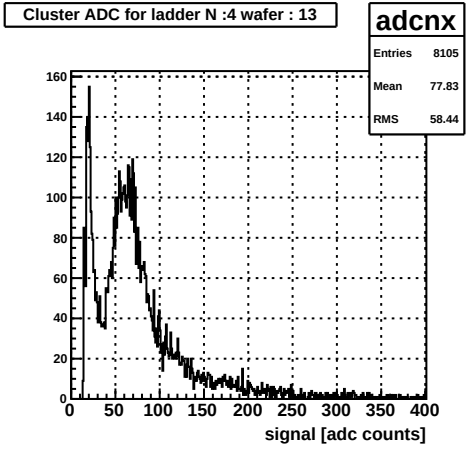

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 3996
Mean 91.22
RMS 61.14
signal [adc counts]

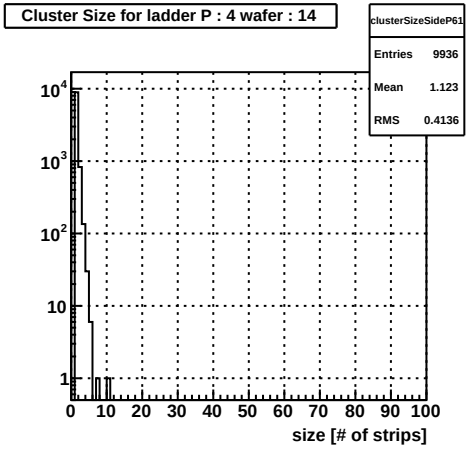

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 10216
Mean 1.3
RMS 0.5986
size [# of strips]

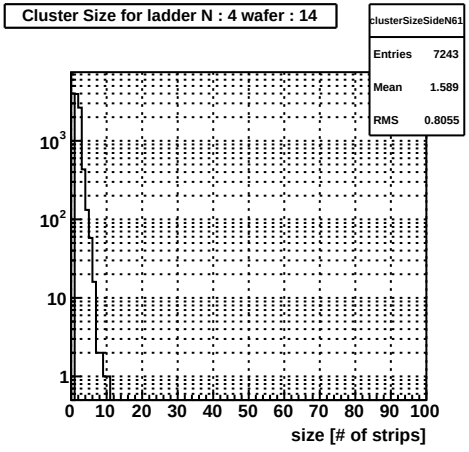

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 8105
Mean 1.537
RMS 0.7919
size [# of strips]

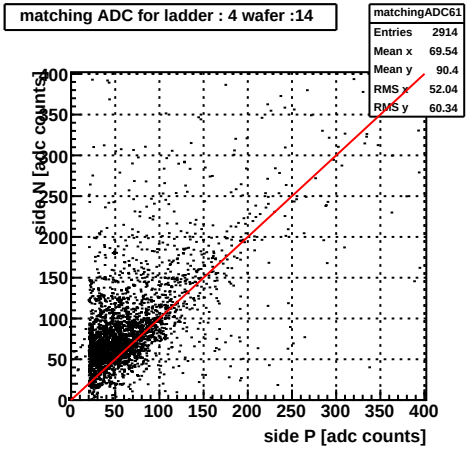

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 6292
Mean x 84.32
Mean y 83.08
RMS x 56.75
RMS y 54.75
side N [adc counts]
side P [adc counts]

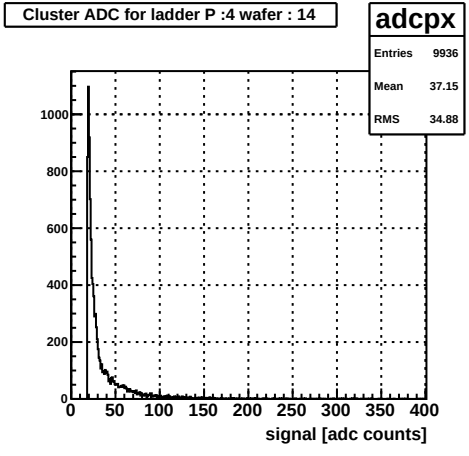

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 10216
Mean 60.02
RMS 53.16
signal [adc counts]

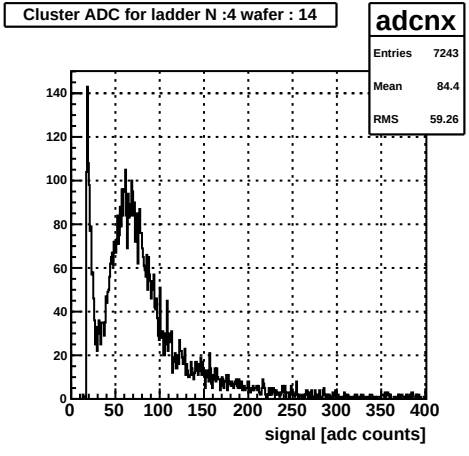

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 8105
Mean 77.83
RMS 58.44
signal [adc counts]

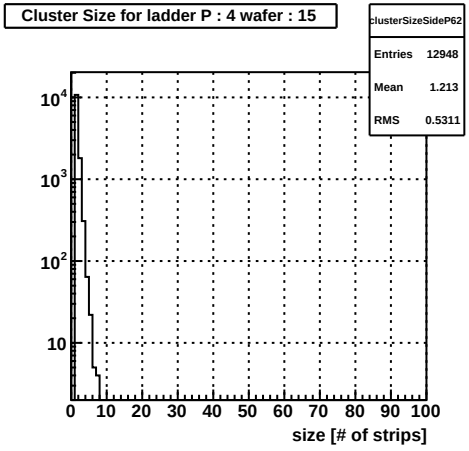

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 9936
Mean 1.123
RMS 0.4136
size [# of strips]

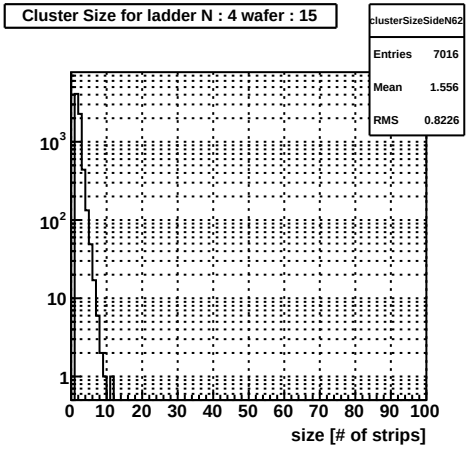

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 7243
Mean 1.589
RMS 0.8055
size [# of strips]

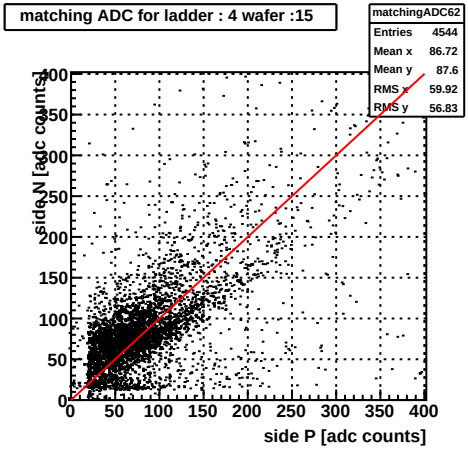

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 2914
Mean x 69.54
Mean y 90.4
RMS x 52.04
RMS y 60.34
side N [adc counts]
side P [adc counts]

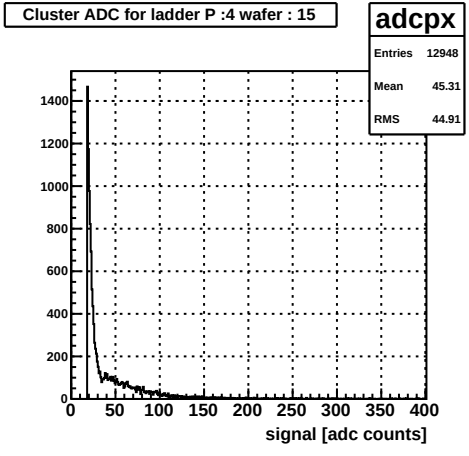

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 9936
Mean 37.15
RMS 34.88
signal [adc counts]

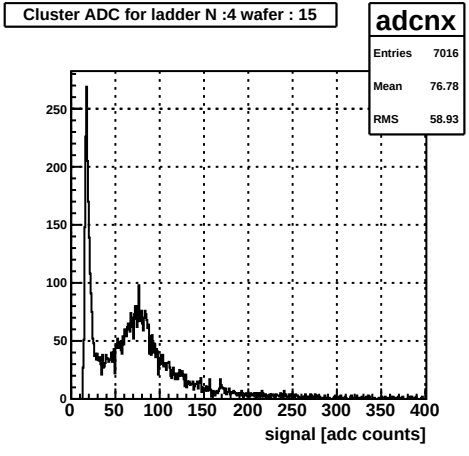

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 7243
Mean 84.4
RMS 59.26
signal [adc counts]

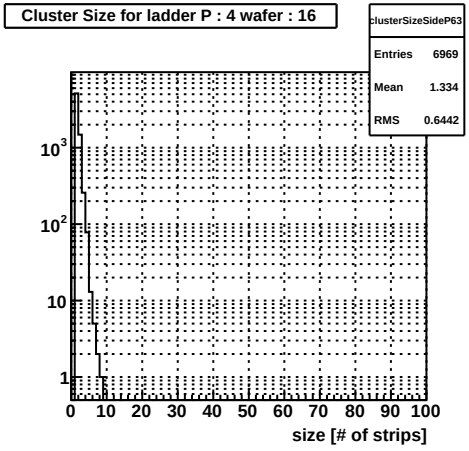

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 12948
Mean 1.213
RMS 0.5311
size [# of strips]

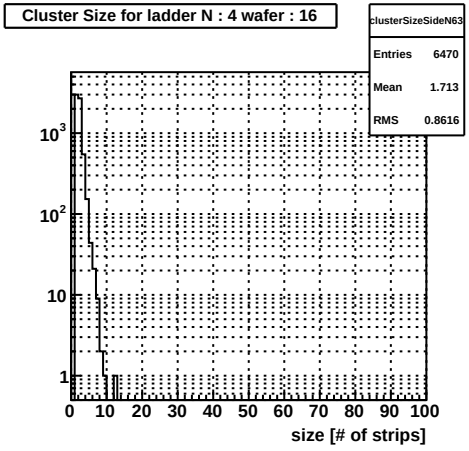

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 7016
Mean 1.556
RMS 0.8226
size [# of strips]

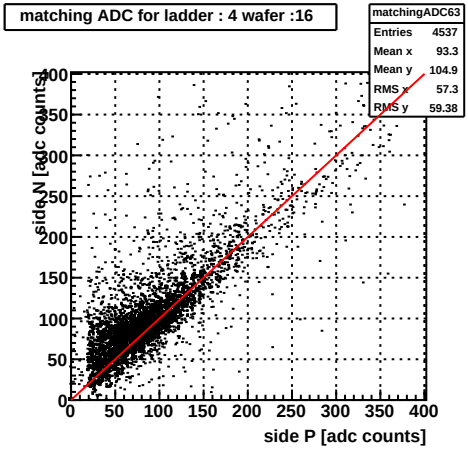

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 4544
Mean x 86.72
Mean y 87.6
RMS x 59.92
RMS y 56.83
side N [adc counts]
side P [adc counts]

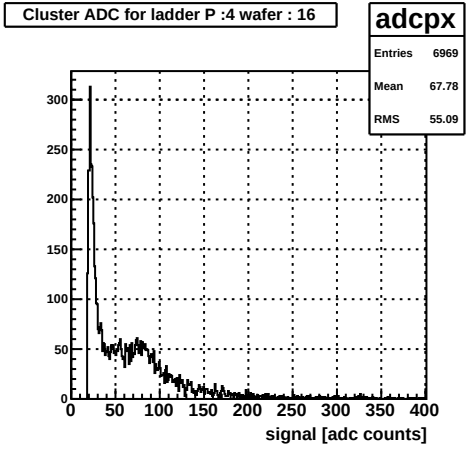

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 12948
Mean 45.31
RMS 44.91
signal [adc counts]

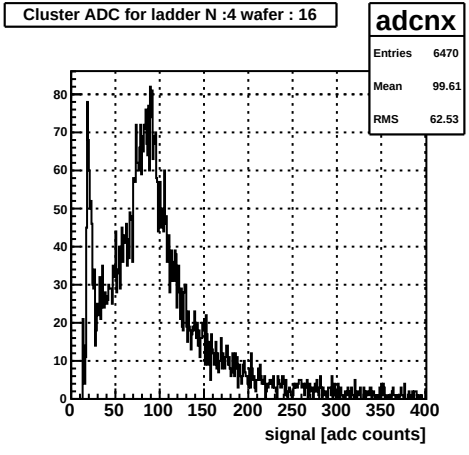

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 7016
Mean 76.78
RMS 58.93
signal [adc counts]

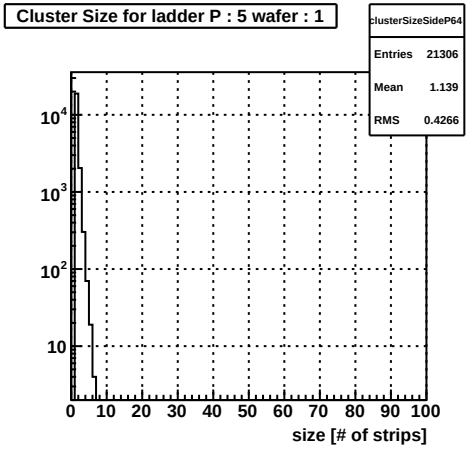

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 6969
Mean 1.334
RMS 0.6442
size [# of strips]

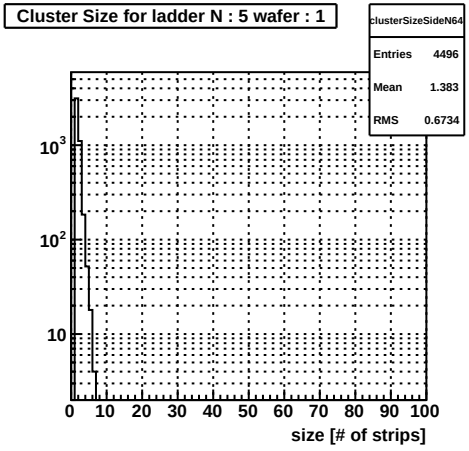

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 6470
Mean 1.713
RMS 0.8616
size [# of strips]

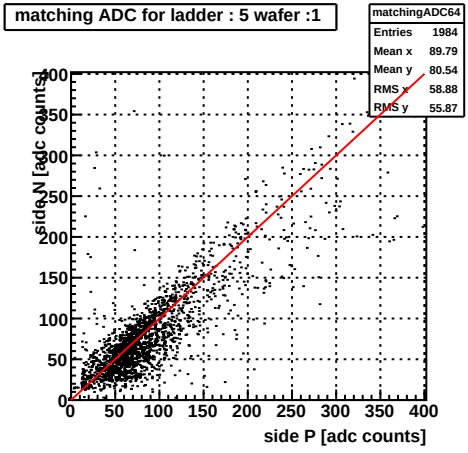

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 4537
Mean x 93.3
Mean y 104.9
RMS x 57.3
RMS y 59.38
side N [adc counts]
side P [adc counts]

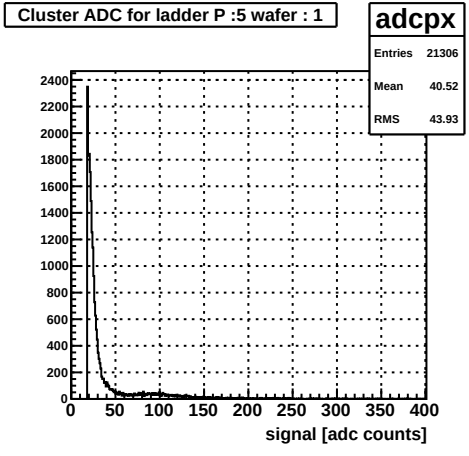

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 6969
Mean 67.78
RMS 55.09
signal [adc counts]

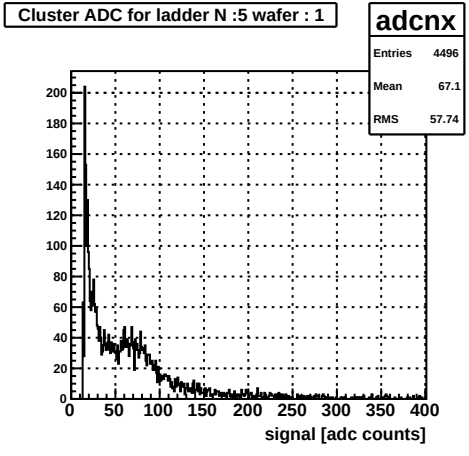

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 6470
Mean 99.61
RMS 62.53
signal [adc counts]

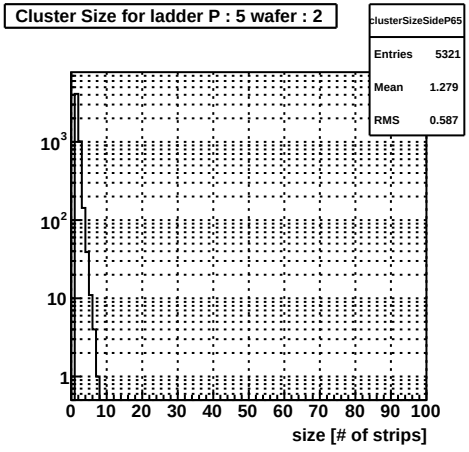

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 21306
Mean 1.139
RMS 0.4266
size [# of strips]

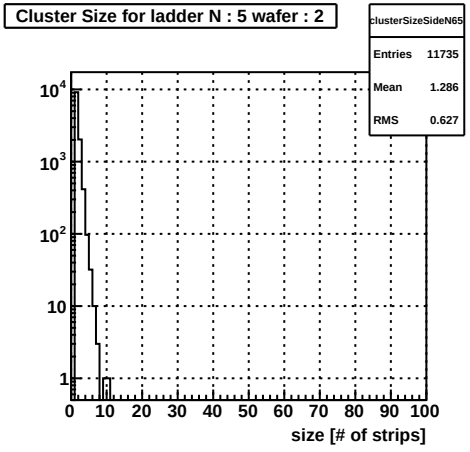

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 4496
Mean 1.383
RMS 0.6734
size [# of strips]

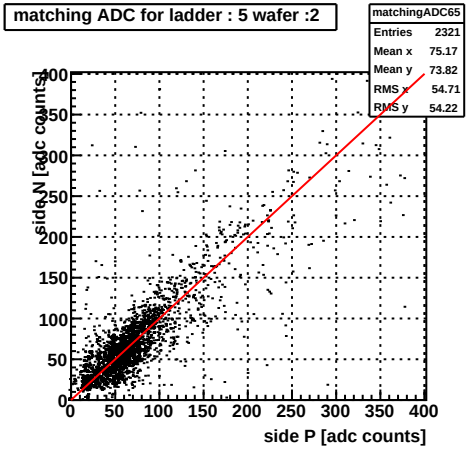

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 1984
Mean x 89.79
Mean y 80.54
RMS x 58.88
RMS y 55.87
side N [adc counts]
side P [adc counts]

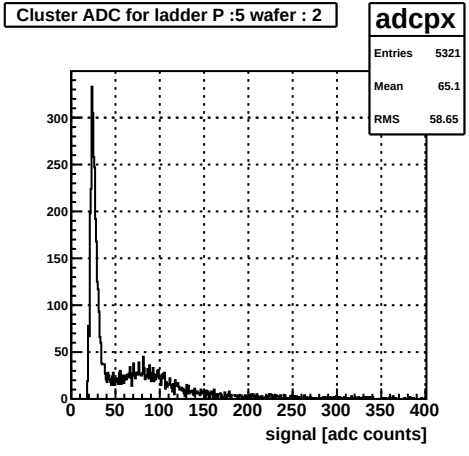

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 21306
Mean 40.52
RMS 43.93
signal [adc counts]

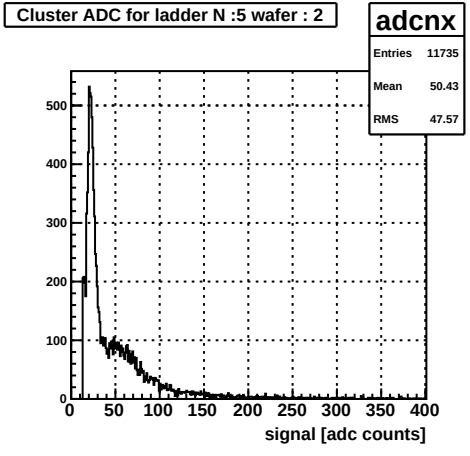

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 4496
Mean 67.1
RMS 57.74
signal [adc counts]

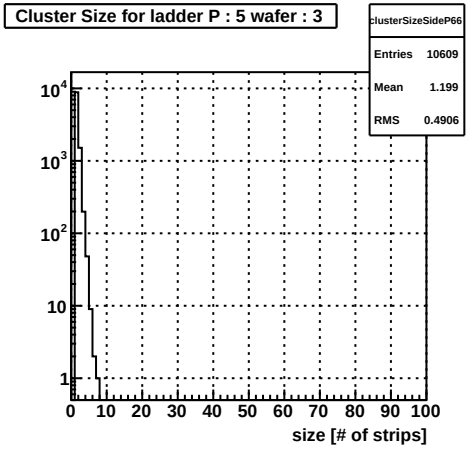

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 5321
Mean 1.279
RMS 0.587
size [# of strips]

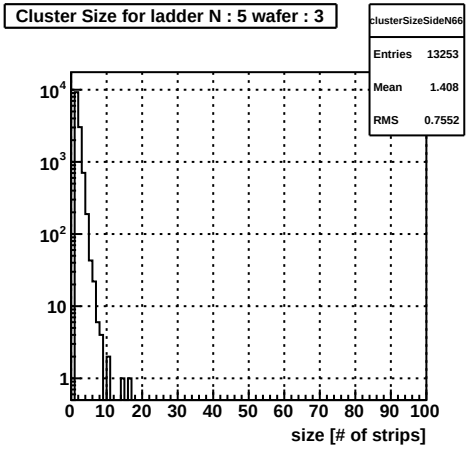

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 11735
Mean 1.286
RMS 0.627
size [# of strips]

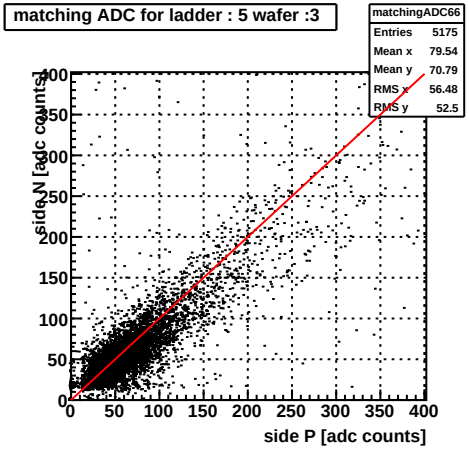

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 2321
Mean x 75.17
Mean y 73.82
RMS x 54.71
RMS y 54.22
side N [adc counts]
side P [adc counts]

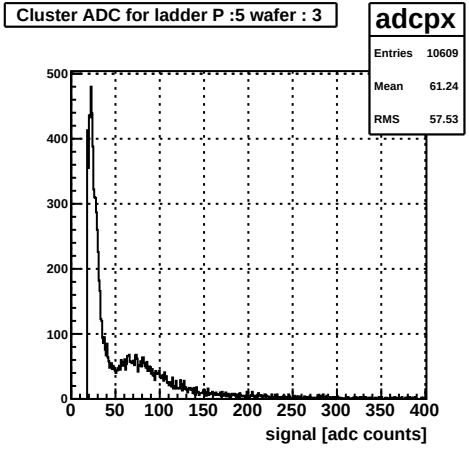

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 5321
Mean 65.1
RMS 58.65
signal [adc counts]

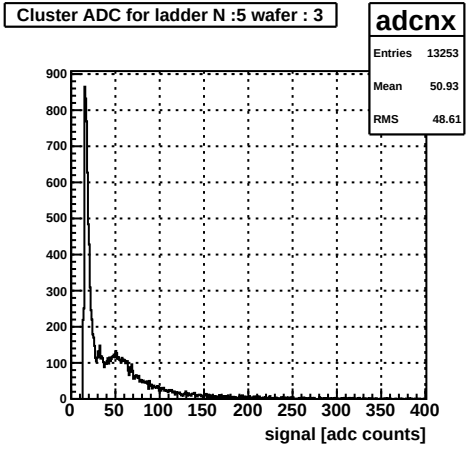

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 11735
Mean 50.43
RMS 47.57
signal [adc counts]

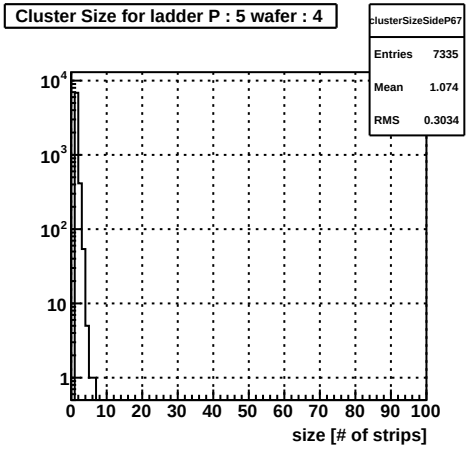

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 10609
Mean 1.199
RMS 0.4906
size [# of strips]

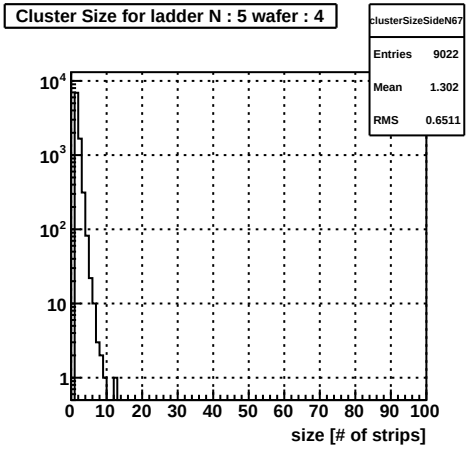

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 13253
Mean 1.408
RMS 0.7552
size [# of strips]

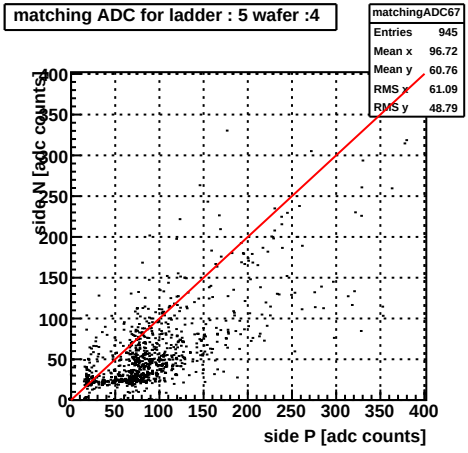

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 5175
Mean x 79.54
Mean y 70.79
RMS x 56.48
RMS y 52.5
side N [adc counts]
side P [adc counts]

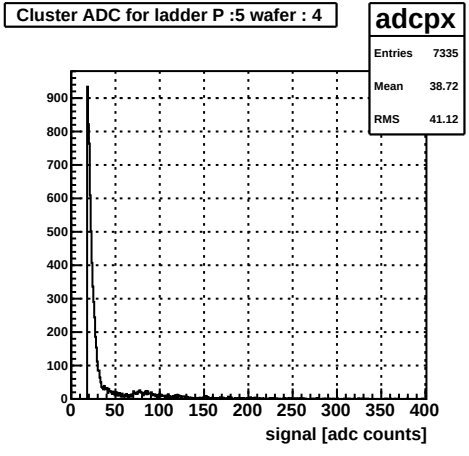

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 10609
Mean 61.24
RMS 57.53
signal [adc counts]

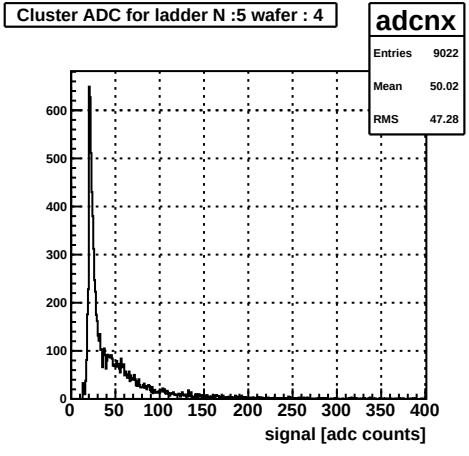

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 13253
Mean 50.93
RMS 48.61
signal [adc counts]

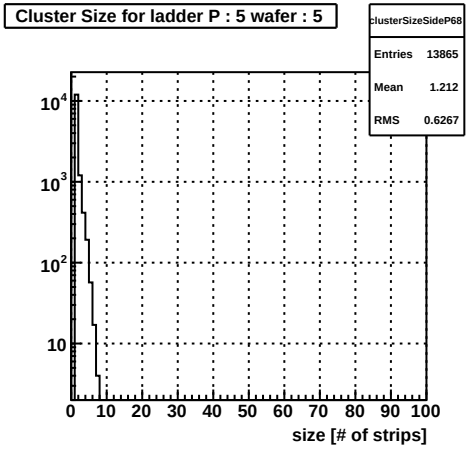

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 7335
Mean 1.074
RMS 0.3034
size [# of strips]

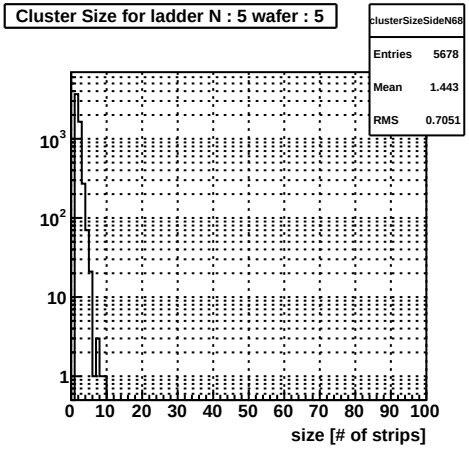

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 9022
Mean 1.302
RMS 0.6511
size [# of strips]

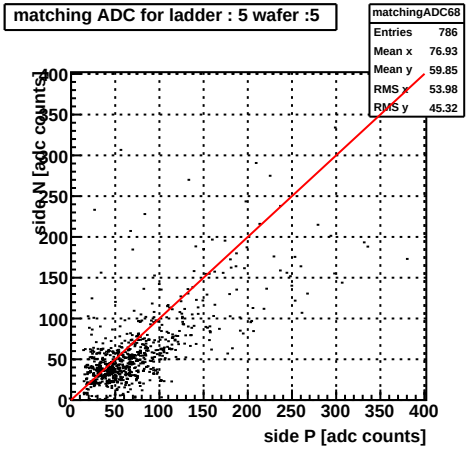

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 945
Mean x 96.72
Mean y 60.76
RMS x 61.09
RMS y 48.79
side N [adc counts]
side P [adc counts]

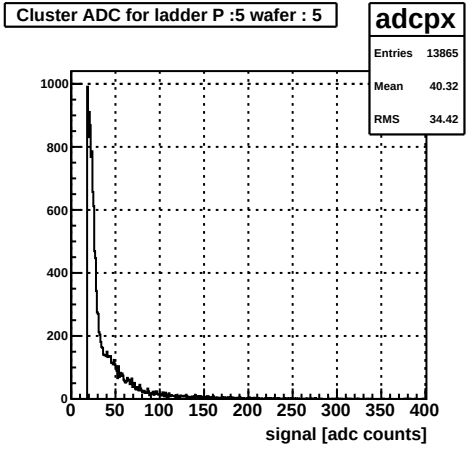

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 7335
Mean 38.72
RMS 41.12
signal [adc counts]

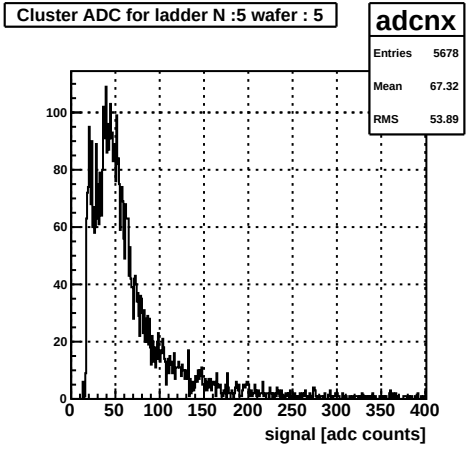

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 9022
Mean 50.02
RMS 47.28
signal [adc counts]

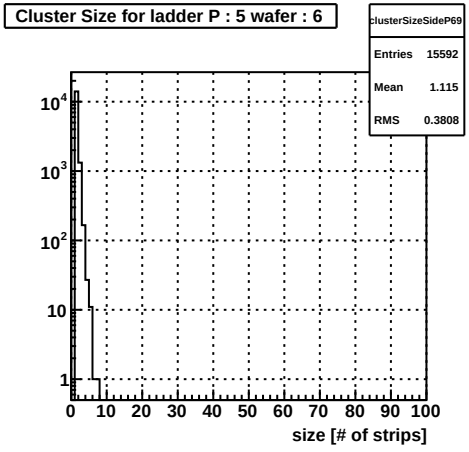

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 13865
Mean 1.212
RMS 0.6267
size [# of strips]

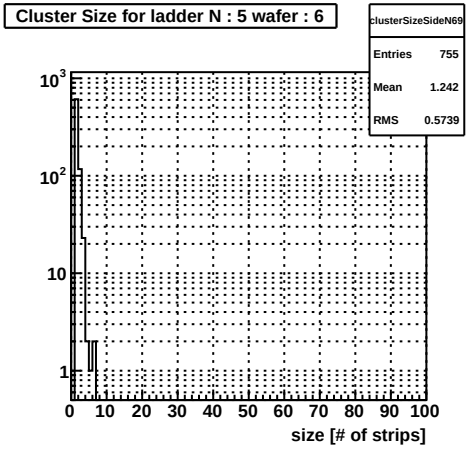

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 5678
Mean 1.443
RMS 0.7051
size [# of strips]

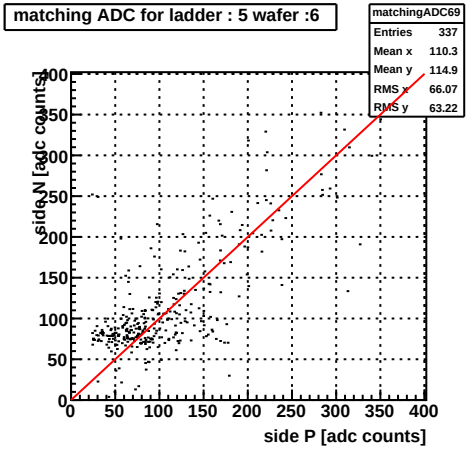

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 786
Mean x 76.93
Mean y 59.85
RMS x 53.98
RMS y 45.32
side N [adc counts]
side P [adc counts]

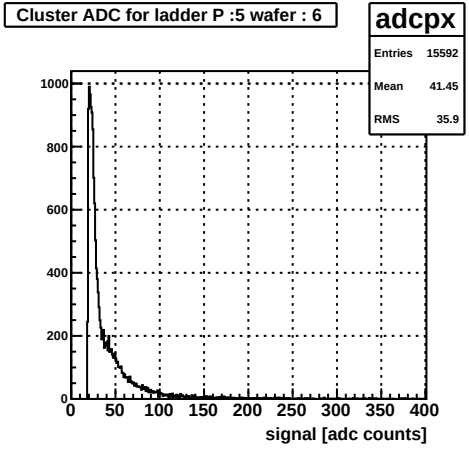

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 13865
Mean 40.32
RMS 34.42
signal [adc counts]

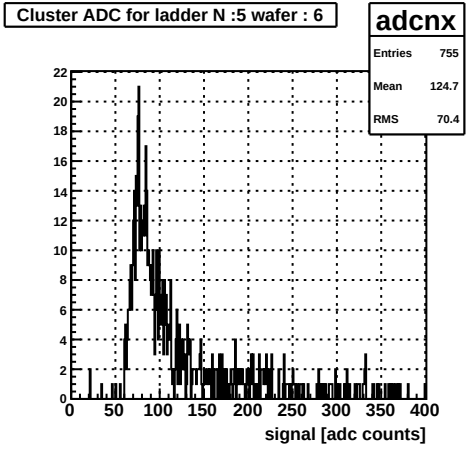

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 5678
Mean 67.32
RMS 53.89
signal [adc counts]

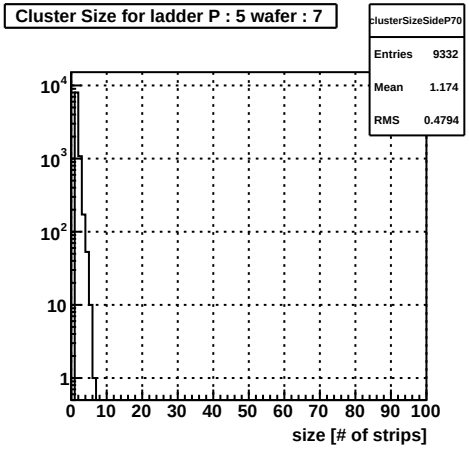

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 15592
Mean 1.115
RMS 0.3808
size [# of strips]

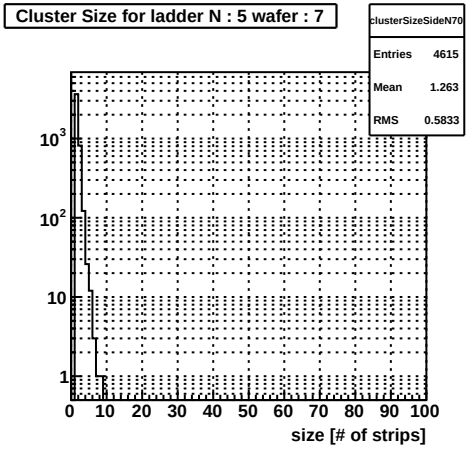

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 755
Mean 1.242
RMS 0.5739
size [# of strips]

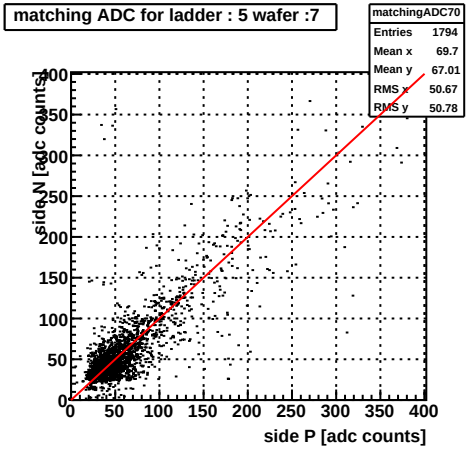

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 337
Mean x 110.3
Mean y 114.9
RMS x 66.07
RMS y 63.22
side N [adc counts]
side P [adc counts]

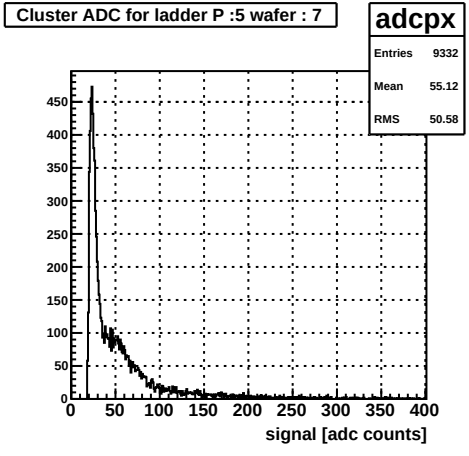

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 15592
Mean 41.45
RMS 35.9
signal [adc counts]

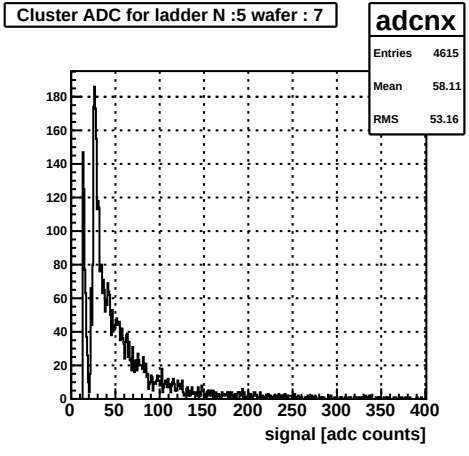

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 755
Mean 124.7
RMS 70.4
signal [adc counts]

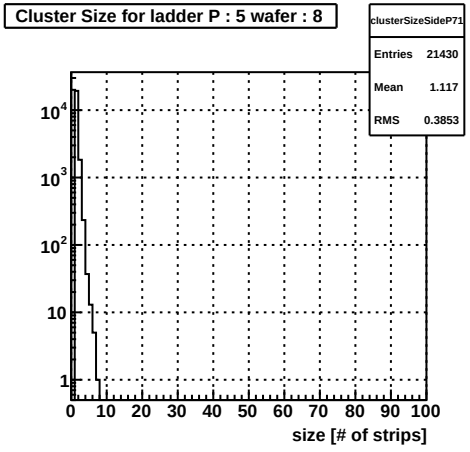

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 9332
Mean 1.174
RMS 0.4794
size [# of strips]

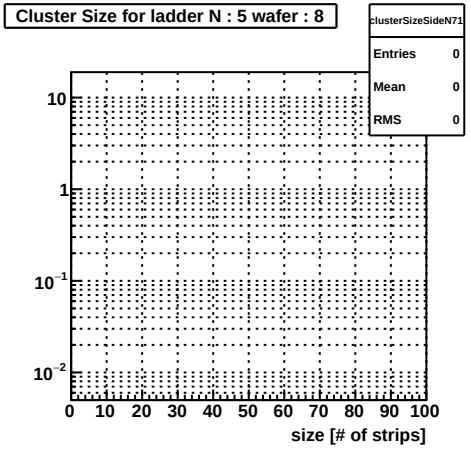

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 4615
Mean 1.263
RMS 0.5833
size [# of strips]

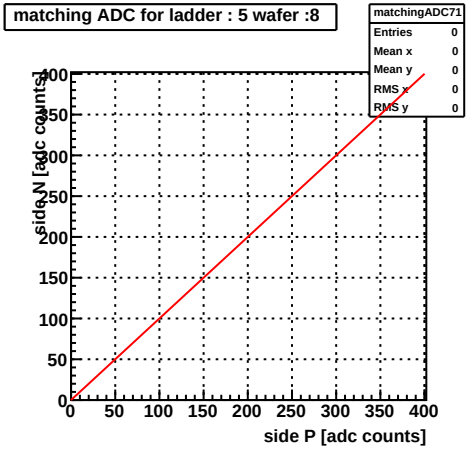

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 1794
Mean x 69.7
Mean y 67.01
RMS x 50.67
RMS y 50.78
side N [adc counts]
side P [adc counts]

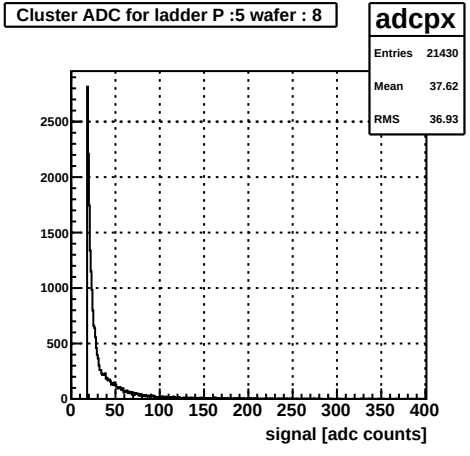

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 9332
Mean 55.12
RMS 50.58
signal [adc counts]

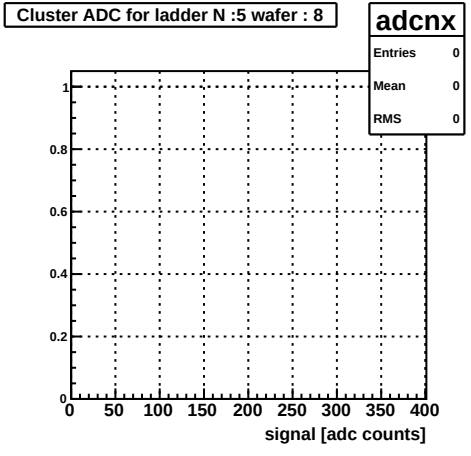

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 4615
Mean 58.11
RMS 53.16
signal [adc counts]

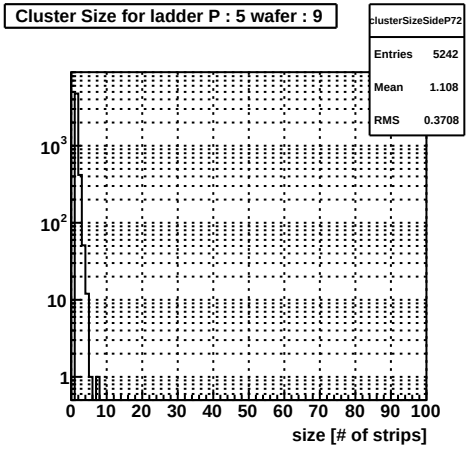

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 21430
Mean 1.117
RMS 0.3853
size [# of strips]

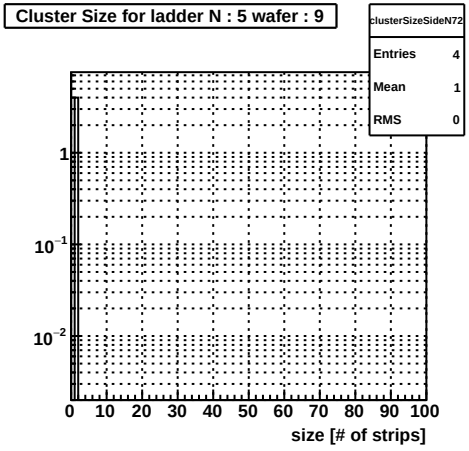

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

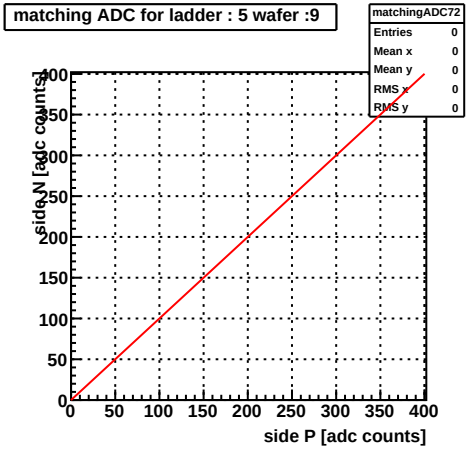

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

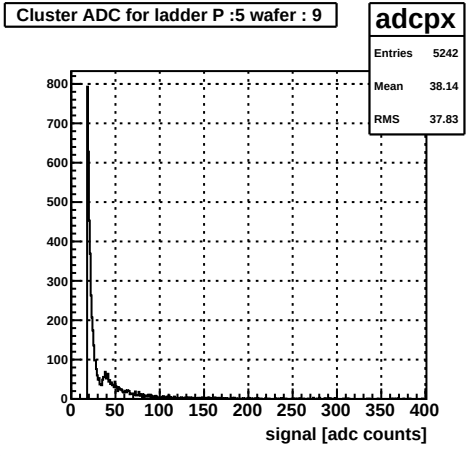

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 21430
Mean 37.62
RMS 36.93
signal [adc counts]

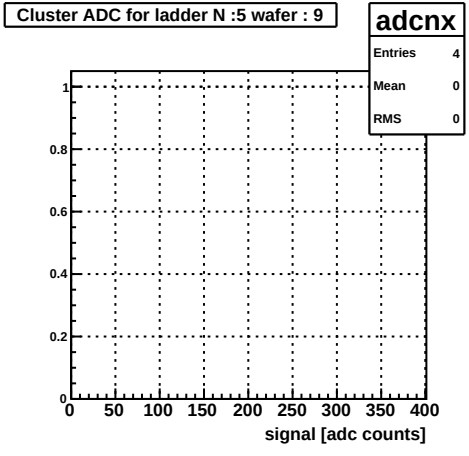

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

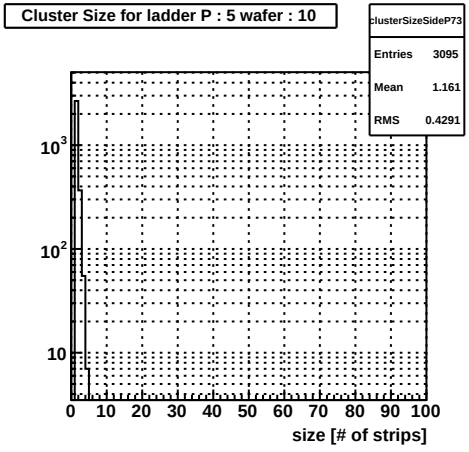

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 5242
Mean 1.108
RMS 0.3708
size [# of strips]

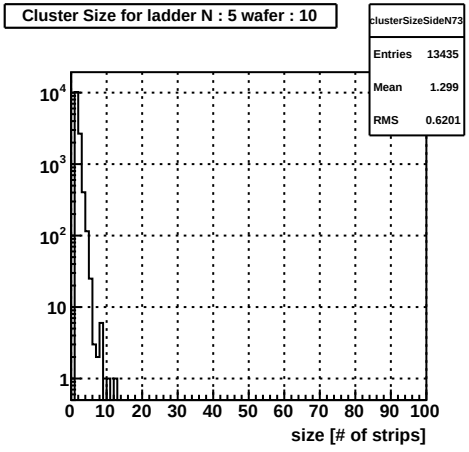

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 4
Mean 1
RMS 0
size [# of strips]

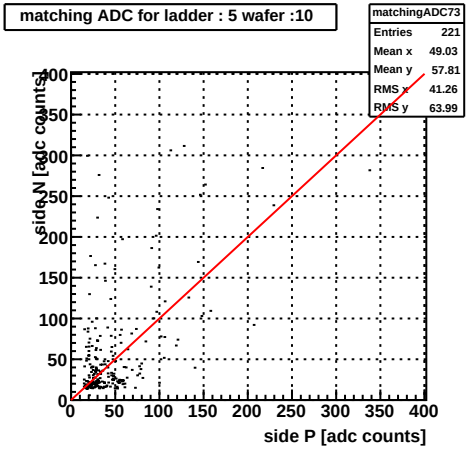

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

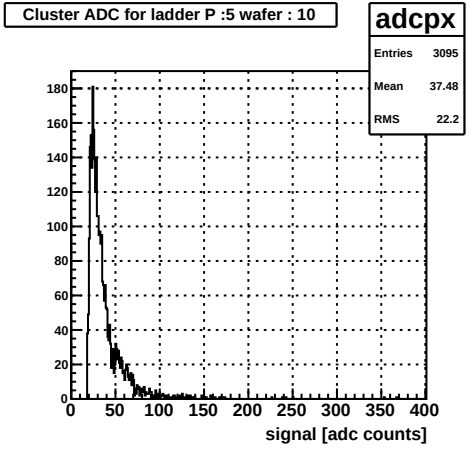

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 5242
Mean 38.14
RMS 37.83
signal [adc counts]

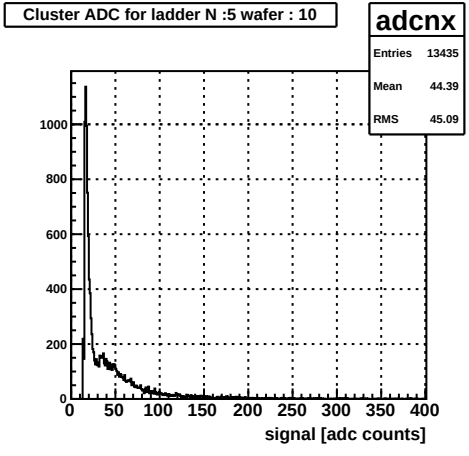

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 4
Mean 0
RMS 0
signal [adc counts]

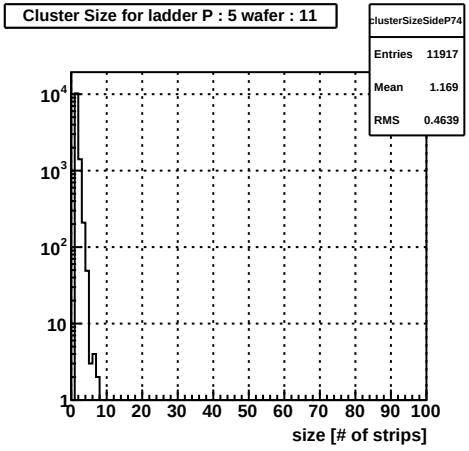

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 3095
Mean 1.161
RMS 0.4291
size [# of strips]

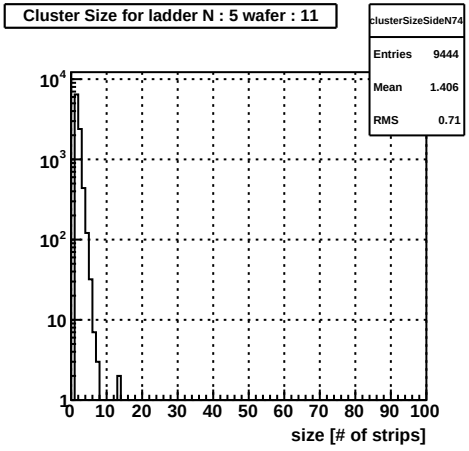

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 13435
Mean 1.299
RMS 0.6201
size [# of strips]

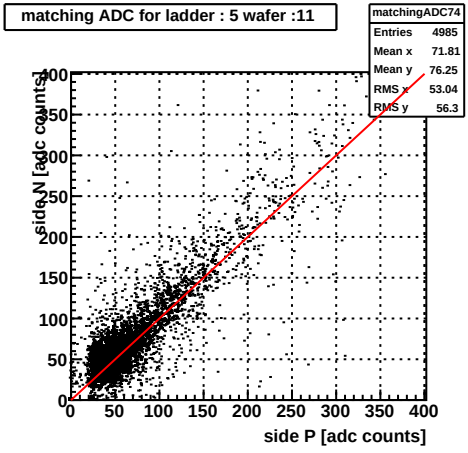

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 221
Mean x 49.03
Mean y 57.81
RMS x 41.26
RMS y 63.99
side N [adc counts]
side P [adc counts]

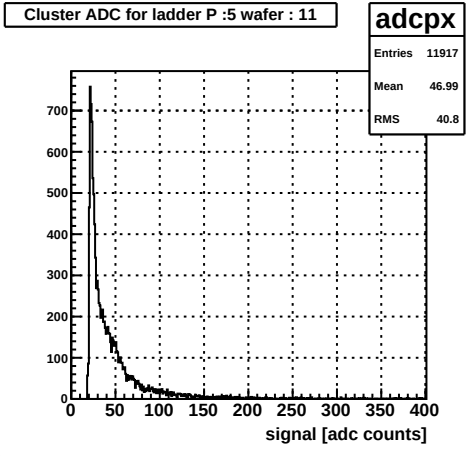

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 3095
Mean 37.48
RMS 22.2
signal [adc counts]

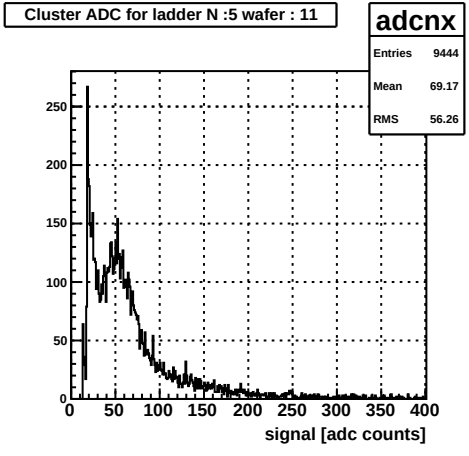

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 13435
Mean 44.39
RMS 45.09
signal [adc counts]

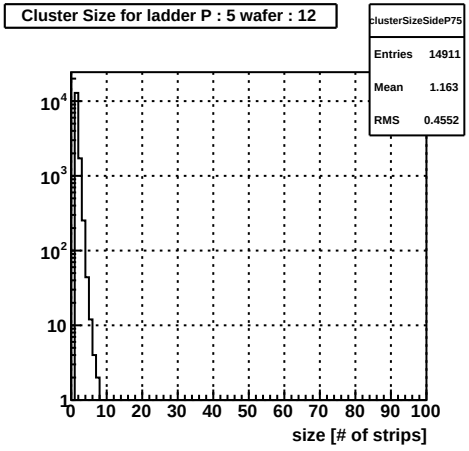

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 11917
Mean 1.169
RMS 0.4639
size [# of strips]

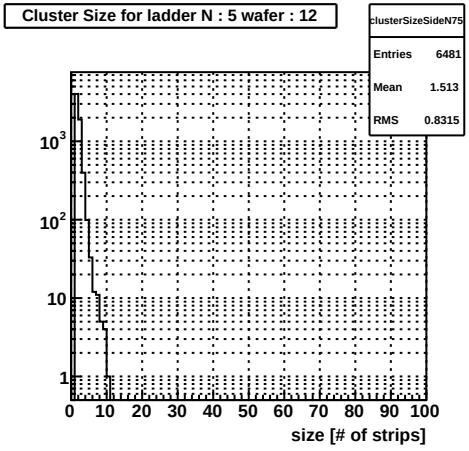

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 9444
Mean 1.406
RMS 0.71
size [# of strips]

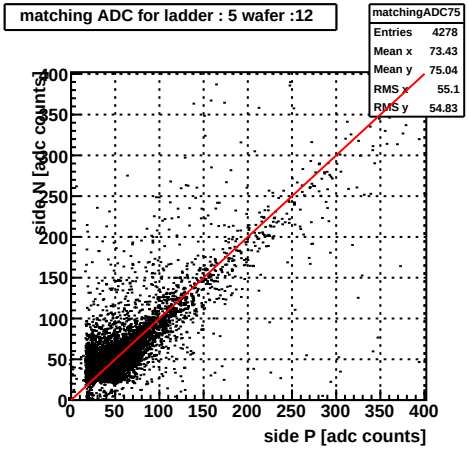

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 4985
Mean x 71.81
Mean y 76.25
RMS x 53.04
RMS y 56.3
side N [adc counts]
side P [adc counts]

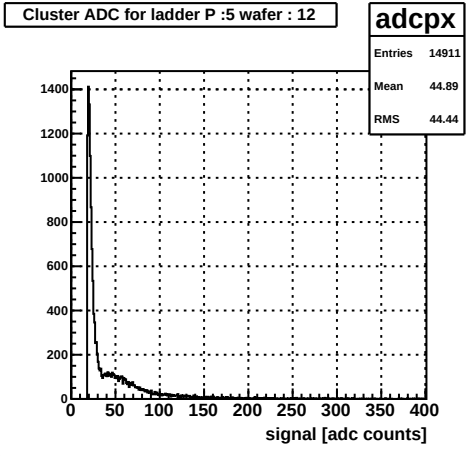

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 11917
Mean 46.99
RMS 40.8
signal [adc counts]

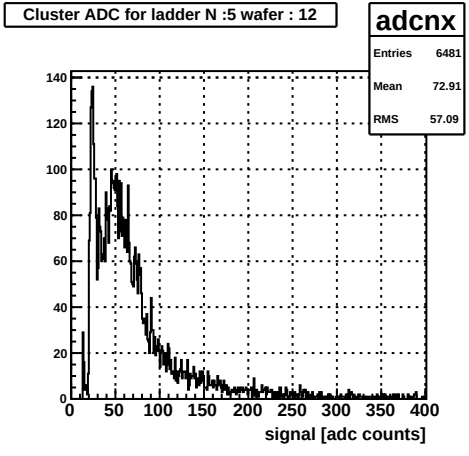

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 9444
Mean 69.17
RMS 56.26
signal [adc counts]

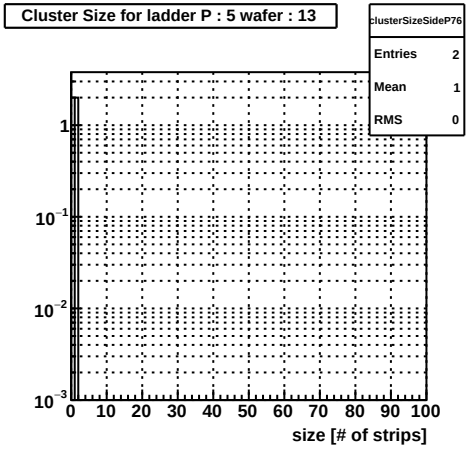

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 14911
Mean 1.163
RMS 0.4552
size [# of strips]

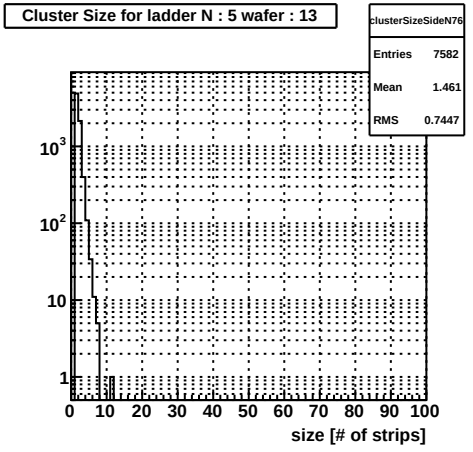

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 6481
Mean 1.513
RMS 0.8315
size [# of strips]

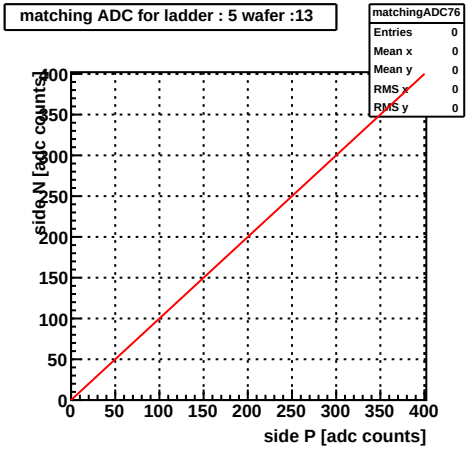

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 4278
Mean x 73.43
Mean y 75.04
RMS x 55.1
RMS y 54.83
side N [adc counts]
side P [adc counts]

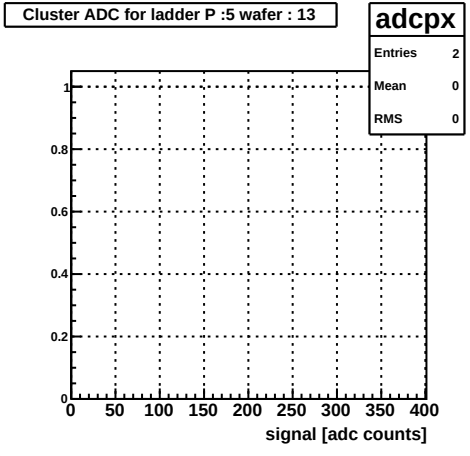

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 14911
Mean 44.89
RMS 44.44
signal [adc counts]

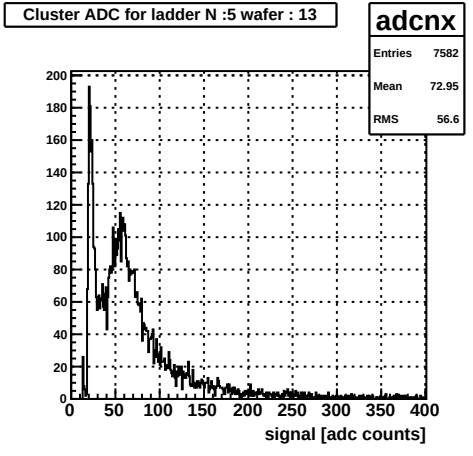

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 6481
Mean 72.91
RMS 57.09
signal [adc counts]

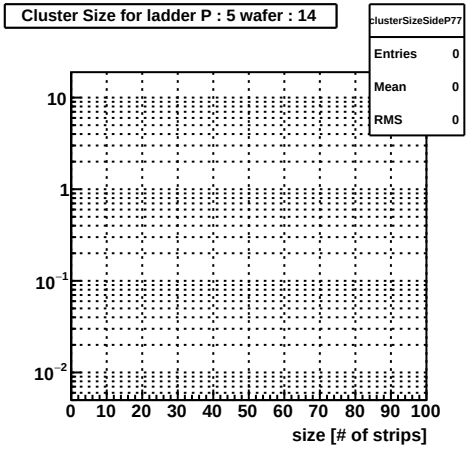

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 2
Mean 1
RMS 0
size [# of strips]

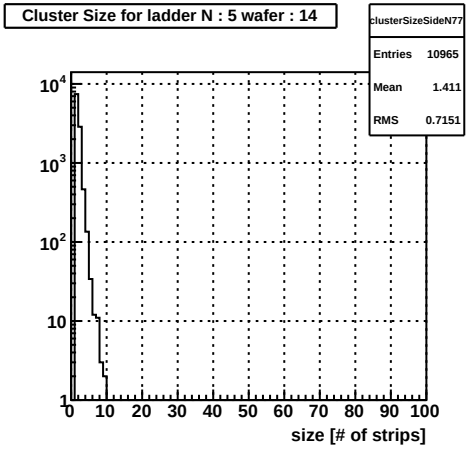

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 7582
Mean 1.461
RMS 0.7447
size [# of strips]

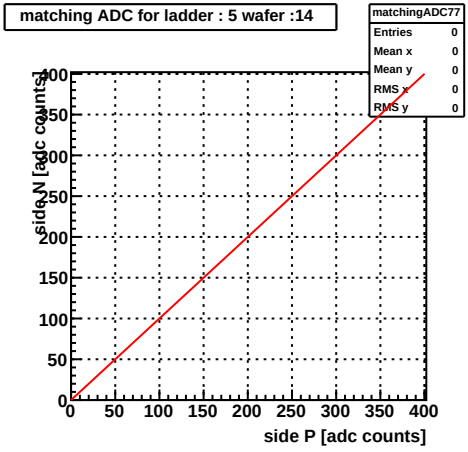

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

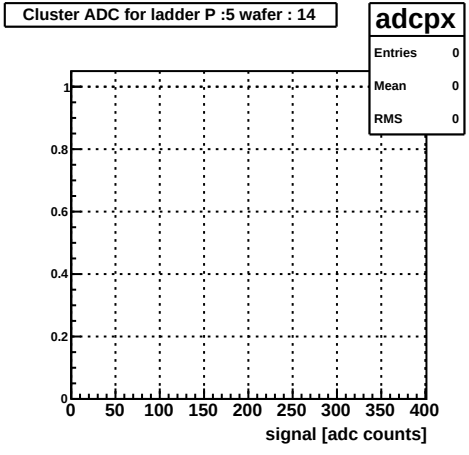

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

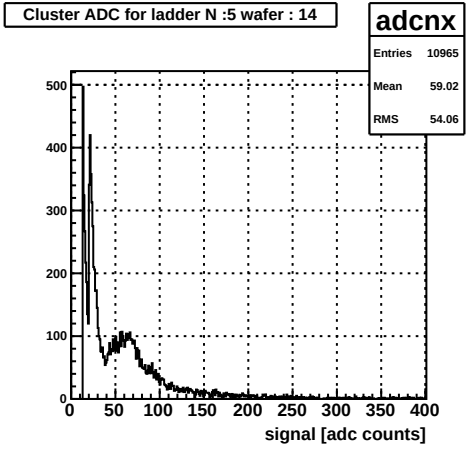

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 7582
Mean 72.95
RMS 56.6
signal [adc counts]

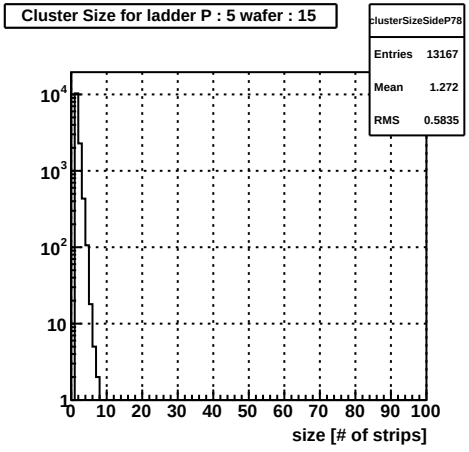

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

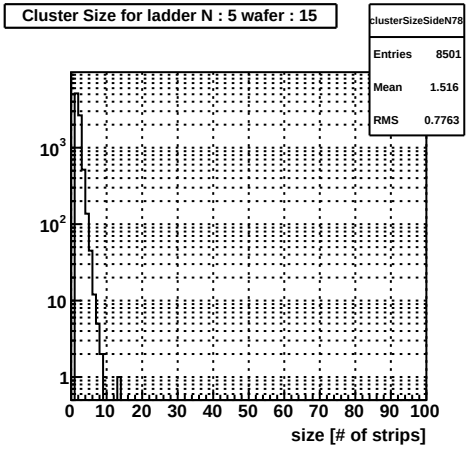

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 10965
Mean 1.411
RMS 0.7151
size [# of strips]

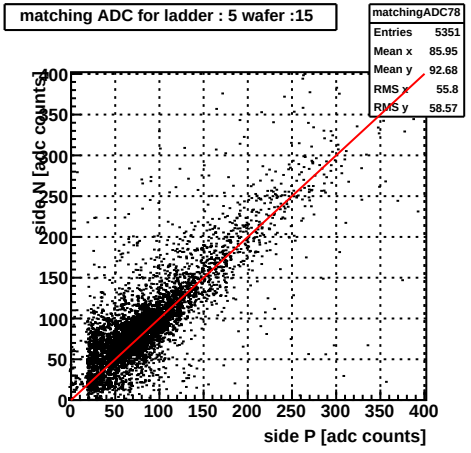

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

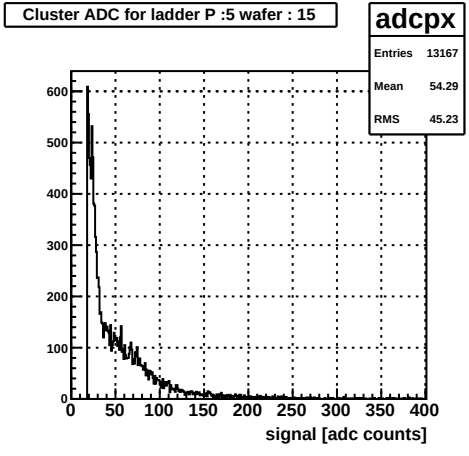

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

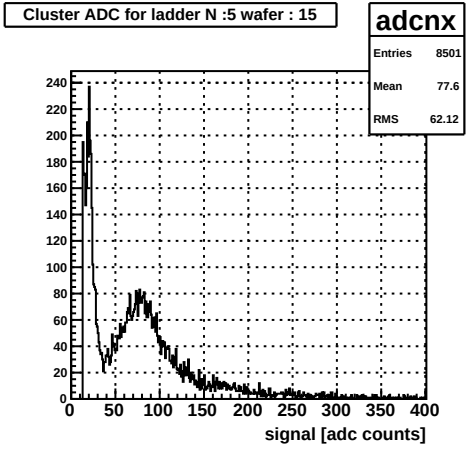

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 10965
Mean 59.02
RMS 54.06
signal [adc counts]

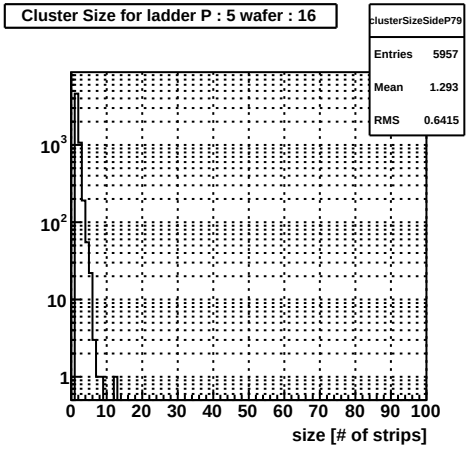

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 13167
Mean 1.272
RMS 0.5835
size [# of strips]

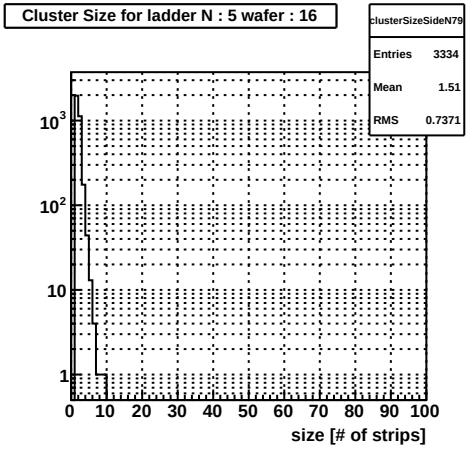

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 8501
Mean 1.516
RMS 0.7763
size [# of strips]

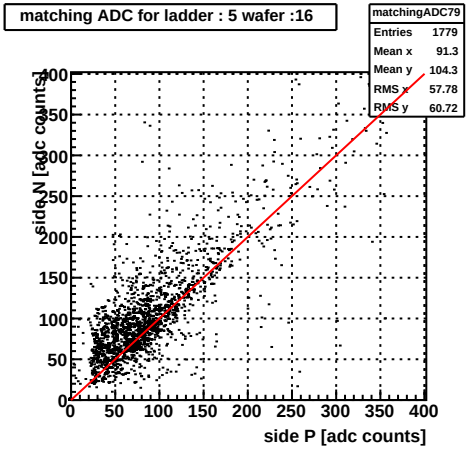

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 5351
Mean x 85.95
Mean y 92.68
RMS x 55.8
RMS y 58.57
side N [adc counts]
side P [adc counts]

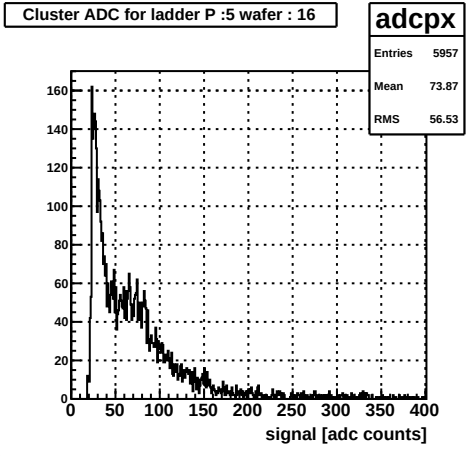

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 13167
Mean 54.29
RMS 45.23
signal [adc counts]

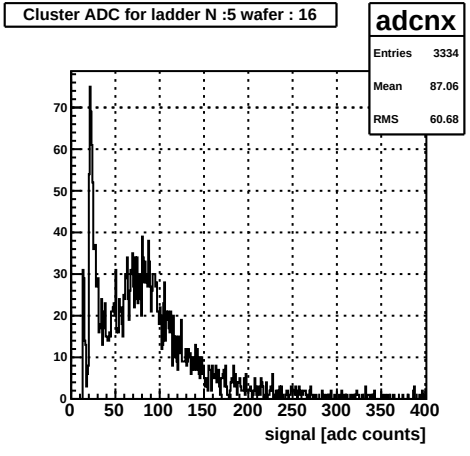

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 8501
Mean 77.6
RMS 62.12
signal [adc counts]

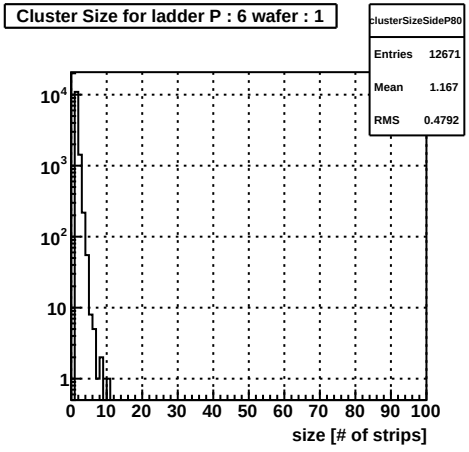

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 5957
Mean 1.293
RMS 0.6415
size [# of strips]

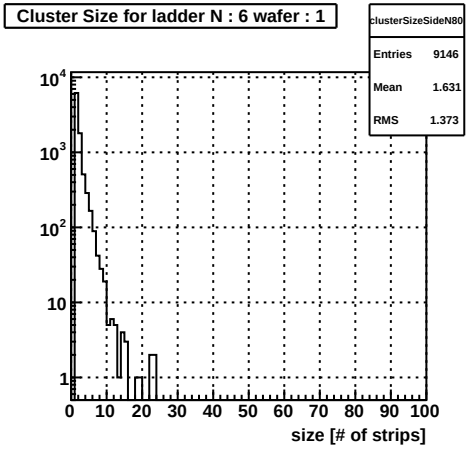

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 3334
Mean 1.51
RMS 0.7371
size [# of strips]

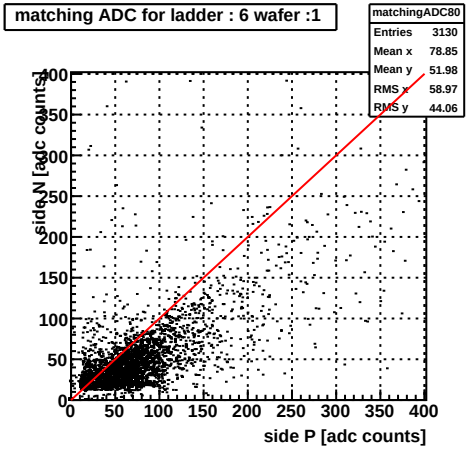

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 1779
Mean x 91.3
Mean y 104.3
RMS x 57.78
RMS y 60.72
side N [adc counts]
side P [adc counts]

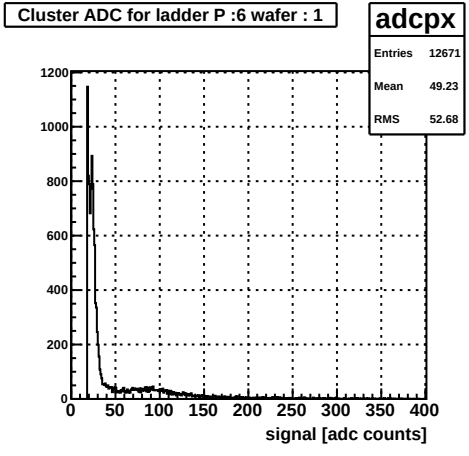

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 5957
Mean 73.87
RMS 56.53
signal [adc counts]

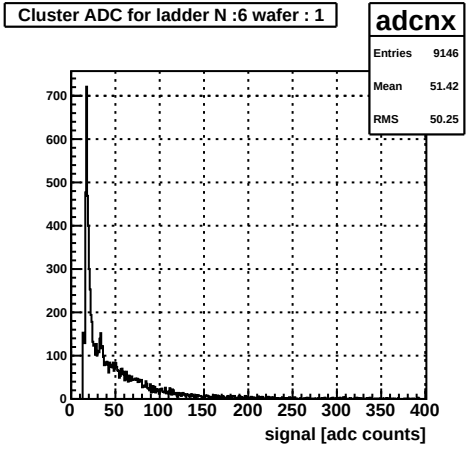

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 3334
Mean 87.06
RMS 60.68
signal [adc counts]

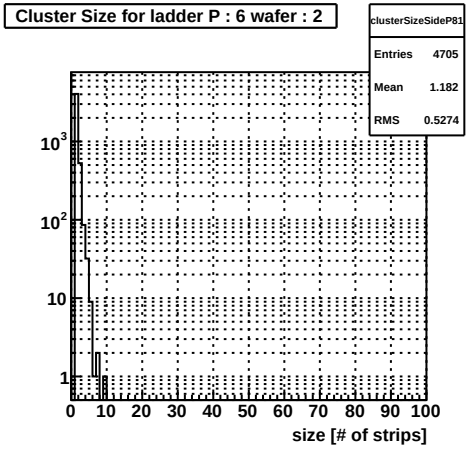

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 12671
Mean 1.167
RMS 0.4792
size [# of strips]

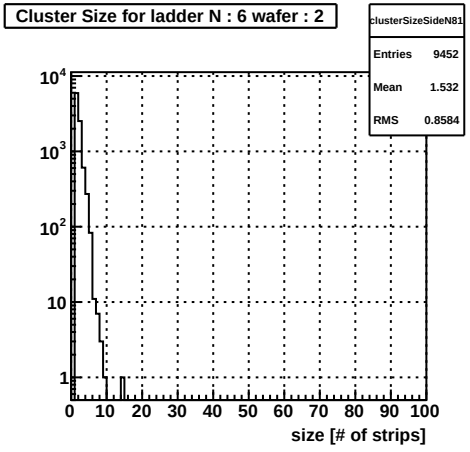

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 9146
Mean 1.631
RMS 1.373
size [# of strips]

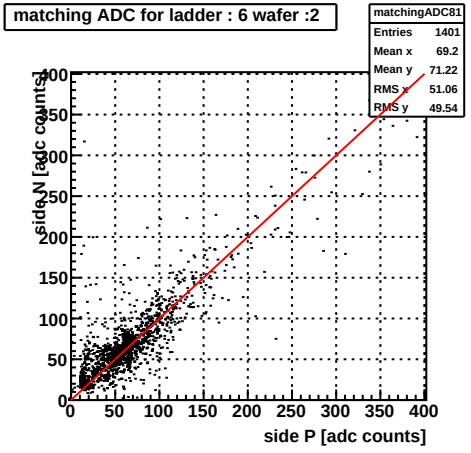

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 3130
Mean x 78.85
Mean y 51.98
RMS x 58.97
RMS y 44.06
side N [adc counts]
side P [adc counts]

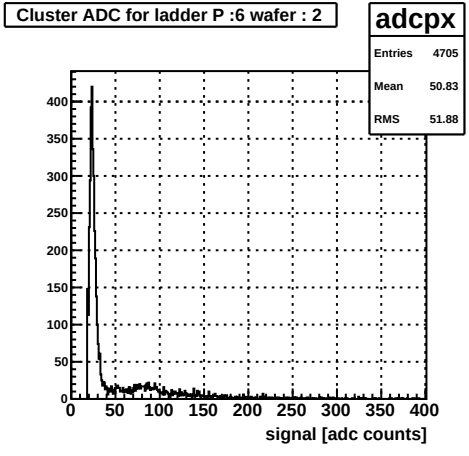

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 12671
Mean 49.23
RMS 52.68
signal [adc counts]

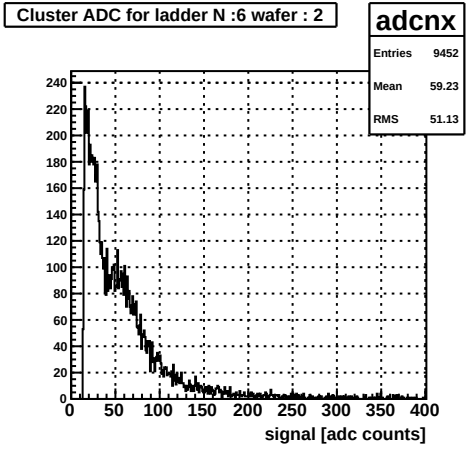

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 9146
Mean 51.42
RMS 50.25
signal [adc counts]

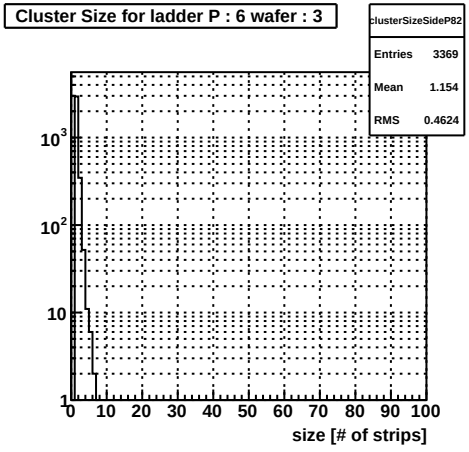

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 4705
Mean 1.182
RMS 0.5274
size [# of strips]

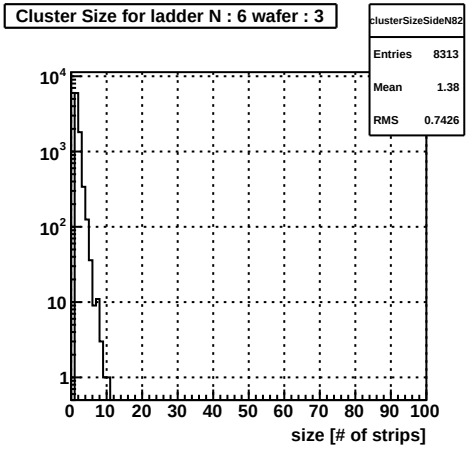

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 9452
Mean 1.532
RMS 0.8584
size [# of strips]

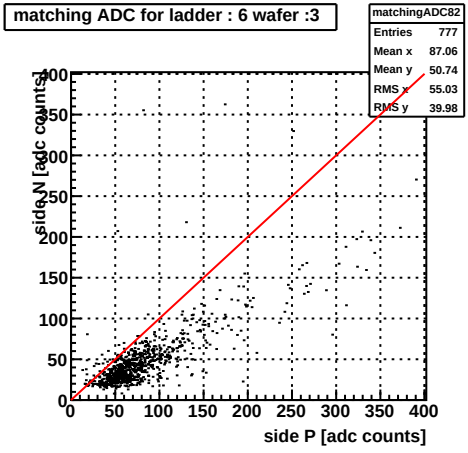

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 1401
Mean x 69.2
Mean y 71.22
RMS x 51.06
RMS y 49.54
side N [adc counts]
side P [adc counts]

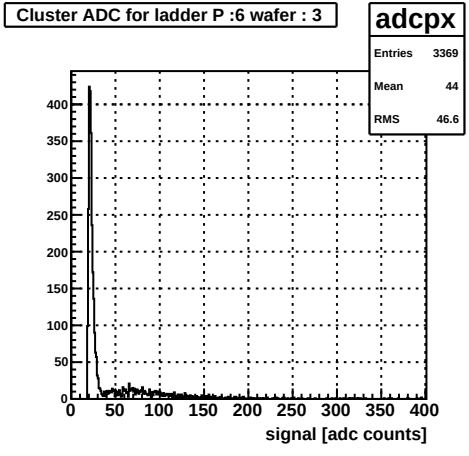

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 4705
Mean 50.83
RMS 51.88
signal [adc counts]

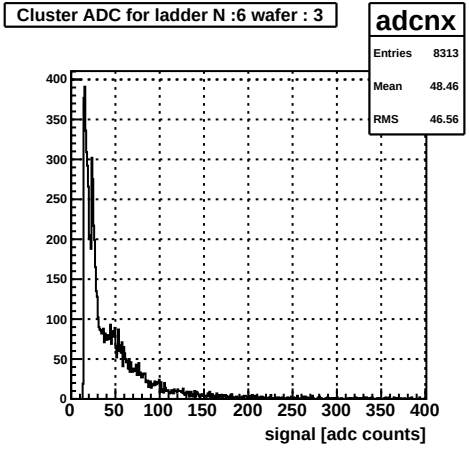

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 9452
Mean 59.23
RMS 51.13
signal [adc counts]

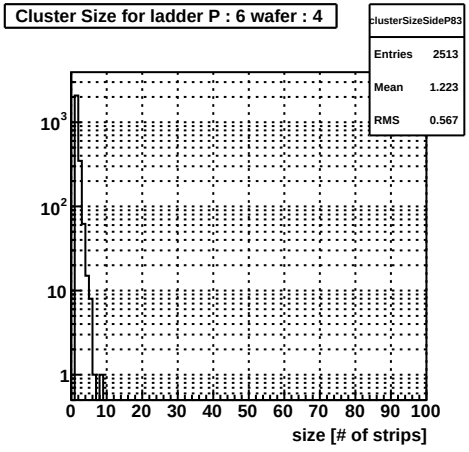

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 3369
Mean 1.154
RMS 0.4624
size [# of strips]

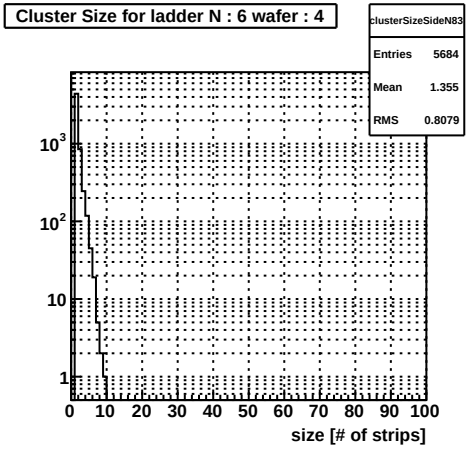

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 8313
Mean 1.38
RMS 0.7426
size [# of strips]

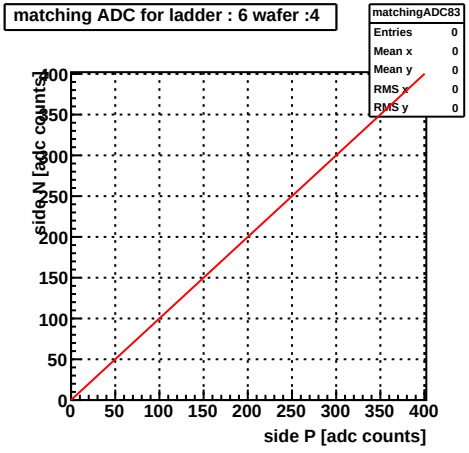

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 777
Mean x 87.06
Mean y 50.74
RMS x 55.03
RMS y 39.98
side N [adc counts]
side P [adc counts]

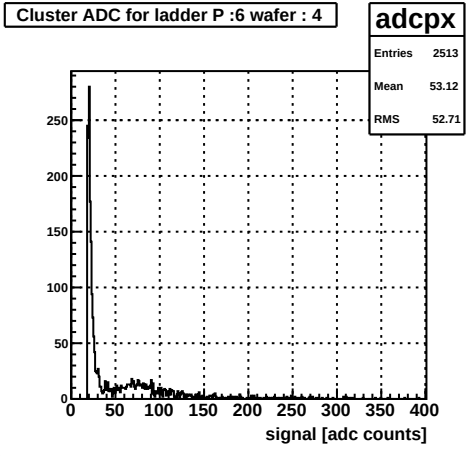

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 3369
Mean 44
RMS 46.6
signal [adc counts]

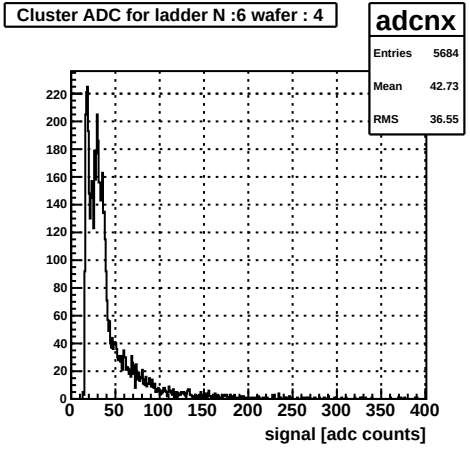

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 8313
Mean 48.46
RMS 46.56
signal [adc counts]

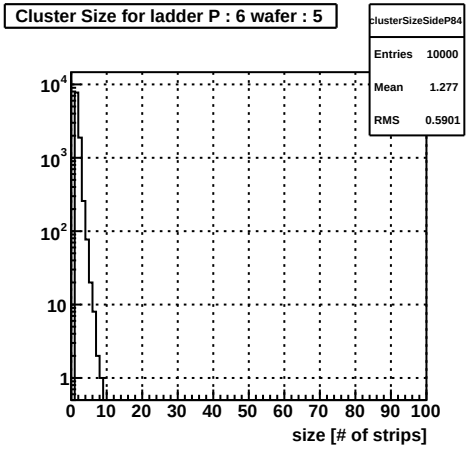

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 2513
Mean 1.223
RMS 0.567
size [# of strips]

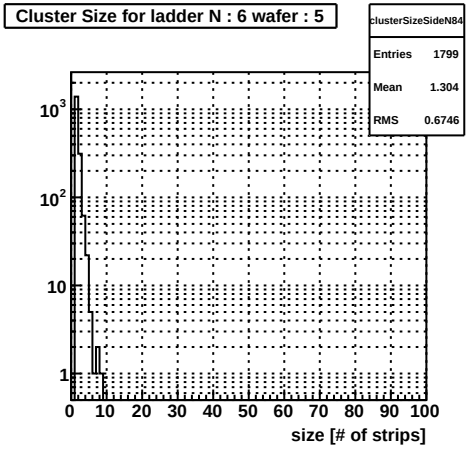

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 5684
Mean 1.355
RMS 0.8079
size [# of strips]

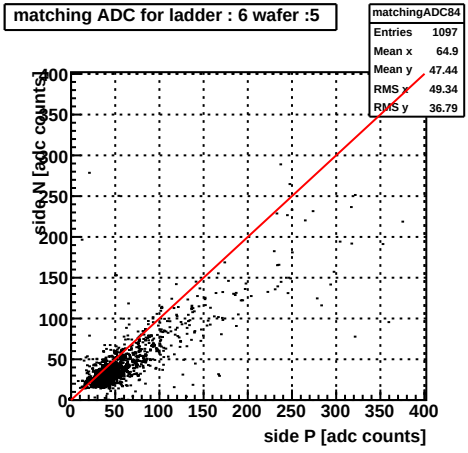

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

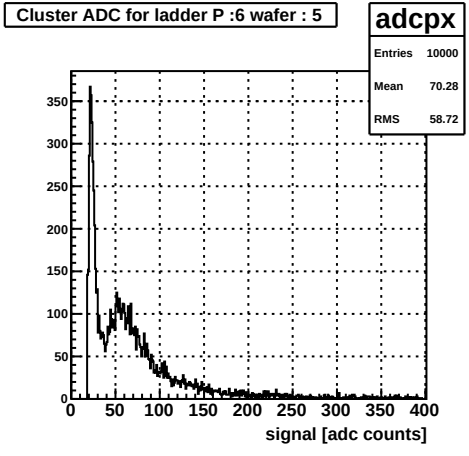

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 2513
Mean 53.12
RMS 52.71
signal [adc counts]

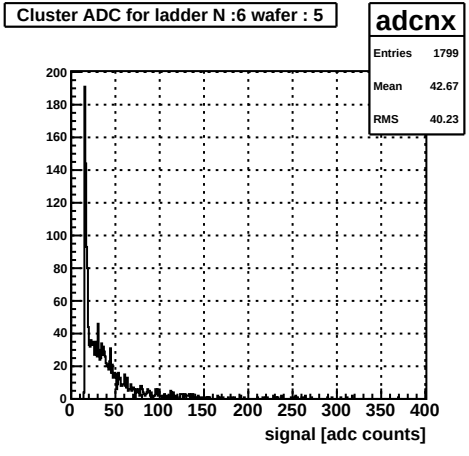

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 5684
Mean 42.73
RMS 36.55
signal [adc counts]

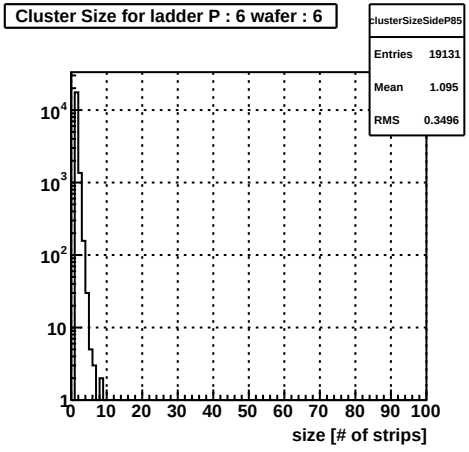

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 10000
Mean 1.277
RMS 0.5901
size [# of strips]

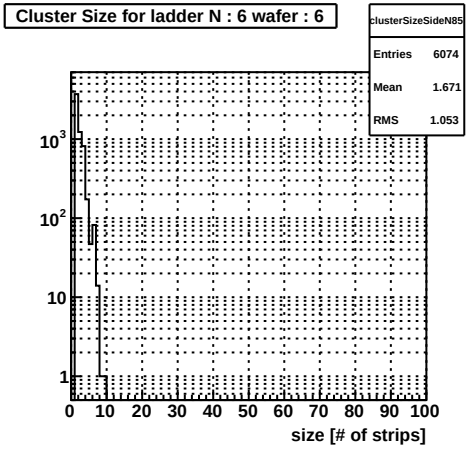

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 1799
Mean 1.304
RMS 0.6746
size [# of strips]

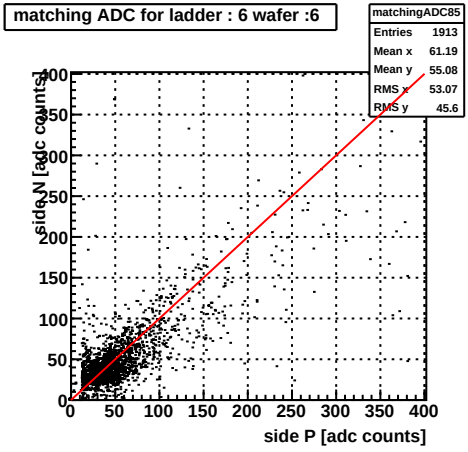

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 1097
Mean x 64.9
Mean y 47.44
RMS x 49.34
RMS y 36.79
side N [adc counts]
side P [adc counts]

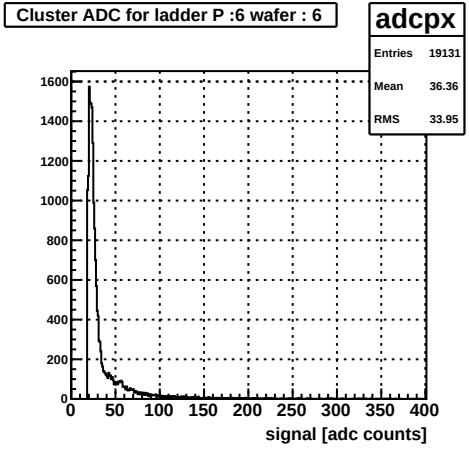

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 10000
Mean 70.28
RMS 58.72
signal [adc counts]

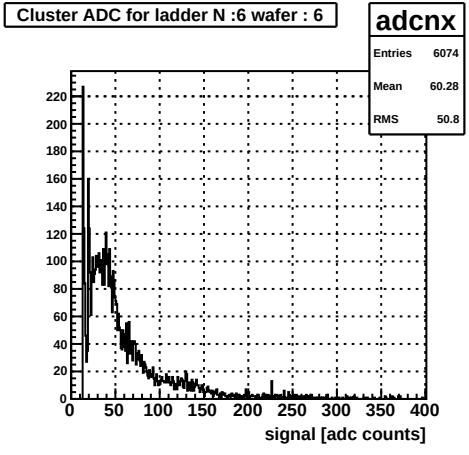

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 1799
Mean 42.67
RMS 40.23
signal [adc counts]

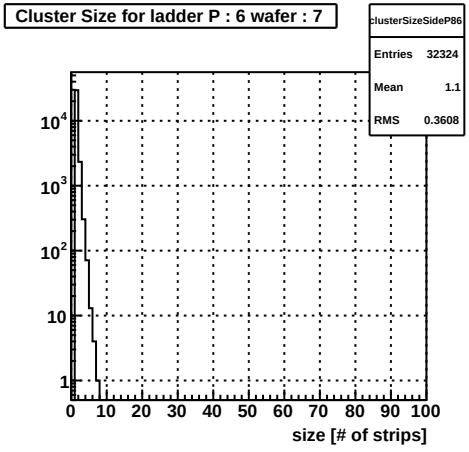

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 19131
Mean 1.095
RMS 0.3496
size [# of strips]

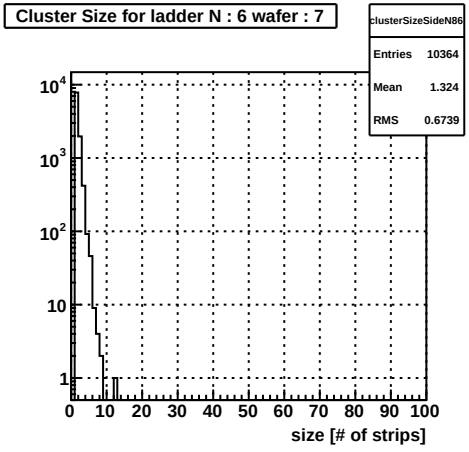

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 6074
Mean 1.671
RMS 1.053
size [# of strips]

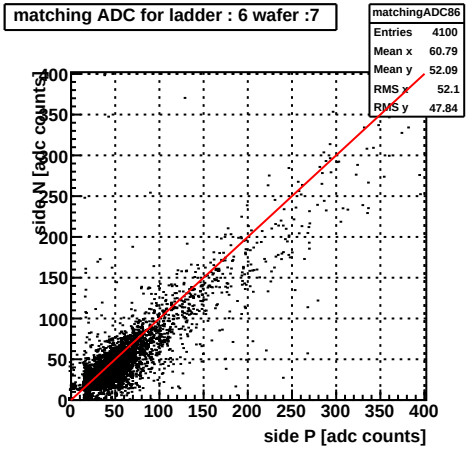

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 1913
Mean x 61.19
Mean y 55.08
RMS x 53.07
RMS y 45.6
side N [adc counts]
side P [adc counts]

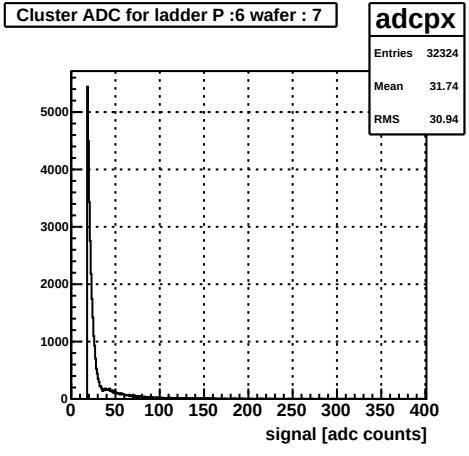

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 19131
Mean 36.36
RMS 33.95
signal [adc counts]

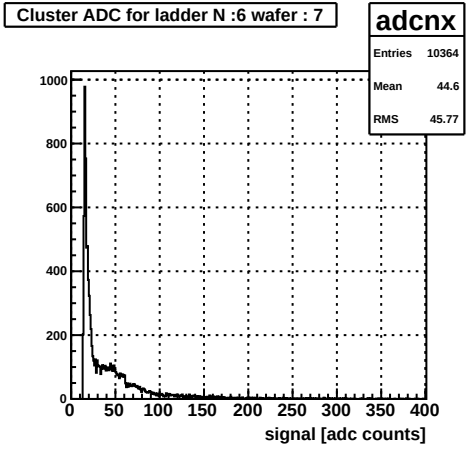

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 6074
Mean 60.28
RMS 50.8
signal [adc counts]

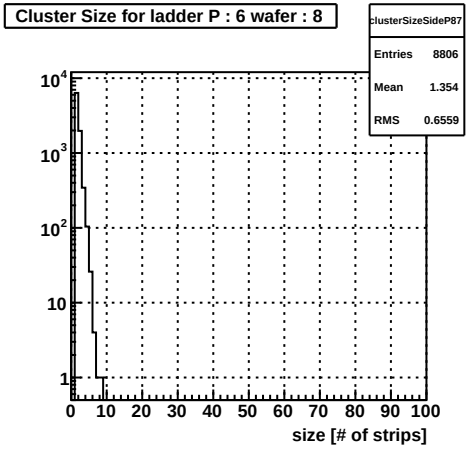

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 32324
Mean 1.1
RMS 0.3608
size [# of strips]

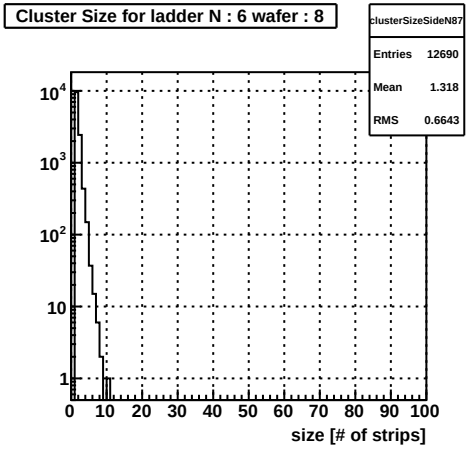

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 10364
Mean 1.324
RMS 0.6739
size [# of strips]

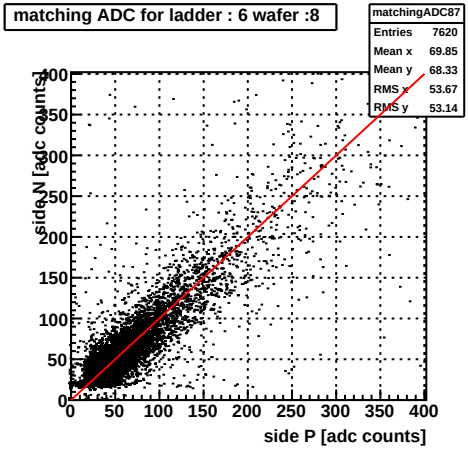

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 4100
Mean x 60.79
Mean y 52.09
RMS x 52.1
RMS y 47.84
side N [adc counts]
side P [adc counts]

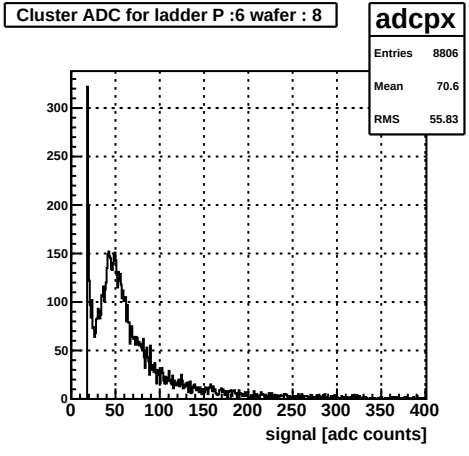

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 32324
Mean 31.74
RMS 30.94
signal [adc counts]

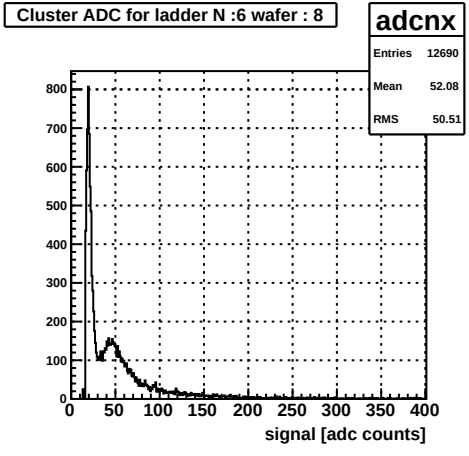

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 10364
Mean 44.6
RMS 45.77
signal [adc counts]

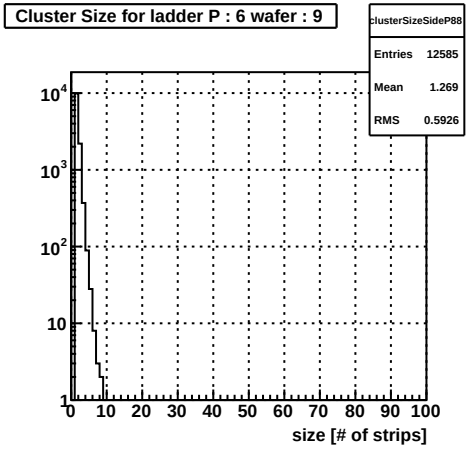

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 8806
Mean 1.354
RMS 0.6559
size [# of strips]

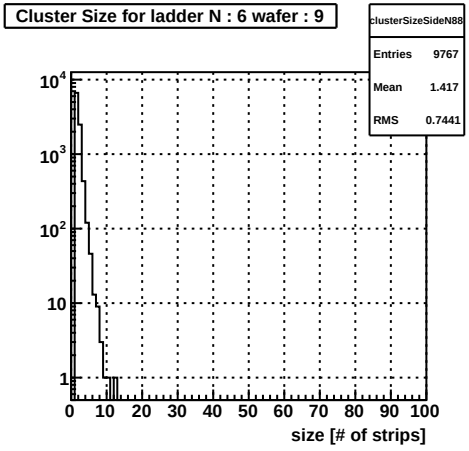

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 12690
Mean 1.318
RMS 0.6643
size [# of strips]

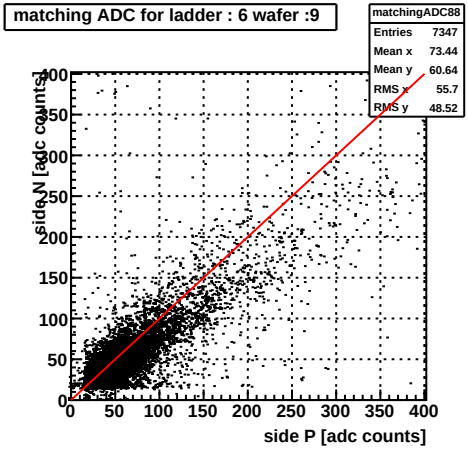

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 7620
Mean x 69.85
Mean y 68.33
RMS x 53.67
RMS y 53.14
side N [adc counts]
side P [adc counts]

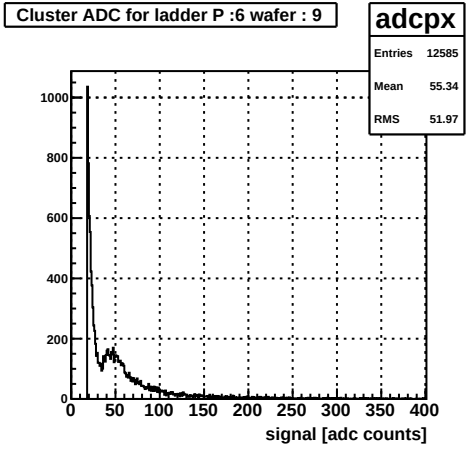

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 8806
Mean 70.6
RMS 55.83
signal [adc counts]

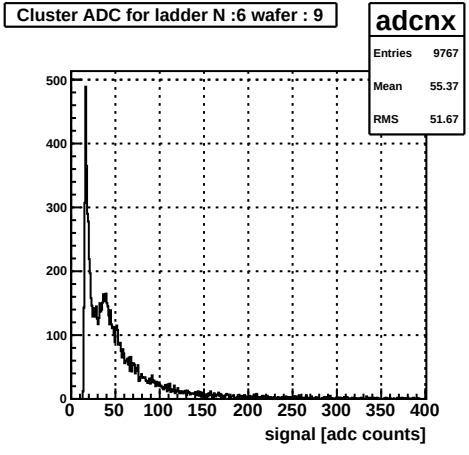

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 12690
Mean 52.08
RMS 50.51
signal [adc counts]

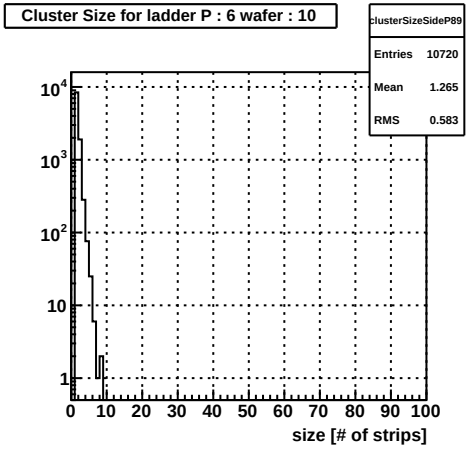

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 12585
Mean 1.269
RMS 0.5926
size [# of strips]

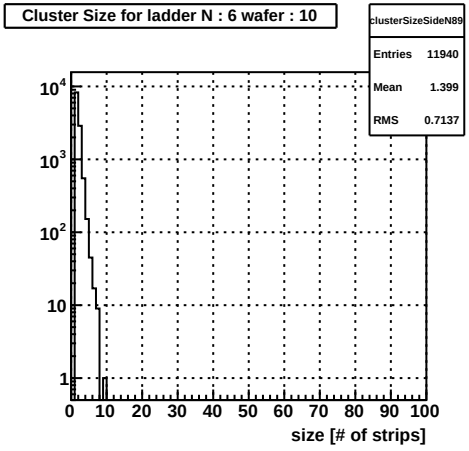

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 9767
Mean 1.417
RMS 0.7441
size [# of strips]

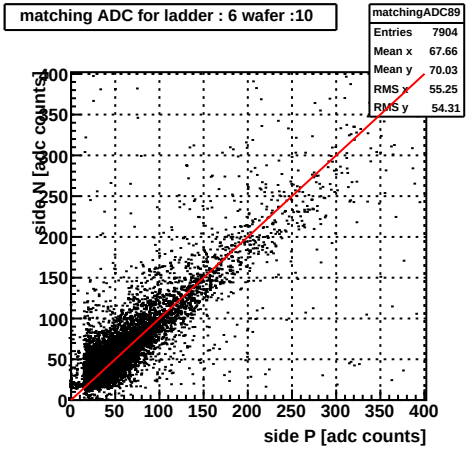

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 7347
Mean x 73.44
Mean y 60.64
RMS x 55.7
RMS y 48.52
side N [adc counts]
side P [adc counts]

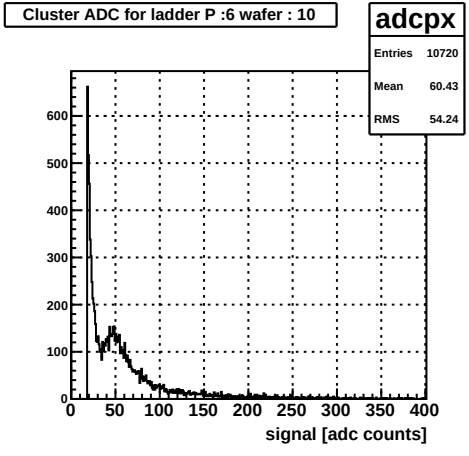

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 12585
Mean 55.34
RMS 51.97
signal [adc counts]

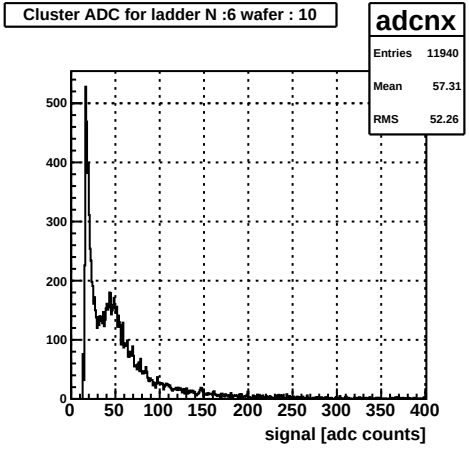

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 9767
Mean 55.37
RMS 51.67
signal [adc counts]

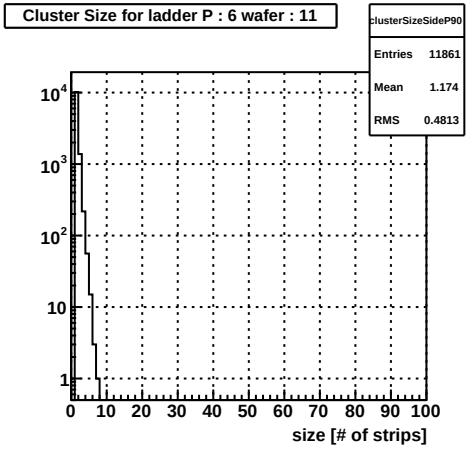

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 10720
Mean 1.265
RMS 0.583
size [# of strips]

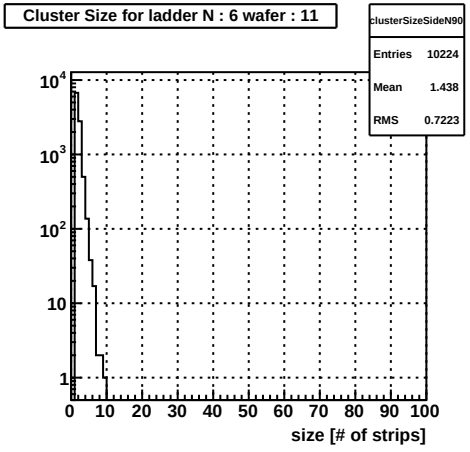

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 11940
Mean 1.399
RMS 0.7137
size [# of strips]

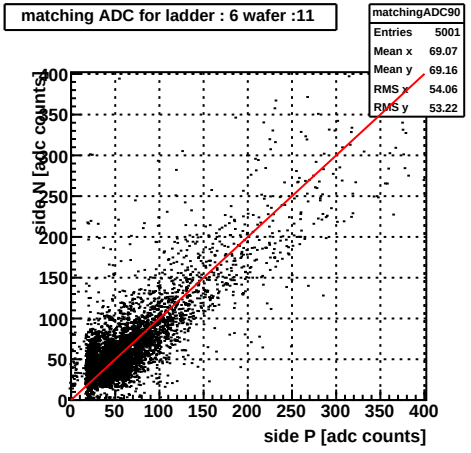

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 7904
Mean x 67.66
Mean y 70.03
RMS x 55.25
RMS y 54.31
side N [adc counts]
side P [adc counts]

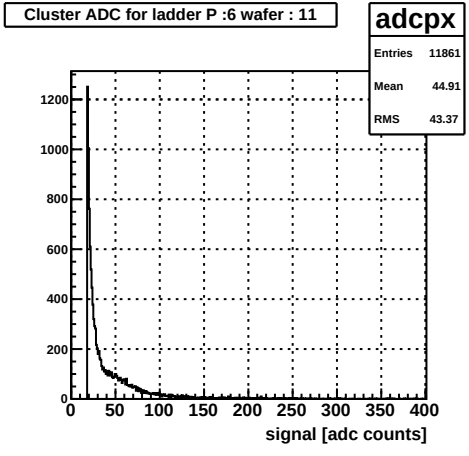

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 10720
Mean 60.43
RMS 54.24
signal [adc counts]

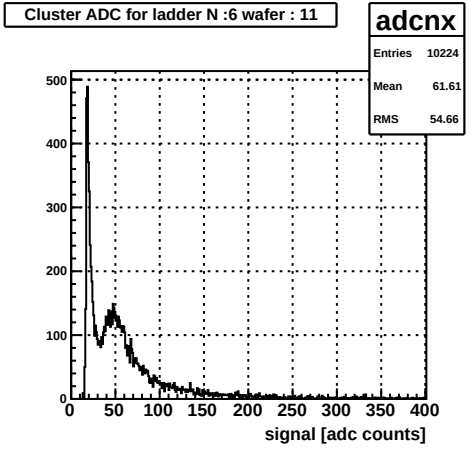

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 11940
Mean 57.31
RMS 52.26
signal [adc counts]

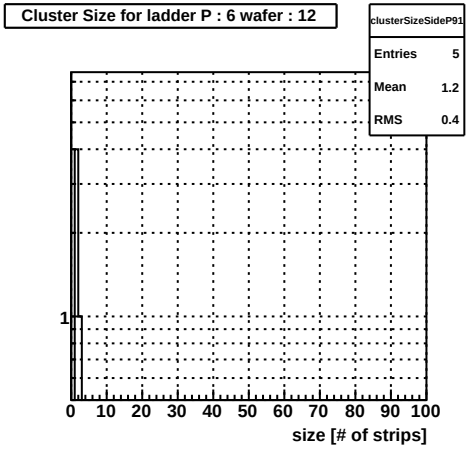

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 11861
Mean 1.174
RMS 0.4813
size [# of strips]

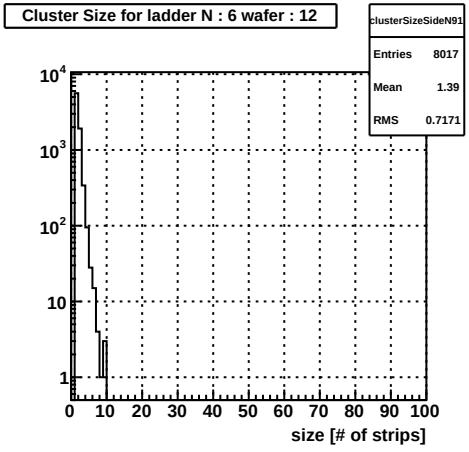

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 10224
Mean 1.438
RMS 0.7223
size [# of strips]

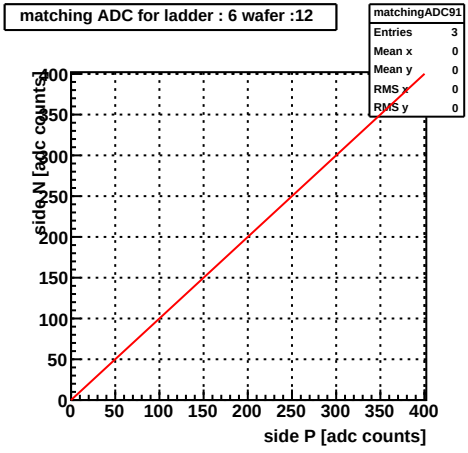

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 5001
Mean x 69.07
Mean y 69.16
RMS x 54.06
RMS y 53.22
side N [adc counts]
side P [adc counts]

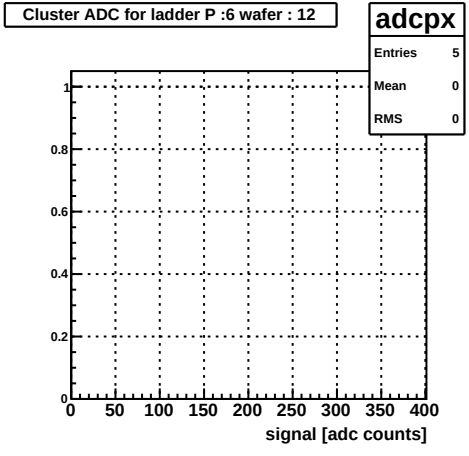

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 11861
Mean 44.91
RMS 43.37
signal [adc counts]

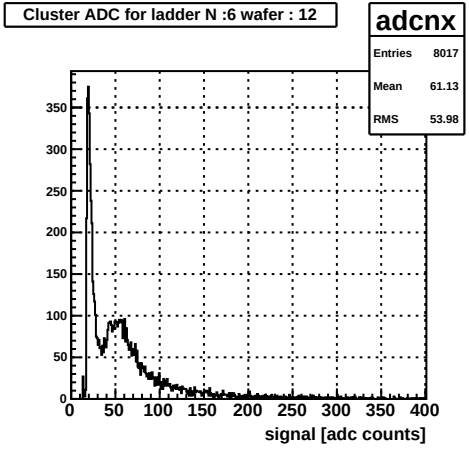

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 10224
Mean 61.61
RMS 54.66
signal [adc counts]

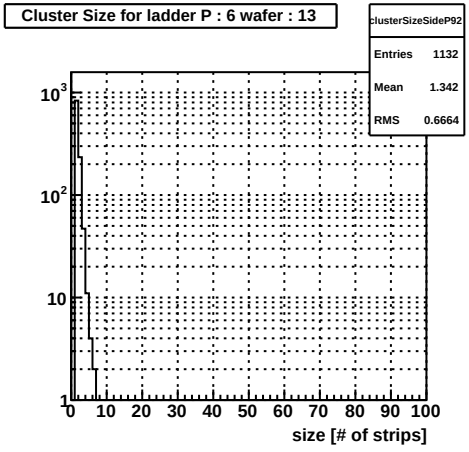

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 5
Mean 1.2
RMS 0.4
size [# of strips]

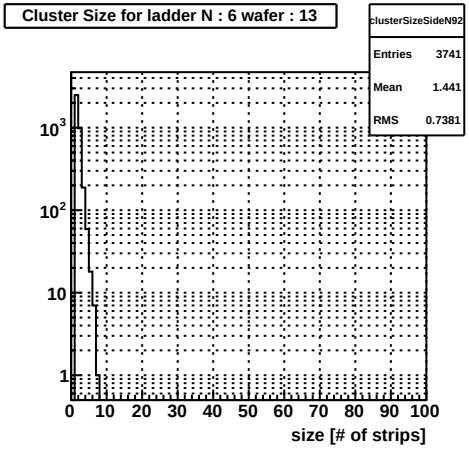

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 8017
Mean 1.39
RMS 0.7171
size [# of strips]

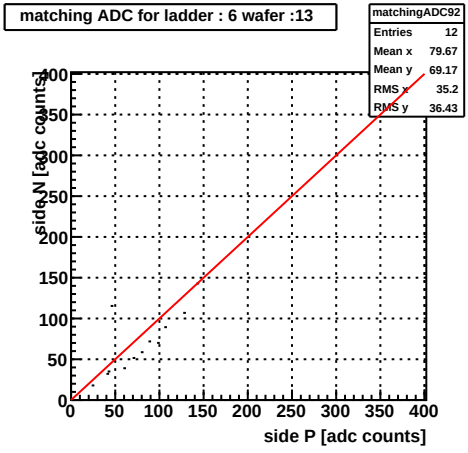

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

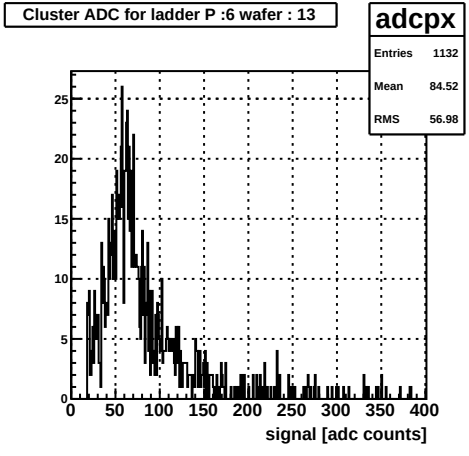

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

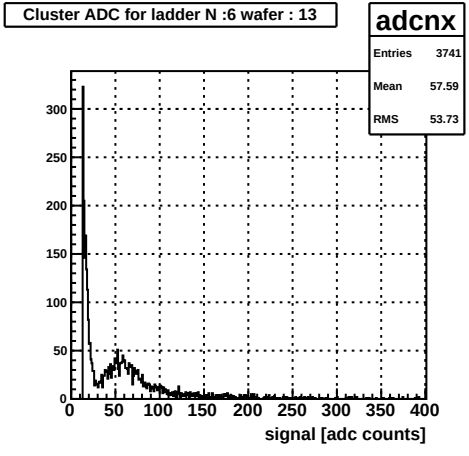

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 8017
Mean 61.13
RMS 53.98
signal [adc counts]

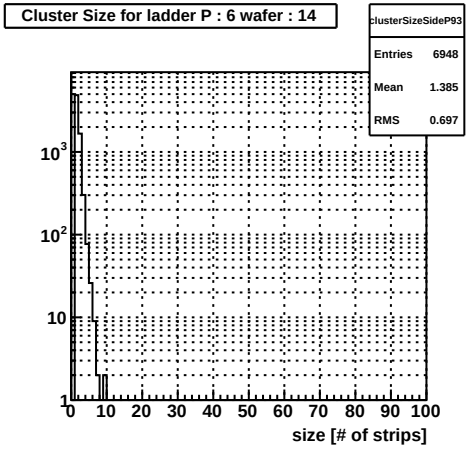

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 1132
Mean 1.342
RMS 0.6664
size [# of strips]

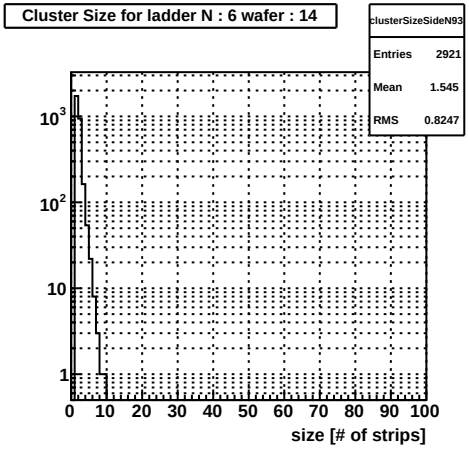

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 3741
Mean 1.441
RMS 0.7381
size [# of strips]

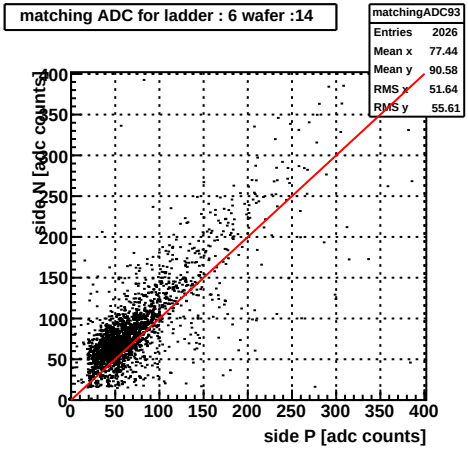

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 12
Mean x 79.67
Mean y 69.17
RMS x 35.2
RMS y 36.43
side N [adc counts]
side P [adc counts]

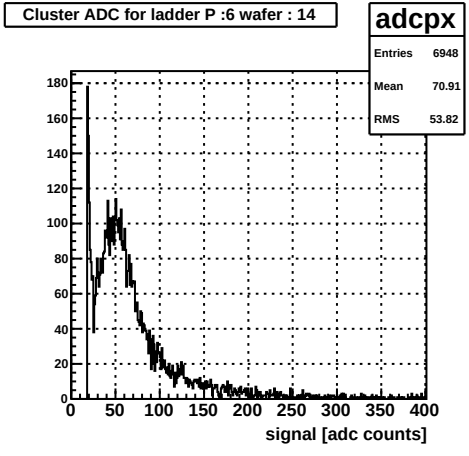

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 1132
Mean 84.52
RMS 56.98
signal [adc counts]

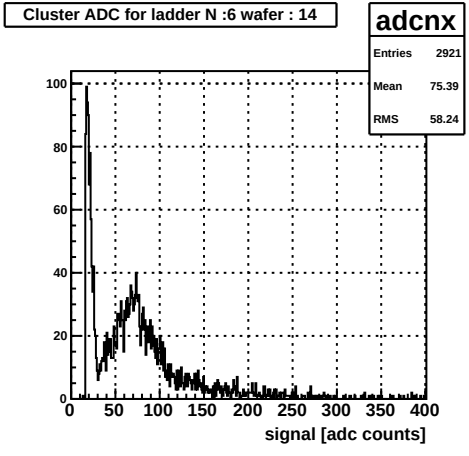

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 3741
Mean 57.59
RMS 53.73
signal [adc counts]

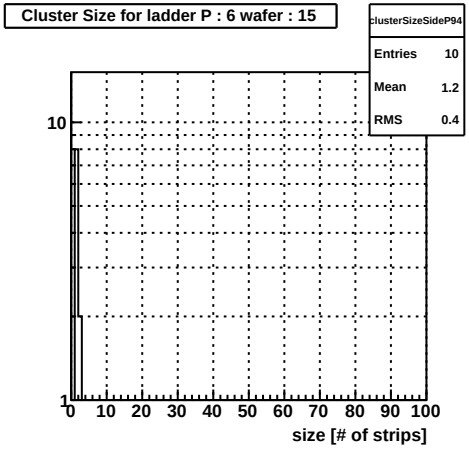

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 6948
Mean 1.385
RMS 0.697
size [# of strips]

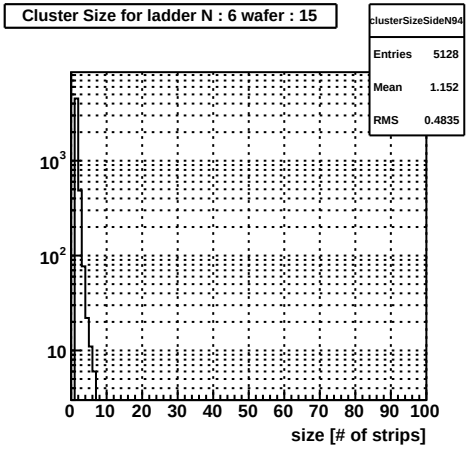

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 2921
Mean 1.545
RMS 0.8247
size [# of strips]

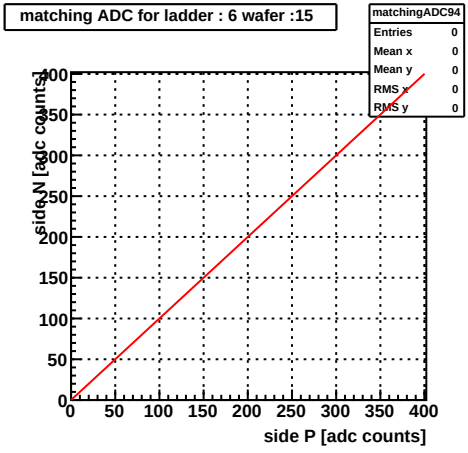

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 2026
Mean x 77.44
Mean y 90.58
RMS x 51.64
RMS y 55.61
side N [adc counts]
side P [adc counts]

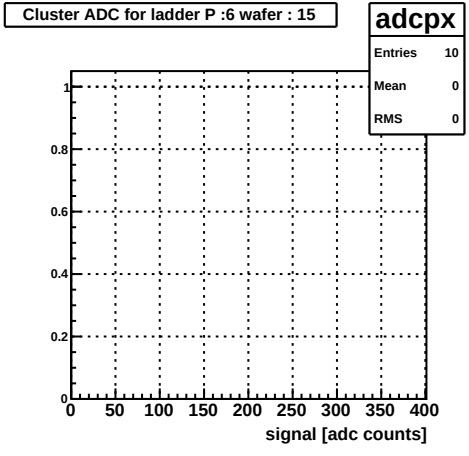

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 6948
Mean 70.91
RMS 53.82
signal [adc counts]

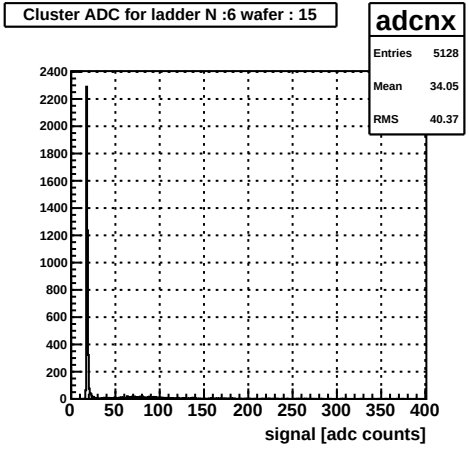

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 2921
Mean 75.39
RMS 58.24
signal [adc counts]

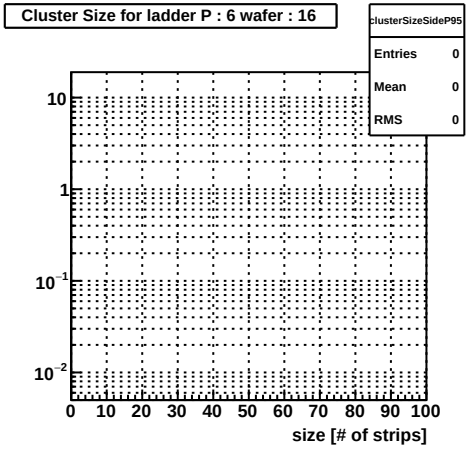

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 10
Mean 1.2
RMS 0.4
size [# of strips]

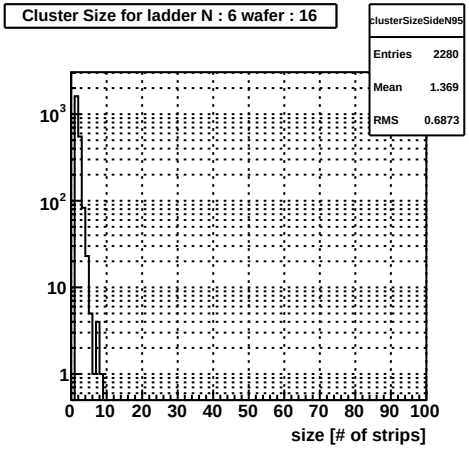

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 5128
Mean 1.152
RMS 0.4835
size [# of strips]

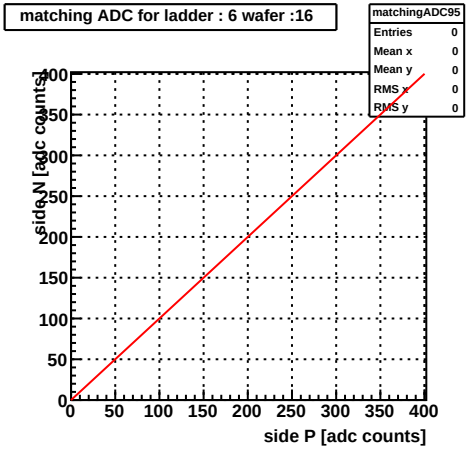

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

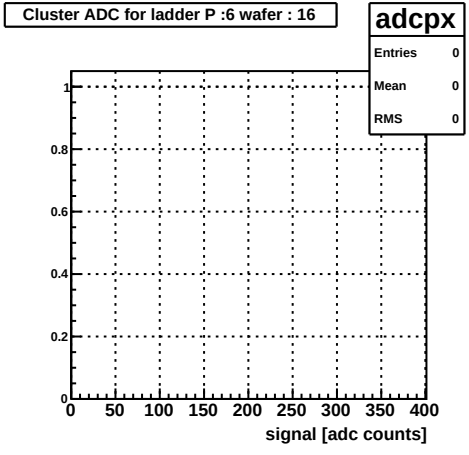

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 10
Mean 0
RMS 0
signal [adc counts]

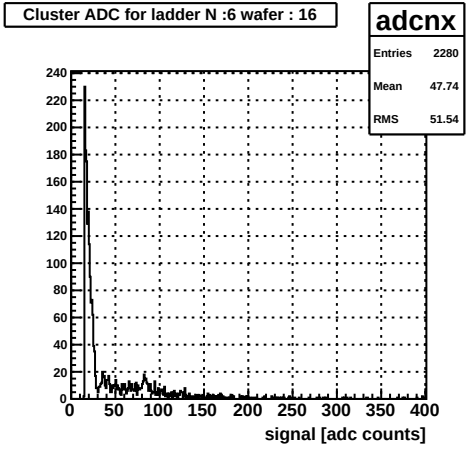

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 5128
Mean 34.05
RMS 40.37
signal [adc counts]

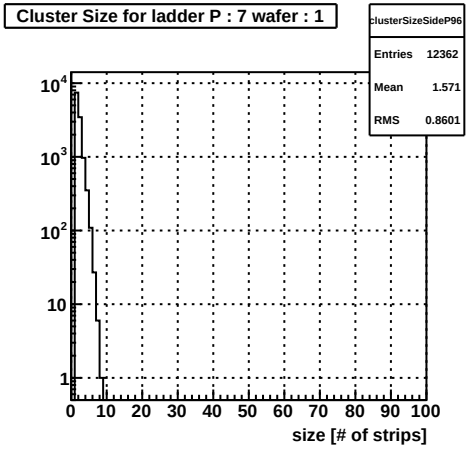

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

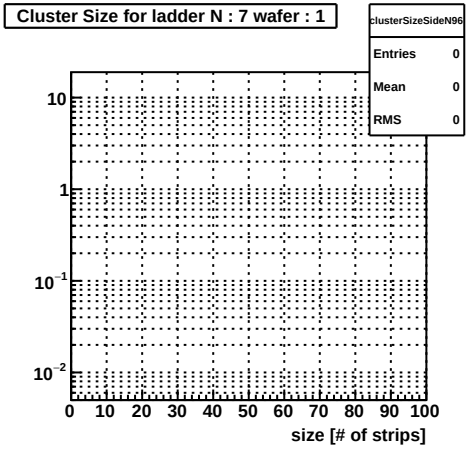

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 2280
Mean 1.369
RMS 0.6873
size [# of strips]

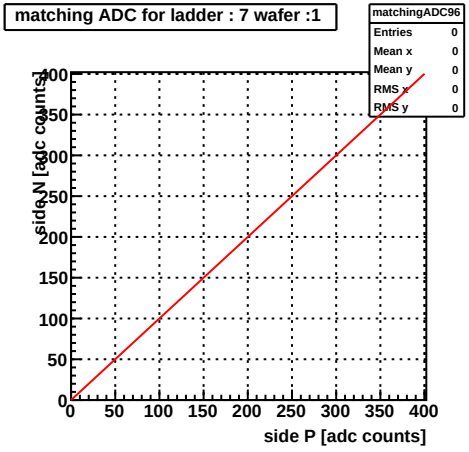

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

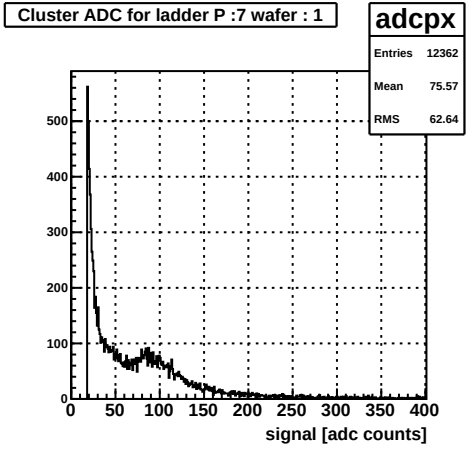

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

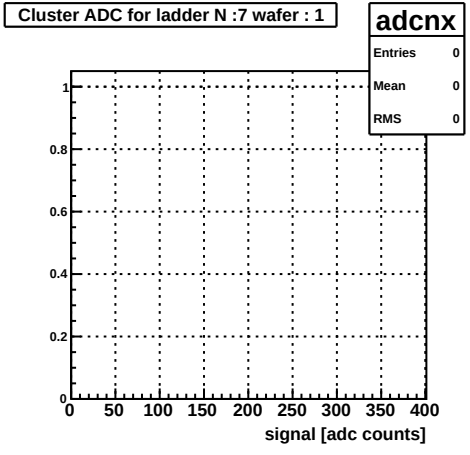

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 2280
Mean 47.74
RMS 51.54
signal [adc counts]

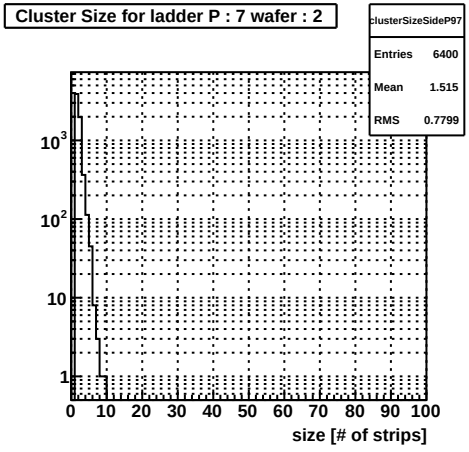

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 12362
Mean 1.571
RMS 0.8601
size [# of strips]

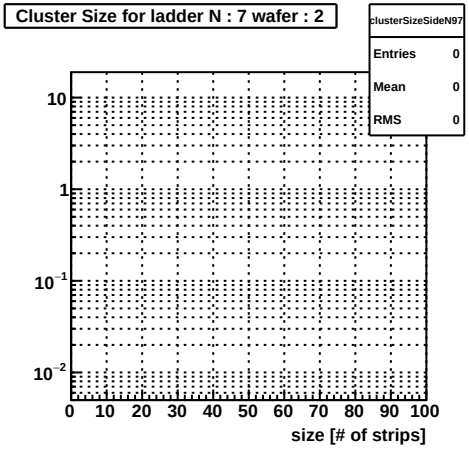

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

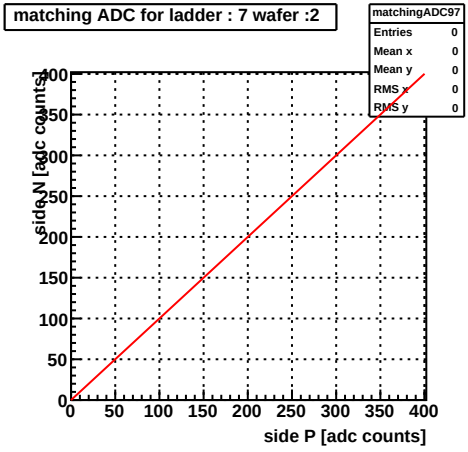

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

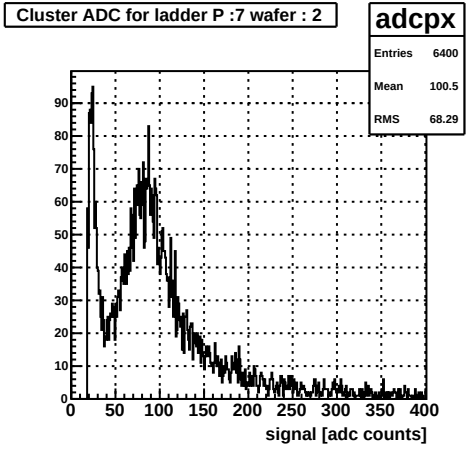

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 12362
Mean 75.57
RMS 62.64
signal [adc counts]

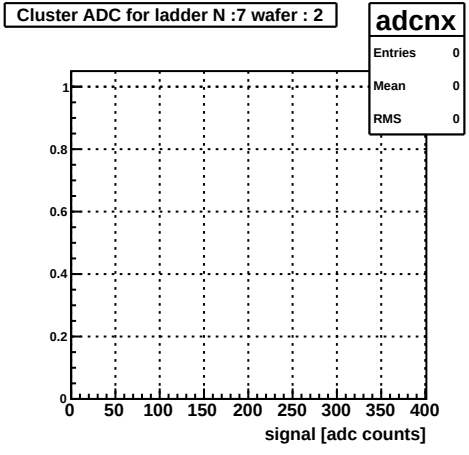

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

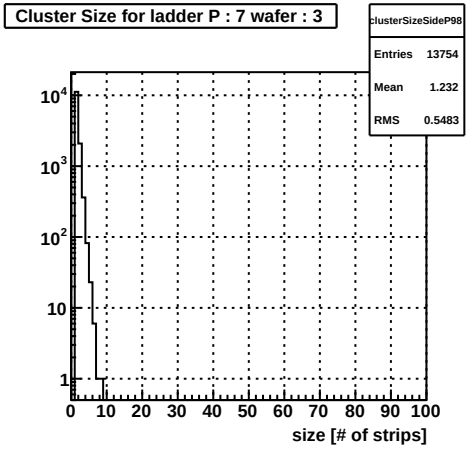

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 6400
Mean 1.515
RMS 0.7799
size [# of strips]

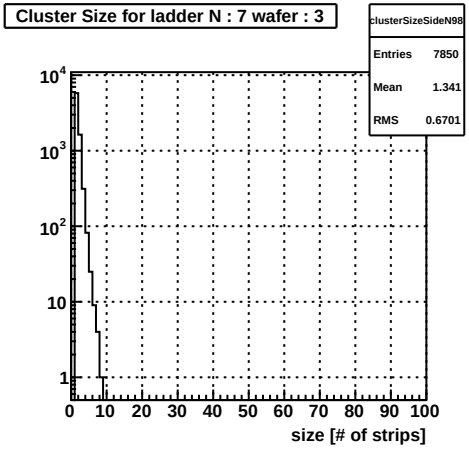

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

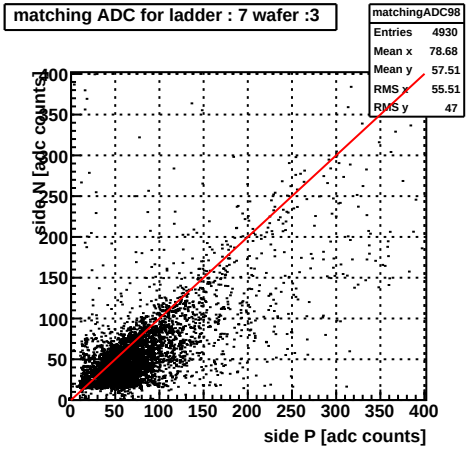

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

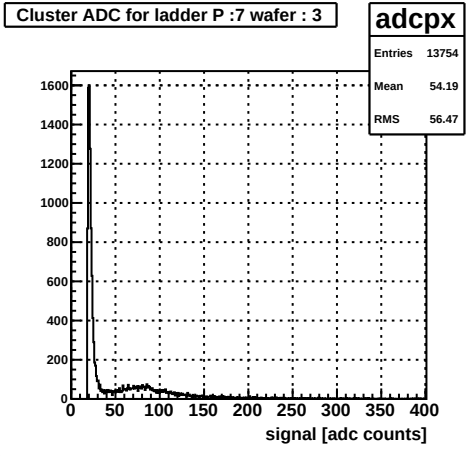

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 6400
Mean 100.5
RMS 68.29
signal [adc counts]

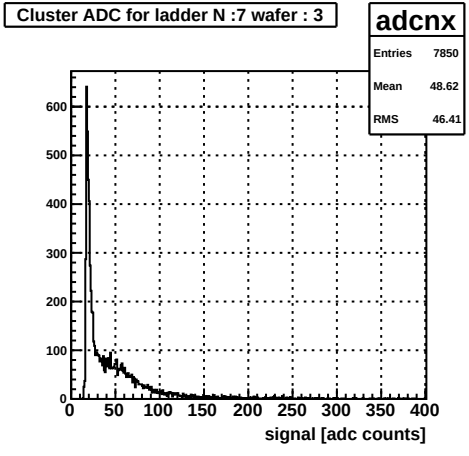

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

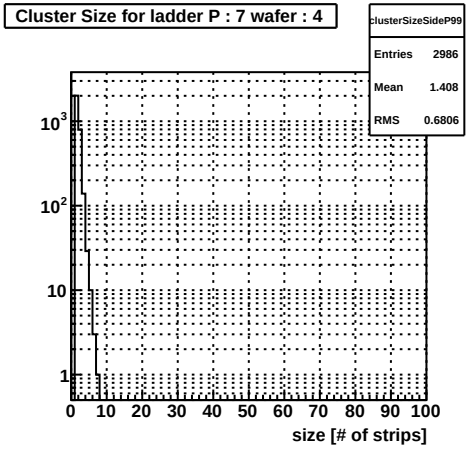

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 13754
Mean 1.232
RMS 0.5483
size [# of strips]

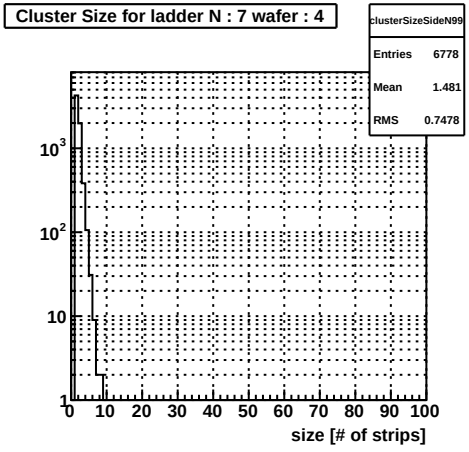

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 7850
Mean 1.341
RMS 0.6701
size [# of strips]

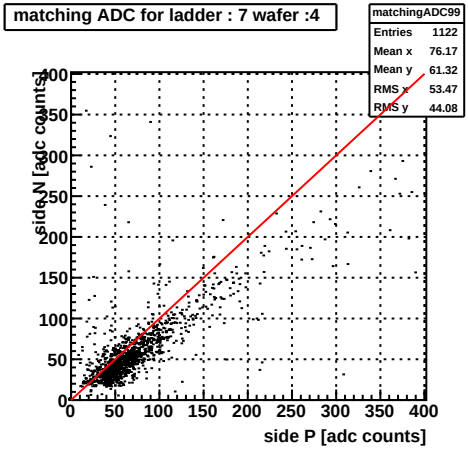

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 4930
Mean x 78.68
Mean y 57.51
RMS x 55.51
RMS y 47
side N [adc counts]
side P [adc counts]

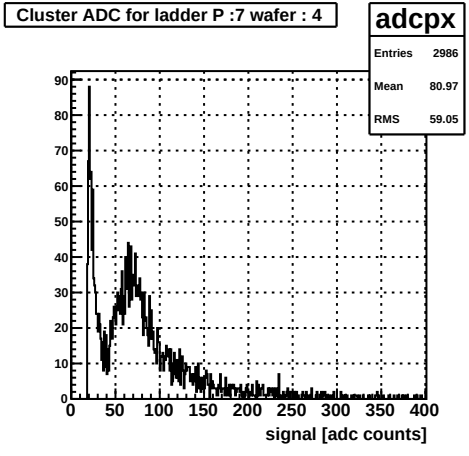

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 13754
Mean 54.19
RMS 56.47
signal [adc counts]

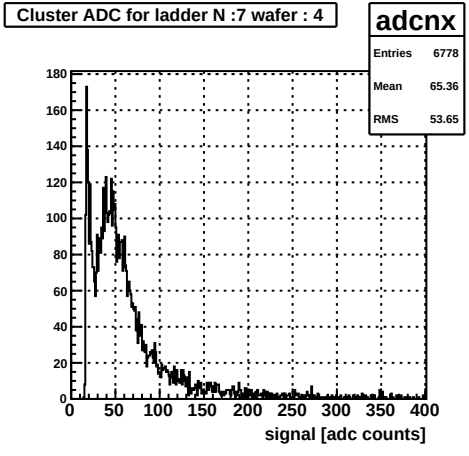

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 7850
Mean 48.62
RMS 46.41
signal [adc counts]

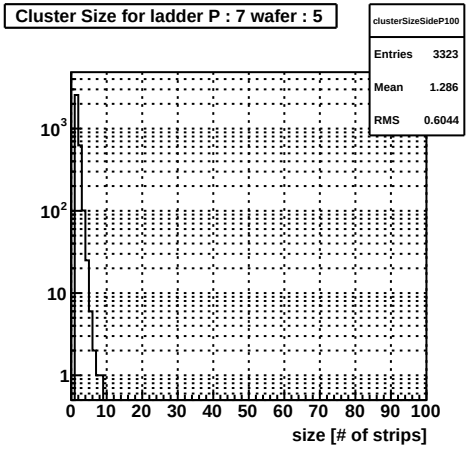

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2986
Mean 1.408
RMS 0.6806
size [# of strips]

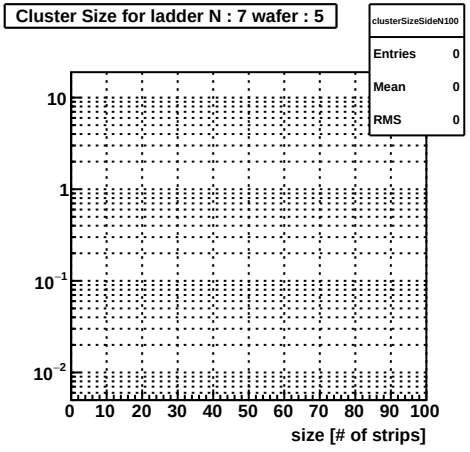

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 6778
Mean 1.481
RMS 0.7478
size [# of strips]

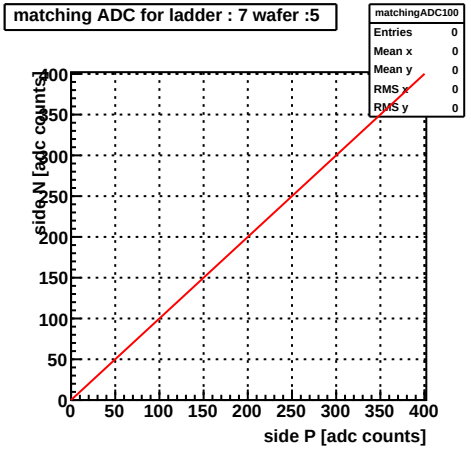

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 1122
Mean x 76.17
Mean y 61.32
RMS x 53.47
RMS y 44.08
side N [adc counts]
side P [adc counts]

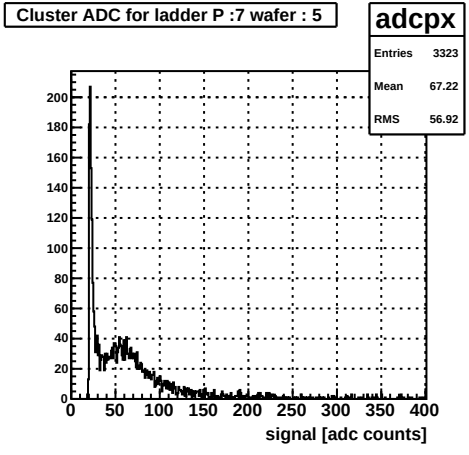

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2986
Mean 80.97
RMS 59.05
signal [adc counts]

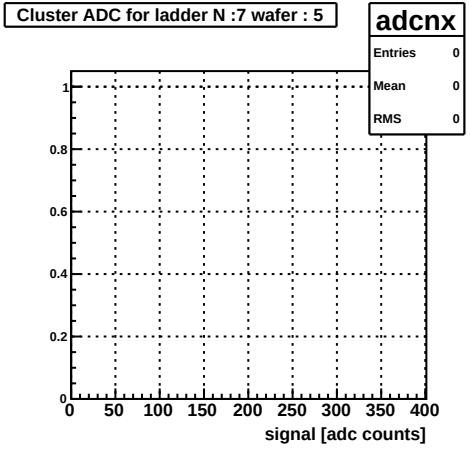

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 6778
Mean 65.36
RMS 53.65
signal [adc counts]

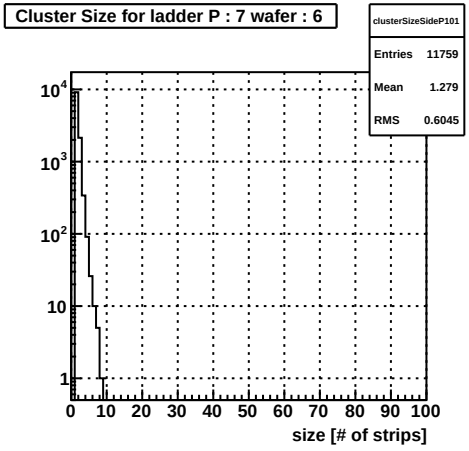

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 3323
Mean 1.286
RMS 0.6044
size [# of strips]

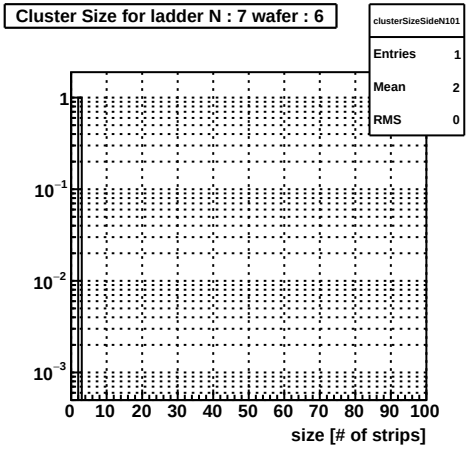

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

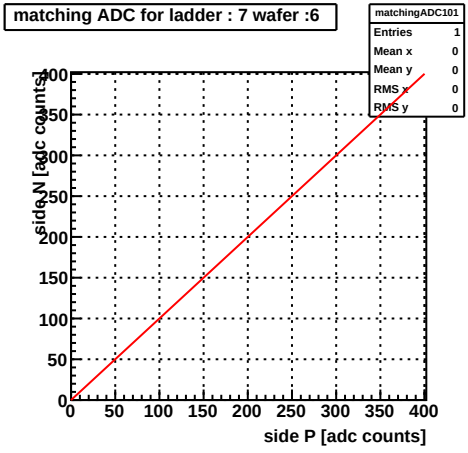

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

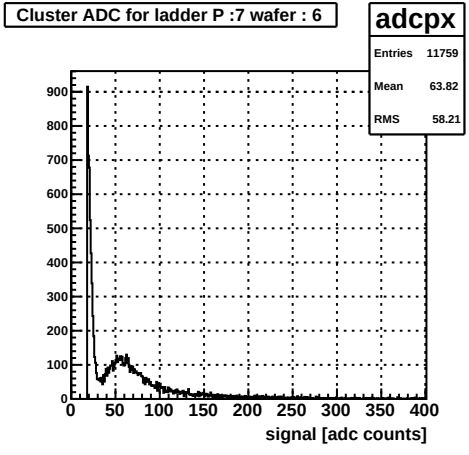

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 3323
Mean 67.22
RMS 56.92
signal [adc counts]

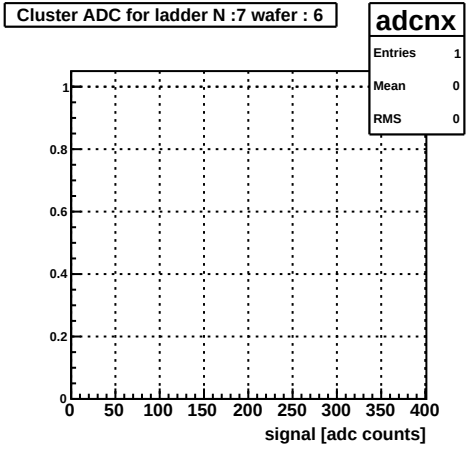

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

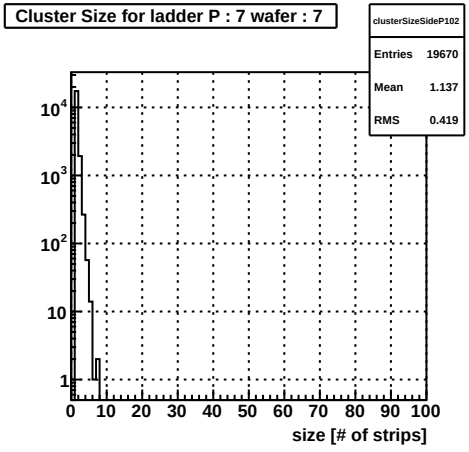

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 11759
Mean 1.279
RMS 0.6045
size [# of strips]

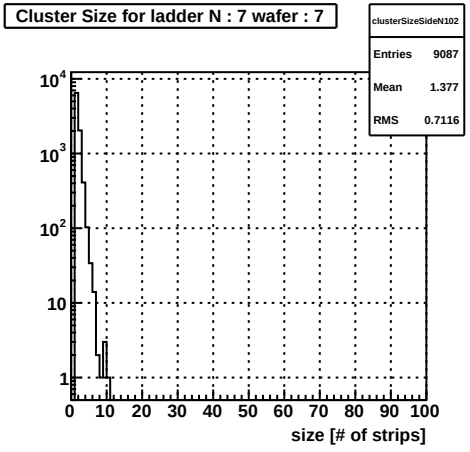

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 1
Mean 2
RMS 0
size [# of strips]

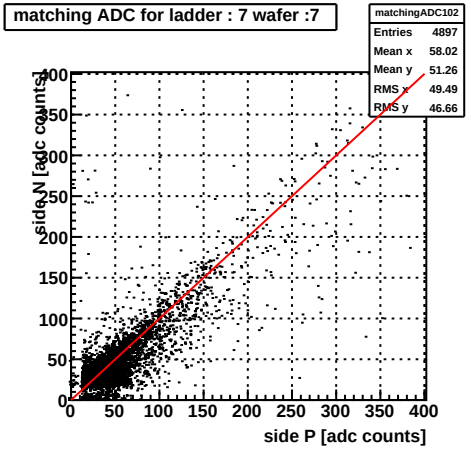

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

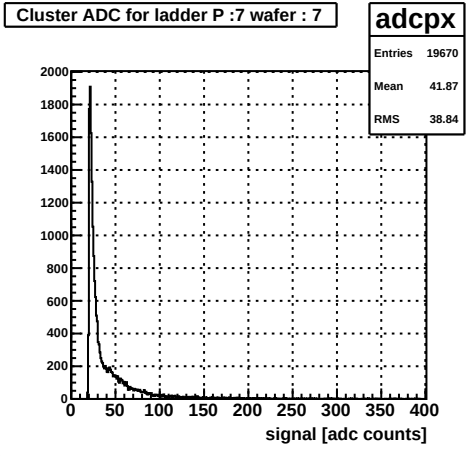

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 11759
Mean 63.82
RMS 58.21
signal [adc counts]

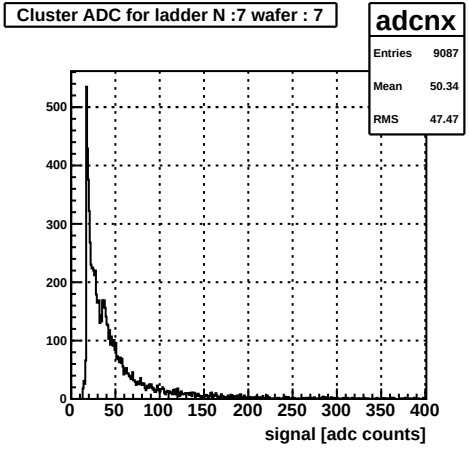

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

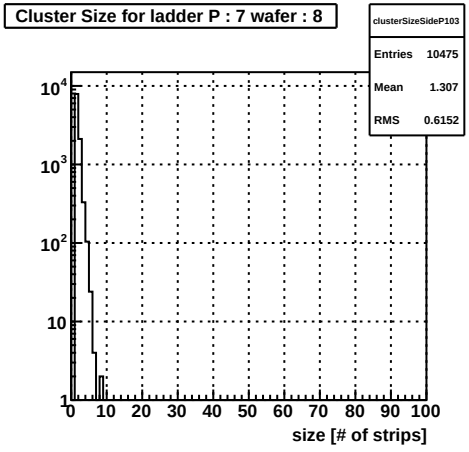

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 19670
Mean 1.137
RMS 0.419
size [# of strips]

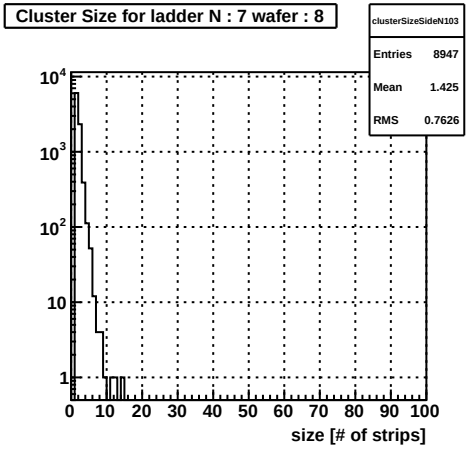

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 9087
Mean 1.377
RMS 0.7116
size [# of strips]

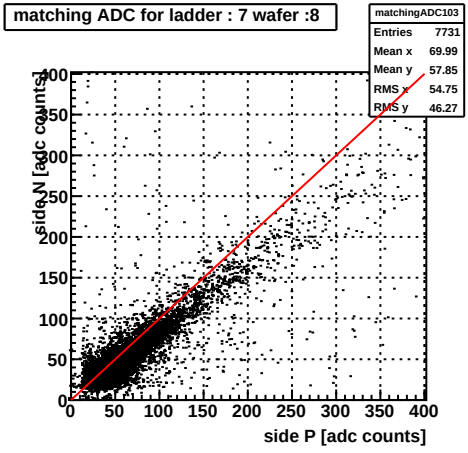

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 4897
Mean x 58.02
Mean y 51.26
RMS x 49.49
RMS y 46.66
side N [adc counts]
side P [adc counts]

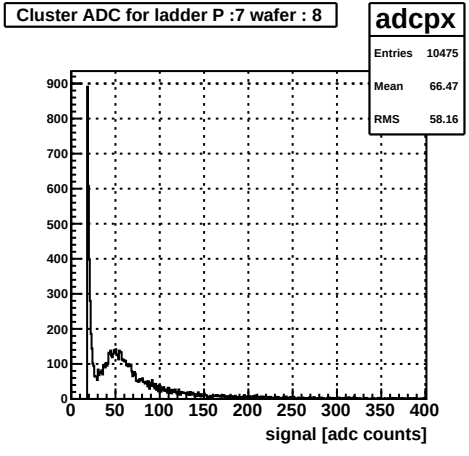

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 19670
Mean 41.87
RMS 38.84
signal [adc counts]

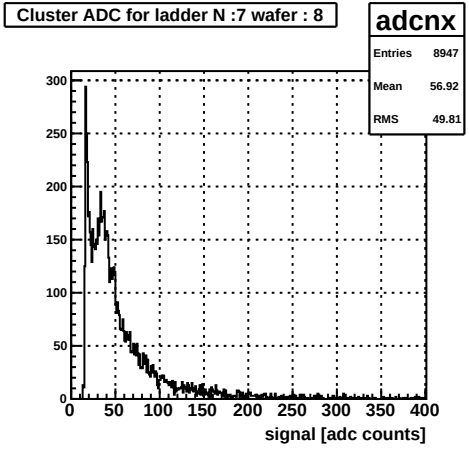

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 9087
Mean 50.34
RMS 47.47
signal [adc counts]

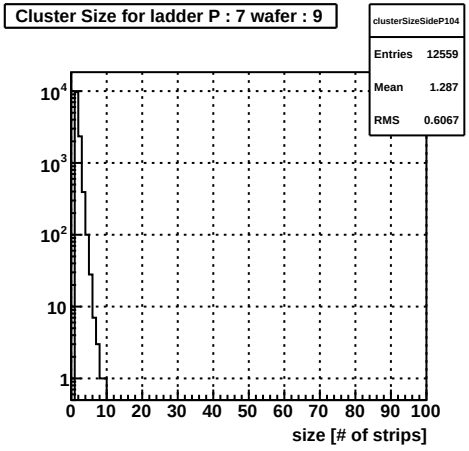

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 10475
Mean 1.307
RMS 0.6152
size [# of strips]

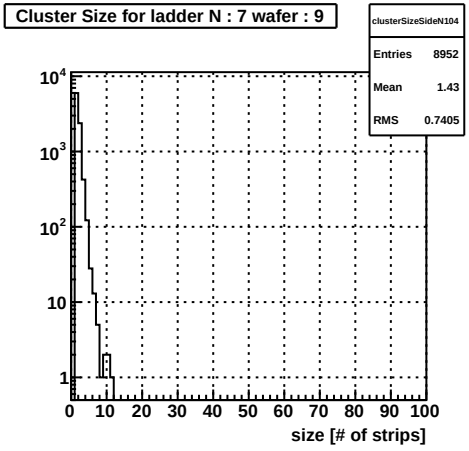

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 8947
Mean 1.425
RMS 0.7626
size [# of strips]

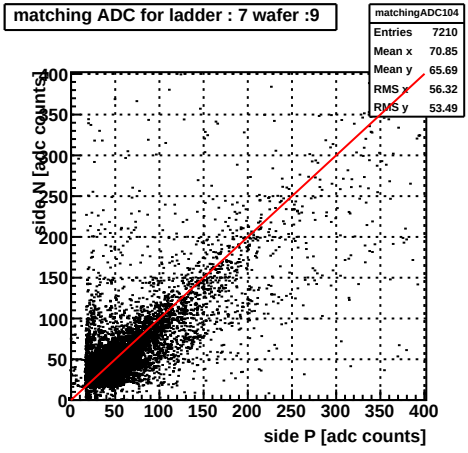

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 7731
Mean x 69.99
Mean y 57.85
RMS x 54.75
RMS y 46.27
side N [adc counts]
side P [adc counts]

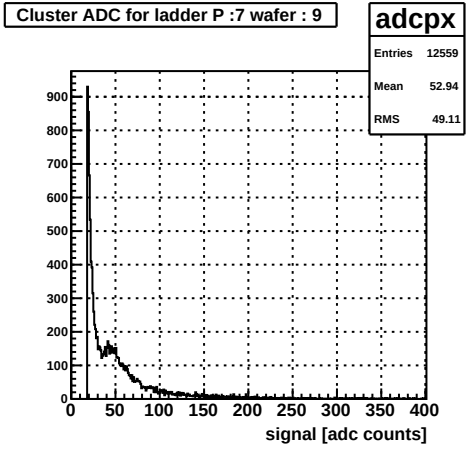

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 10475
Mean 66.47
RMS 58.16
signal [adc counts]

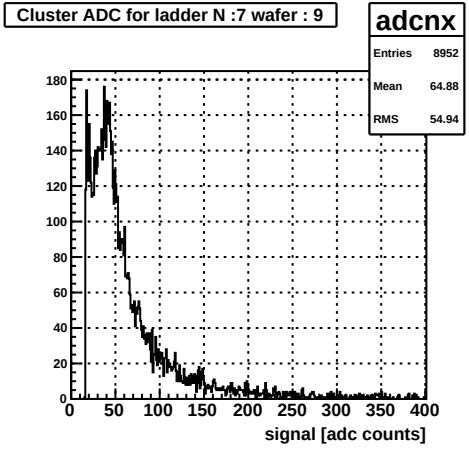

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 8947
Mean 56.92
RMS 49.81
signal [adc counts]

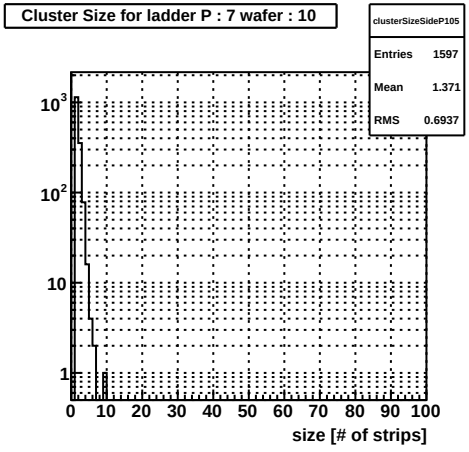

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 12559
Mean 1.287
RMS 0.6067
size [# of strips]

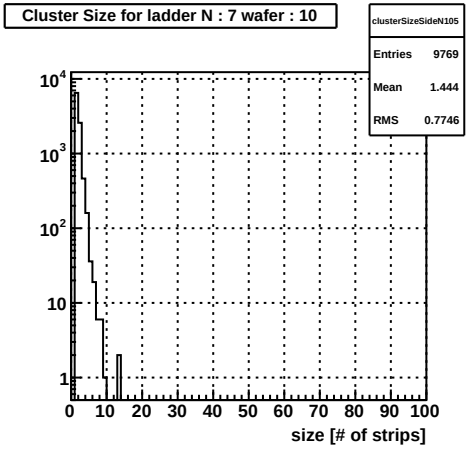

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 8952
Mean 1.43
RMS 0.7405
size [# of strips]

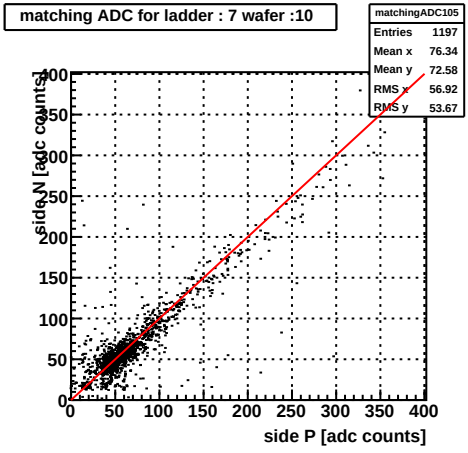

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 7210
Mean x 70.85
Mean y 65.69
RMS x 56.32
RMS y 53.49
side N [adc counts]
side P [adc counts]

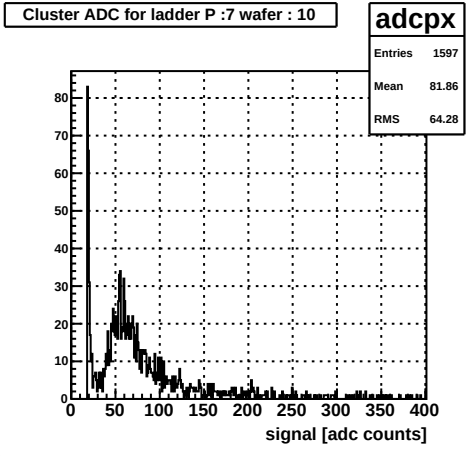

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 12559
Mean 52.94
RMS 49.11
signal [adc counts]

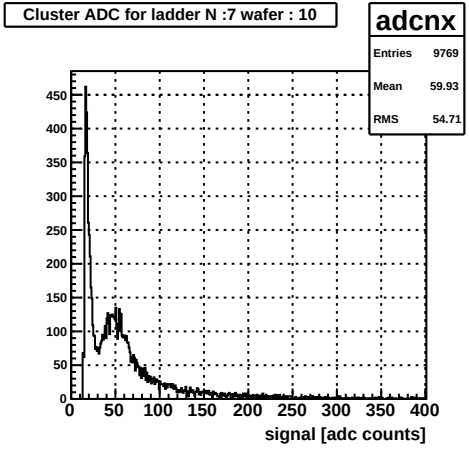

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 8952
Mean 64.88
RMS 54.94
signal [adc counts]

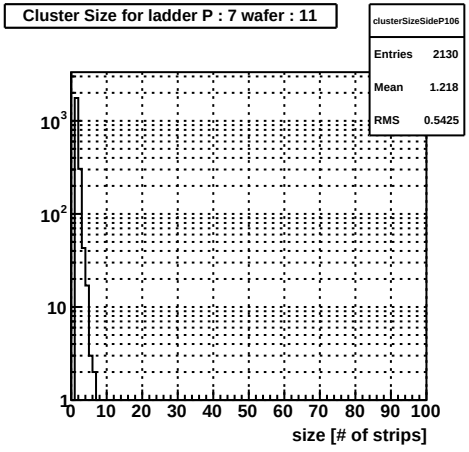

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 1597
Mean 1.371
RMS 0.6937
size [# of strips]

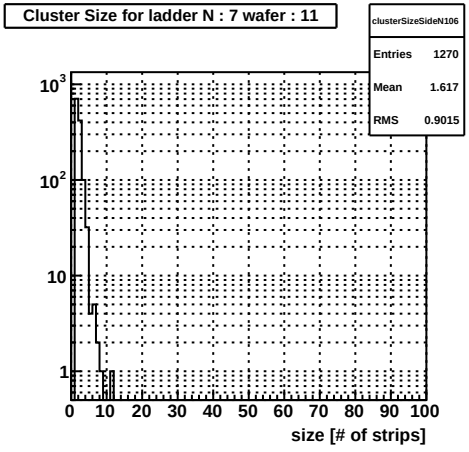

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 9769
Mean 1.444
RMS 0.7746
size [# of strips]

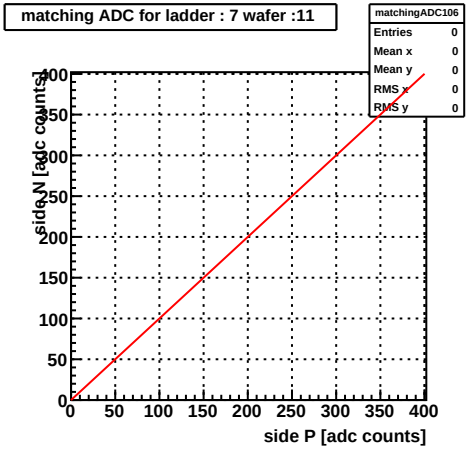

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 1197
Mean x 76.34
Mean y 72.58
RMS x 56.92
RMS y 53.67
side N [adc counts]
side P [adc counts]

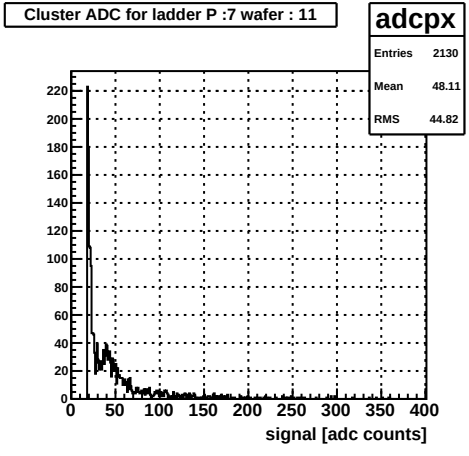

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 1597
Mean 81.86
RMS 64.28
signal [adc counts]

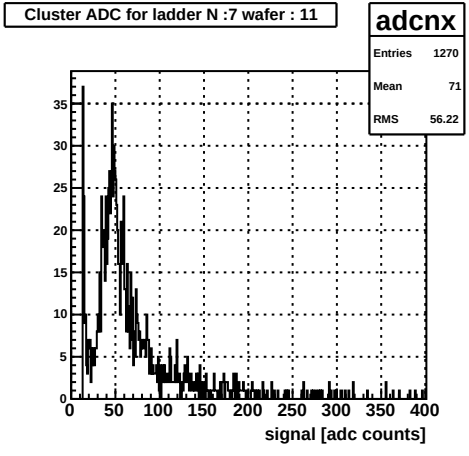

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 9769
Mean 59.93
RMS 54.71
signal [adc counts]

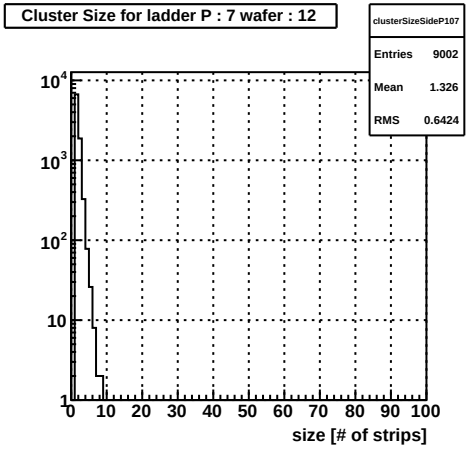

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 2130
Mean 1.218
RMS 0.5425
size [# of strips]

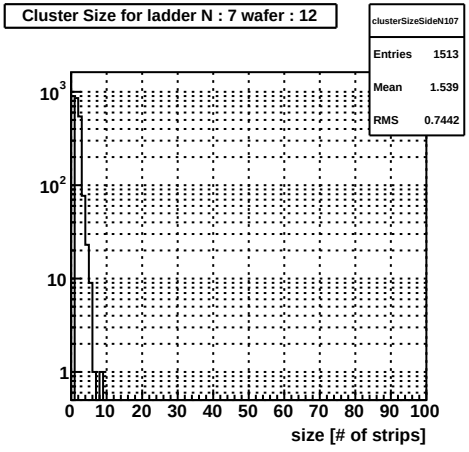

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 1270
Mean 1.617
RMS 0.9015
size [# of strips]

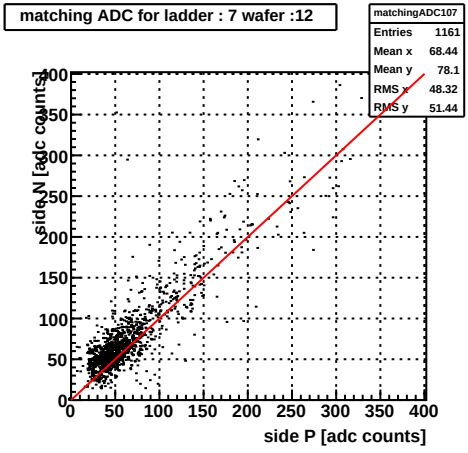

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

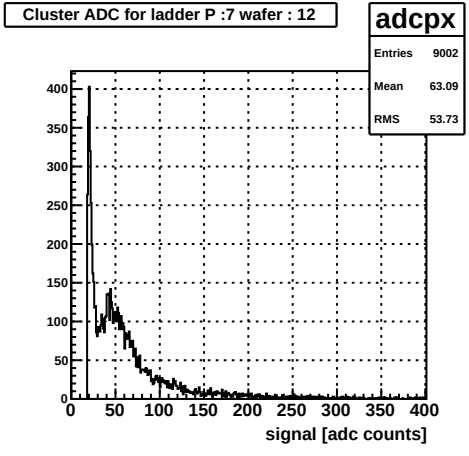

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 2130
Mean 48.11
RMS 44.82
signal [adc counts]

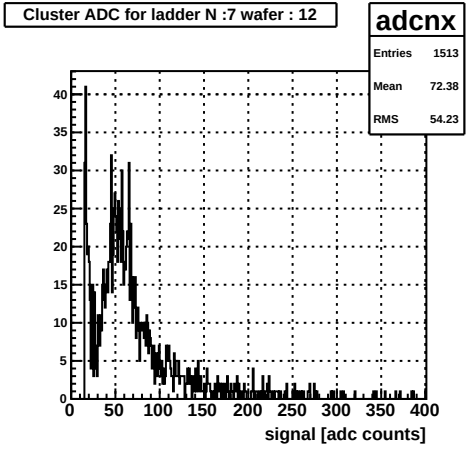

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 1270
Mean 71
RMS 56.22
signal [adc counts]

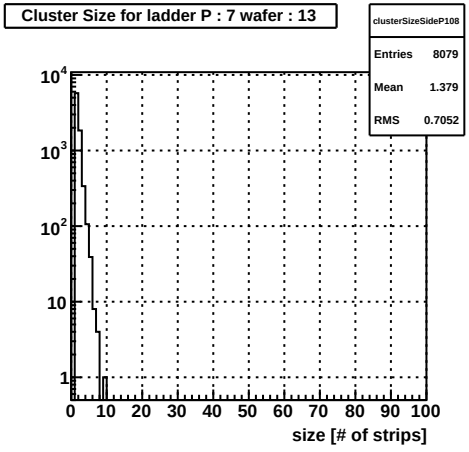

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 9002
Mean 1.326
RMS 0.6424
size [# of strips]

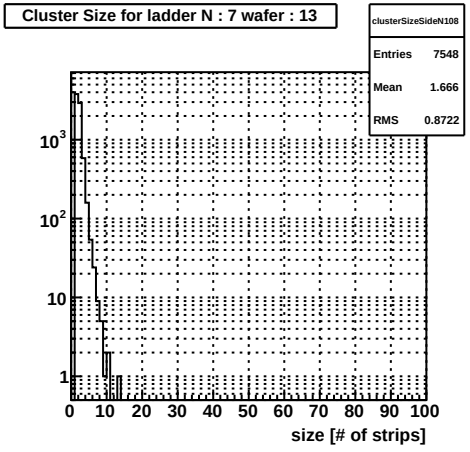

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 1513
Mean 1.539
RMS 0.7442
size [# of strips]

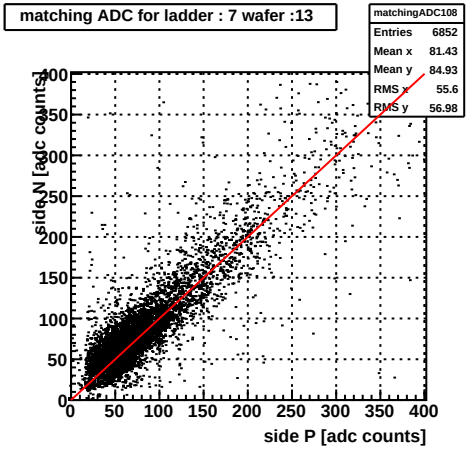

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 1161
Mean x 68.44
Mean y 78.1
RMS x 48.32
RMS y 51.44
side N [adc counts]
side P [adc counts]

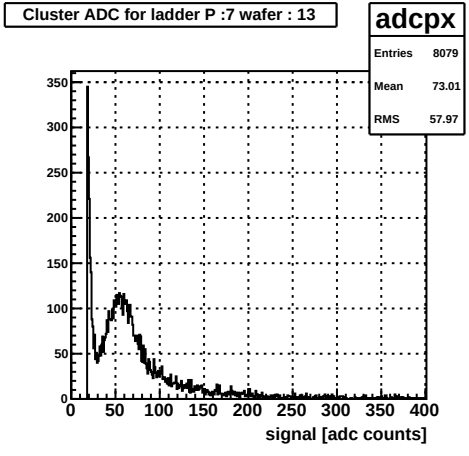

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 9002
Mean 63.09
RMS 53.73
signal [adc counts]

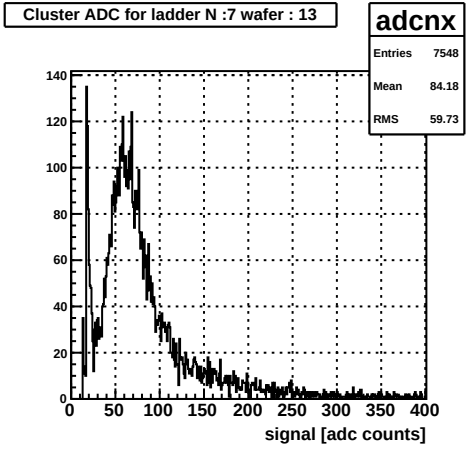

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 1513
Mean 72.38
RMS 54.23
signal [adc counts]

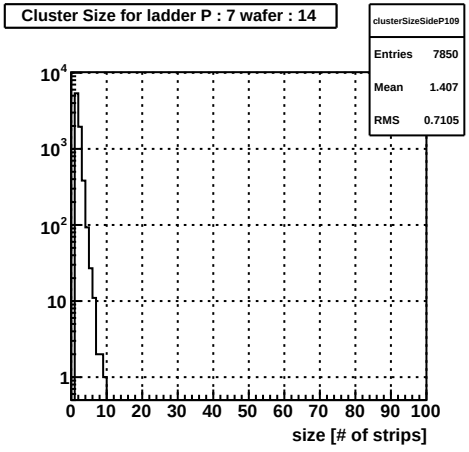

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 8079
Mean 1.379
RMS 0.7052
size [# of strips]

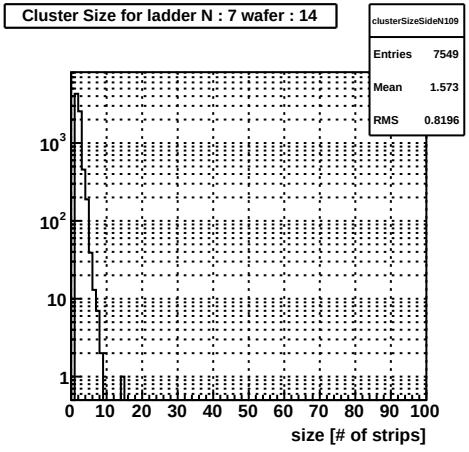

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 7548
Mean 1.666
RMS 0.8722
size [# of strips]

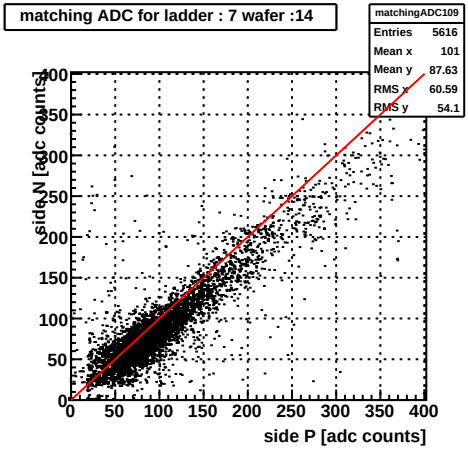

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 6852
Mean x 81.43
Mean y 84.93
RMS x 55.6
RMS y 56.98
side N [adc counts]
side P [adc counts]

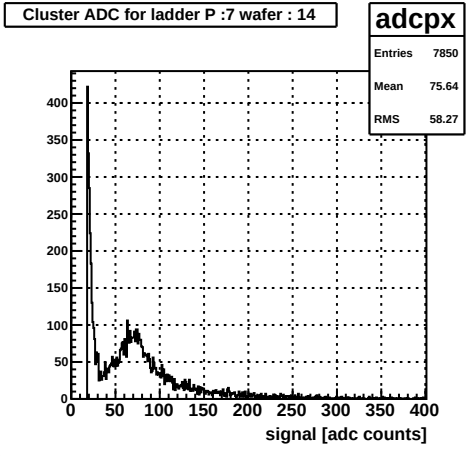

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 8079
Mean 73.01
RMS 57.97
signal [adc counts]

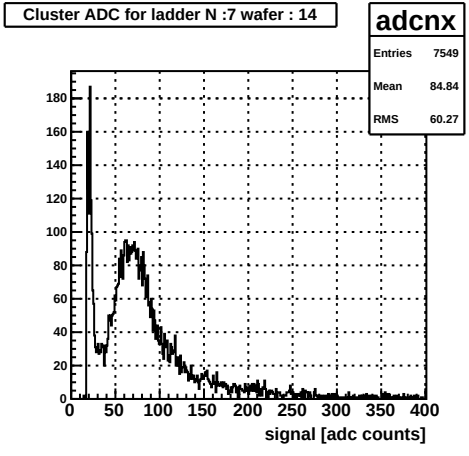

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 7548
Mean 84.18
RMS 59.73
signal [adc counts]

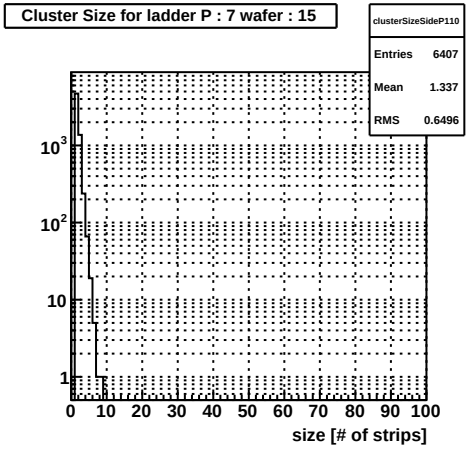

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 7850
Mean 1.407
RMS 0.7105
size [# of strips]

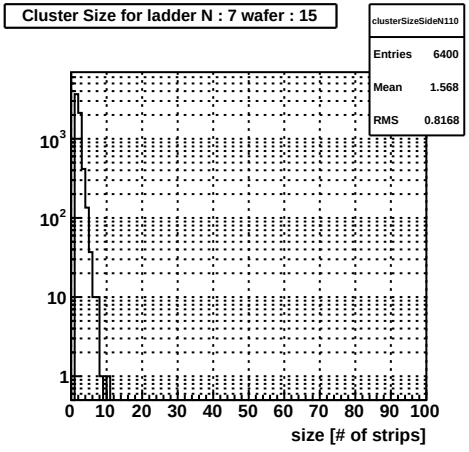

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 7549
Mean 1.573
RMS 0.8196
size [# of strips]

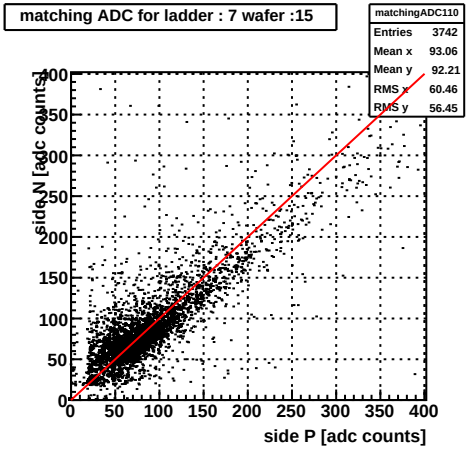

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 5616
Mean x 101
Mean y 87.63
RMS x 60.59
RMS y 54.1
side N [adc counts]
side P [adc counts]

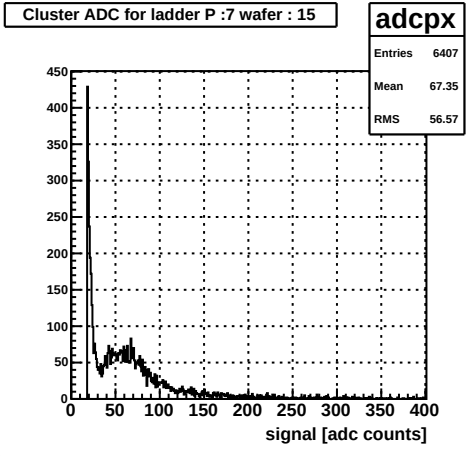

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 7850
Mean 75.64
RMS 58.27
signal [adc counts]

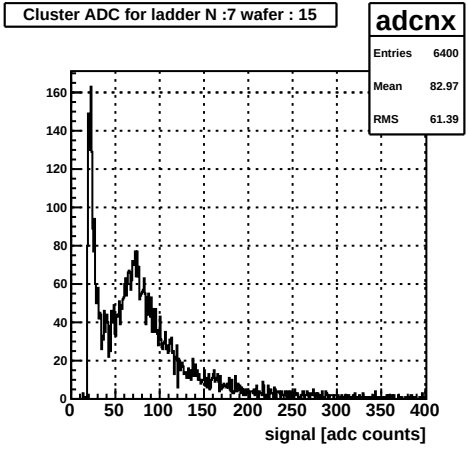

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 7549
Mean 84.84
RMS 60.27
signal [adc counts]

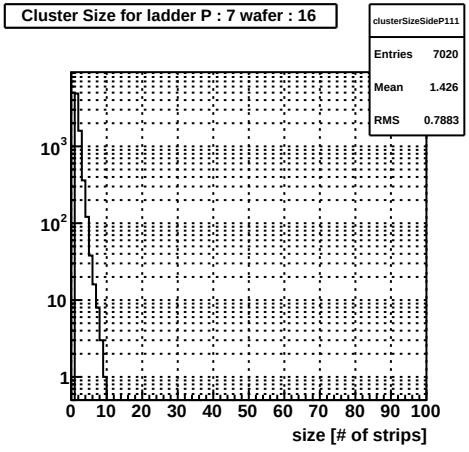

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 6407
Mean 1.337
RMS 0.6496
size [# of strips]

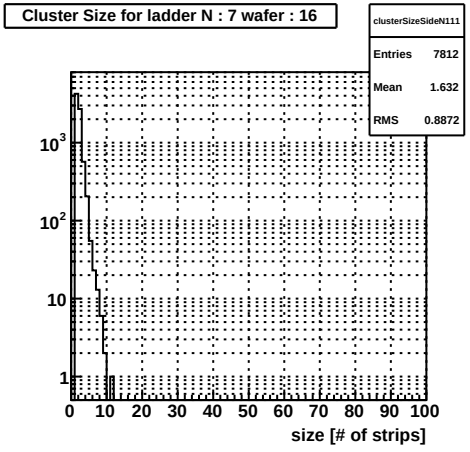

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 6400
Mean 1.568
RMS 0.8168
size [# of strips]

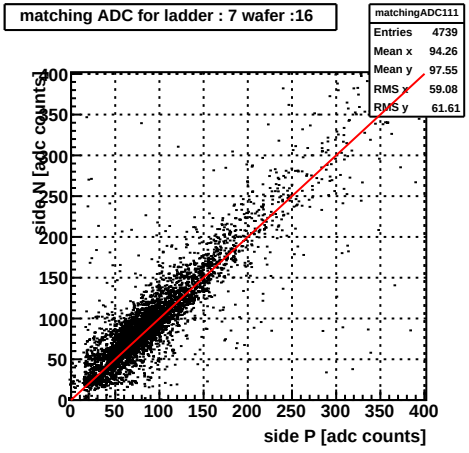

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 3742
Mean x 93.06
Mean y 92.21
RMS x 60.46
RMS y 56.45
side N [adc counts]
side P [adc counts]

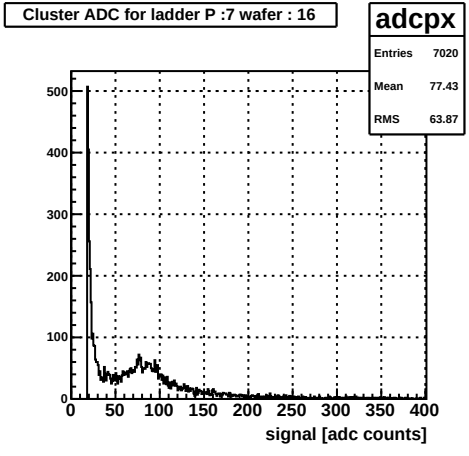

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 6407
Mean 67.35
RMS 56.57
signal [adc counts]

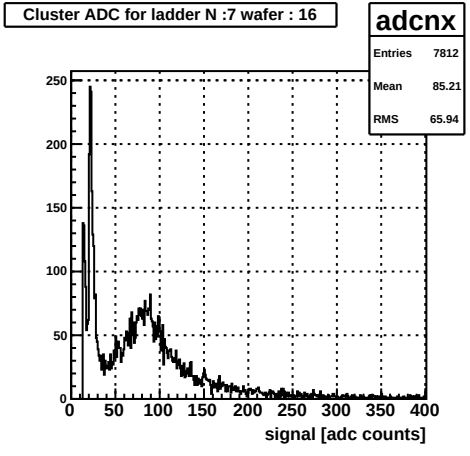

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 6400
Mean 82.97
RMS 61.39
signal [adc counts]

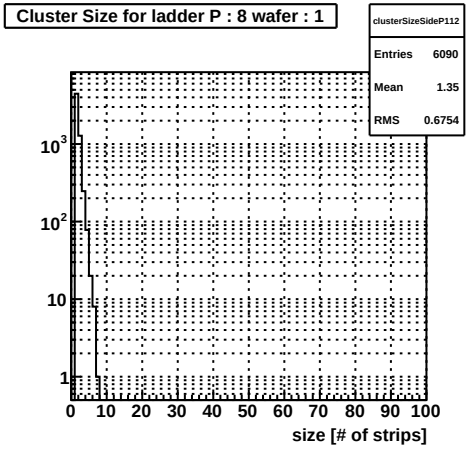

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 7020
Mean 1.426
RMS 0.7883
size [# of strips]

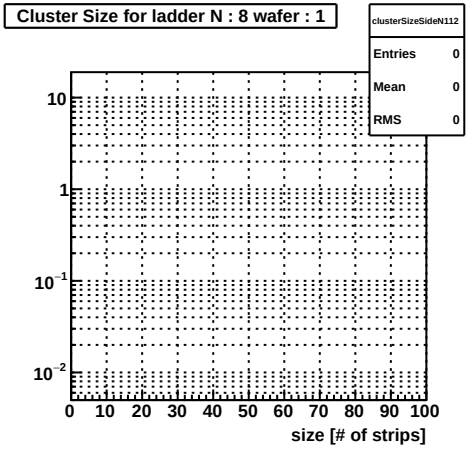

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 7812
Mean 1.632
RMS 0.8872
size [# of strips]

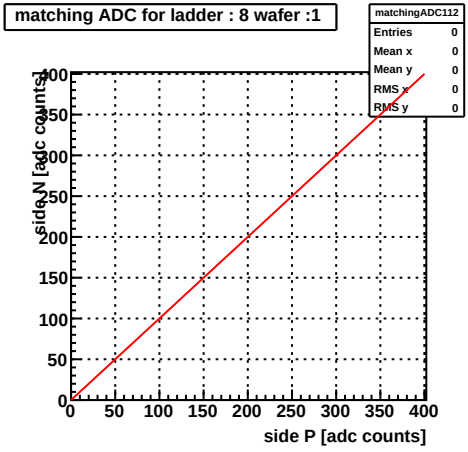

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 4739
Mean x 94.26
Mean y 97.55
RMS x 59.08
RMS y 61.61
side N [adc counts]
side P [adc counts]

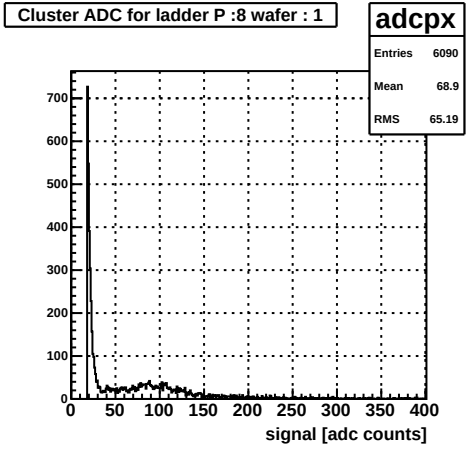

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 7020
Mean 77.43
RMS 63.87
signal [adc counts]

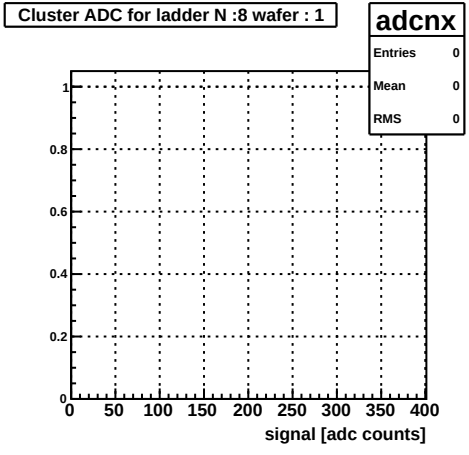

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 7812
Mean 85.21
RMS 65.94
signal [adc counts]

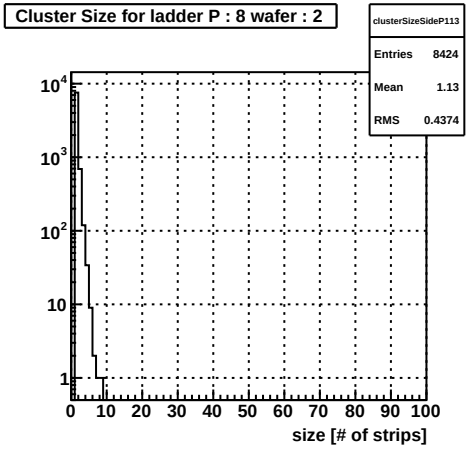

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 6090
Mean 1.35
RMS 0.6754
size [# of strips]

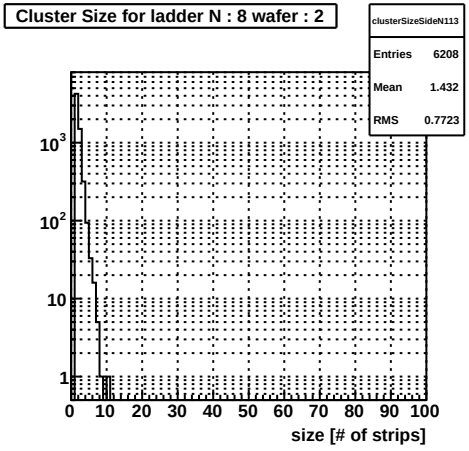

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

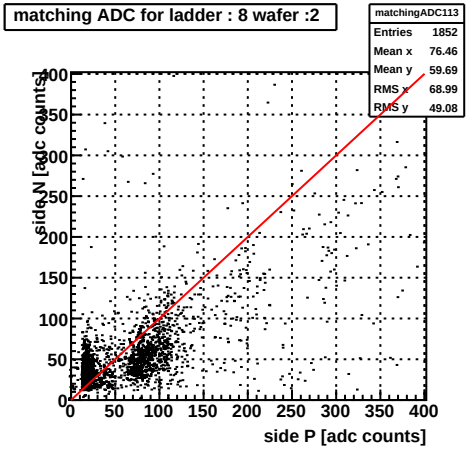

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

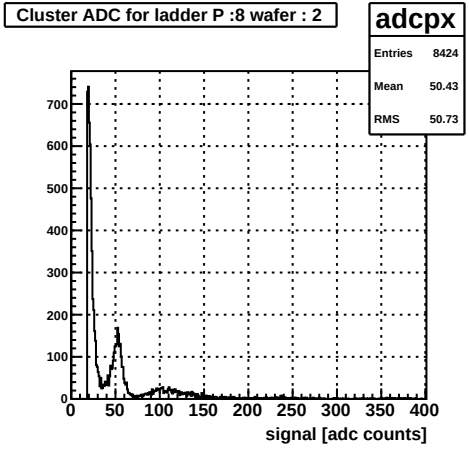

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 6090
Mean 68.9
RMS 65.19
signal [adc counts]

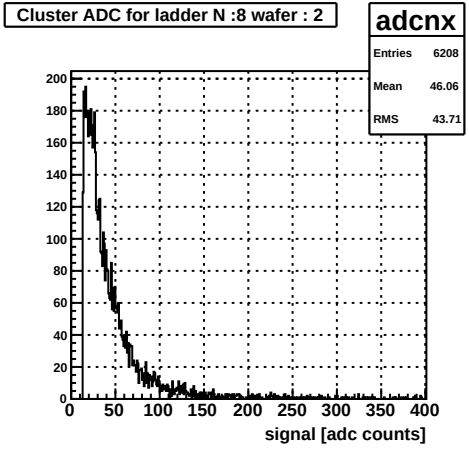

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

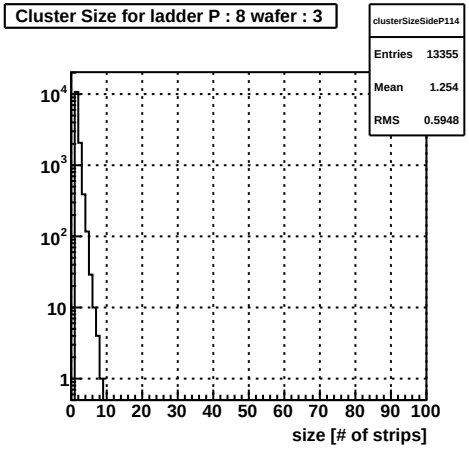

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 8424
Mean 1.13
RMS 0.4374
size [# of strips]

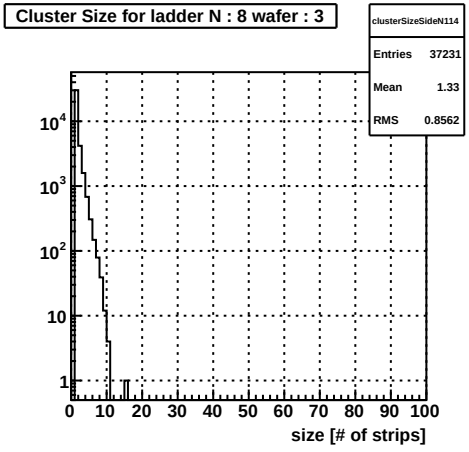

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 6208
Mean 1.432
RMS 0.7723
size [# of strips]

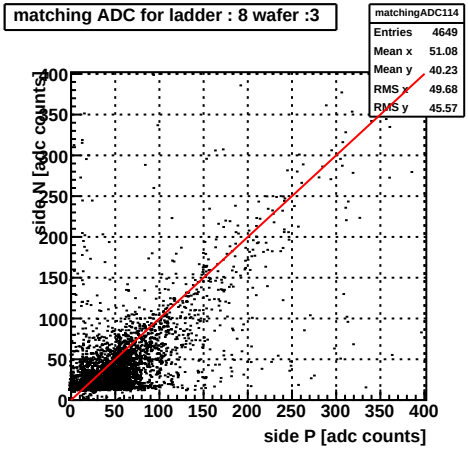

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 1852
Mean x 76.46
Mean y 59.69
RMS x 68.99
RMS y 49.08
side N [adc counts]
side P [adc counts]

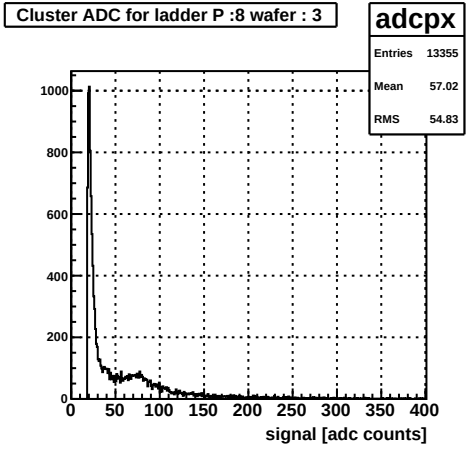

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 8424
Mean 50.43
RMS 50.73
signal [adc counts]

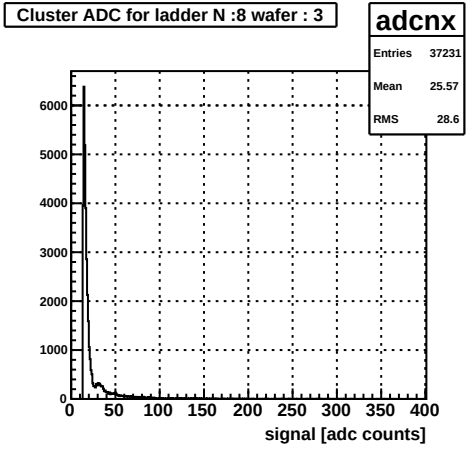

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 6208
Mean 46.06
RMS 43.71
signal [adc counts]

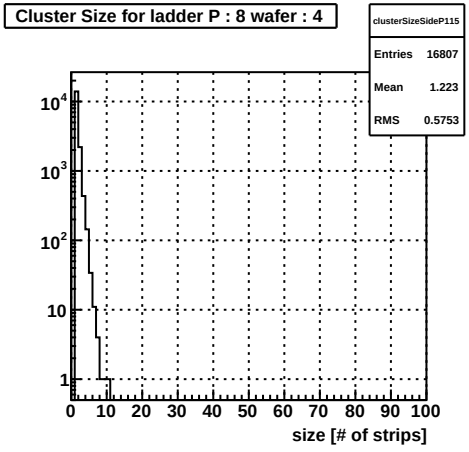

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 13355
Mean 1.254
RMS 0.5948
size [# of strips]

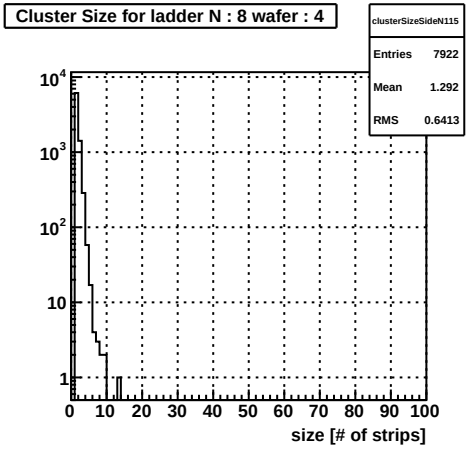

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 37231
Mean 1.33
RMS 0.8562
size [# of strips]

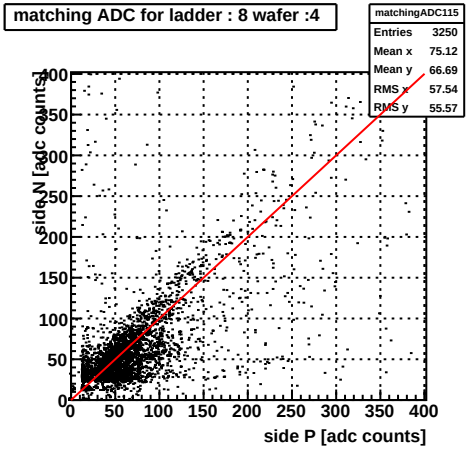

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 4649
Mean x 51.08
Mean y 40.23
RMS x 49.68
RMS y 45.57
side N [adc counts]
side P [adc counts]

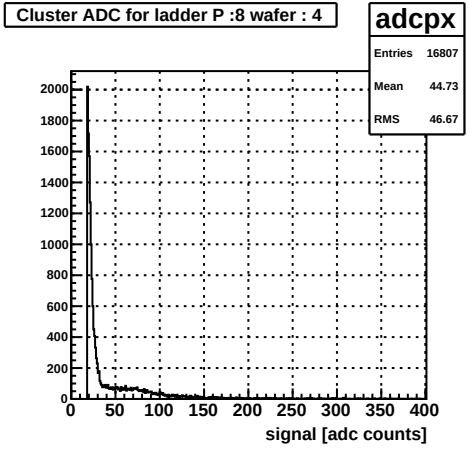

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 13355
Mean 57.02
RMS 54.83
signal [adc counts]

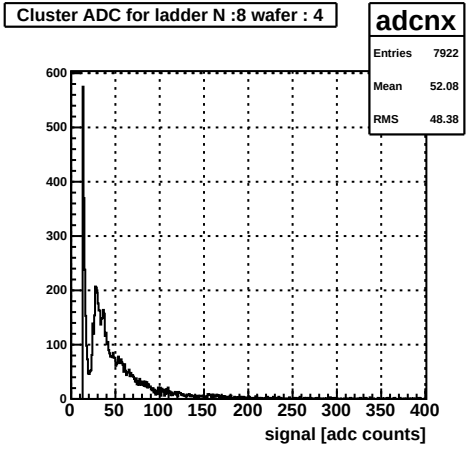

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 37231
Mean 25.57
RMS 28.6
signal [adc counts]

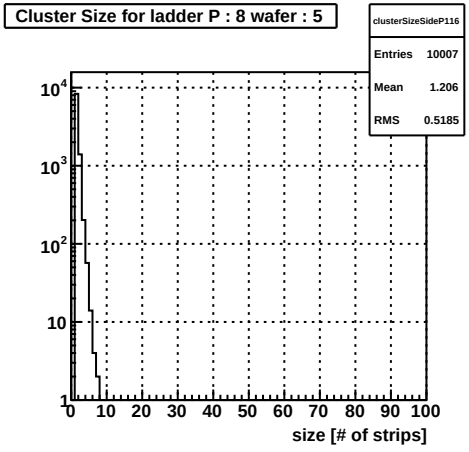

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 16807
Mean 1.223
RMS 0.5753
size [# of strips]

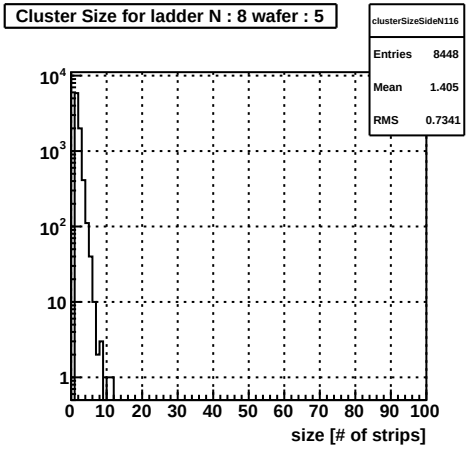

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 7922
Mean 1.292
RMS 0.6413
size [# of strips]

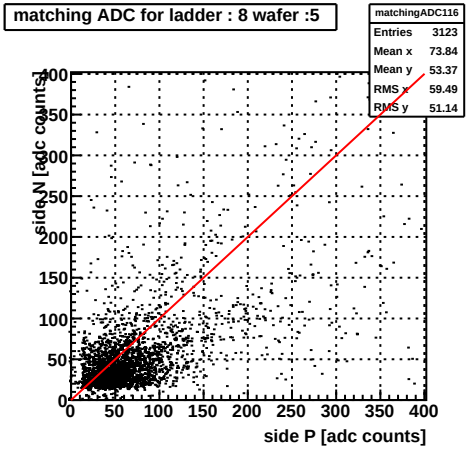

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 3250
Mean x 75.12
Mean y 66.69
RMS x 57.54
RMS y 55.57
side N [adc counts]
side P [adc counts]

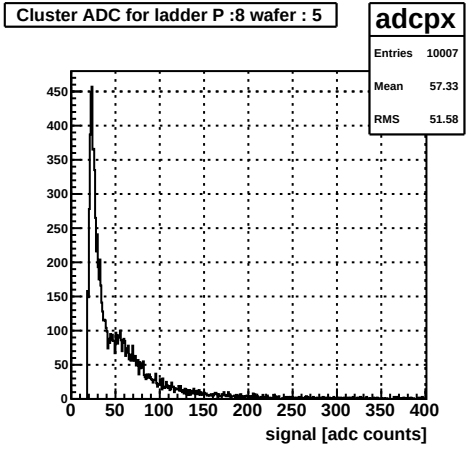

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 16807
Mean 44.73
RMS 46.67
signal [adc counts]

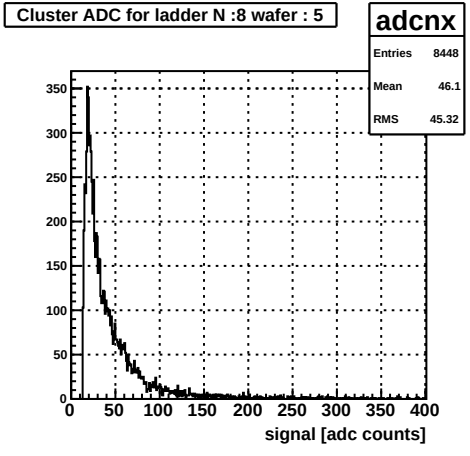

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 7922
Mean 52.08
RMS 48.38
signal [adc counts]

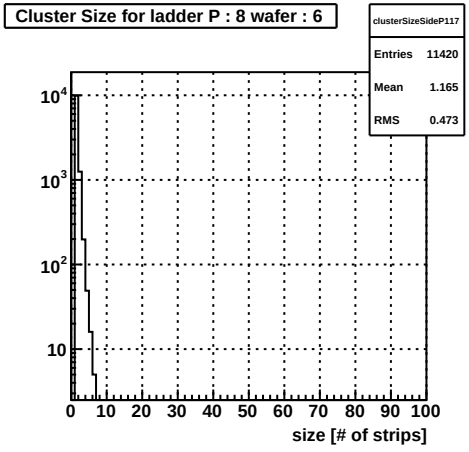

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 10007
Mean 1.206
RMS 0.5185
size [# of strips]

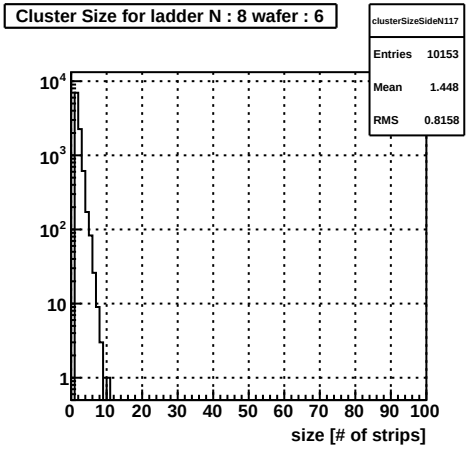

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 8448
Mean 1.405
RMS 0.7341
size [# of strips]

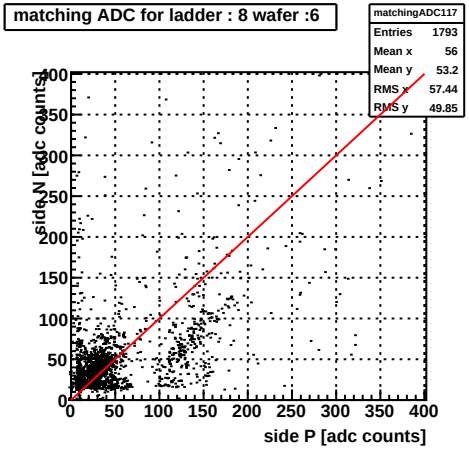

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 3123
Mean x 73.84
Mean y 53.37
RMS x 59.49
RMS y 51.14
side N [adc counts]
side P [adc counts]

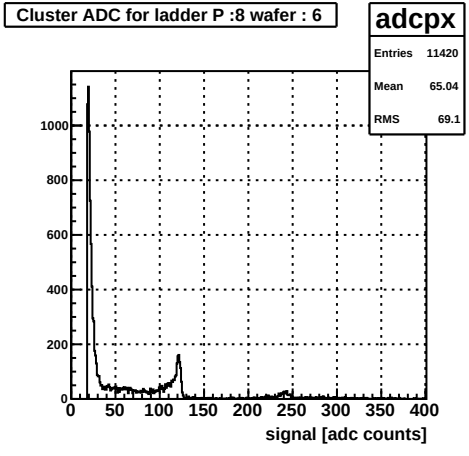

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 10007
Mean 57.33
RMS 51.58
signal [adc counts]

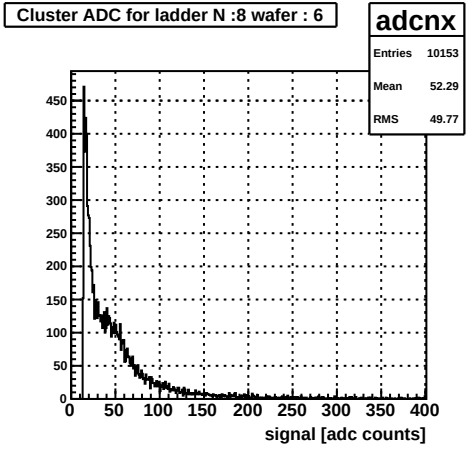

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 8448
Mean 46.1
RMS 45.32
signal [adc counts]

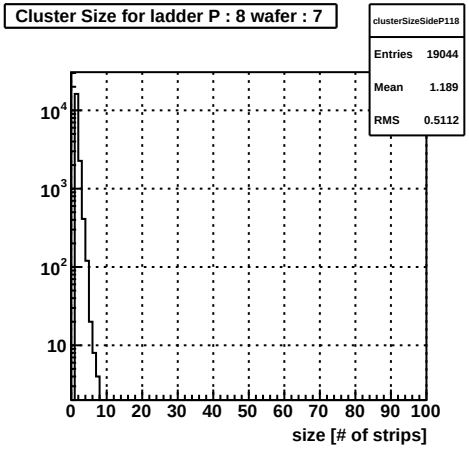

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 11420
Mean 1.165
RMS 0.473
size [# of strips]

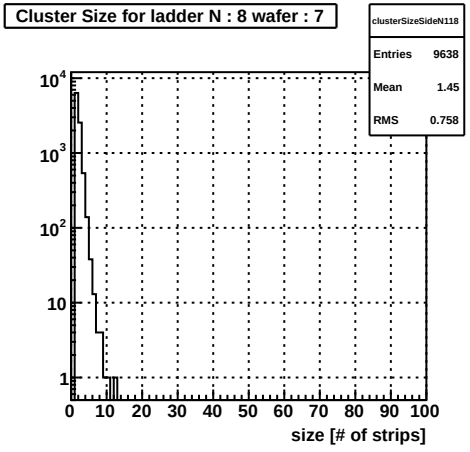

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 10153
Mean 1.448
RMS 0.8158
size [# of strips]

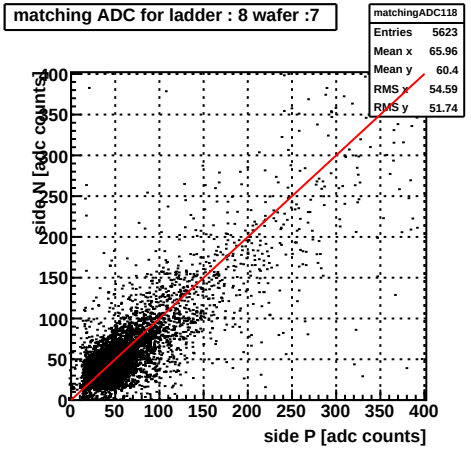

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 1793
Mean x 56
Mean y 53.2
RMS x 57.44
RMS y 49.85
side N [adc counts]
side P [adc counts]

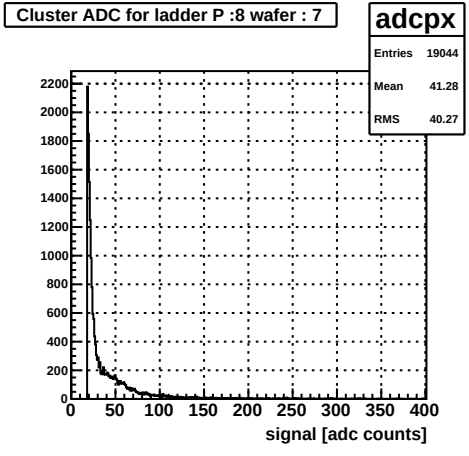

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 11420
Mean 65.04
RMS 69.1
signal [adc counts]

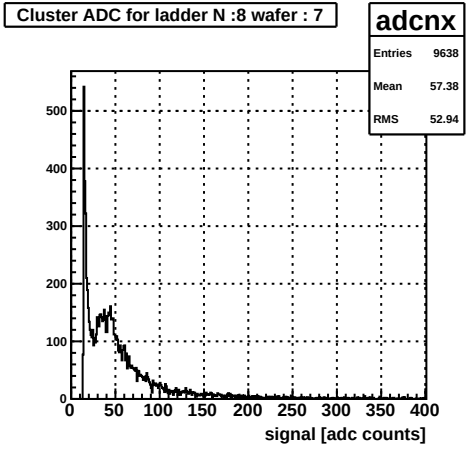

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 10153
Mean 52.29
RMS 49.77
signal [adc counts]

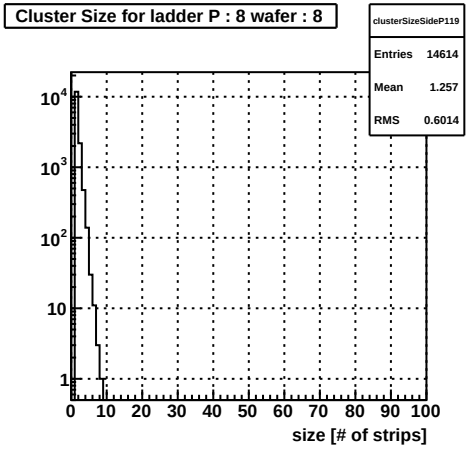

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 19044
Mean 1.189
RMS 0.5112
size [# of strips]

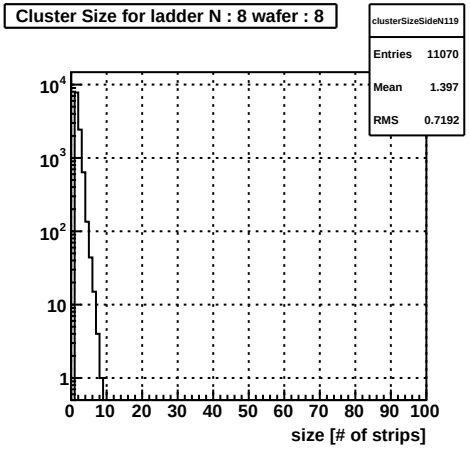

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 9638
Mean 1.45
RMS 0.758
size [# of strips]

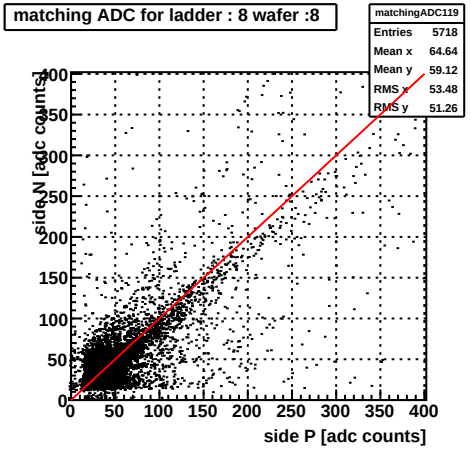

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 5623
Mean x 65.96
Mean y 60.4
RMS x 54.59
RMS y 51.74
side N [adc counts]
side P [adc counts]

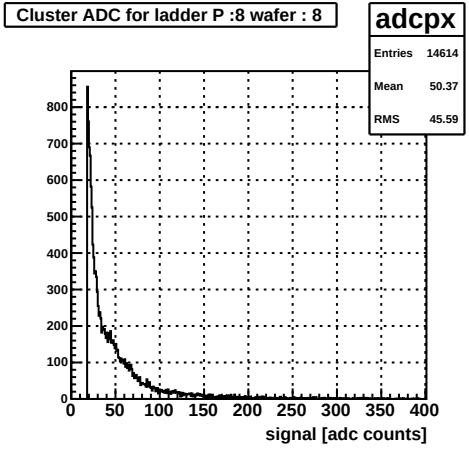

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 19044
Mean 41.28
RMS 40.27
signal [adc counts]

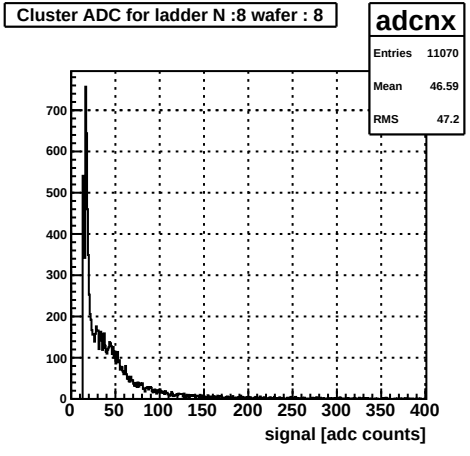

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 9638
Mean 57.38
RMS 52.94
signal [adc counts]

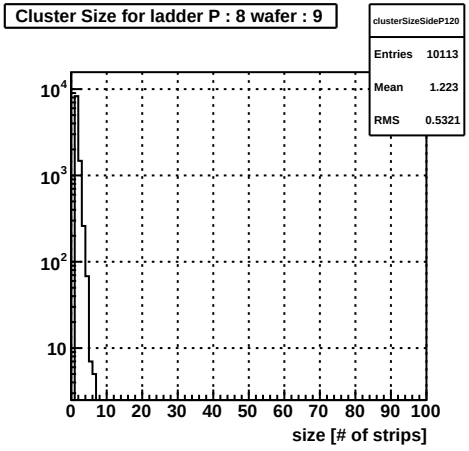

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 14614
Mean 1.257
RMS 0.6014
size [# of strips]

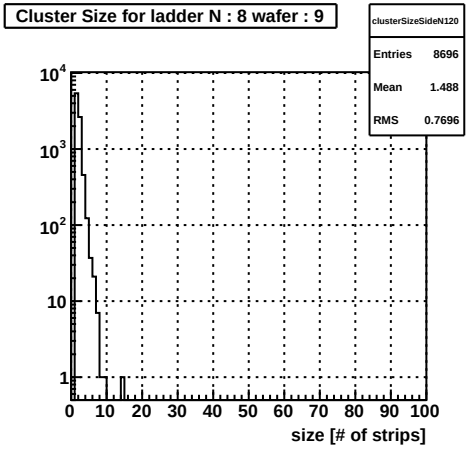

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 11070
Mean 1.397
RMS 0.7192
size [# of strips]

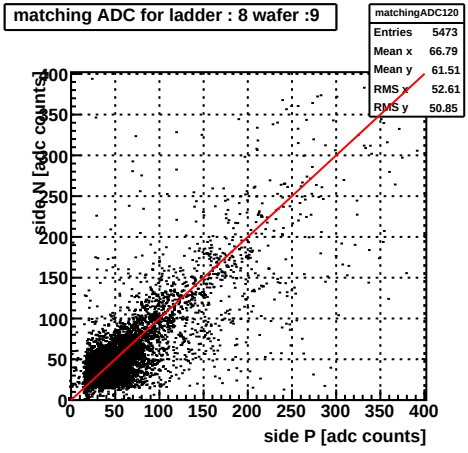

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 5718
Mean x 64.64
Mean y 59.12
RMS x 53.48
RMS y 51.26
side N [adc counts]
side P [adc counts]

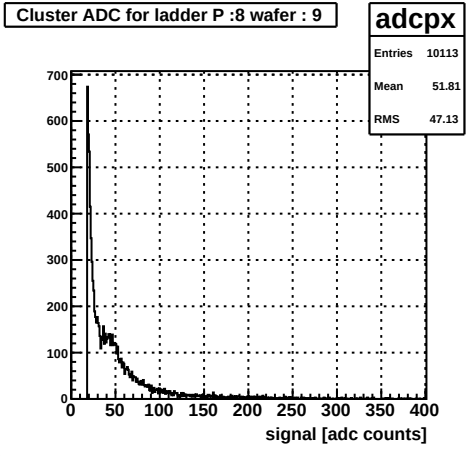

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 14614
Mean 50.37
RMS 45.59
signal [adc counts]

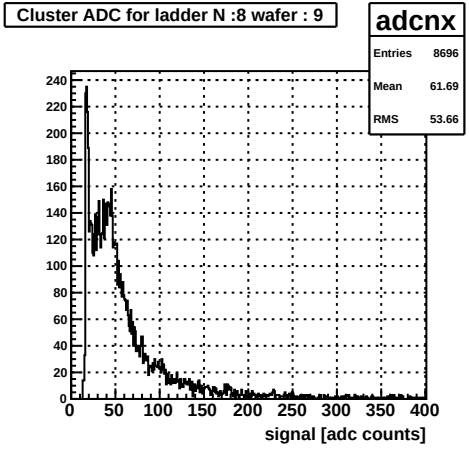

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 11070
Mean 46.59
RMS 47.2
signal [adc counts]

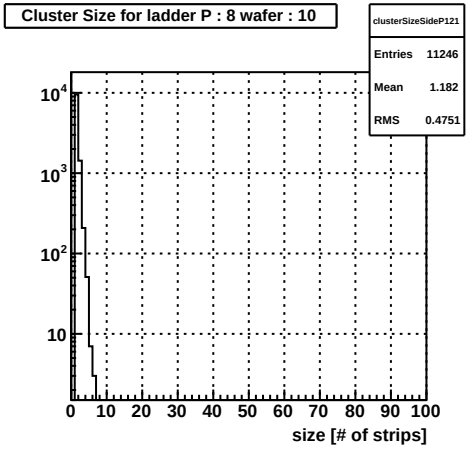

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 10113
Mean 1.223
RMS 0.5321
size [# of strips]

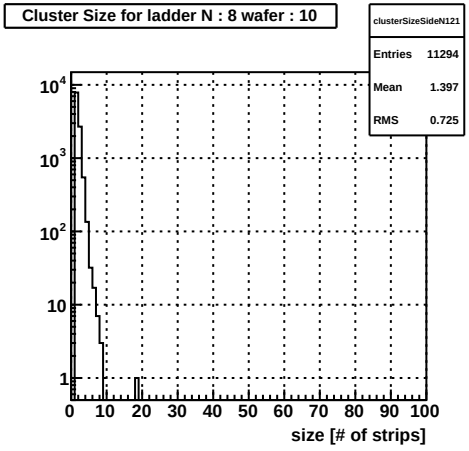

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 8696
Mean 1.488
RMS 0.7696
size [# of strips]

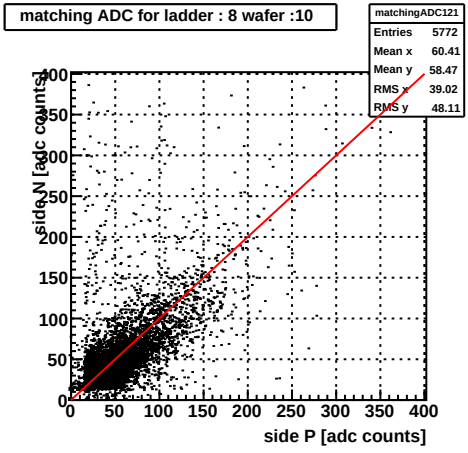

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 5473
Mean x 66.79
Mean y 61.51
RMS x 52.61
RMS y 50.85
side N [adc counts]
side P [adc counts]

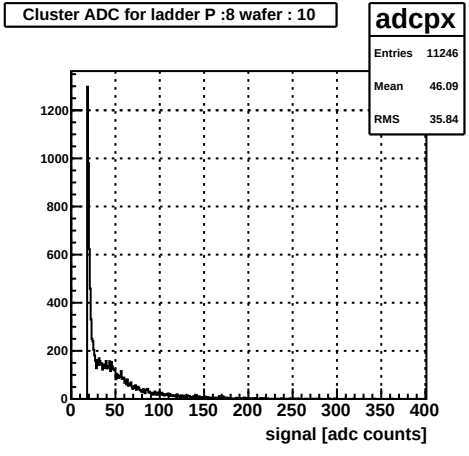

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 10113
Mean 51.81
RMS 47.13
signal [adc counts]

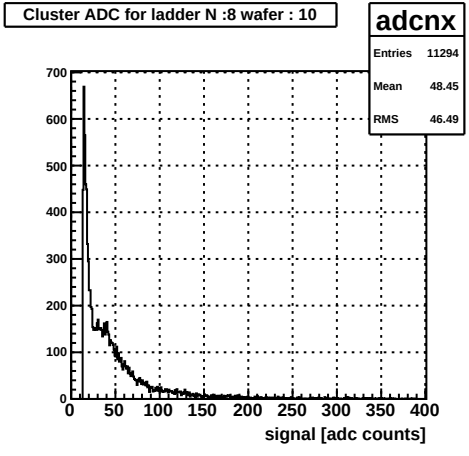

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 8696
Mean 61.69
RMS 53.66
signal [adc counts]

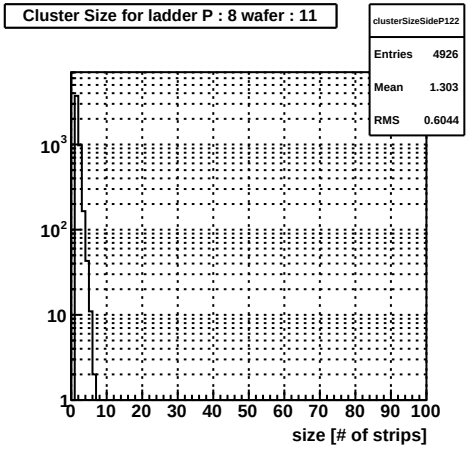

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 11246
Mean 1.182
RMS 0.4751
size [# of strips]

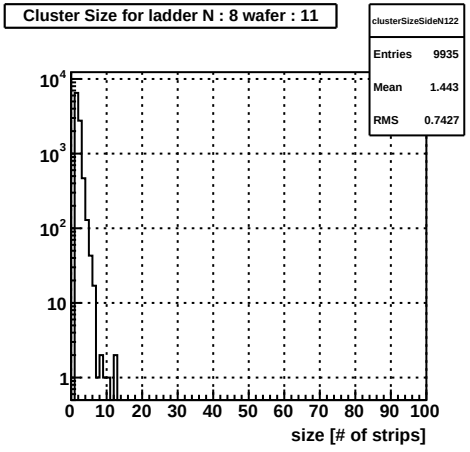

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 11294
Mean 1.397
RMS 0.725
size [# of strips]

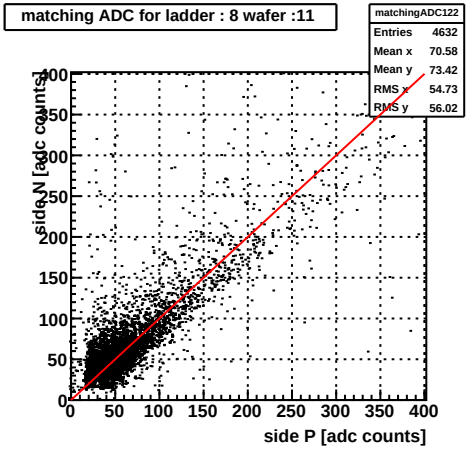

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 5772
Mean x 60.41
Mean y 58.47
RMS x 39.02
RMS y 48.11
side N [adc counts]
side P [adc counts]

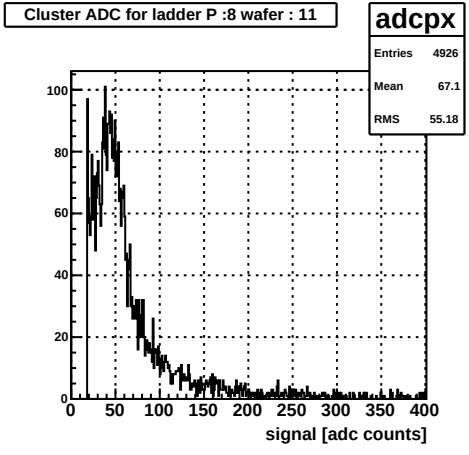

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 11246
Mean 46.09
RMS 35.84
signal [adc counts]

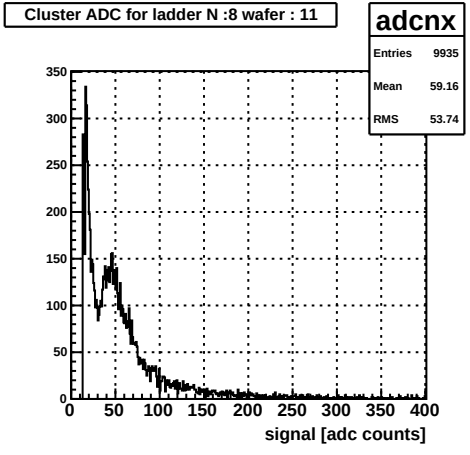

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 11294
Mean 48.45
RMS 46.49
signal [adc counts]

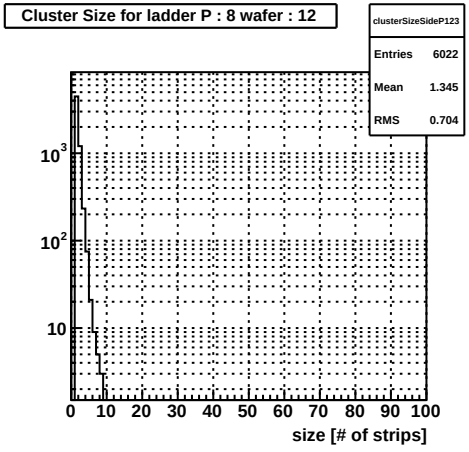

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 4926
Mean 1.303
RMS 0.6044
size [# of strips]

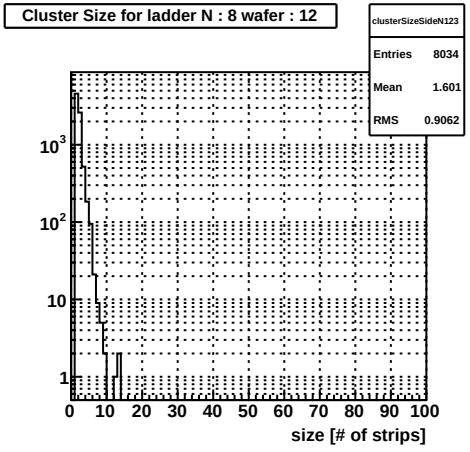

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 9935
Mean 1.443
RMS 0.7427
size [# of strips]

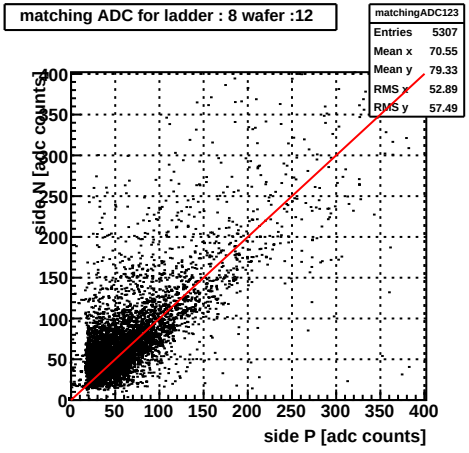

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 4632
Mean x 70.58
Mean y 73.42
RMS x 54.73
RMS y 56.02
side N [adc counts]
side P [adc counts]

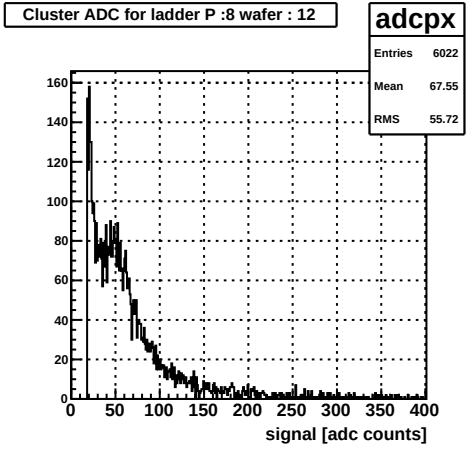

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 4926
Mean 67.1
RMS 55.18
signal [adc counts]

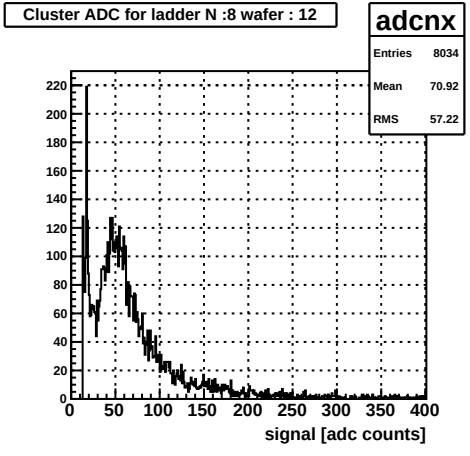

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 9935
Mean 59.16
RMS 53.74
signal [adc counts]

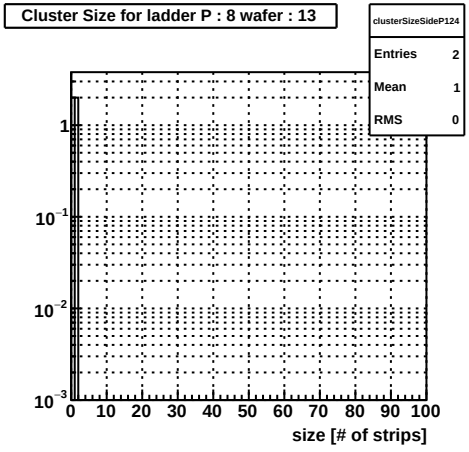

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 6022
Mean 1.345
RMS 0.704
size [# of strips]

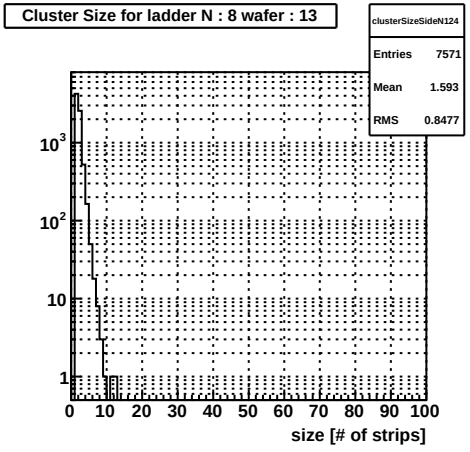

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 8034
Mean 1.601
RMS 0.9062
size [# of strips]

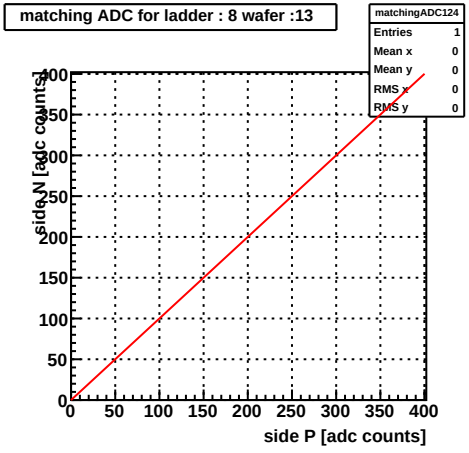

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 5307
Mean x 70.55
Mean y 79.33
RMS x 52.89
RMS y 57.49
side N [adc counts]
side P [adc counts]

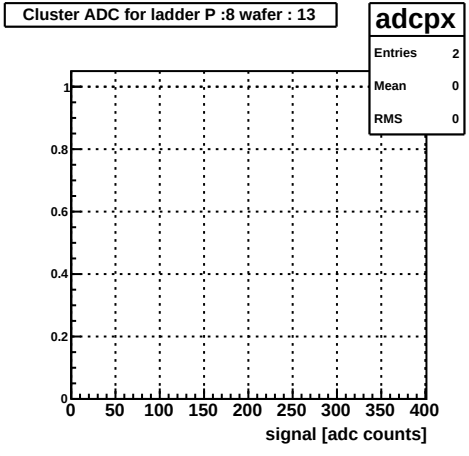

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 6022
Mean 67.55
RMS 55.72
signal [adc counts]

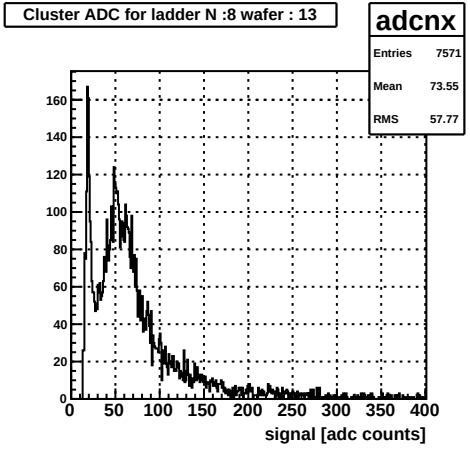

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 8034
Mean 70.92
RMS 57.22
signal [adc counts]

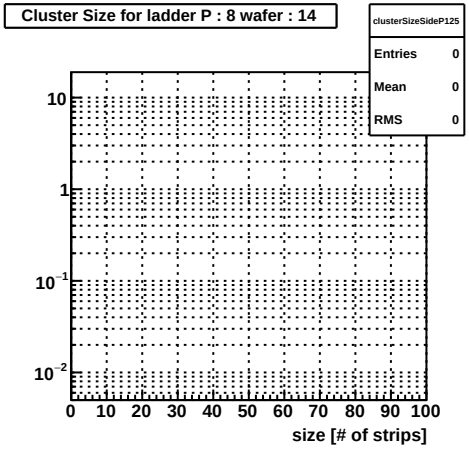

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 2
Mean 1
RMS 0
size [# of strips]

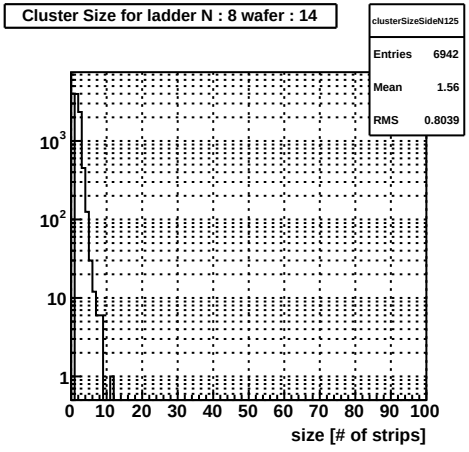

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 7571
Mean 1.593
RMS 0.8477
size [# of strips]

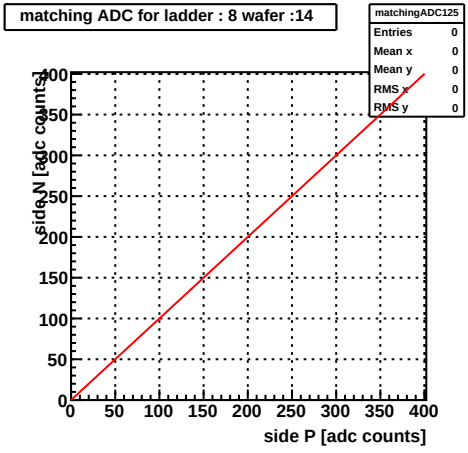

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

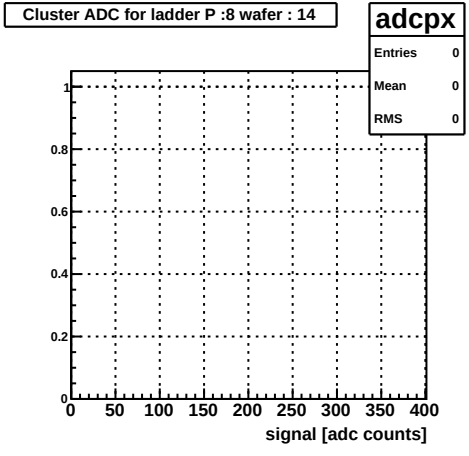

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

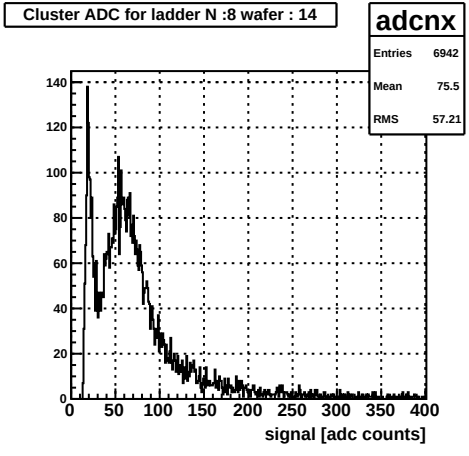

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 7571
Mean 73.55
RMS 57.77
signal [adc counts]

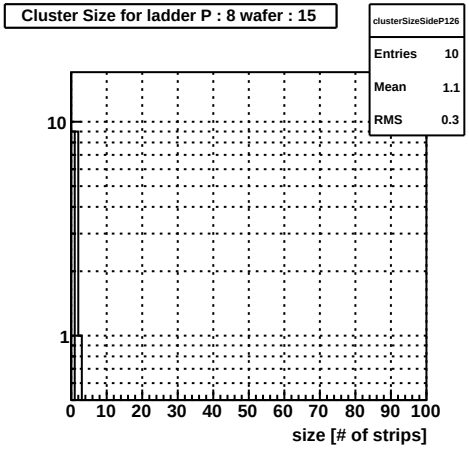

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

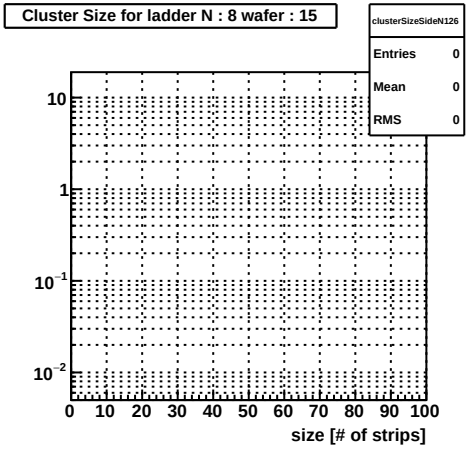

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 6942
Mean 1.56
RMS 0.8039
size [# of strips]

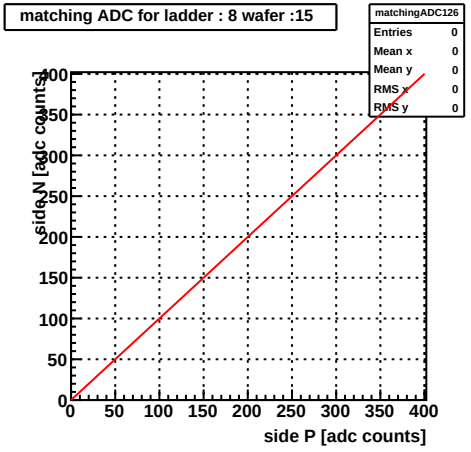

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

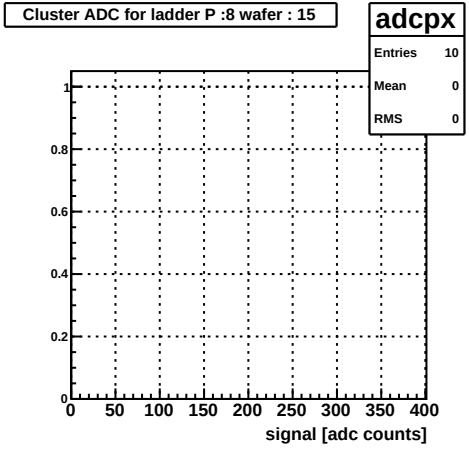

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

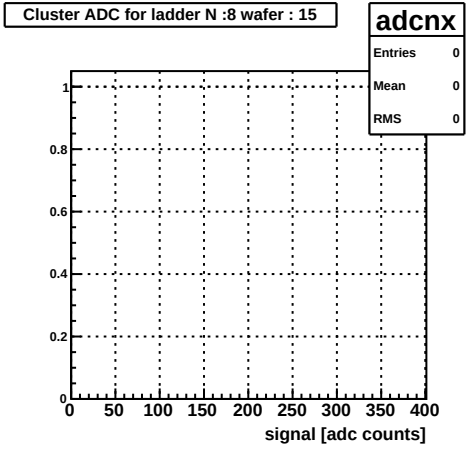

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 6942
Mean 75.5
RMS 57.21
signal [adc counts]

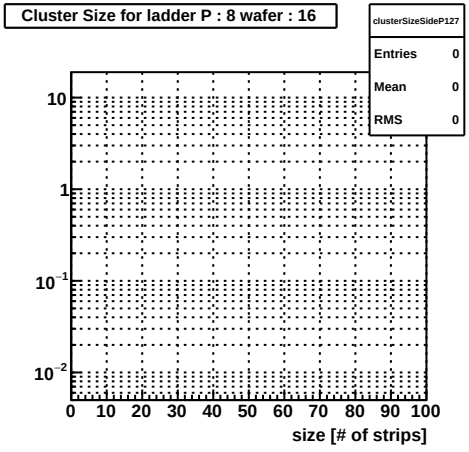

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 10
Mean 1.1
RMS 0.3
size [# of strips]

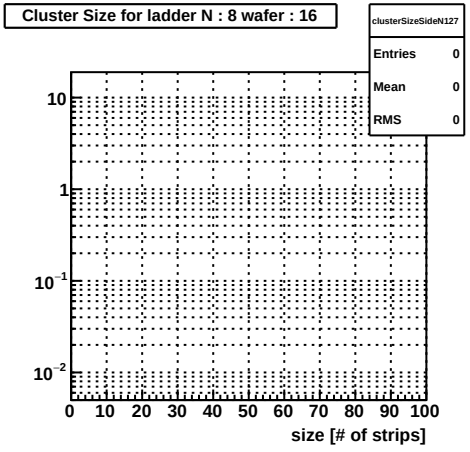

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

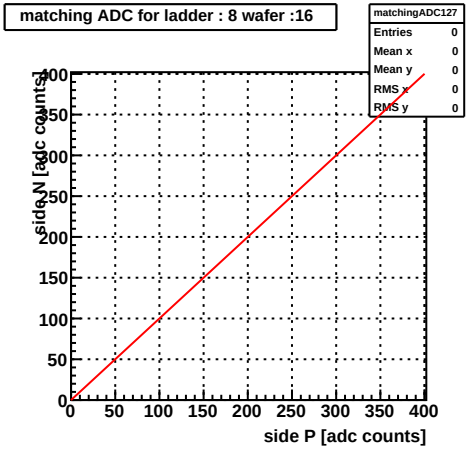

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

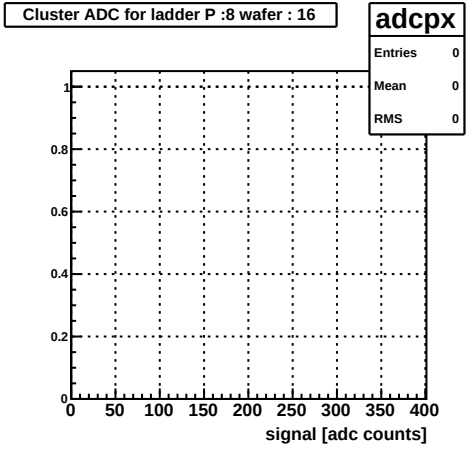

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 10
Mean 0
RMS 0
signal [adc counts]

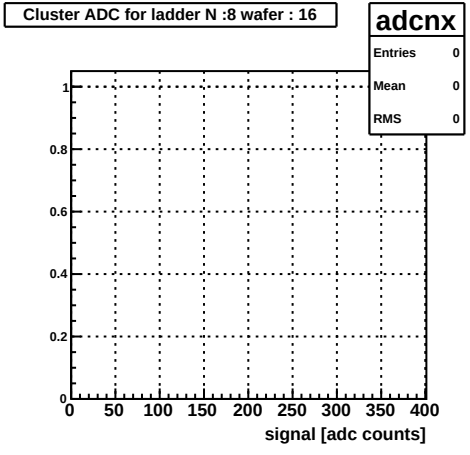

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

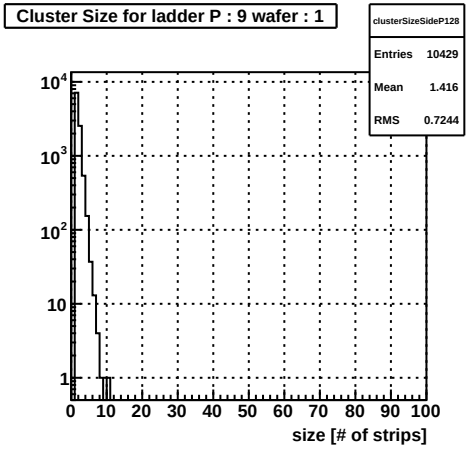

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

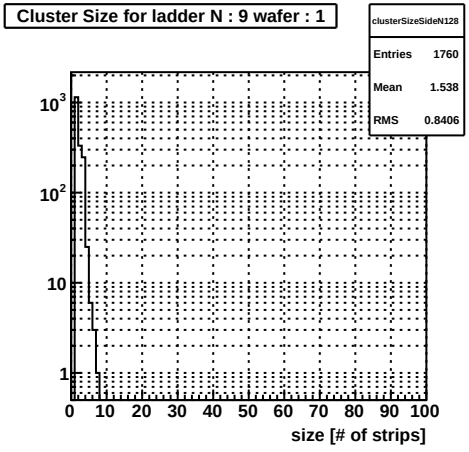

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

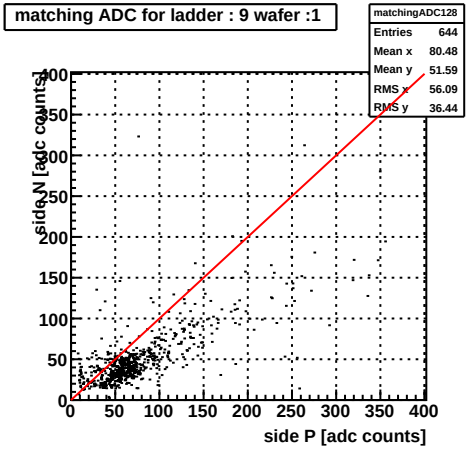

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

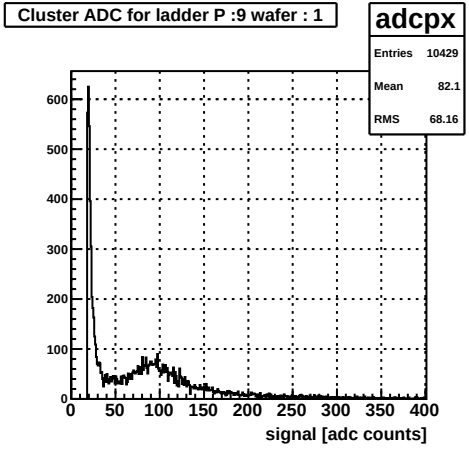

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

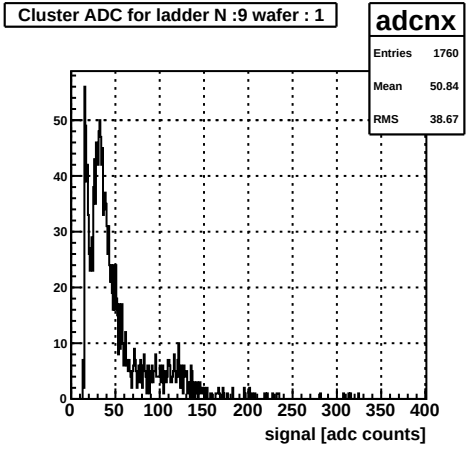

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

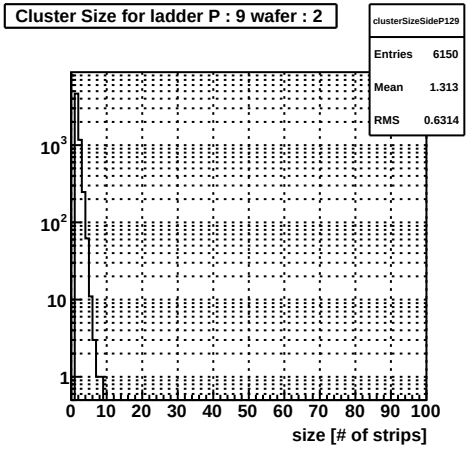

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 10429
Mean 1.416
RMS 0.7244
size [# of strips]

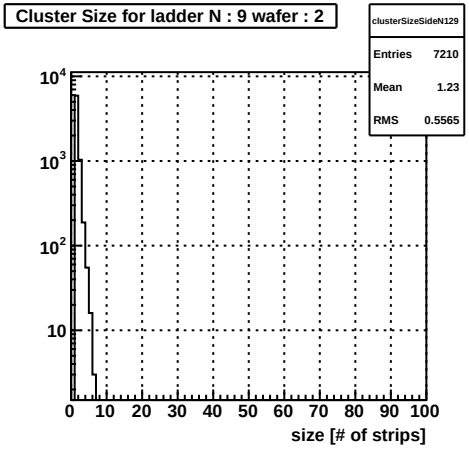

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 1760
Mean 1.538
RMS 0.8406
size [# of strips]

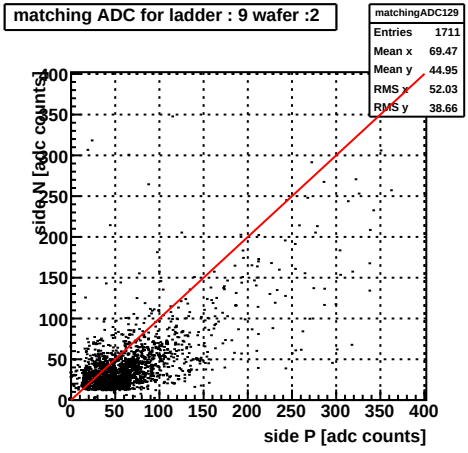

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 644
Mean x 80.48
Mean y 51.59
RMS x 56.09
RMS y 36.44
side N [adc counts]
side P [adc counts]

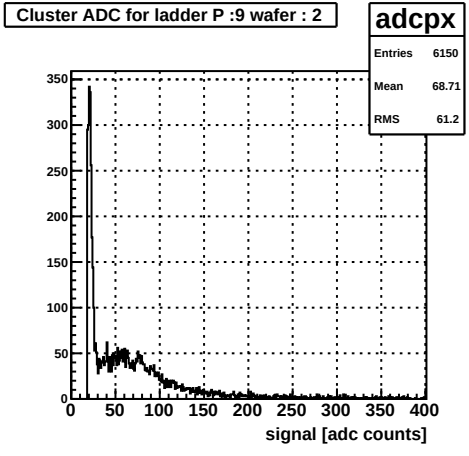

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 10429
Mean 82.1
RMS 68.16
signal [adc counts]

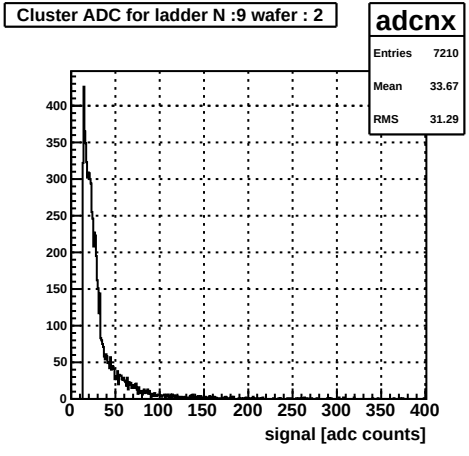

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 1760
Mean 50.84
RMS 38.67
signal [adc counts]

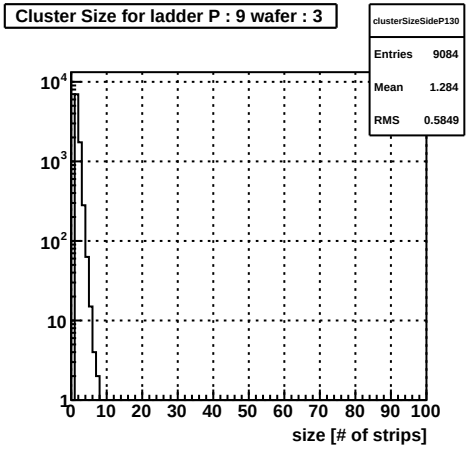

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 6150
Mean 1.313
RMS 0.6314
size [# of strips]

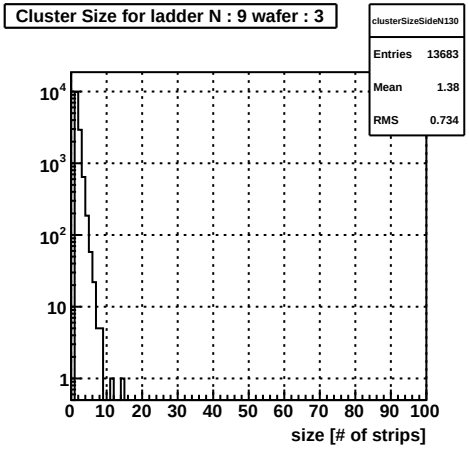

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 7210
Mean 1.23
RMS 0.5565
size [# of strips]

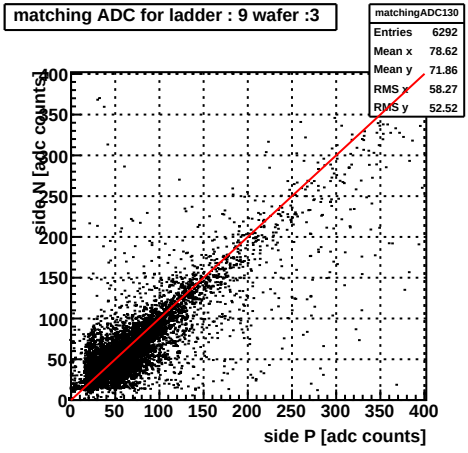

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 1711
Mean x 69.47
Mean y 44.95
RMS x 52.03
RMS y 38.66
side N [adc counts]
side P [adc counts]

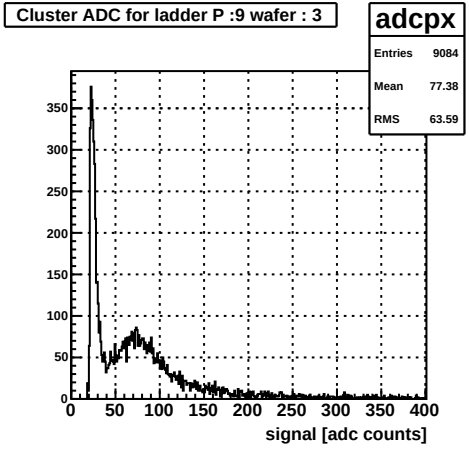

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 6150
Mean 68.71
RMS 61.2
signal [adc counts]

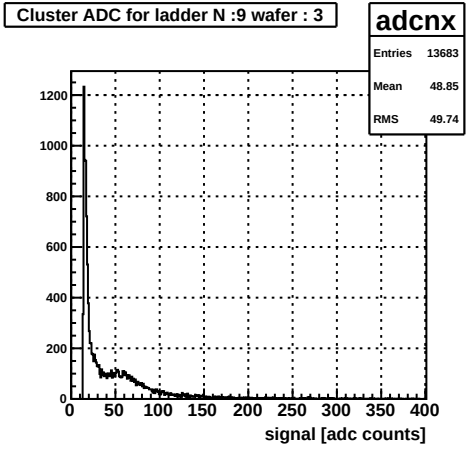

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 7210
Mean 33.67
RMS 31.29
signal [adc counts]

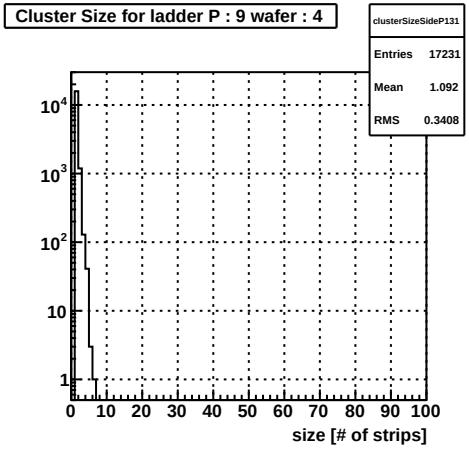

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 9084
Mean 1.284
RMS 0.5849
size [# of strips]

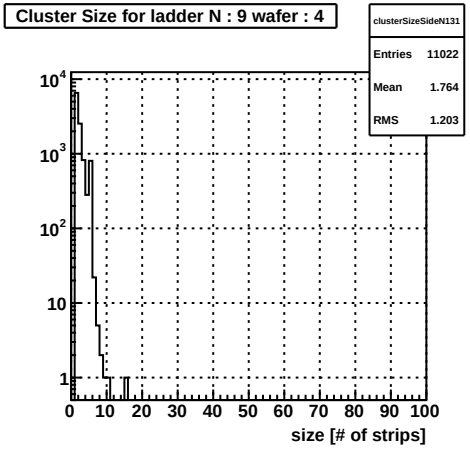

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 13683
Mean 1.38
RMS 0.734
size [# of strips]

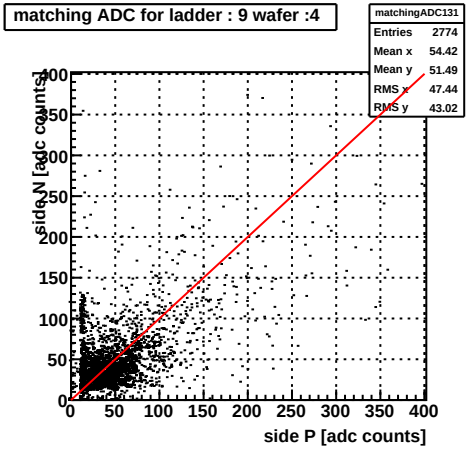

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 6292
Mean x 78.62
Mean y 71.86
RMS x 58.27
RMS y 52.52
side N [adc counts]
side P [adc counts]

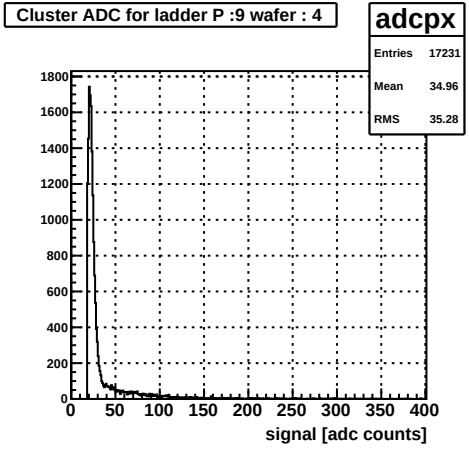

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 9084
Mean 77.38
RMS 63.59
signal [adc counts]

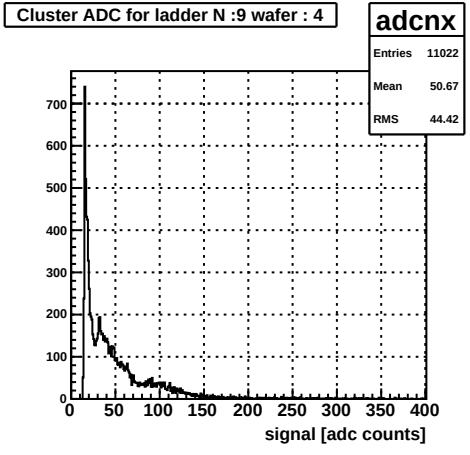

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 13683
Mean 48.85
RMS 49.74
signal [adc counts]

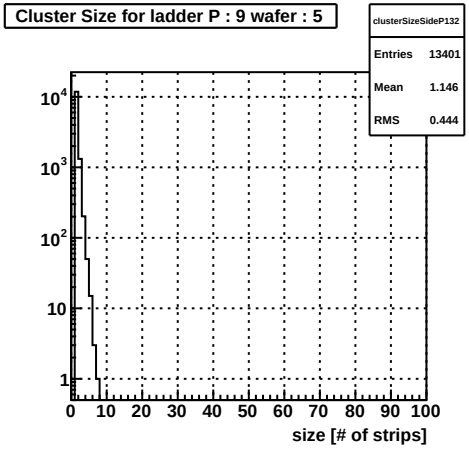

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 17231
Mean 1.092
RMS 0.3408
size [# of strips]

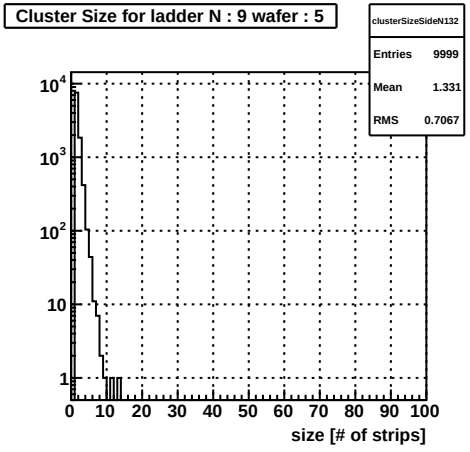

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 11022
Mean 1.764
RMS 1.203
size [# of strips]

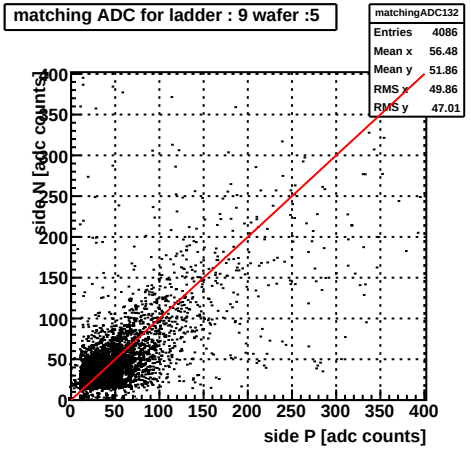

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 2774
Mean x 54.42
Mean y 51.49
RMS x 47.44
RMS y 43.02
side N [adc counts]
side P [adc counts]

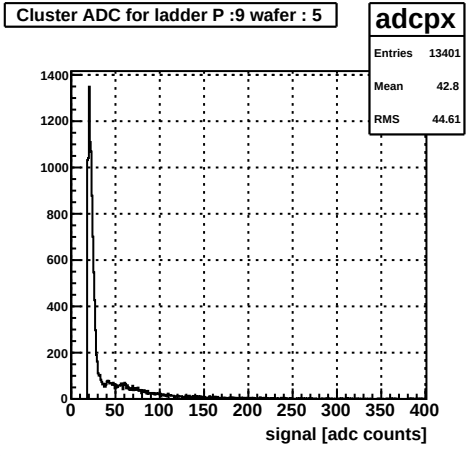

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 17231
Mean 34.96
RMS 35.28
signal [adc counts]

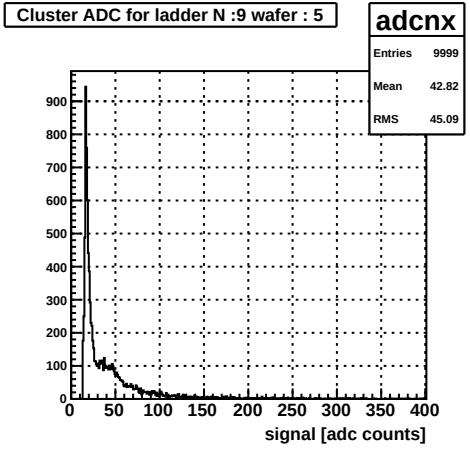

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 11022
Mean 50.67
RMS 44.42
signal [adc counts]

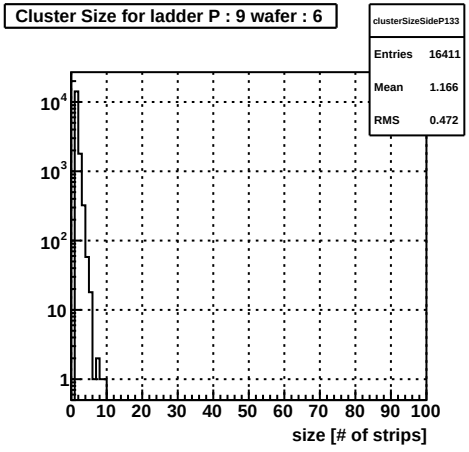

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 13401
Mean 1.146
RMS 0.444
size [# of strips]

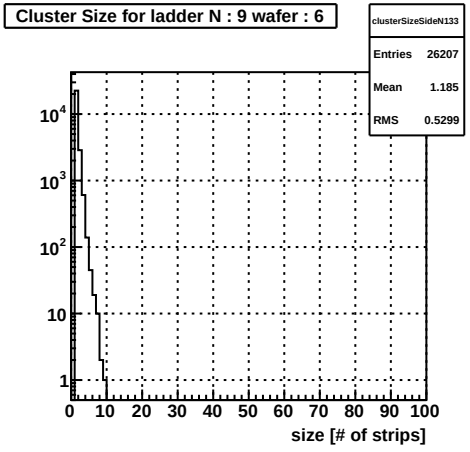

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 9999
Mean 1.331
RMS 0.7067
size [# of strips]

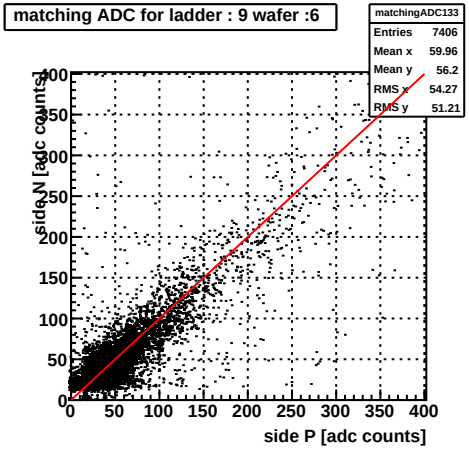

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 4086
Mean x 56.48
Mean y 51.86
RMS x 49.86
RMS y 47.01
side N [adc counts]
side P [adc counts]

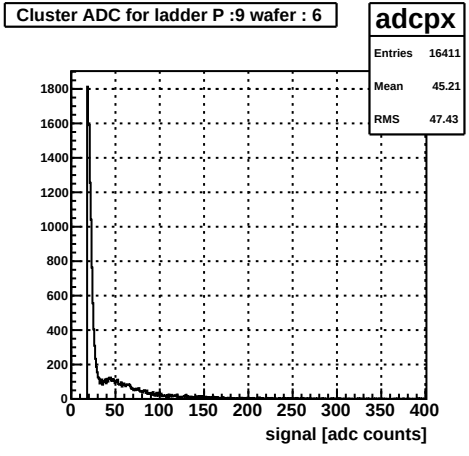

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 13401
Mean 42.8
RMS 44.61
signal [adc counts]

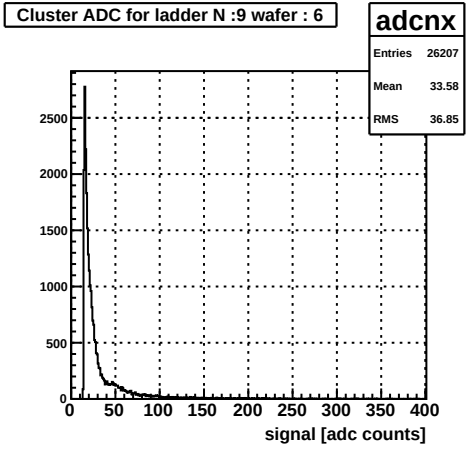

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 9999
Mean 42.82
RMS 45.09
signal [adc counts]

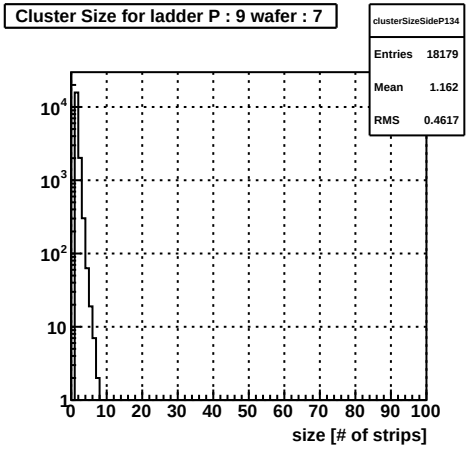

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 16411
Mean 1.166
RMS 0.472
size [# of strips]

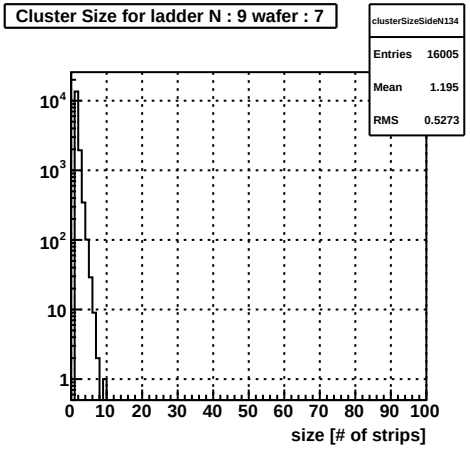

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 26207
Mean 1.185
RMS 0.5299
size [# of strips]

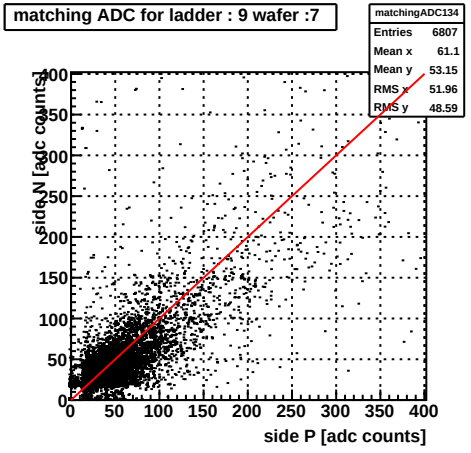

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 7406
Mean x 59.96
Mean y 56.2
RMS x 54.27
RMS y 51.21
side N [adc counts]
side P [adc counts]

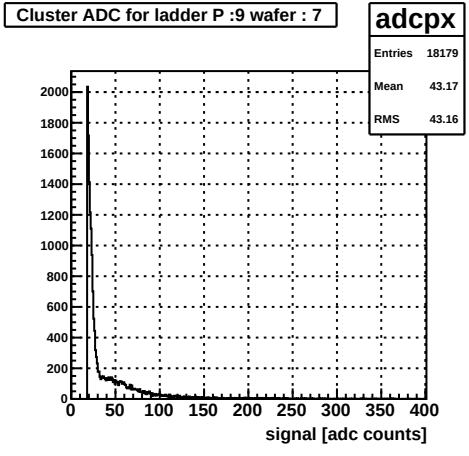

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 16411
Mean 45.21
RMS 47.43
signal [adc counts]

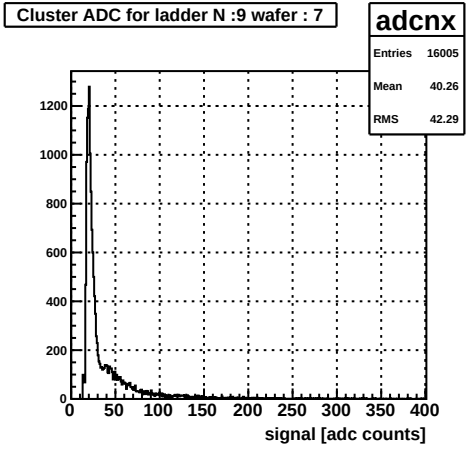

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 26207
Mean 33.58
RMS 36.85
signal [adc counts]

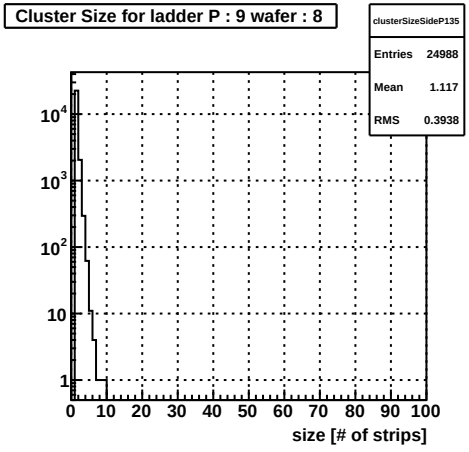

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 18179
Mean 1.162
RMS 0.4617
size [# of strips]

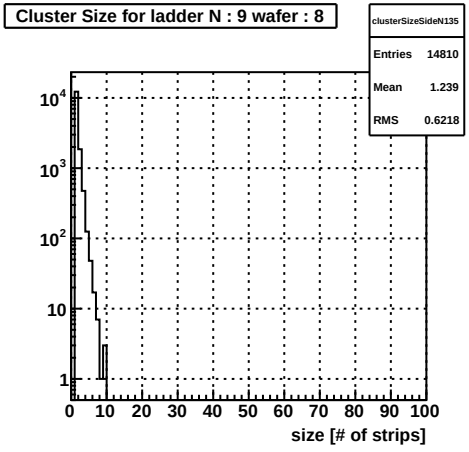

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 16005
Mean 1.195
RMS 0.5273
size [# of strips]

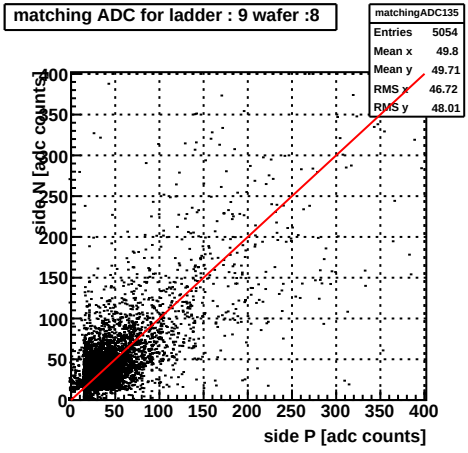

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 6807
Mean x 61.1
Mean y 53.15
RMS x 51.96
RMS y 48.59
side N [adc counts]
side P [adc counts]

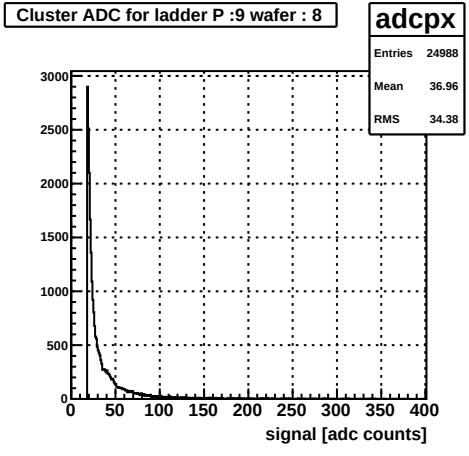

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 18179
Mean 43.17
RMS 43.16
signal [adc counts]

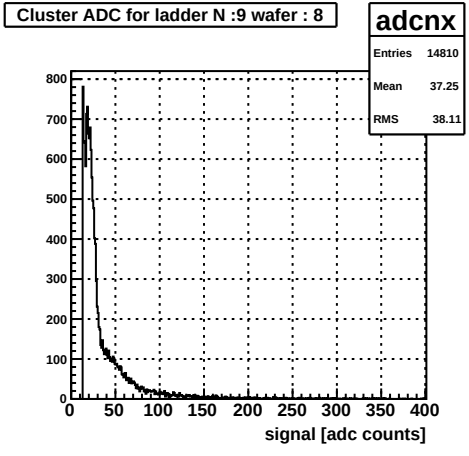

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 16005
Mean 40.26
RMS 42.29
signal [adc counts]

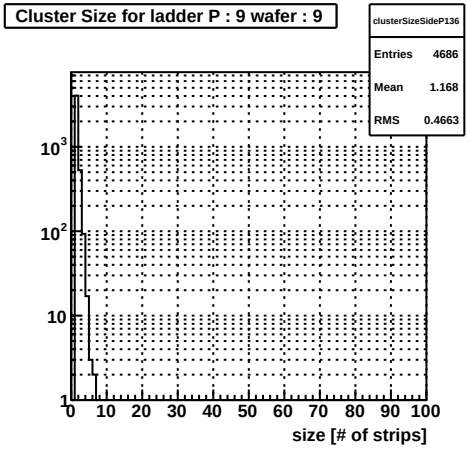

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 24988
Mean 1.117
RMS 0.3938
size [# of strips]

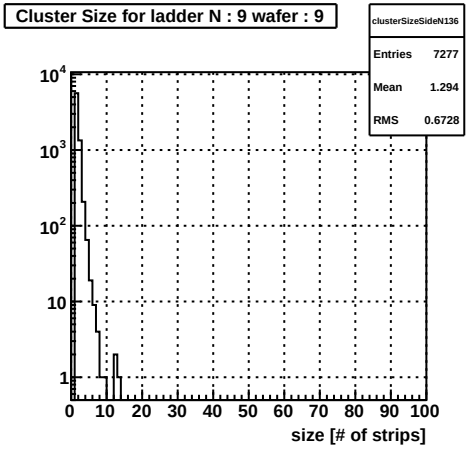

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 14810
Mean 1.239
RMS 0.6218
size [# of strips]

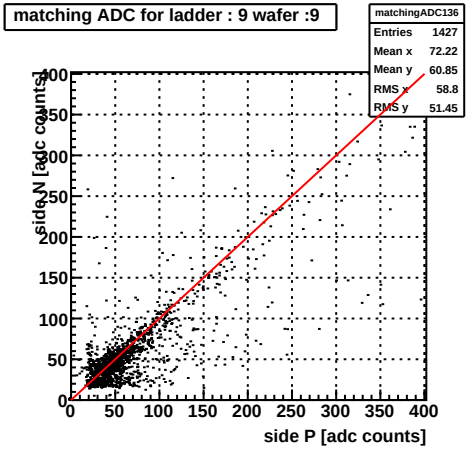

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 5054
Mean x 49.8
Mean y 49.71
RMS x 46.72
RMS y 48.01
side N [adc counts]
side P [adc counts]

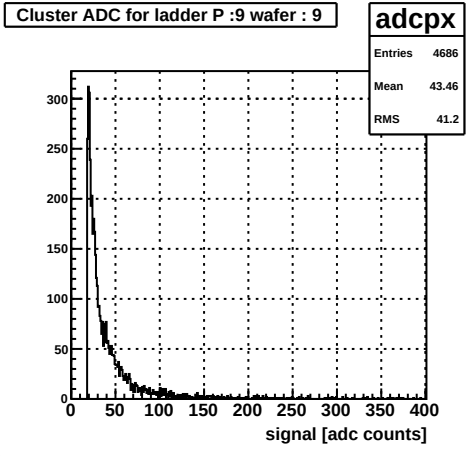

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 24988
Mean 36.96
RMS 34.38
signal [adc counts]

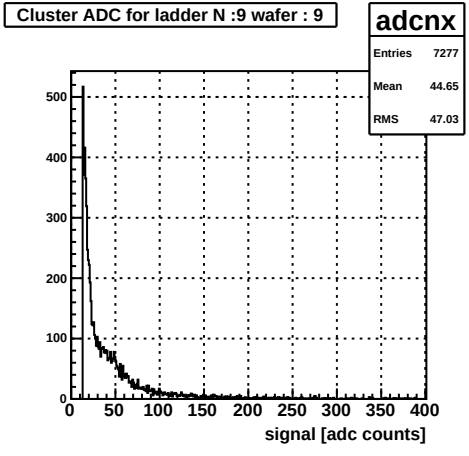

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 14810
Mean 37.25
RMS 38.11
signal [adc counts]

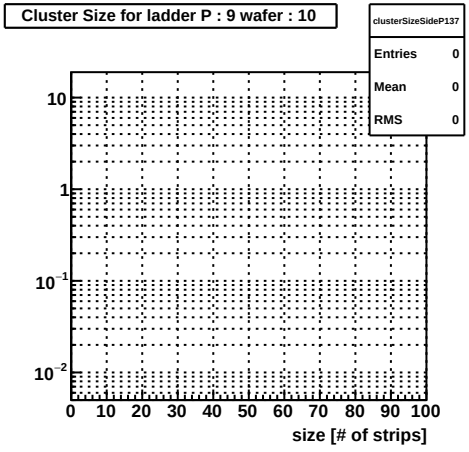

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 4686
Mean 1.168
RMS 0.4663
size [# of strips]

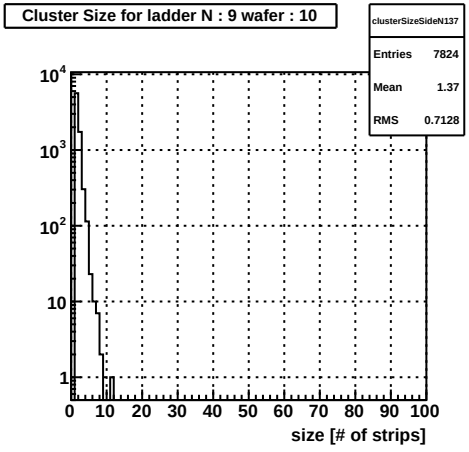

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 7277
Mean 1.294
RMS 0.6728
size [# of strips]

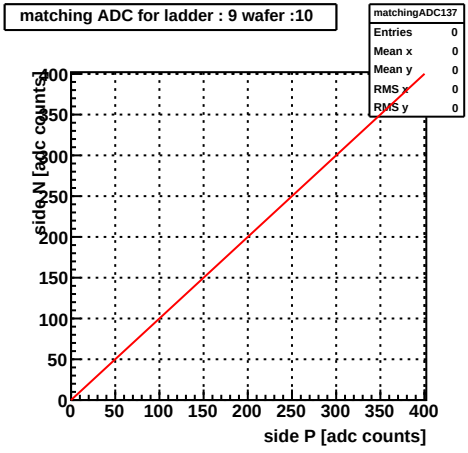

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 1427
Mean x 72.22
Mean y 60.85
RMS x 58.8
RMS y 51.45
side N [adc counts]
side P [adc counts]

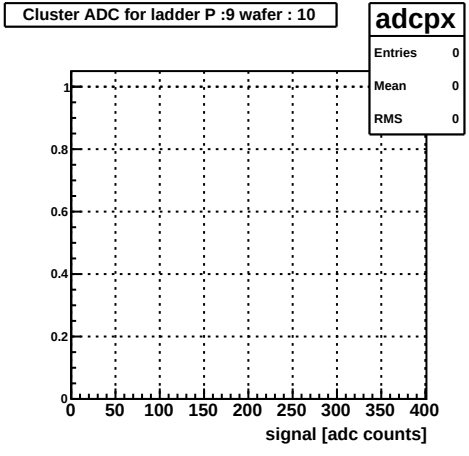

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 4686
Mean 43.46
RMS 41.2
signal [adc counts]

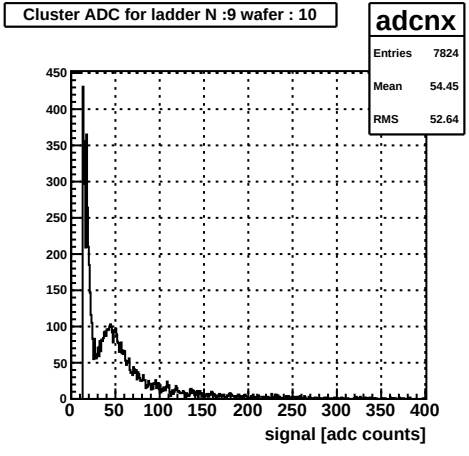

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 7277
Mean 44.65
RMS 47.03
signal [adc counts]

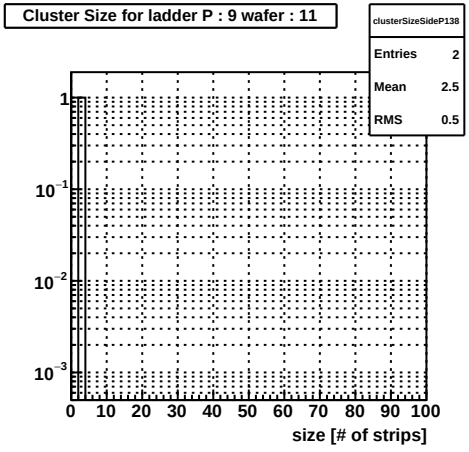

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

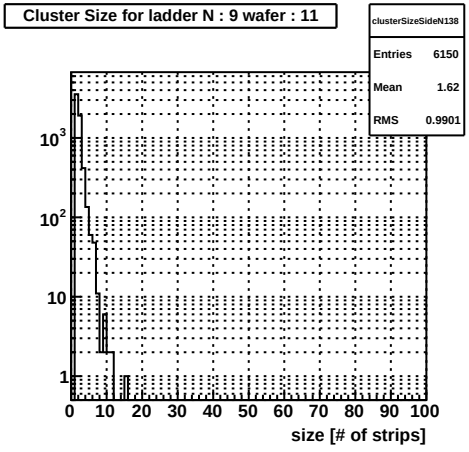

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 7824
Mean 1.37
RMS 0.7128
size [# of strips]

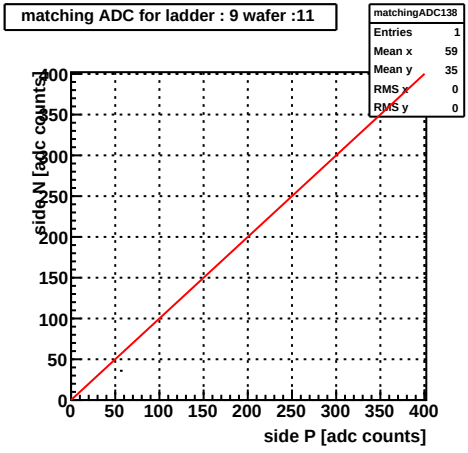

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

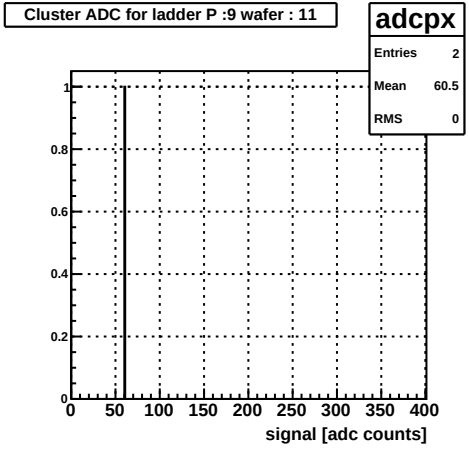

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

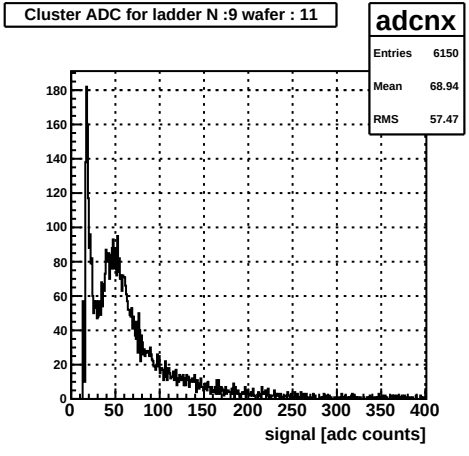

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 7824
Mean 54.45
RMS 52.64
signal [adc counts]

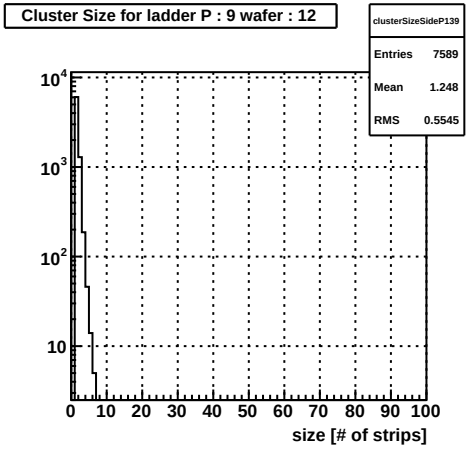

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 2
Mean 2.5
RMS 0.5
size [# of strips]

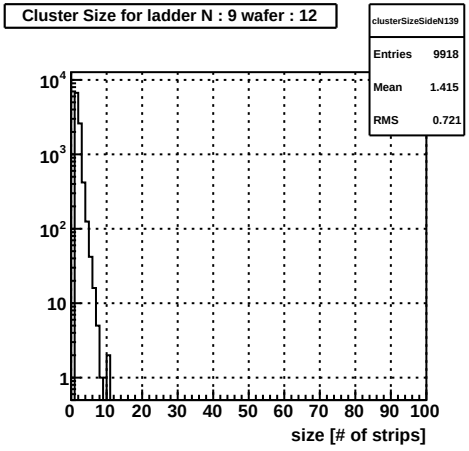

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 6150
Mean 1.62
RMS 0.9901
size [# of strips]

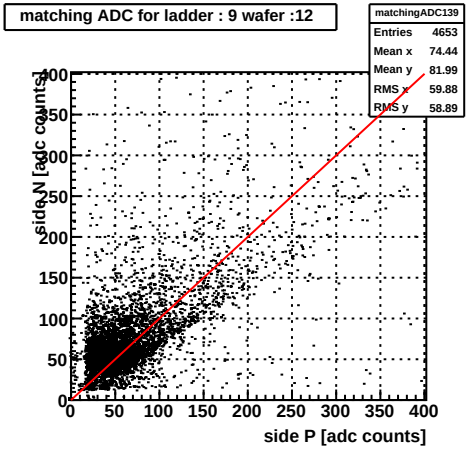

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 1
Mean x 59
Mean y 35
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

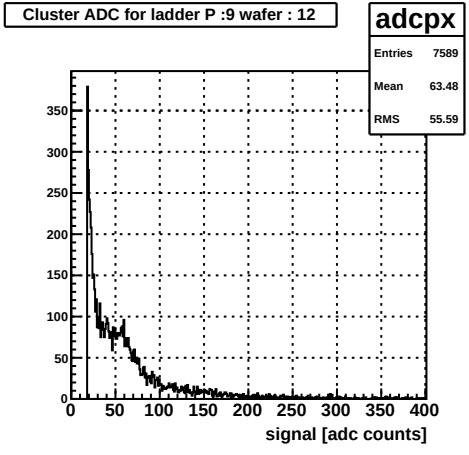

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 2
Mean 60.5
RMS 0
signal [adc counts]

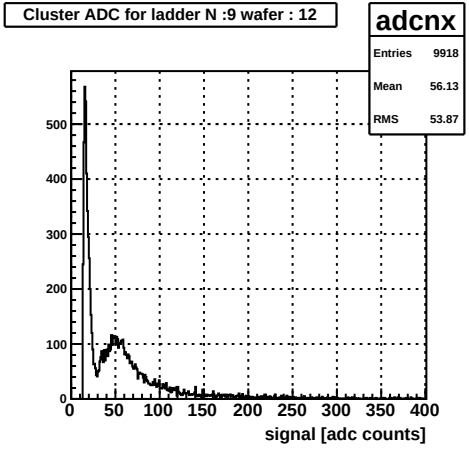

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 6150
Mean 68.94
RMS 57.47
signal [adc counts]

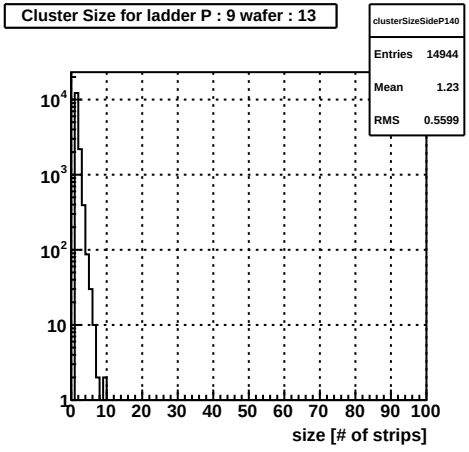

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 7589
Mean 1.248
RMS 0.5545
size [# of strips]

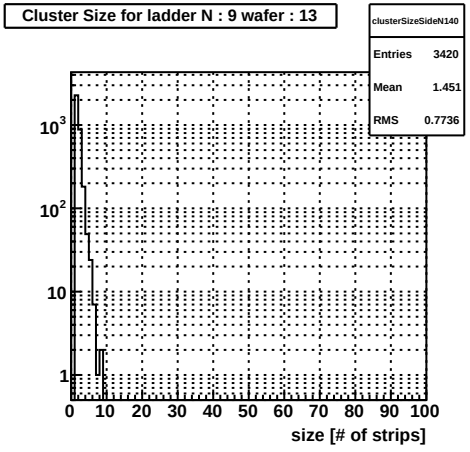

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 9918
Mean 1.415
RMS 0.721
size [# of strips]

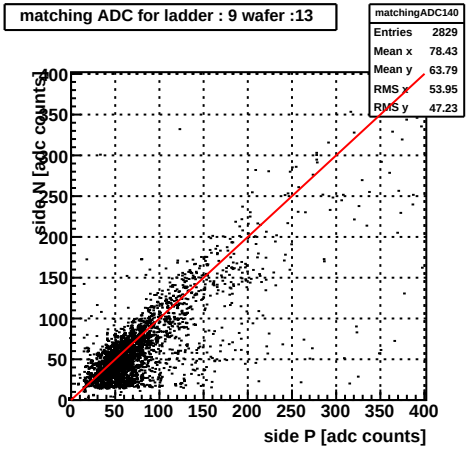

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 4653
Mean x 74.44
Mean y 81.99
RMS x 59.88
RMS y 58.89
side N [adc counts]
side P [adc counts]

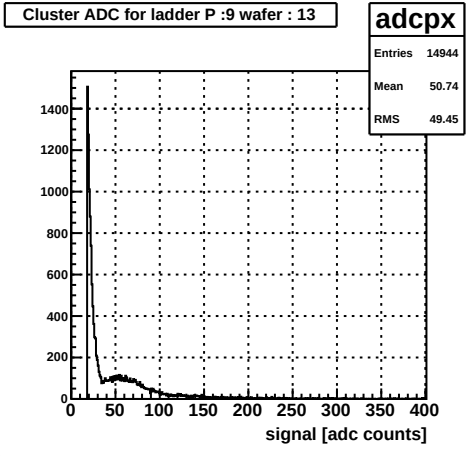

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 7589
Mean 63.48
RMS 55.59
signal [adc counts]

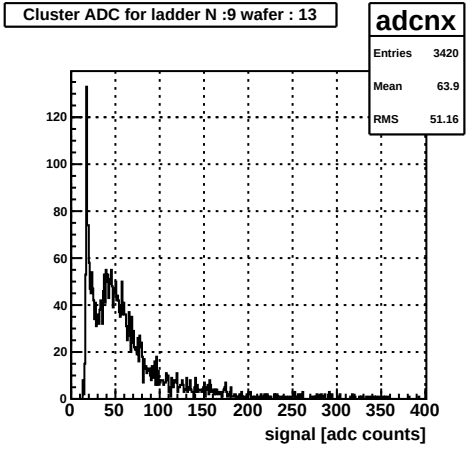

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 9918
Mean 56.13
RMS 53.87
signal [adc counts]

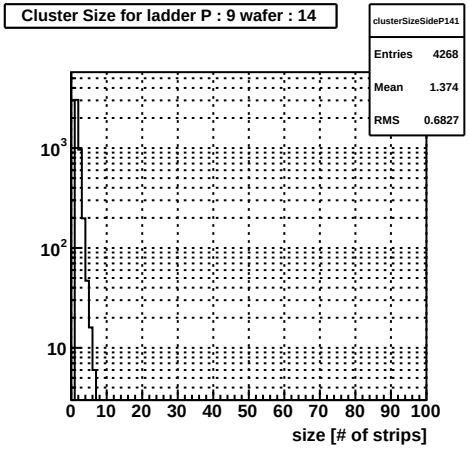

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 14944
Mean 1.23
RMS 0.5599
size [# of strips]

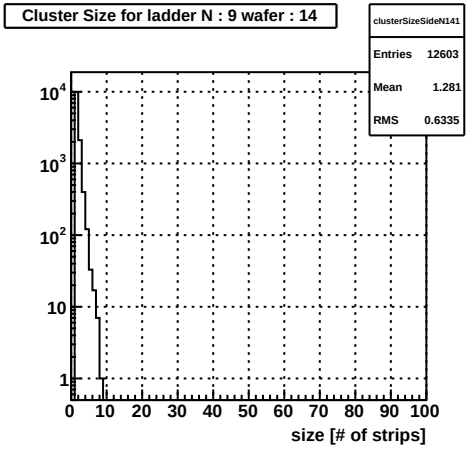

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 3420
Mean 1.451
RMS 0.7736
size [# of strips]

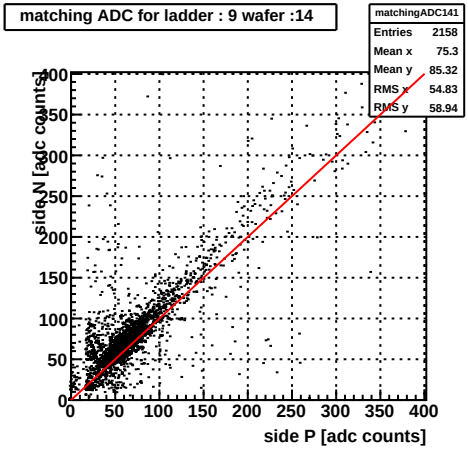

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 2829
Mean x 78.43
Mean y 63.79
RMS x 53.95
RMS y 47.23
side N [adc counts]
side P [adc counts]

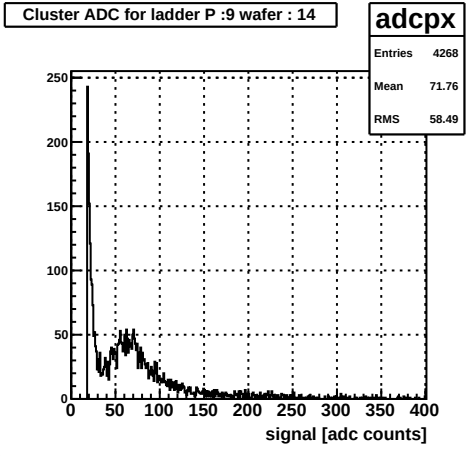

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 14944
Mean 50.74
RMS 49.45
signal [adc counts]

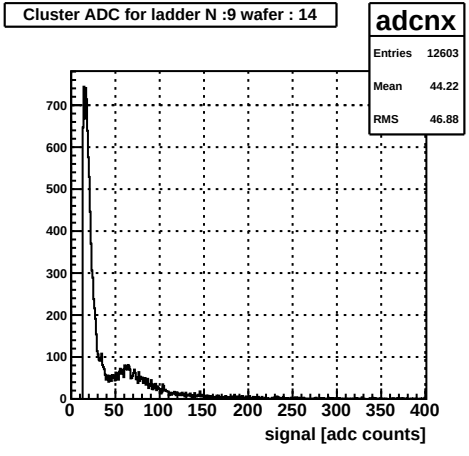

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 3420
Mean 63.9
RMS 51.16
signal [adc counts]

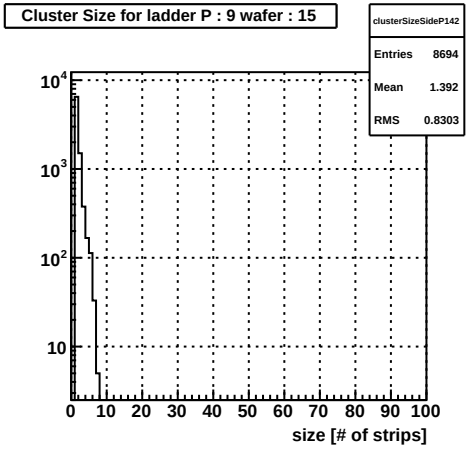

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 4268
Mean 1.374
RMS 0.6827
size [# of strips]

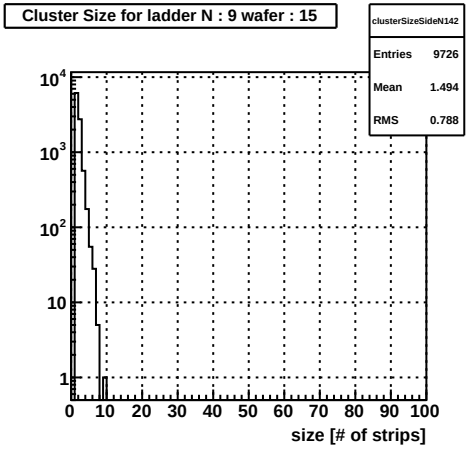

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 12603
Mean 1.281
RMS 0.6335
size [# of strips]

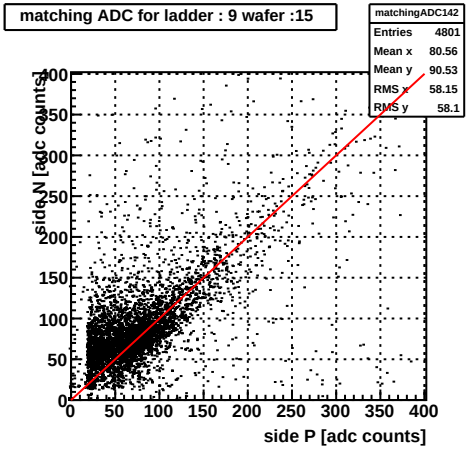

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 2158
Mean x 75.3
Mean y 85.32
RMS x 54.83
RMS y 58.94
side N [adc counts]
side P [adc counts]

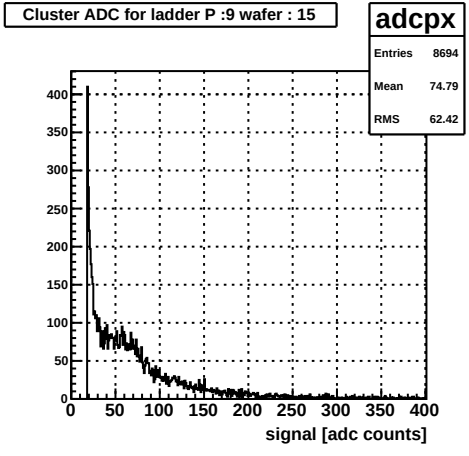

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 4268
Mean 71.76
RMS 58.49
signal [adc counts]

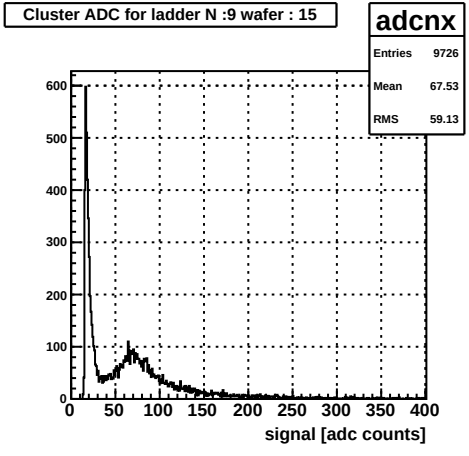

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 12603
Mean 44.22
RMS 46.88
signal [adc counts]

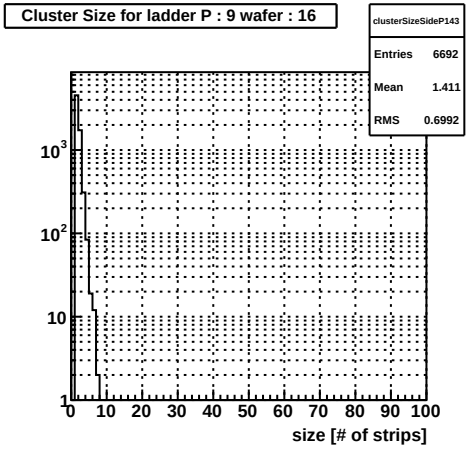

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 8694
Mean 1.392
RMS 0.8303
size [# of strips]

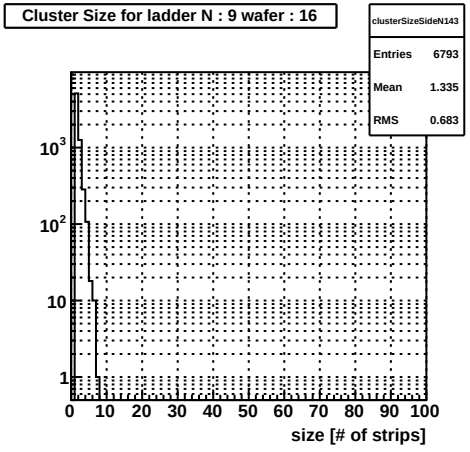

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 9726
Mean 1.494
RMS 0.788
size [# of strips]

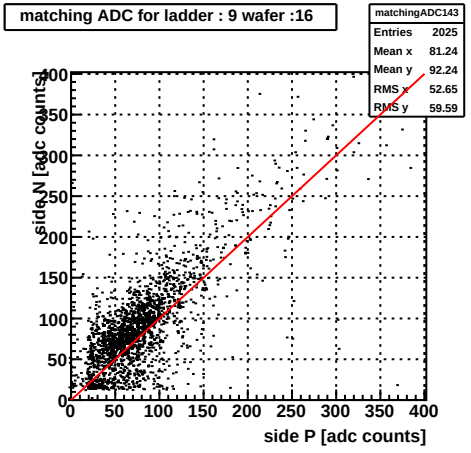

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 4801
Mean x 80.56
Mean y 90.53
RMS x 58.15
RMS y 58.1
side N [adc counts]
side P [adc counts]

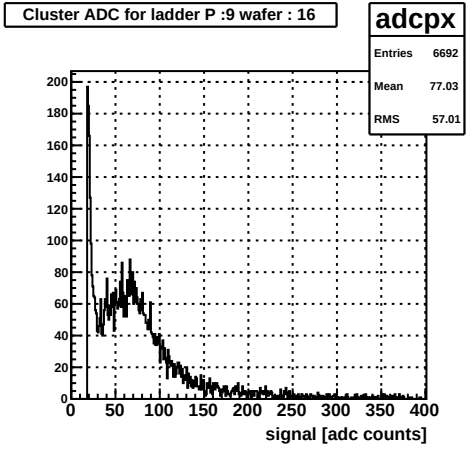

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 8694
Mean 74.79
RMS 62.42
signal [adc counts]

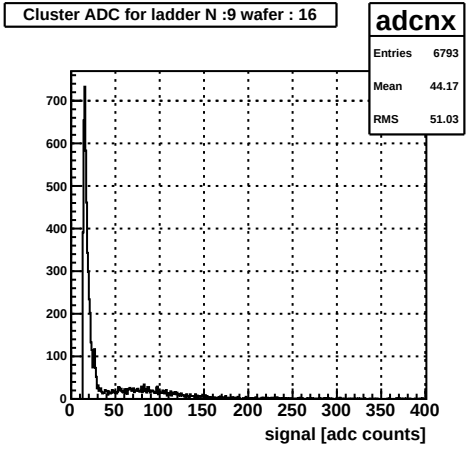

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 9726
Mean 67.53
RMS 59.13
signal [adc counts]

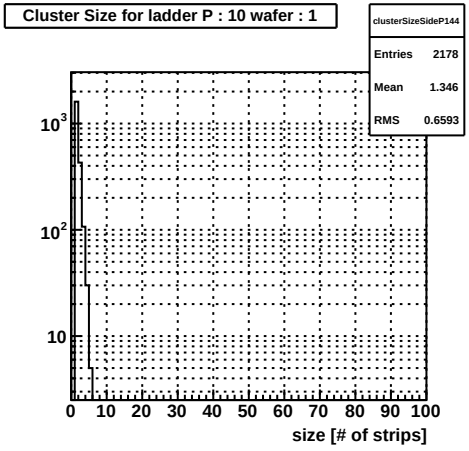

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 6692
Mean 1.411
RMS 0.6992
size [# of strips]

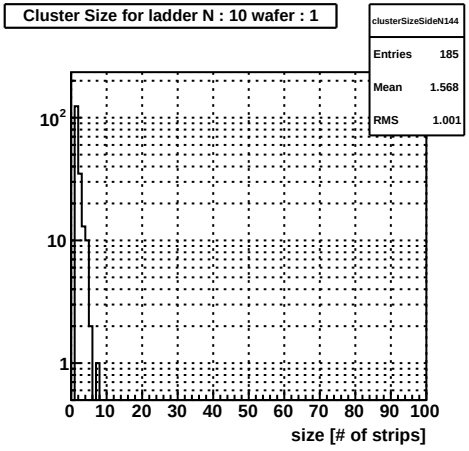

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 6793
Mean 1.335
RMS 0.683
size [# of strips]

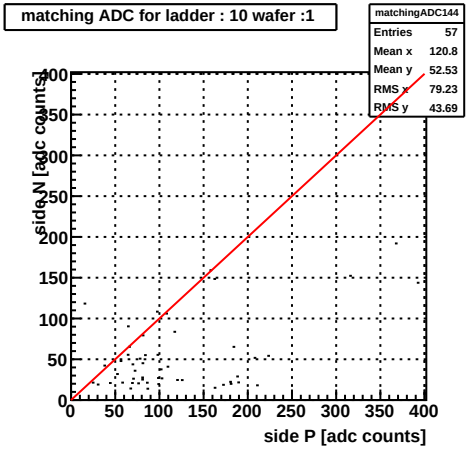

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 2025
Mean x 81.24
Mean y 92.24
RMS x 52.65
RMS y 59.59
side N [adc counts]
side P [adc counts]

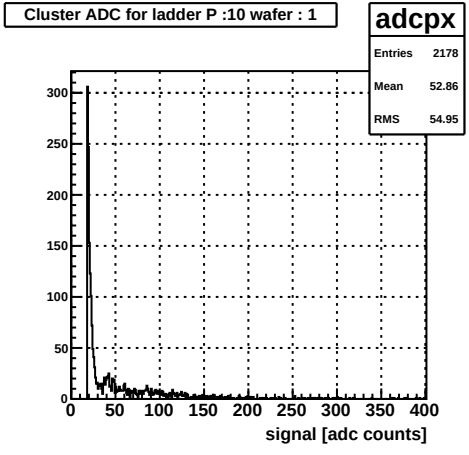

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 6692
Mean 77.03
RMS 57.01
signal [adc counts]

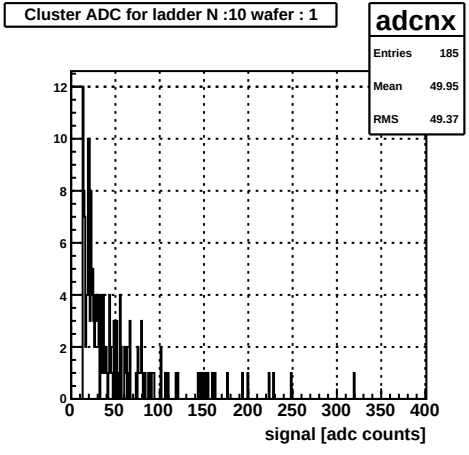

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 6793
Mean 44.17
RMS 51.03
signal [adc counts]

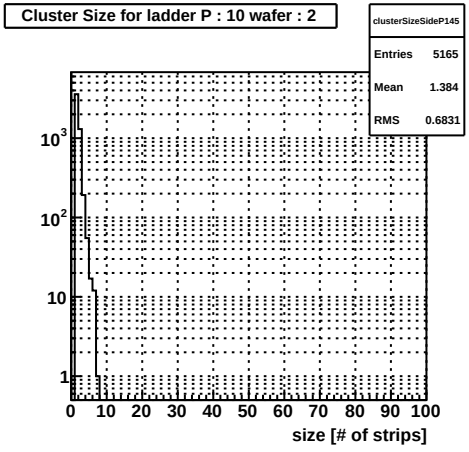

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 2178
Mean 1.346
RMS 0.6593
size [# of strips]

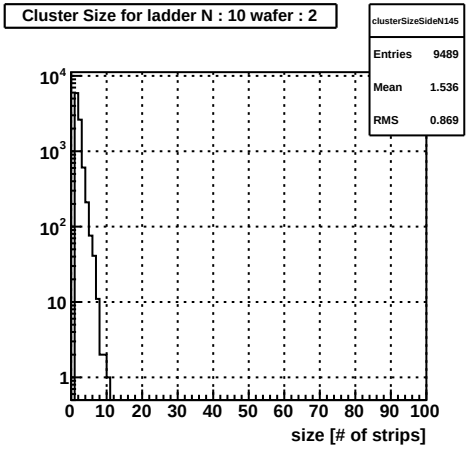

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 185
Mean 1.568
RMS 1.001
size [# of strips]

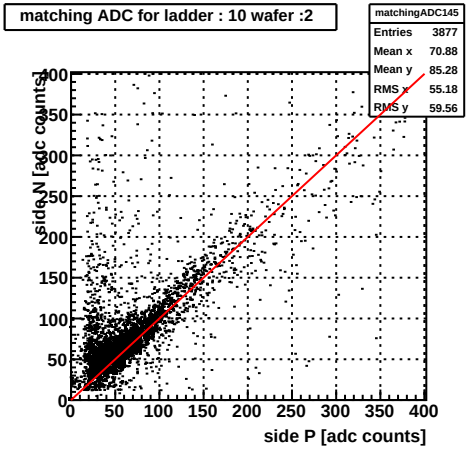

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 57
Mean x 120.8
Mean y 52.53
RMS x 79.23
RMS y 43.69
side N [adc counts]
side P [adc counts]

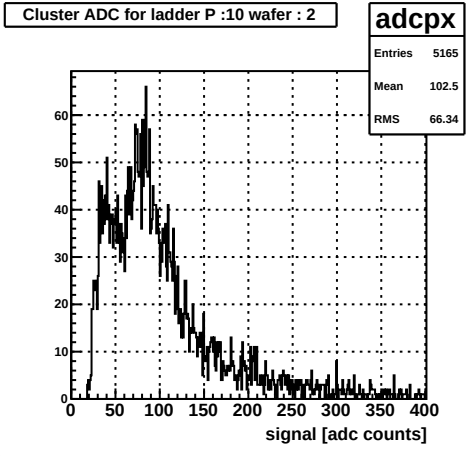

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 2178
Mean 52.86
RMS 54.95
signal [adc counts]

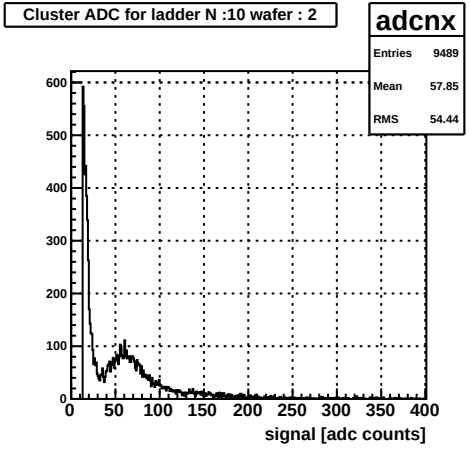

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 185
Mean 49.95
RMS 49.37
signal [adc counts]

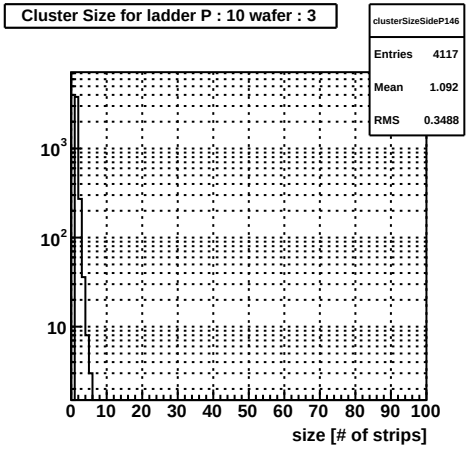

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 5165
Mean 1.384
RMS 0.6831
size [# of strips]

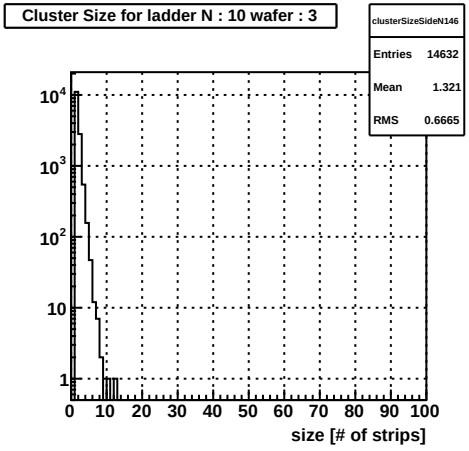

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 9489
Mean 1.536
RMS 0.869
size [# of strips]

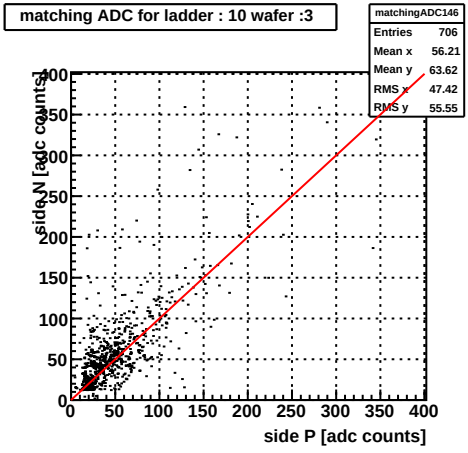

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 3877
Mean x 70.88
Mean y 85.28
RMS x 55.18
RMS y 59.56
side N [adc counts]
side P [adc counts]

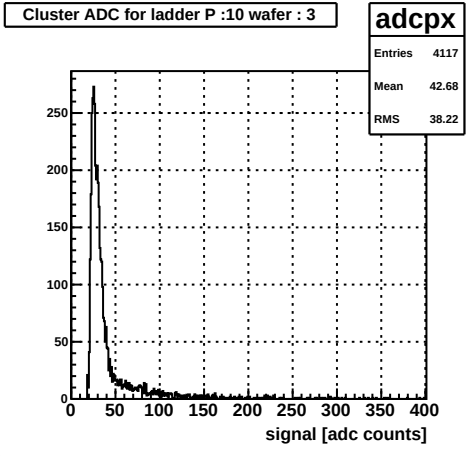

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 5165
Mean 102.5
RMS 66.34
signal [adc counts]

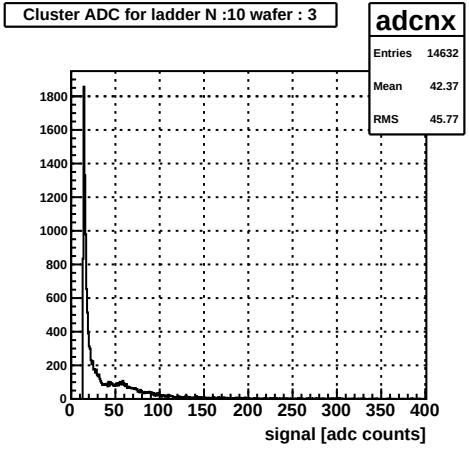

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 9489
Mean 57.85
RMS 54.44
signal [adc counts]

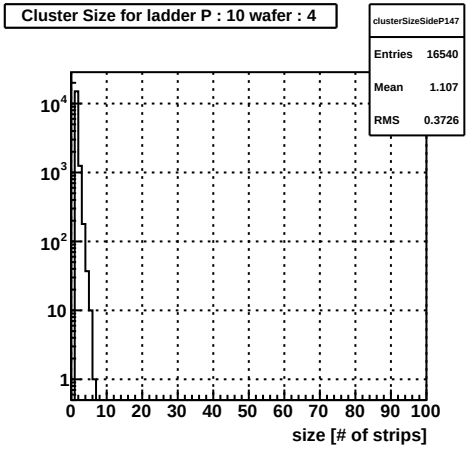

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 4117
Mean 1.092
RMS 0.3488
size [# of strips]

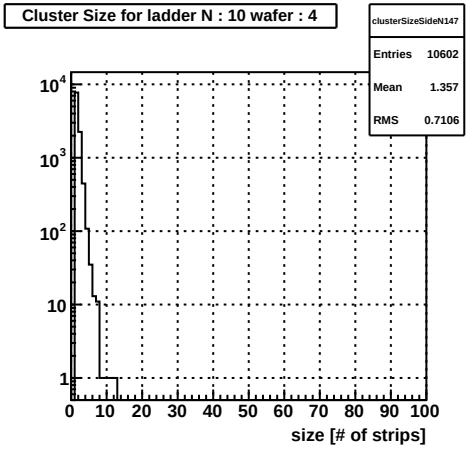

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 14632
Mean 1.321
RMS 0.6665
size [# of strips]

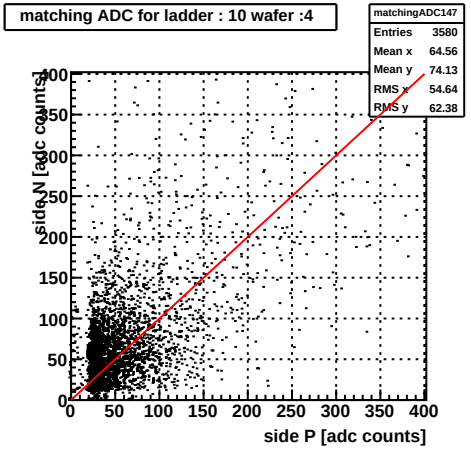

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 706
Mean x 56.21
Mean y 63.62
RMS x 47.42
RMS y 55.55
side N [adc counts]
side P [adc counts]

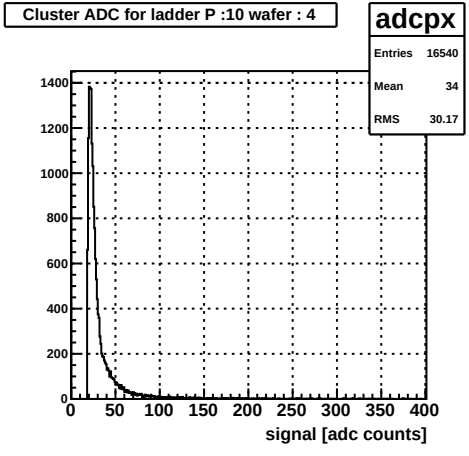

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 4117
Mean 42.68
RMS 38.22
signal [adc counts]

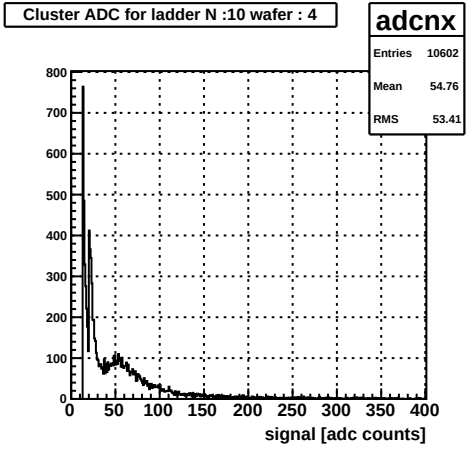

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 14632
Mean 42.37
RMS 45.77
signal [adc counts]

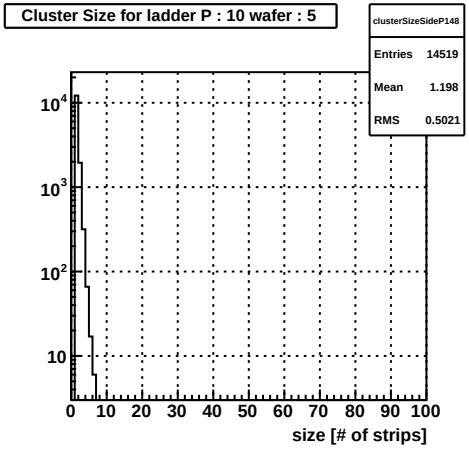

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 16540
Mean 1.107
RMS 0.3726
size [# of strips]

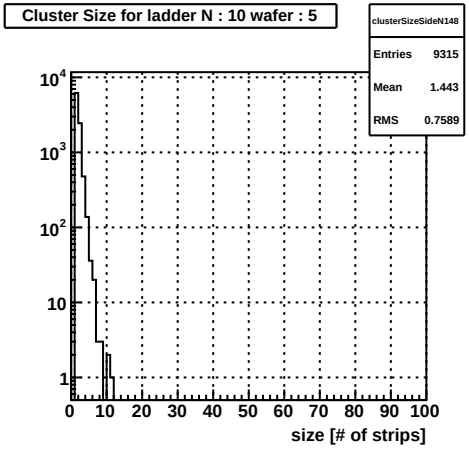

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 10602
Mean 1.357
RMS 0.7106
size [# of strips]

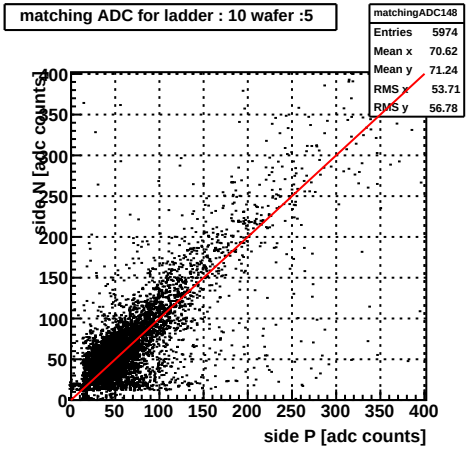

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 3580
Mean x 64.56
Mean y 74.13
RMS x 54.64
RMS y 62.38
side N [adc counts]
side P [adc counts]

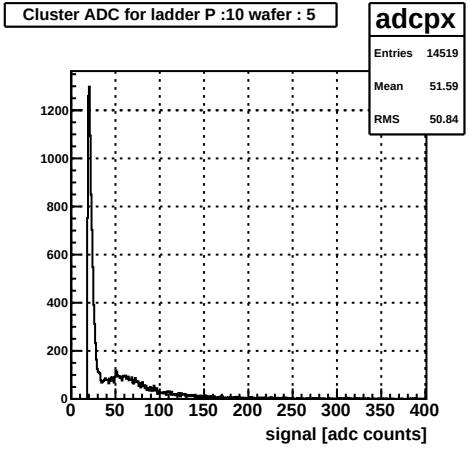

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 16540
Mean 34
RMS 30.17
signal [adc counts]

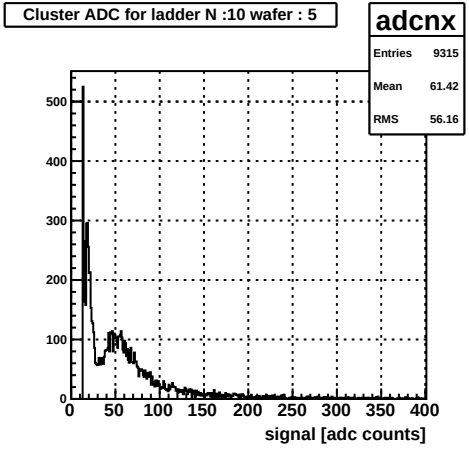

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 10602
Mean 54.76
RMS 53.41
signal [adc counts]

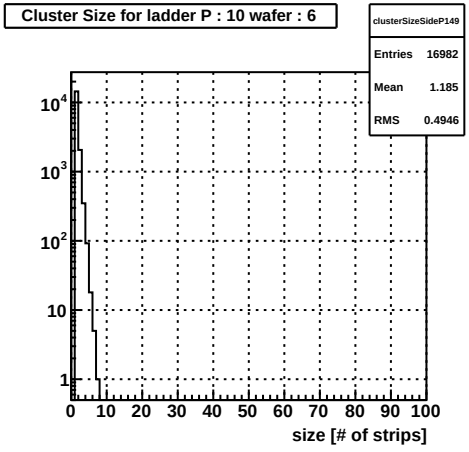

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 14519
Mean 1.198
RMS 0.5021
size [# of strips]

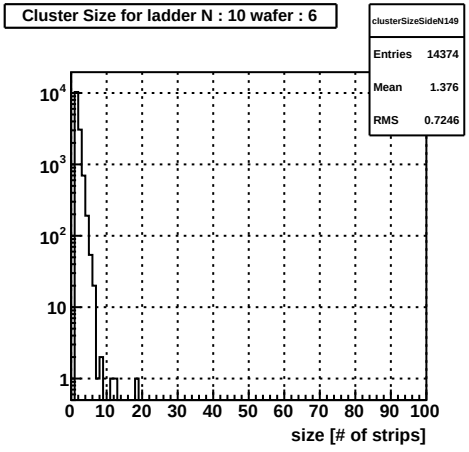

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 9315
Mean 1.443
RMS 0.7589
size [# of strips]

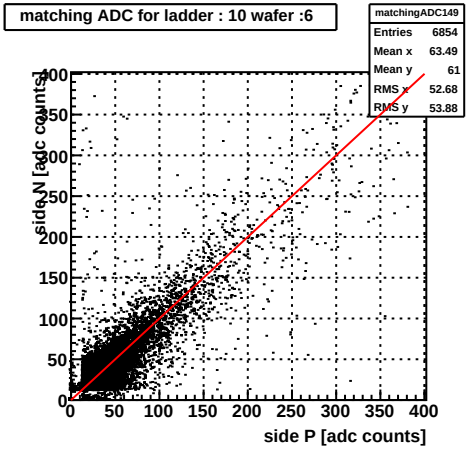

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 5974
Mean x 70.62
Mean y 71.24
RMS x 53.71
RMS y 56.78
side N [adc counts]
side P [adc counts]

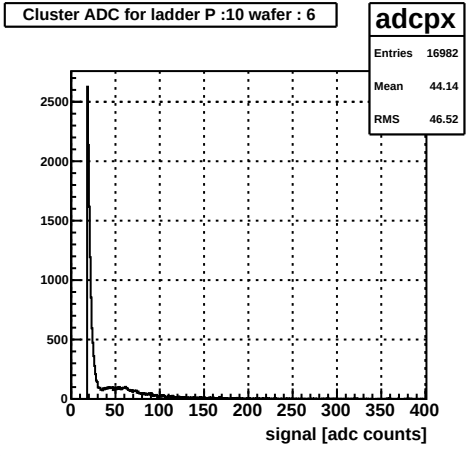

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 14519
Mean 51.59
RMS 50.84
signal [adc counts]

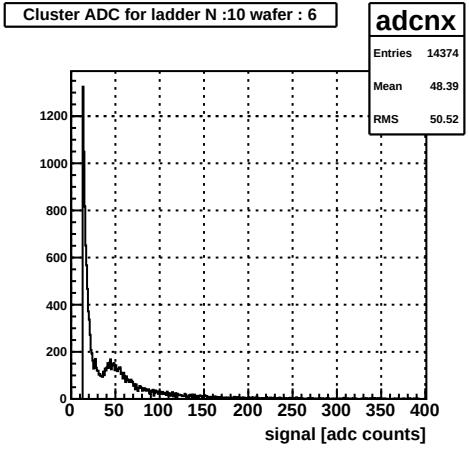

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 9315
Mean 61.42
RMS 56.16
signal [adc counts]

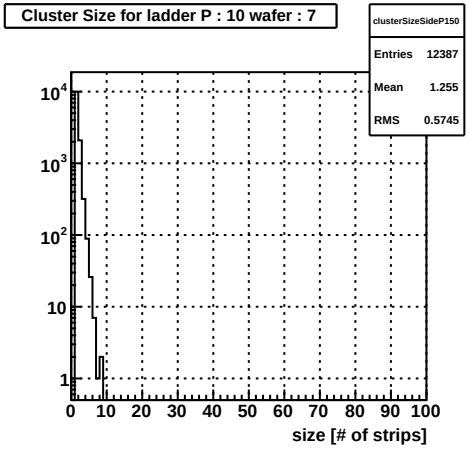

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 16982
Mean 1.185
RMS 0.4946
size [# of strips]

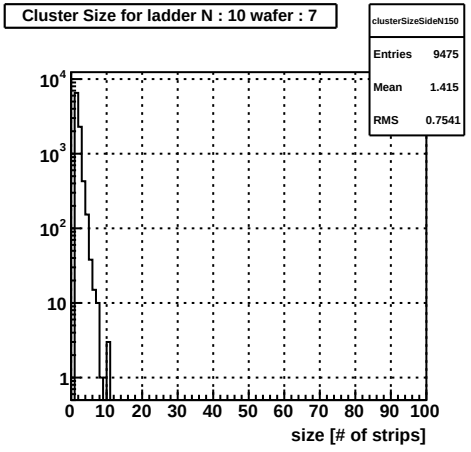

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 14374
Mean 1.376
RMS 0.7246
size [# of strips]

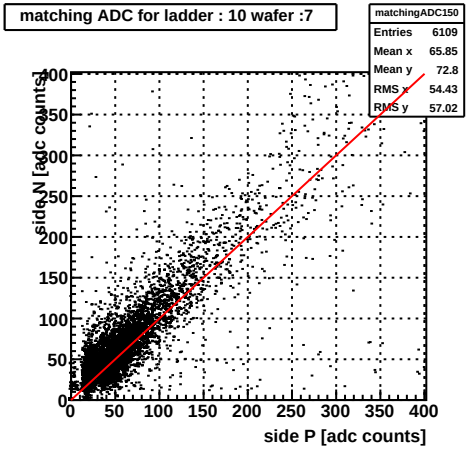

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 6854
Mean x 63.49
Mean y 61
RMS x 52.68
RMS y 53.88
side N [adc counts]
side P [adc counts]

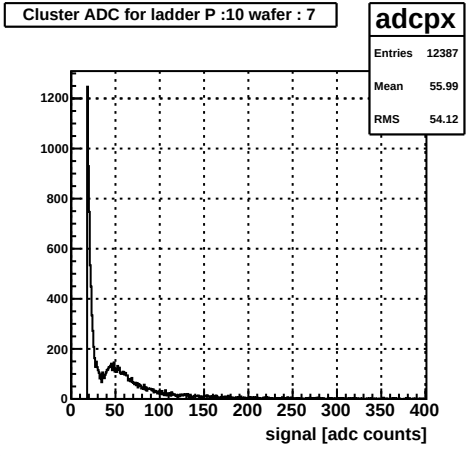

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 16982
Mean 44.14
RMS 46.52
signal [adc counts]

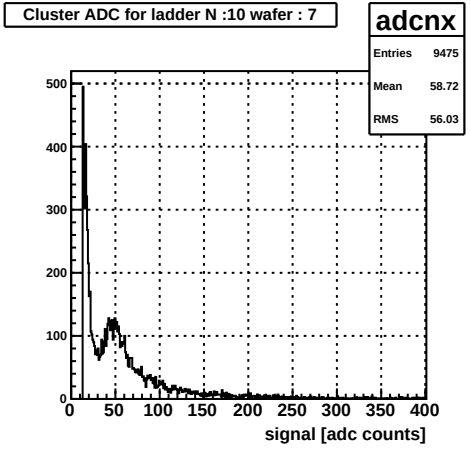

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 14374
Mean 48.39
RMS 50.52
signal [adc counts]

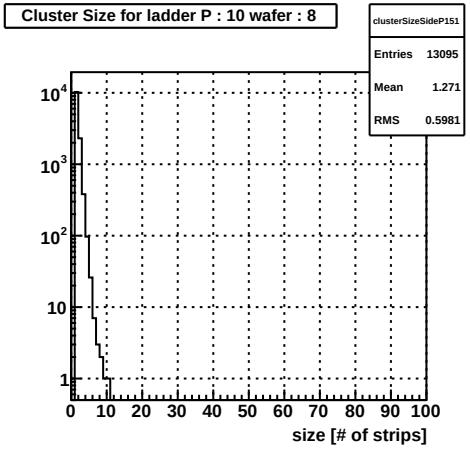

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 12387
Mean 1.255
RMS 0.5745
size [# of strips]

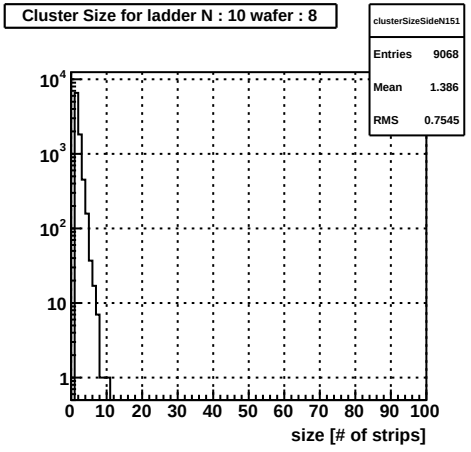

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 9475
Mean 1.415
RMS 0.7541
size [# of strips]

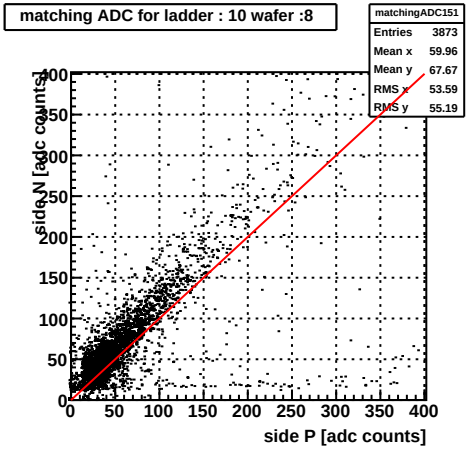

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 6109
Mean x 65.85
Mean y 72.8
RMS x 54.43
RMS y 57.02
side N [adc counts]
side P [adc counts]

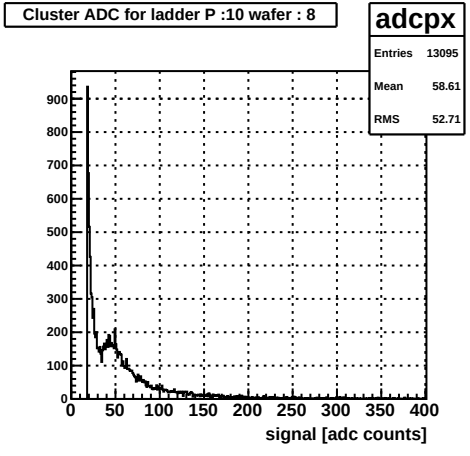

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 12387
Mean 55.99
RMS 54.12
signal [adc counts]

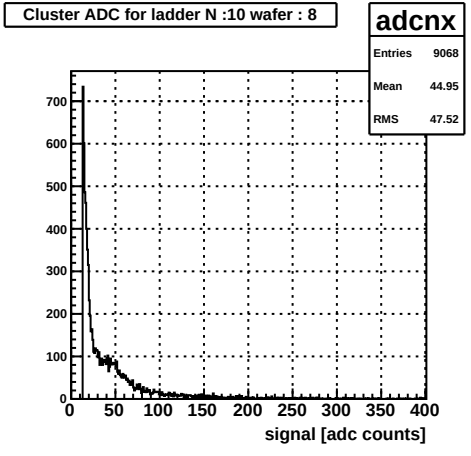

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 9475
Mean 58.72
RMS 56.03
signal [adc counts]

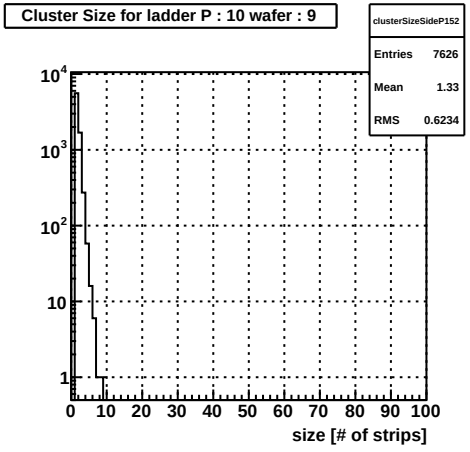

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 13095
Mean 1.271
RMS 0.5981
size [# of strips]

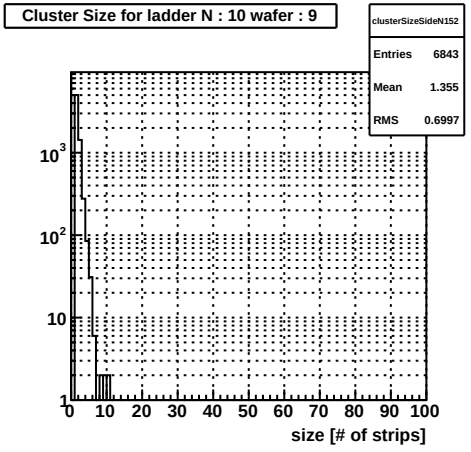

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 9068
Mean 1.386
RMS 0.7545
size [# of strips]

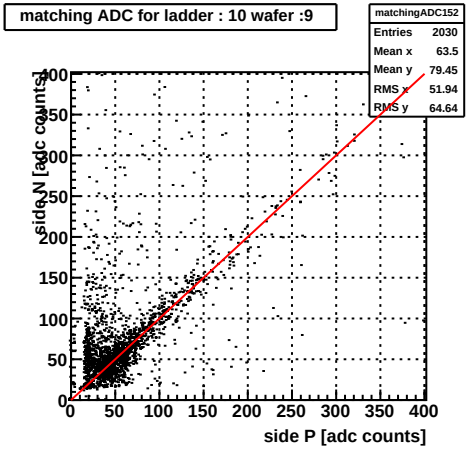

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 3873
Mean x 59.96
Mean y 67.67
RMS x 53.59
RMS y 55.19
side N [adc counts]
side P [adc counts]

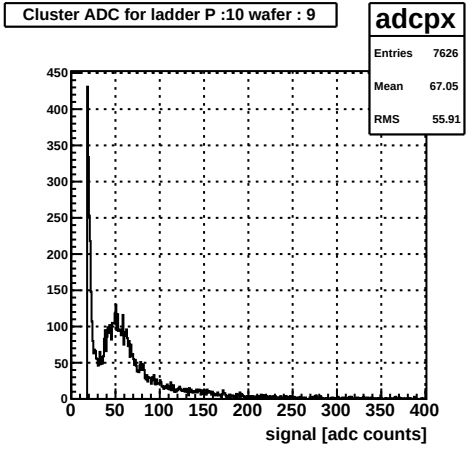

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 13095
Mean 58.61
RMS 52.71
signal [adc counts]

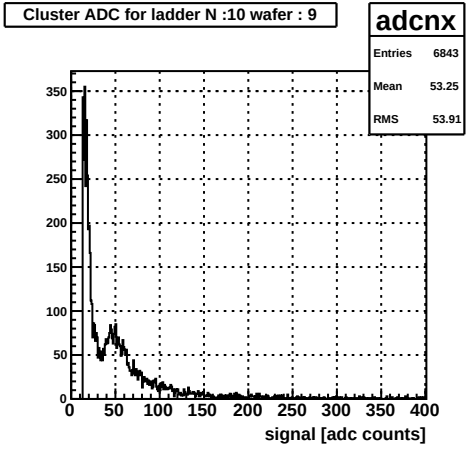

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 9068
Mean 44.95
RMS 47.52
signal [adc counts]

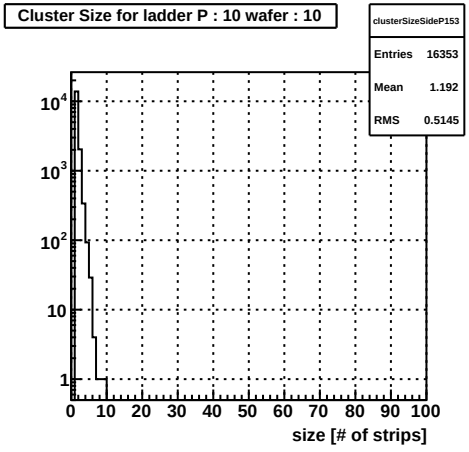

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 7626
Mean 1.33
RMS 0.6234
size [# of strips]

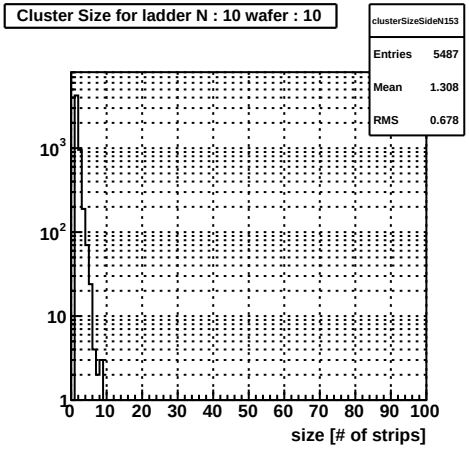

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 6843
Mean 1.355
RMS 0.6997
size [# of strips]

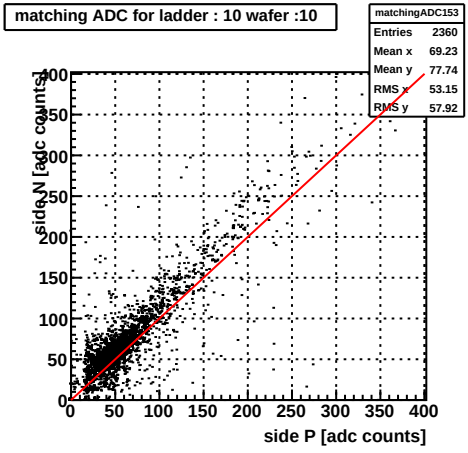

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 2030
Mean x 63.5
Mean y 79.45
RMS x 51.94
RMS y 64.64
side N [adc counts]
side P [adc counts]

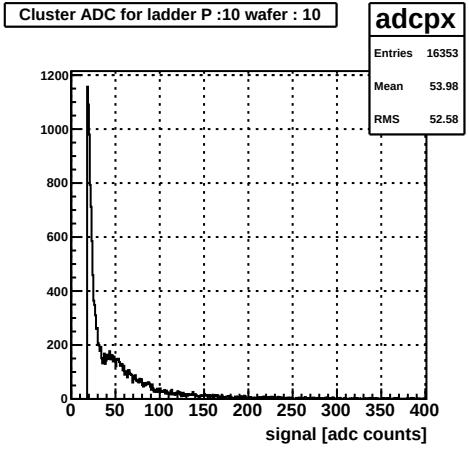

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 7626
Mean 67.05
RMS 55.91
signal [adc counts]

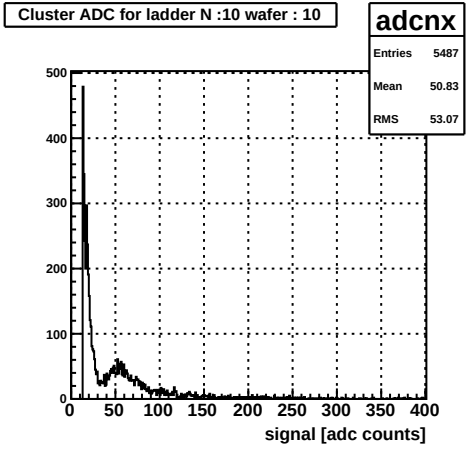

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 6843
Mean 53.25
RMS 53.91
signal [adc counts]

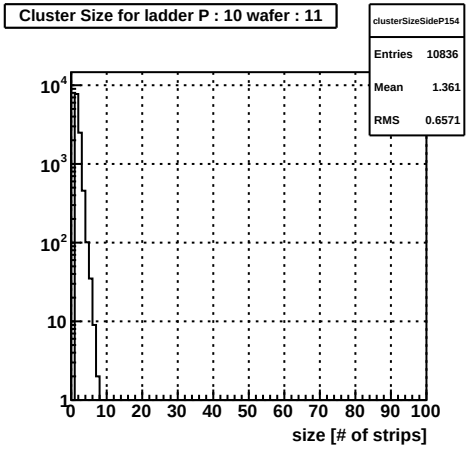

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 16353
Mean 1.192
RMS 0.5145
size [# of strips]

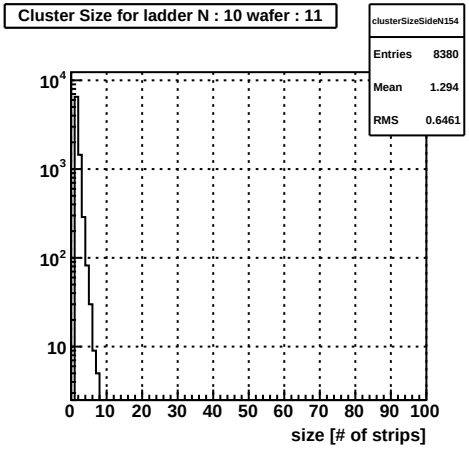

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 5487
Mean 1.308
RMS 0.678
size [# of strips]

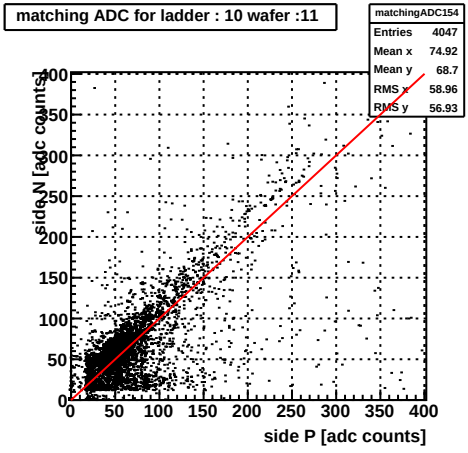

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 2360
Mean x 69.23
Mean y 77.74
RMS x 53.15
RMS y 57.92
side N [adc counts]
side P [adc counts]

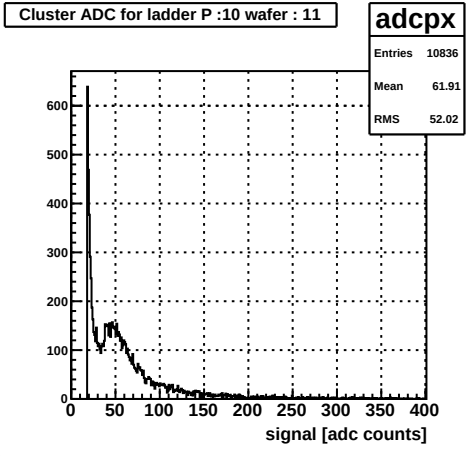

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 16353
Mean 53.98
RMS 52.58
signal [adc counts]

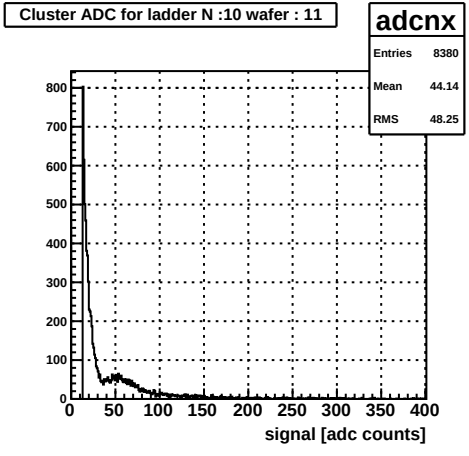

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 5487
Mean 50.83
RMS 53.07
signal [adc counts]

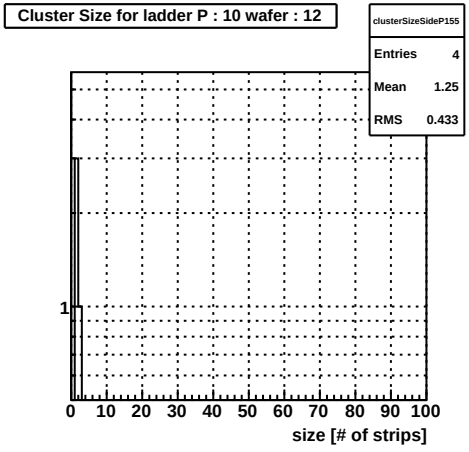

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 10836
Mean 1.361
RMS 0.6571
size [# of strips]

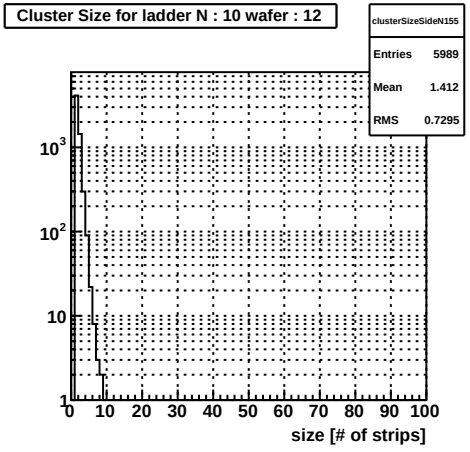

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 8380
Mean 1.294
RMS 0.6461
size [# of strips]

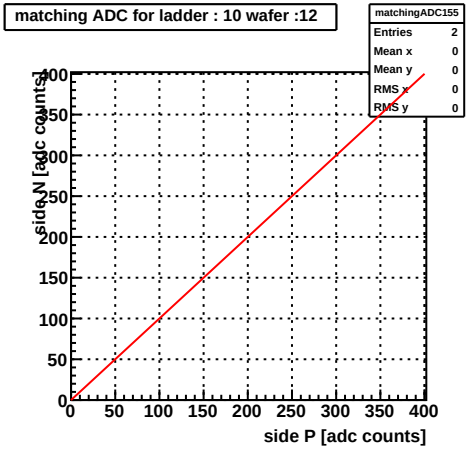

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 4047
Mean x 74.92
Mean y 68.7
RMS x 58.96
RMS y 56.93
side N [adc counts]
side P [adc counts]

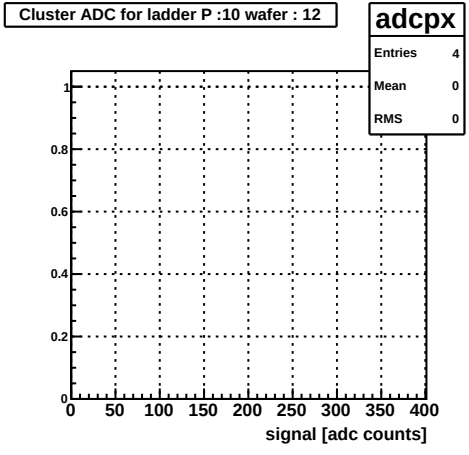

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 10836
Mean 61.91
RMS 52.02
signal [adc counts]

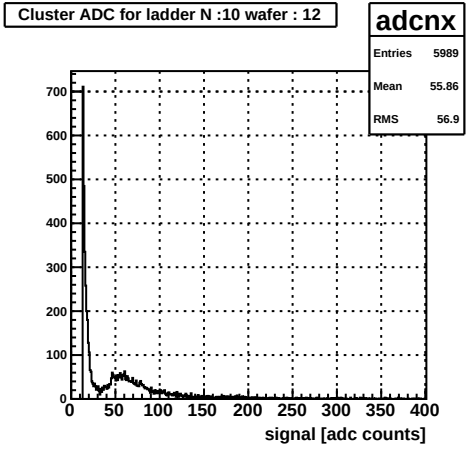

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 8380
Mean 44.14
RMS 48.25
signal [adc counts]

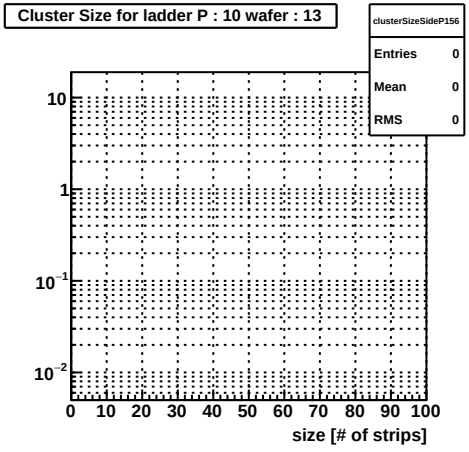

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 4
Mean 1.25
RMS 0.433
size [# of strips]

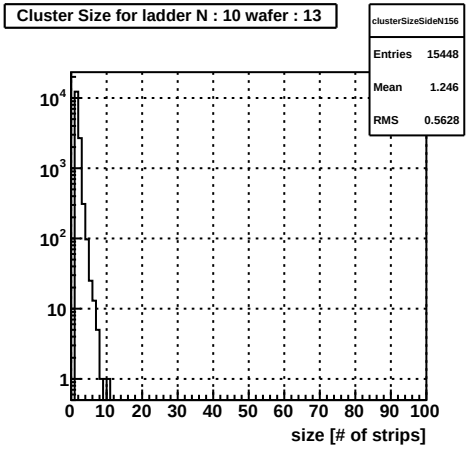

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 5989
Mean 1.412
RMS 0.7295
size [# of strips]

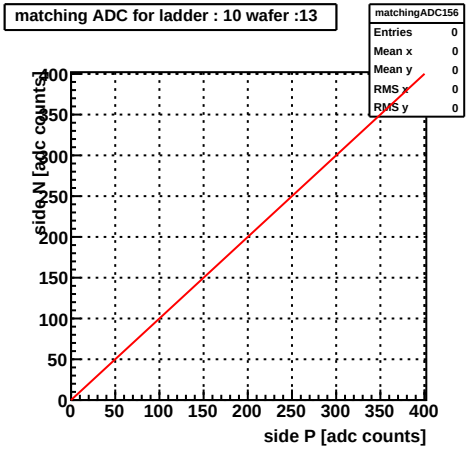

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

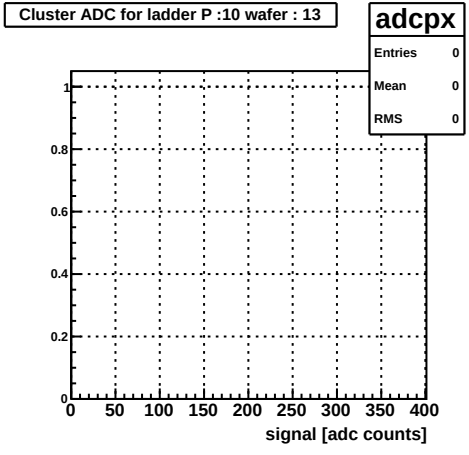

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

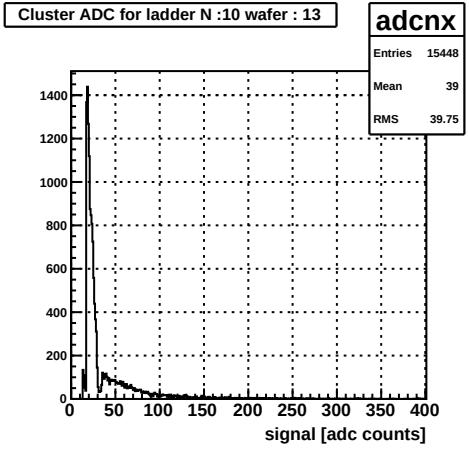

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 5989
Mean 55.86
RMS 56.9
signal [adc counts]

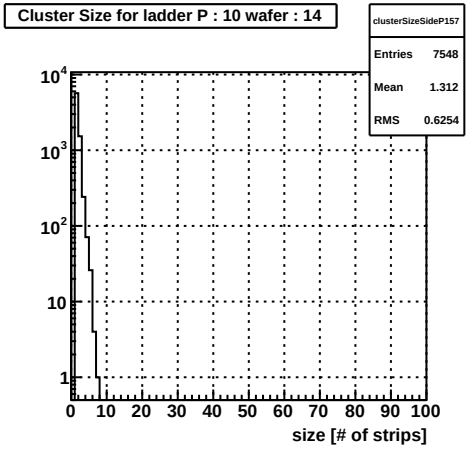

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

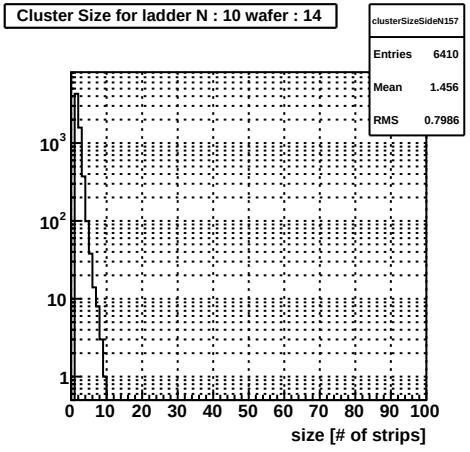

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 15448
Mean 1.246
RMS 0.5628
size [# of strips]

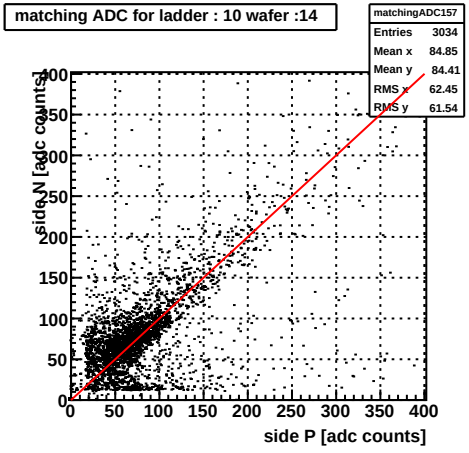

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

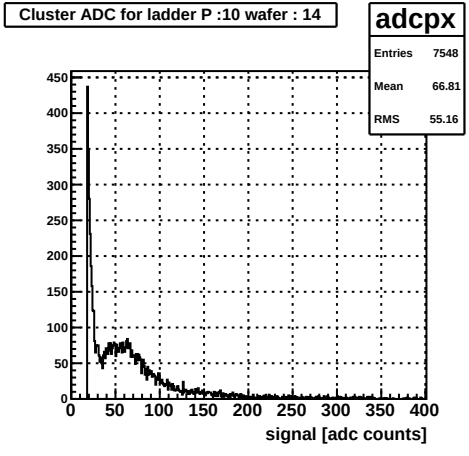

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

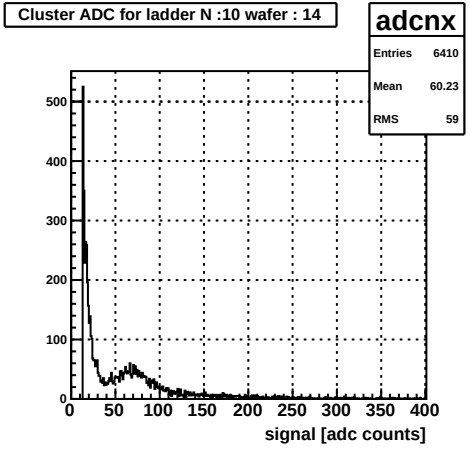

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 15448
Mean 39
RMS 39.75
signal [adc counts]

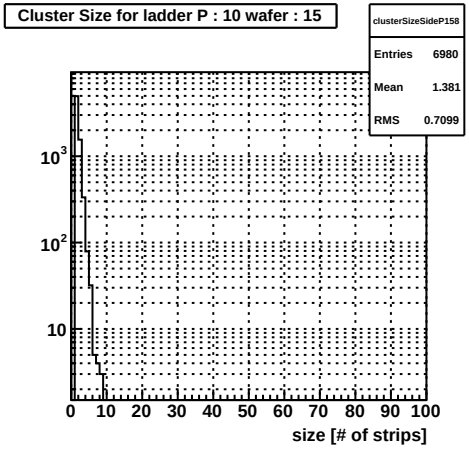

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 7548
Mean 1.312
RMS 0.6254
size [# of strips]

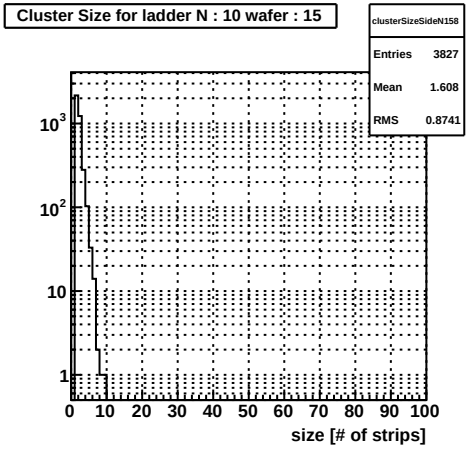

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 6410
Mean 1.456
RMS 0.7986
size [# of strips]

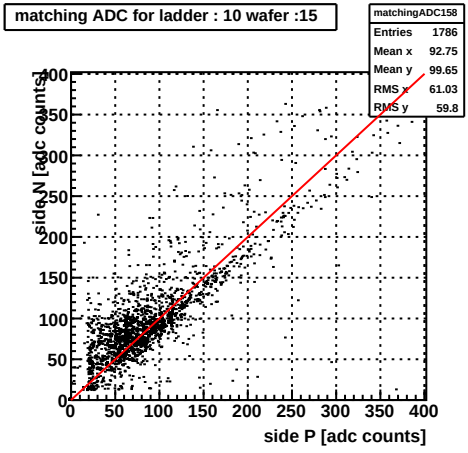

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 3034
Mean x 84.85
Mean y 84.41
RMS x 62.45
RMS y 61.54
side N [adc counts]
side P [adc counts]

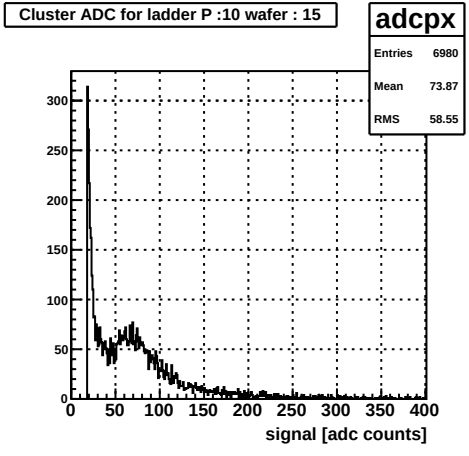

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 7548
Mean 66.81
RMS 55.16
signal [adc counts]

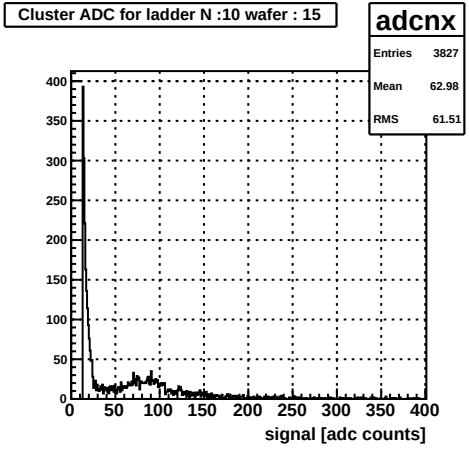

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 6410
Mean 60.23
RMS 59
signal [adc counts]

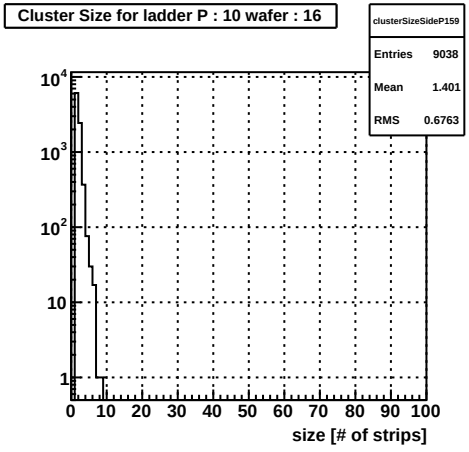

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 6980
Mean 1.381
RMS 0.7099
size [# of strips]

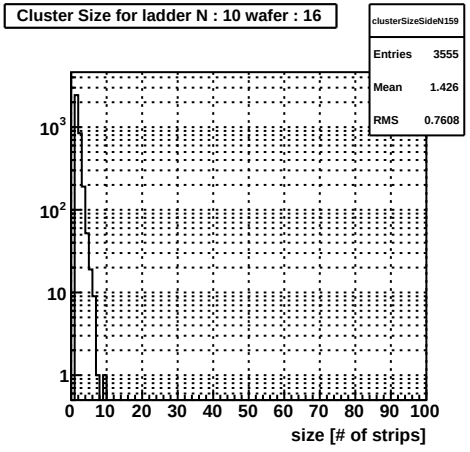

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 3827
Mean 1.608
RMS 0.8741
size [# of strips]

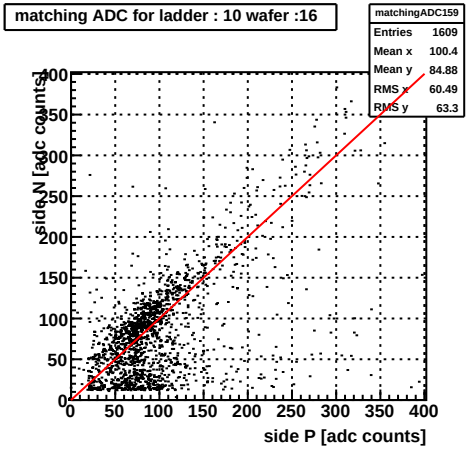

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 1786
Mean x 92.75
Mean y 99.65
RMS x 61.03
RMS y 59.8
side N [adc counts]
side P [adc counts]

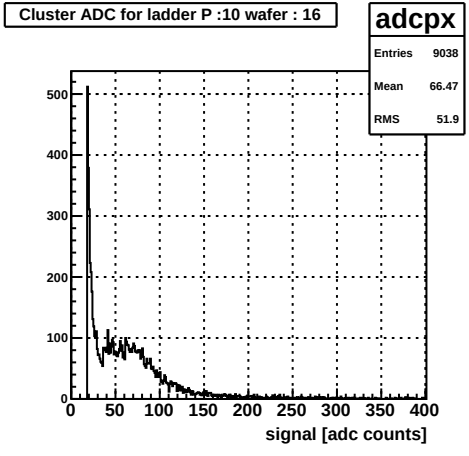

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 6980
Mean 73.87
RMS 58.55
signal [adc counts]

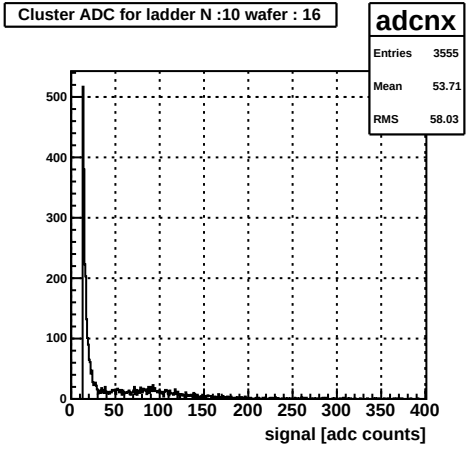

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 3827
Mean 62.98
RMS 61.51
signal [adc counts]

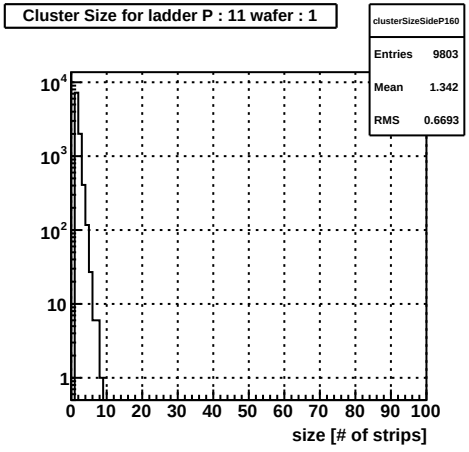

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 9038
Mean 1.401
RMS 0.6763
size [# of strips]

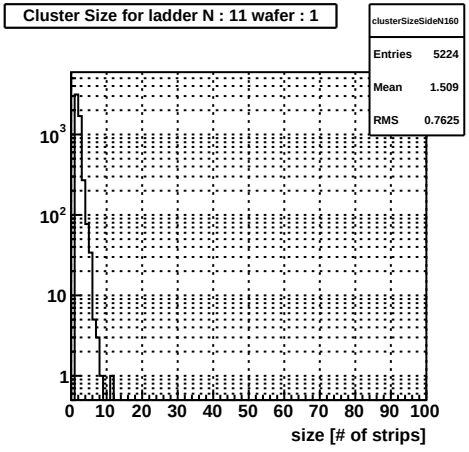

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 3555
Mean 1.426
RMS 0.7608
size [# of strips]

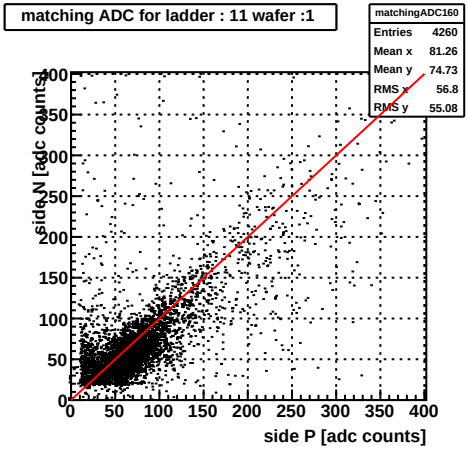

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 1609
Mean x 100.4
Mean y 84.88
RMS x 60.49
RMS y 63.3
side N [adc counts]
side P [adc counts]

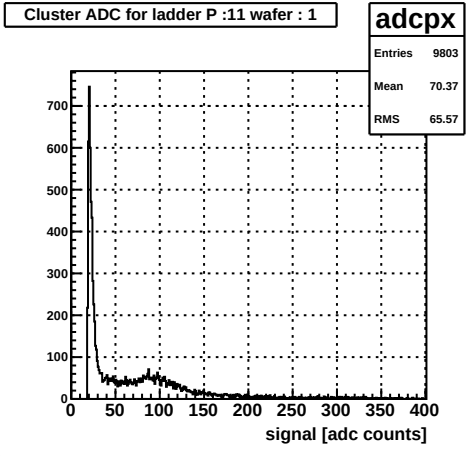

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 9038
Mean 66.47
RMS 51.9
signal [adc counts]

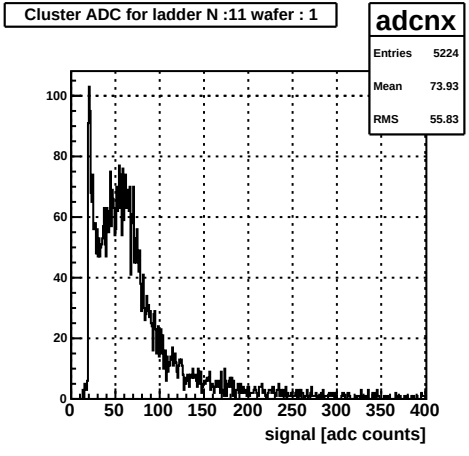

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 3555
Mean 53.71
RMS 58.03
signal [adc counts]

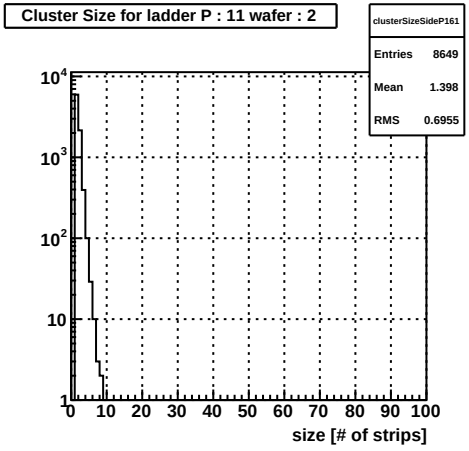

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 9803
Mean 1.342
RMS 0.6693
size [# of strips]

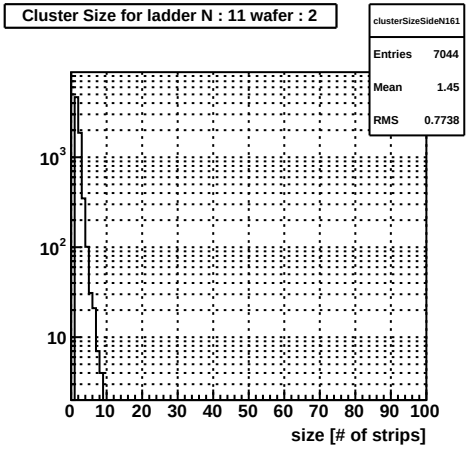

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 5224
Mean 1.509
RMS 0.7625
size [# of strips]

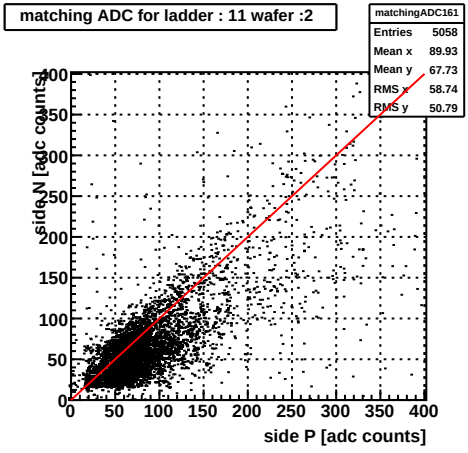

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 4260
Mean x 81.26
Mean y 74.73
RMS x 56.8
RMS y 55.08
side N [adc counts]
side P [adc counts]

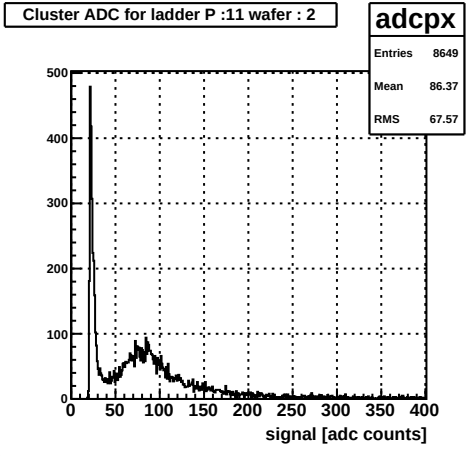

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 9803
Mean 70.37
RMS 65.57
signal [adc counts]

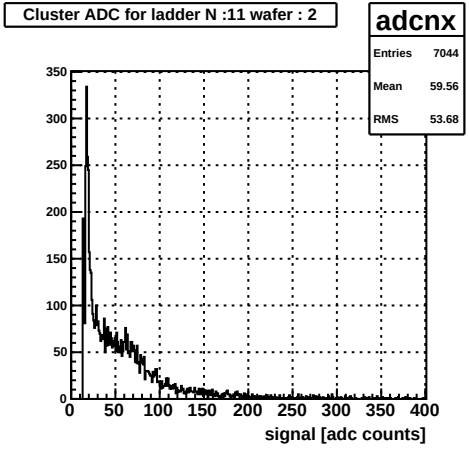

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 5224
Mean 73.93
RMS 55.83
signal [adc counts]

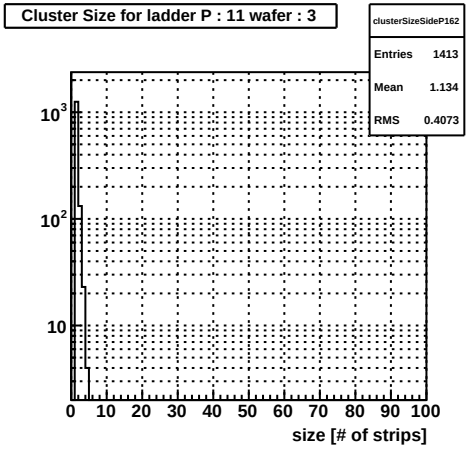

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 8649
Mean 1.398
RMS 0.6955
size [# of strips]

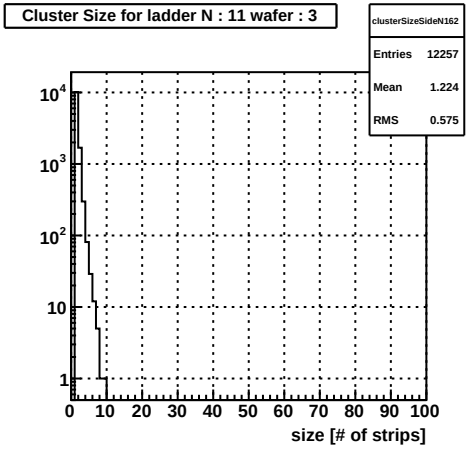

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 7044
Mean 1.45
RMS 0.7738
size [# of strips]

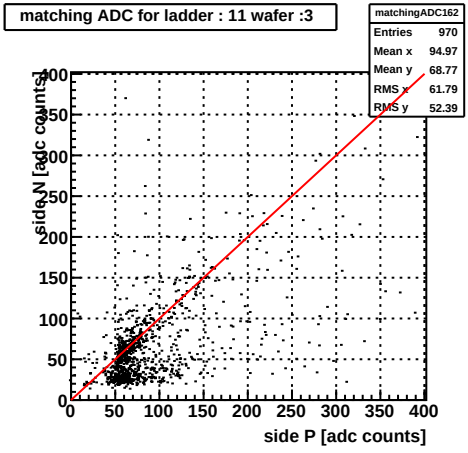

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 5058
Mean x 89.93
Mean y 67.73
RMS x 58.74
RMS y 50.79
side N [adc counts]
side P [adc counts]

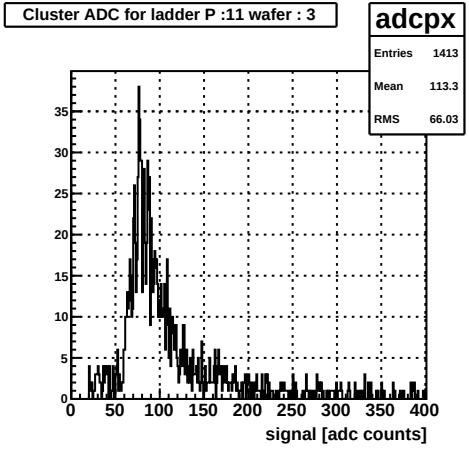

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 8649
Mean 86.37
RMS 67.57
signal [adc counts]

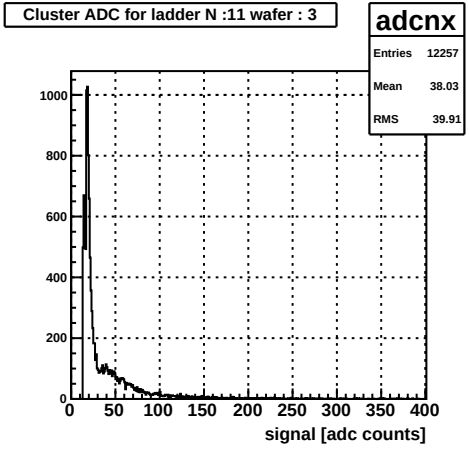

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 7044
Mean 59.56
RMS 53.68
signal [adc counts]

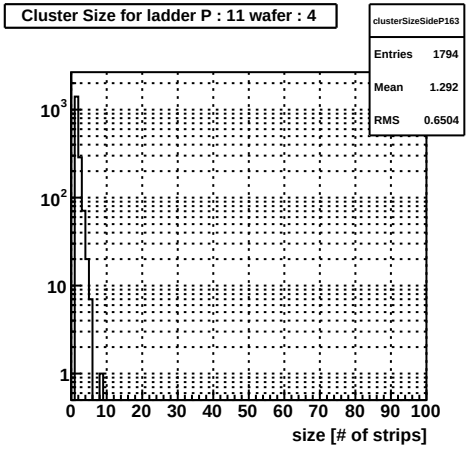

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1413
Mean 1.134
RMS 0.4073
size [# of strips]

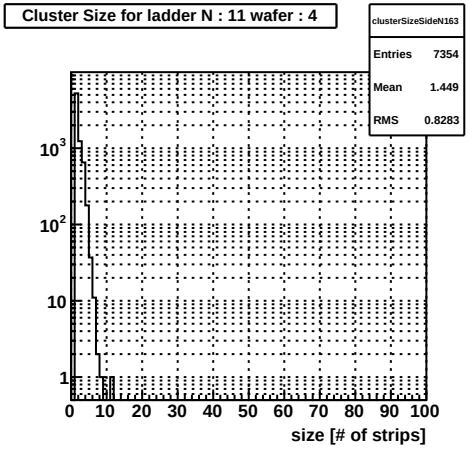

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 12257
Mean 1.224
RMS 0.575
size [# of strips]

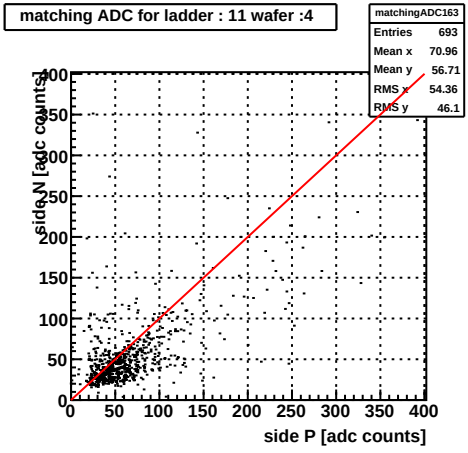

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 970
Mean x 94.97
Mean y 68.77
RMS x 61.79
RMS y 52.39
side N [adc counts]
side P [adc counts]

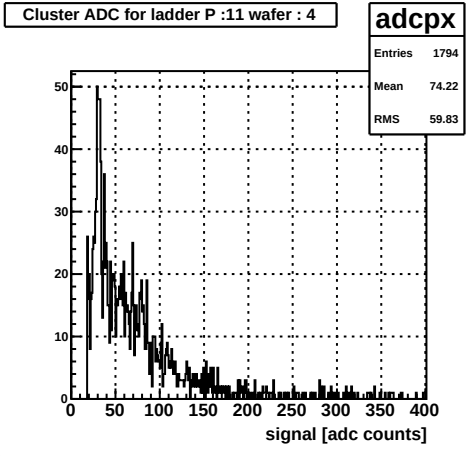

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1413
Mean 113.3
RMS 66.03
signal [adc counts]

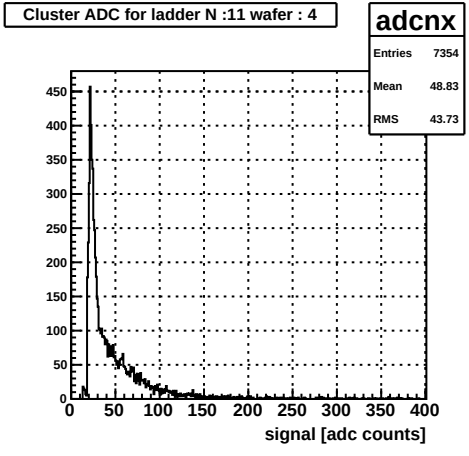

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 12257
Mean 38.03
RMS 39.91
signal [adc counts]

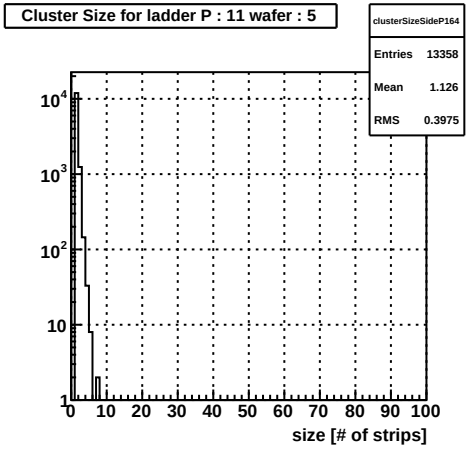

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 1794
Mean 1.292
RMS 0.6504
size [# of strips]

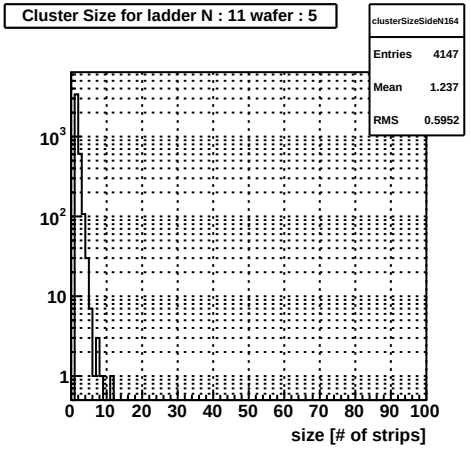

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 7354
Mean 1.449
RMS 0.8283
size [# of strips]

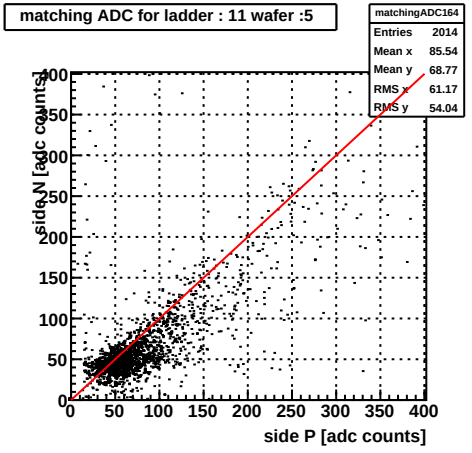

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 693
Mean x 70.96
Mean y 56.71
RMS x 54.36
RMS y 46.1
side N [adc counts]
side P [adc counts]

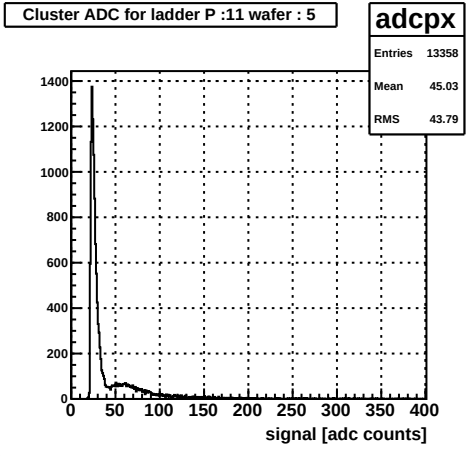

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 1794
Mean 74.22
RMS 59.83
signal [adc counts]

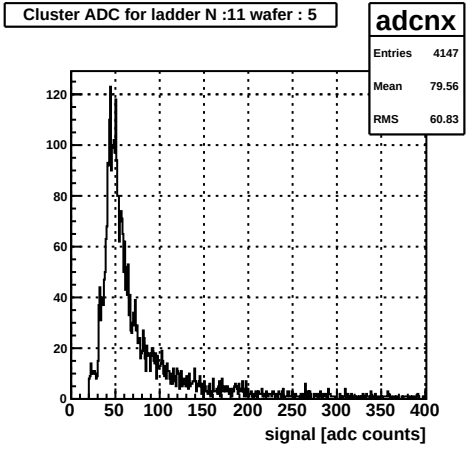

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 7354
Mean 48.83
RMS 43.73
signal [adc counts]

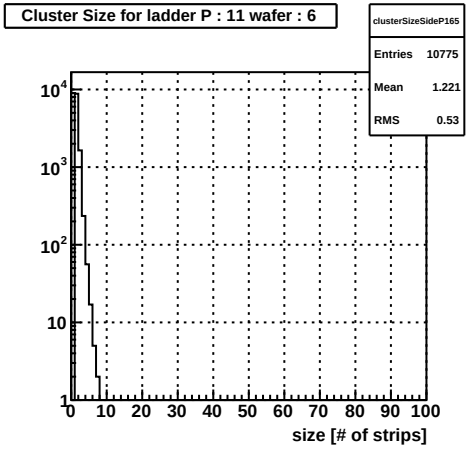

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 13358
Mean 1.126
RMS 0.3975
size [# of strips]

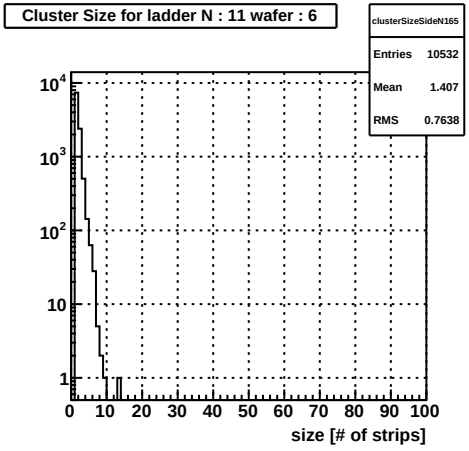

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 4147
Mean 1.237
RMS 0.5952
size [# of strips]

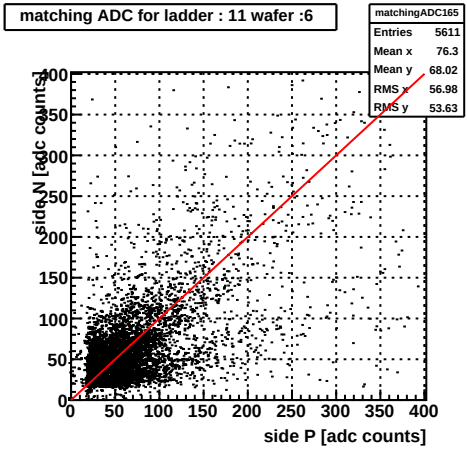

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 2014
Mean x 85.54
Mean y 68.77
RMS x 61.17
RMS y 54.04
side N [adc counts]
side P [adc counts]

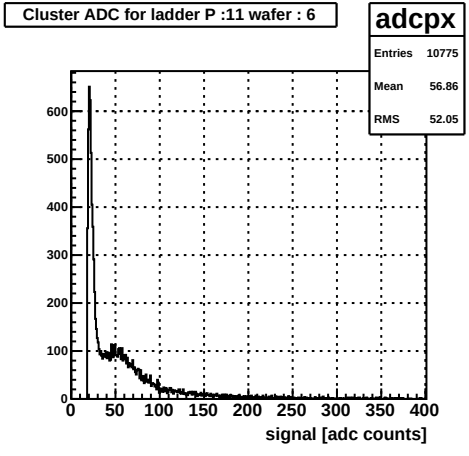

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 13358
Mean 45.03
RMS 43.79
signal [adc counts]

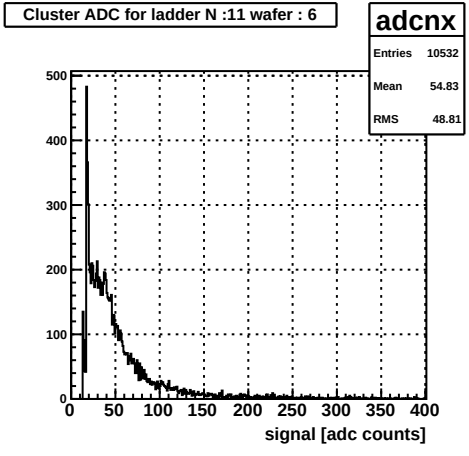

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 4147
Mean 79.56
RMS 60.83
signal [adc counts]

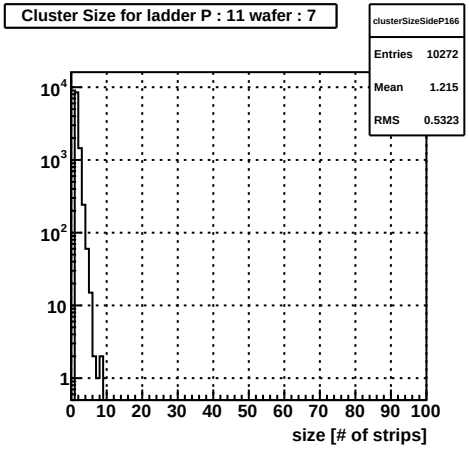

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 10775
Mean 1.221
RMS 0.53
size [# of strips]

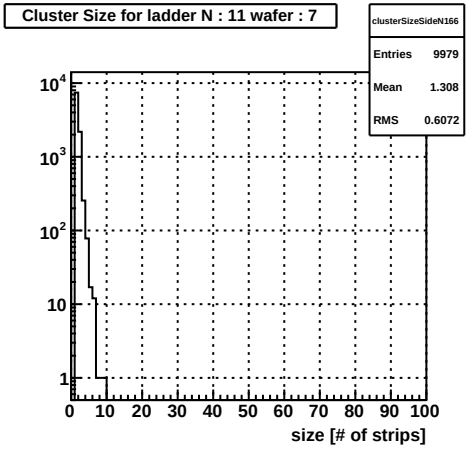

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 10532
Mean 1.407
RMS 0.7638
size [# of strips]

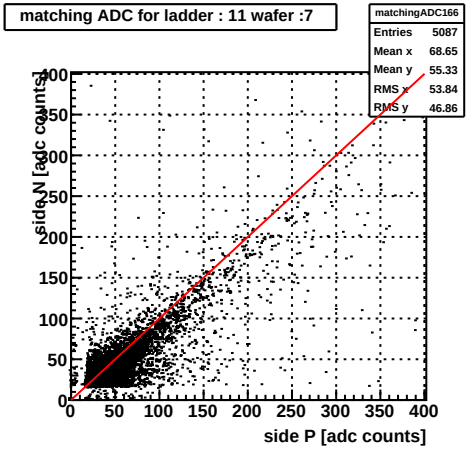

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 5611
Mean x 76.3
Mean y 68.02
RMS x 56.98
RMS y 53.63
side N [adc counts]
side P [adc counts]

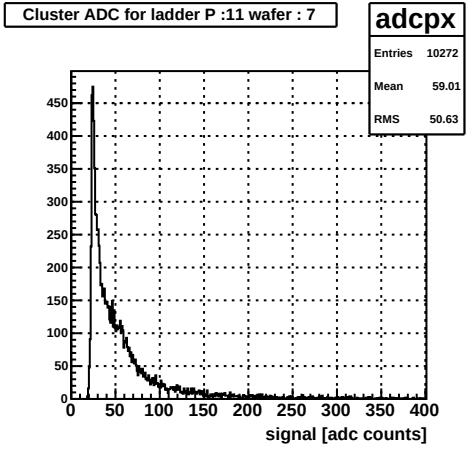

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 10775
Mean 56.86
RMS 52.05
signal [adc counts]

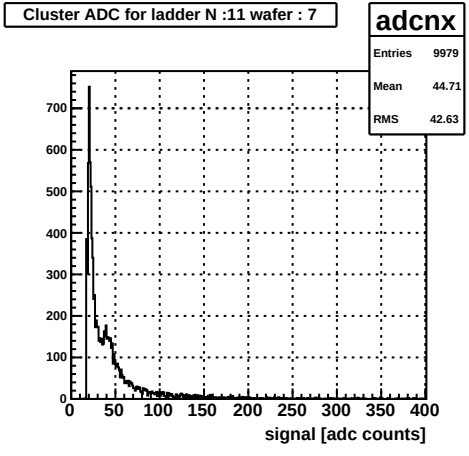

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 10532
Mean 54.83
RMS 48.81
signal [adc counts]

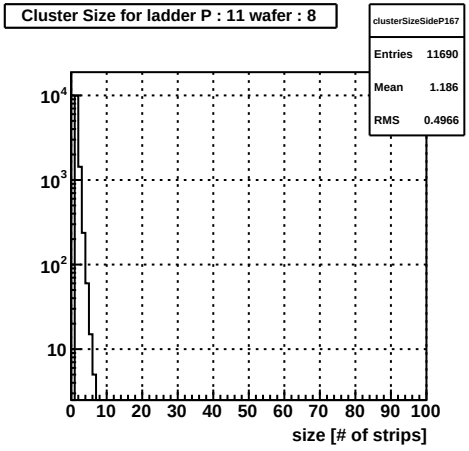

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 10272
Mean 1.215
RMS 0.5323
size [# of strips]

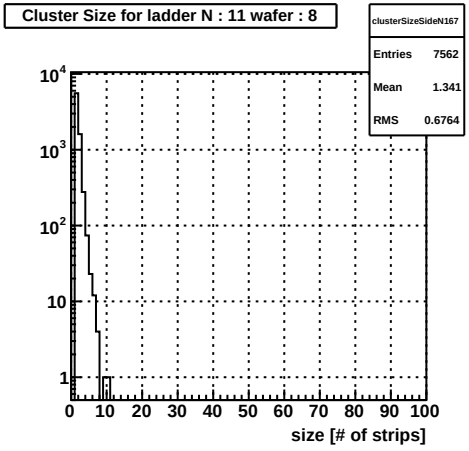

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 9979
Mean 1.308
RMS 0.6072
size [# of strips]

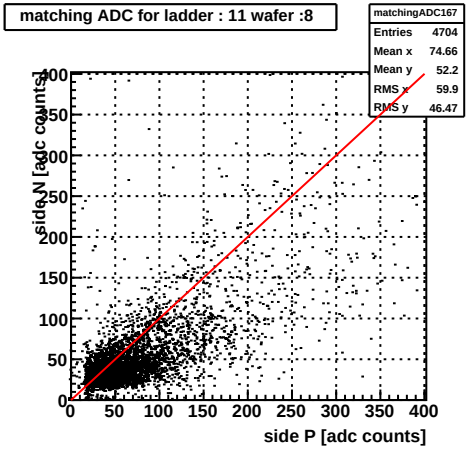

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 5087
Mean x 68.65
Mean y 55.33
RMS x 53.84
RMS y 46.86
side N [adc counts]
side P [adc counts]

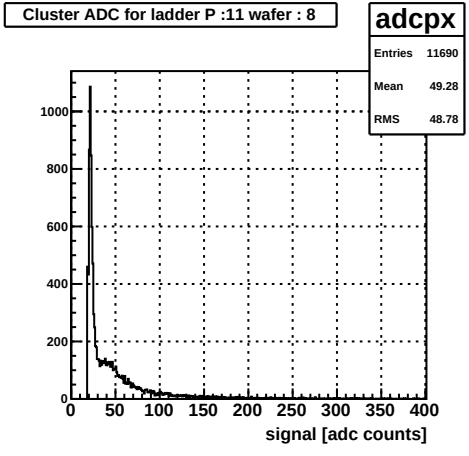

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 10272
Mean 59.01
RMS 50.63
signal [adc counts]

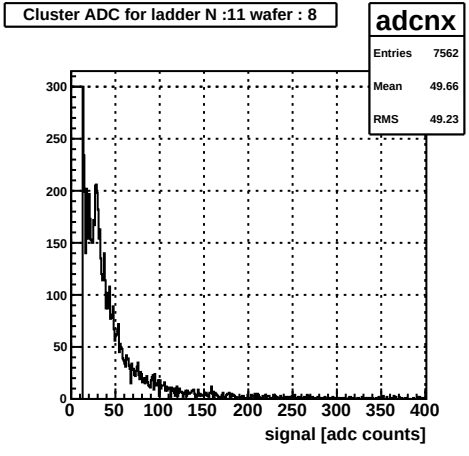

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 9979
Mean 44.71
RMS 42.63
signal [adc counts]

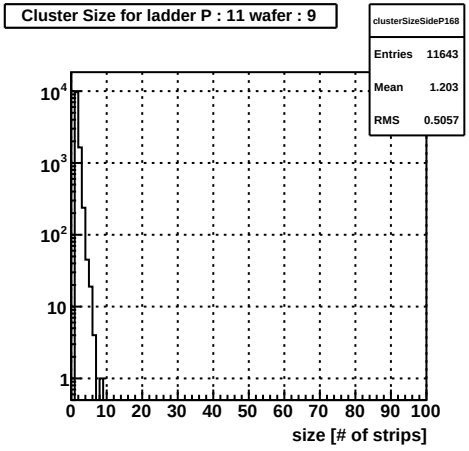

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 11690
Mean 1.186
RMS 0.4966
size [# of strips]

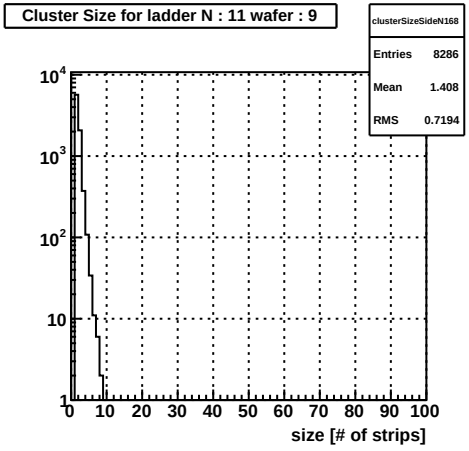

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 7562
Mean 1.341
RMS 0.6764
size [# of strips]

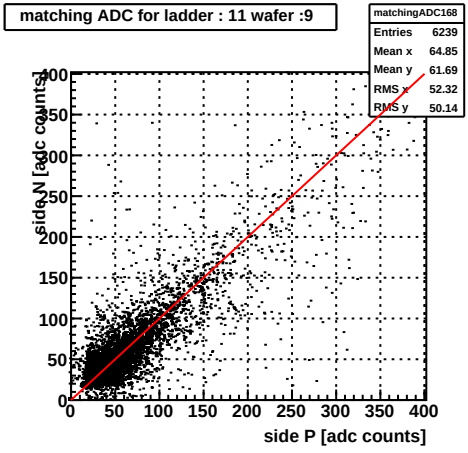

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 4704
Mean x 74.66
Mean y 52.2
RMS x 59.9
RMS y 46.47
side N [adc counts]
side P [adc counts]

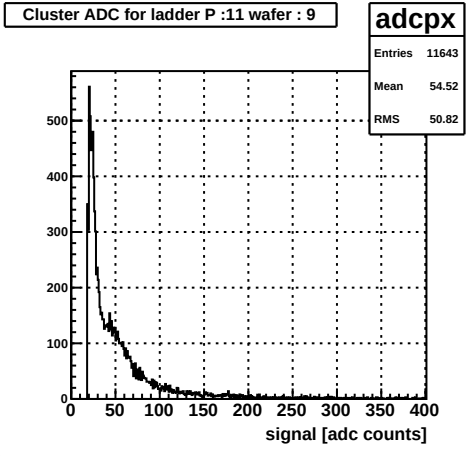

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 11690
Mean 49.28
RMS 48.78
signal [adc counts]

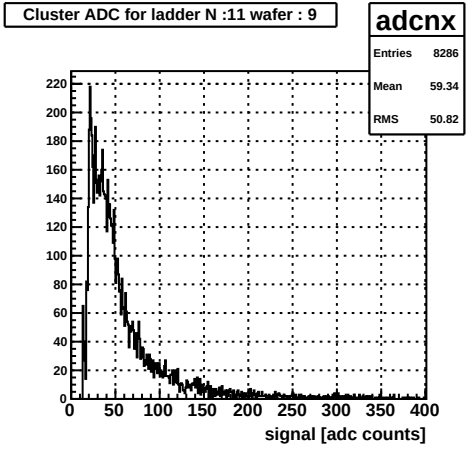

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 7562
Mean 49.66
RMS 49.23
signal [adc counts]

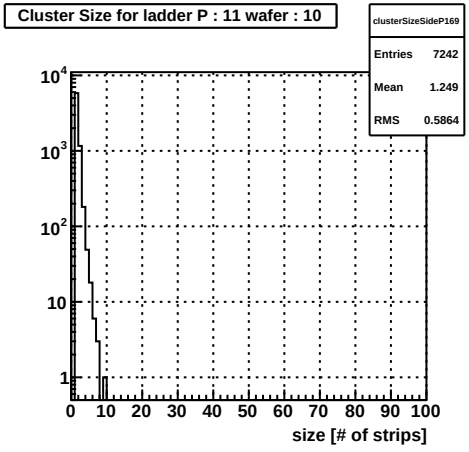

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 11643
Mean 1.203
RMS 0.5057
size [# of strips]

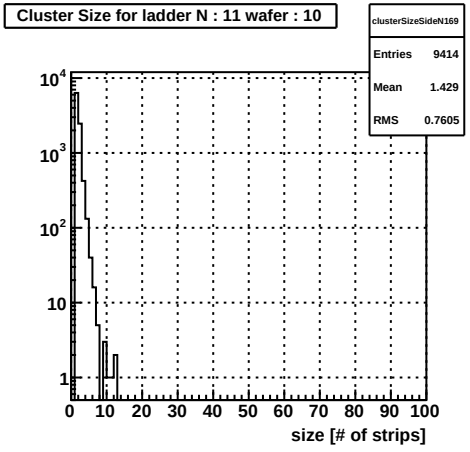

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 8286
Mean 1.408
RMS 0.7194
size [# of strips]

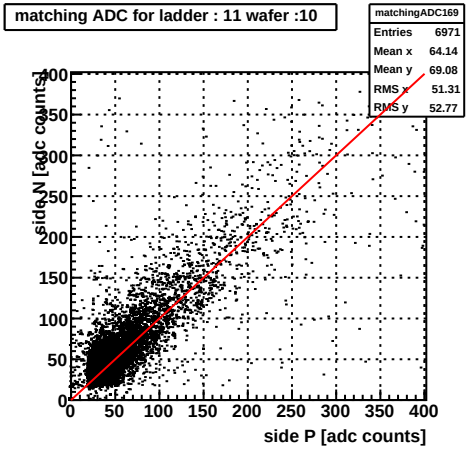

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 6239
Mean x 64.85
Mean y 61.69
RMS x 52.32
RMS y 50.14
side N [adc counts]
side P [adc counts]

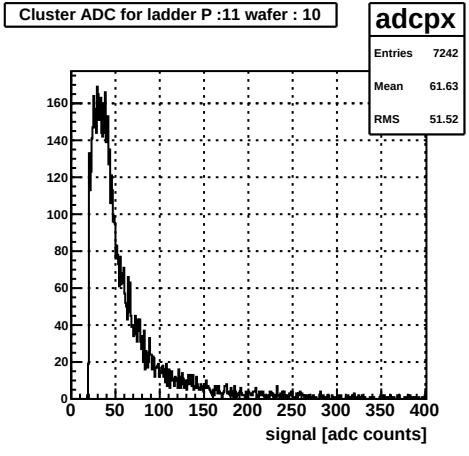

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 11643
Mean 54.52
RMS 50.82
signal [adc counts]

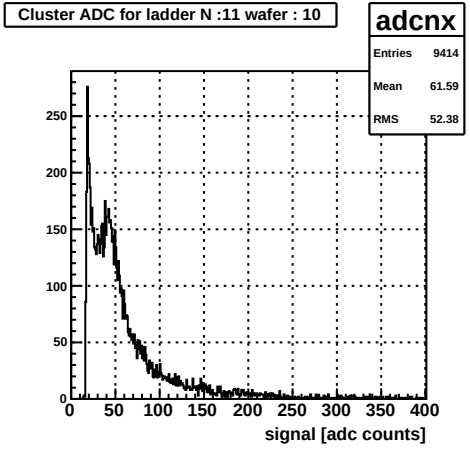

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 8286
Mean 59.34
RMS 50.82
signal [adc counts]

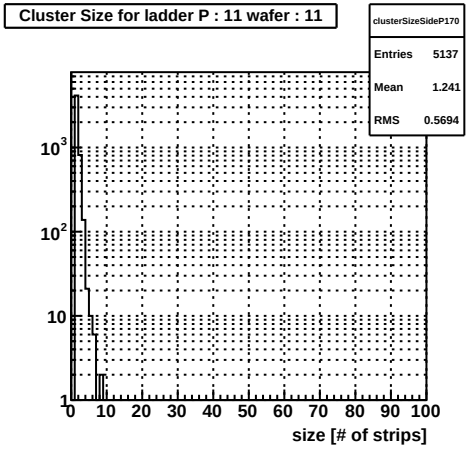

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 7242
Mean 1.249
RMS 0.5864
size [# of strips]

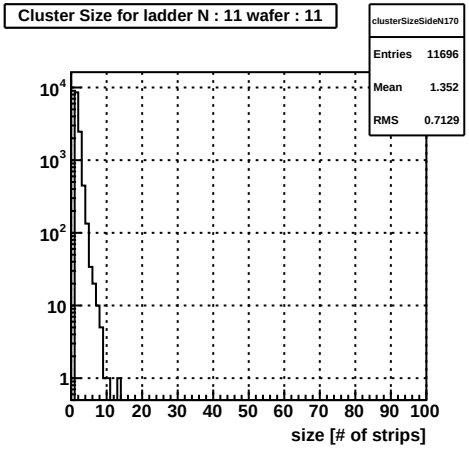

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 9414
Mean 1.429
RMS 0.7605
size [# of strips]

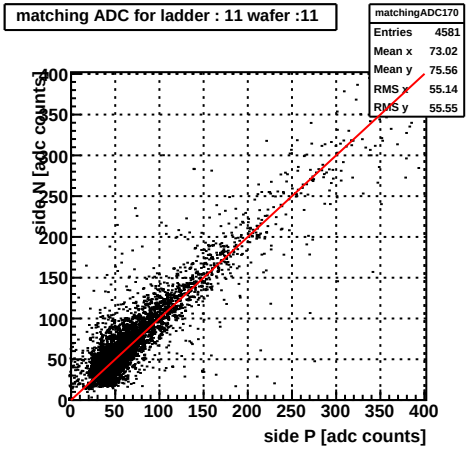

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 6971
Mean x 64.14
Mean y 69.08
RMS x 51.31
RMS y 52.77
side N [adc counts]
side P [adc counts]

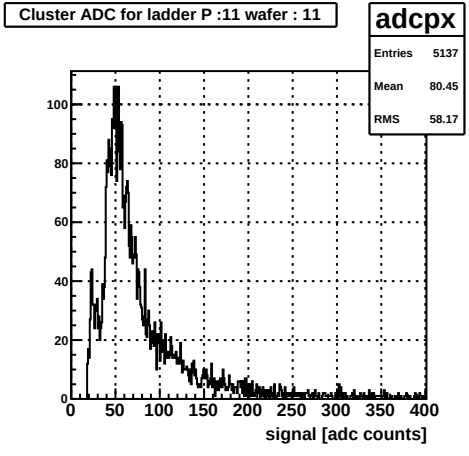

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 7242
Mean 61.63
RMS 51.52
signal [adc counts]

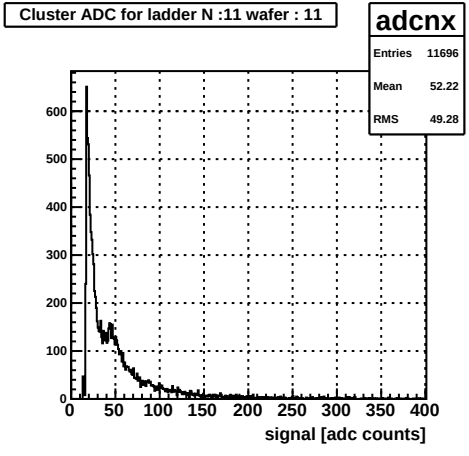

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 9414
Mean 61.59
RMS 52.38
signal [adc counts]

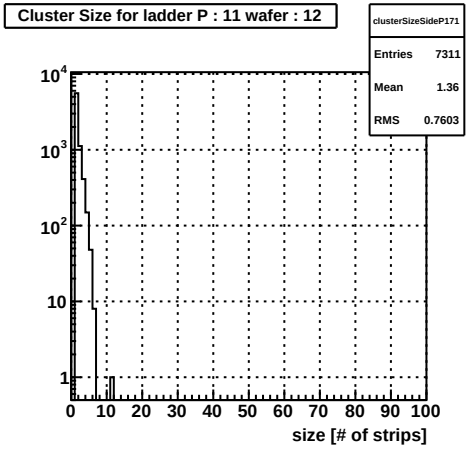

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 5137
Mean 1.241
RMS 0.5694
size [# of strips]

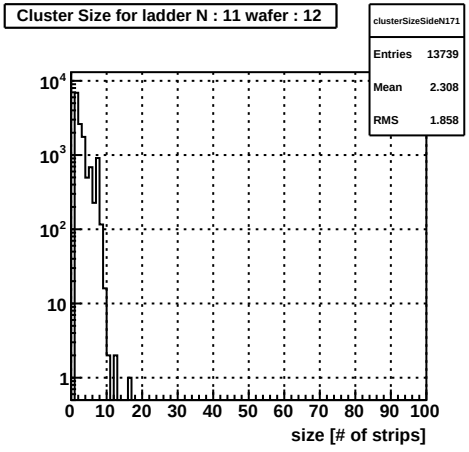

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 11696
Mean 1.352
RMS 0.7129
size [# of strips]

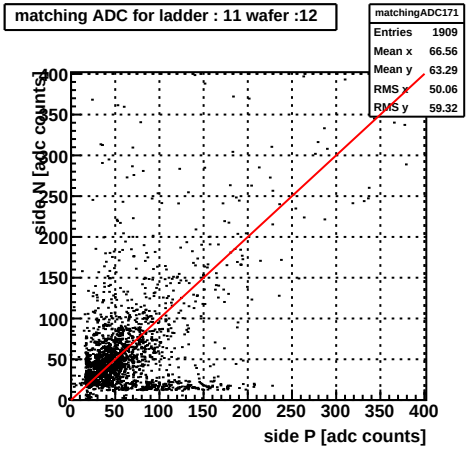

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 4581
Mean x 73.02
Mean y 75.56
RMS x 55.14
RMS y 55.55
side N [adc counts]
side P [adc counts]

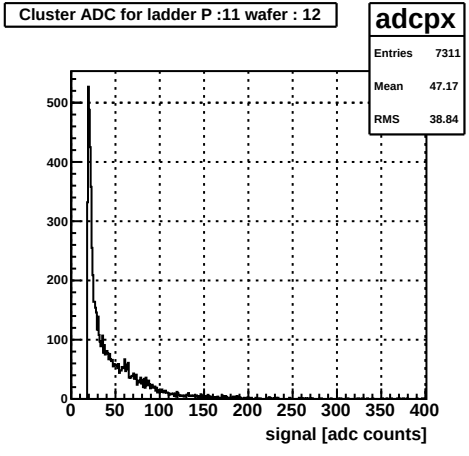

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 5137
Mean 80.45
RMS 58.17
signal [adc counts]

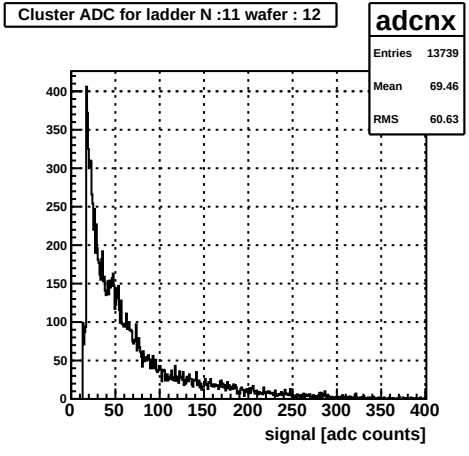

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 11696
Mean 52.22
RMS 49.28
signal [adc counts]

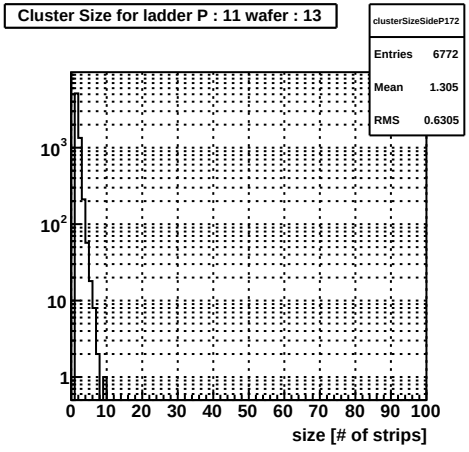

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 7311
Mean 1.36
RMS 0.7603
size [# of strips]

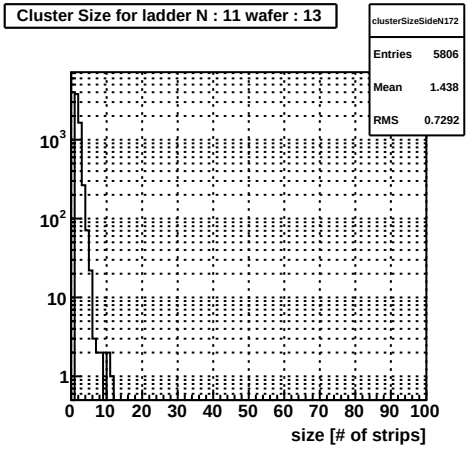

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 13739
Mean 2.308
RMS 1.858
size [# of strips]

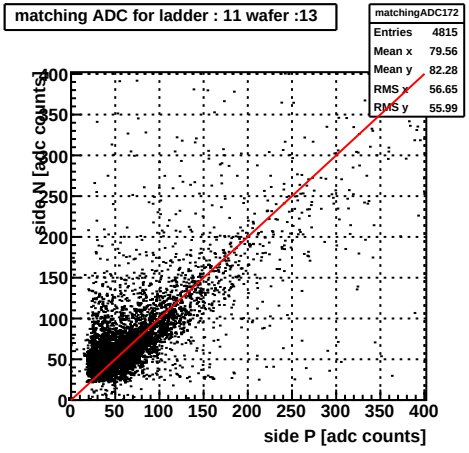

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 1909
Mean x 66.56
Mean y 63.29
RMS x 50.06
RMS y 59.32
side N [adc counts]
side P [adc counts]

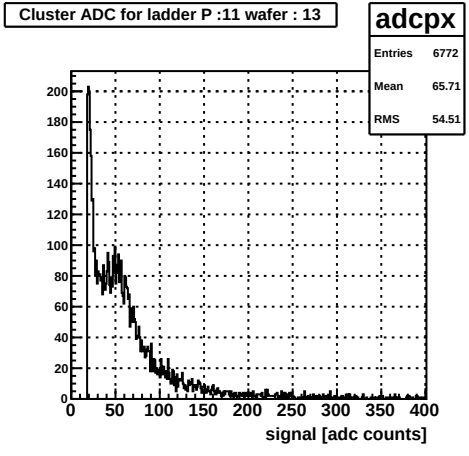

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 7311
Mean 47.17
RMS 38.84
signal [adc counts]

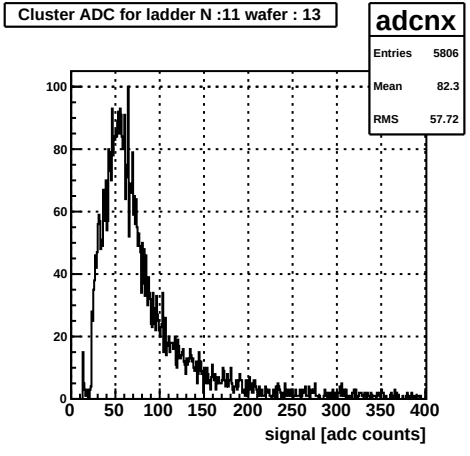

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 13739
Mean 69.46
RMS 60.63
signal [adc counts]

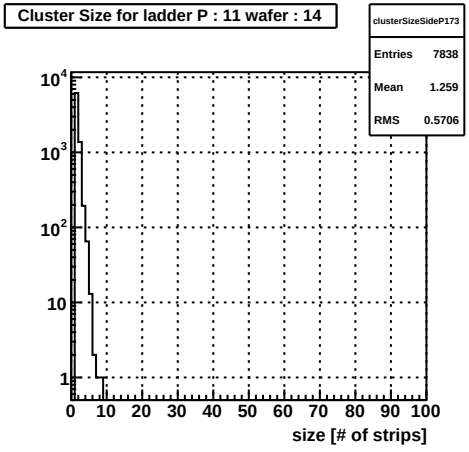

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 6772
Mean 1.305
RMS 0.6305
size [# of strips]

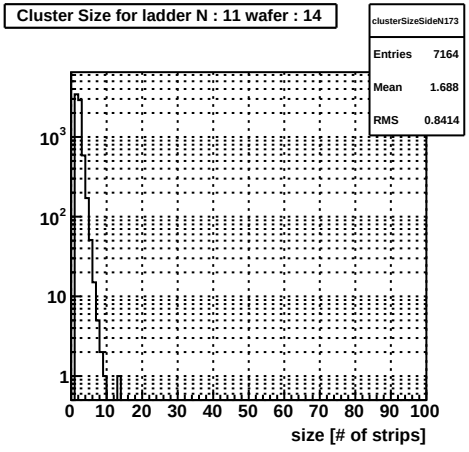

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 5806
Mean 1.438
RMS 0.7292
size [# of strips]

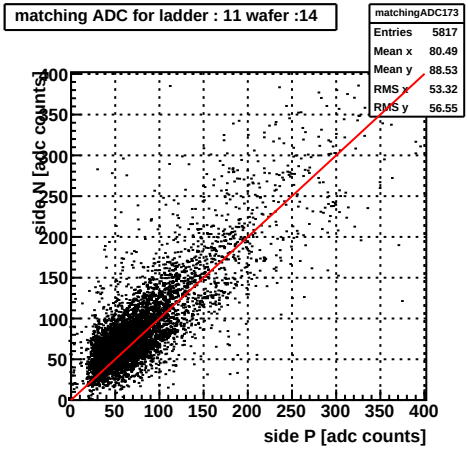

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 4815
Mean x 79.56
Mean y 82.28
RMS x 56.65
RMS y 55.99
side N [adc counts]
side P [adc counts]

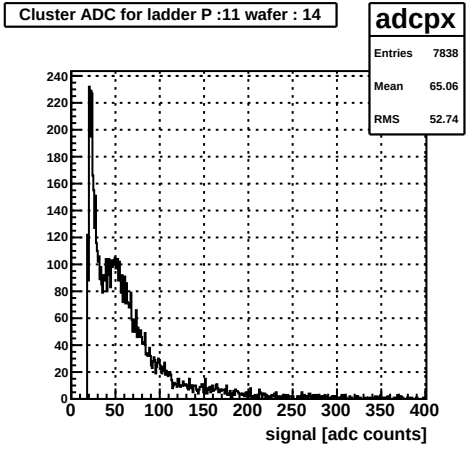

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 6772
Mean 65.71
RMS 54.51
signal [adc counts]

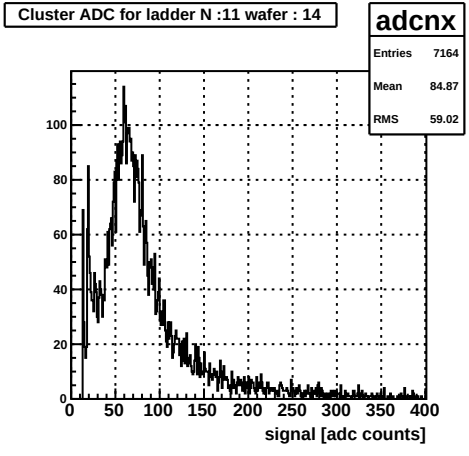

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 5806
Mean 82.3
RMS 57.72
signal [adc counts]

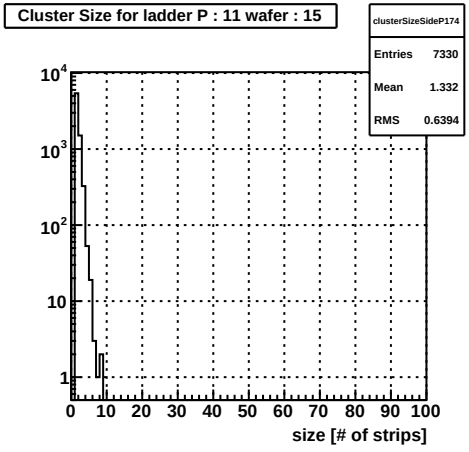

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 7838
Mean 1.259
RMS 0.5706
size [# of strips]

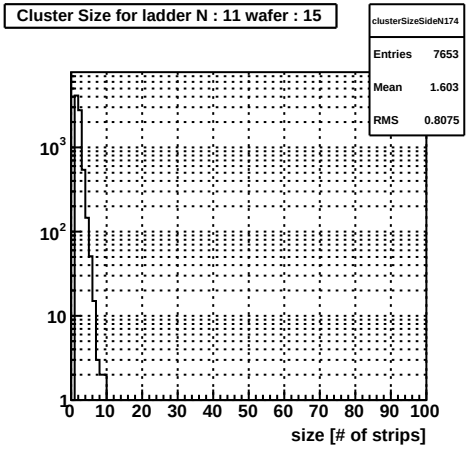

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 7164
Mean 1.688
RMS 0.8414
size [# of strips]

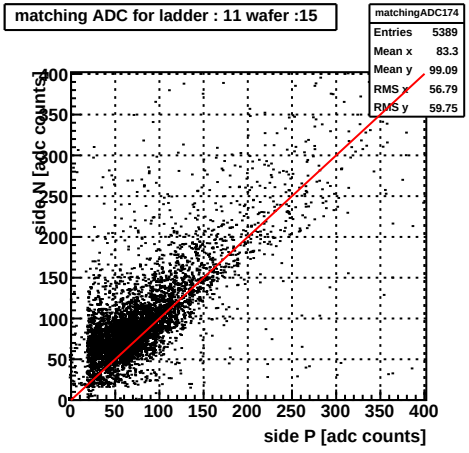

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 5817
Mean x 80.49
Mean y 88.53
RMS x 53.32
RMS y 56.55
side N [adc counts]
side P [adc counts]

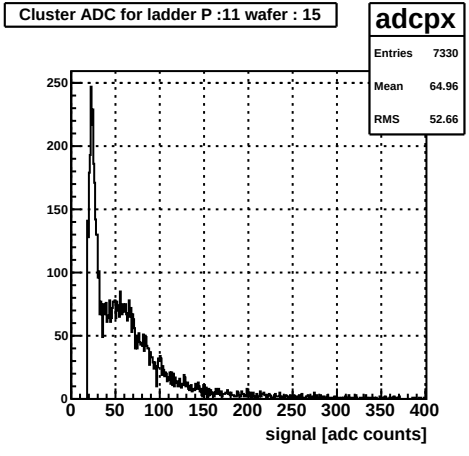

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 7838
Mean 65.06
RMS 52.74
signal [adc counts]

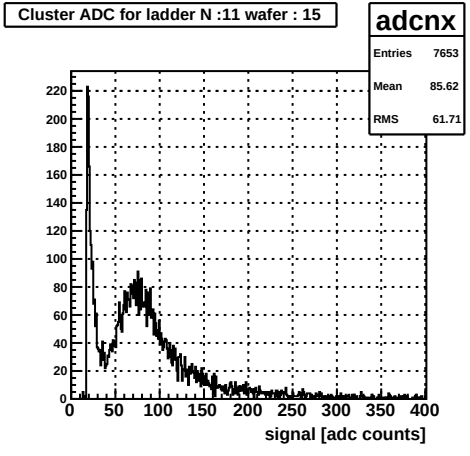

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 7164
Mean 84.87
RMS 59.02
signal [adc counts]

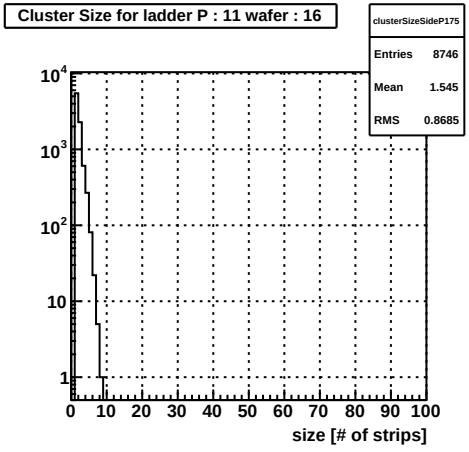

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 7330
Mean 1.332
RMS 0.6394
size [# of strips]

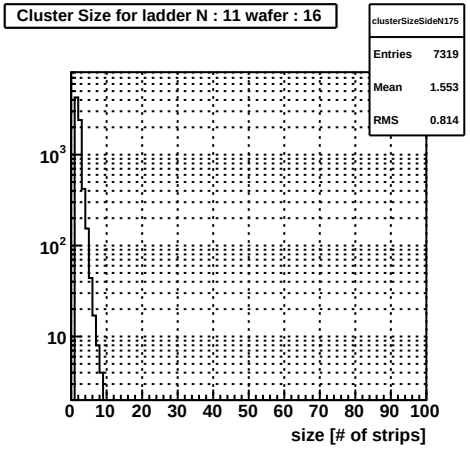

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 7653
Mean 1.603
RMS 0.8075
size [# of strips]

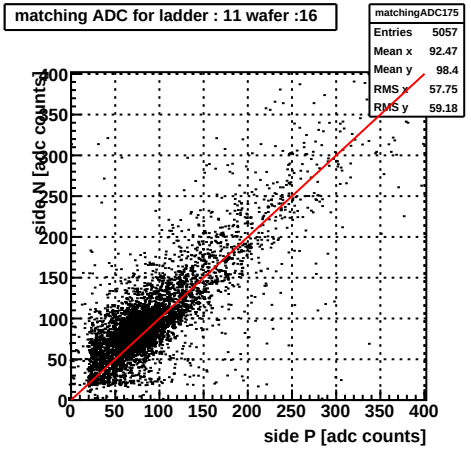

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 5389
Mean x 83.3
Mean y 99.09
RMS x 56.79
RMS y 59.75
side N [adc counts]
side P [adc counts]

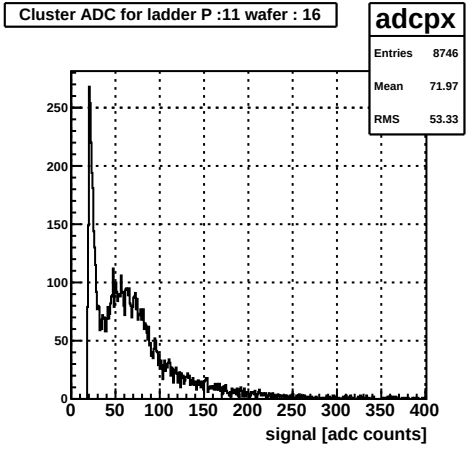

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 7330
Mean 64.96
RMS 52.66
signal [adc counts]

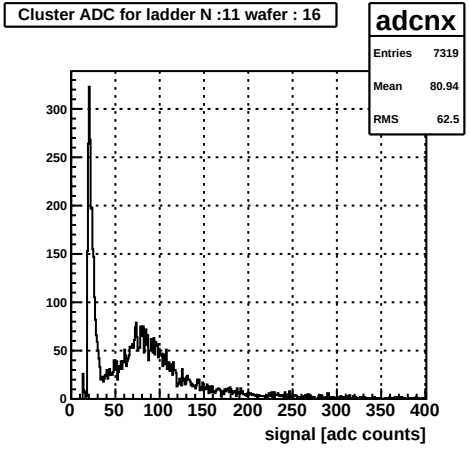

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 7653
Mean 85.62
RMS 61.71
signal [adc counts]

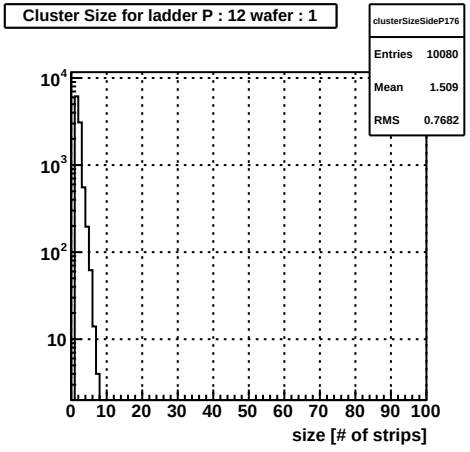

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 8746
Mean 1.545
RMS 0.8685
size [# of strips]

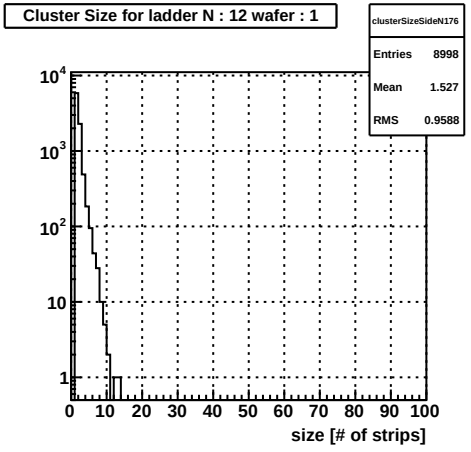

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 7319
Mean 1.553
RMS 0.814
size [# of strips]

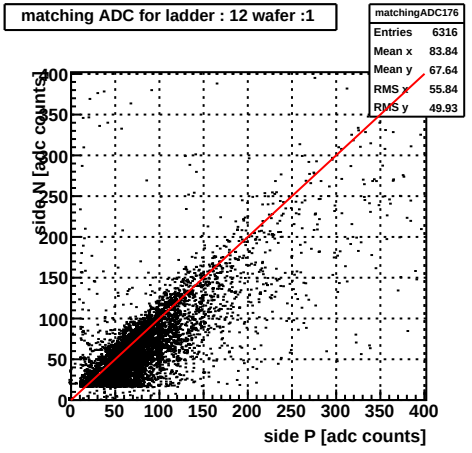

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 5057
Mean x 92.47
Mean y 98.4
RMS x 57.75
RMS y 59.18
side N [adc counts]
side P [adc counts]

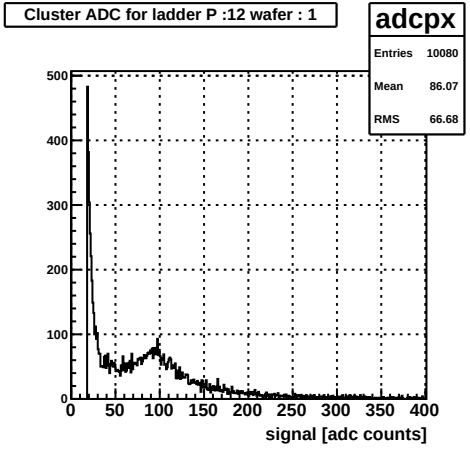

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 8746
Mean 71.97
RMS 53.33
signal [adc counts]

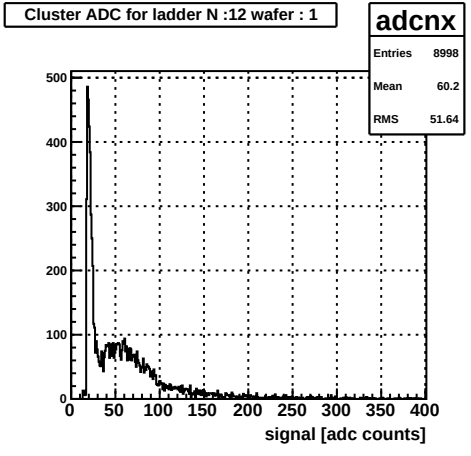

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 7319
Mean 80.94
RMS 62.5
signal [adc counts]

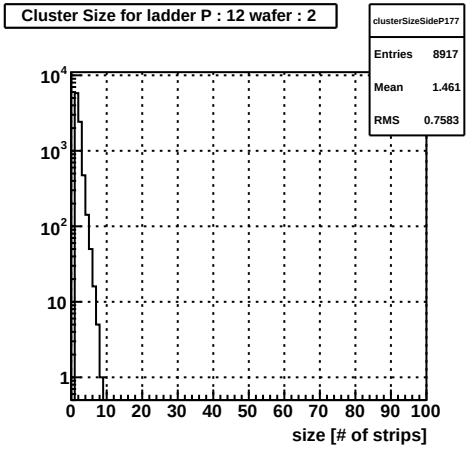

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 10080
Mean 1.509
RMS 0.7682
size [# of strips]

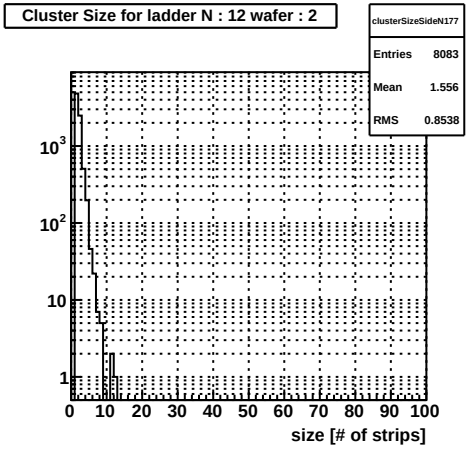

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 8998
Mean 1.527
RMS 0.9588
size [# of strips]

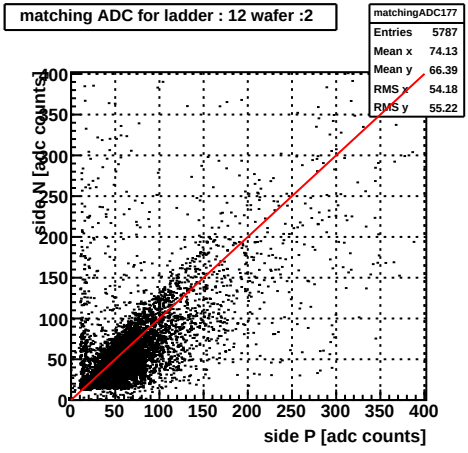

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 6316
Mean x 83.84
Mean y 67.64
RMS x 55.84
RMS y 49.93
side N [adc counts]
side P [adc counts]

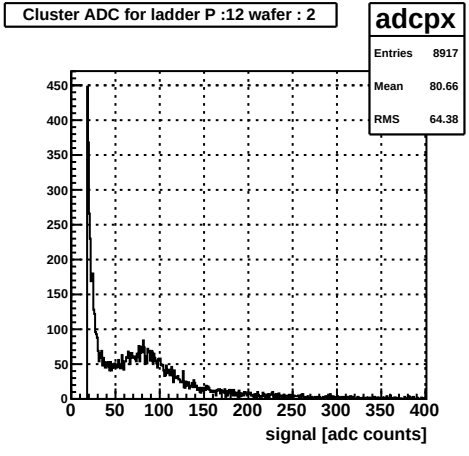

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 10080
Mean 86.07
RMS 66.68
signal [adc counts]

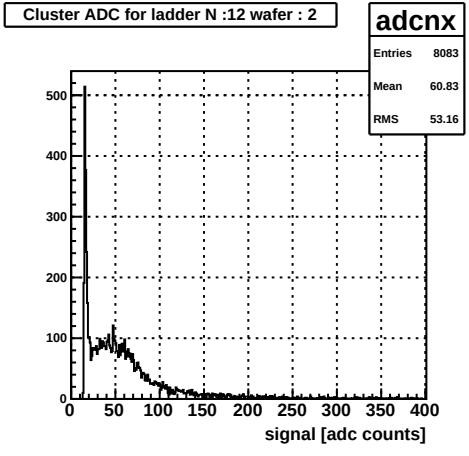

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 8998
Mean 60.2
RMS 51.64
signal [adc counts]

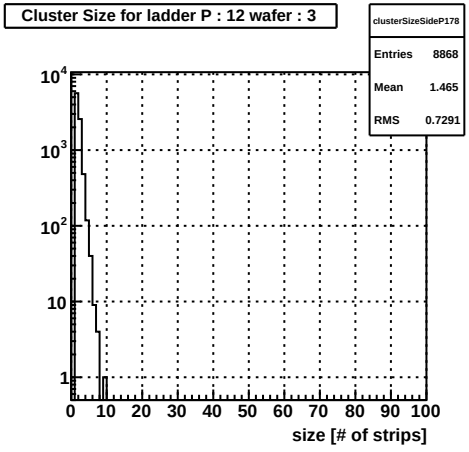

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 8917
Mean 1.461
RMS 0.7583
size [# of strips]

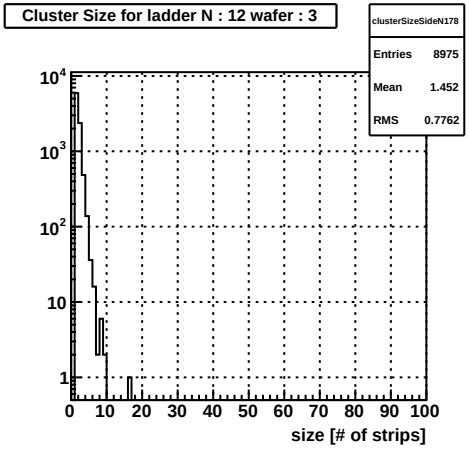

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 8083
Mean 1.556
RMS 0.8538
size [# of strips]

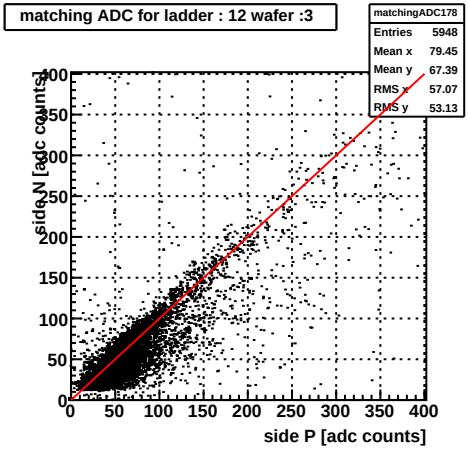

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 5787
Mean x 74.13
Mean y 66.39
RMS x 54.18
RMS y 55.22
side N [adc counts]
side P [adc counts]

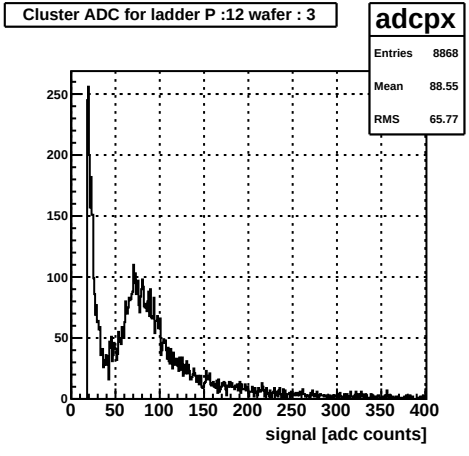

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 8917
Mean 80.66
RMS 64.38
signal [adc counts]

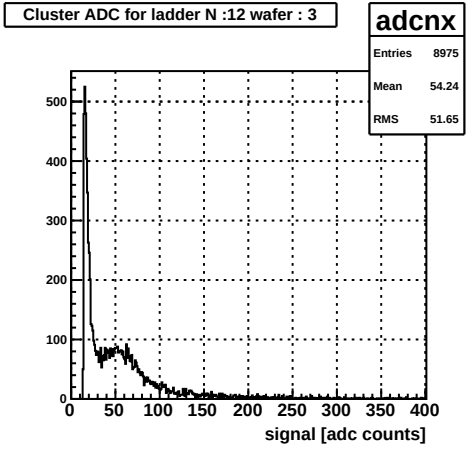

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 8083
Mean 60.83
RMS 53.16
signal [adc counts]

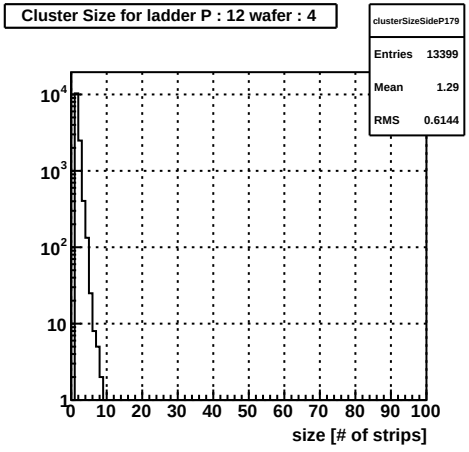

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 8868
Mean 1.465
RMS 0.7291
size [# of strips]

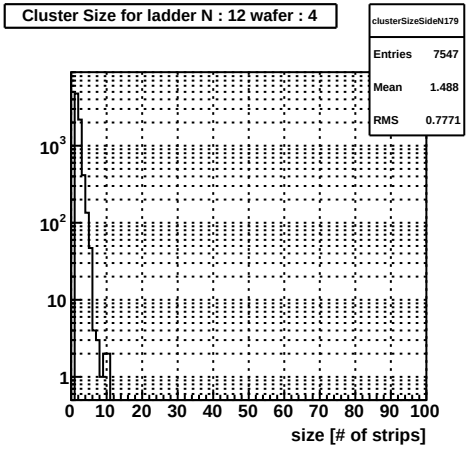

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 8975
Mean 1.452
RMS 0.7762
size [# of strips]

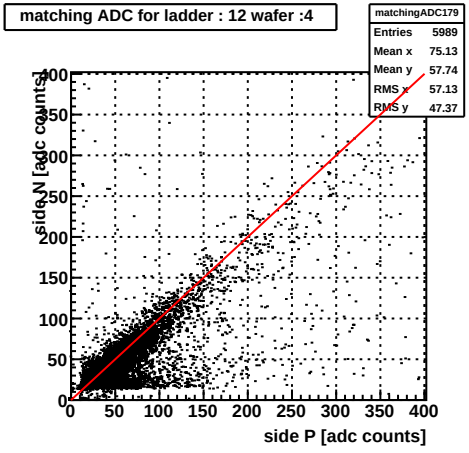

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 5948
Mean x 79.45
Mean y 67.39
RMS x 57.07
RMS y 53.13
side N [adc counts]
side P [adc counts]

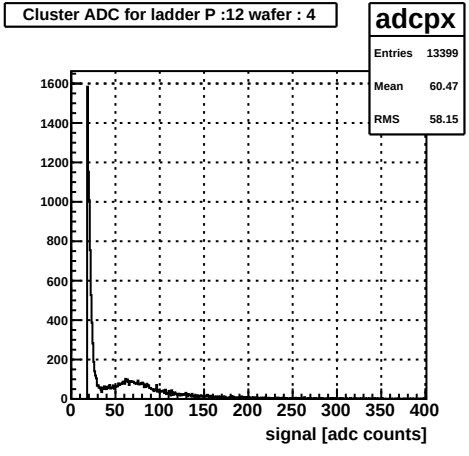

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 8868
Mean 88.55
RMS 65.77
signal [adc counts]

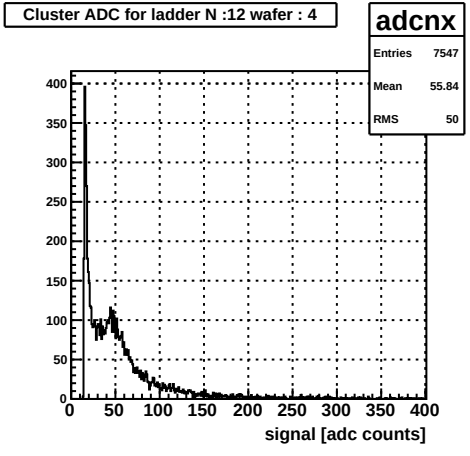

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 8975
Mean 54.24
RMS 51.65
signal [adc counts]

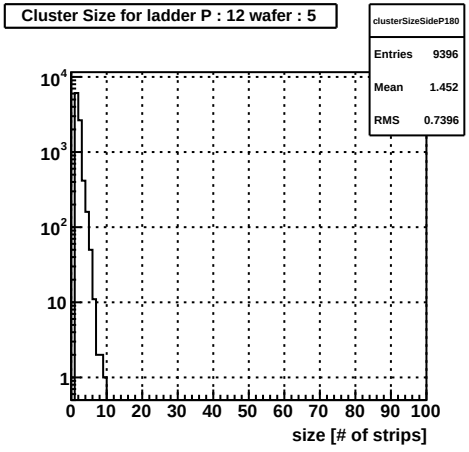

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 13399
Mean 1.29
RMS 0.6144
size [# of strips]

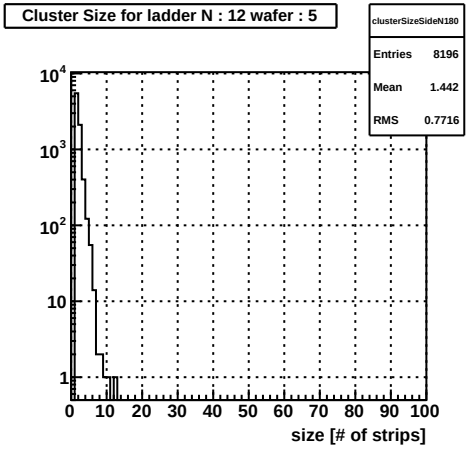

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 7547
Mean 1.488
RMS 0.7771
size [# of strips]

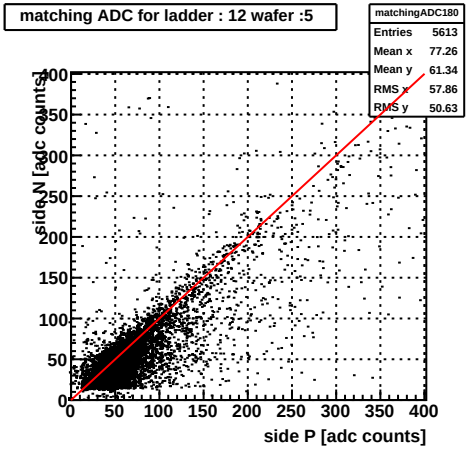

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 5989
Mean x 75.13
Mean y 57.74
RMS x 57.13
RMS y 47.37
side N [adc counts]
side P [adc counts]

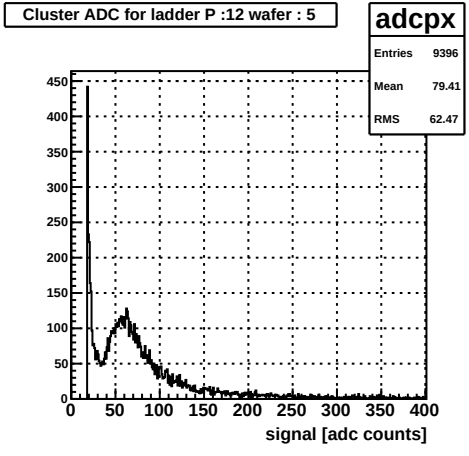

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 13399
Mean 60.47
RMS 58.15
signal [adc counts]

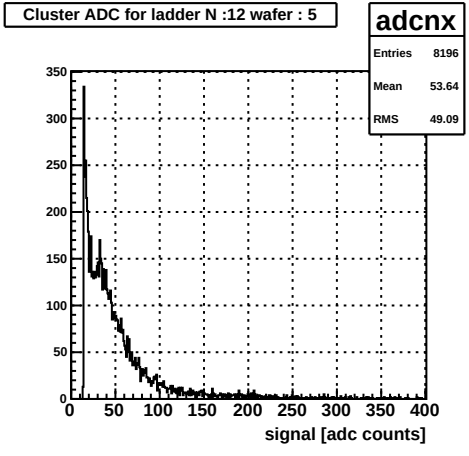

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 7547
Mean 55.84
RMS 50
signal [adc counts]

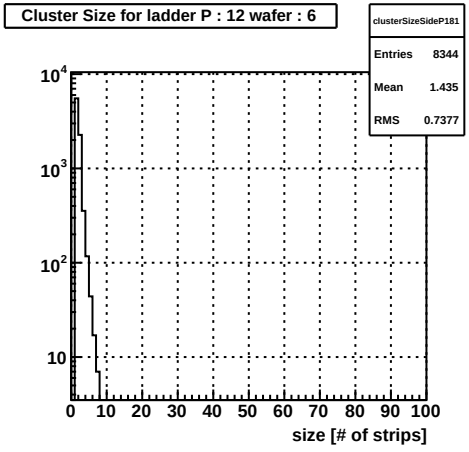

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 9396
Mean 1.452
RMS 0.7396
size [# of strips]

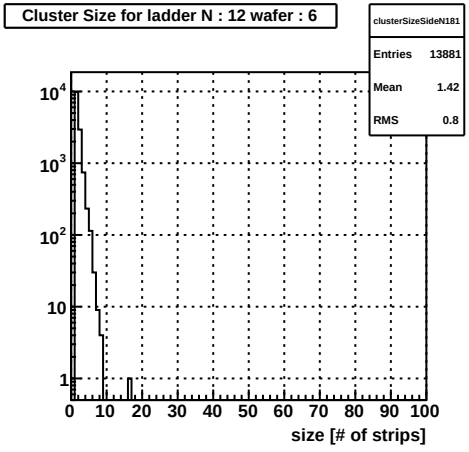

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 8196
Mean 1.442
RMS 0.7716
size [# of strips]

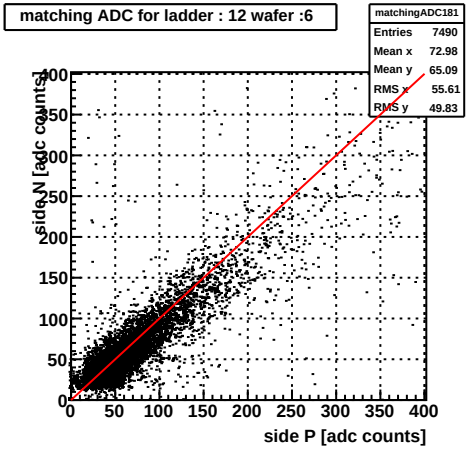

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 5613
Mean x 77.26
Mean y 61.34
RMS x 57.86
RMS y 50.63
side N [adc counts]
side P [adc counts]

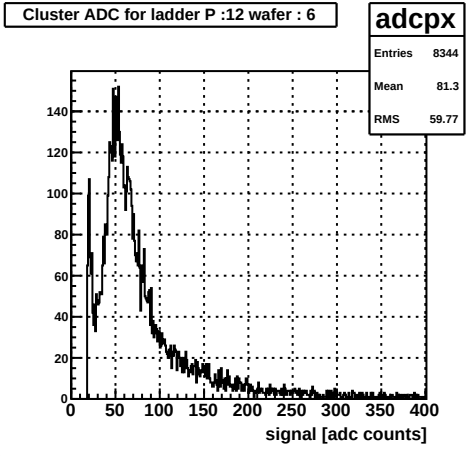

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 9396
Mean 79.41
RMS 62.47
signal [adc counts]

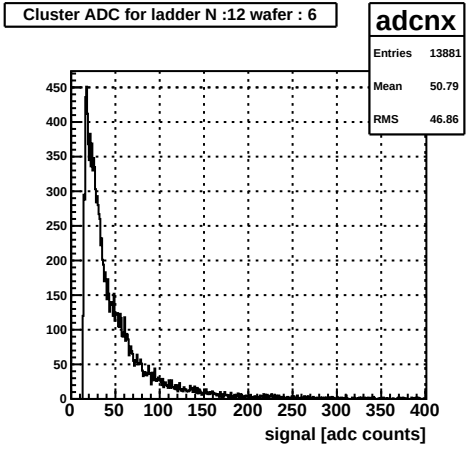

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 8196
Mean 53.64
RMS 49.09
signal [adc counts]

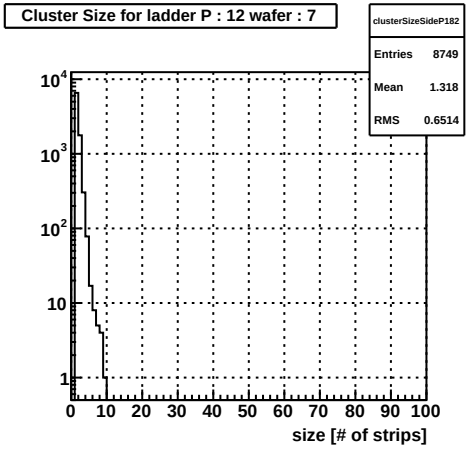

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 8344
Mean 1.435
RMS 0.7377
size [# of strips]

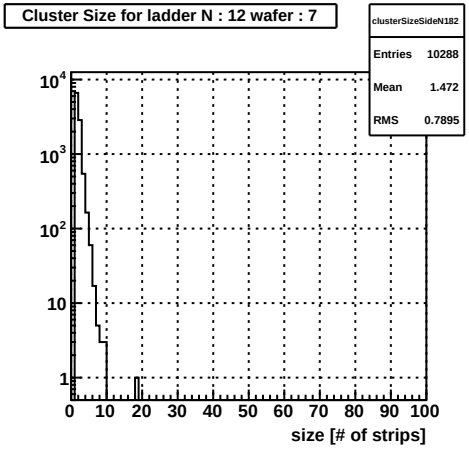

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 13881
Mean 1.42
RMS 0.8
size [# of strips]

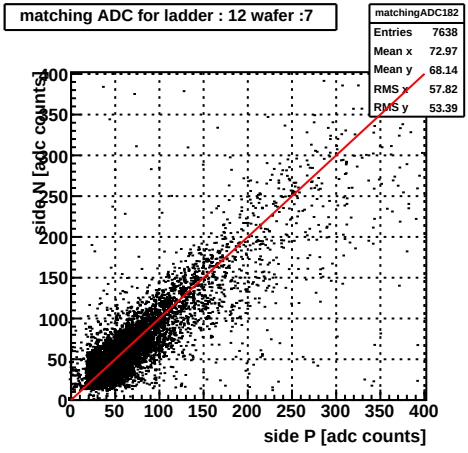

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 7490
Mean x 72.98
Mean y 65.09
RMS x 55.61
RMS y 49.83
side N [adc counts]
side P [adc counts]

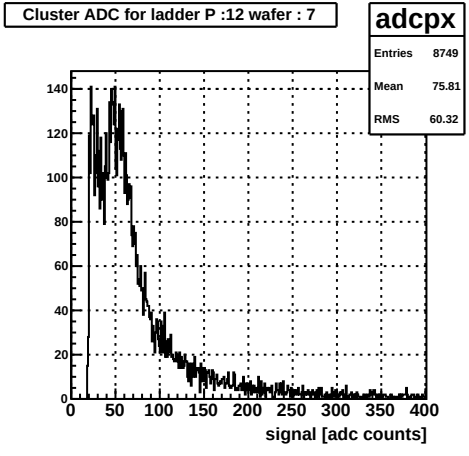

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 8344
Mean 81.3
RMS 59.77
signal [adc counts]

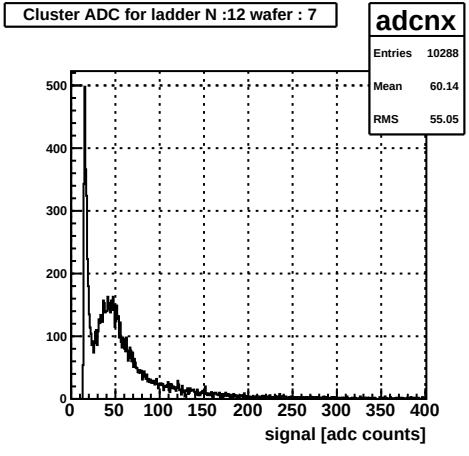

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 13881
Mean 50.79
RMS 46.86
signal [adc counts]

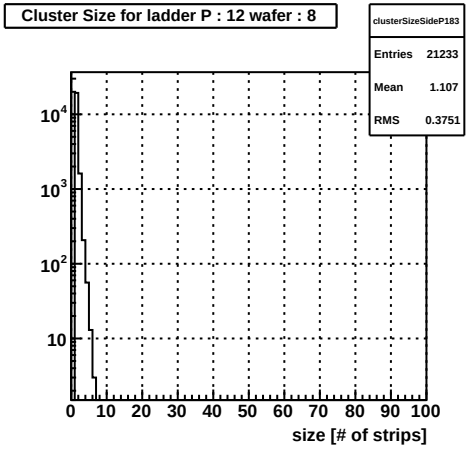

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 8749
Mean 1.318
RMS 0.6514
size [# of strips]

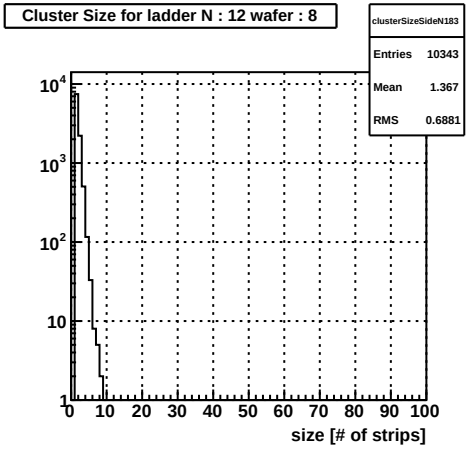

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 10288
Mean 1.472
RMS 0.7895
size [# of strips]

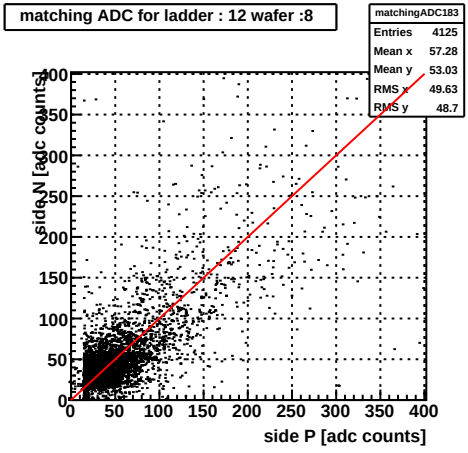

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 7638
Mean x 72.97
Mean y 68.14
RMS x 57.82
RMS y 53.39
side N [adc counts]
side P [adc counts]

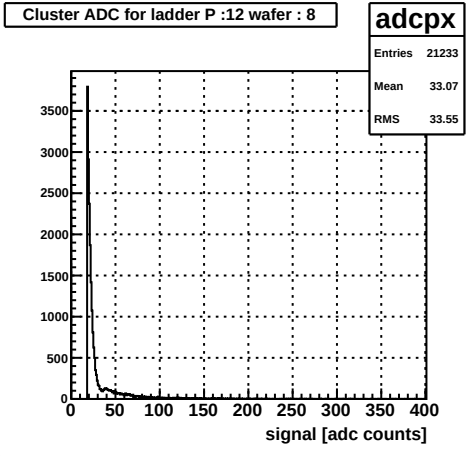

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 8749
Mean 75.81
RMS 60.32
signal [adc counts]

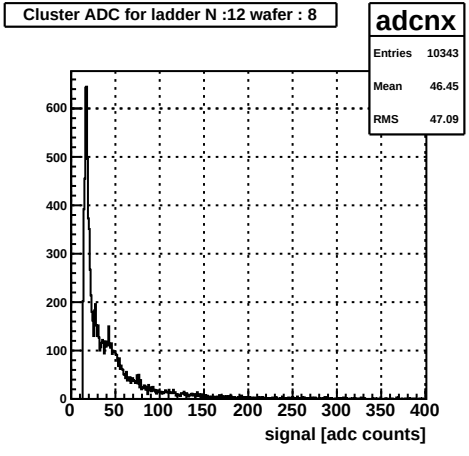

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 10288
Mean 60.14
RMS 55.05
signal [adc counts]

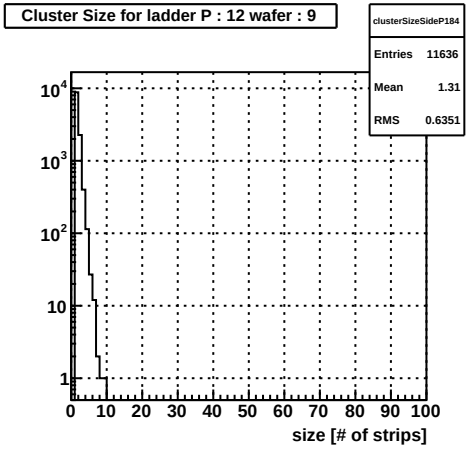

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 21233
Mean 1.107
RMS 0.3751
size [# of strips]

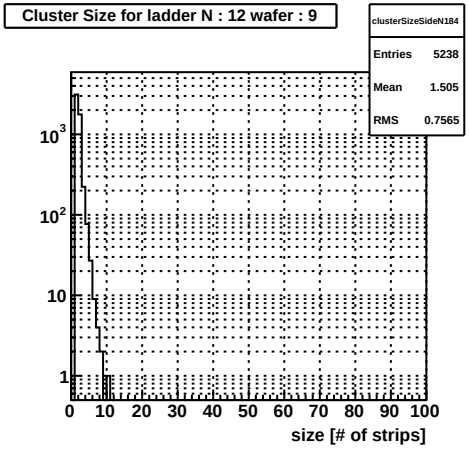

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 10343
Mean 1.367
RMS 0.6881
size [# of strips]

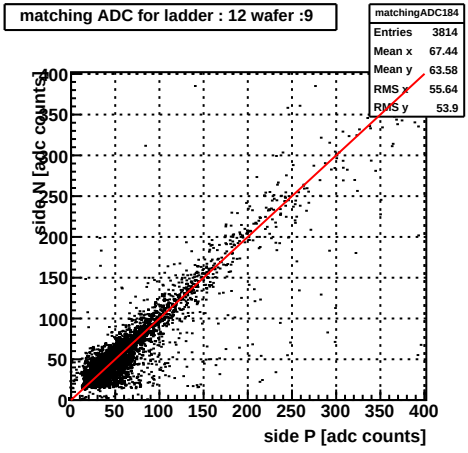

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 4125
Mean x 57.28
Mean y 53.03
RMS x 49.63
RMS y 48.7
side N [adc counts]
side P [adc counts]

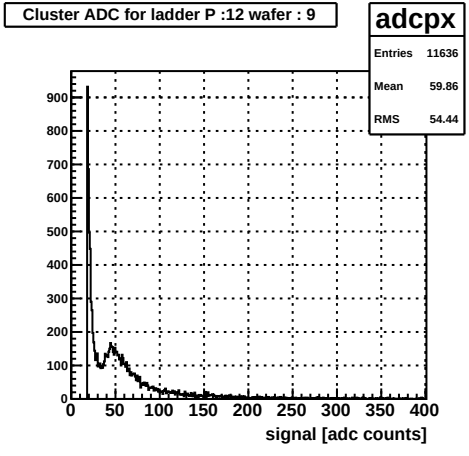

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 21233
Mean 33.07
RMS 33.55
signal [adc counts]

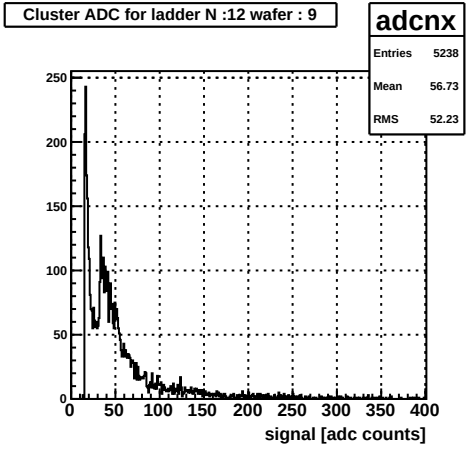

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 10343
Mean 46.45
RMS 47.09
signal [adc counts]

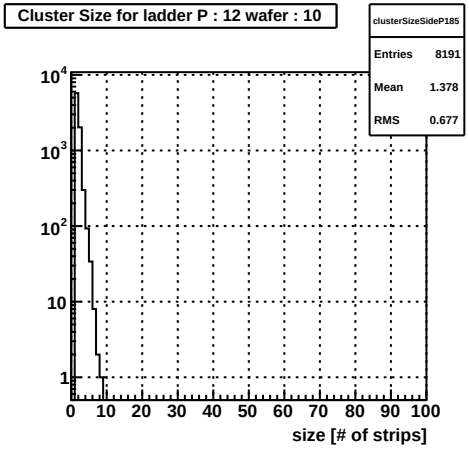

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 11636
Mean 1.31
RMS 0.6351
size [# of strips]

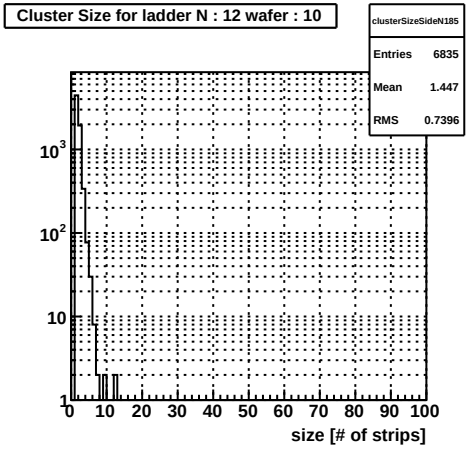

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 5238
Mean 1.505
RMS 0.7565
size [# of strips]

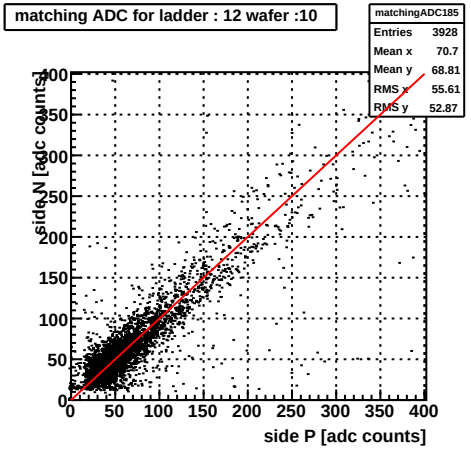

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 3814
Mean x 67.44
Mean y 63.58
RMS x 55.64
RMS y 53.9
side N [adc counts]
side P [adc counts]

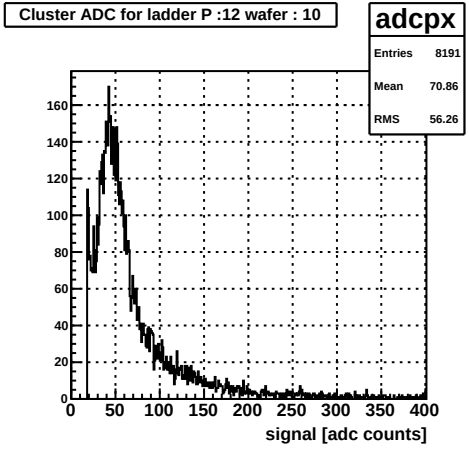

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 11636
Mean 59.86
RMS 54.44
signal [adc counts]

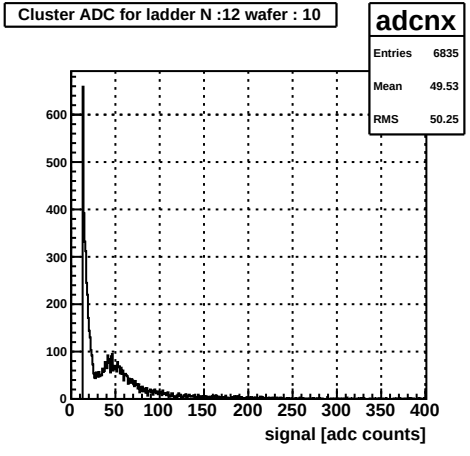

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 5238
Mean 56.73
RMS 52.23
signal [adc counts]

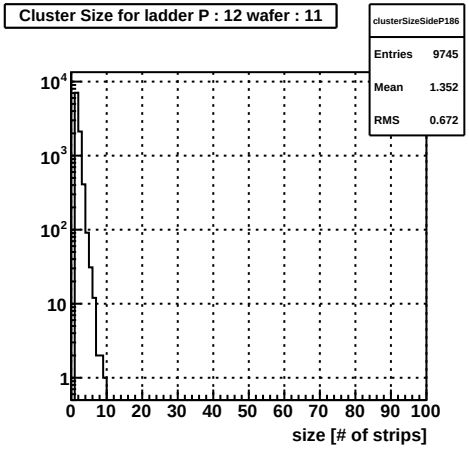

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 8191
Mean 1.378
RMS 0.677
size [# of strips]

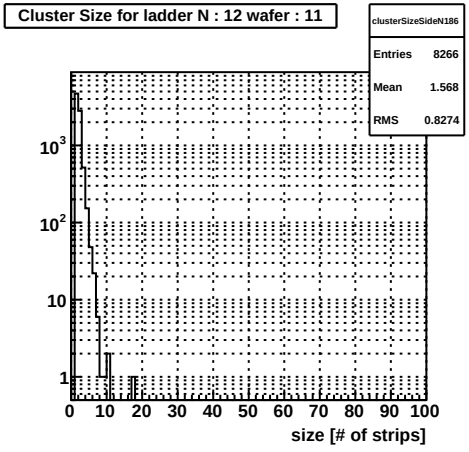

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 6835
Mean 1.447
RMS 0.7396
size [# of strips]

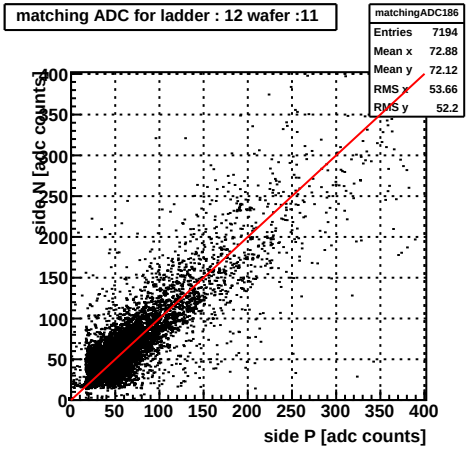

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 3928
Mean x 70.7
Mean y 68.81
RMS x 55.61
RMS y 52.87
side N [adc counts]
side P [adc counts]

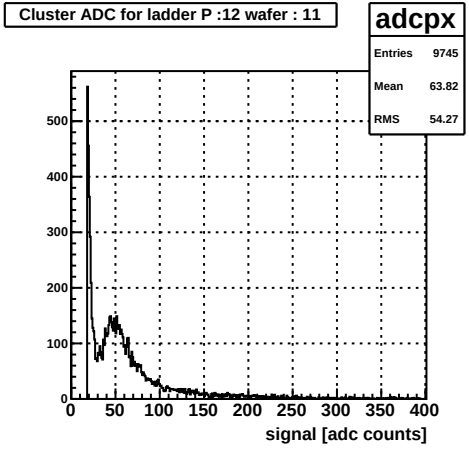

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 8191
Mean 70.86
RMS 56.26
signal [adc counts]

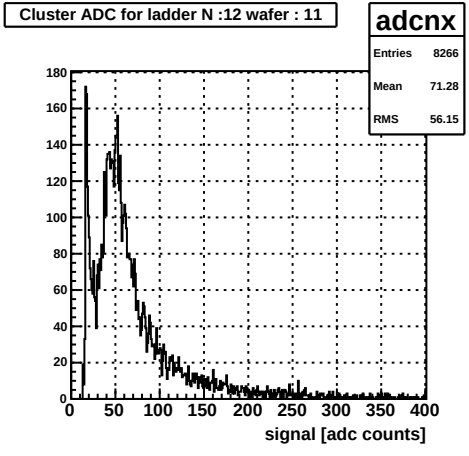

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 6835
Mean 49.53
RMS 50.25
signal [adc counts]

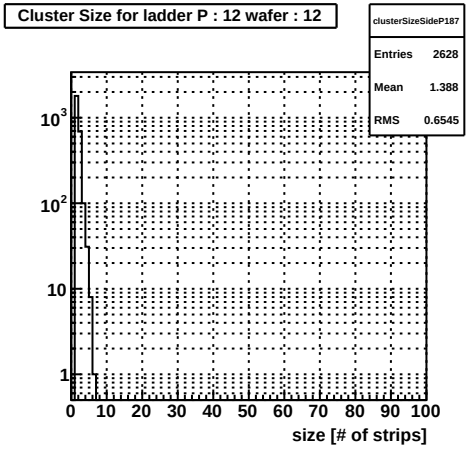

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 9745
Mean 1.352
RMS 0.672
size [# of strips]

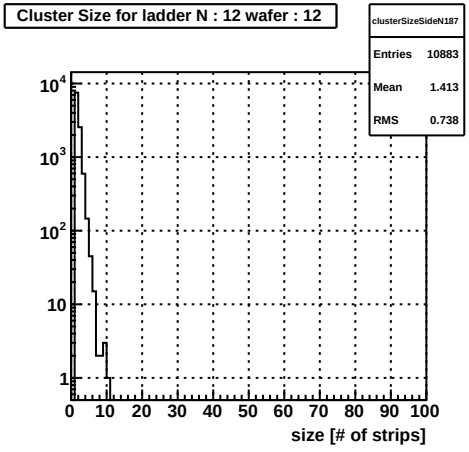

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 8266
Mean 1.568
RMS 0.8274
size [# of strips]

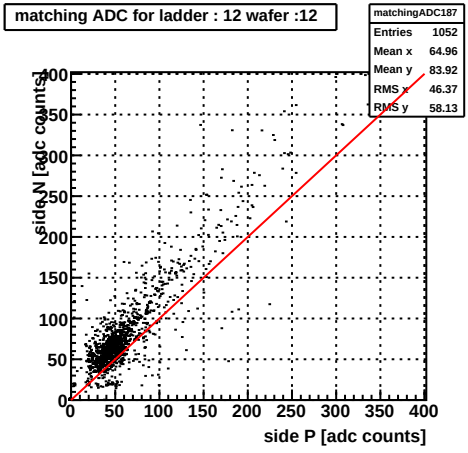

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 7194
Mean x 72.88
Mean y 72.12
RMS x 53.66
RMS y 52.2
side N [adc counts]
side P [adc counts]

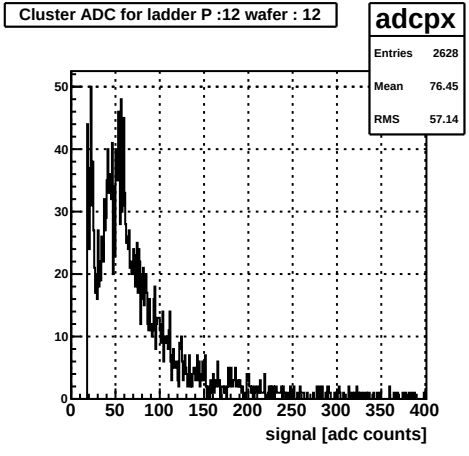

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 9745
Mean 63.82
RMS 54.27
signal [adc counts]

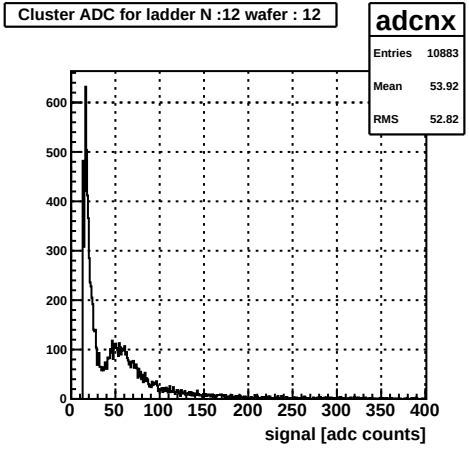

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 8266
Mean 71.28
RMS 56.15
signal [adc counts]

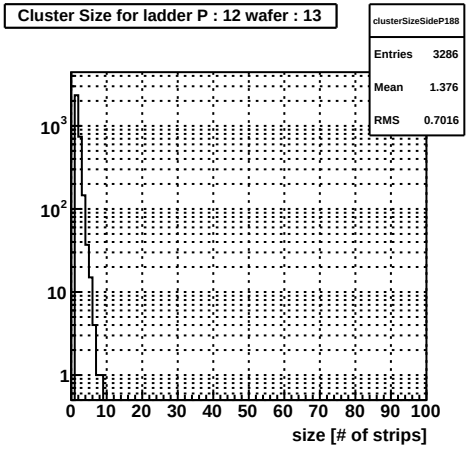

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 2628
Mean 1.388
RMS 0.6545
size [# of strips]

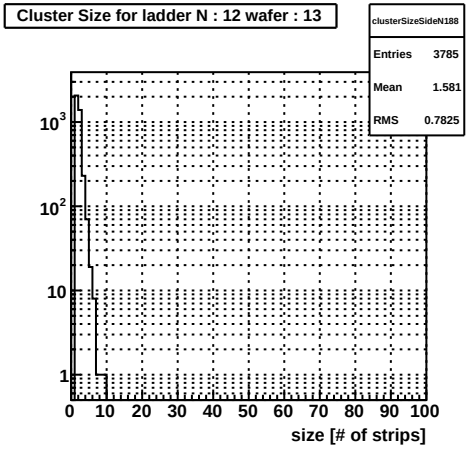

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 10883
Mean 1.413
RMS 0.738
size [# of strips]

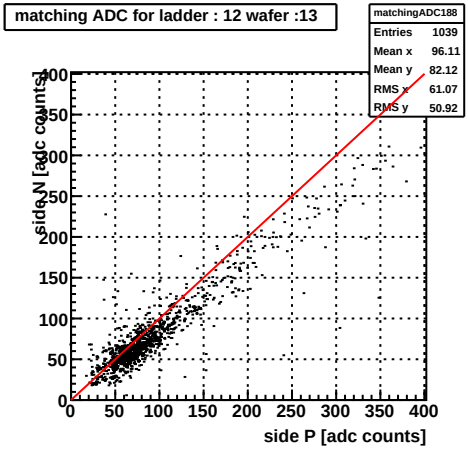

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 1052
Mean x 64.96
Mean y 83.92
RMS x 46.37
RMS y 58.13
side N [adc counts]
side P [adc counts]

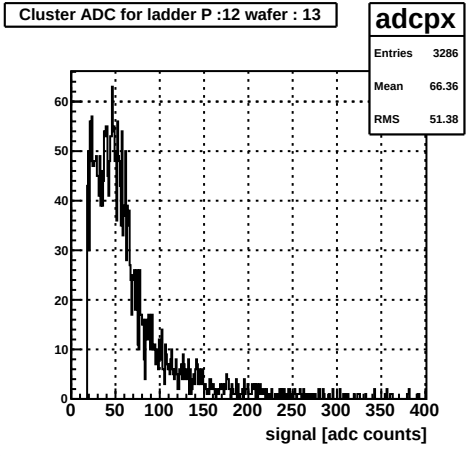

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 2628
Mean 76.45
RMS 57.14
signal [adc counts]

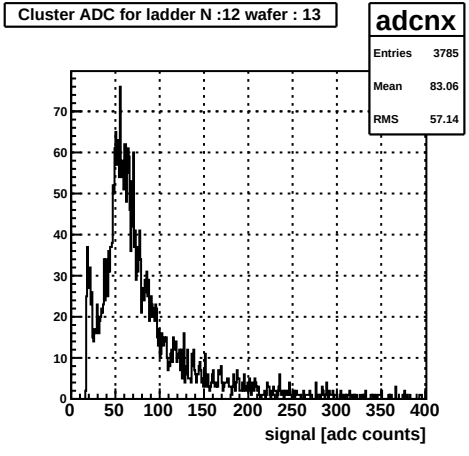

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 10883
Mean 53.92
RMS 52.82
signal [adc counts]

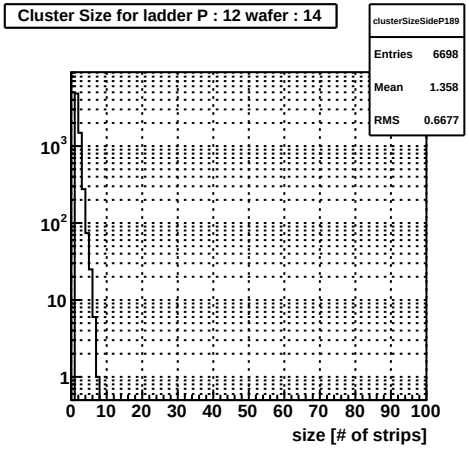

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 3286
Mean 1.376
RMS 0.7016
size [# of strips]

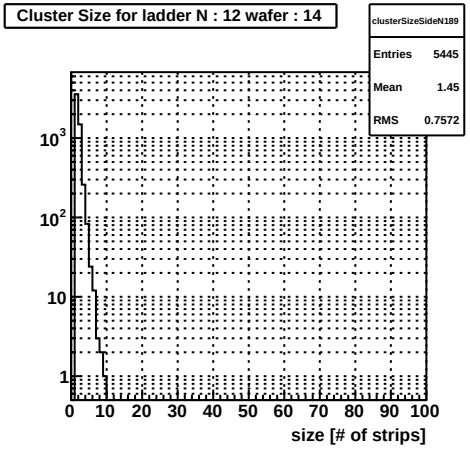

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 3785
Mean 1.581
RMS 0.7825
size [# of strips]

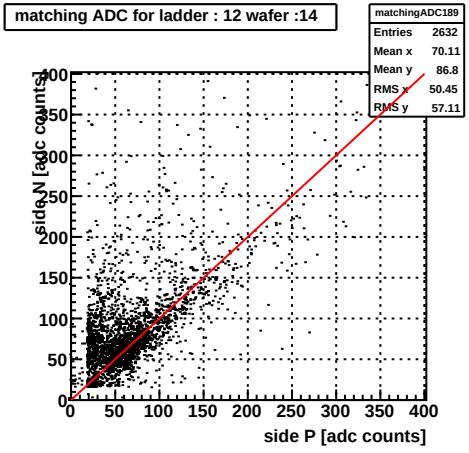

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 1039
Mean x 96.11
Mean y 82.12
RMS x 61.07
RMS y 50.92
side N [adc counts]
side P [adc counts]

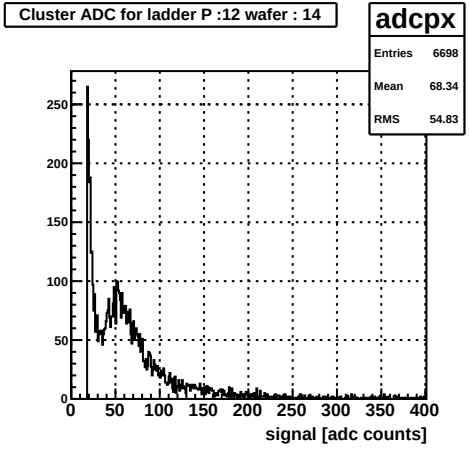

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 3286
Mean 66.36
RMS 51.38
signal [adc counts]

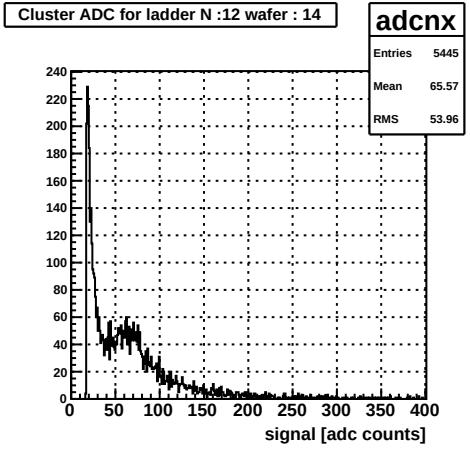

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 3785
Mean 83.06
RMS 57.14
signal [adc counts]

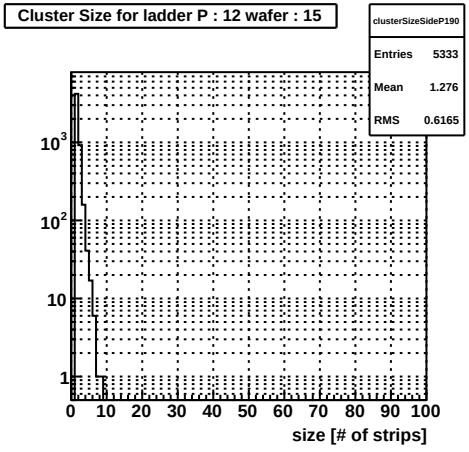

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 6698
Mean 1.358
RMS 0.6677
size [# of strips]

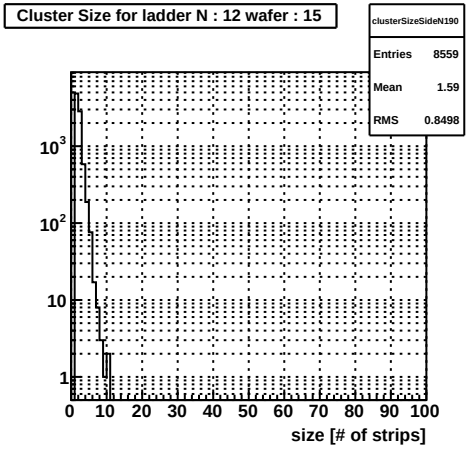

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 5445
Mean 1.45
RMS 0.7572
size [# of strips]

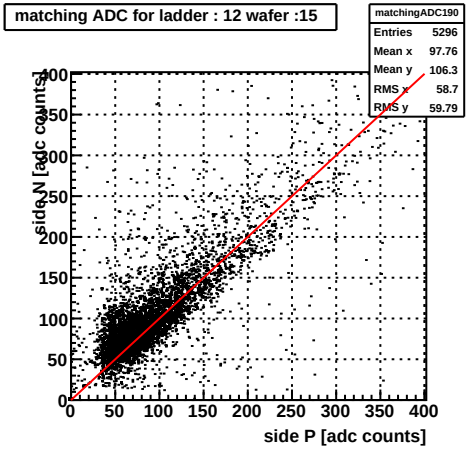

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 2632
Mean x 70.11
Mean y 86.8
RMS x 50.45
RMS y 57.11
side N [adc counts]
side P [adc counts]

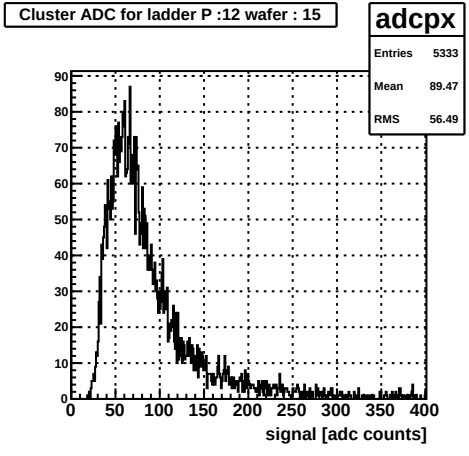

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 6698
Mean 68.34
RMS 54.83
signal [adc counts]

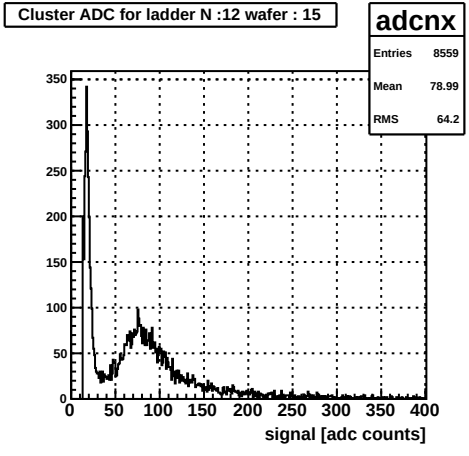

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 5445
Mean 65.57
RMS 53.96
signal [adc counts]

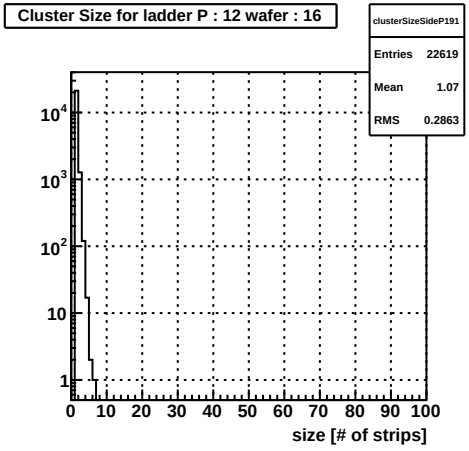

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 5333
Mean 1.276
RMS 0.6165
size [# of strips]

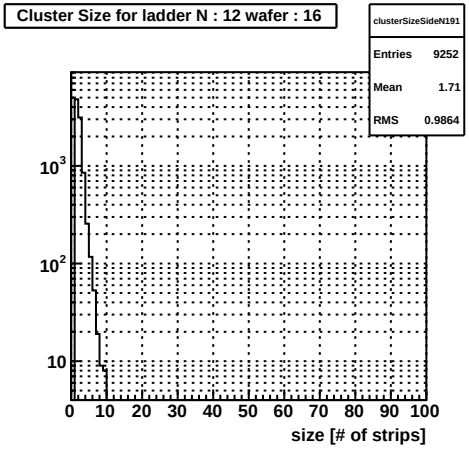

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 8559
Mean 1.59
RMS 0.8498
size [# of strips]

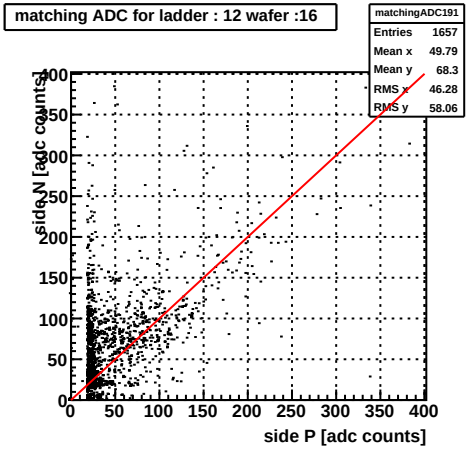

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 5296
Mean x 97.76
Mean y 106.3
RMS x 58.7
RMS y 59.79
side N [adc counts]
side P [adc counts]

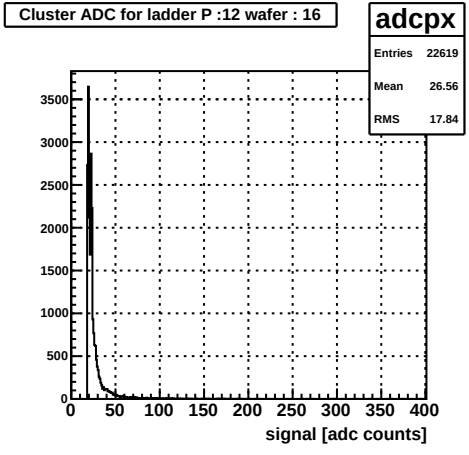

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 5333
Mean 89.47
RMS 56.49
signal [adc counts]

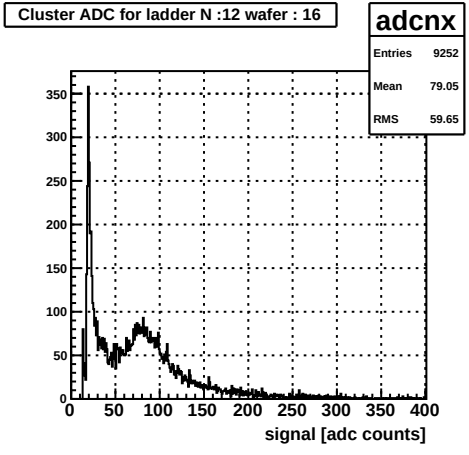

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 8559
Mean 78.99
RMS 64.2
signal [adc counts]

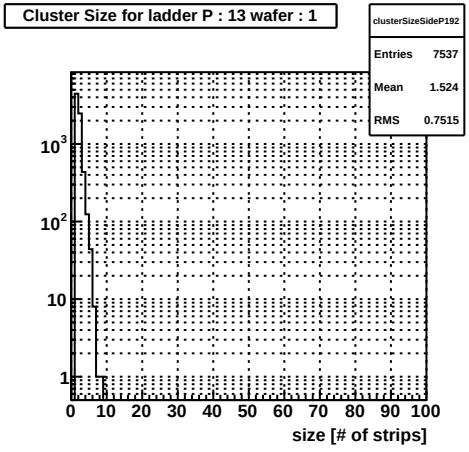

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 22619
Mean 1.07
RMS 0.2863
size [# of strips]

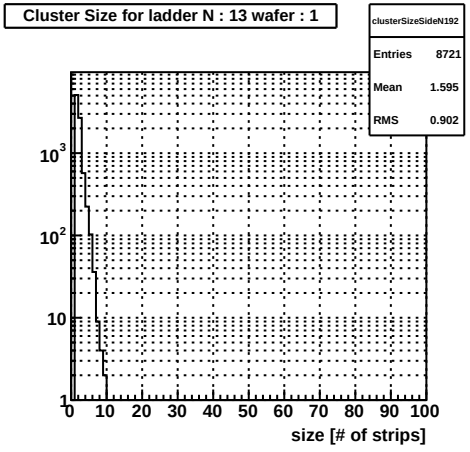

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 9252
Mean 1.71
RMS 0.9864
size [# of strips]

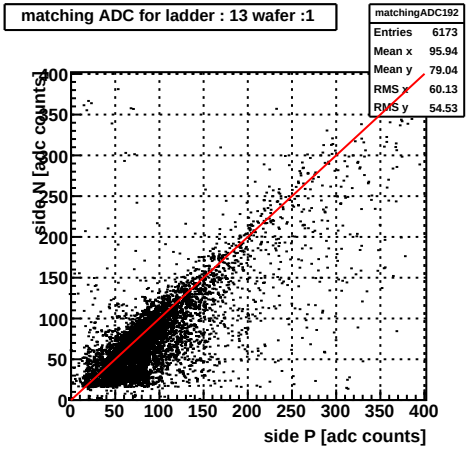

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1657
Mean x 49.79
Mean y 68.3
RMS x 46.28
RMS y 58.06
side N [adc counts]
side P [adc counts]

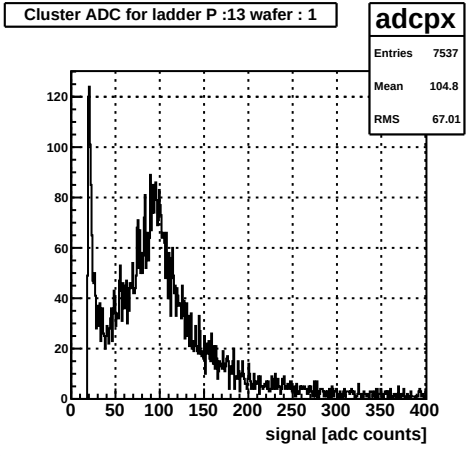

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 22619
Mean 26.56
RMS 17.84
signal [adc counts]

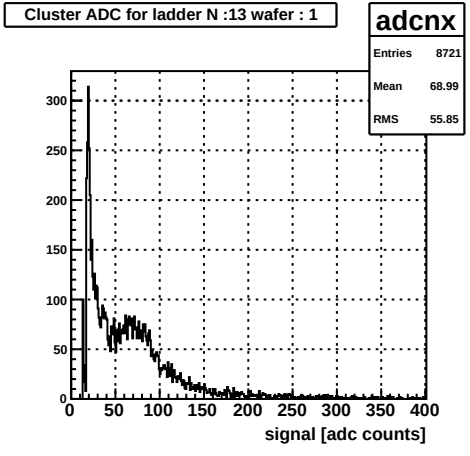

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 9252
Mean 79.05
RMS 59.65
signal [adc counts]

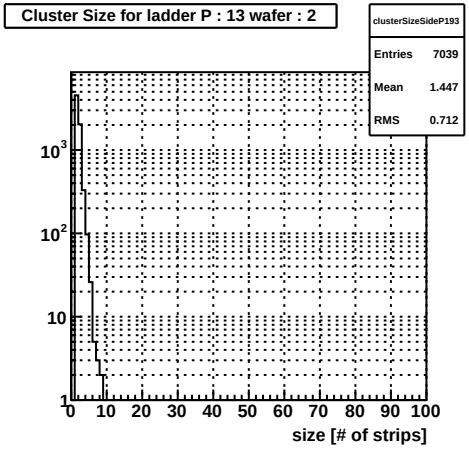

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 7537
Mean 1.524
RMS 0.7515
size [# of strips]

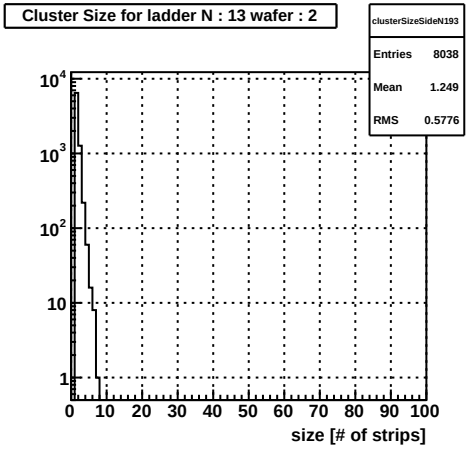

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 8721
Mean 1.595
RMS 0.902
size [# of strips]

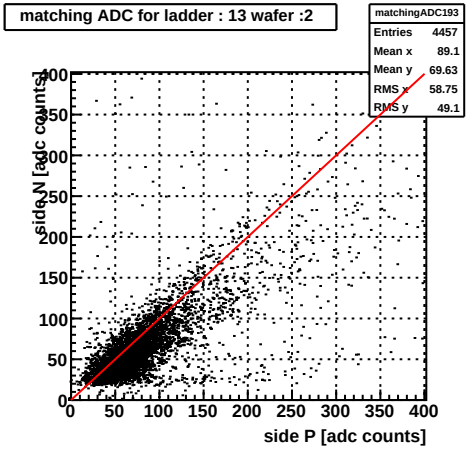

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 6173
Mean x 95.94
Mean y 79.04
RMS x 60.13
RMS y 54.53
side N [adc counts]
side P [adc counts]

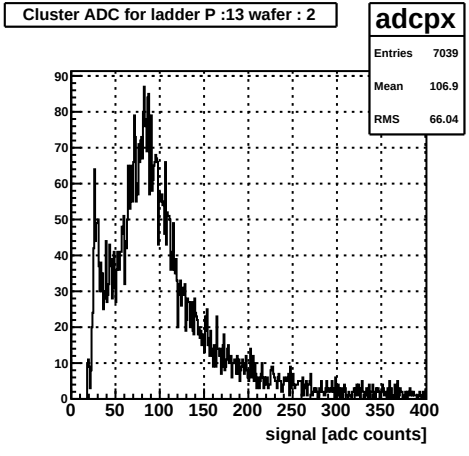

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 7537
Mean 104.8
RMS 67.01
signal [adc counts]

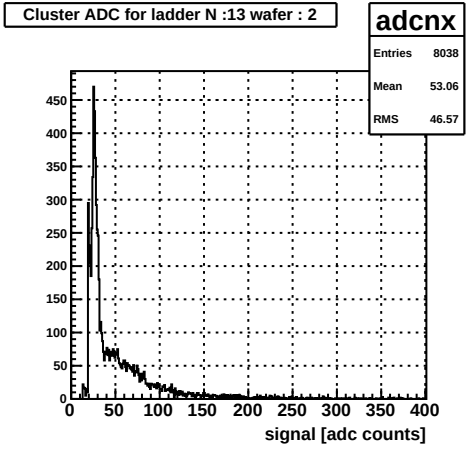

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 8721
Mean 68.99
RMS 55.85
signal [adc counts]

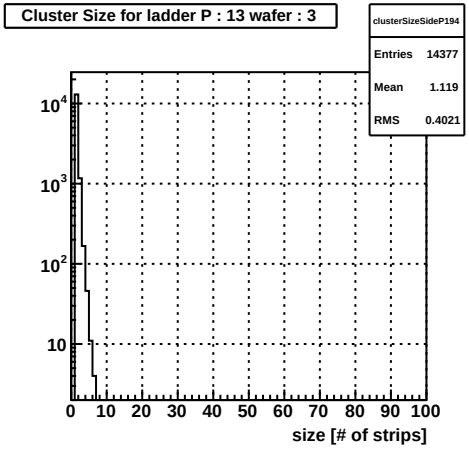

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 7039
Mean 1.447
RMS 0.712
size [# of strips]

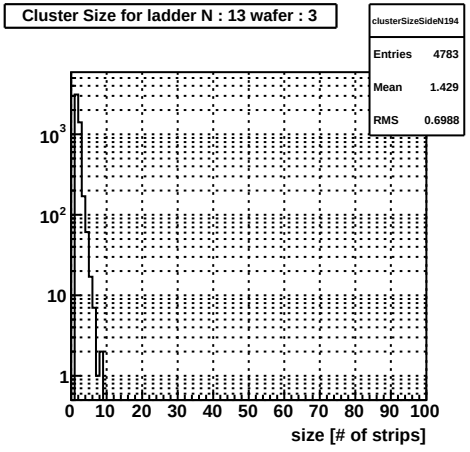

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 8038
Mean 1.249
RMS 0.5776
size [# of strips]

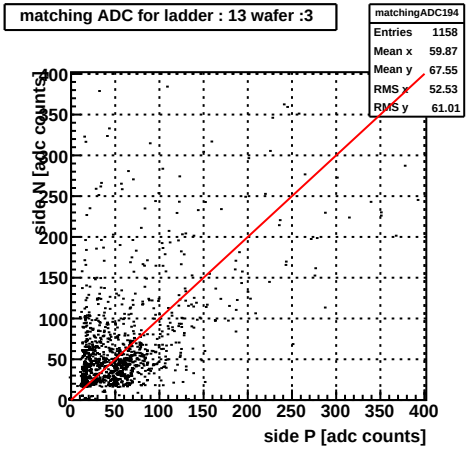

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 4457
Mean x 89.1
Mean y 69.63
RMS x 58.75
RMS y 49.1
side N [adc counts]
side P [adc counts]

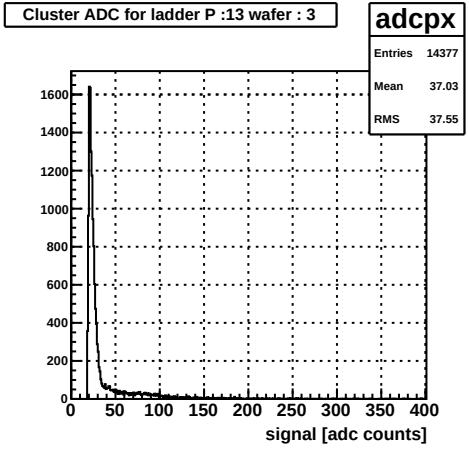

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 7039
Mean 106.9
RMS 66.04
signal [adc counts]

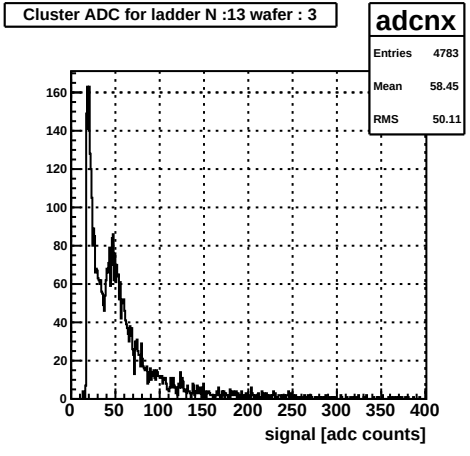

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 8038
Mean 53.06
RMS 46.57
signal [adc counts]

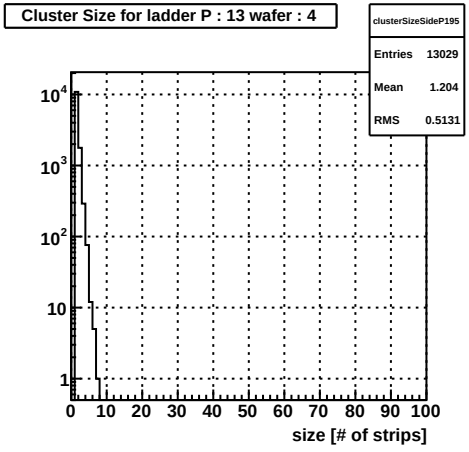

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 14377
Mean 1.119
RMS 0.4021
size [# of strips]

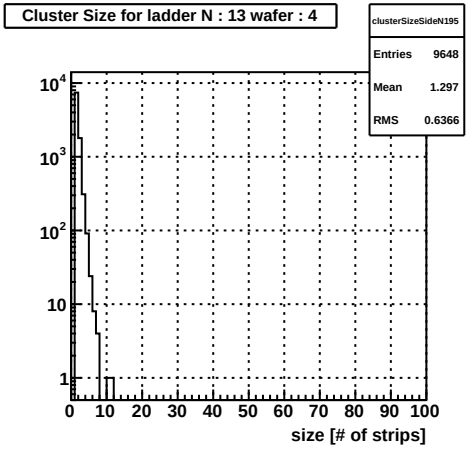

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 4783
Mean 1.429
RMS 0.6988
size [# of strips]

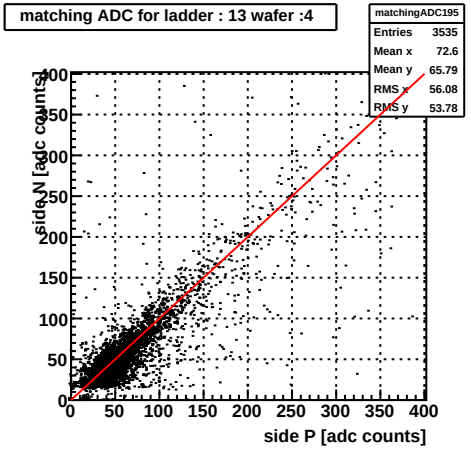

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 1158
Mean x 59.87
Mean y 67.55
RMS x 52.53
RMS y 61.01
side N [adc counts]
side P [adc counts]

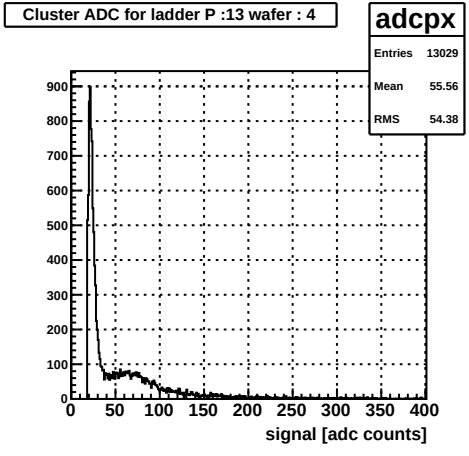

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 14377
Mean 37.03
RMS 37.55
signal [adc counts]

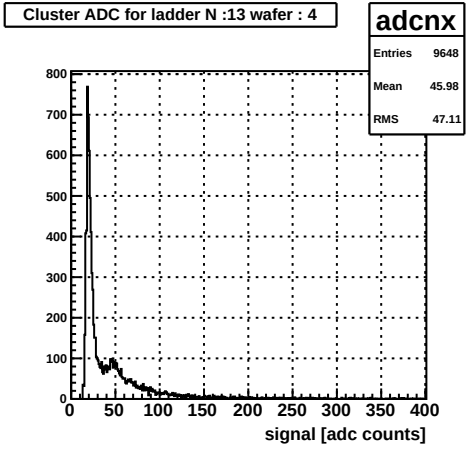

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 4783
Mean 58.45
RMS 50.11
signal [adc counts]

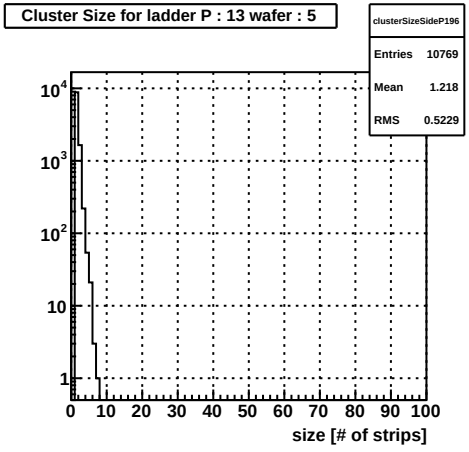

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 13029
Mean 1.204
RMS 0.5131
size [# of strips]

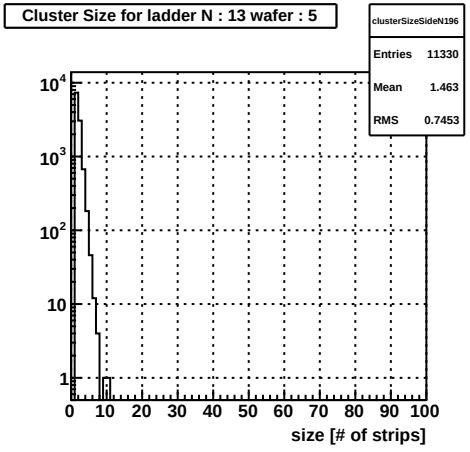

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 9648
Mean 1.297
RMS 0.6366
size [# of strips]

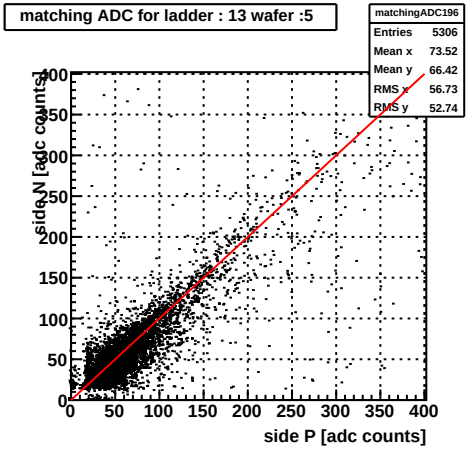

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 3535
Mean x 72.6
Mean y 65.79
RMS x 56.08
RMS y 53.78
side N [adc counts]
side P [adc counts]

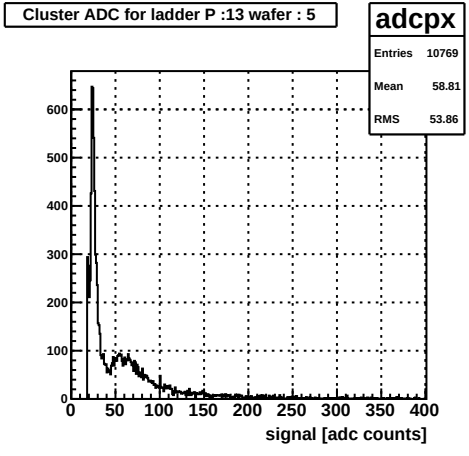

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 13029
Mean 55.56
RMS 54.38
signal [adc counts]

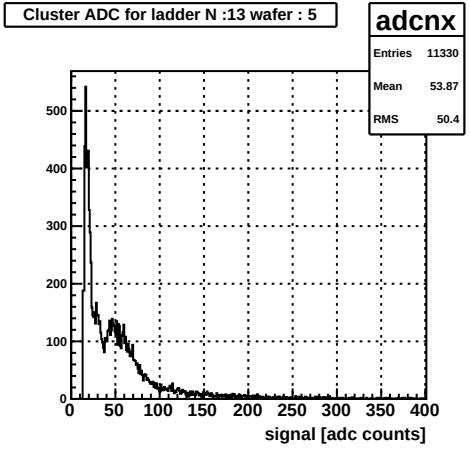

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 9648
Mean 45.98
RMS 47.11
signal [adc counts]

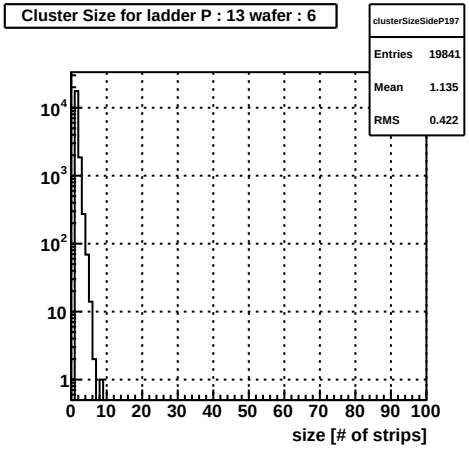

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 10769
Mean 1.218
RMS 0.5229
size [# of strips]

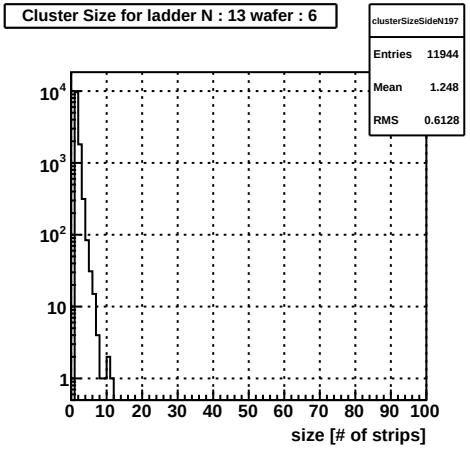

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 11330
Mean 1.463
RMS 0.7453
size [# of strips]

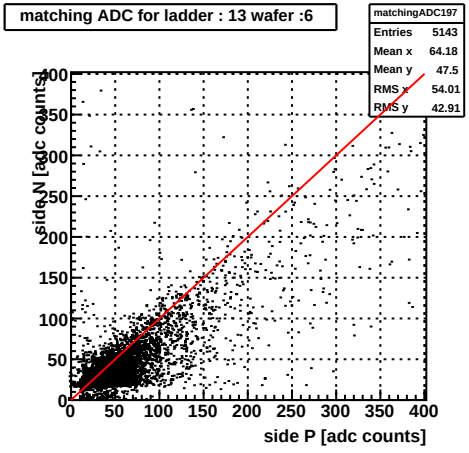

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 5306
Mean x 73.52
Mean y 66.42
RMS x 56.73
RMS y 52.74
side N [adc counts]
side P [adc counts]

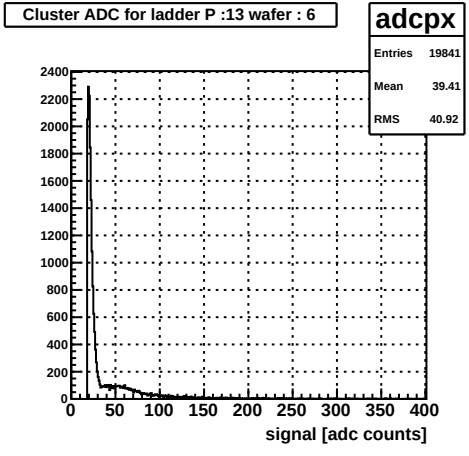

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 10769
Mean 58.81
RMS 53.86
signal [adc counts]

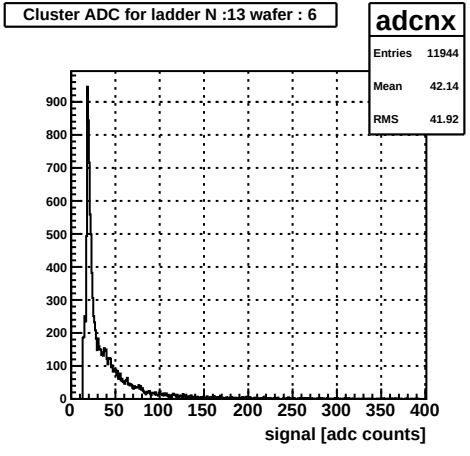

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 11330
Mean 53.87
RMS 50.4
signal [adc counts]

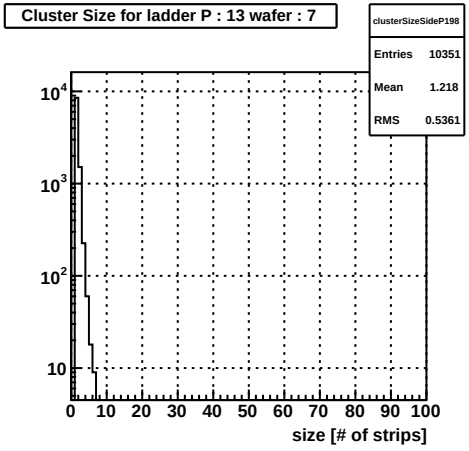

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 19841
Mean 1.135
RMS 0.422
size [# of strips]

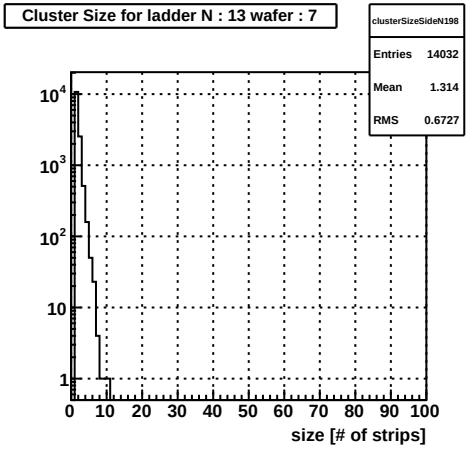

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 11944
Mean 1.248
RMS 0.6128
size [# of strips]

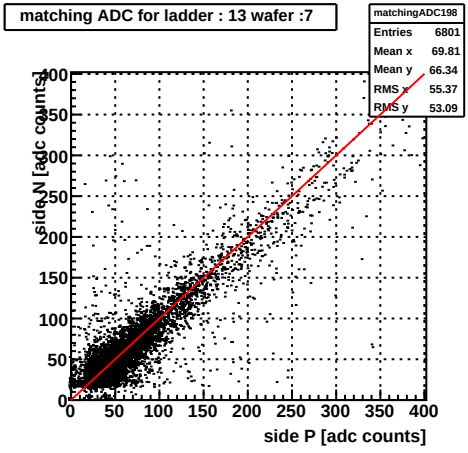

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 5143
Mean x 64.18
Mean y 47.5
RMS x 54.01
RMS y 42.91
side N [adc counts]
side P [adc counts]

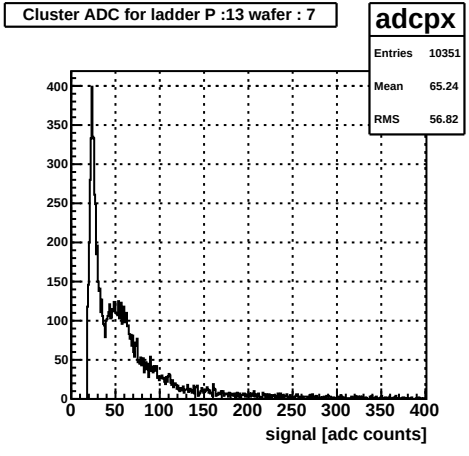

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 19841
Mean 39.41
RMS 40.92
signal [adc counts]

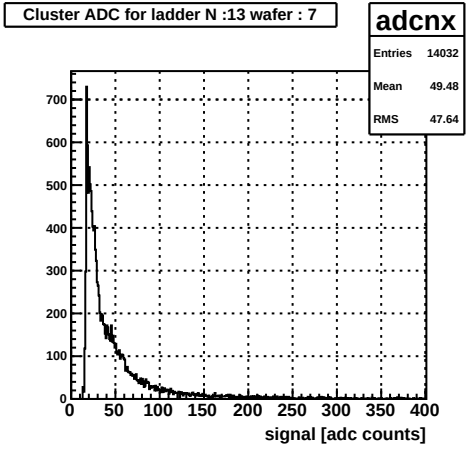

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 11944
Mean 42.14
RMS 41.92
signal [adc counts]

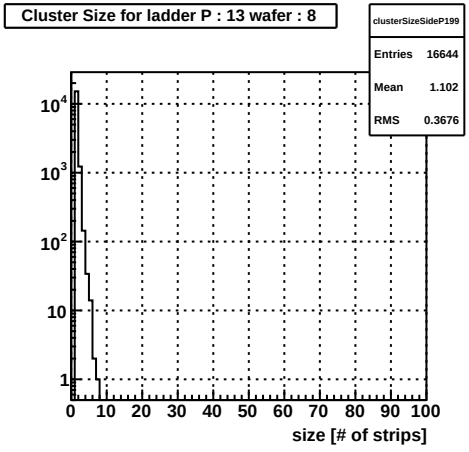

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 10351
Mean 1.218
RMS 0.5361
size [# of strips]

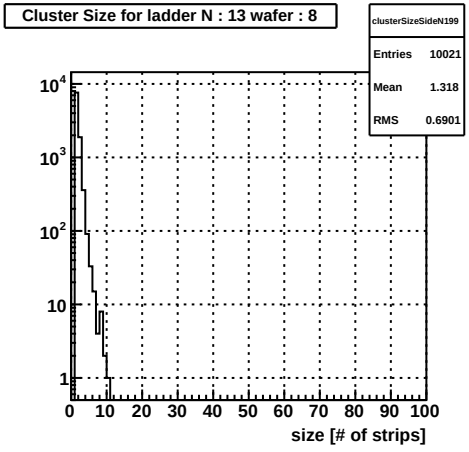

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 14032
Mean 1.314
RMS 0.6727
size [# of strips]

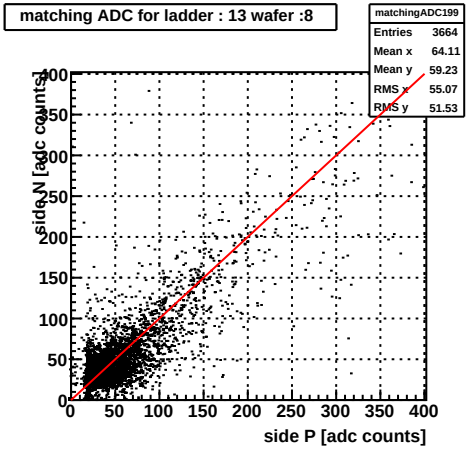

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 6801
Mean x 69.81
Mean y 66.34
RMS x 55.37
RMS y 53.09
side N [adc counts]
side P [adc counts]

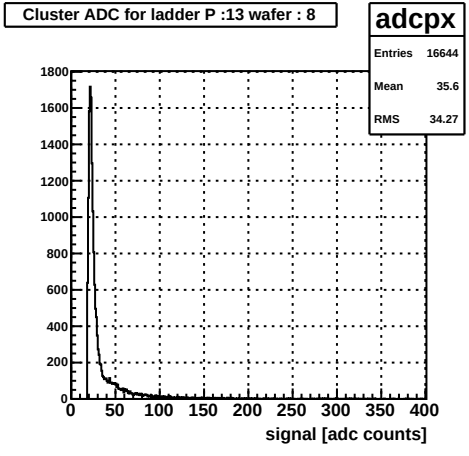

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 10351
Mean 65.24
RMS 56.82
signal [adc counts]

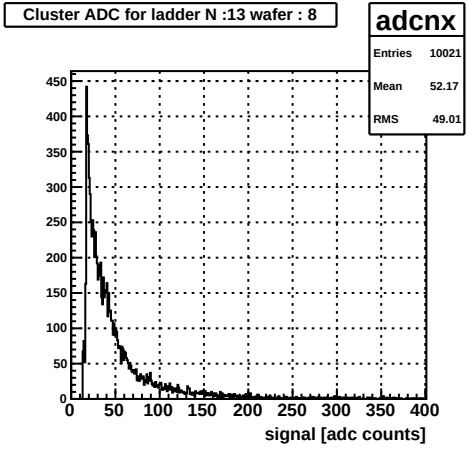

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 14032
Mean 49.48
RMS 47.64
signal [adc counts]

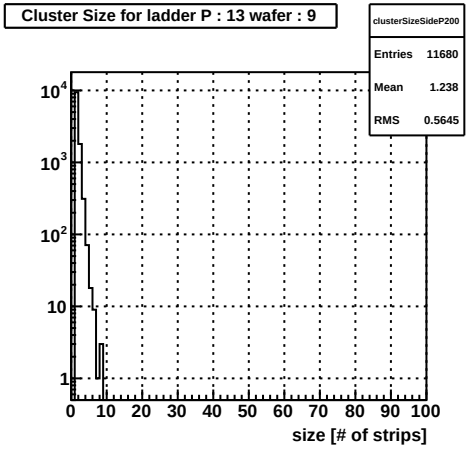

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 16644
Mean 1.102
RMS 0.3676
size [# of strips]

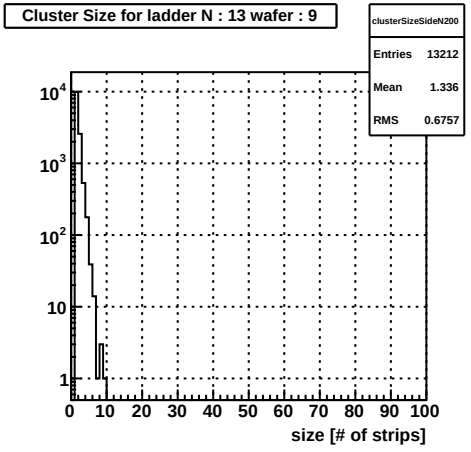

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 10021
Mean 1.318
RMS 0.6901
size [# of strips]

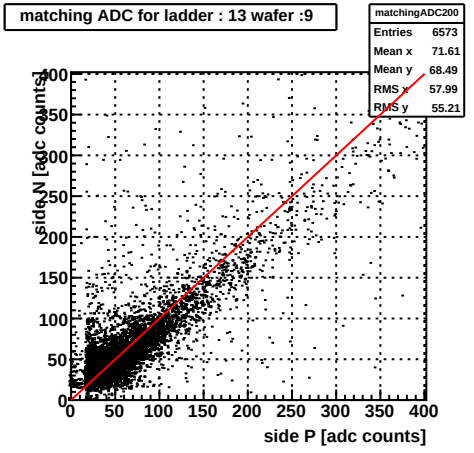

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 3664
Mean x 64.11
Mean y 59.23
RMS x 55.07
RMS y 51.53
side N [adc counts]
side P [adc counts]

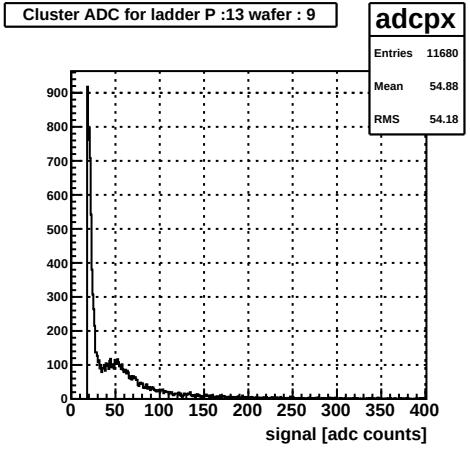

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 16644
Mean 35.6
RMS 34.27
signal [adc counts]

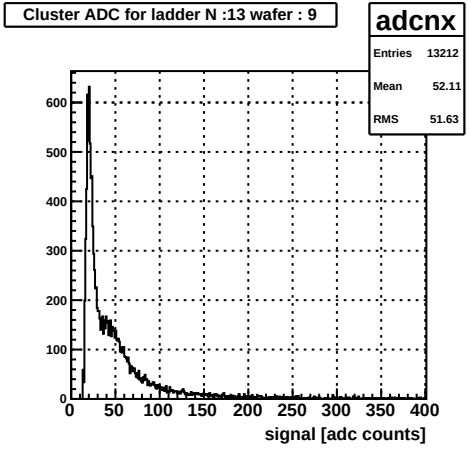

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 10021
Mean 52.17
RMS 49.01
signal [adc counts]

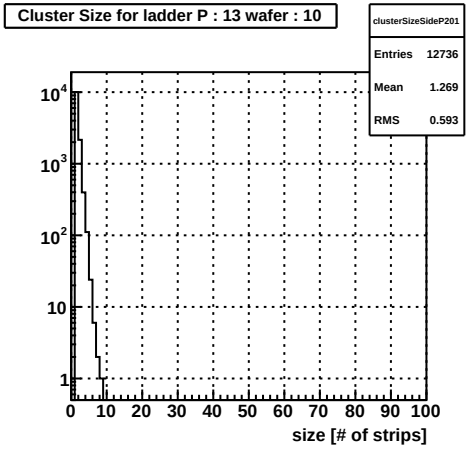

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 11680
Mean 1.238
RMS 0.5645
size [# of strips]

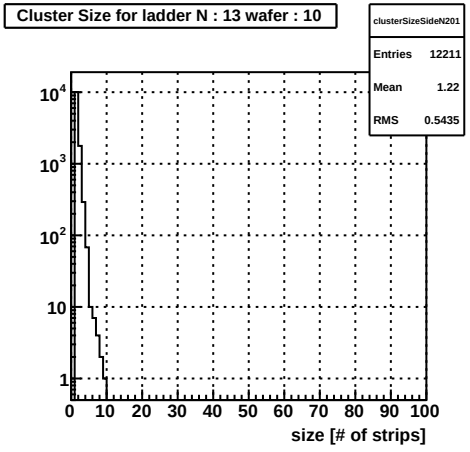

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 13212
Mean 1.336
RMS 0.6757
size [# of strips]

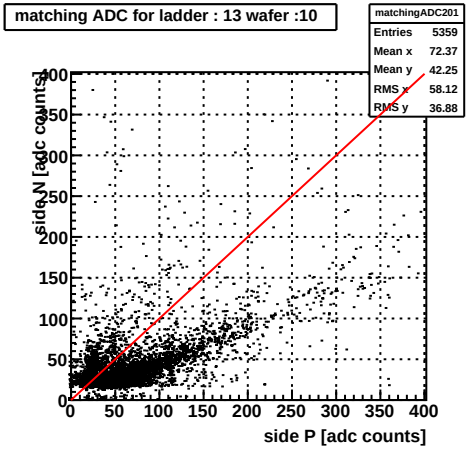

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 6573
Mean x 71.61
Mean y 68.49
RMS x 57.99
RMS y 55.21
side N [adc counts]
side P [adc counts]

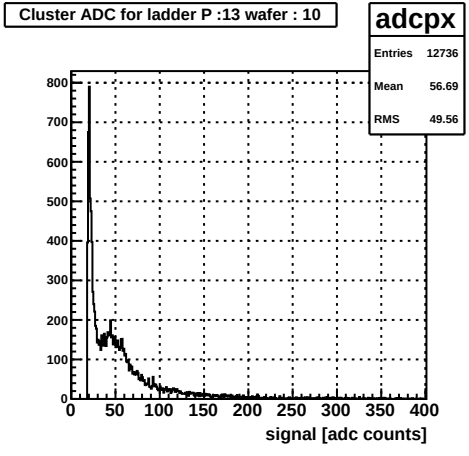

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 11680
Mean 54.88
RMS 54.18
signal [adc counts]

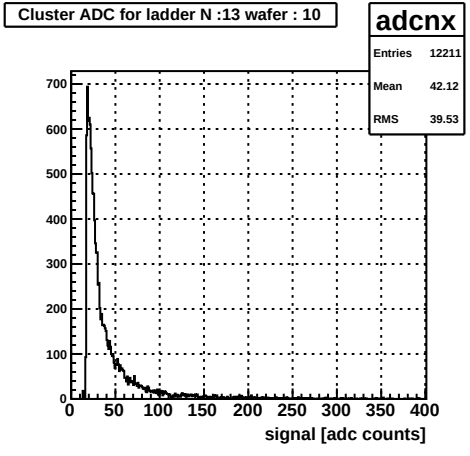

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 13212
Mean 52.11
RMS 51.63
signal [adc counts]

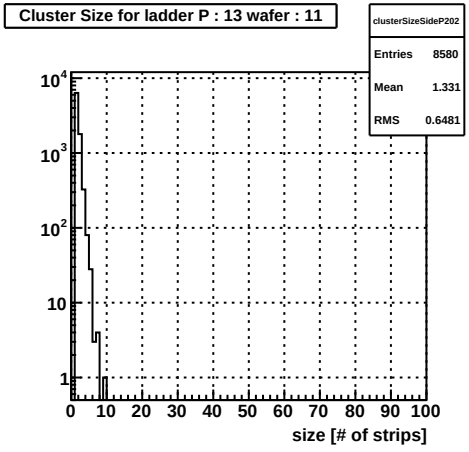

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 12736
Mean 1.269
RMS 0.593
size [# of strips]

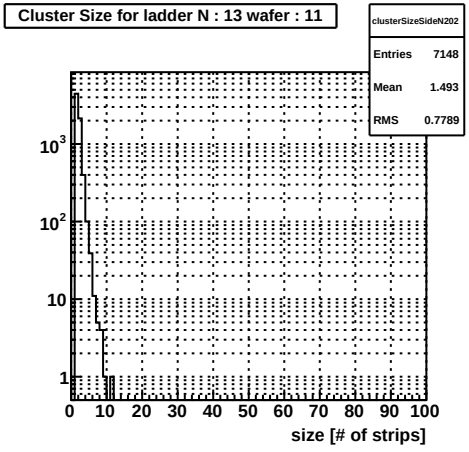

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 12211
Mean 1.22
RMS 0.5435
size [# of strips]

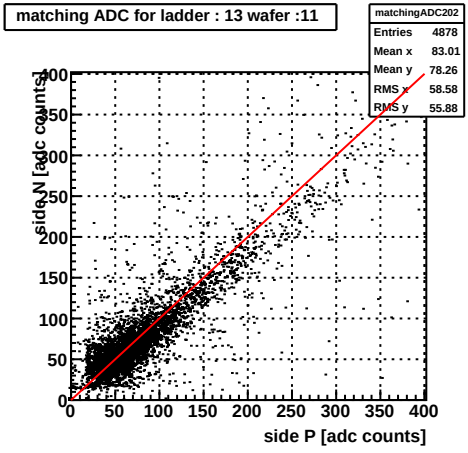

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 5359
Mean x 72.37
Mean y 42.25
RMS x 58.12
RMS y 36.88
side N [adc counts]
side P [adc counts]

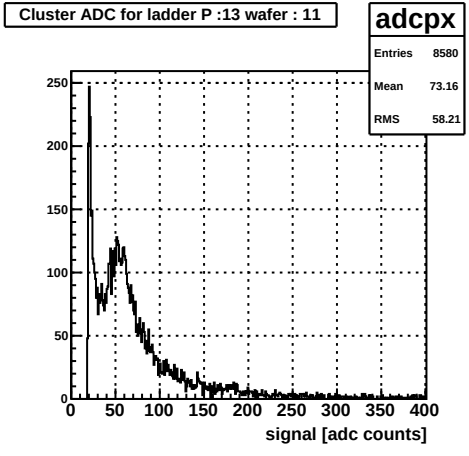

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 12736
Mean 56.69
RMS 49.56
signal [adc counts]

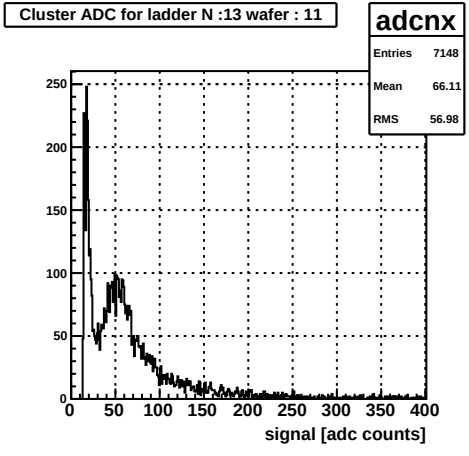

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 12211
Mean 42.12
RMS 39.53
signal [adc counts]

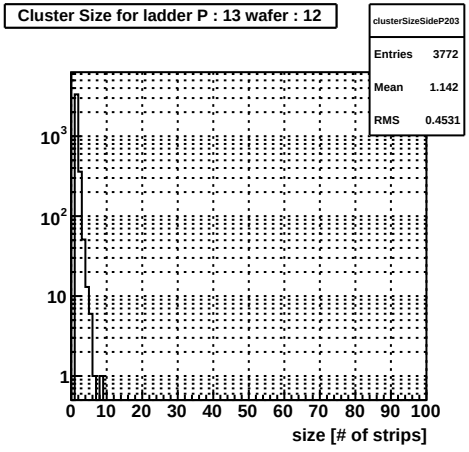

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 8580
Mean 1.331
RMS 0.6481
size [# of strips]

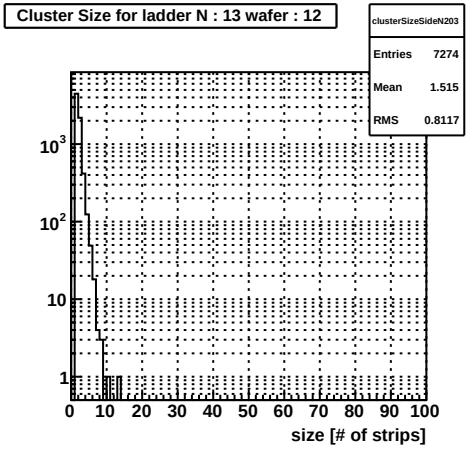

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 7148
Mean 1.493
RMS 0.7789
size [# of strips]

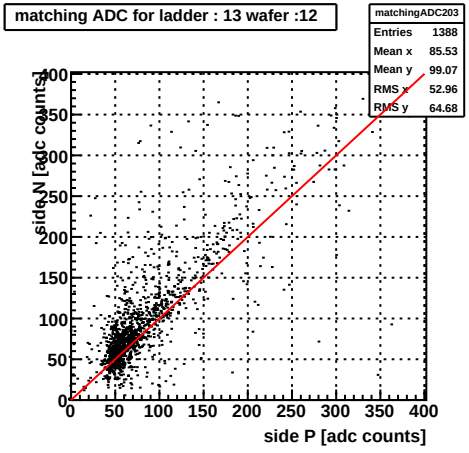

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 4878
Mean x 83.01
Mean y 78.26
RMS x 58.58
RMS y 55.88
side N [adc counts]
side P [adc counts]

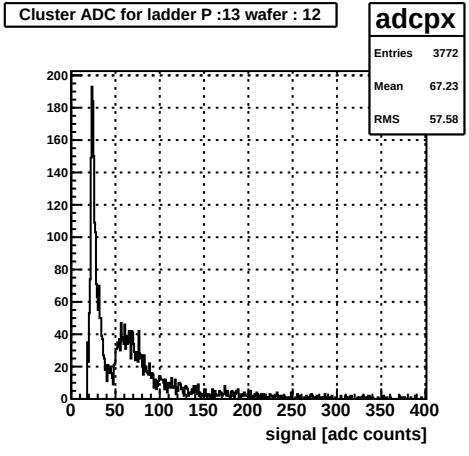

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 8580
Mean 73.16
RMS 58.21
signal [adc counts]

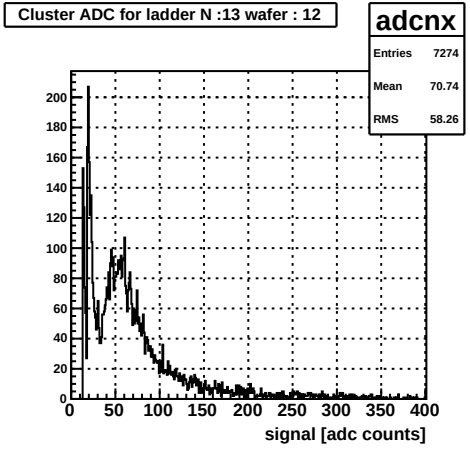

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 7148
Mean 66.11
RMS 56.98
signal [adc counts]

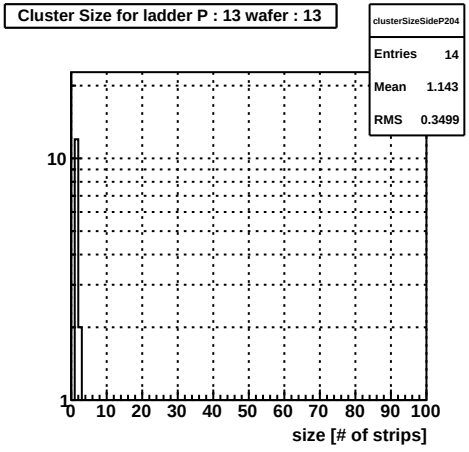

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 3772
Mean 1.142
RMS 0.4531
size [# of strips]

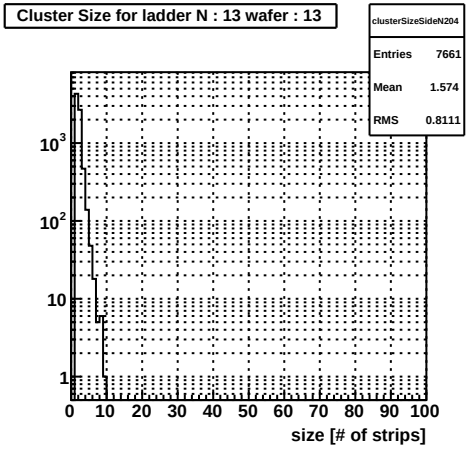

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 7274
Mean 1.515
RMS 0.8117
size [# of strips]

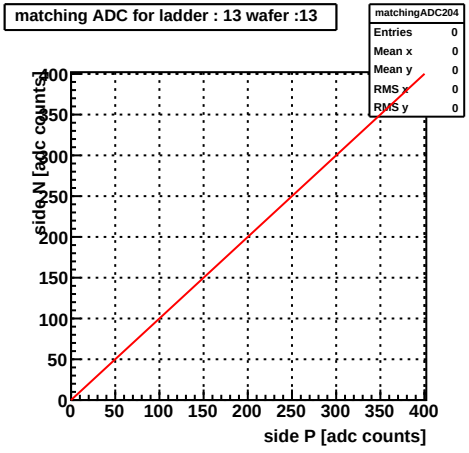

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 1388
Mean x 85.53
Mean y 99.07
RMS x 52.96
RMS y 64.68
side N [adc counts]
side P [adc counts]

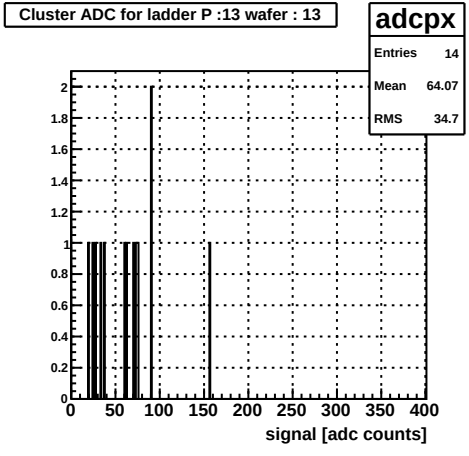

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 3772
Mean 67.23
RMS 57.58
signal [adc counts]

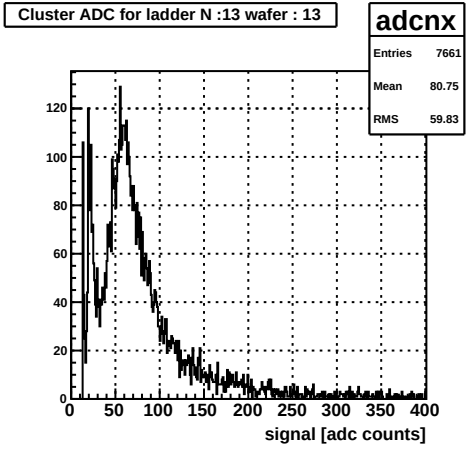

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 7274
Mean 70.74
RMS 58.26
signal [adc counts]

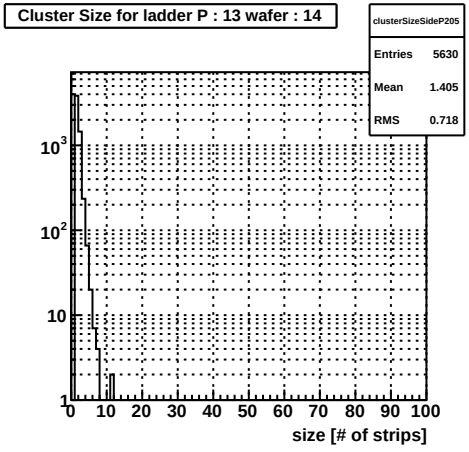

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 14
Mean 1.143
RMS 0.3499
size [# of strips]

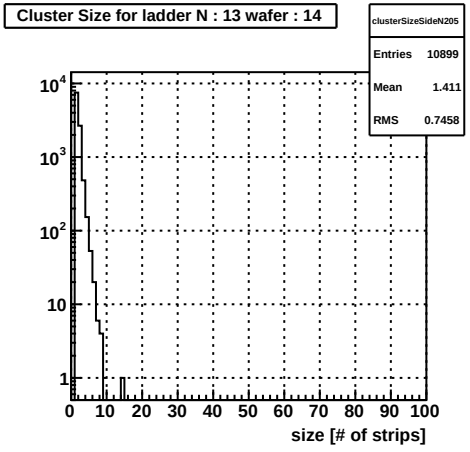

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 7661
Mean 1.574
RMS 0.8111
size [# of strips]

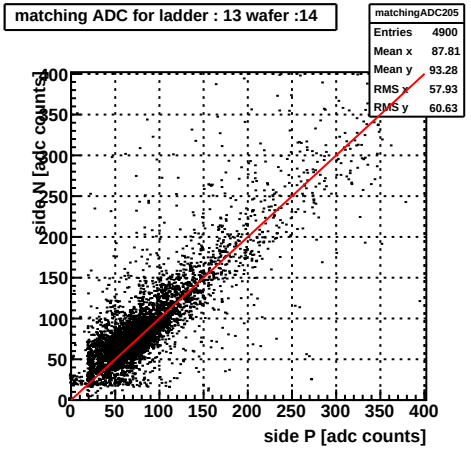

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

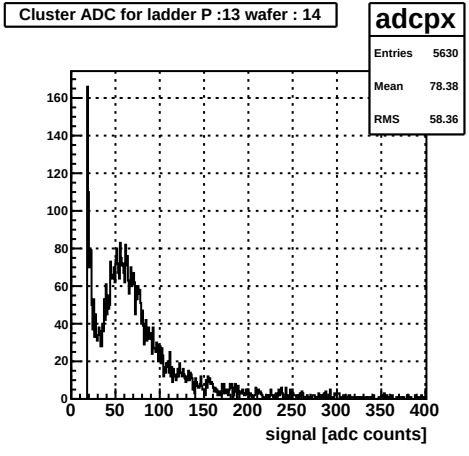

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 14
Mean 64.07
RMS 34.7
signal [adc counts]

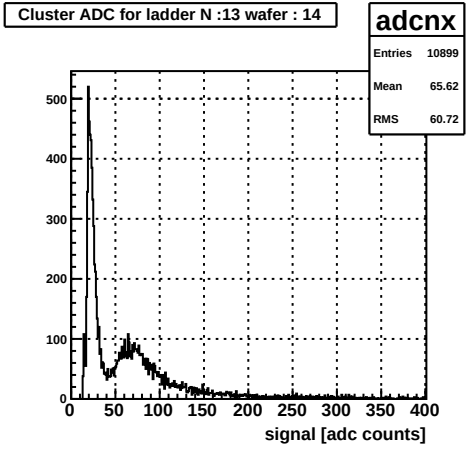

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 7661
Mean 80.75
RMS 59.83
signal [adc counts]

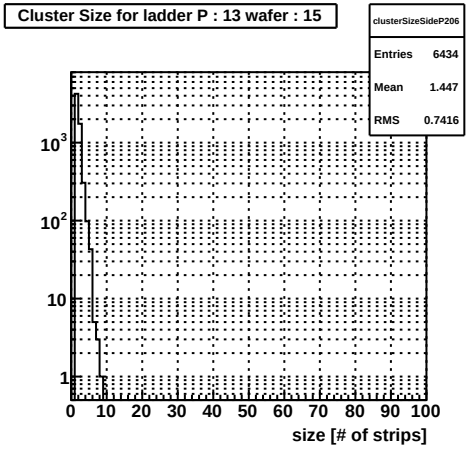

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 5630
Mean 1.405
RMS 0.718
size [# of strips]

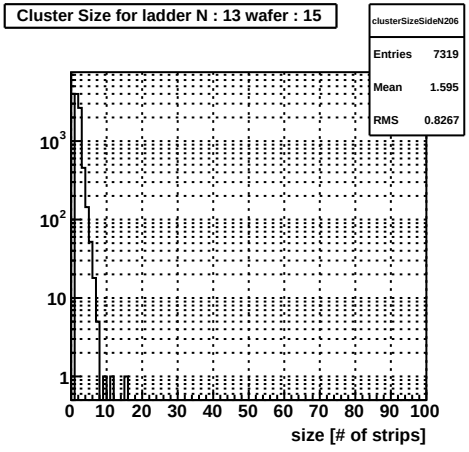

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 10899
Mean 1.411
RMS 0.7458
size [# of strips]

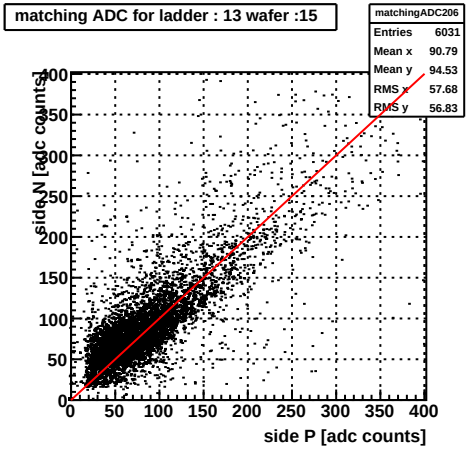

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 4900
Mean x 87.81
Mean y 93.28
RMS x 57.93
RMS y 60.63
side N [adc counts]
side P [adc counts]

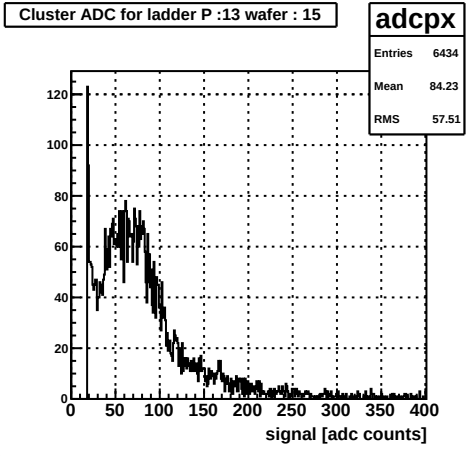

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 5630
Mean 78.38
RMS 58.36
signal [adc counts]

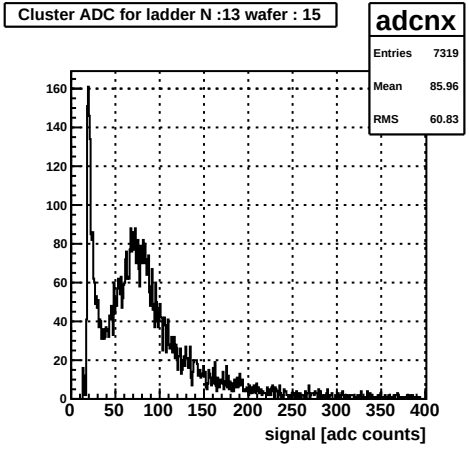

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 10899
Mean 65.62
RMS 60.72
signal [adc counts]

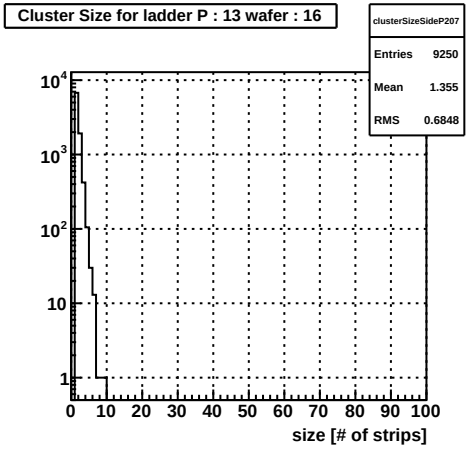

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 6434
Mean 1.447
RMS 0.7416
size [# of strips]

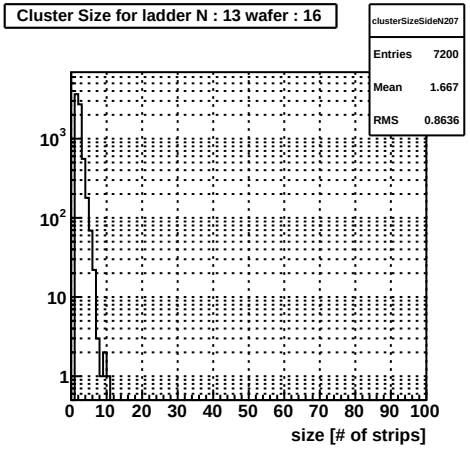

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 7319
Mean 1.595
RMS 0.8267
size [# of strips]

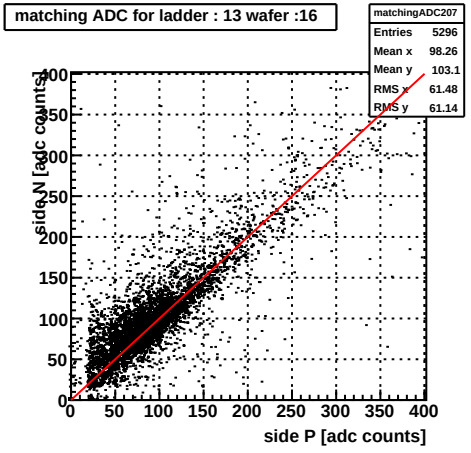

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 6031
Mean x 90.79
Mean y 94.53
RMS x 57.68
RMS y 56.83
side N [adc counts]
side P [adc counts]

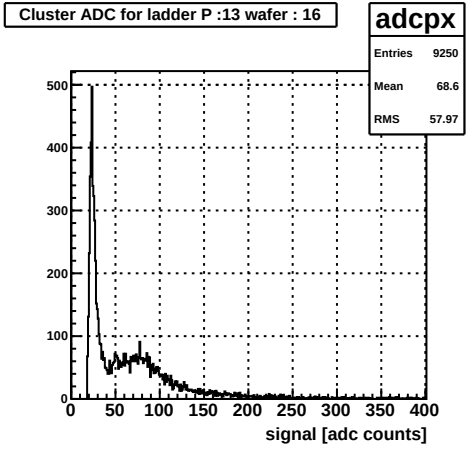

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 6434
Mean 84.23
RMS 57.51
signal [adc counts]

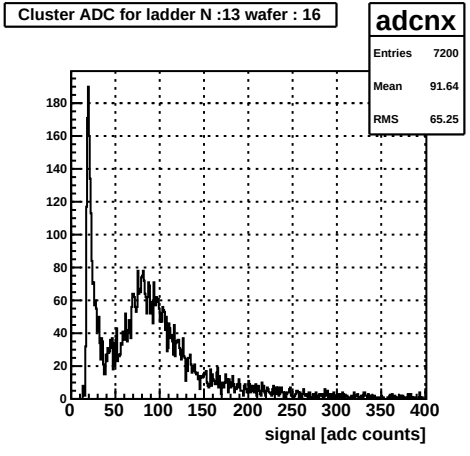

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 7319
Mean 85.96
RMS 60.83
signal [adc counts]

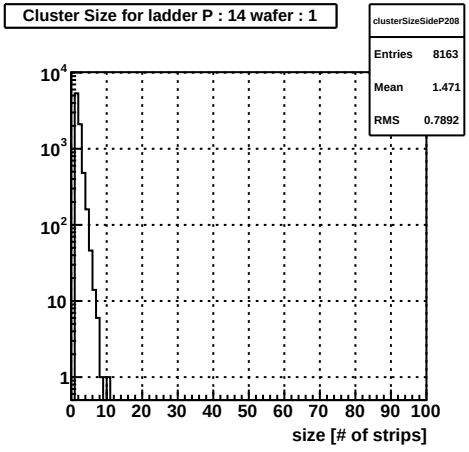

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 9250
Mean 1.355
RMS 0.6848
size [# of strips]

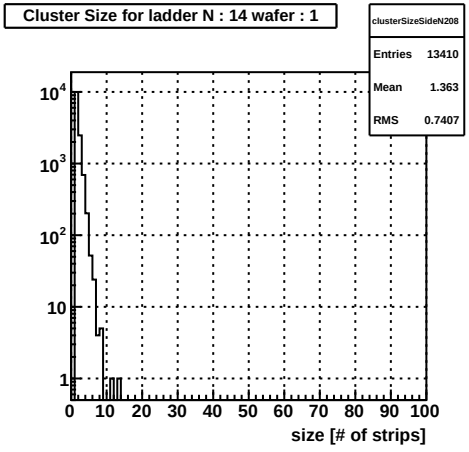

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 7200
Mean 1.667
RMS 0.8636
size [# of strips]

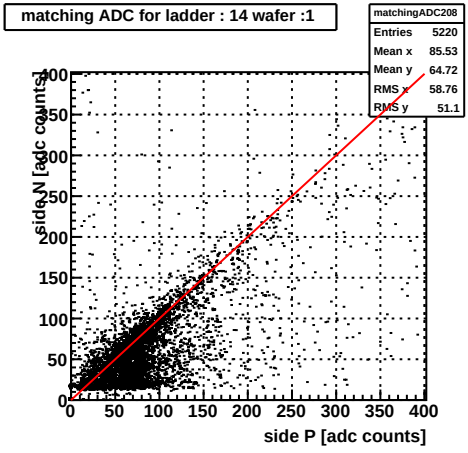

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 5296
Mean x 98.26
Mean y 103.1
RMS x 61.48
RMS y 61.14
side N [adc counts]
side P [adc counts]

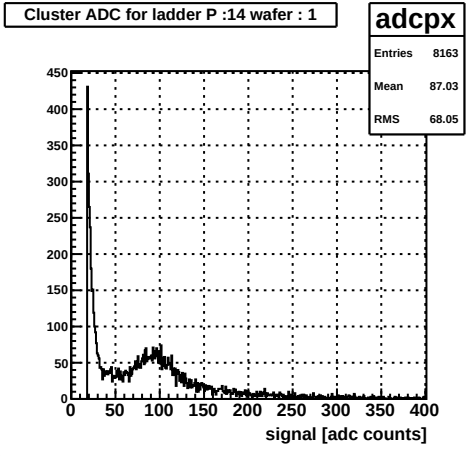

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 9250
Mean 68.6
RMS 57.97
signal [adc counts]

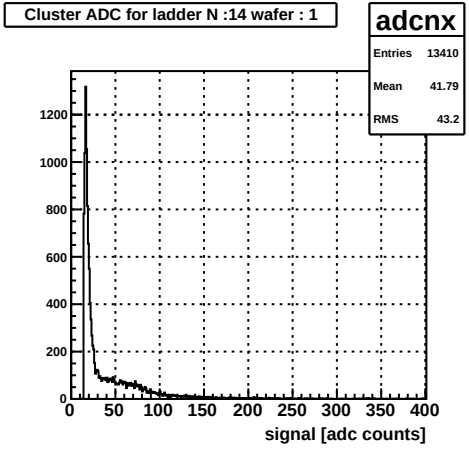

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 7200
Mean 91.64
RMS 65.25
signal [adc counts]

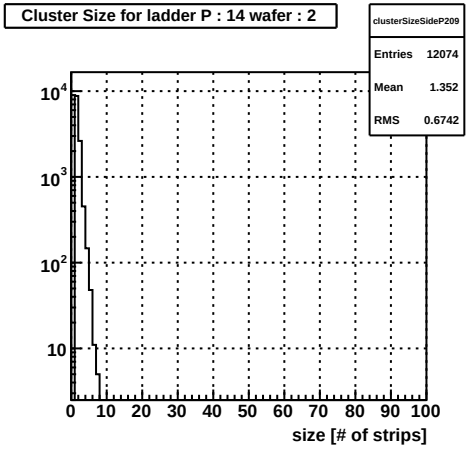

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 8163
Mean 1.471
RMS 0.7892
size [# of strips]

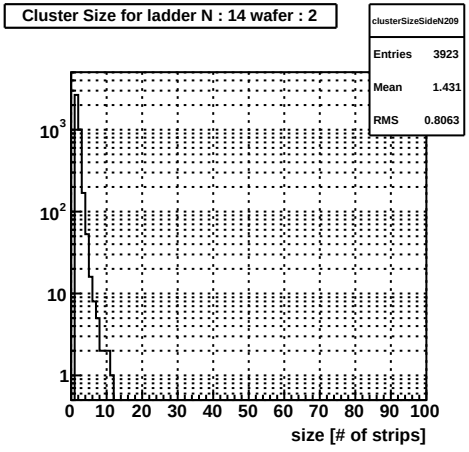

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 13410
Mean 1.363
RMS 0.7407
size [# of strips]

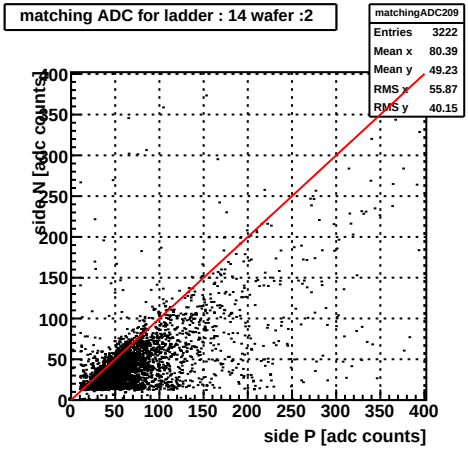

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 5220
Mean x 85.53
Mean y 64.72
RMS x 58.76
RMS y 51.1
side N [adc counts]
side P [adc counts]

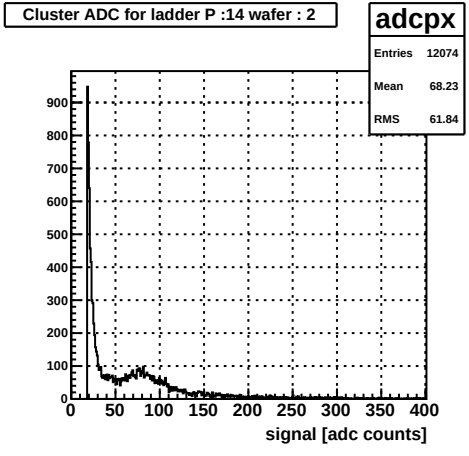

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 8163
Mean 87.03
RMS 68.05
signal [adc counts]

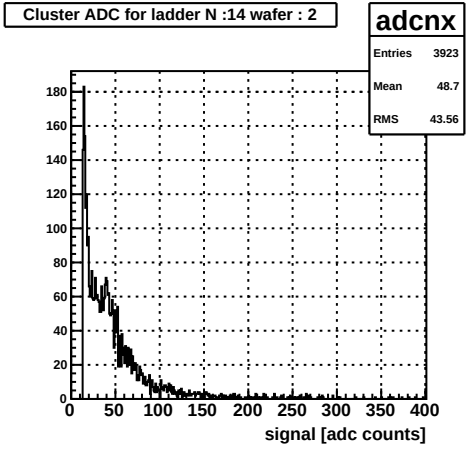

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 13410
Mean 41.79
RMS 43.2
signal [adc counts]

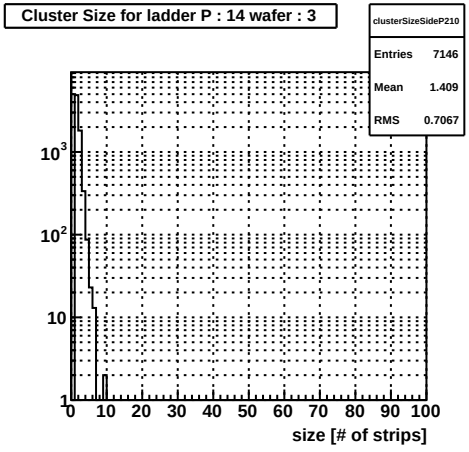

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 12074
Mean 1.352
RMS 0.6742
size [# of strips]

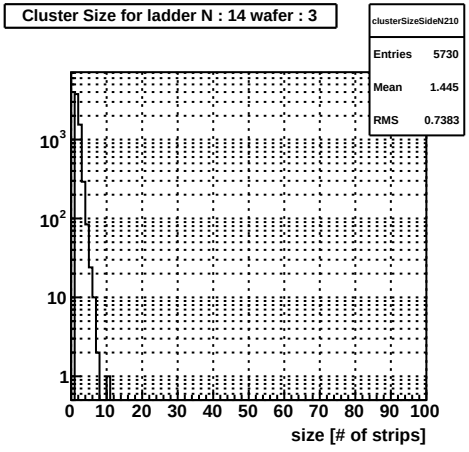

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 3923
Mean 1.431
RMS 0.8063
size [# of strips]

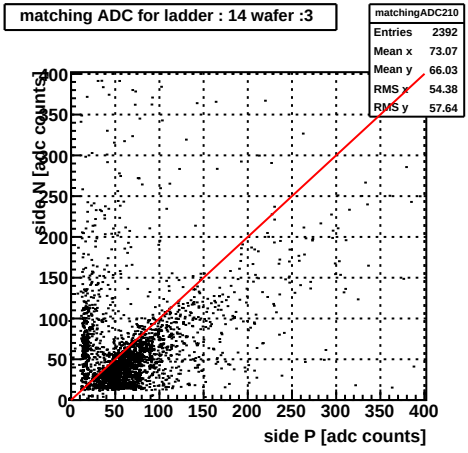

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 3222
Mean x 80.39
Mean y 49.23
RMS x 55.87
RMS y 40.15
side N [adc counts]
side P [adc counts]

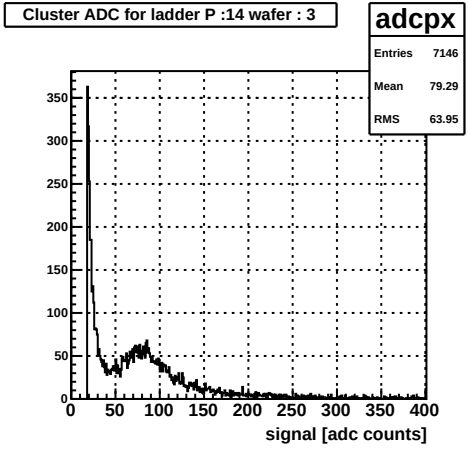

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 12074
Mean 68.23
RMS 61.84
signal [adc counts]

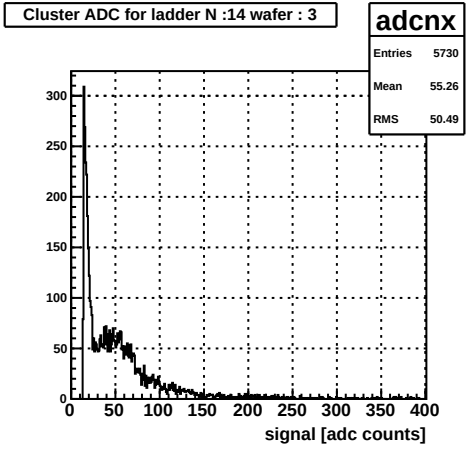

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 3923
Mean 48.7
RMS 43.56
signal [adc counts]

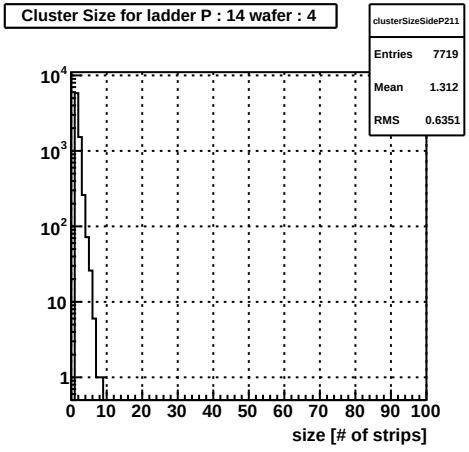

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 7146
Mean 1.409
RMS 0.7067
size [# of strips]

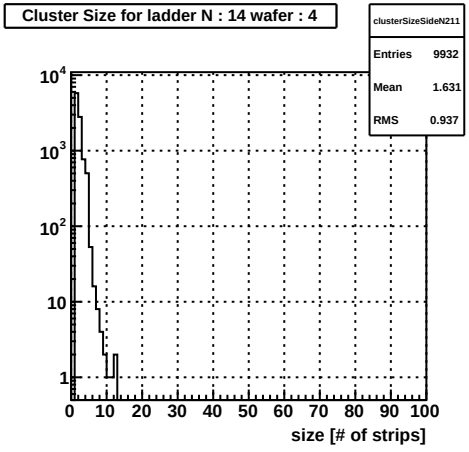

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 5730
Mean 1.445
RMS 0.7383
size [# of strips]

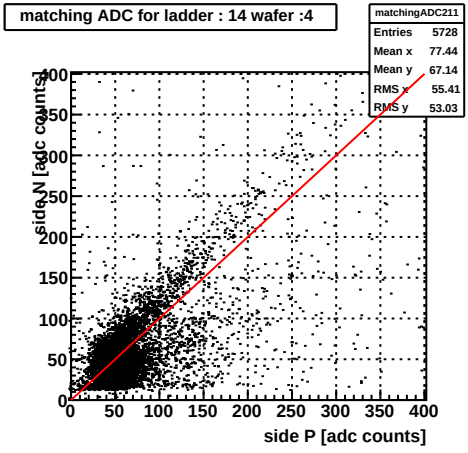

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 2392
Mean x 73.07
Mean y 66.03
RMS x 54.38
RMS y 57.64
side N [adc counts]
side P [adc counts]

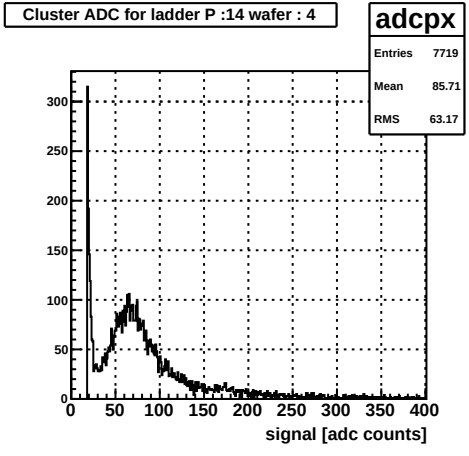

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 7146
Mean 79.29
RMS 63.95
signal [adc counts]

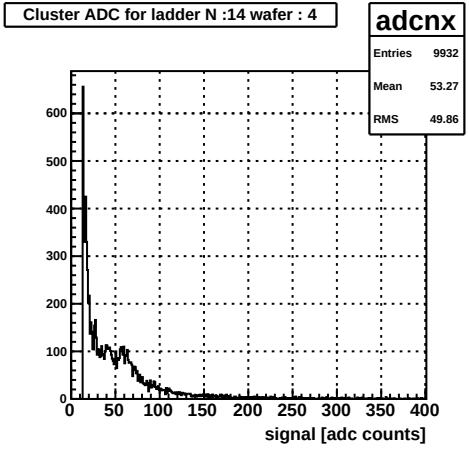

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 5730
Mean 55.26
RMS 50.49
signal [adc counts]

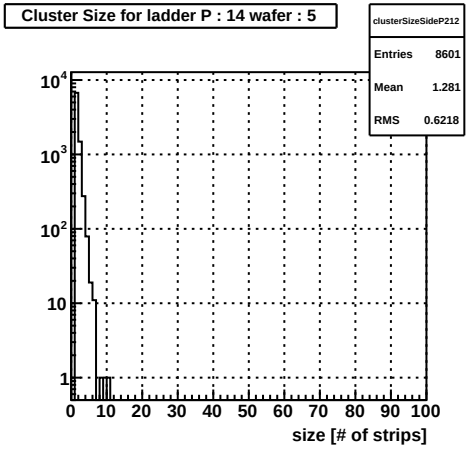

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 7719
Mean 1.312
RMS 0.6351
size [# of strips]

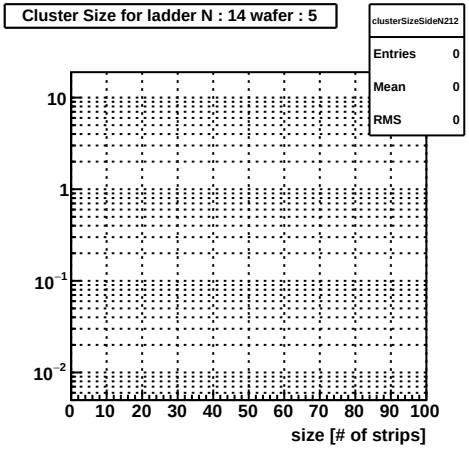

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 9932
Mean 1.631
RMS 0.937
size [# of strips]

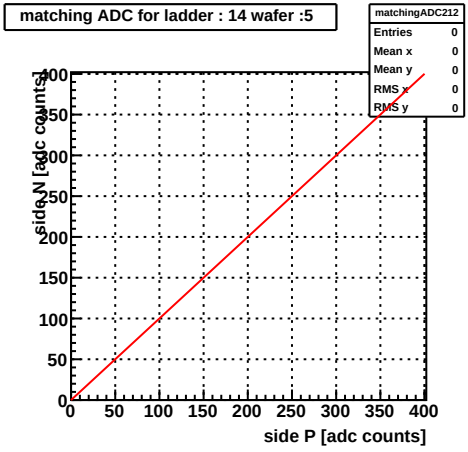

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 5728
Mean x 77.44
Mean y 67.14
RMS x 55.41
RMS y 53.03
side N [adc counts]
side P [adc counts]

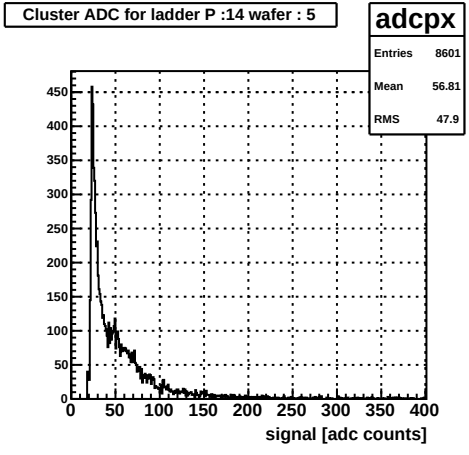

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 7719
Mean 85.71
RMS 63.17
signal [adc counts]

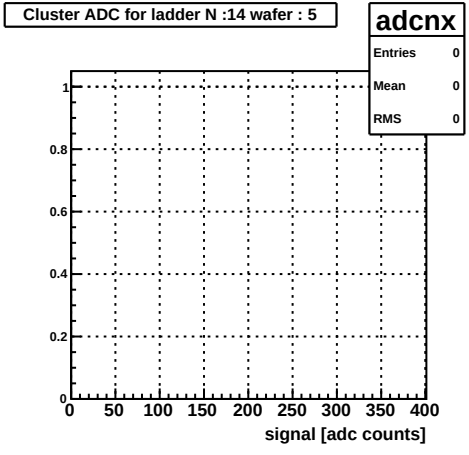

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 9932
Mean 53.27
RMS 49.86
signal [adc counts]

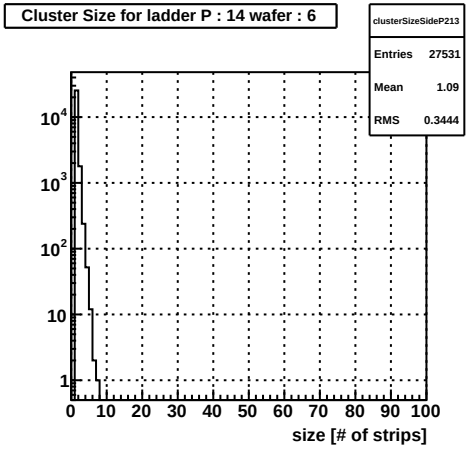

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 8601
Mean 1.281
RMS 0.6218
size [# of strips]

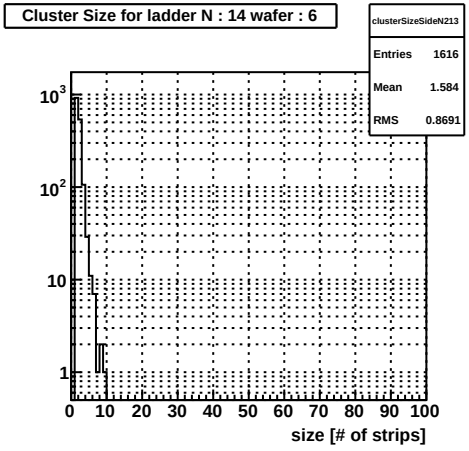

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

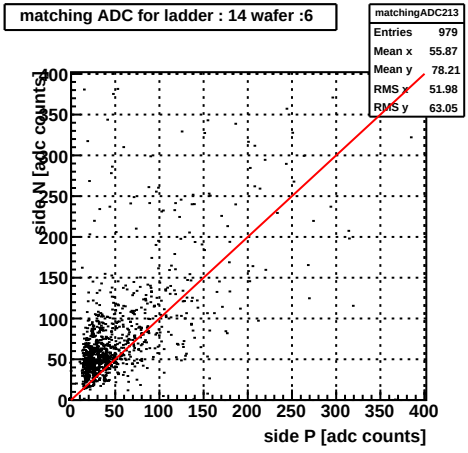

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

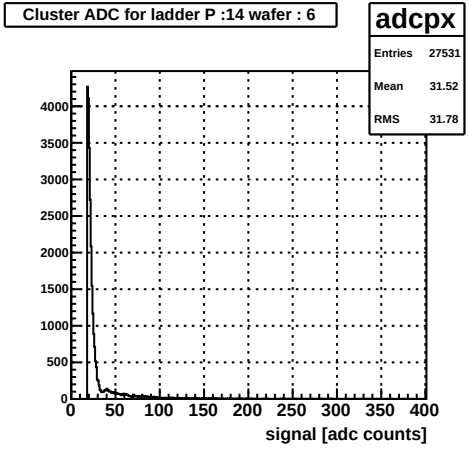

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 8601
Mean 56.81
RMS 47.9
signal [adc counts]

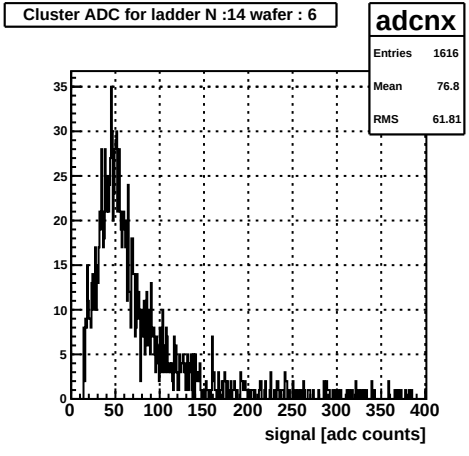

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

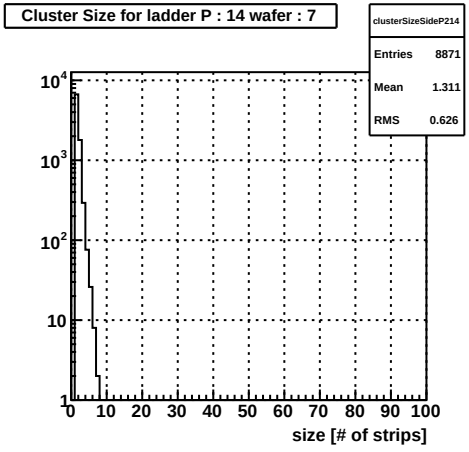

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 27531
Mean 1.09
RMS 0.3444
size [# of strips]

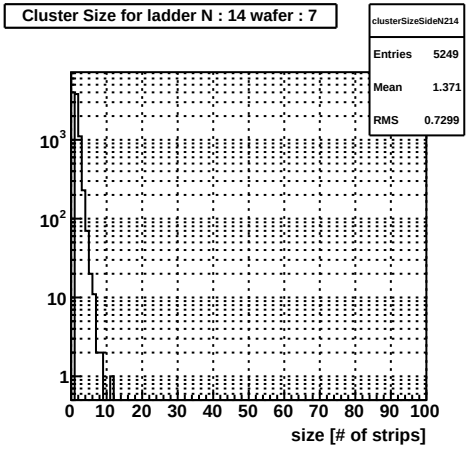

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 1616
Mean 1.584
RMS 0.8691
size [# of strips]

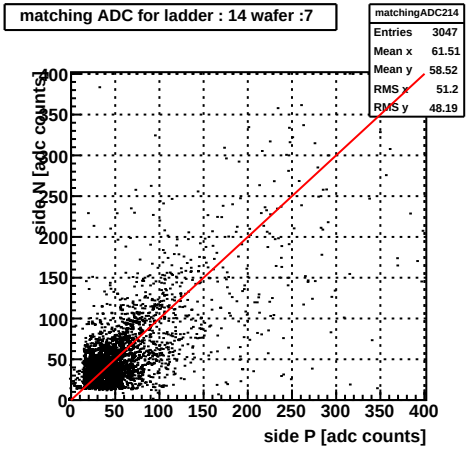

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 979
Mean x 55.87
Mean y 78.21
RMS x 51.98
RMS y 63.05
side N [adc counts]
side P [adc counts]

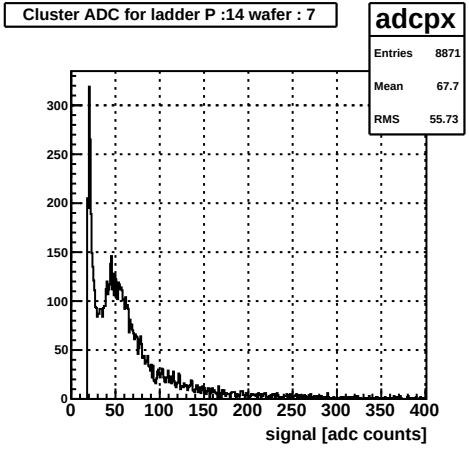

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 27531
Mean 31.52
RMS 31.78
signal [adc counts]

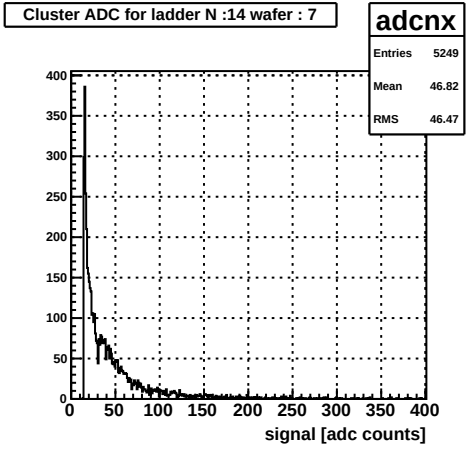

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 1616
Mean 76.8
RMS 61.81
signal [adc counts]

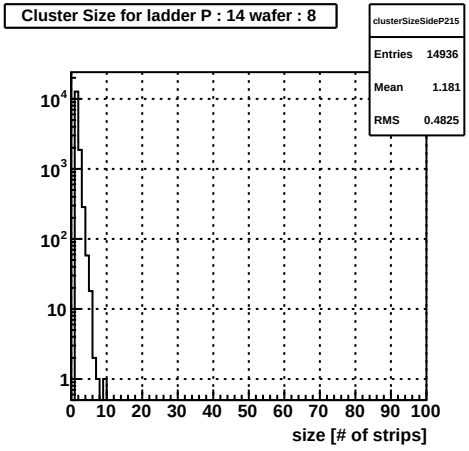

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 8871
Mean 1.311
RMS 0.626
size [# of strips]

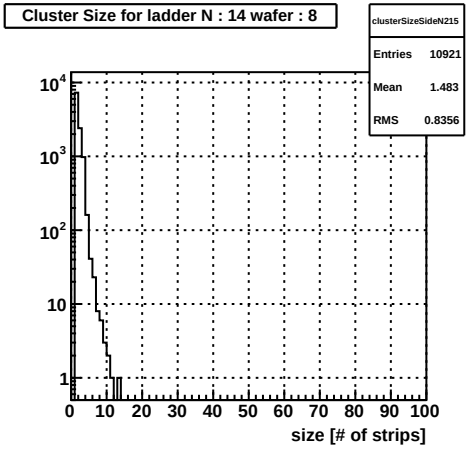

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 5249
Mean 1.371
RMS 0.7299
size [# of strips]

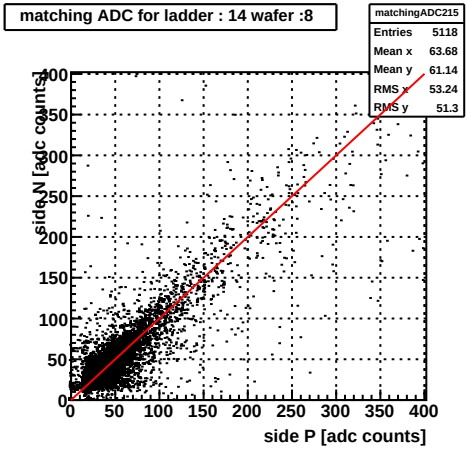

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 3047
Mean x 61.51
Mean y 58.52
RMS x 51.2
RMS y 48.19
side N [adc counts]
side P [adc counts]

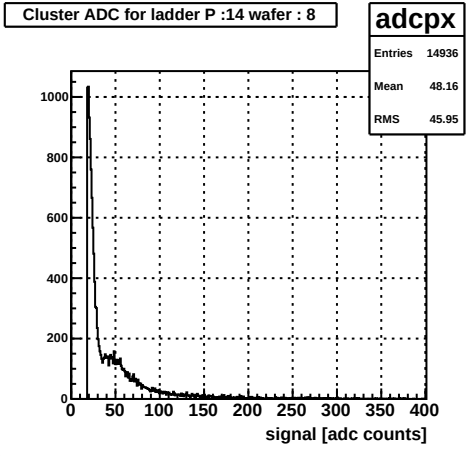

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 8871
Mean 67.7
RMS 55.73
signal [adc counts]

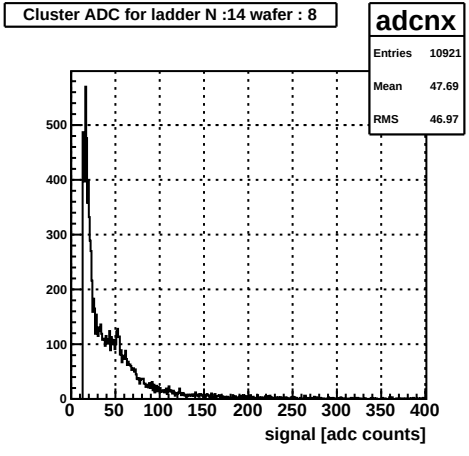

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 5249
Mean 46.82
RMS 46.47
signal [adc counts]

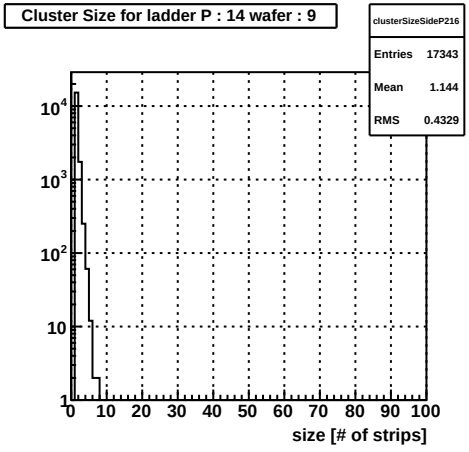

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 14936
Mean 1.181
RMS 0.4825
size [# of strips]

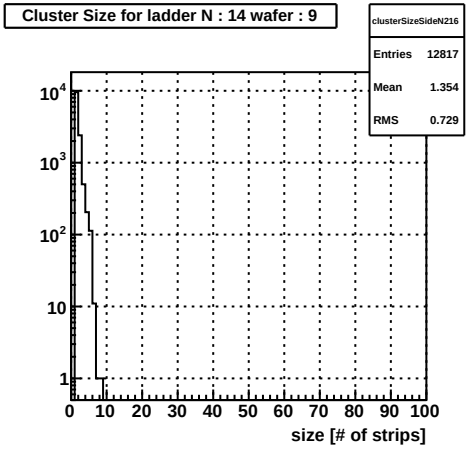

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 10921
Mean 1.483
RMS 0.8356
size [# of strips]

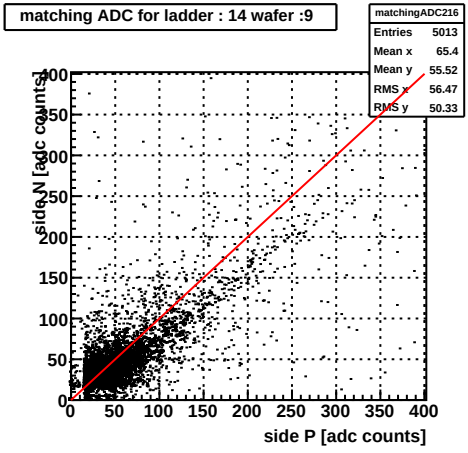

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 5118
Mean x 63.68
Mean y 61.14
RMS x 53.24
RMS y 51.3
side N [adc counts]
side P [adc counts]

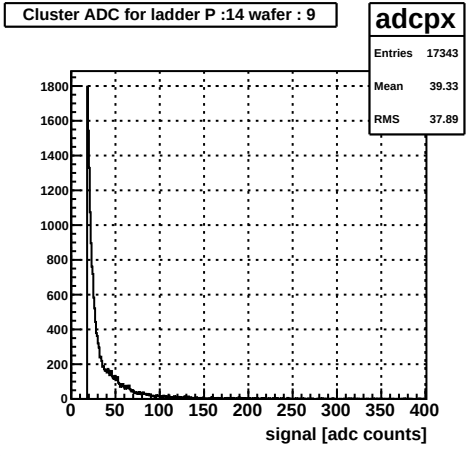

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 14936
Mean 48.16
RMS 45.95
signal [adc counts]

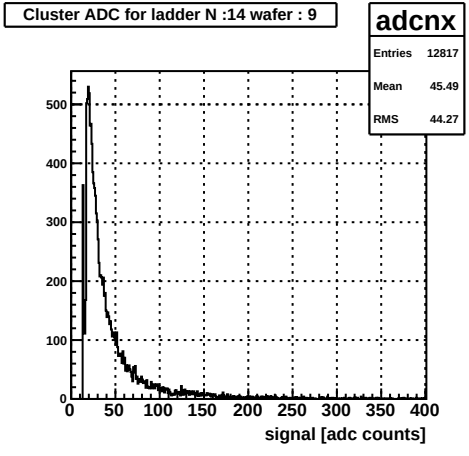

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 10921
Mean 47.69
RMS 46.97
signal [adc counts]

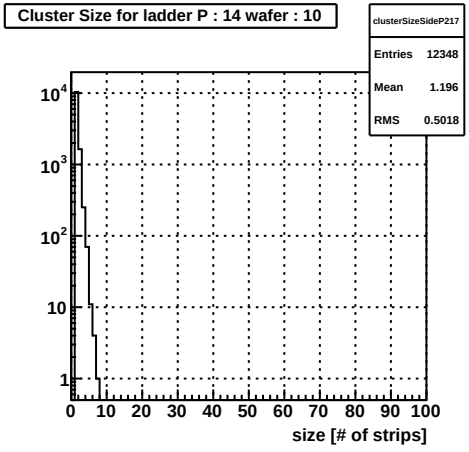

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 17343
Mean 1.144
RMS 0.4329
size [# of strips]

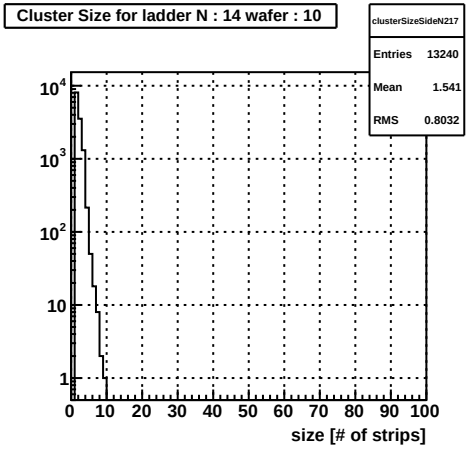

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 12817
Mean 1.354
RMS 0.729
size [# of strips]

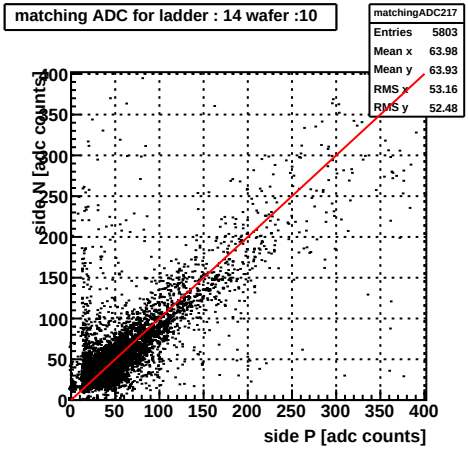

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 5013
Mean x 65.4
Mean y 55.52
RMS x 56.47
RMS y 50.33
side N [adc counts]
side P [adc counts]

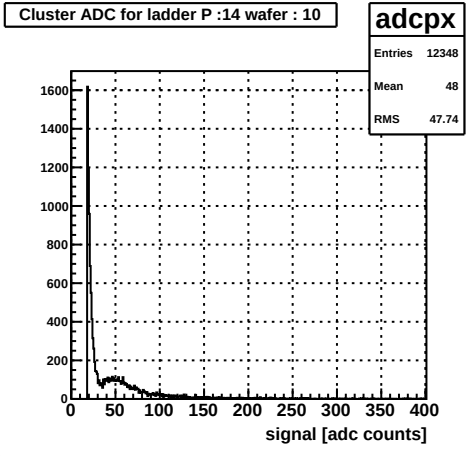

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 17343
Mean 39.33
RMS 37.89
signal [adc counts]

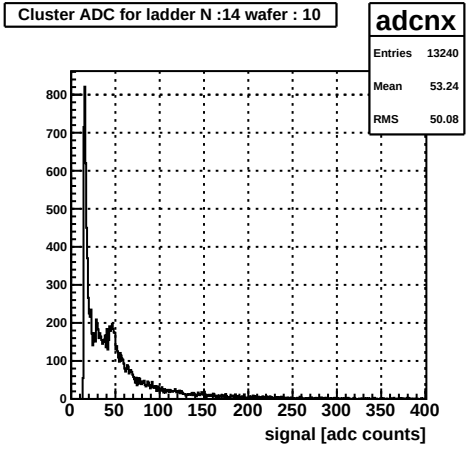

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 12817
Mean 45.49
RMS 44.27
signal [adc counts]

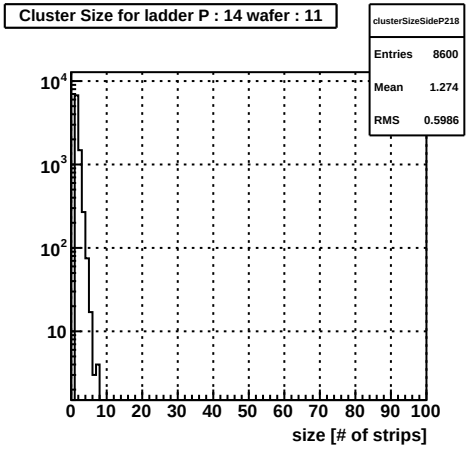

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 12348
Mean 1.196
RMS 0.5018
size [# of strips]

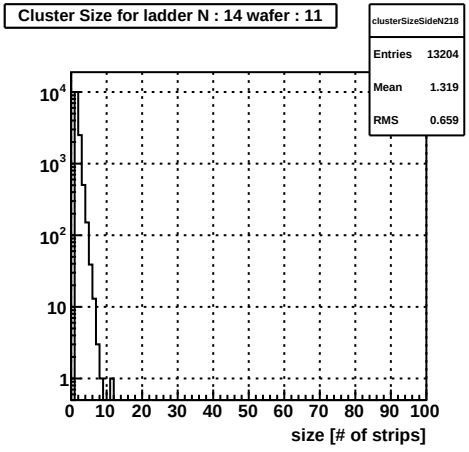

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 13240
Mean 1.541
RMS 0.8032
size [# of strips]

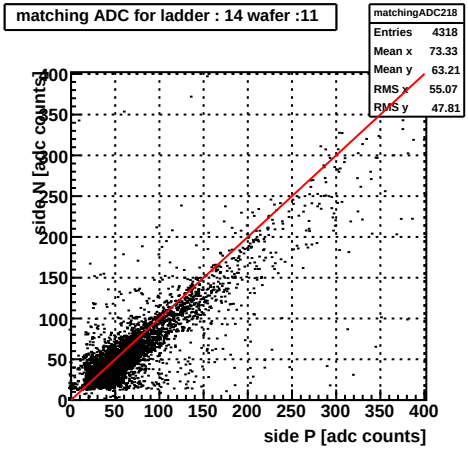

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 5803
Mean x 63.98
Mean y 63.93
RMS x 53.16
RMS y 52.48
side N [adc counts]
side P [adc counts]

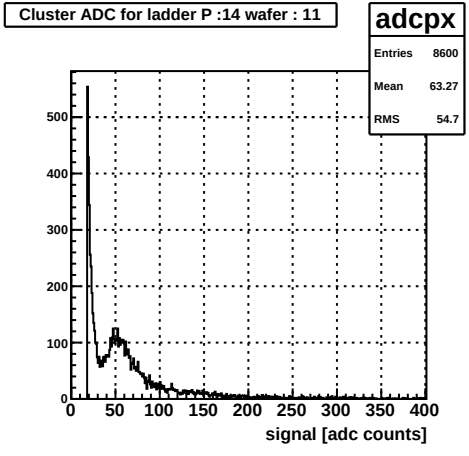

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 12348
Mean 48
RMS 47.74
signal [adc counts]

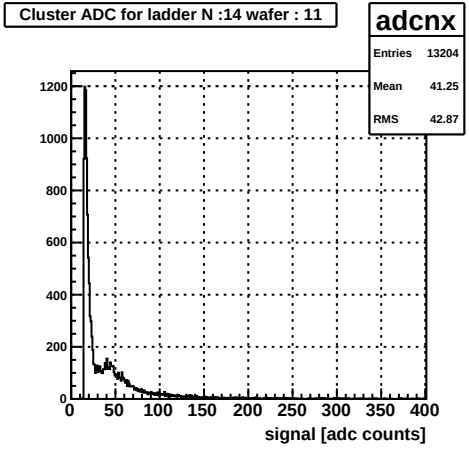

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 13240
Mean 53.24
RMS 50.08
signal [adc counts]

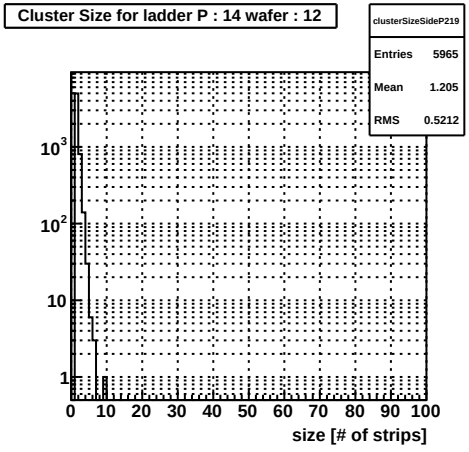

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 8600
Mean 1.274
RMS 0.5986
size [# of strips]

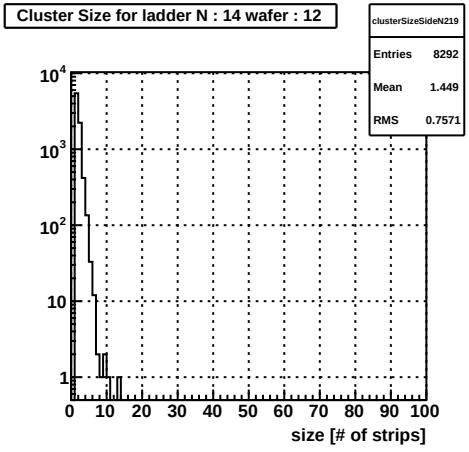

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 13204
Mean 1.319
RMS 0.659
size [# of strips]

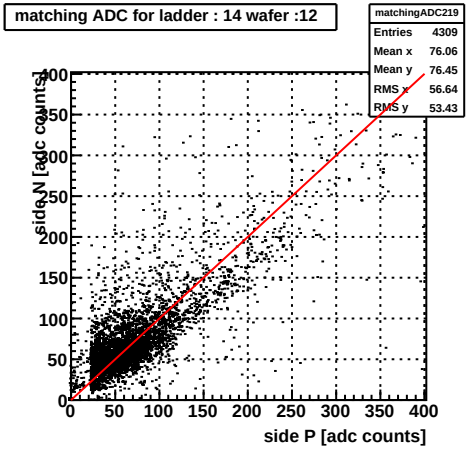

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 4318
Mean x 73.33
Mean y 63.21
RMS x 55.07
RMS y 47.81
side N [adc counts]
side P [adc counts]

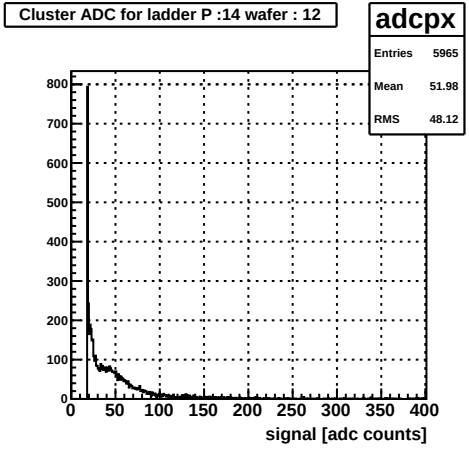

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 8600
Mean 63.27
RMS 54.7
signal [adc counts]

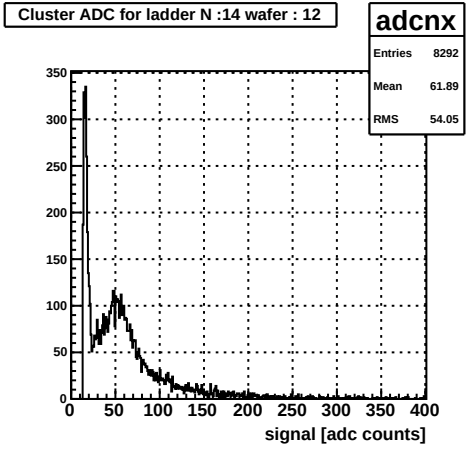

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 13204
Mean 41.25
RMS 42.87
signal [adc counts]

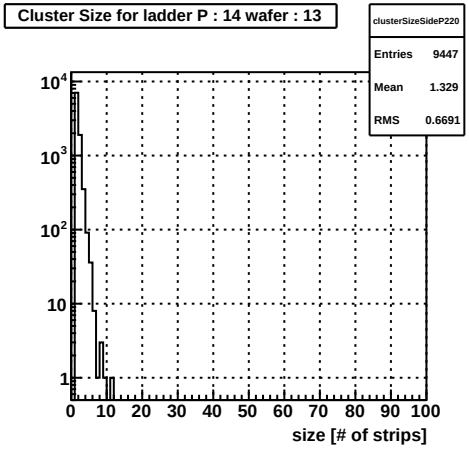

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 5965
Mean 1.205
RMS 0.5212
size [# of strips]

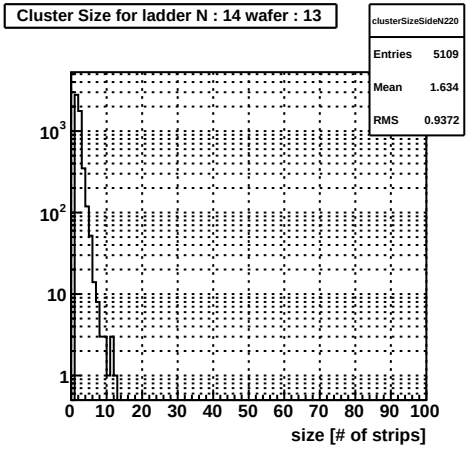

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 8292
Mean 1.449
RMS 0.7571
size [# of strips]

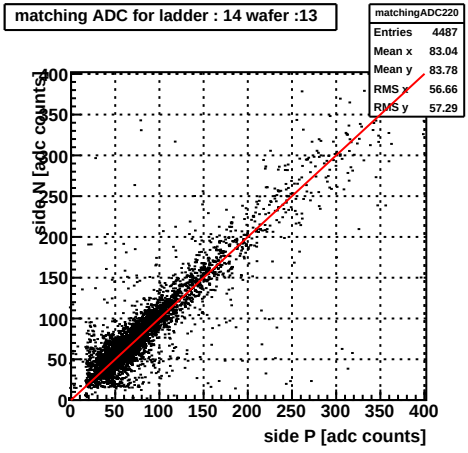

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 4309
Mean x 76.06
Mean y 76.45
RMS x 56.64
RMS y 53.43
side N [adc counts]
side P [adc counts]

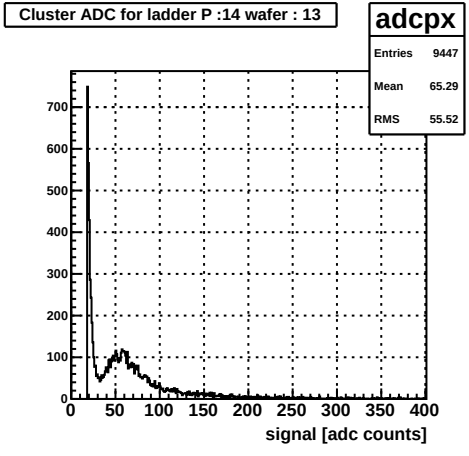

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 5965
Mean 51.98
RMS 48.12
signal [adc counts]

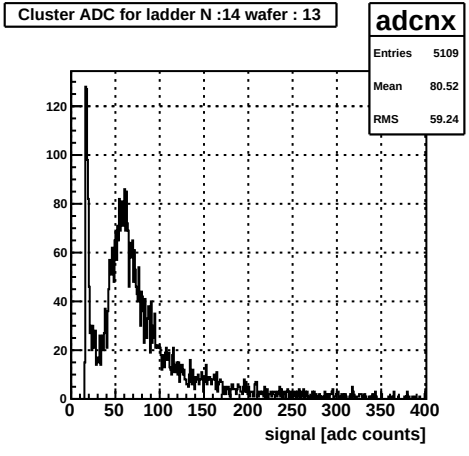

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 8292
Mean 61.89
RMS 54.05
signal [adc counts]

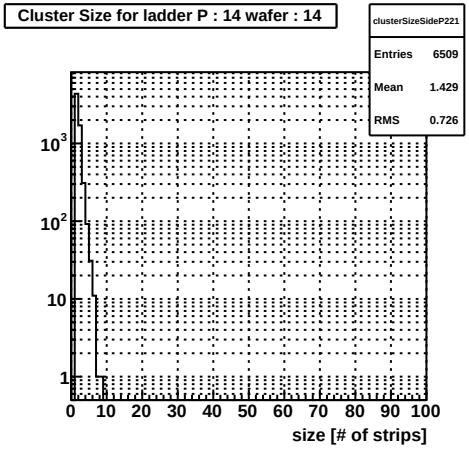

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 9447
Mean 1.329
RMS 0.6691
size [# of strips]

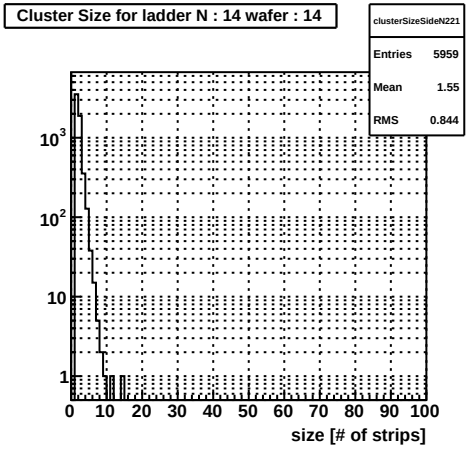

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 5109
Mean 1.634
RMS 0.9372
size [# of strips]

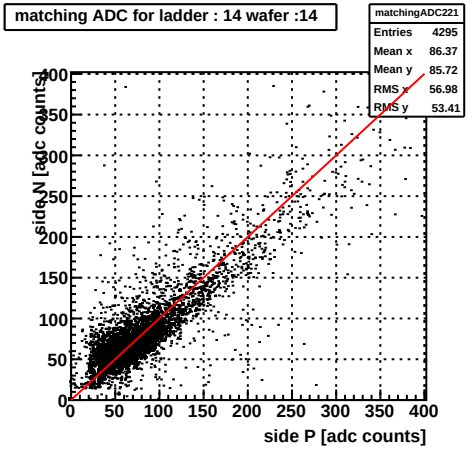

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 4487
Mean x 83.04
Mean y 83.78
RMS x 56.66
RMS y 57.29
side N [adc counts]
side P [adc counts]

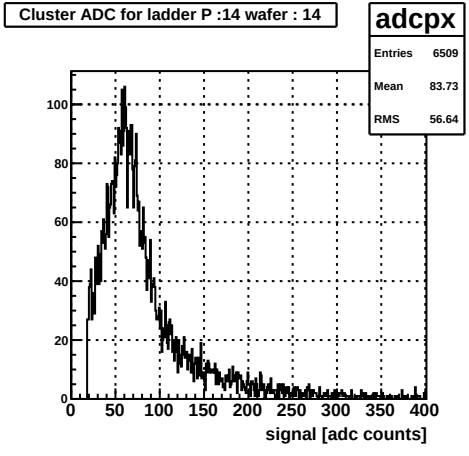

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 9447
Mean 65.29
RMS 55.52
signal [adc counts]

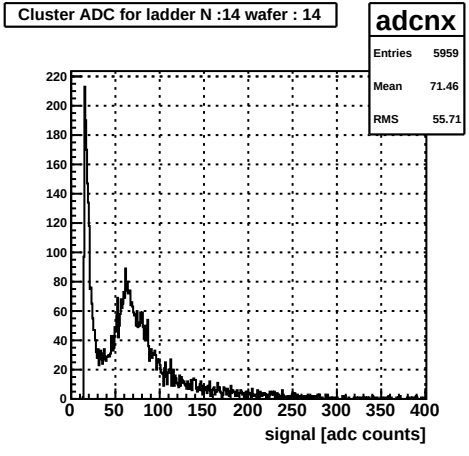

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 5109
Mean 80.52
RMS 59.24
signal [adc counts]

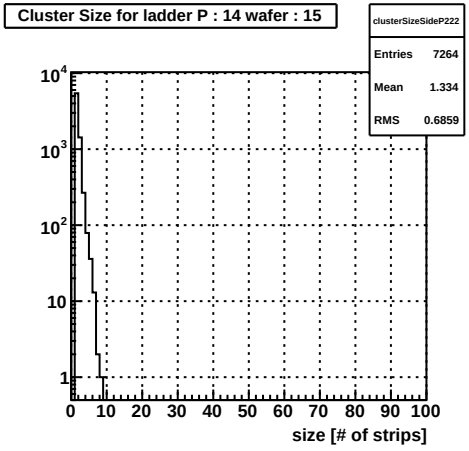

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 6509
Mean 1.429
RMS 0.726
size [# of strips]

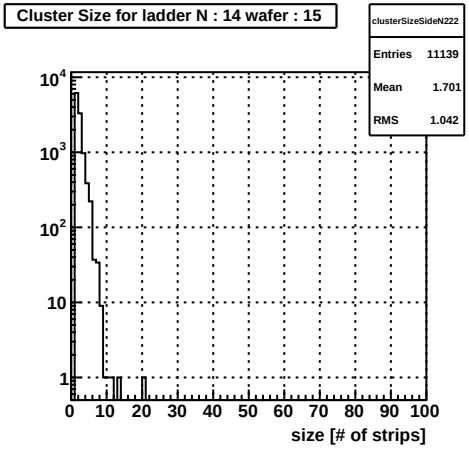

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 5959
Mean 1.55
RMS 0.844
size [# of strips]

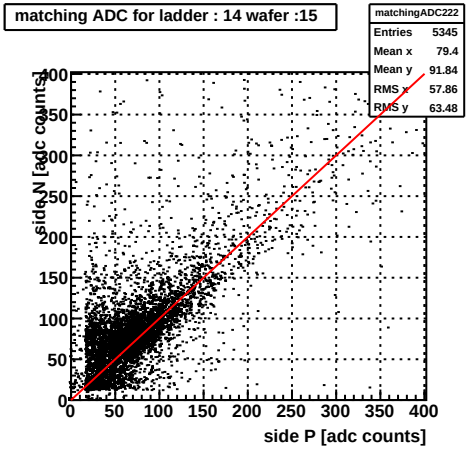

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 4295
Mean x 86.37
Mean y 85.72
RMS x 56.98
RMS y 53.41
side N [adc counts]
side P [adc counts]

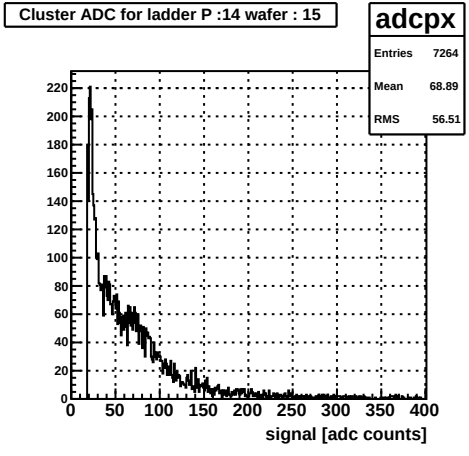

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 6509
Mean 83.73
RMS 56.64
signal [adc counts]

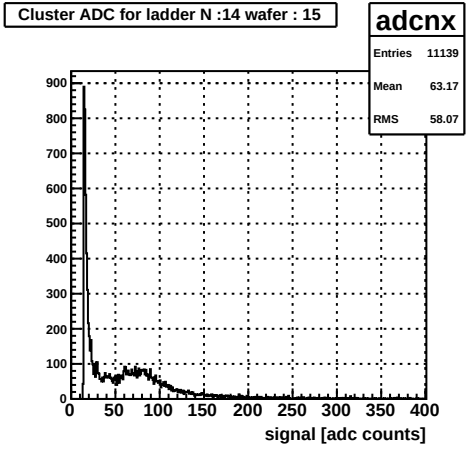

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 5959
Mean 71.46
RMS 55.71
signal [adc counts]

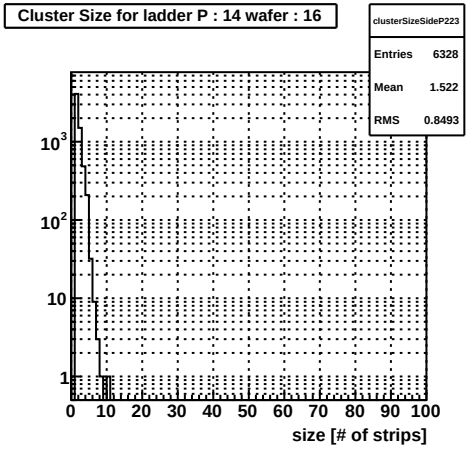

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 7264
Mean 1.334
RMS 0.6859
size [# of strips]

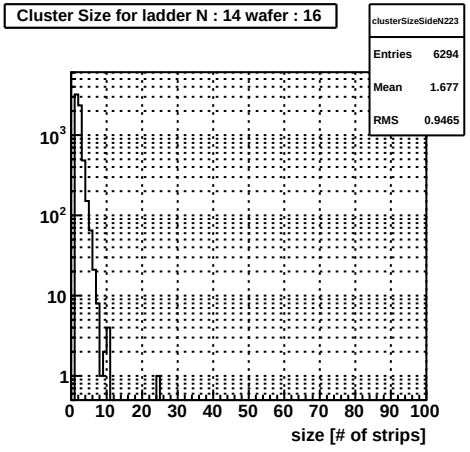

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 11139
Mean 1.701
RMS 1.042
size [# of strips]

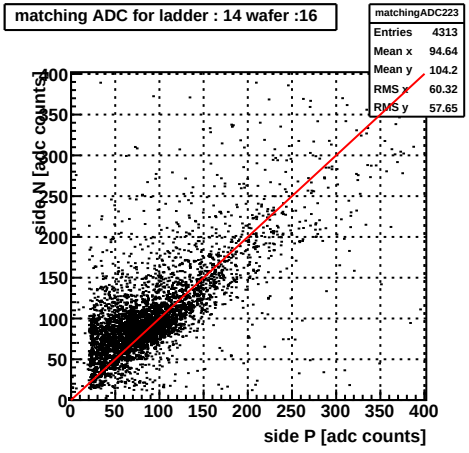

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 5345
Mean x 79.4
Mean y 91.84
RMS x 57.86
RMS y 63.48
side N [adc counts]
side P [adc counts]

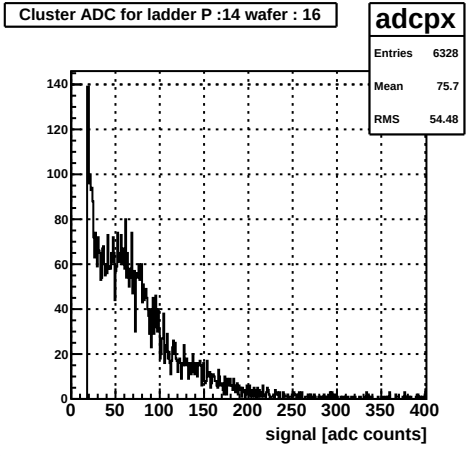

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 7264
Mean 68.89
RMS 56.51
signal [adc counts]

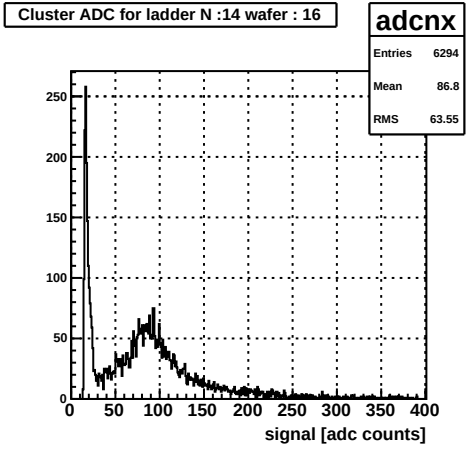

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 11139
Mean 63.17
RMS 58.07
signal [adc counts]

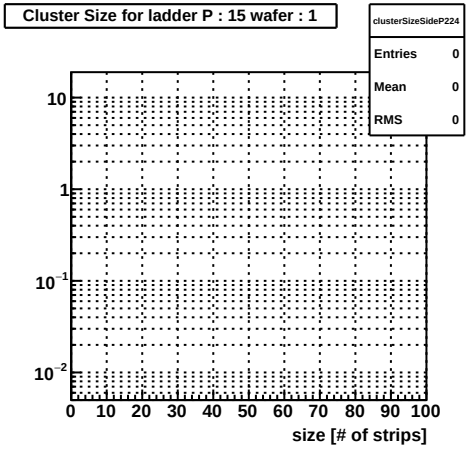

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 6328
Mean 1.522
RMS 0.8493
size [# of strips]

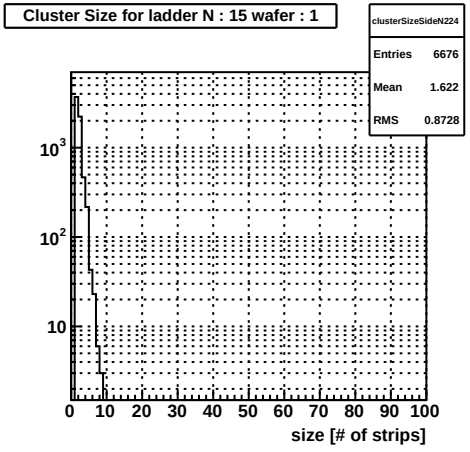

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 6294
Mean 1.677
RMS 0.9465
size [# of strips]

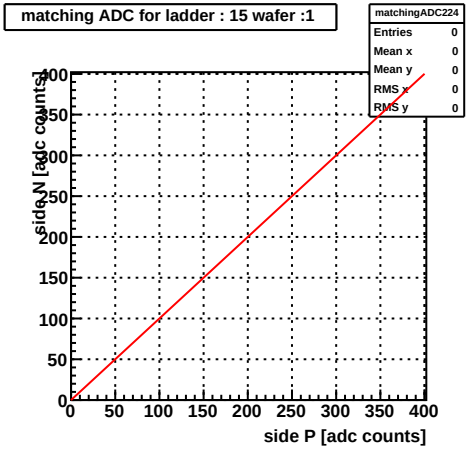

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 4313
Mean x 94.64
Mean y 104.2
RMS x 60.32
RMS y 57.65
side N [adc counts]
side P [adc counts]

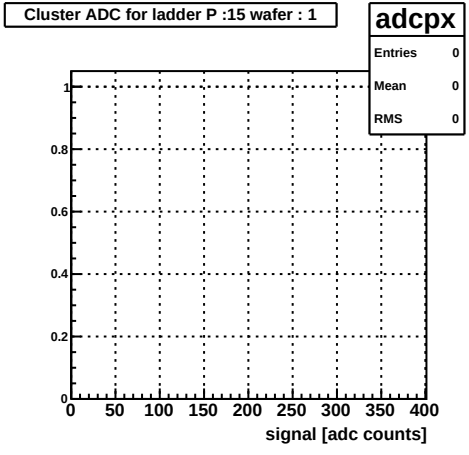

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 6328
Mean 75.7
RMS 54.48
signal [adc counts]

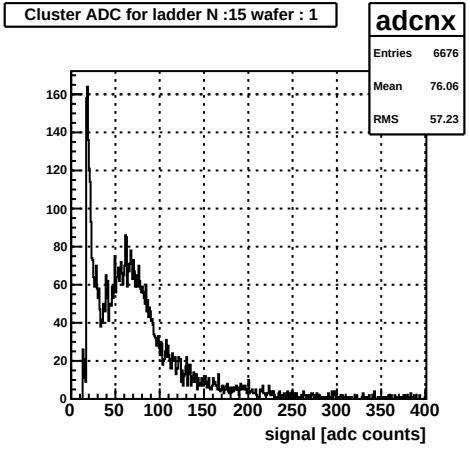

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 6294
Mean 86.8
RMS 63.55
signal [adc counts]

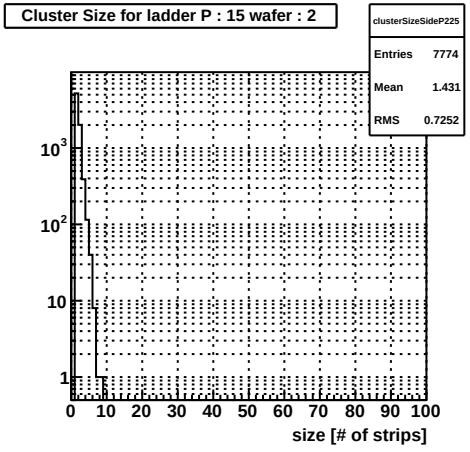

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

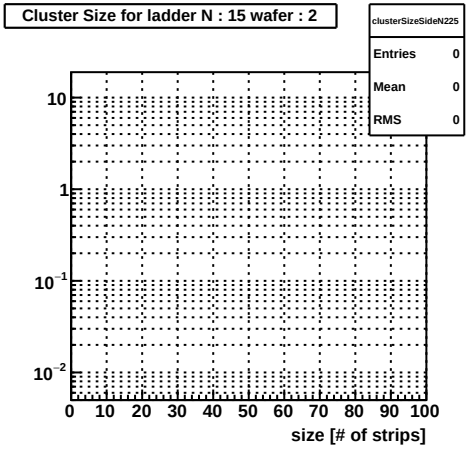

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 6676
Mean 1.622
RMS 0.8728
size [# of strips]

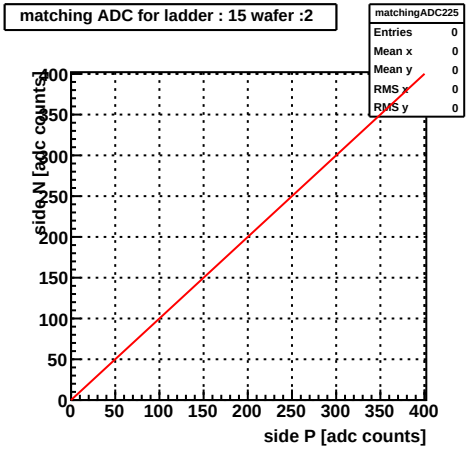

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

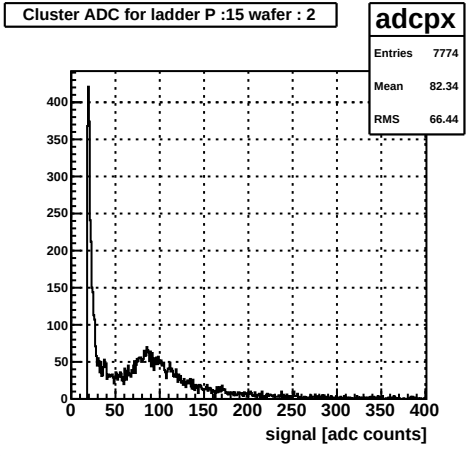

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

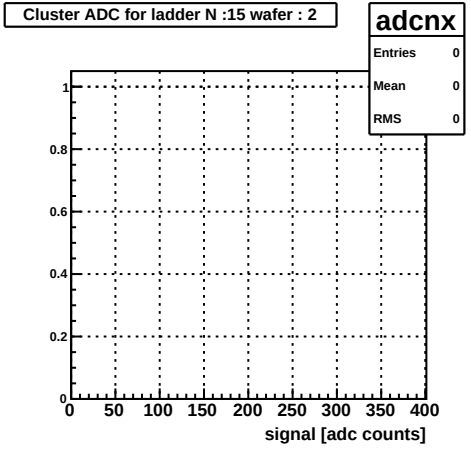

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 6676
Mean 76.06
RMS 57.23
signal [adc counts]

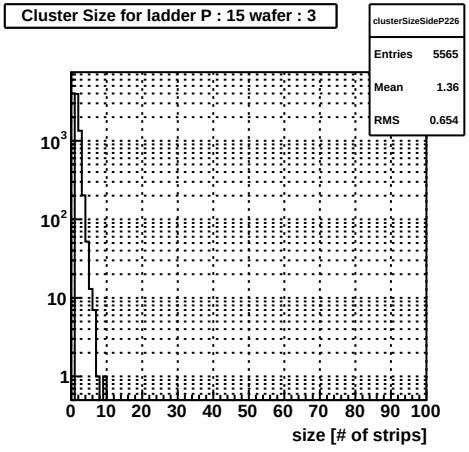

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 7774
Mean 1.431
RMS 0.7252
size [# of strips]

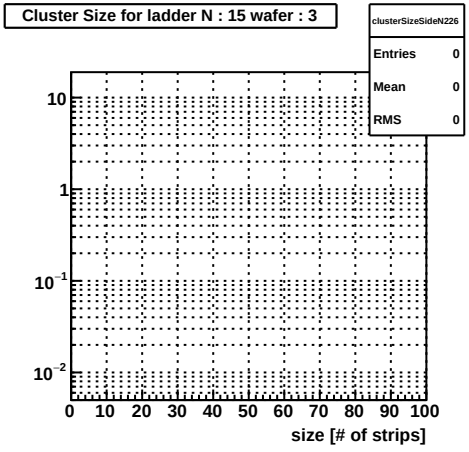

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

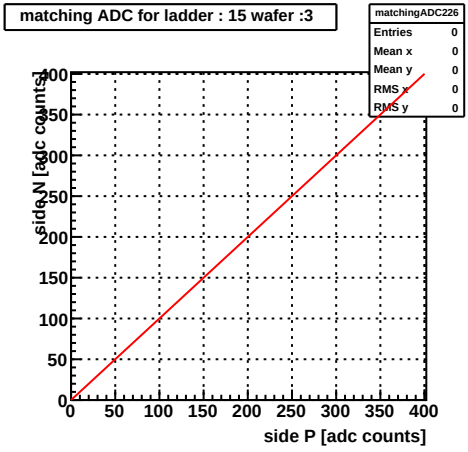

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

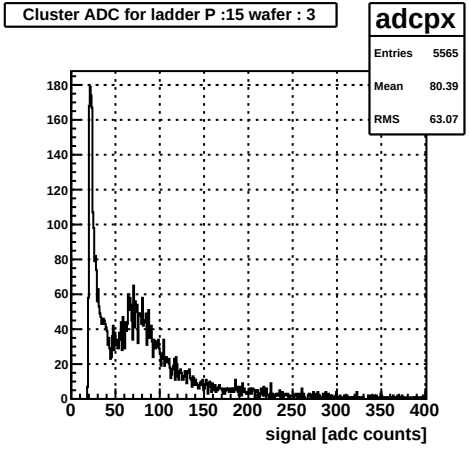

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 7774
Mean 82.34
RMS 66.44
signal [adc counts]

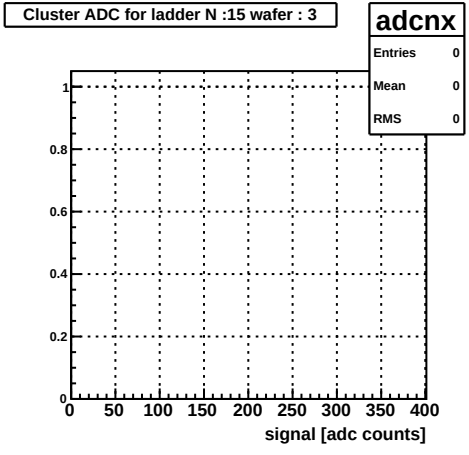

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

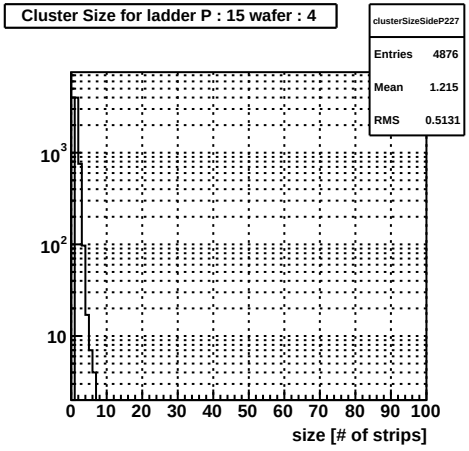

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 5565
Mean 1.36
RMS 0.654
size [# of strips]

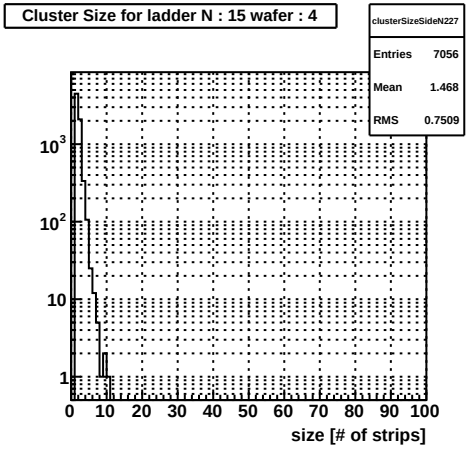

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

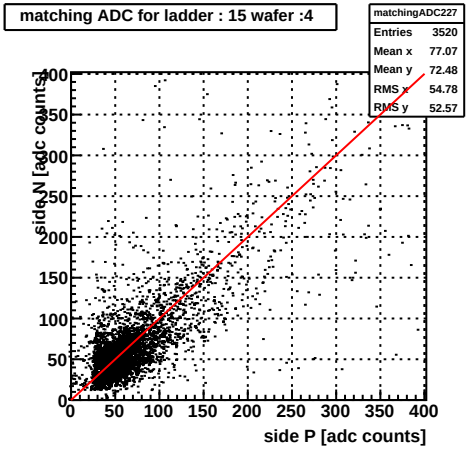

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

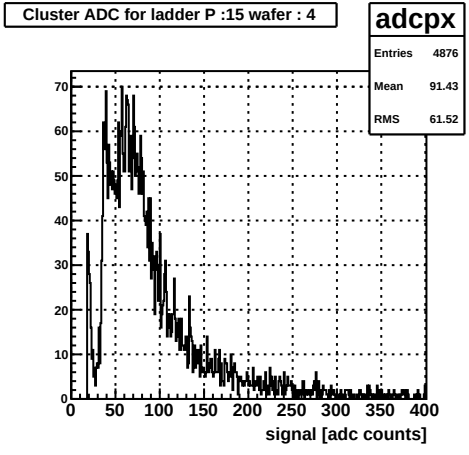

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 5565
Mean 80.39
RMS 63.07
signal [adc counts]

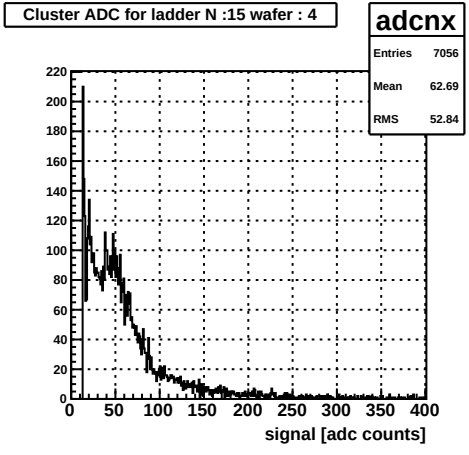

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

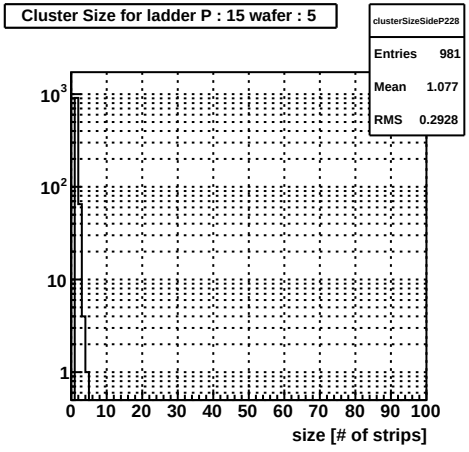

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 4876
Mean 1.215
RMS 0.5131
size [# of strips]

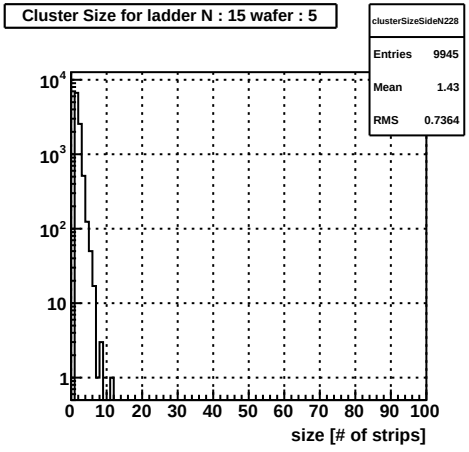

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 7056
Mean 1.468
RMS 0.7509
size [# of strips]

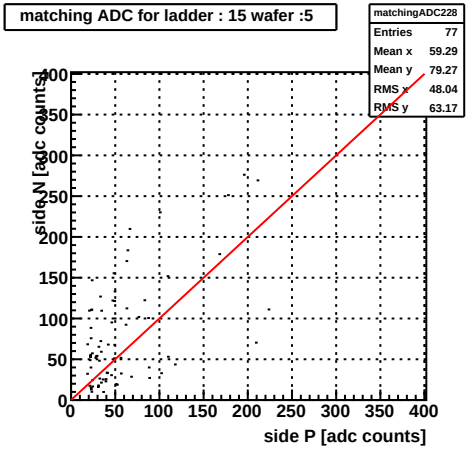

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 3520
Mean x 77.07
Mean y 72.48
RMS x 54.78
RMS y 52.57
side N [adc counts]
side P [adc counts]

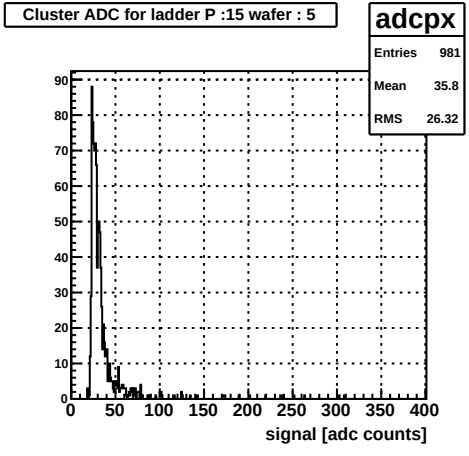

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 4876
Mean 91.43
RMS 61.52
signal [adc counts]

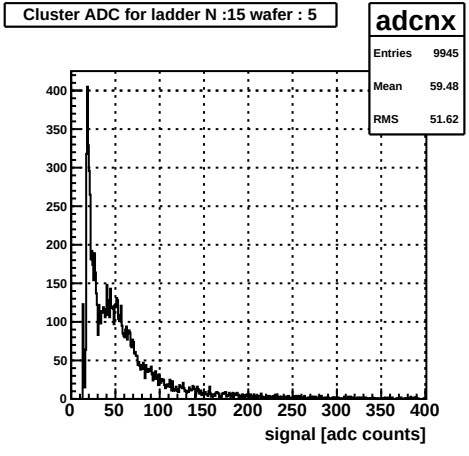

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 7056
Mean 62.69
RMS 52.84
signal [adc counts]

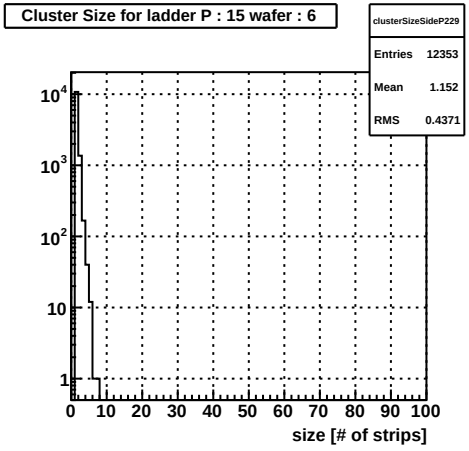

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 981
Mean 1.077
RMS 0.2928
size [# of strips]

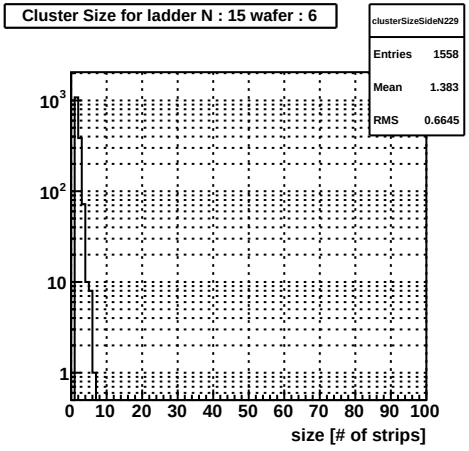

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 9945
Mean 1.43
RMS 0.7364
size [# of strips]

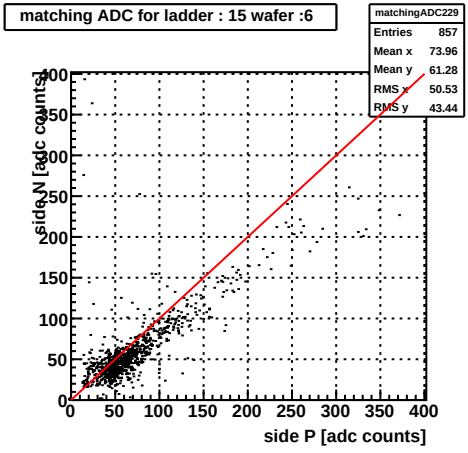

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 77
Mean x 59.29
Mean y 79.27
RMS x 48.04
RMS y 63.17
side N [adc counts]
side P [adc counts]

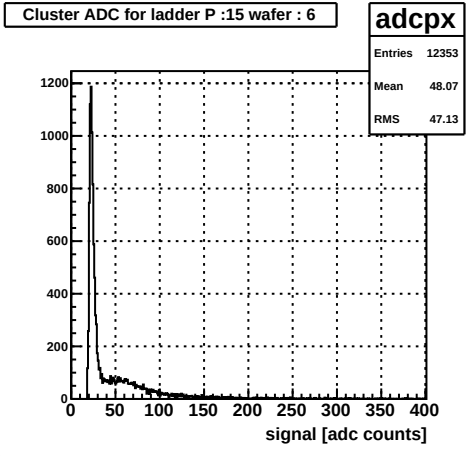

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 981
Mean 35.8
RMS 26.32
signal [adc counts]

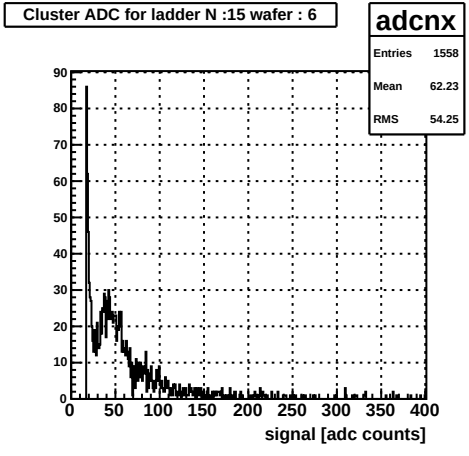

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 9945
Mean 59.48
RMS 51.62
signal [adc counts]

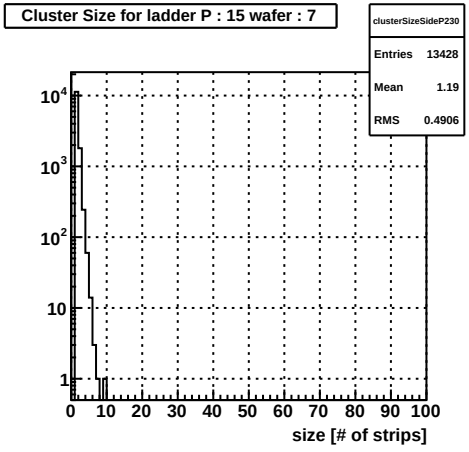

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 12353
Mean 1.152
RMS 0.4371
size [# of strips]

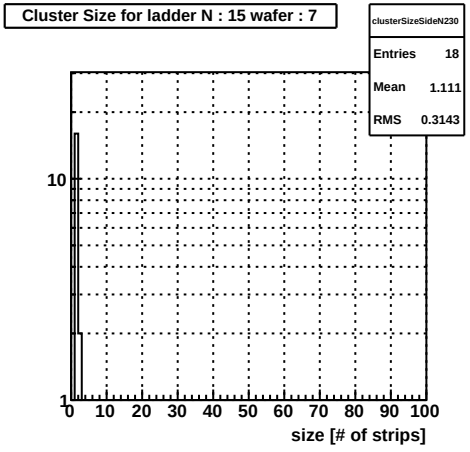

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1558
Mean 1.383
RMS 0.6645
size [# of strips]

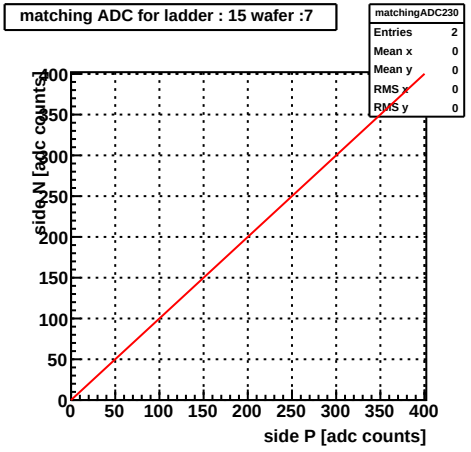

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 857
Mean x 73.96
Mean y 61.28
RMS x 50.53
RMS y 43.44
side N [adc counts]
side P [adc counts]

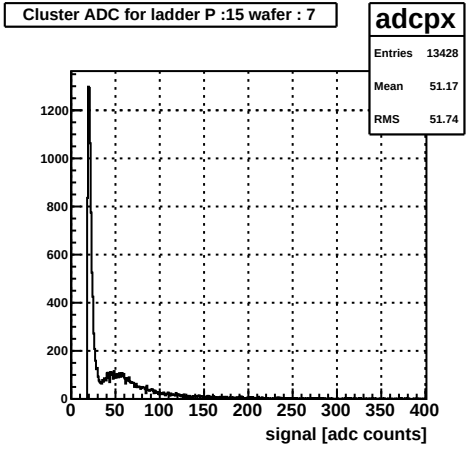

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 12353
Mean 48.07
RMS 47.13
signal [adc counts]

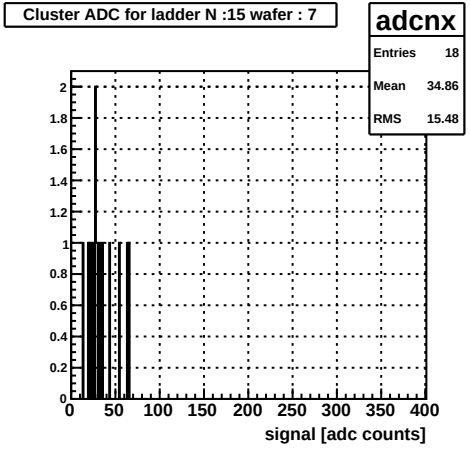

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1558
Mean 62.23
RMS 54.25
signal [adc counts]

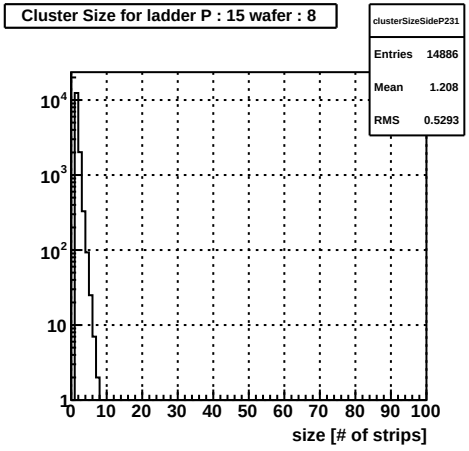

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 13428
Mean 1.19
RMS 0.4906
size [# of strips]

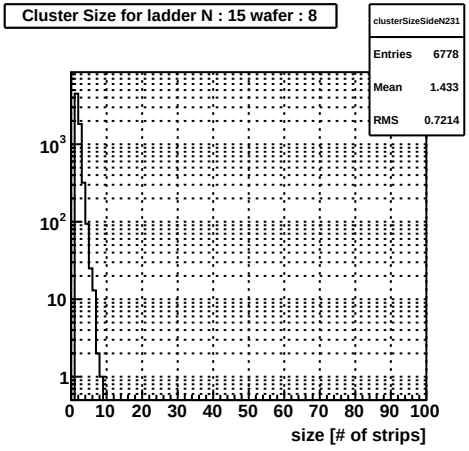

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 18
Mean 1.111
RMS 0.3143
size [# of strips]

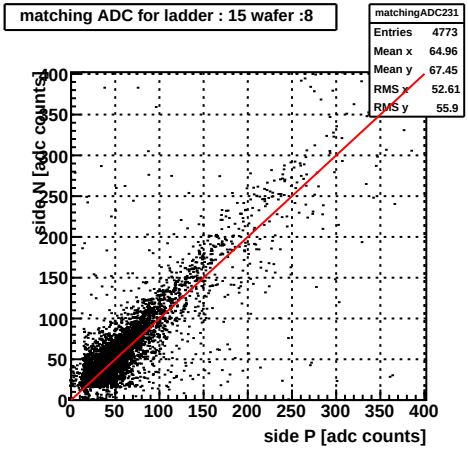

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

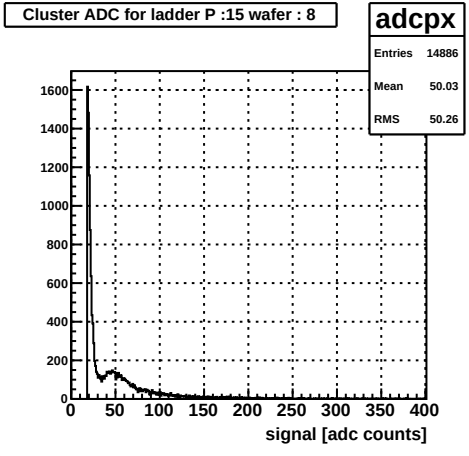

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 13428
Mean 51.17
RMS 51.74
signal [adc counts]

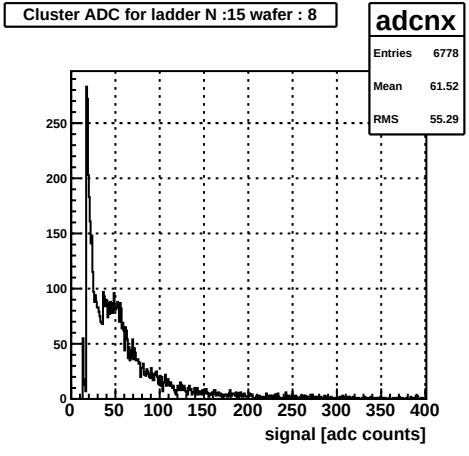

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 18
Mean 34.86
RMS 15.48
signal [adc counts]

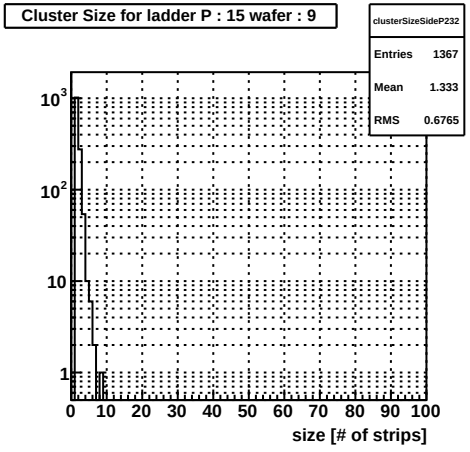

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 14886
Mean 1.208
RMS 0.5293
size [# of strips]

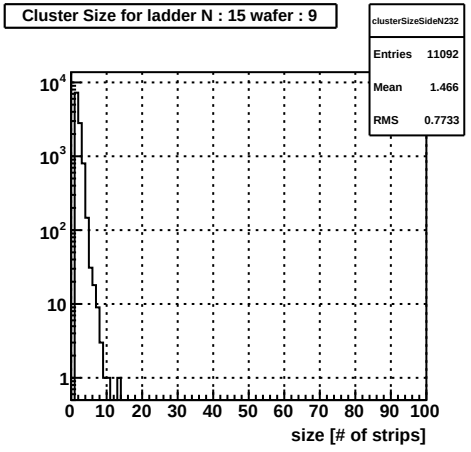

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 6778
Mean 1.433
RMS 0.7214
size [# of strips]

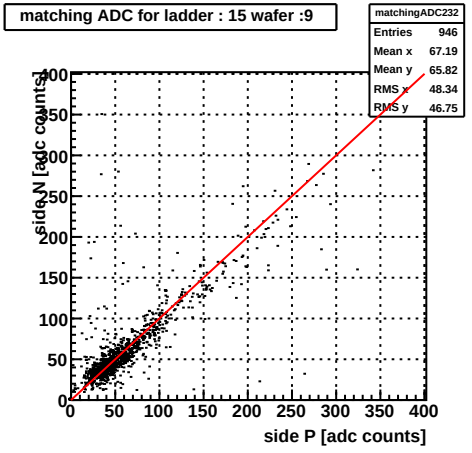

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 4773
Mean x 64.96
Mean y 67.45
RMS x 52.61
RMS y 55.9
side N [adc counts]
side P [adc counts]

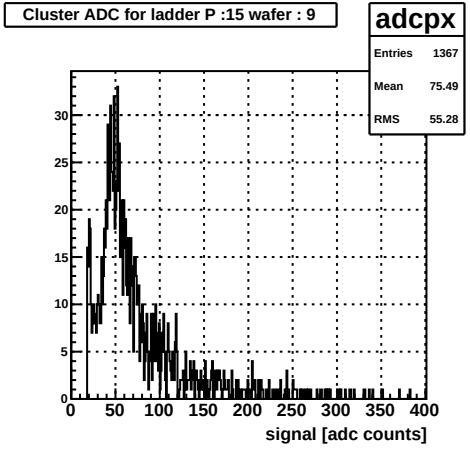

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 14886
Mean 50.03
RMS 50.26
signal [adc counts]

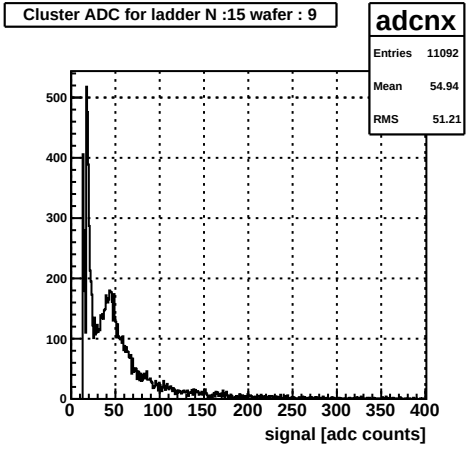

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 6778
Mean 61.52
RMS 55.29
signal [adc counts]

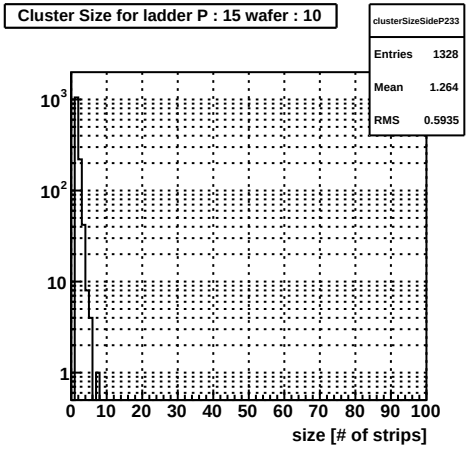

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 1367
Mean 1.333
RMS 0.6765
size [# of strips]

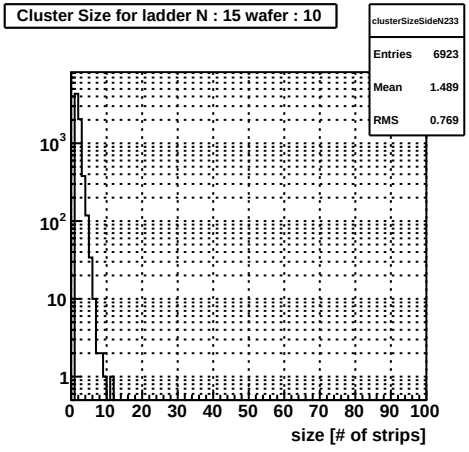

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 11092
Mean 1.466
RMS 0.7733
size [# of strips]

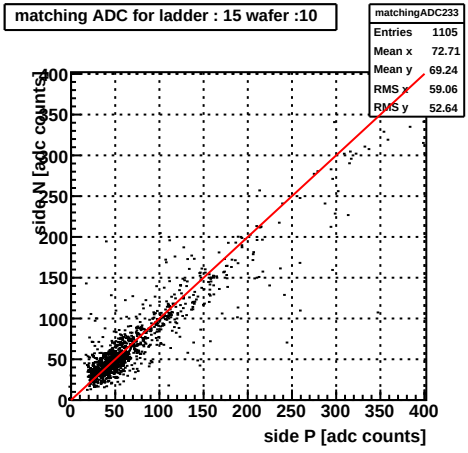

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 946
Mean x 67.19
Mean y 65.82
RMS x 48.34
RMS y 46.75
side N [adc counts]
side P [adc counts]

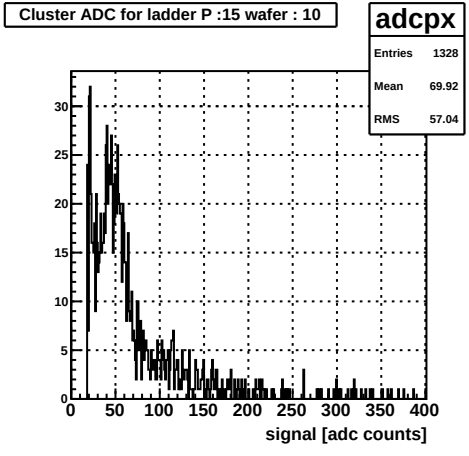

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 1367
Mean 75.49
RMS 55.28
signal [adc counts]

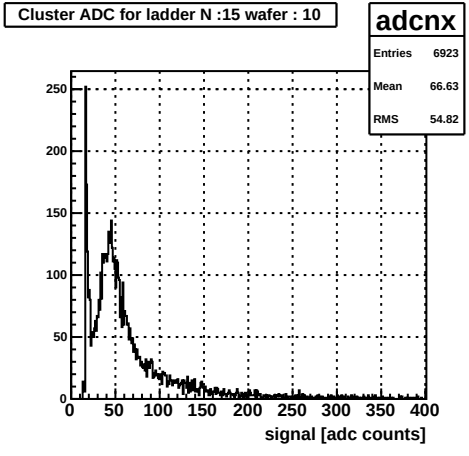

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 11092
Mean 54.94
RMS 51.21
signal [adc counts]

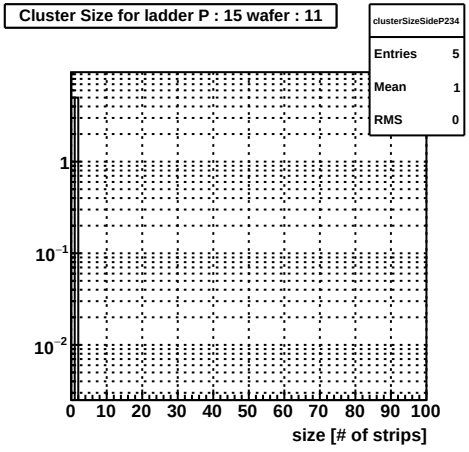

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 1328
Mean 1.264
RMS 0.5935
size [# of strips]

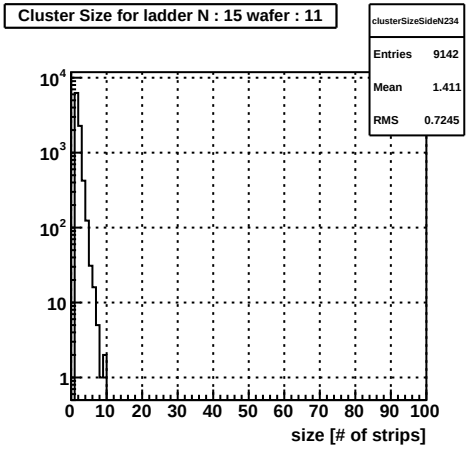

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 6923
Mean 1.489
RMS 0.769
size [# of strips]

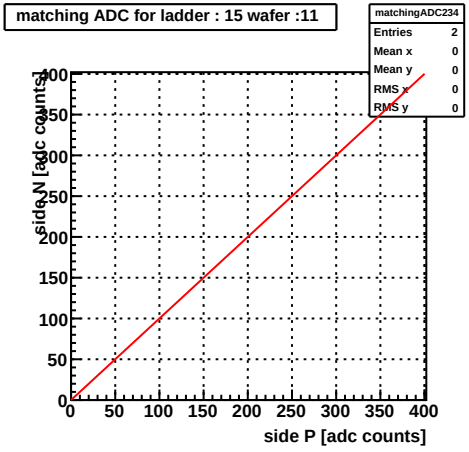

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 1105
Mean x 72.71
Mean y 69.24
RMS x 59.06
RMS y 52.64
side N [adc counts]
side P [adc counts]

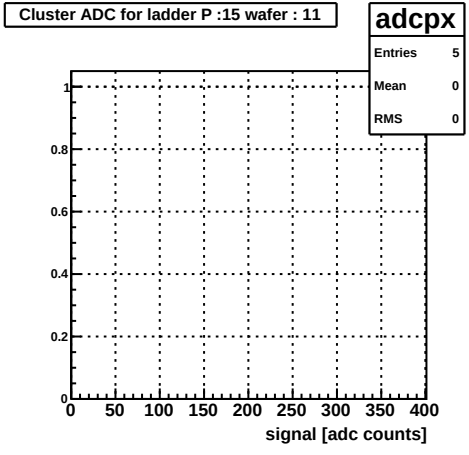

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 1328
Mean 69.92
RMS 57.04
signal [adc counts]

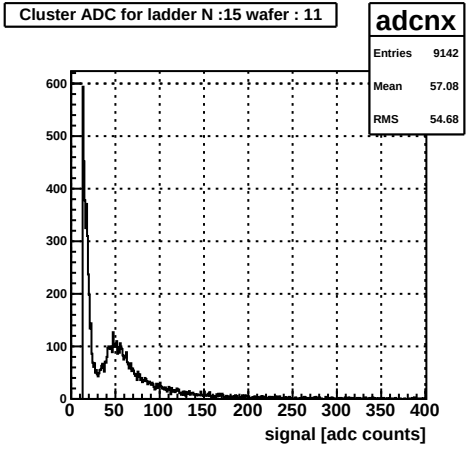

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 6923
Mean 66.63
RMS 54.82
signal [adc counts]

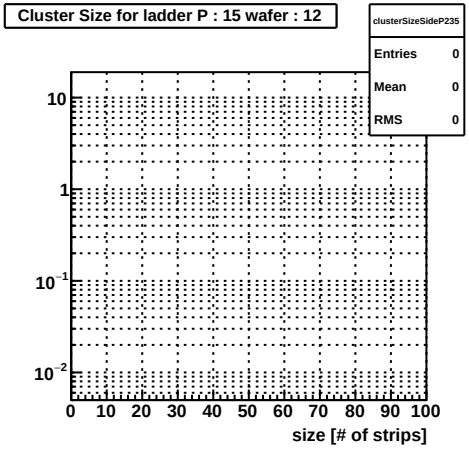

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 5
Mean 1
RMS 0
size [# of strips]

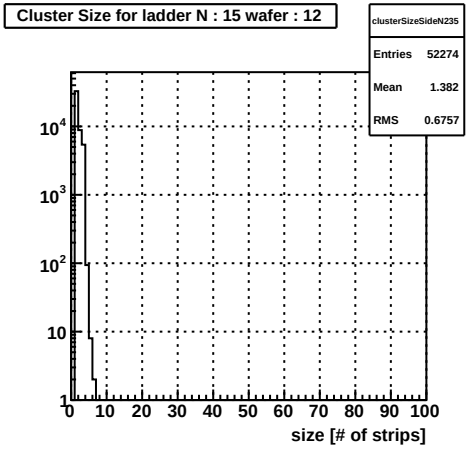

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 9142
Mean 1.411
RMS 0.7245
size [# of strips]

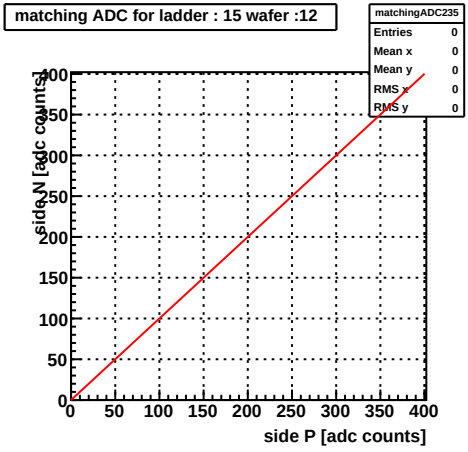

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

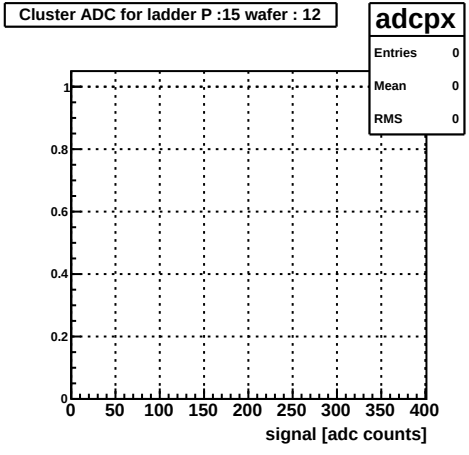

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

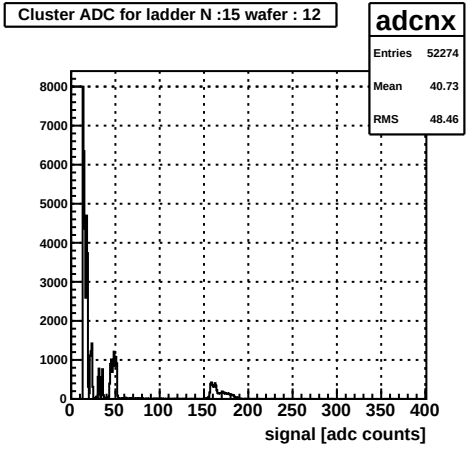

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 9142
Mean 57.08
RMS 54.68
signal [adc counts]

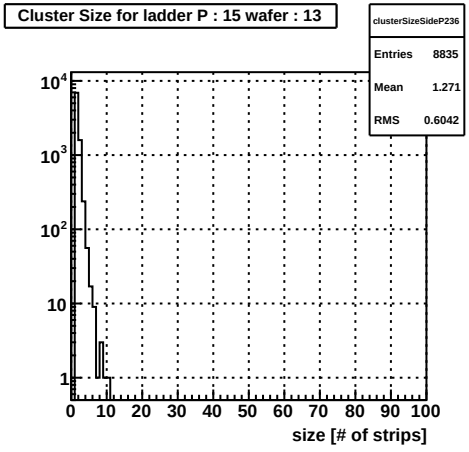

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 0
Mean 0
RMS 0
size [# of strips]

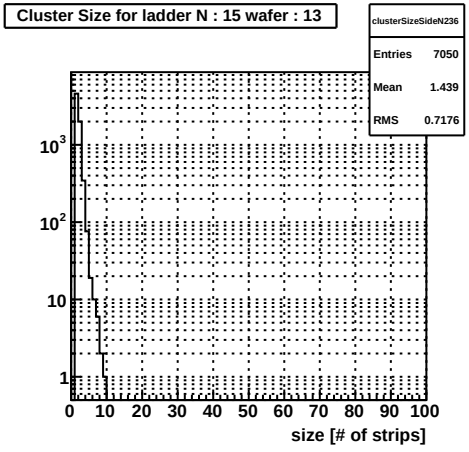

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 52274
Mean 1.382
RMS 0.6757
size [# of strips]

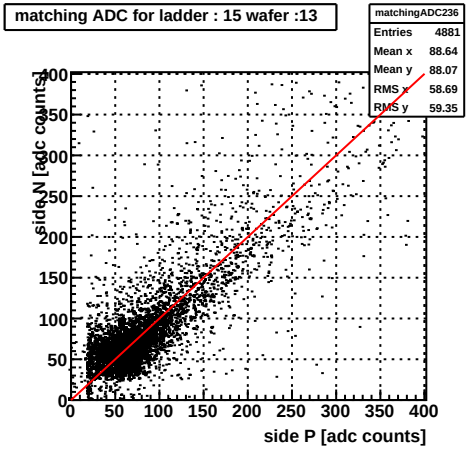

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

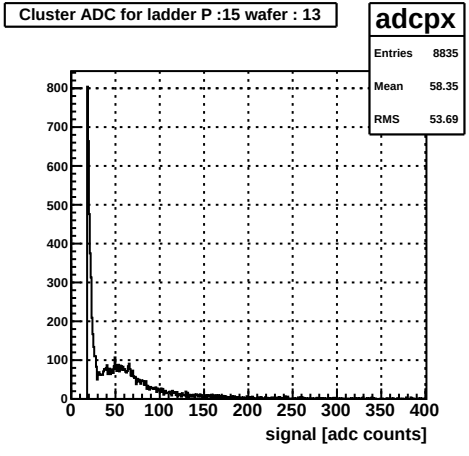

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

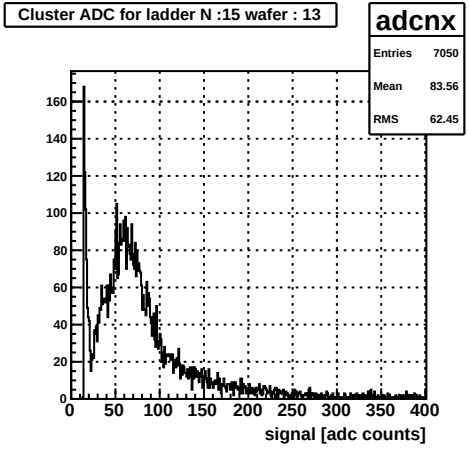

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 52274
Mean 40.73
RMS 48.46
signal [adc counts]

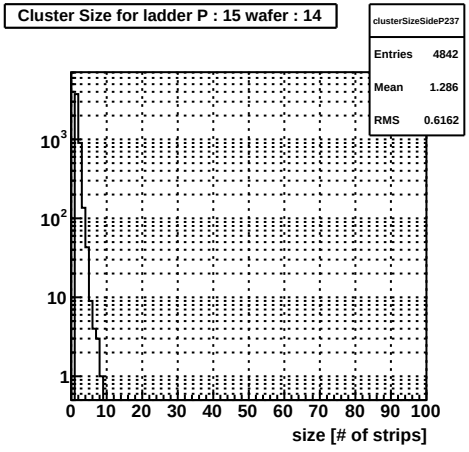

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 8835
Mean 1.271
RMS 0.6042
size [# of strips]

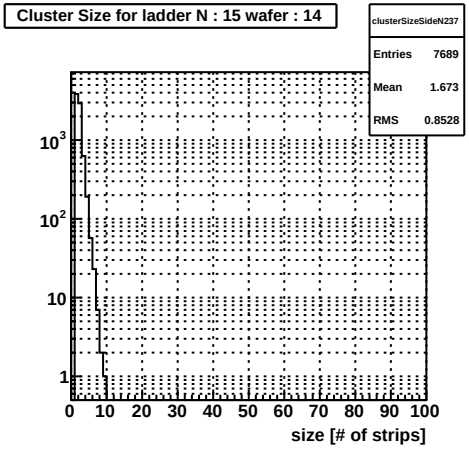

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 7050
Mean 1.439
RMS 0.7176
size [# of strips]

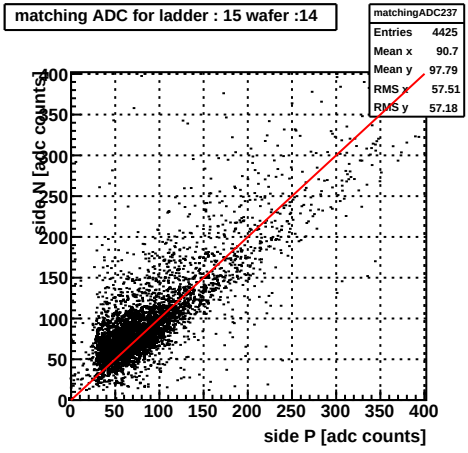

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 4881
Mean x 88.64
Mean y 88.07
RMS x 58.69
RMS y 59.35
side N [adc counts]
side P [adc counts]

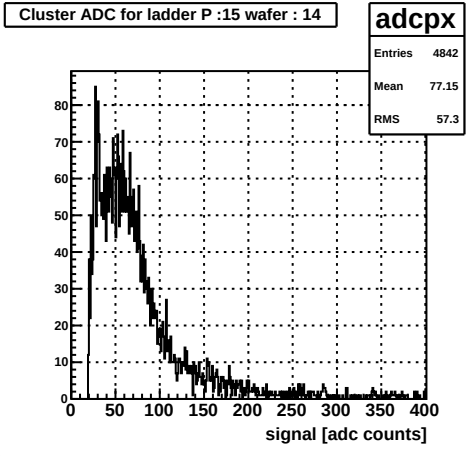

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 8835
Mean 58.35
RMS 53.69
signal [adc counts]

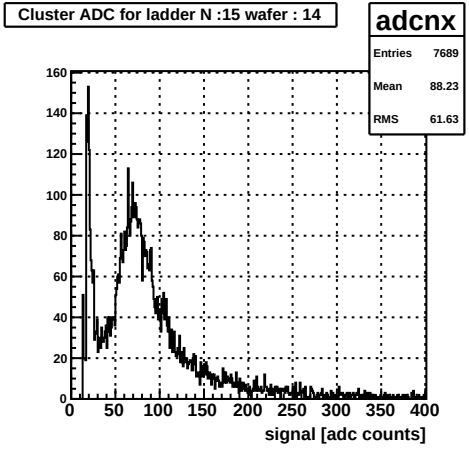

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 7050
Mean 83.56
RMS 62.45
signal [adc counts]

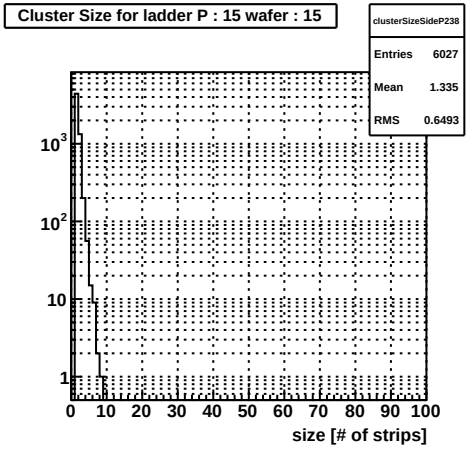

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 4842
Mean 1.286
RMS 0.6162
size [# of strips]

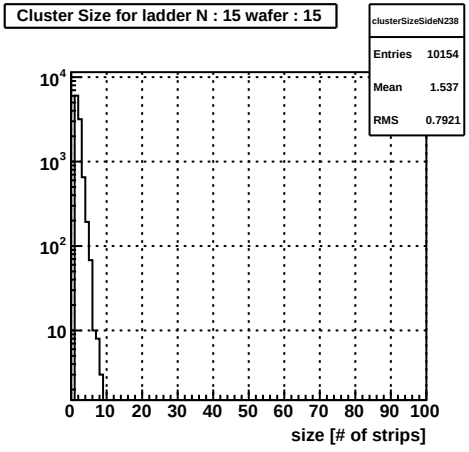

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 7689
Mean 1.673
RMS 0.8528
size [# of strips]

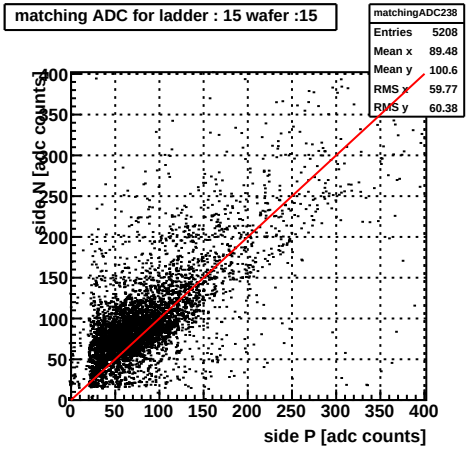

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 4425
Mean x 90.7
Mean y 97.79
RMS x 57.51
RMS y 57.18
side N [adc counts]
side P [adc counts]

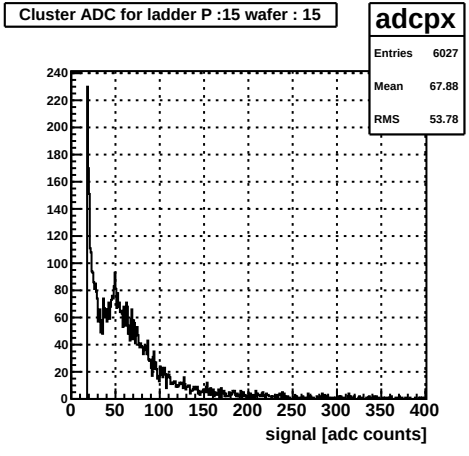

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 4842
Mean 77.15
RMS 57.3
signal [adc counts]

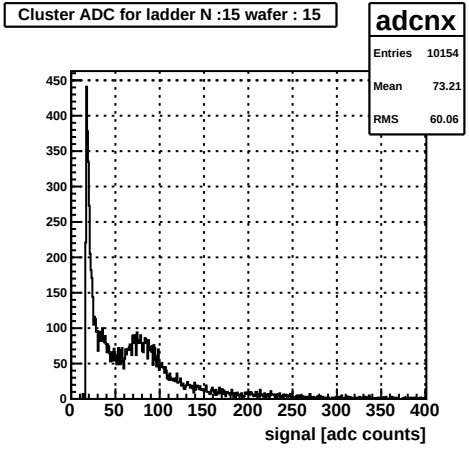

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 7689
Mean 88.23
RMS 61.63
signal [adc counts]

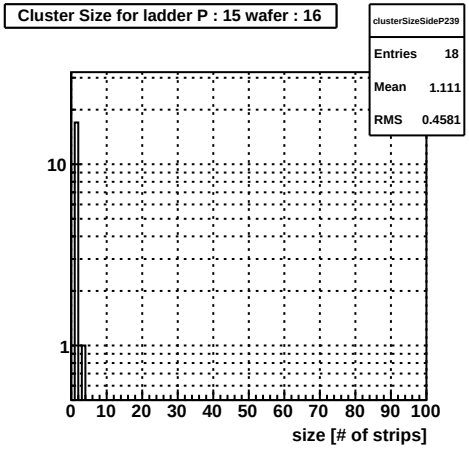

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 6027
Mean 1.335
RMS 0.6493
size [# of strips]

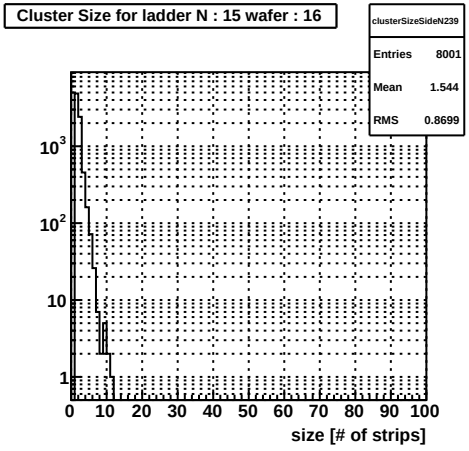

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 10154
Mean 1.537
RMS 0.7921
size [# of strips]

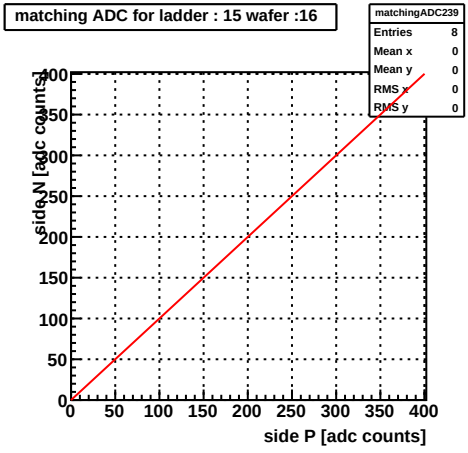

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 5208
Mean x 89.48
Mean y 100.6
RMS x 59.77
RMS y 60.38
side N [adc counts]
side P [adc counts]

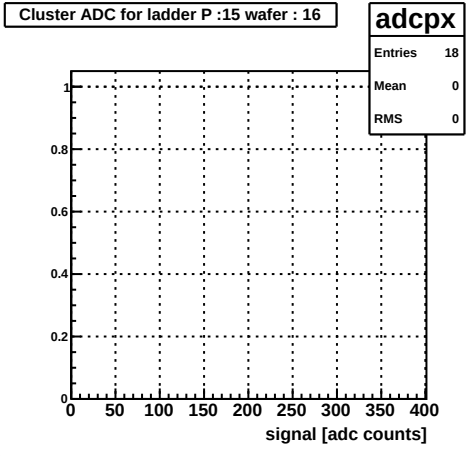

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 6027
Mean 67.88
RMS 53.78
signal [adc counts]

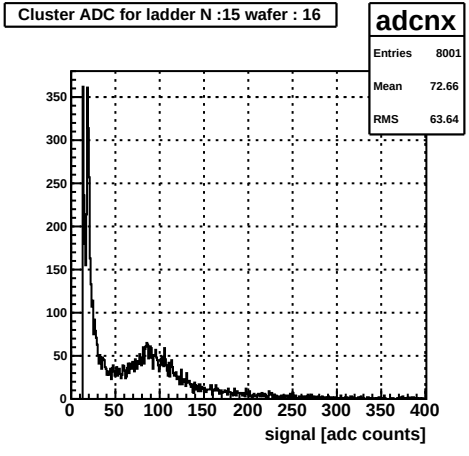

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 10154
Mean 73.21
RMS 60.06
signal [adc counts]

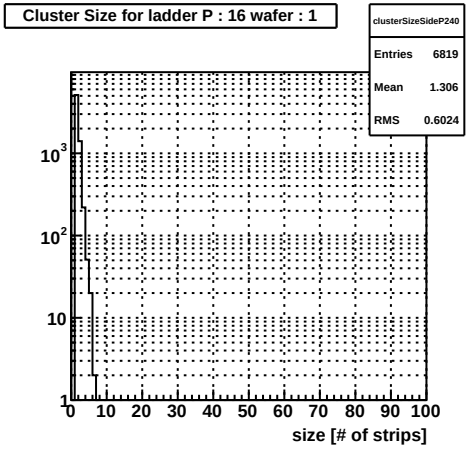

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 18
Mean 1.111
RMS 0.4581
size [# of strips]

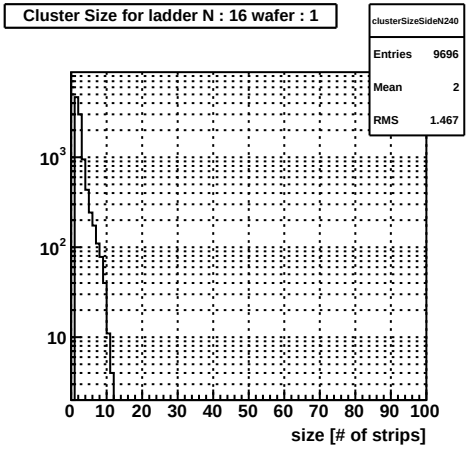

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 8001
Mean 1.544
RMS 0.8699
size [# of strips]

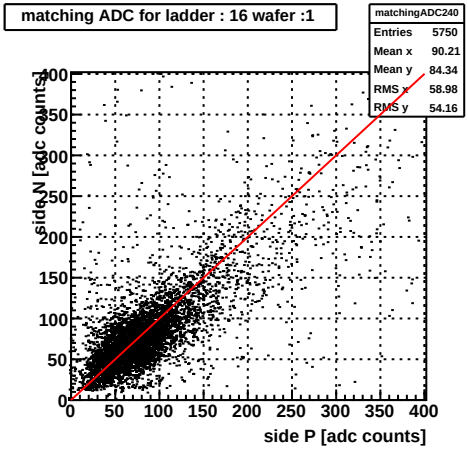

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 8
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

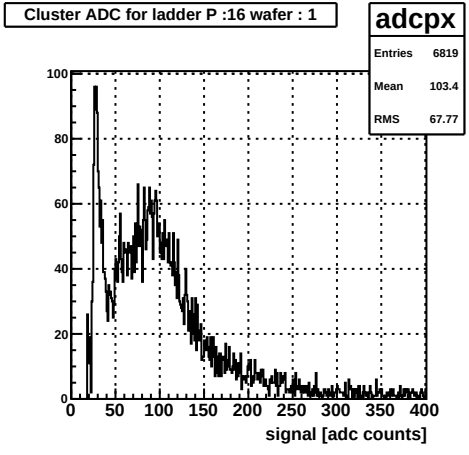

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 18
Mean 0
RMS 0
signal [adc counts]

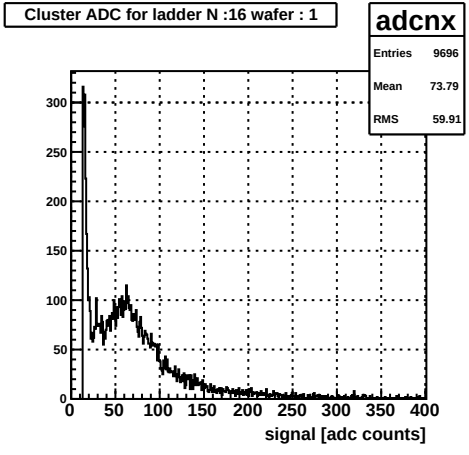

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 8001
Mean 72.66
RMS 63.64
signal [adc counts]

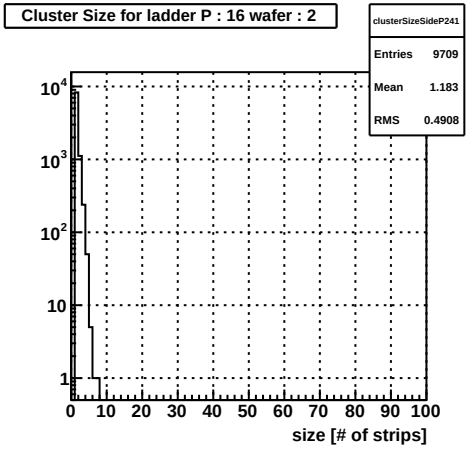

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 6819
Mean 1.306
RMS 0.6024
size [# of strips]

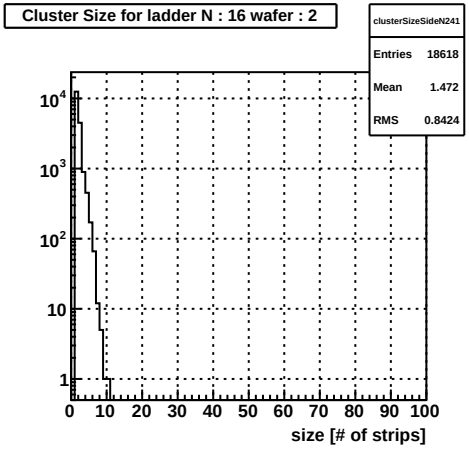

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 9696
Mean 2
RMS 1.467
size [# of strips]

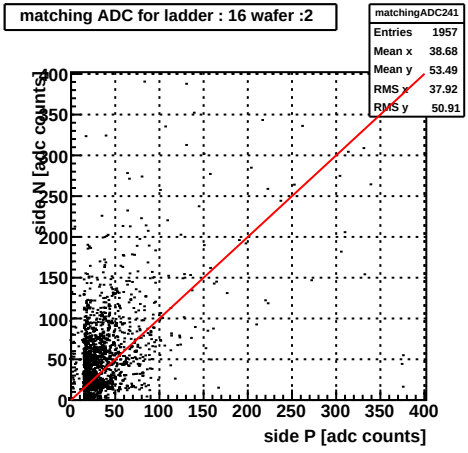

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 5750
Mean x 90.21
Mean y 84.34
RMS x 58.98
RMS y 54.16
side N [adc counts]
side P [adc counts]

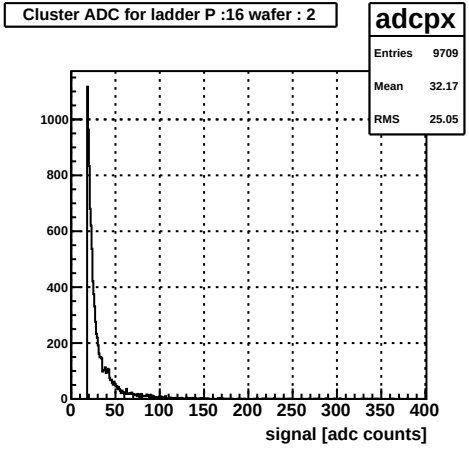

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 6819
Mean 103.4
RMS 67.77
signal [adc counts]

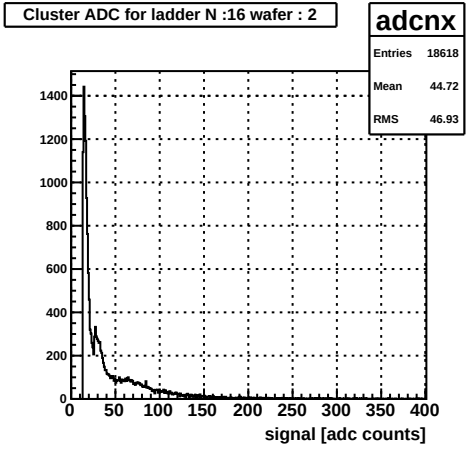

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 9696
Mean 73.79
RMS 59.91
signal [adc counts]

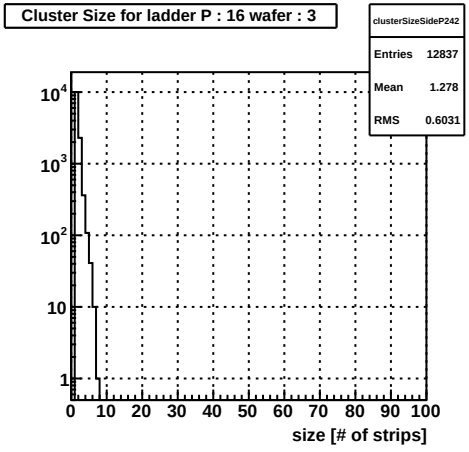

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 9709
Mean 1.183
RMS 0.4908
size [# of strips]

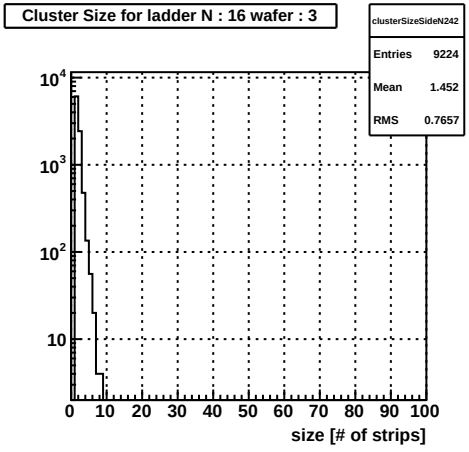

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 18618
Mean 1.472
RMS 0.8424
size [# of strips]

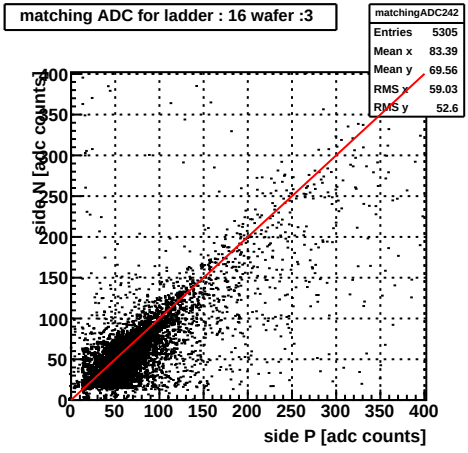

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 1957
Mean x 38.68
Mean y 53.49
RMS x 37.92
RMS y 50.91
side N [adc counts]
side P [adc counts]

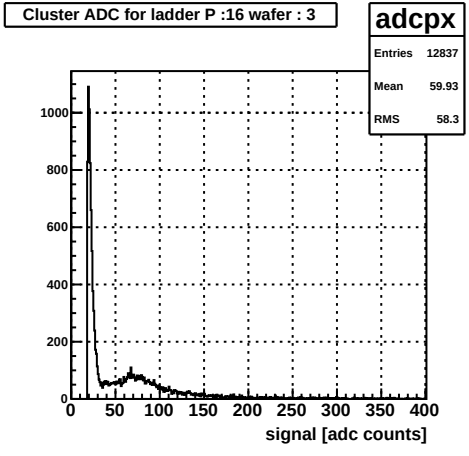

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 9709
Mean 32.17
RMS 25.05
signal [adc counts]

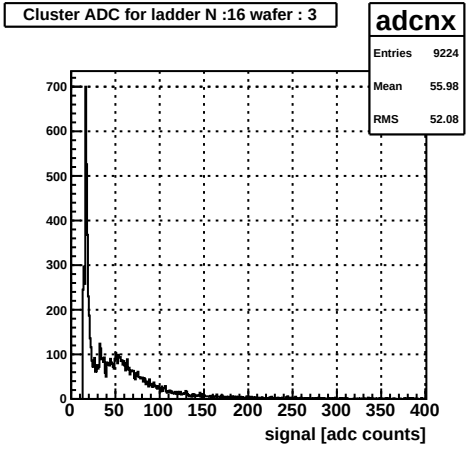

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 18618
Mean 44.72
RMS 46.93
signal [adc counts]

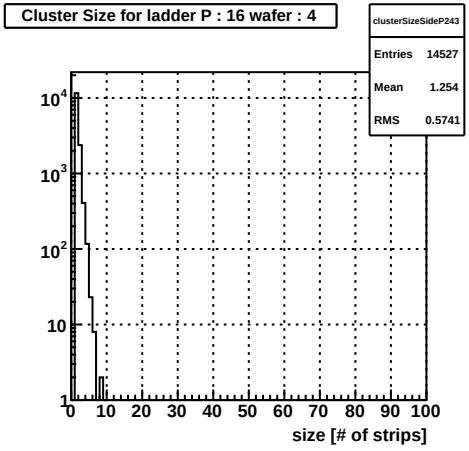

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 12837
Mean 1.278
RMS 0.6031
size [# of strips]

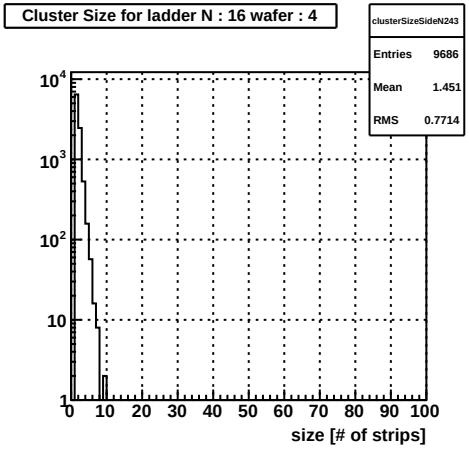

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 9224
Mean 1.452
RMS 0.7657
size [# of strips]

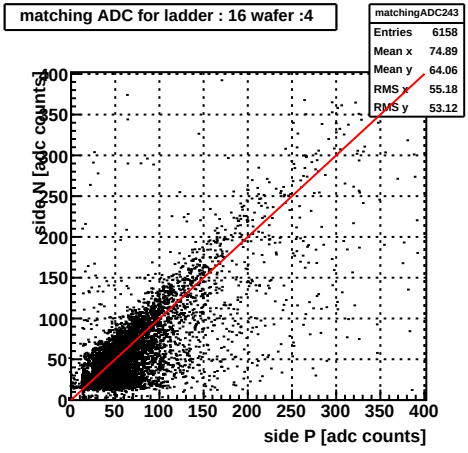

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 5305
Mean x 83.39
Mean y 69.56
RMS x 59.03
RMS y 52.6
side N [adc counts]
side P [adc counts]

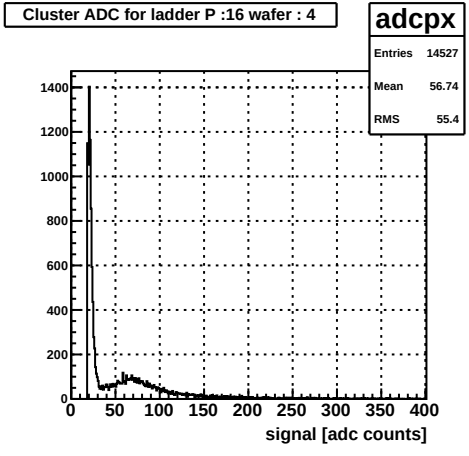

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 12837
Mean 59.93
RMS 58.3
signal [adc counts]

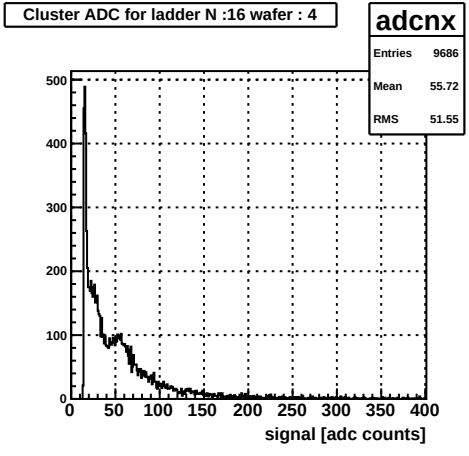

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 9224
Mean 55.98
RMS 52.08
signal [adc counts]

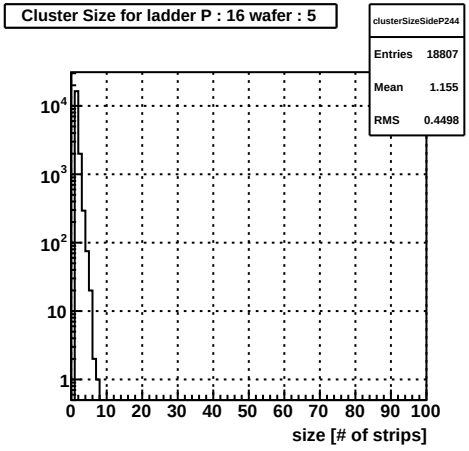

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 14527
Mean 1.254
RMS 0.5741
size [# of strips]

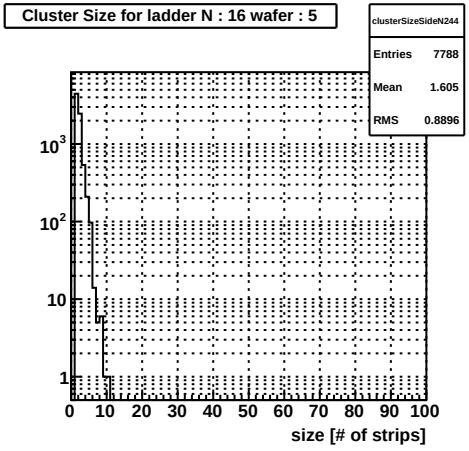

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 9686
Mean 1.451
RMS 0.7714
size [# of strips]

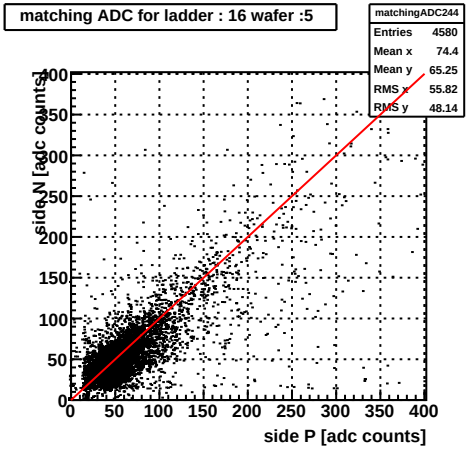

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 6158
Mean x 74.89
Mean y 64.06
RMS x 55.18
RMS y 53.12
side N [adc counts]
side P [adc counts]

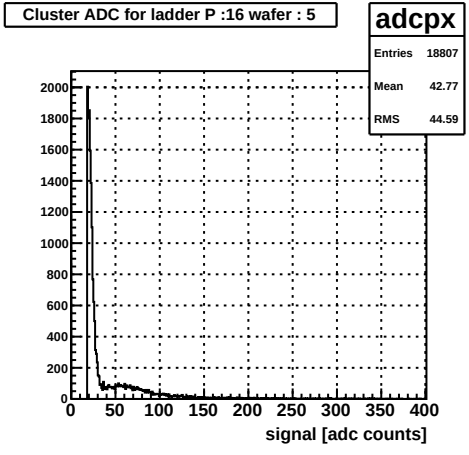

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 14527
Mean 56.74
RMS 55.4
signal [adc counts]

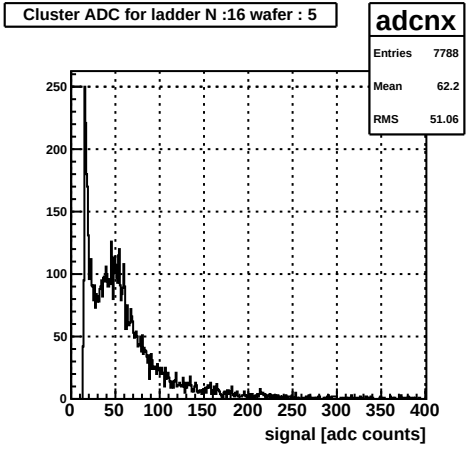

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 9686
Mean 55.72
RMS 51.55
signal [adc counts]

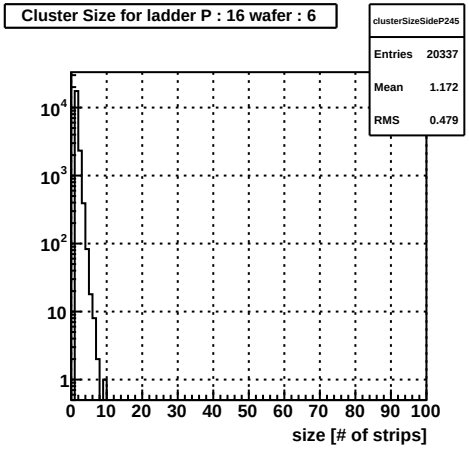

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 18807
Mean 1.155
RMS 0.4498
size [# of strips]

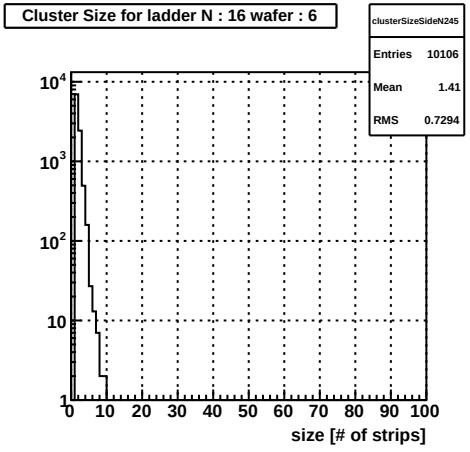

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 7788
Mean 1.605
RMS 0.8896
size [# of strips]

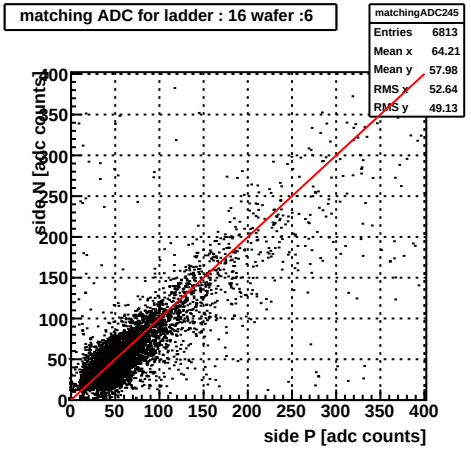

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 4580
Mean x 74.4
Mean y 65.25
RMS x 55.82
RMS y 48.14
side N [adc counts]
side P [adc counts]

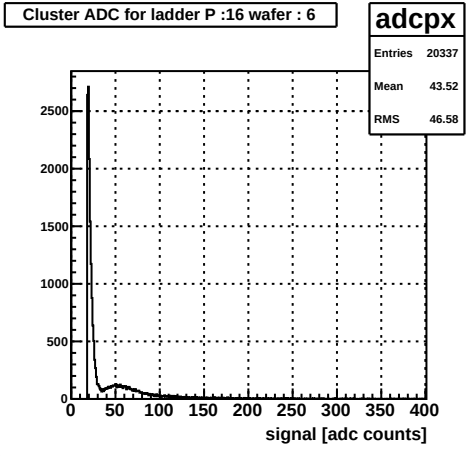

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 18807
Mean 42.77
RMS 44.59
signal [adc counts]

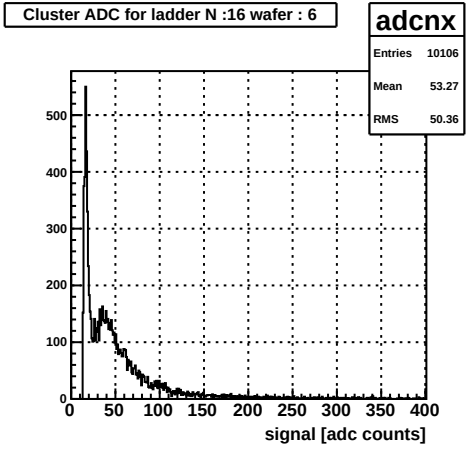

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 7788
Mean 62.2
RMS 51.06
signal [adc counts]

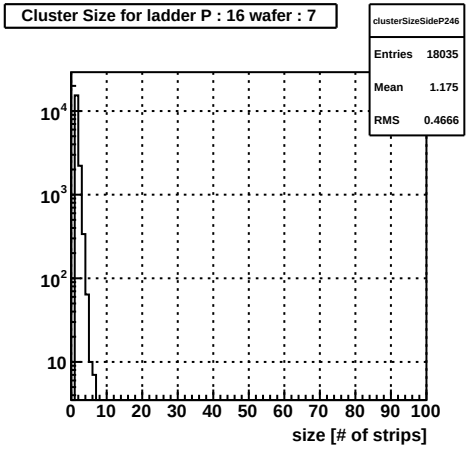

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 20337
Mean 1.172
RMS 0.479
size [# of strips]

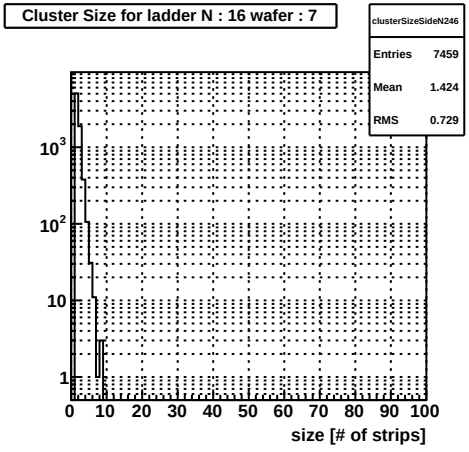

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 10106
Mean 1.41
RMS 0.7294
size [# of strips]

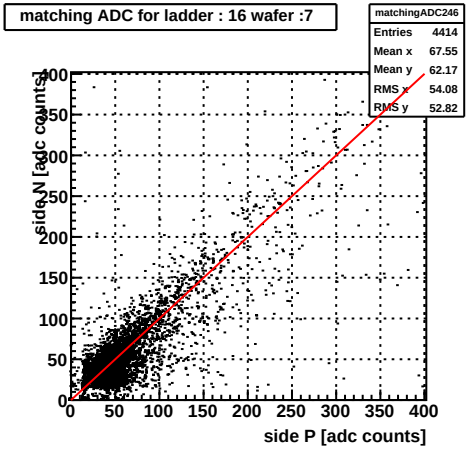

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 6813
Mean x 64.21
Mean y 57.98
RMS x 52.64
RMS y 49.13
side N [adc counts]
side P [adc counts]

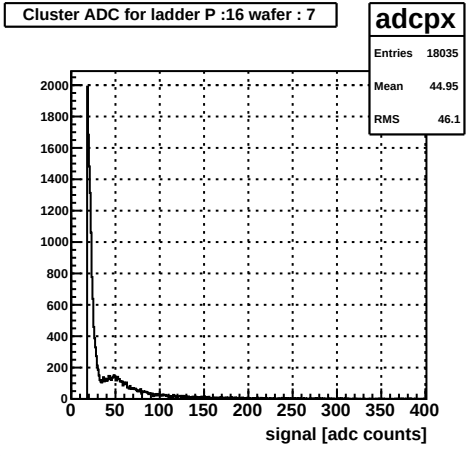

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 20337
Mean 43.52
RMS 46.58
signal [adc counts]

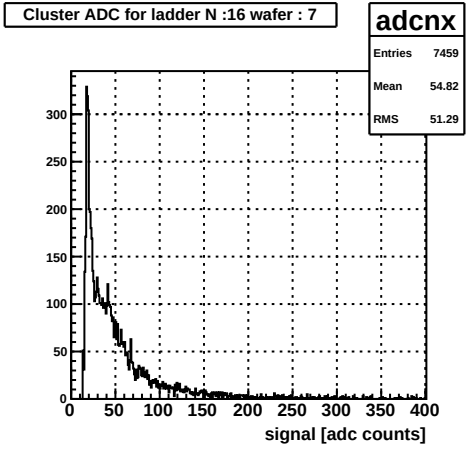

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 10106
Mean 53.27
RMS 50.36
signal [adc counts]

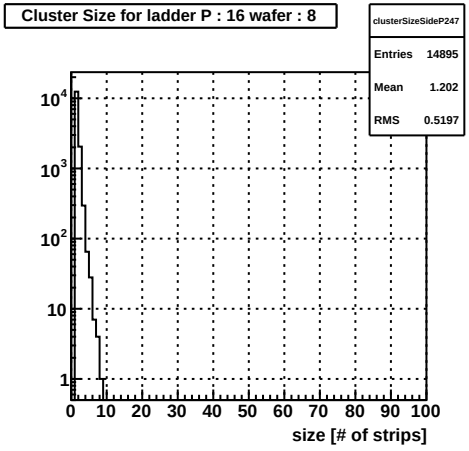

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 18035
Mean 1.175
RMS 0.4666
size [# of strips]

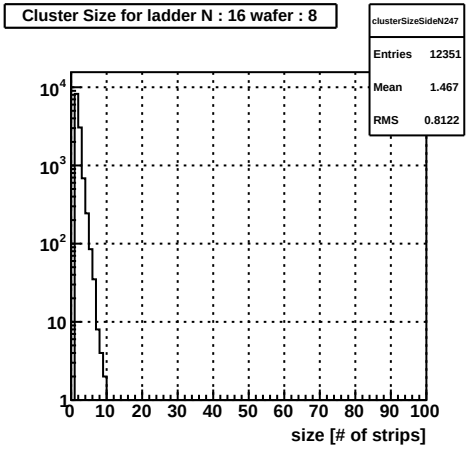

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 7459
Mean 1.424
RMS 0.729
size [# of strips]

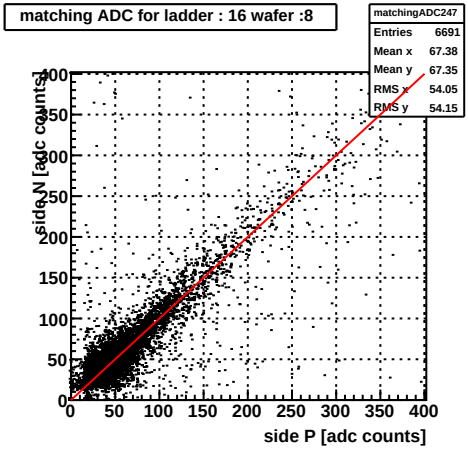

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 4414
Mean x 67.55
Mean y 62.17
RMS x 54.08
RMS y 52.82
side N [adc counts]
side P [adc counts]

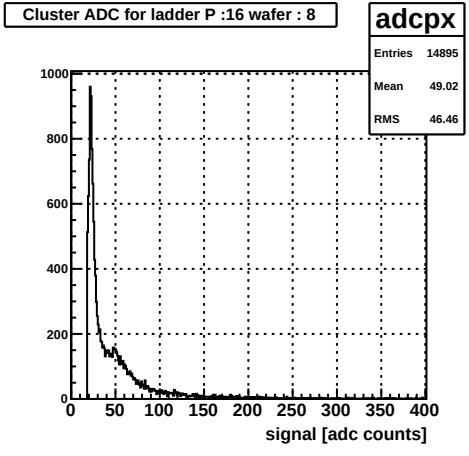

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 18035
Mean 44.95
RMS 46.1
signal [adc counts]

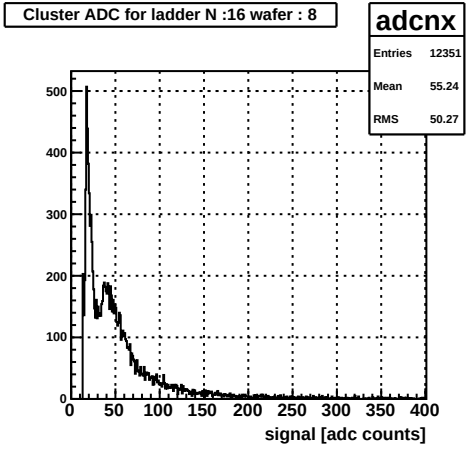

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 7459
Mean 54.82
RMS 51.29
signal [adc counts]

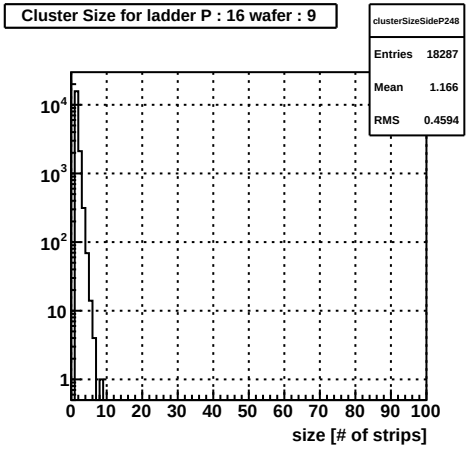

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 14895
Mean 1.202
RMS 0.5197
size [# of strips]

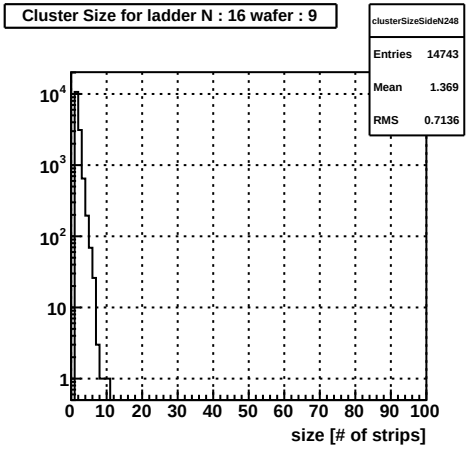

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 12351
Mean 1.467
RMS 0.8122
size [# of strips]

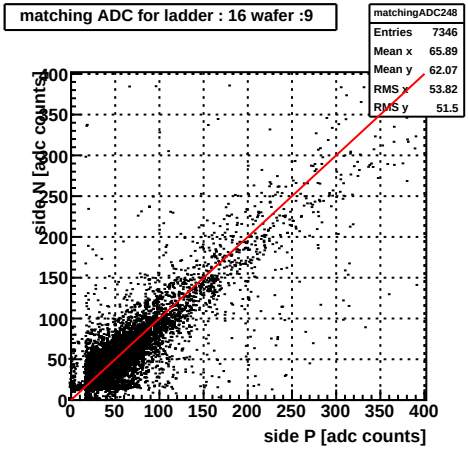

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 6691
Mean x 67.38
Mean y 67.35
RMS x 54.05
RMS y 54.15
side N [adc counts]
side P [adc counts]

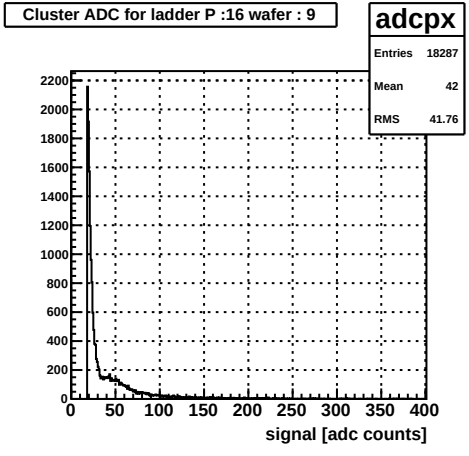

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 14895
Mean 49.02
RMS 46.46
signal [adc counts]

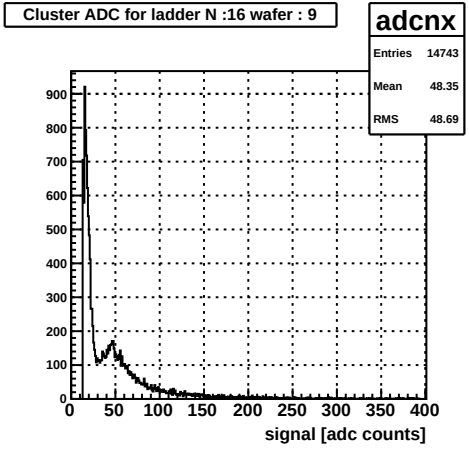

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 12351
Mean 55.24
RMS 50.27
signal [adc counts]

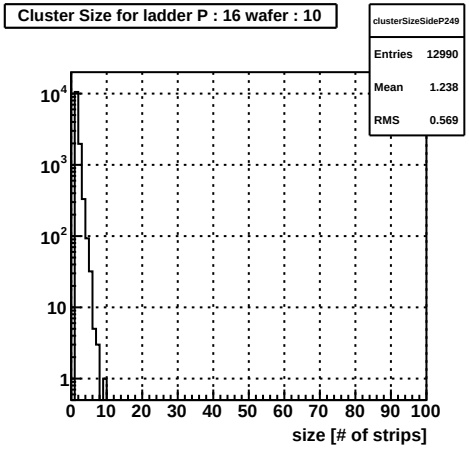

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 18287
Mean 1.166
RMS 0.4594
size [# of strips]

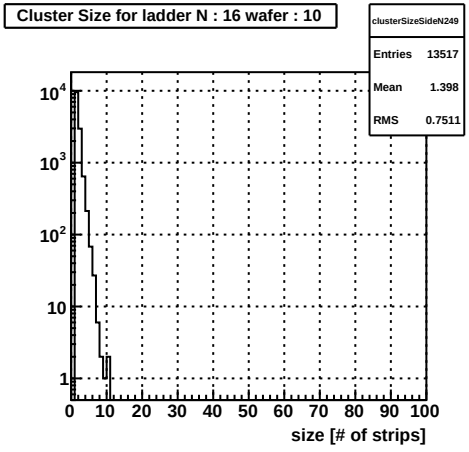

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 14743
Mean 1.369
RMS 0.7136
size [# of strips]

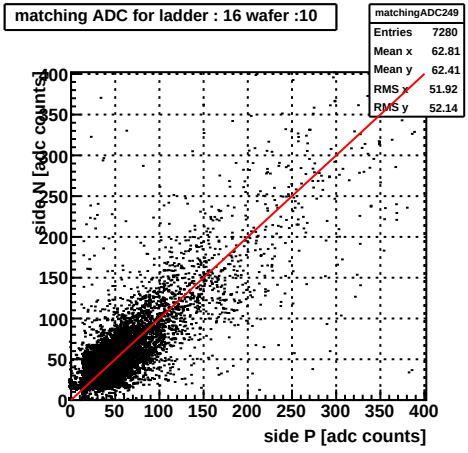

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 7346
Mean x 65.89
Mean y 62.07
RMS x 53.82
RMS y 51.5
side N [adc counts]
side P [adc counts]

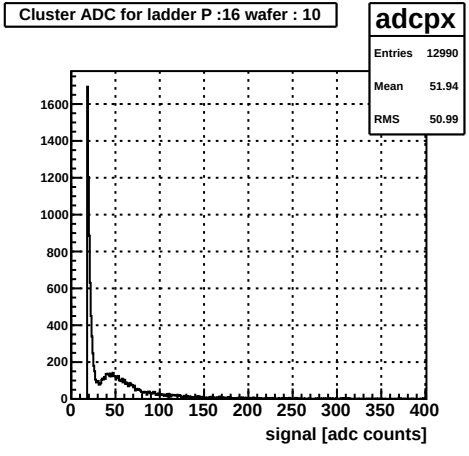

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 18287
Mean 42
RMS 41.76
signal [adc counts]

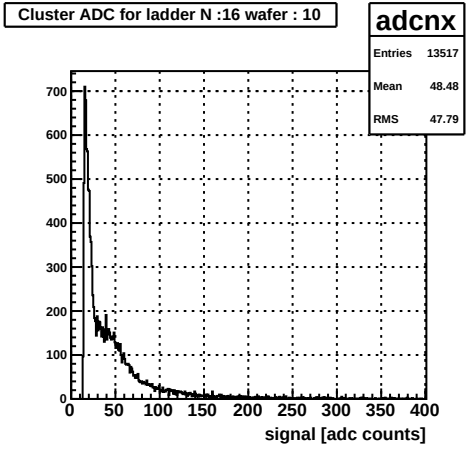

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 14743
Mean 48.35
RMS 48.69
signal [adc counts]

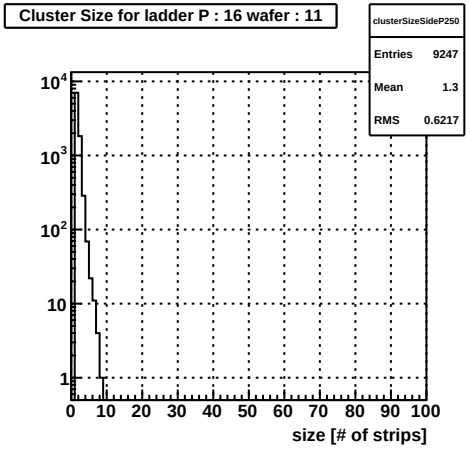

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 12990
Mean 1.238
RMS 0.569
size [# of strips]

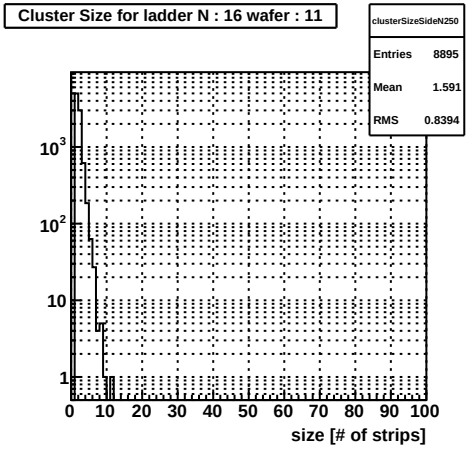

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 13517
Mean 1.398
RMS 0.7511
size [# of strips]

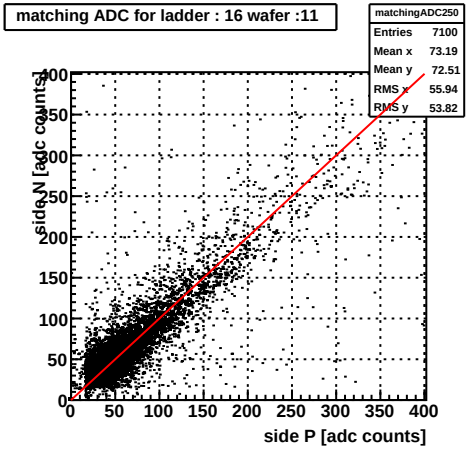

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 7280
Mean x 62.81
Mean y 62.41
RMS x 51.92
RMS y 52.14
side N [adc counts]
side P [adc counts]

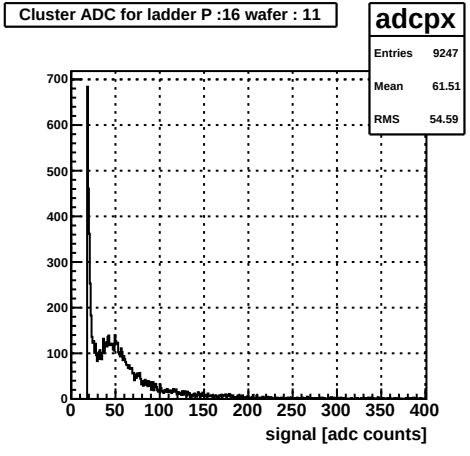

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 12990
Mean 51.94
RMS 50.99
signal [adc counts]

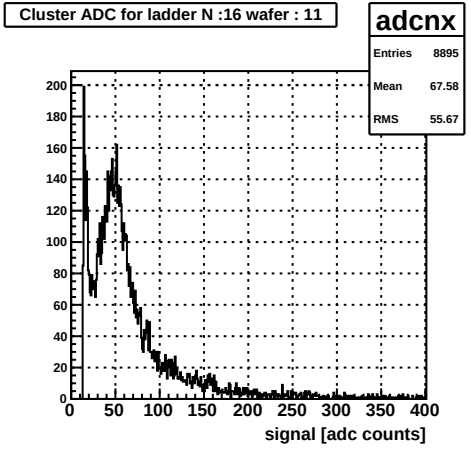

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 13517
Mean 48.48
RMS 47.79
signal [adc counts]

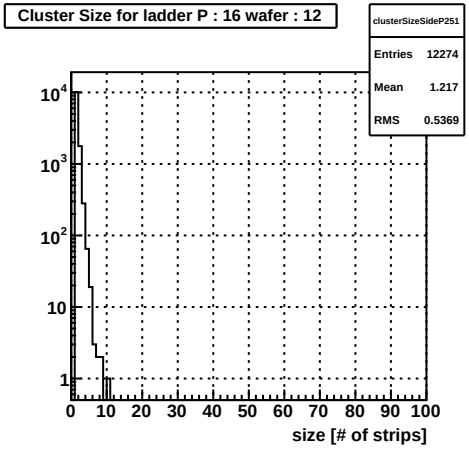

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 9247
Mean 1.3
RMS 0.6217
size [# of strips]

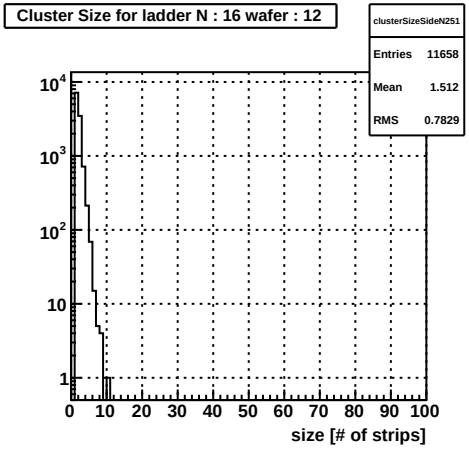

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 8895
Mean 1.591
RMS 0.8394
size [# of strips]

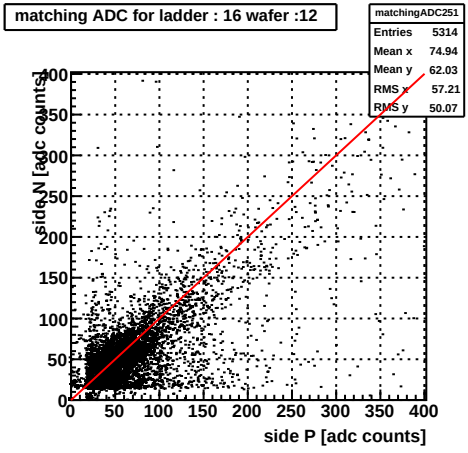

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 7100
Mean x 73.19
Mean y 72.51
RMS x 55.94
RMS y 53.82
side N [adc counts]
side P [adc counts]

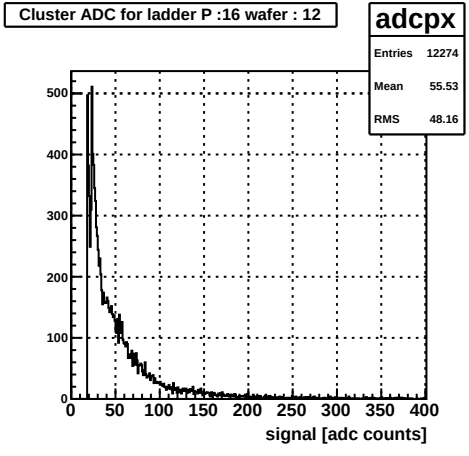

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 9247
Mean 61.51
RMS 54.59
signal [adc counts]

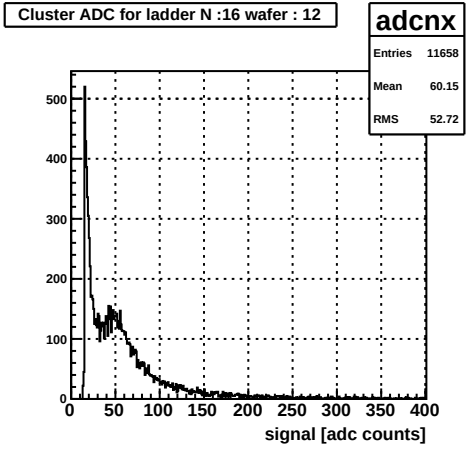

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 8895
Mean 67.58
RMS 55.67
signal [adc counts]

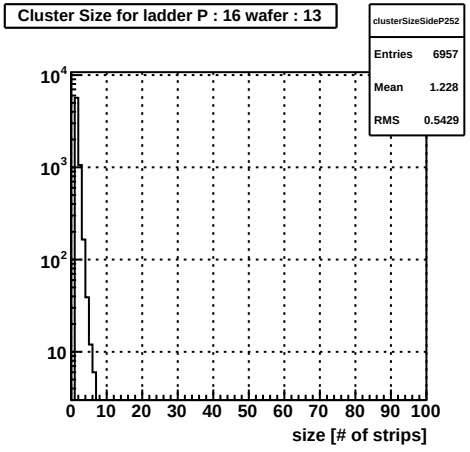

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 12274
Mean 1.217
RMS 0.5369
size [# of strips]

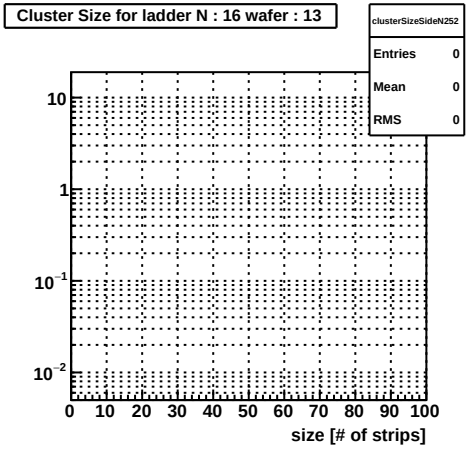

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 11658
Mean 1.512
RMS 0.7829
size [# of strips]

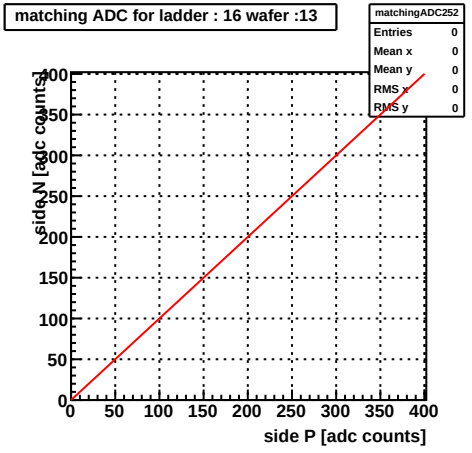

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 5314
Mean x 74.94
Mean y 62.03
RMS x 57.21
RMS y 50.07
side N [adc counts]
side P [adc counts]

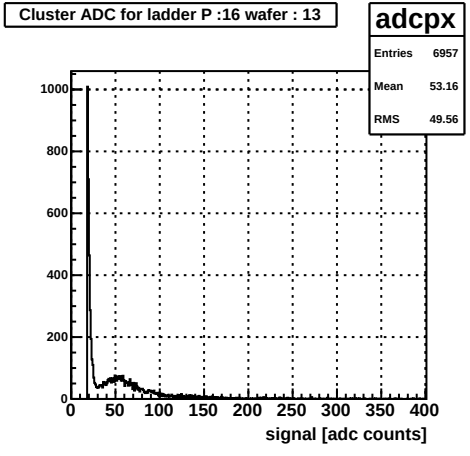

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 12274
Mean 55.53
RMS 48.16
signal [adc counts]

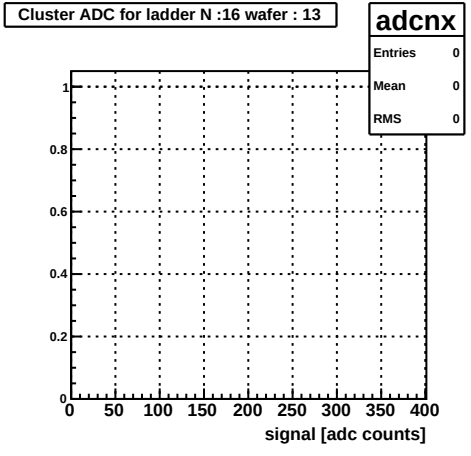

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 11658
Mean 60.15
RMS 52.72
signal [adc counts]

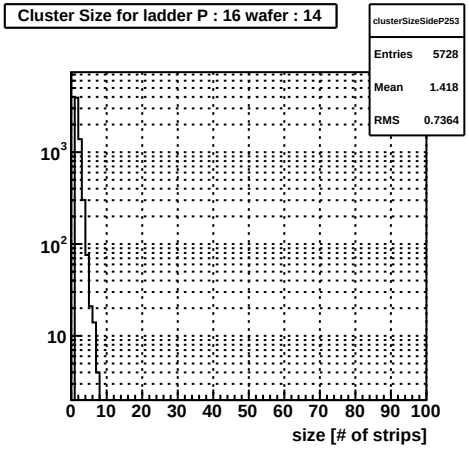

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 6957
Mean 1.228
RMS 0.5429
size [# of strips]

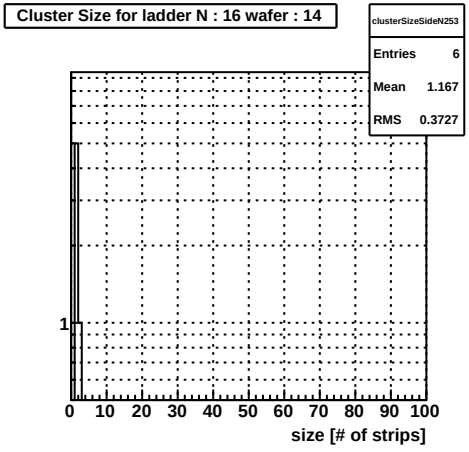

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

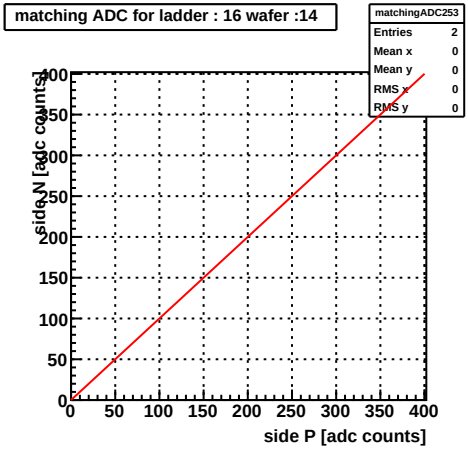

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

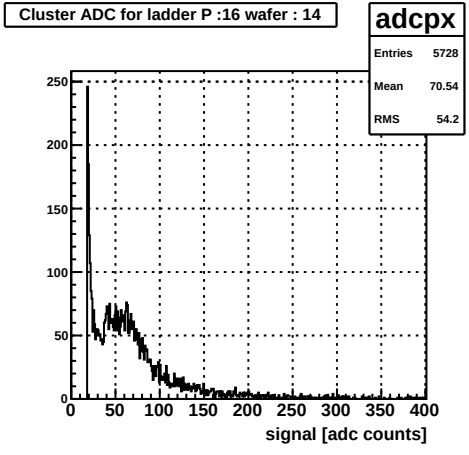

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 6957
Mean 53.16
RMS 49.56
signal [adc counts]

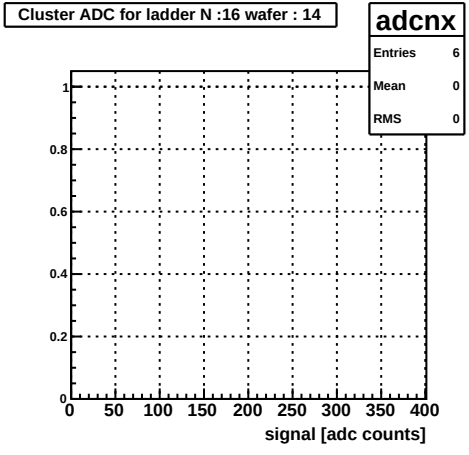

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

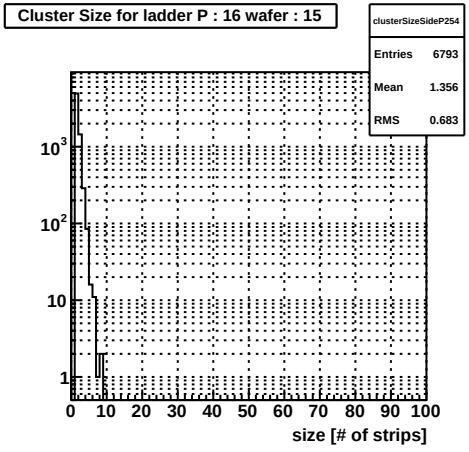

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 5728
Mean 1.418
RMS 0.7364
size [# of strips]

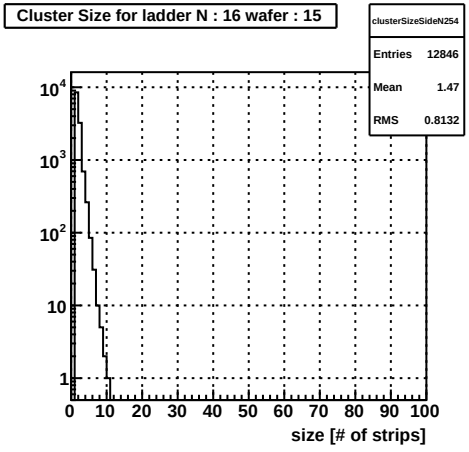

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 6
Mean 1.167
RMS 0.3727
size [# of strips]

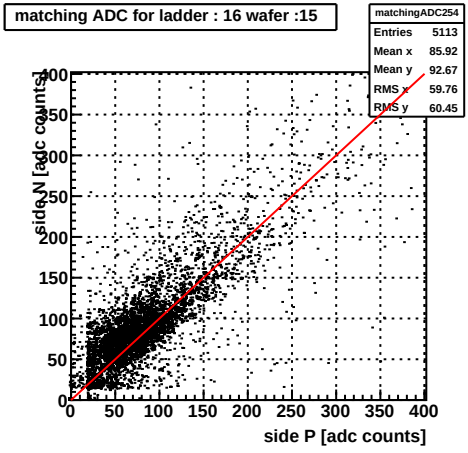

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

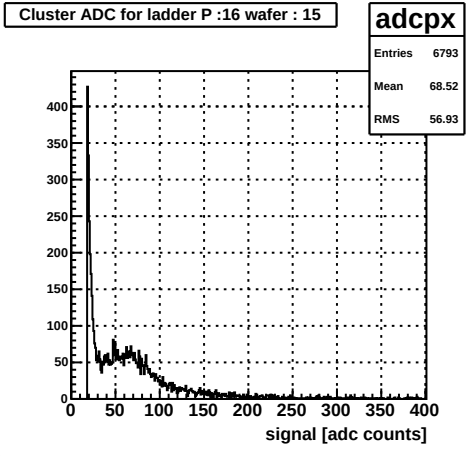

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 5728
Mean 70.54
RMS 54.2
signal [adc counts]

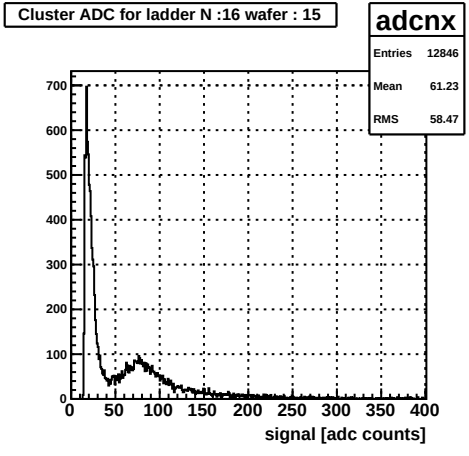

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 6
Mean 0
RMS 0
signal [adc counts]

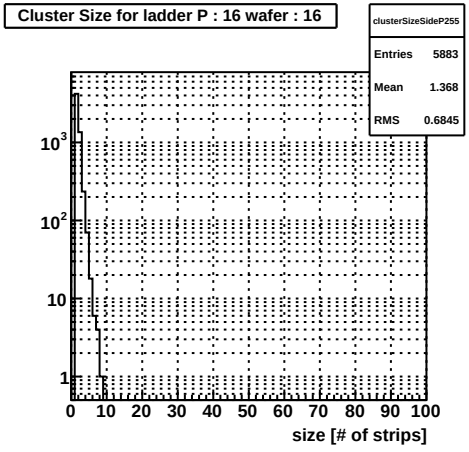

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 6793
Mean 1.356
RMS 0.683
size [# of strips]

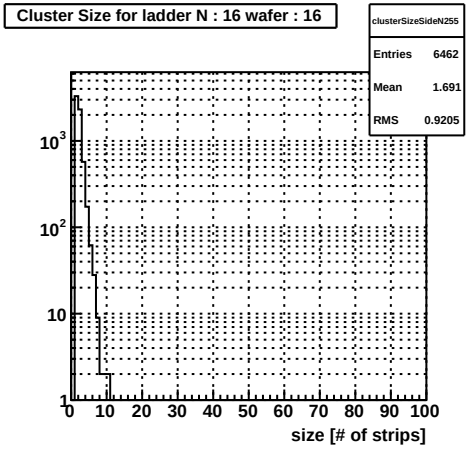

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 12846
Mean 1.47
RMS 0.8132
size [# of strips]

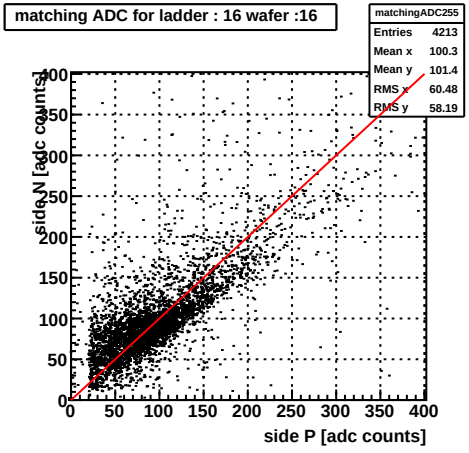

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 5113
Mean x 85.92
Mean y 92.67
RMS x 59.76
RMS y 60.45
side N [adc counts]
side P [adc counts]

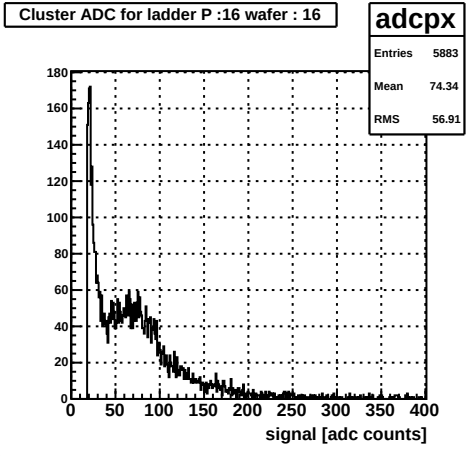

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 6793
Mean 68.52
RMS 56.93
signal [adc counts]

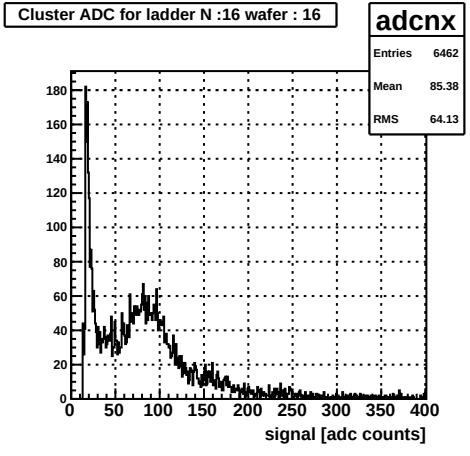

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 12846
Mean 61.23
RMS 58.47
signal [adc counts]

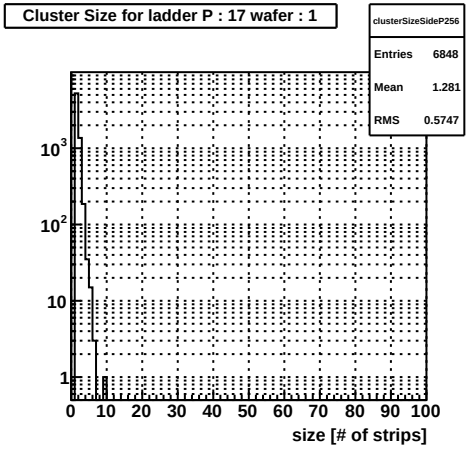

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 5883
Mean 1.368
RMS 0.6845
size [# of strips]

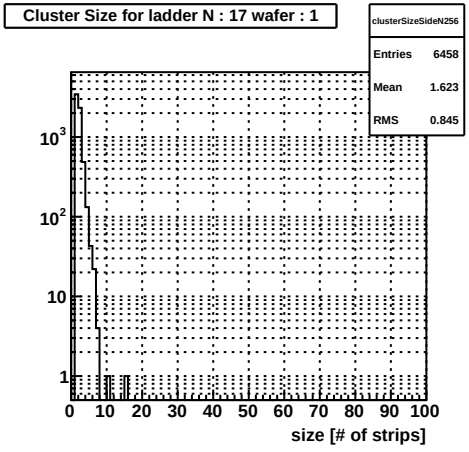

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 6462
Mean 1.691
RMS 0.9205
size [# of strips]

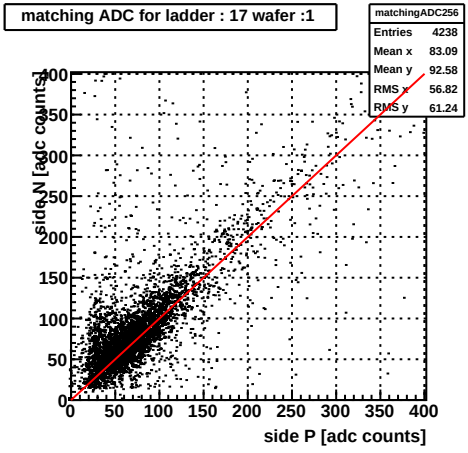

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 4213
Mean x 100.3
Mean y 101.4
RMS x 60.48
RMS y 58.19
side N [adc counts]
side P [adc counts]

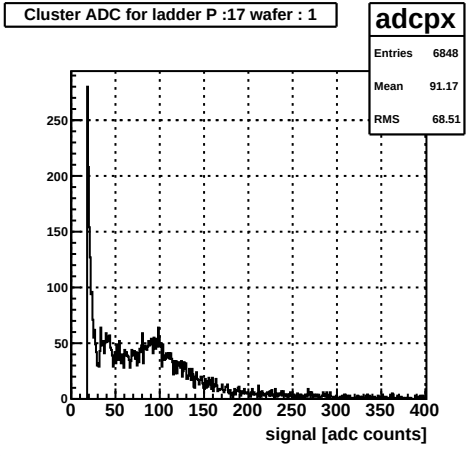

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 5883
Mean 74.34
RMS 56.91
signal [adc counts]

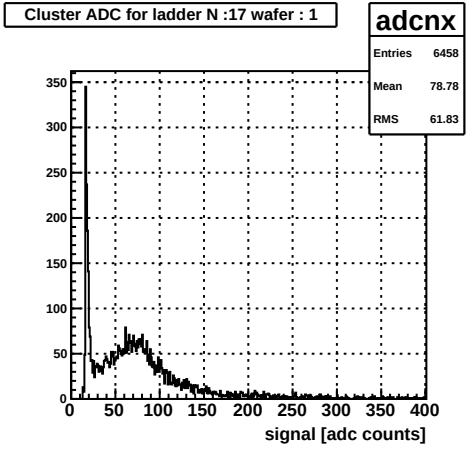

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 6462
Mean 85.38
RMS 64.13
signal [adc counts]

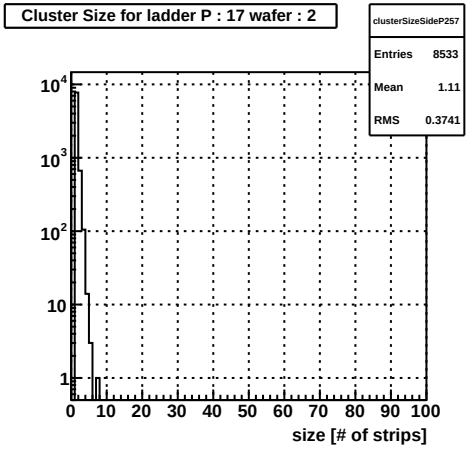

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 6848
Mean 1.281
RMS 0.5747
size [# of strips]

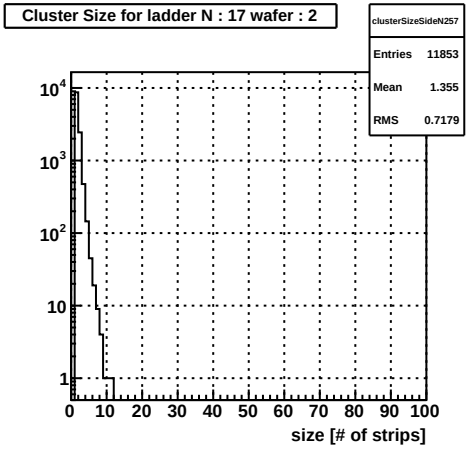

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 6458
Mean 1.623
RMS 0.845
size [# of strips]

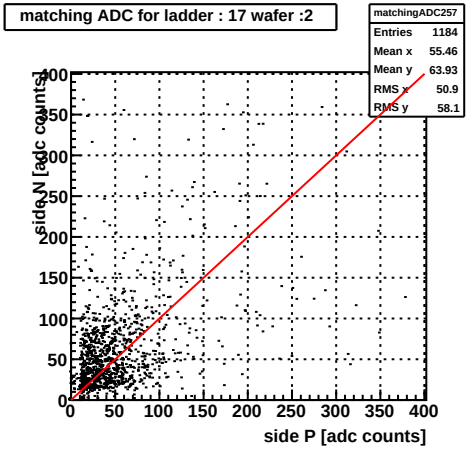

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 4238
Mean x 83.09
Mean y 92.58
RMS x 56.82
RMS y 61.24
side N [adc counts]
side P [adc counts]

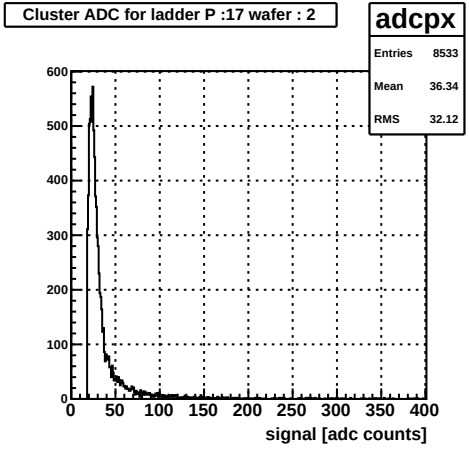

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 6848
Mean 91.17
RMS 68.51
signal [adc counts]

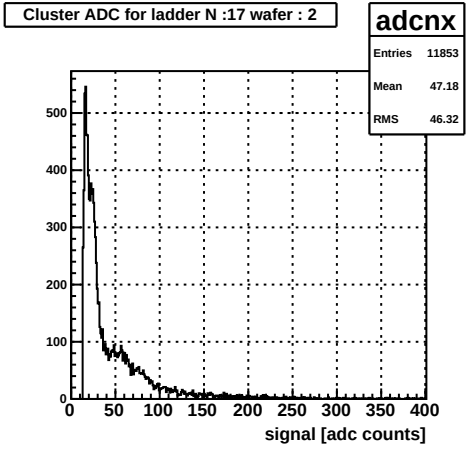

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 6458
Mean 78.78
RMS 61.83
signal [adc counts]

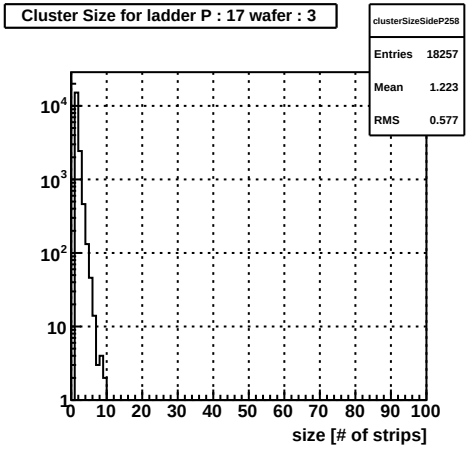

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 8533
Mean 1.11
RMS 0.3741
size [# of strips]

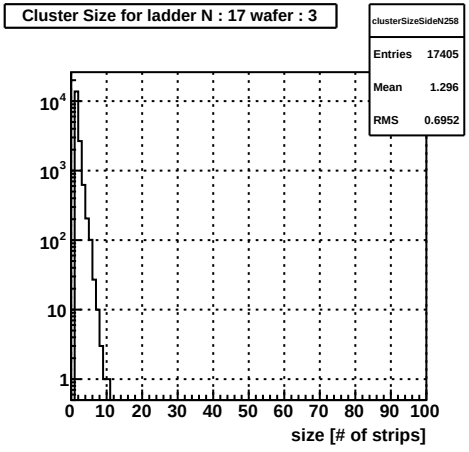

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 11853
Mean 1.355
RMS 0.7179
size [# of strips]

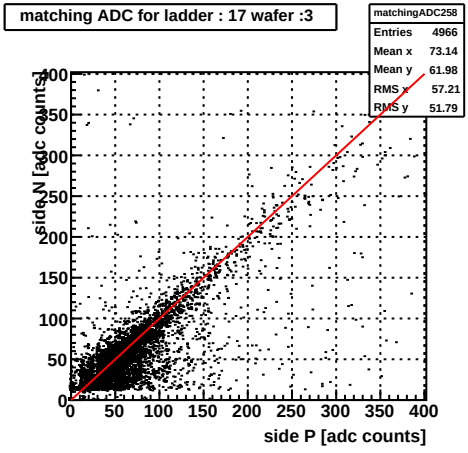

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 1184
Mean x 55.46
Mean y 63.93
RMS x 50.9
RMS y 58.1
side N [adc counts]
side P [adc counts]

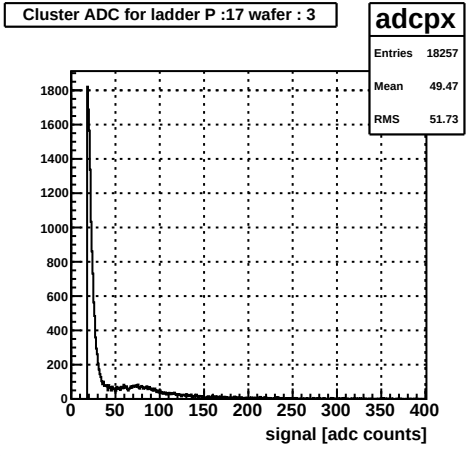

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 8533
Mean 36.34
RMS 32.12
signal [adc counts]

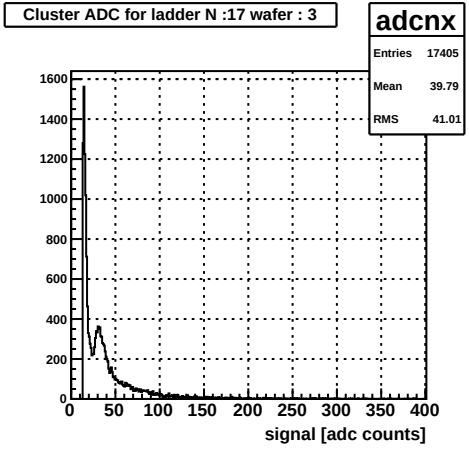

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 11853
Mean 47.18
RMS 46.32
signal [adc counts]

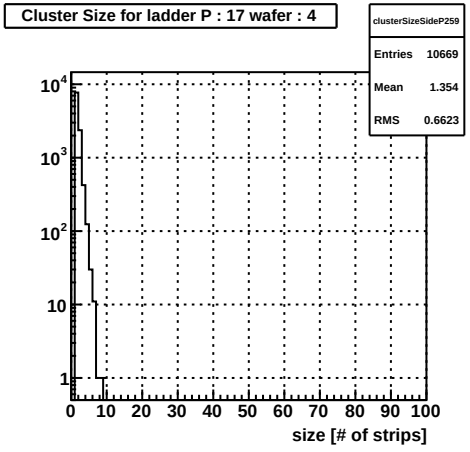

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 18257
Mean 1.223
RMS 0.577
size [# of strips]

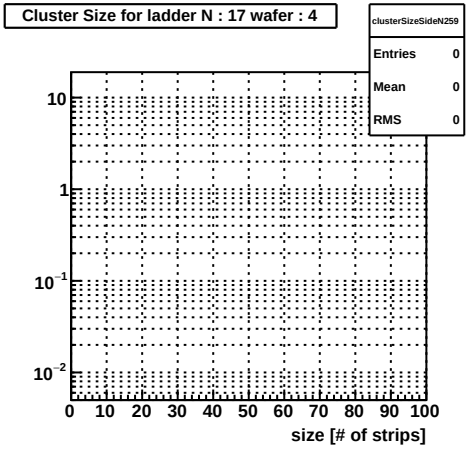

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 17405
Mean 1.296
RMS 0.6952
size [# of strips]

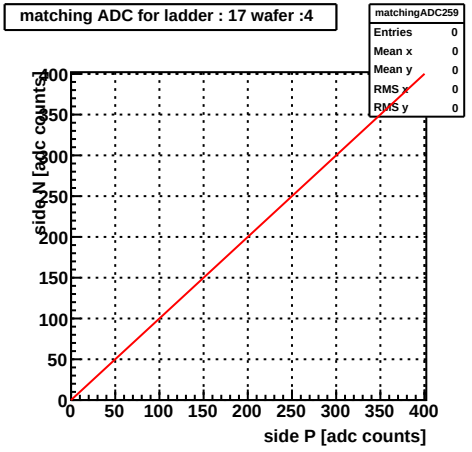

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 4966
Mean x 73.14
Mean y 61.98
RMS x 57.21
RMS y 51.79
side N [adc counts]
side P [adc counts]

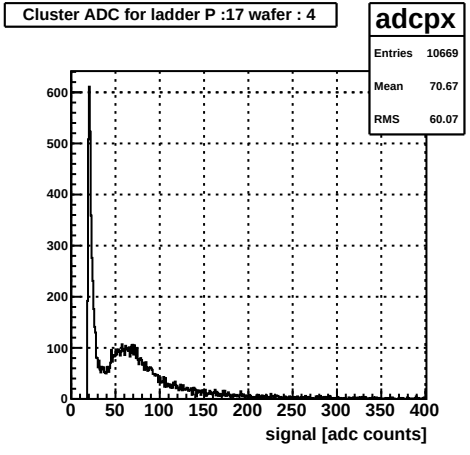

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 18257
Mean 49.47
RMS 51.73
signal [adc counts]

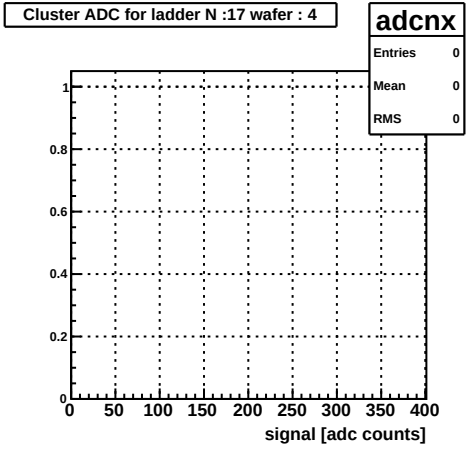

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 17405
Mean 39.79
RMS 41.01
signal [adc counts]

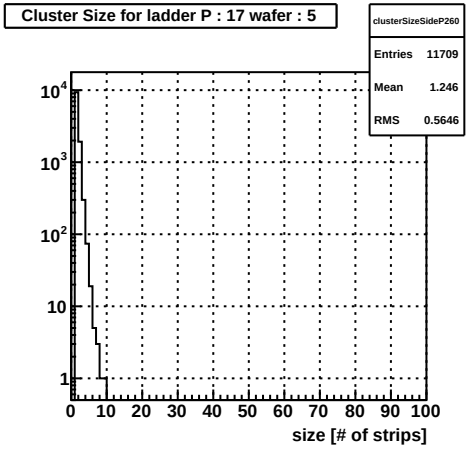

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 10669
Mean 1.354
RMS 0.6623
size [# of strips]

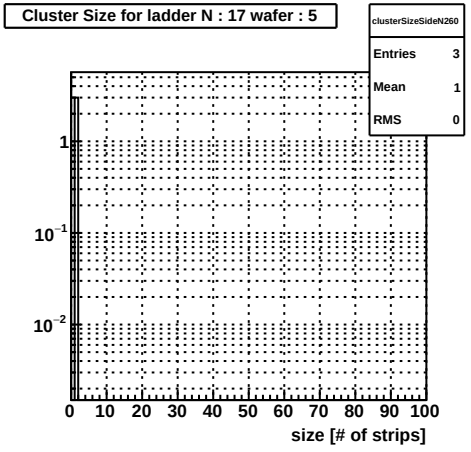

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

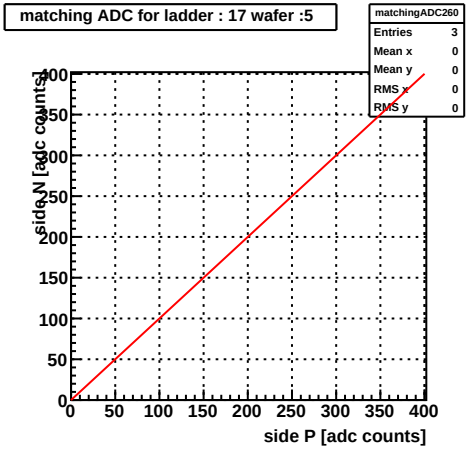

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

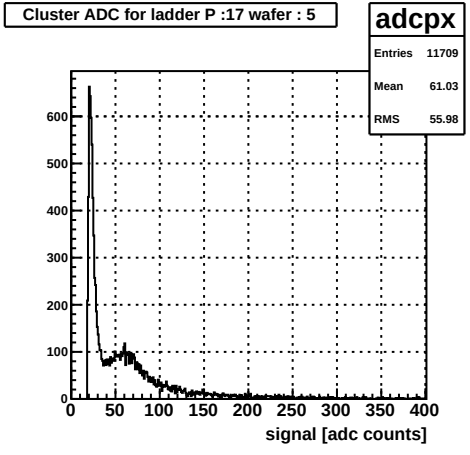

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 10669
Mean 70.67
RMS 60.07
signal [adc counts]

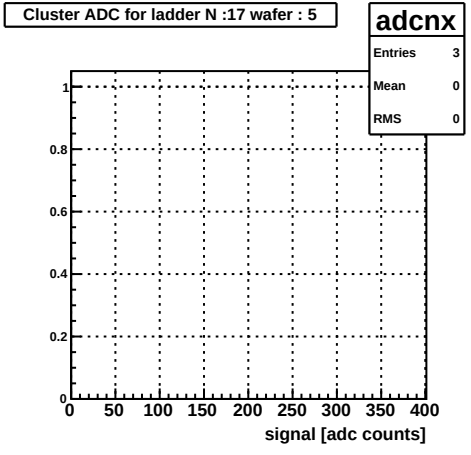

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

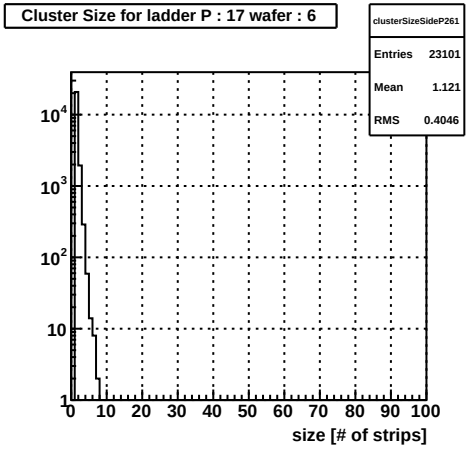

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 11709
Mean 1.246
RMS 0.5646
size [# of strips]

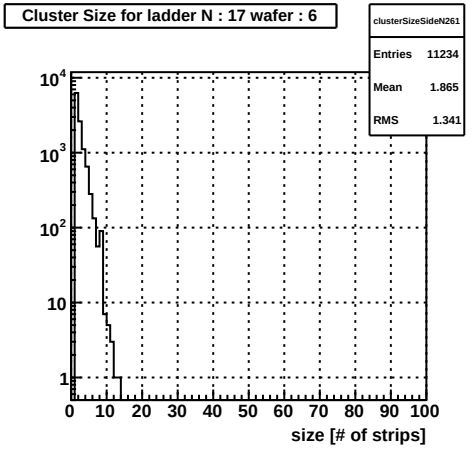

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 3
Mean 1
RMS 0
size [# of strips]

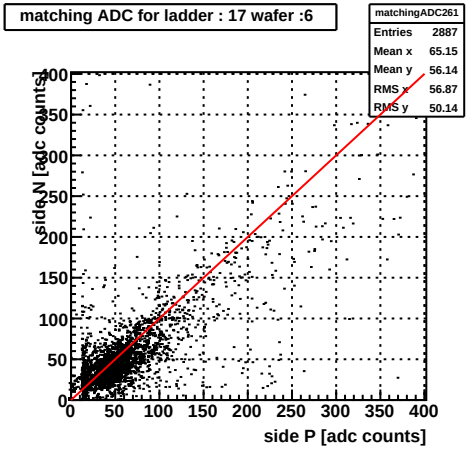

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

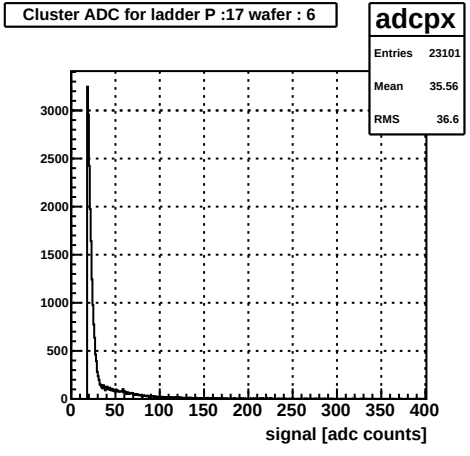

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 11709
Mean 61.03
RMS 55.98
signal [adc counts]

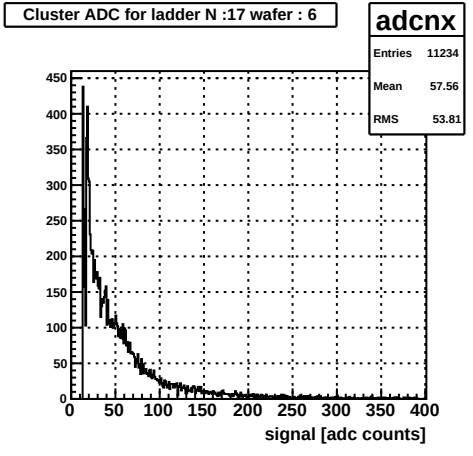

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 3
Mean 0
RMS 0
signal [adc counts]

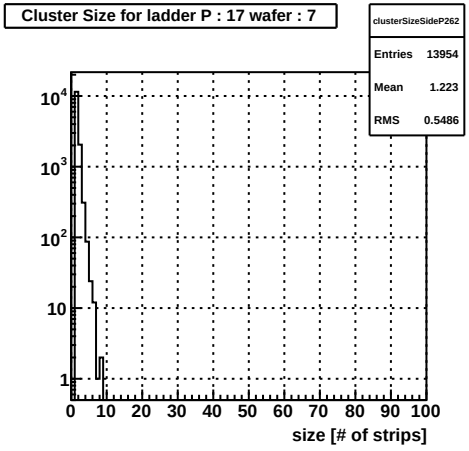

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 23101
Mean 1.121
RMS 0.4046
size [# of strips]

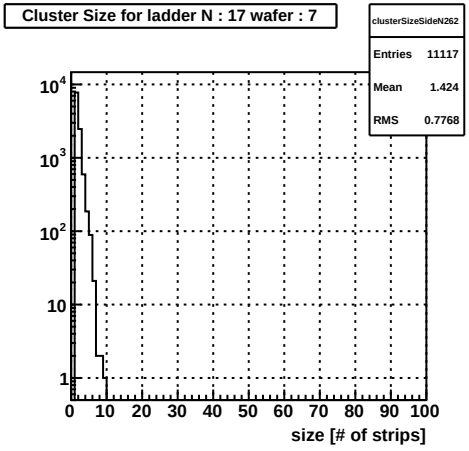

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 11234
Mean 1.865
RMS 1.341
size [# of strips]

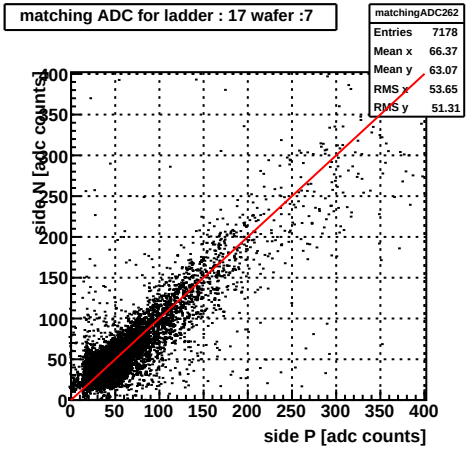

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 2887
Mean x 65.15
Mean y 56.14
RMS x 56.87
RMS y 50.14
side N [adc counts]
side P [adc counts]

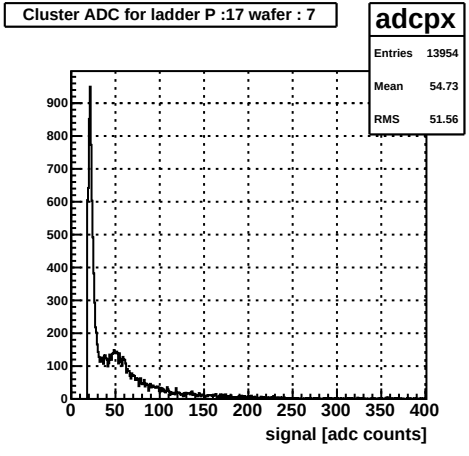

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 23101
Mean 35.56
RMS 36.6
signal [adc counts]

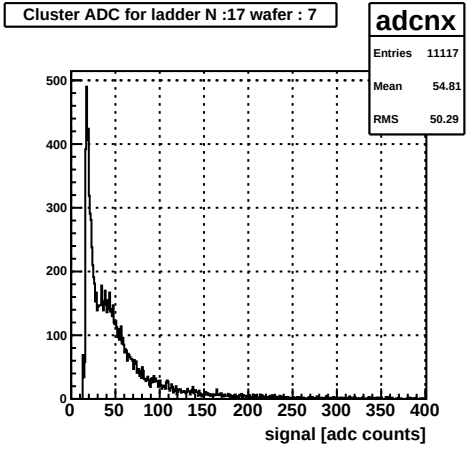

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 11234
Mean 57.56
RMS 53.81
signal [adc counts]

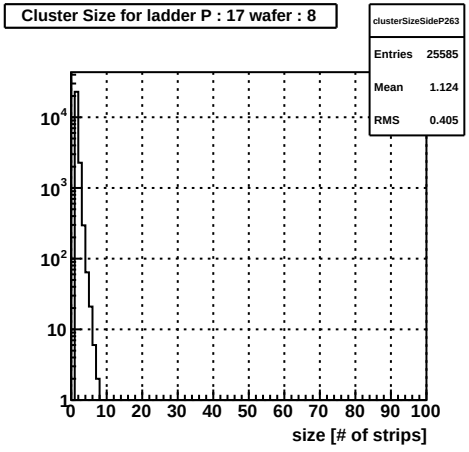

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 13954
Mean 1.223
RMS 0.5486
size [# of strips]

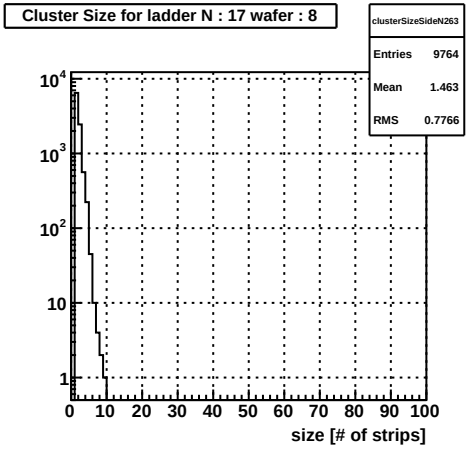

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 11117
Mean 1.424
RMS 0.7768
size [# of strips]

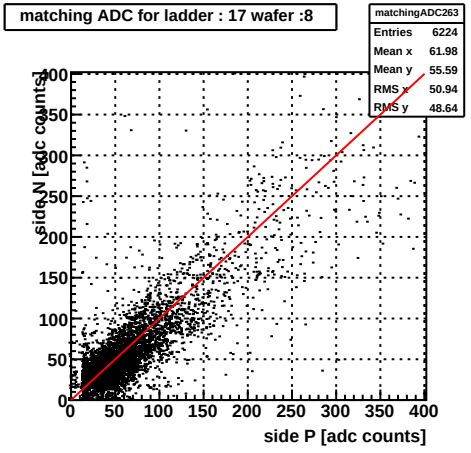

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 7178
Mean x 66.37
Mean y 63.07
RMS x 53.65
RMS y 51.31
side N [adc counts]
side P [adc counts]

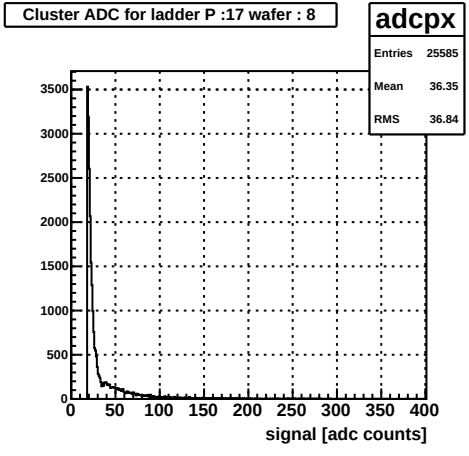

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 13954
Mean 54.73
RMS 51.56
signal [adc counts]

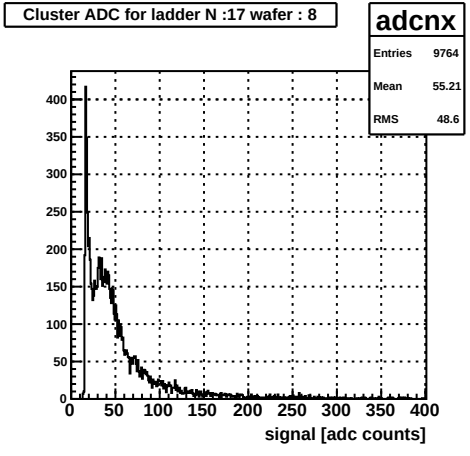

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 11117
Mean 54.81
RMS 50.29
signal [adc counts]

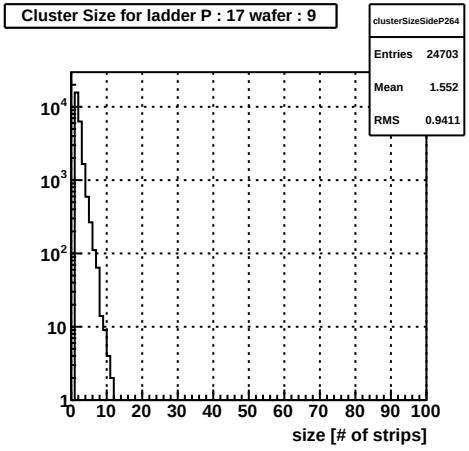

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 25585
Mean 1.124
RMS 0.405
size [# of strips]

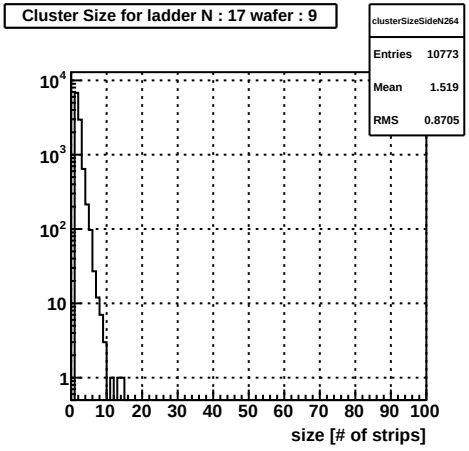

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 9764
Mean 1.463
RMS 0.7766
size [# of strips]

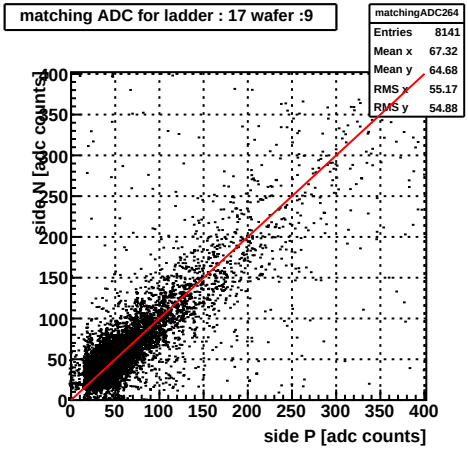

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 6224
Mean x 61.98
Mean y 55.59
RMS x 50.94
RMS y 48.64
side N [adc counts]
side P [adc counts]

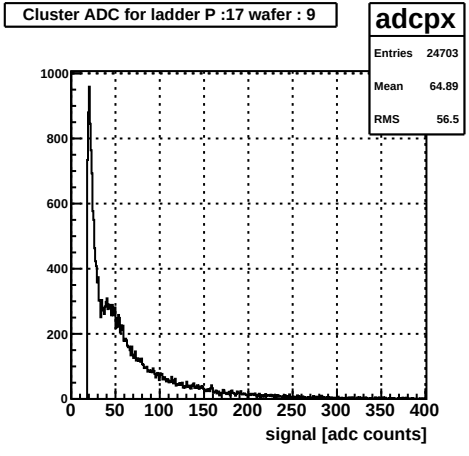

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 25585
Mean 36.35
RMS 36.84
signal [adc counts]

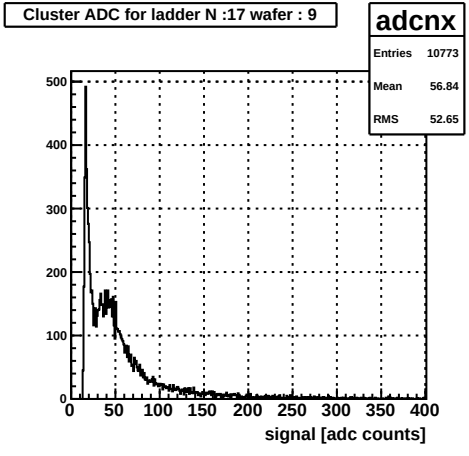

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 9764
Mean 55.21
RMS 48.6
signal [adc counts]

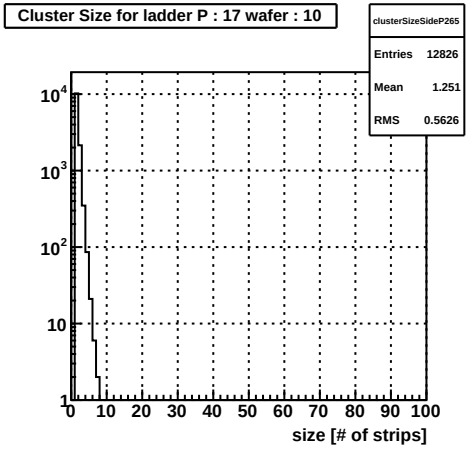

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 24703
Mean 1.552
RMS 0.9411
size [# of strips]

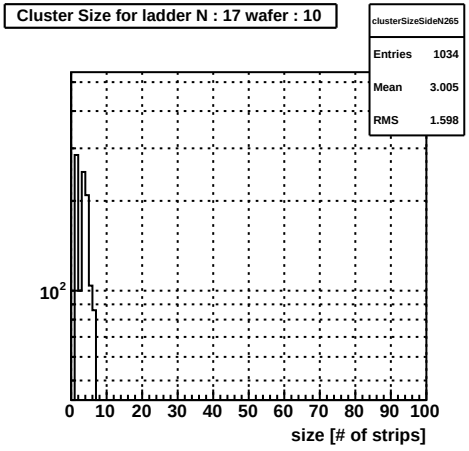

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 10773
Mean 1.519
RMS 0.8705
size [# of strips]

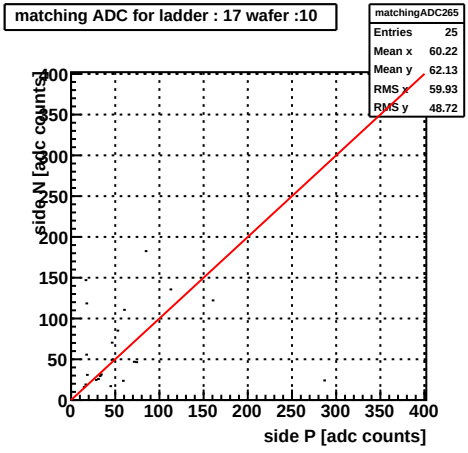

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 8141
Mean x 67.32
Mean y 64.68
RMS x 55.17
RMS y 54.88
side N [adc counts]
side P [adc counts]

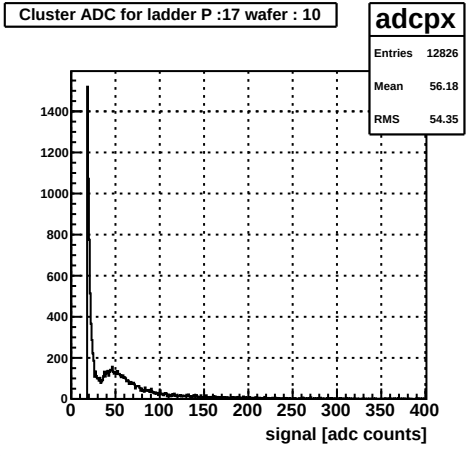

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 24703
Mean 64.89
RMS 56.5
signal [adc counts]

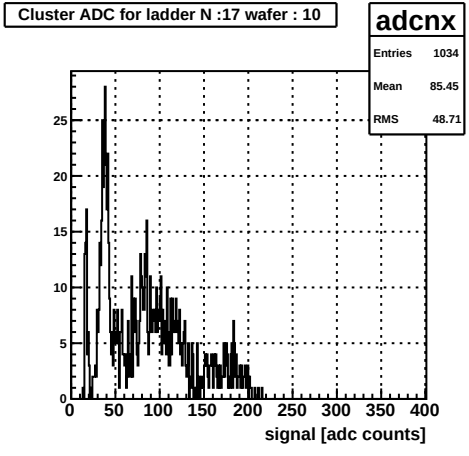

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 10773
Mean 56.84
RMS 52.65
signal [adc counts]

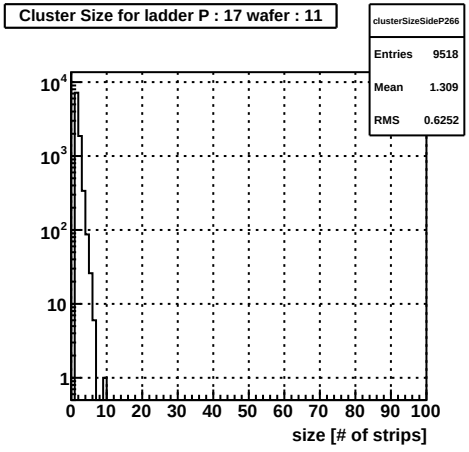

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 12826
Mean 1.251
RMS 0.5626
size [# of strips]

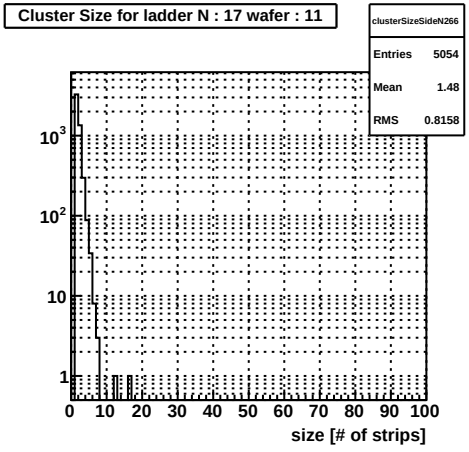

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 1034
Mean 3.005
RMS 1.598
size [# of strips]

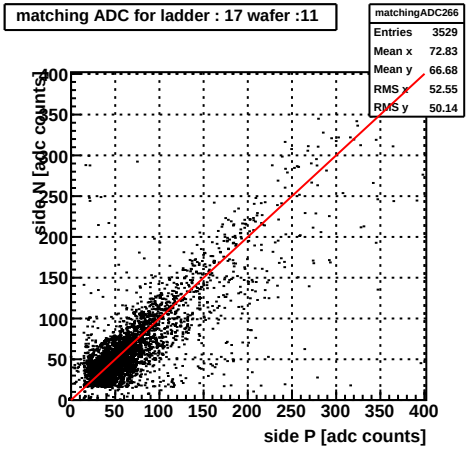

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 25
Mean x 60.22
Mean y 62.13
RMS x 59.93
RMS y 48.72
side N [adc counts]
side P [adc counts]

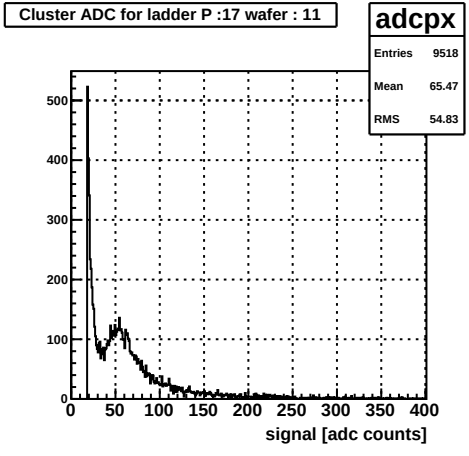

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 12826
Mean 56.18
RMS 54.35
signal [adc counts]

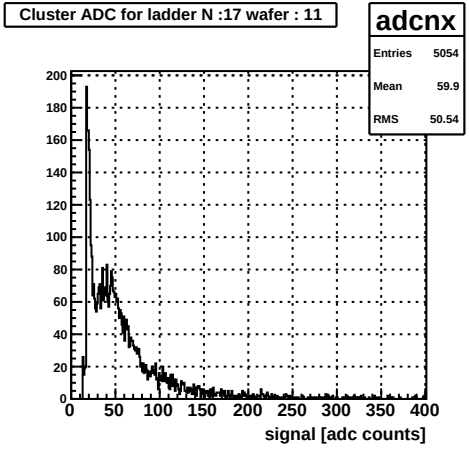

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 1034
Mean 85.45
RMS 48.71
signal [adc counts]

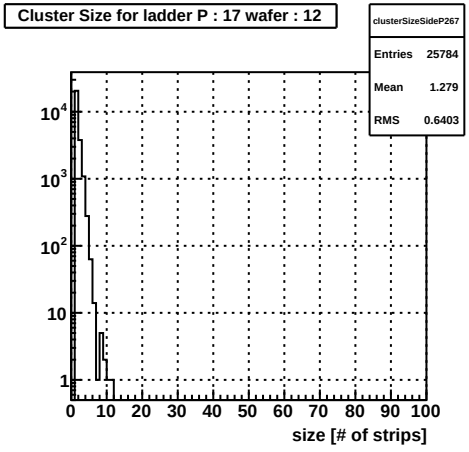

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 9518
Mean 1.309
RMS 0.6252
size [# of strips]

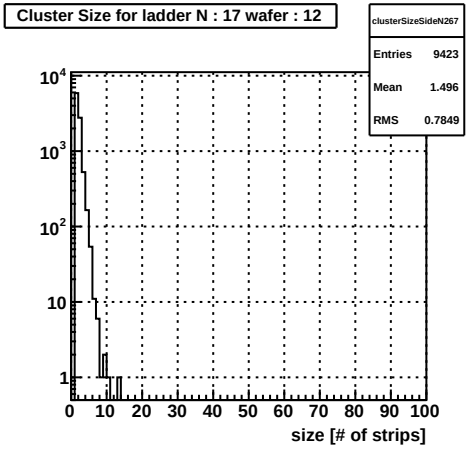

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 5054
Mean 1.48
RMS 0.8158
size [# of strips]

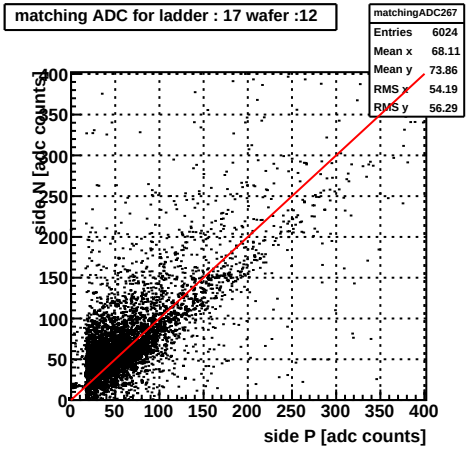

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 3529
Mean x 72.83
Mean y 66.68
RMS x 52.55
RMS y 50.14
side N [adc counts]
side P [adc counts]

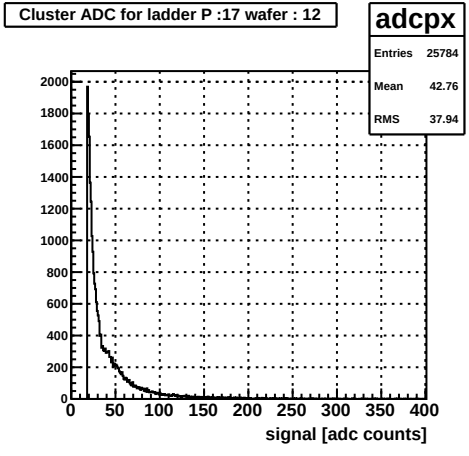

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 9518
Mean 65.47
RMS 54.83
signal [adc counts]

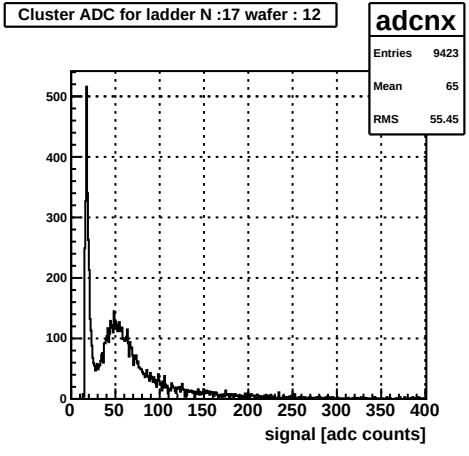

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 5054
Mean 59.9
RMS 50.54
signal [adc counts]

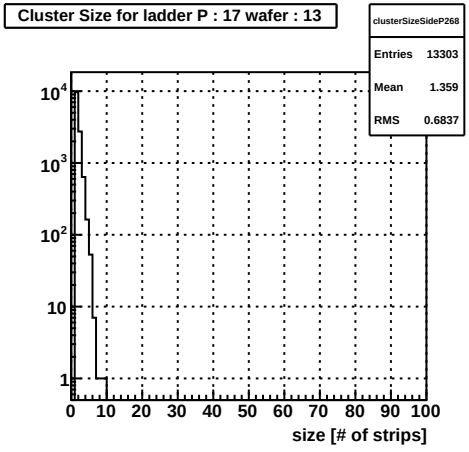

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 25784
Mean 1.279
RMS 0.6403
size [# of strips]

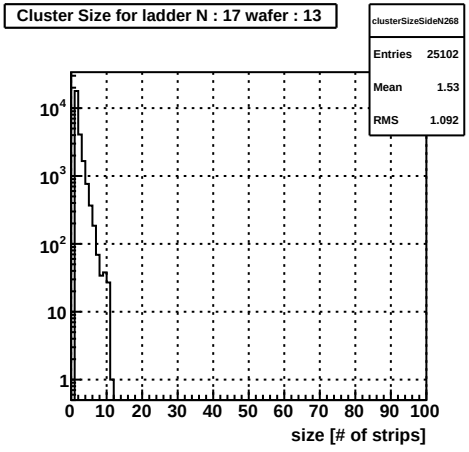

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 9423
Mean 1.496
RMS 0.7849
size [# of strips]

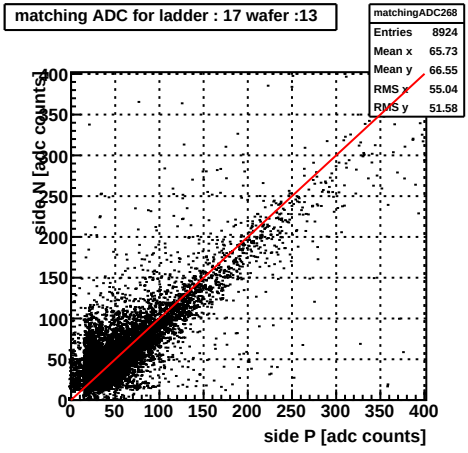

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 6024
Mean x 68.11
Mean y 73.86
RMS x 54.19
RMS y 56.29
side N [adc counts]
side P [adc counts]

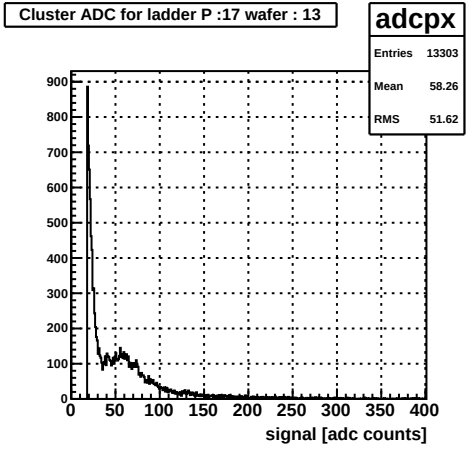

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 25784
Mean 42.76
RMS 37.94
signal [adc counts]

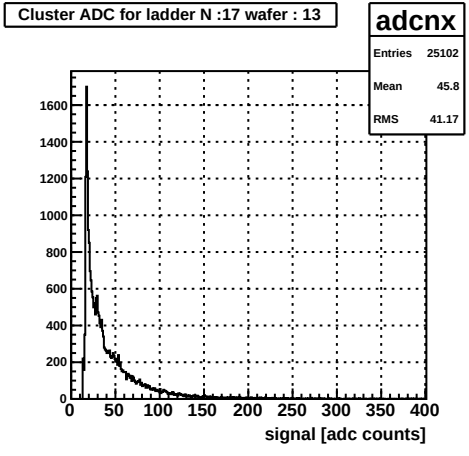

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 9423
Mean 65
RMS 55.45
signal [adc counts]

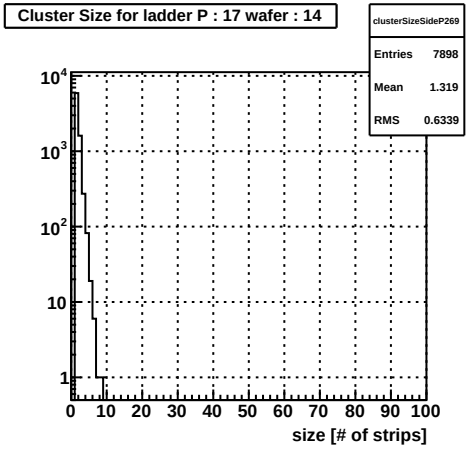

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 13303
Mean 1.359
RMS 0.6837
size [# of strips]

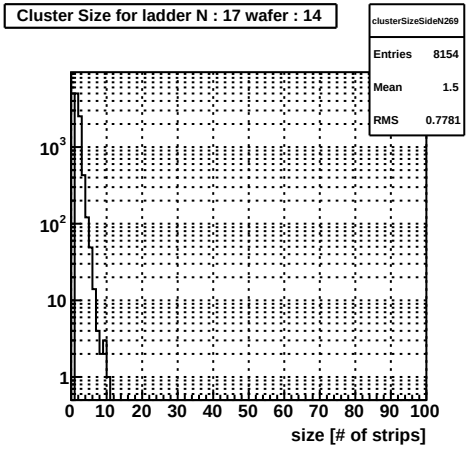

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 25102
Mean 1.53
RMS 1.092
size [# of strips]

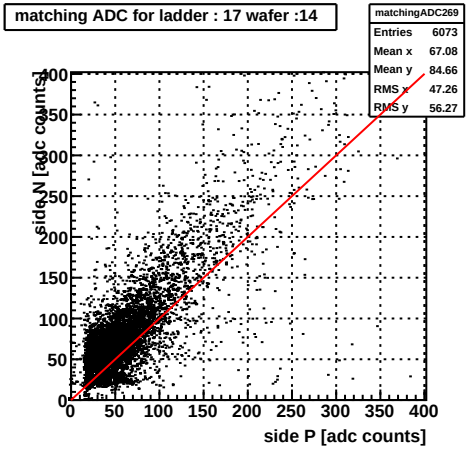

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 8924
Mean x 65.73
Mean y 66.55
RMS x 55.04
RMS y 51.58
side N [adc counts]
side P [adc counts]

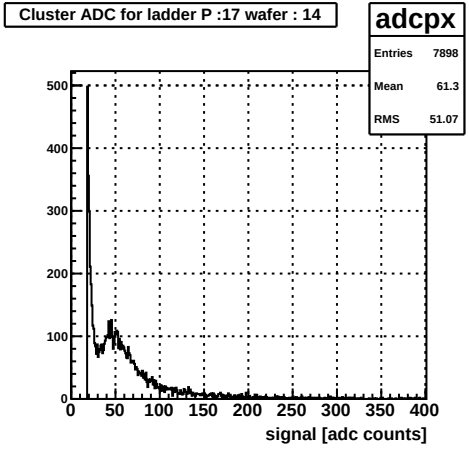

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 13303
Mean 58.26
RMS 51.62
signal [adc counts]

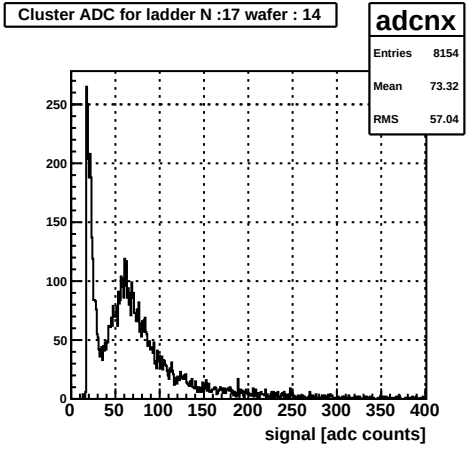

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 25102
Mean 45.8
RMS 41.17
signal [adc counts]

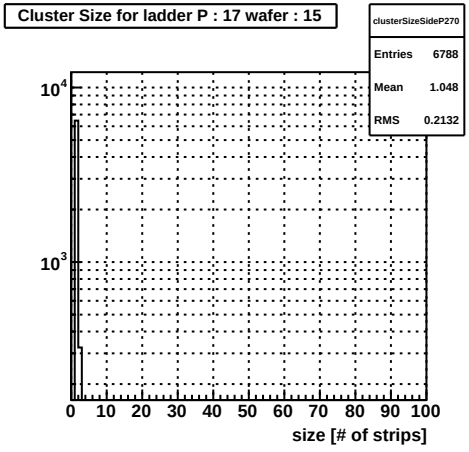

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 7898
Mean 1.319
RMS 0.6339
size [# of strips]

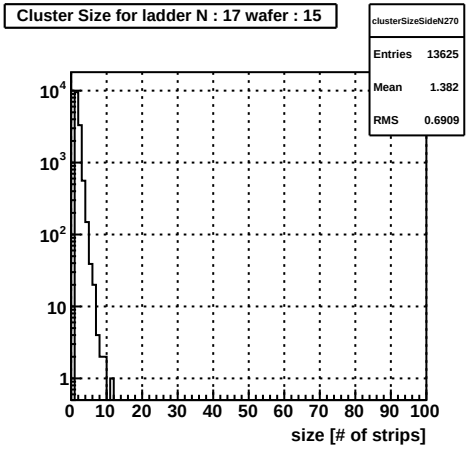

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 8154
Mean 1.5
RMS 0.7781
size [# of strips]

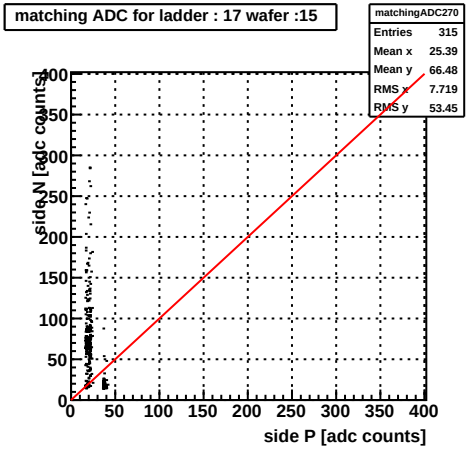

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 6073
Mean x 67.08
Mean y 84.66
RMS x 47.26
RMS y 56.27
side N [adc counts]
side P [adc counts]

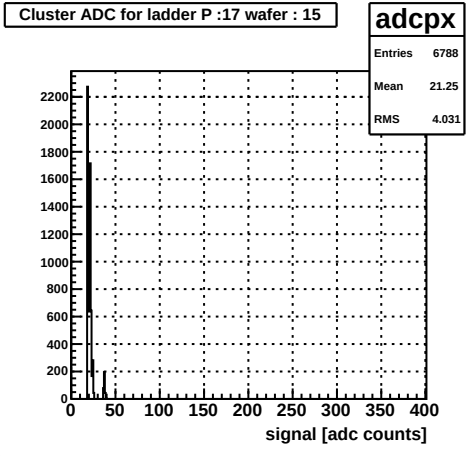

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 7898
Mean 61.3
RMS 51.07
signal [adc counts]

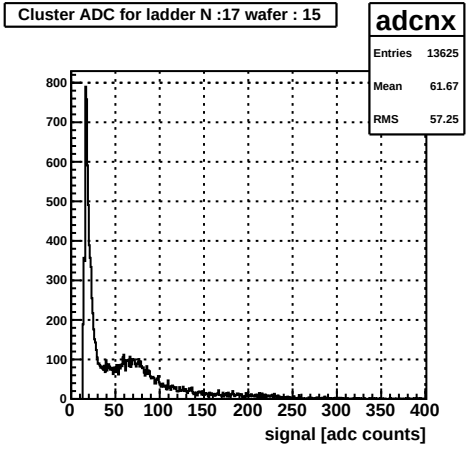

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 8154
Mean 73.32
RMS 57.04
signal [adc counts]

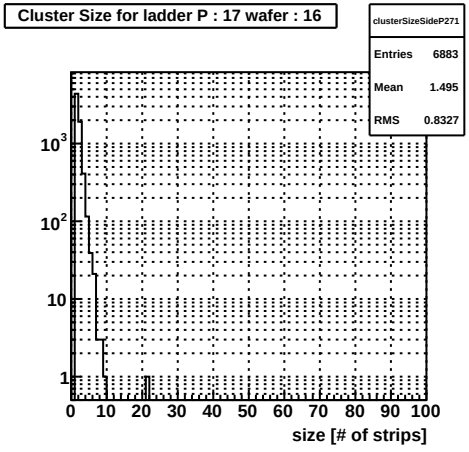

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 6788
Mean 1.048
RMS 0.2132
size [# of strips]

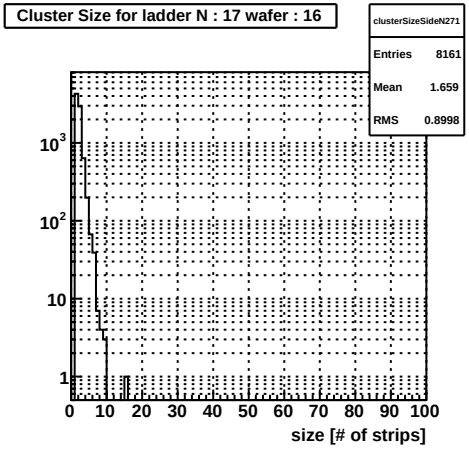

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 13625
Mean 1.382
RMS 0.6909
size [# of strips]

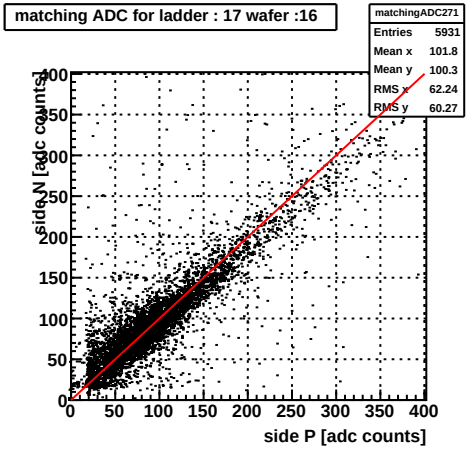

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 315
Mean x 25.39
Mean y 66.48
RMS x 7.719
RMS y 53.45
side N [adc counts]
side P [adc counts]

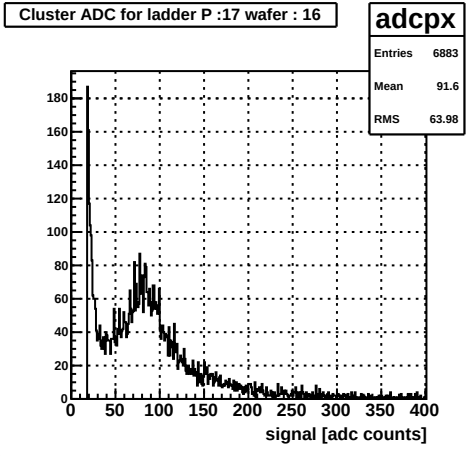

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 6788
Mean 21.25
RMS 4.031
signal [adc counts]

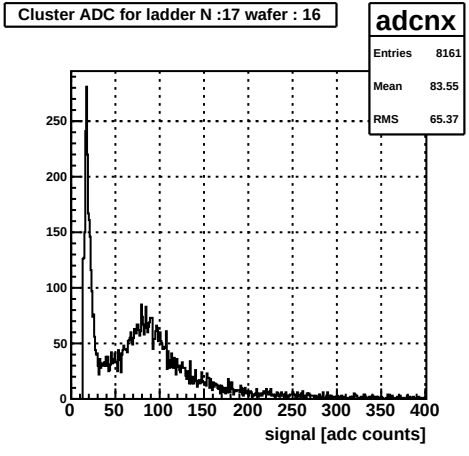

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 13625
Mean 61.67
RMS 57.25
signal [adc counts]

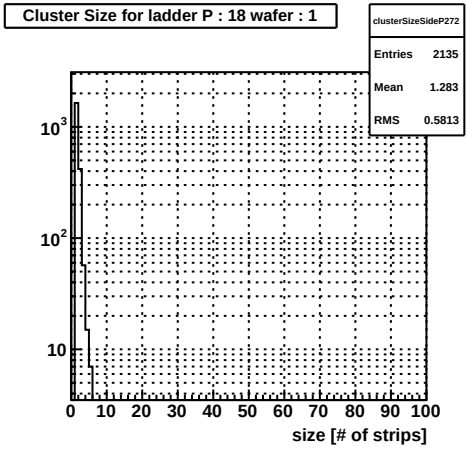

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 6883
Mean 1.495
RMS 0.8327
size [# of strips]

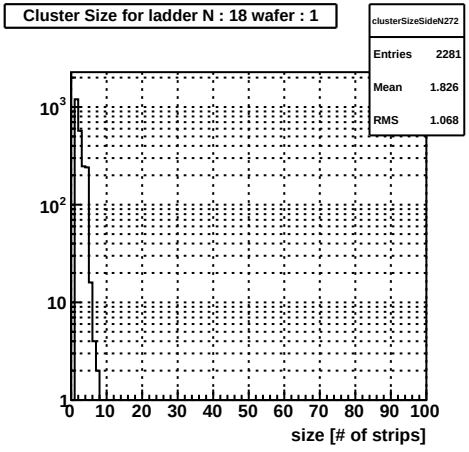

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 8161
Mean 1.659
RMS 0.8998
size [# of strips]

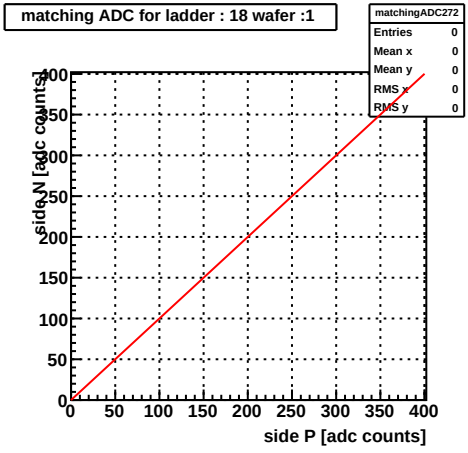

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 5931
Mean x 101.8
Mean y 100.3
RMS x 62.24
RMS y 60.27
side N [adc counts]
side P [adc counts]

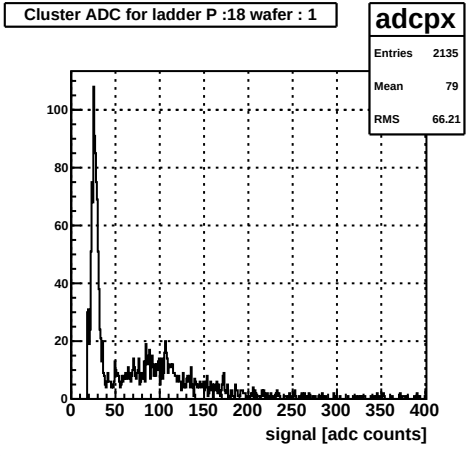

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 6883
Mean 91.6
RMS 63.98
signal [adc counts]

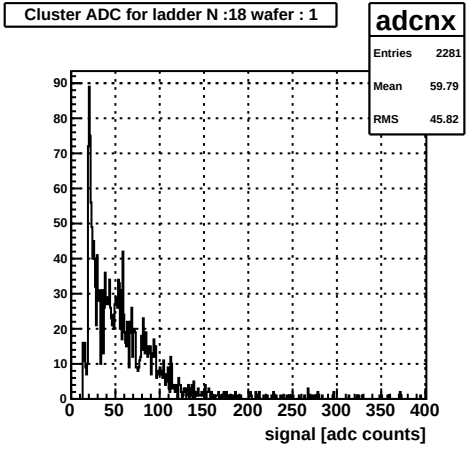

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 8161
Mean 83.55
RMS 65.37
signal [adc counts]

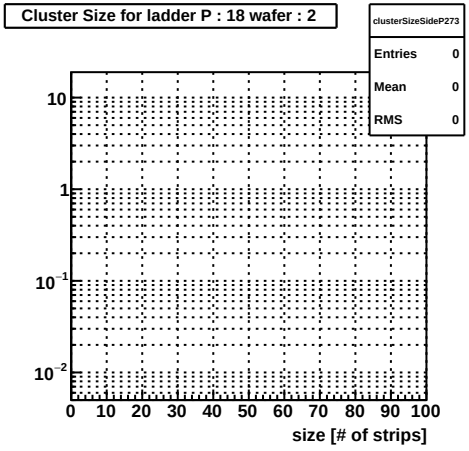

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 2135
Mean 1.283
RMS 0.5813
size [# of strips]

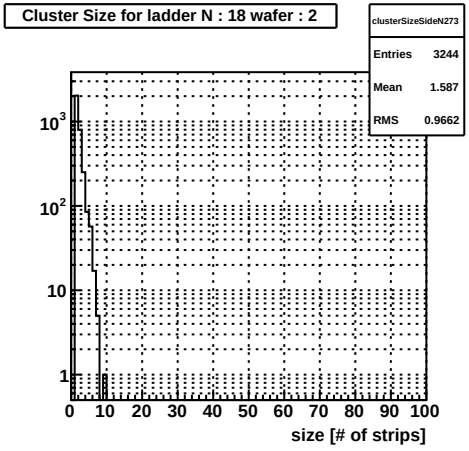

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 2281
Mean 1.826
RMS 1.068
size [# of strips]

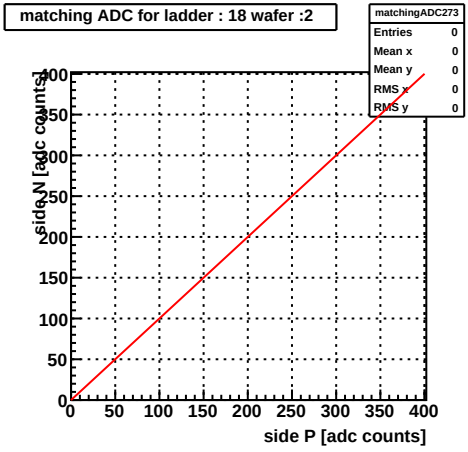

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

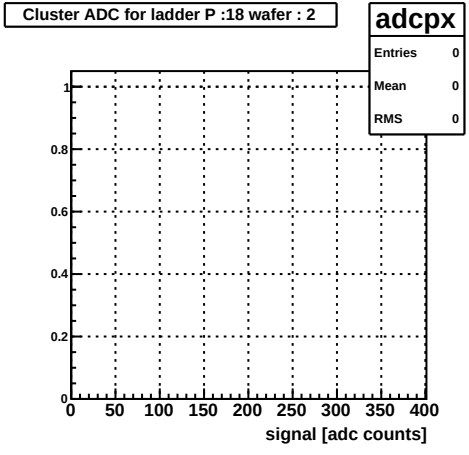

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 2135
Mean 79
RMS 66.21
signal [adc counts]

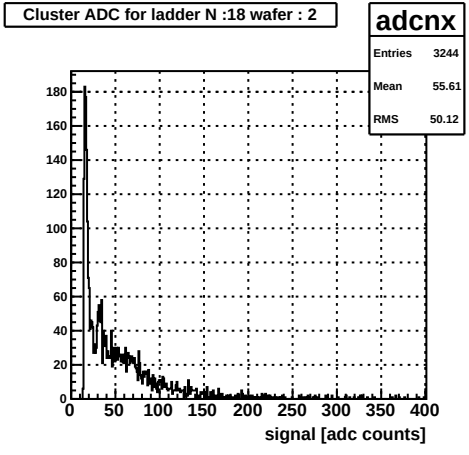

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 2281
Mean 59.79
RMS 45.82
signal [adc counts]

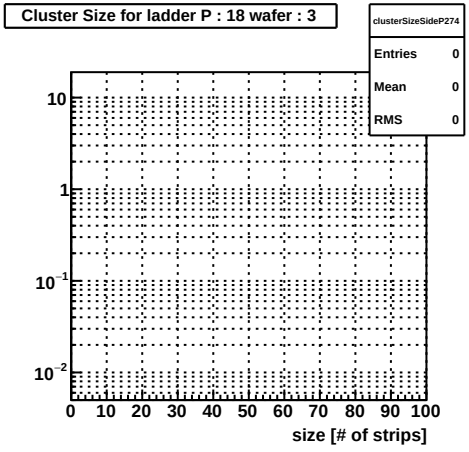

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

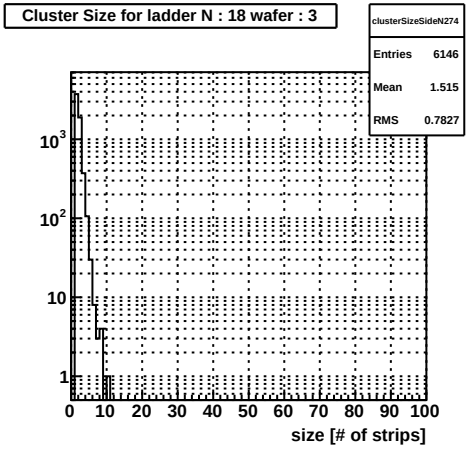

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 3244
Mean 1.587
RMS 0.9662
size [# of strips]

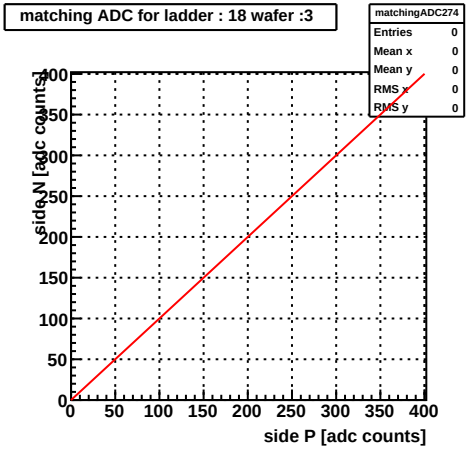

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

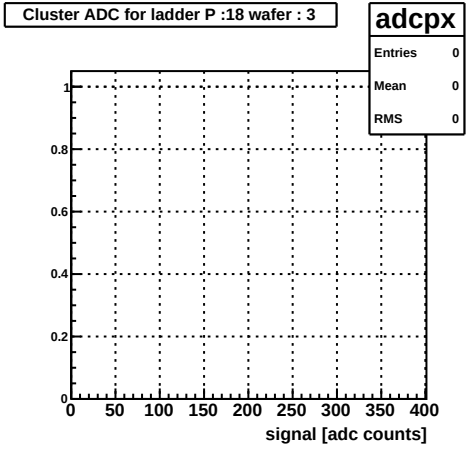

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

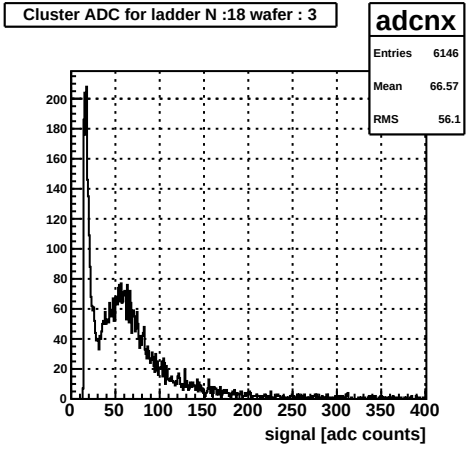

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 3244
Mean 55.61
RMS 50.12
signal [adc counts]

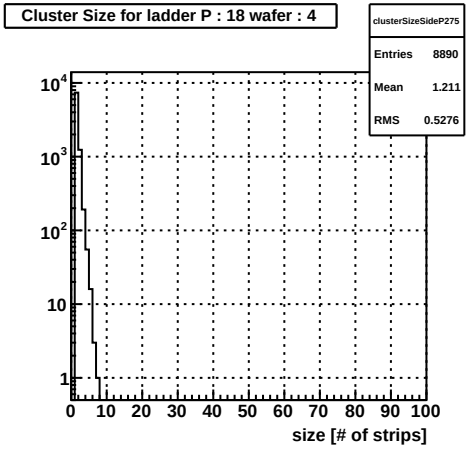

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

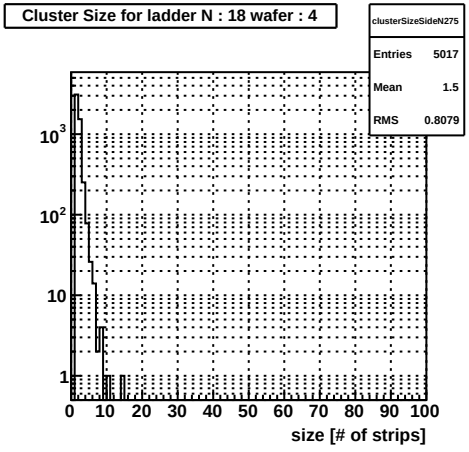

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 6146
Mean 1.515
RMS 0.7827
size [# of strips]

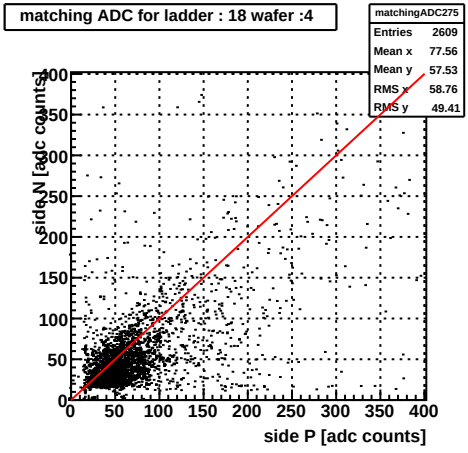

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

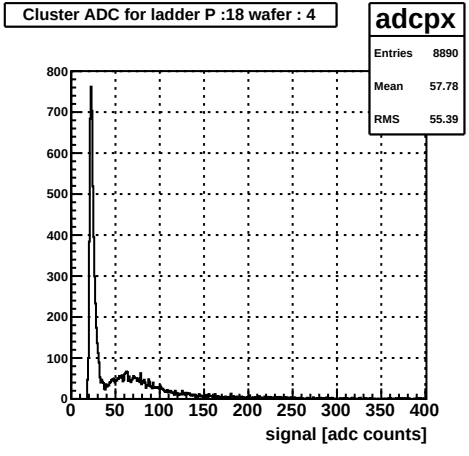

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

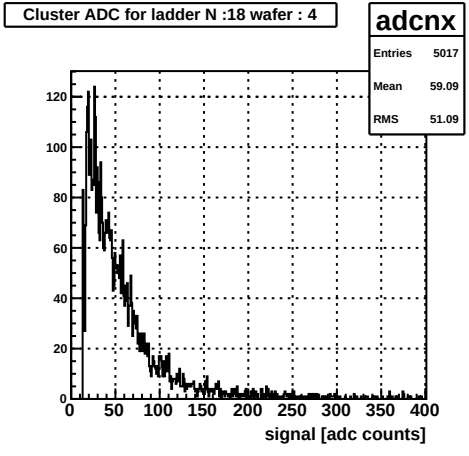

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 6146
Mean 66.57
RMS 56.1
signal [adc counts]

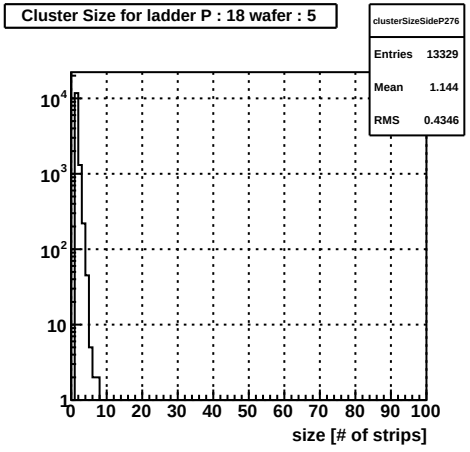

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 8890
Mean 1.211
RMS 0.5276
size [# of strips]

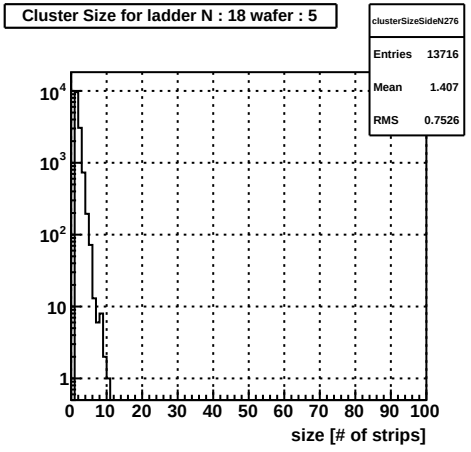

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 5017
Mean 1.5
RMS 0.8079
size [# of strips]

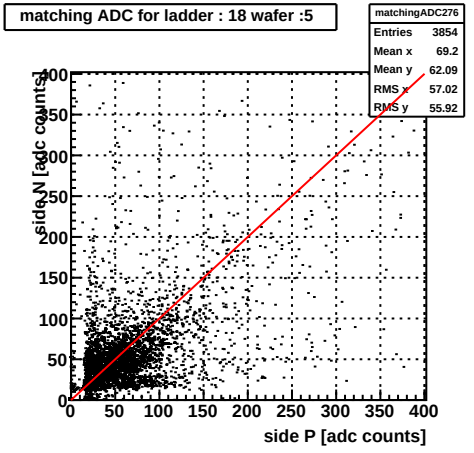

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 2609
Mean x 77.56
Mean y 57.53
RMS x 58.76
RMS y 49.41
side N [adc counts]
side P [adc counts]

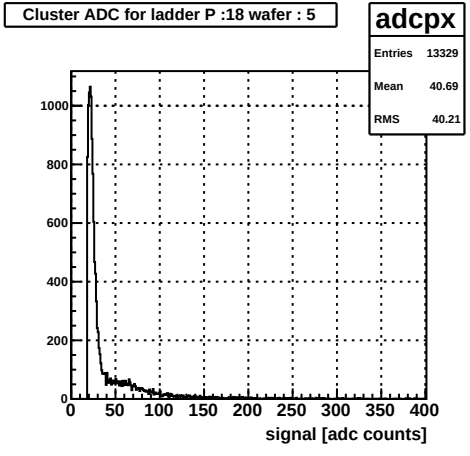

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 8890
Mean 57.78
RMS 55.39
signal [adc counts]

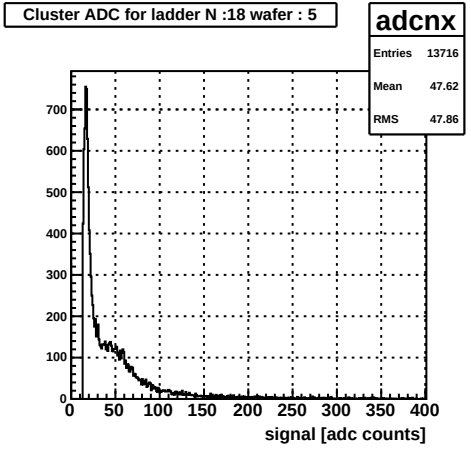

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 5017
Mean 59.09
RMS 51.09
signal [adc counts]

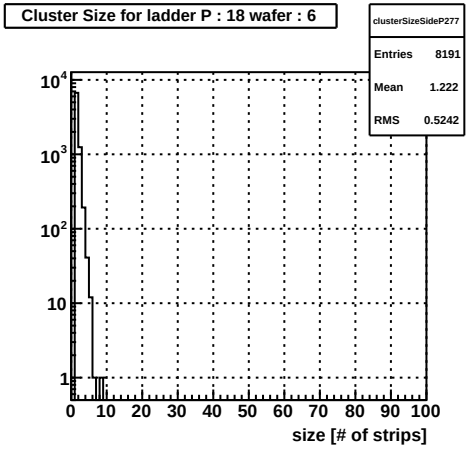

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 13329
Mean 1.144
RMS 0.4346
size [# of strips]

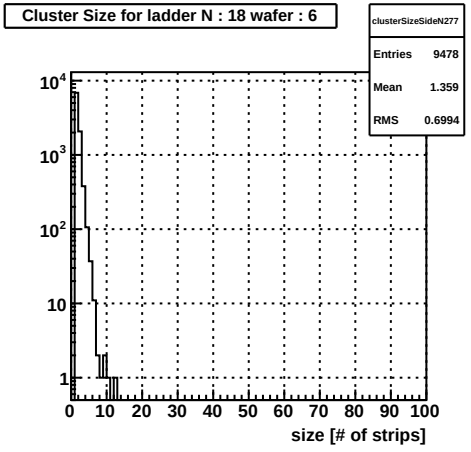

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 13716
Mean 1.407
RMS 0.7526
size [# of strips]

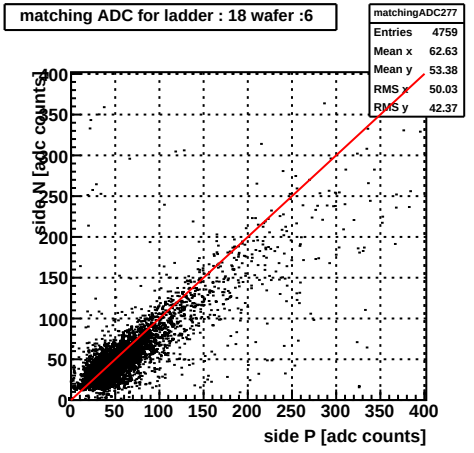

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 3854
Mean x 69.2
Mean y 62.09
RMS x 57.02
RMS y 55.92
side N [adc counts]
side P [adc counts]

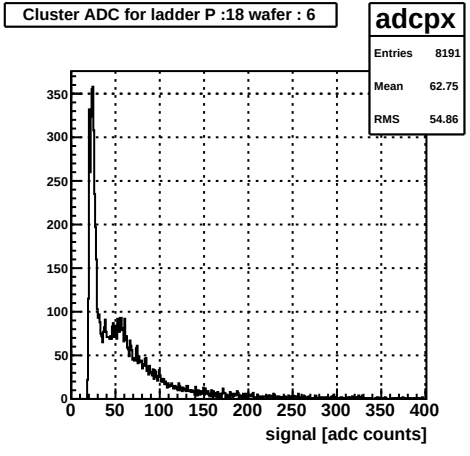

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 13329
Mean 40.69
RMS 40.21
signal [adc counts]

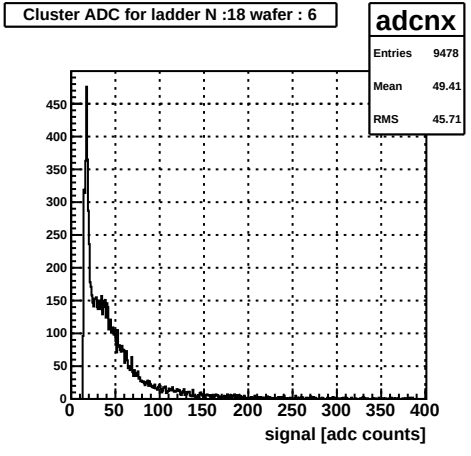

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 13716
Mean 47.62
RMS 47.86
signal [adc counts]

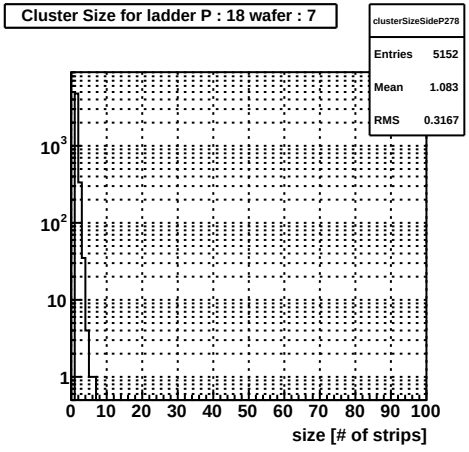

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 8191
Mean 1.222
RMS 0.5242
size [# of strips]

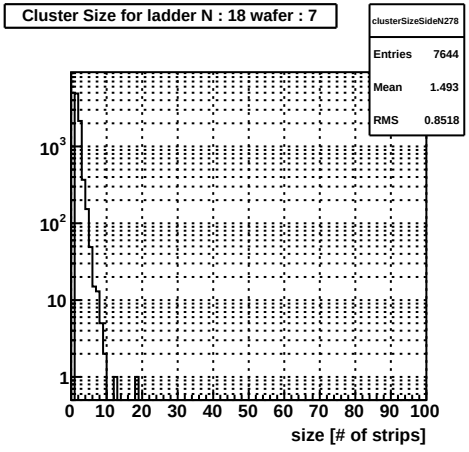

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 9478
Mean 1.359
RMS 0.6994
size [# of strips]

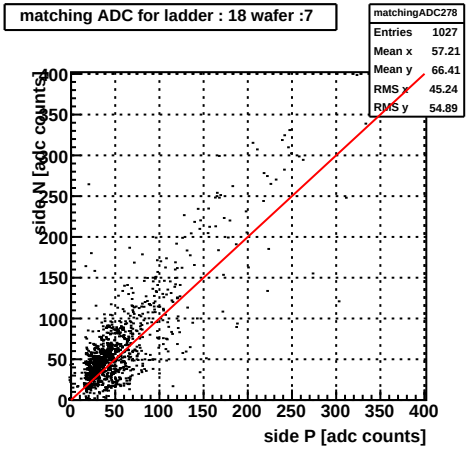

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 4759
Mean x 62.63
Mean y 53.38
RMS x 50.03
RMS y 42.37
side N [adc counts]
side P [adc counts]

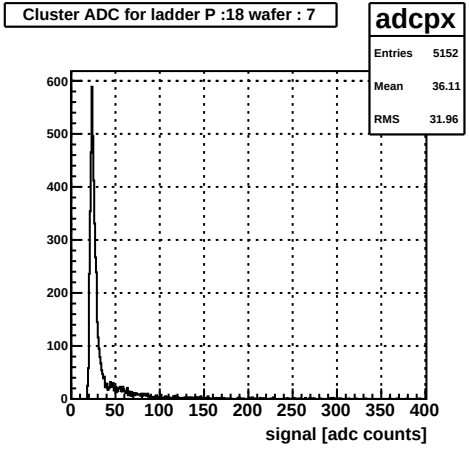

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 8191
Mean 62.75
RMS 54.86
signal [adc counts]

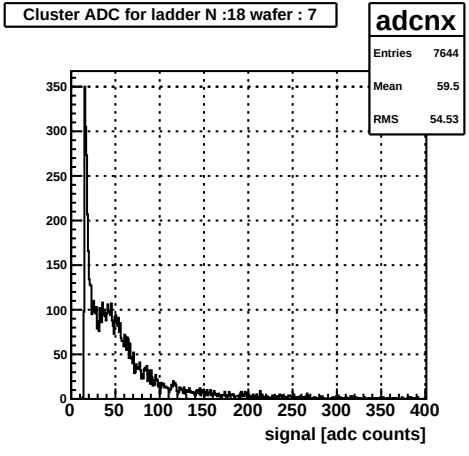

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 9478
Mean 49.41
RMS 45.71
signal [adc counts]

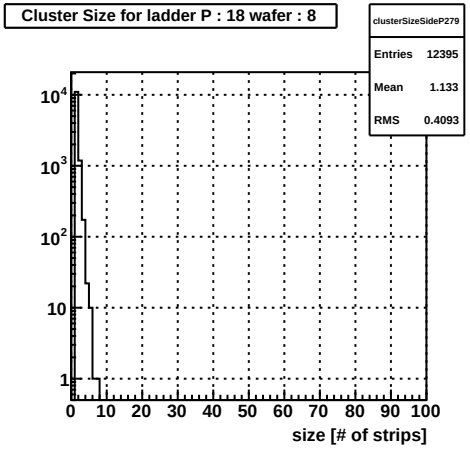

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 5152
Mean 1.083
RMS 0.3167
size [# of strips]

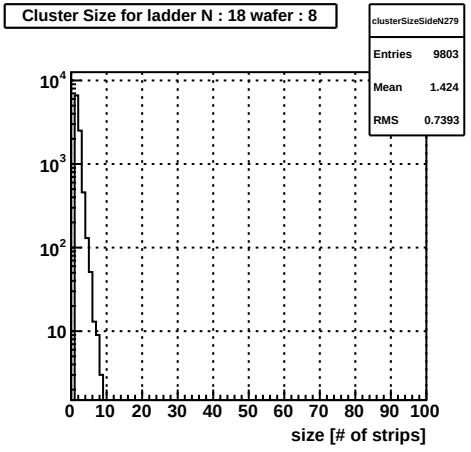

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 7644
Mean 1.493
RMS 0.8518
size [# of strips]

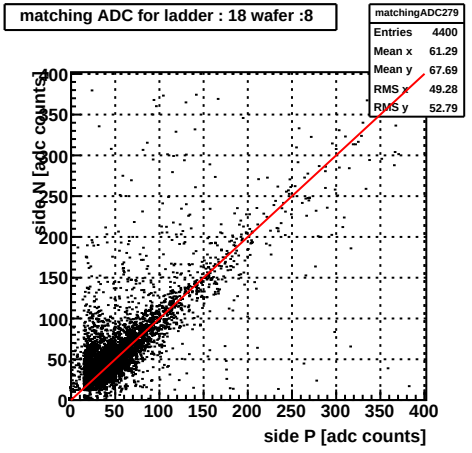

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 1027
Mean x 57.21
Mean y 66.41
RMS x 45.24
RMS y 54.89
side N [adc counts]
side P [adc counts]

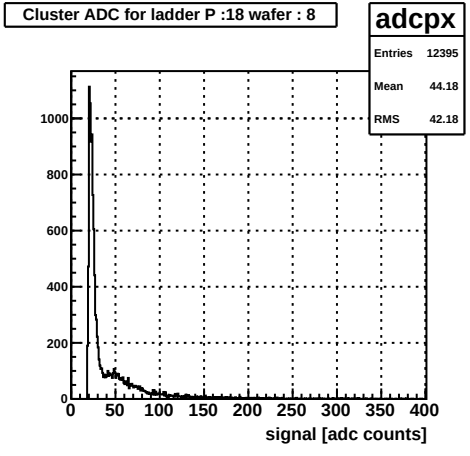

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 5152
Mean 36.11
RMS 31.96
signal [adc counts]

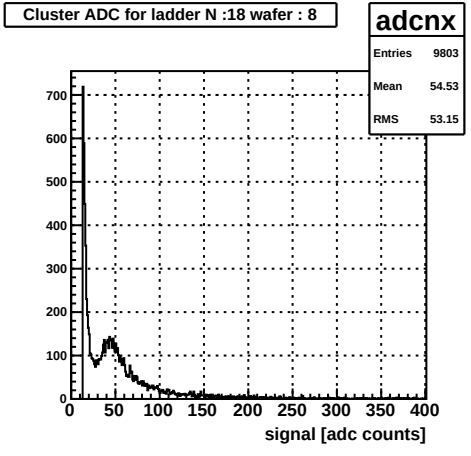

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 7644
Mean 59.5
RMS 54.53
signal [adc counts]

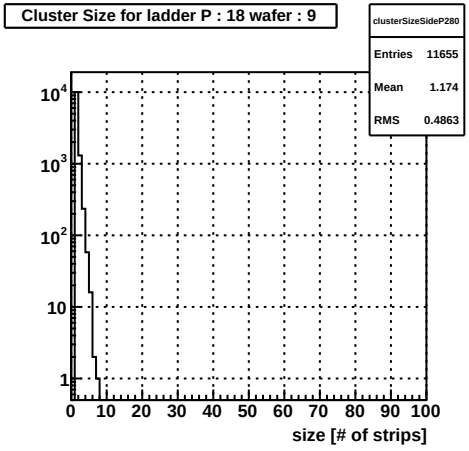

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 12395
Mean 1.133
RMS 0.4093
size [# of strips]

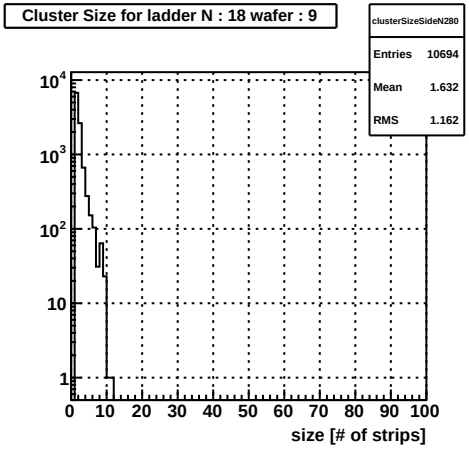

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 9803
Mean 1.424
RMS 0.7393
size [# of strips]

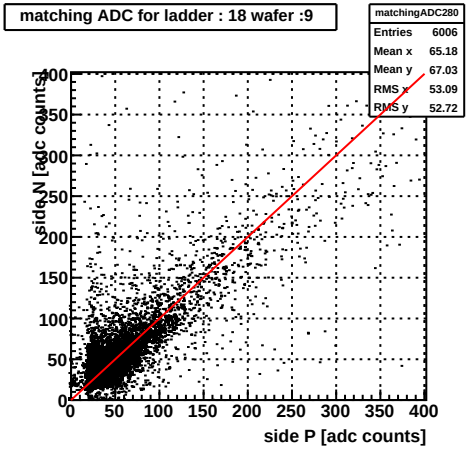

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 4400
Mean x 61.29
Mean y 67.69
RMS x 49.28
RMS y 52.79
side N [adc counts]
side P [adc counts]

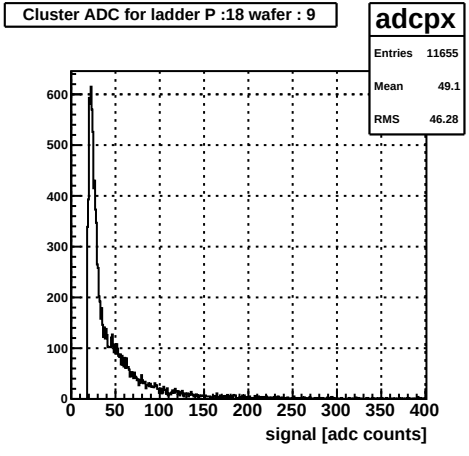

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 12395
Mean 44.18
RMS 42.18
signal [adc counts]

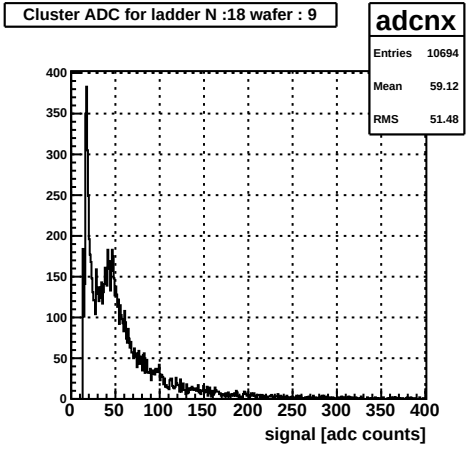

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 9803
Mean 54.53
RMS 53.15
signal [adc counts]

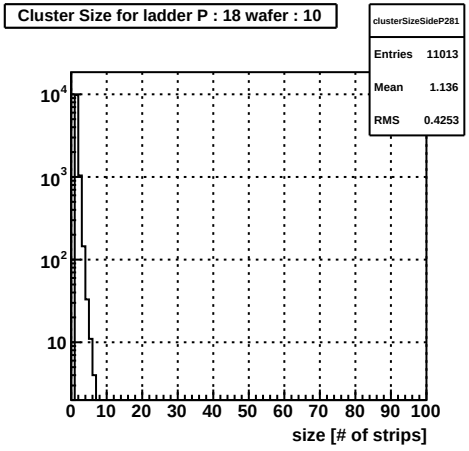

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 11655
Mean 1.174
RMS 0.4863
size [# of strips]

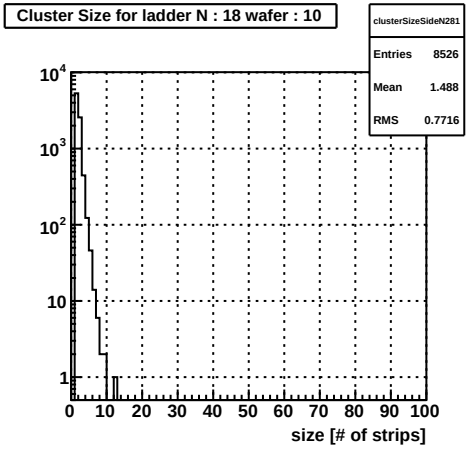

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 10694
Mean 1.632
RMS 1.162
size [# of strips]

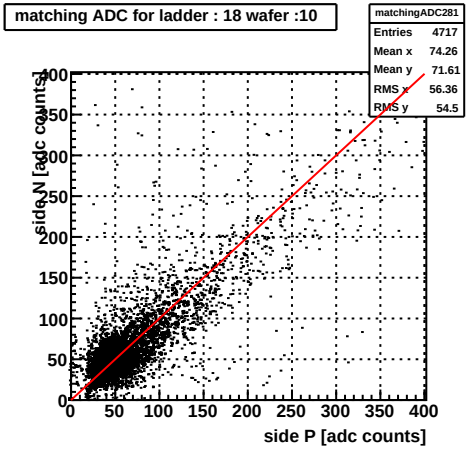

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 6006
Mean x 65.18
Mean y 67.03
RMS x 53.09
RMS y 52.72
side N [adc counts]
side P [adc counts]

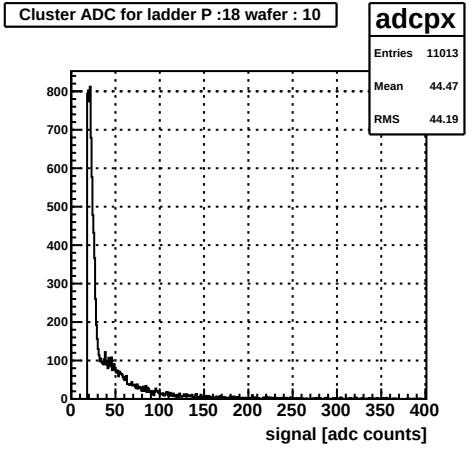

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 11655
Mean 49.1
RMS 46.28
signal [adc counts]

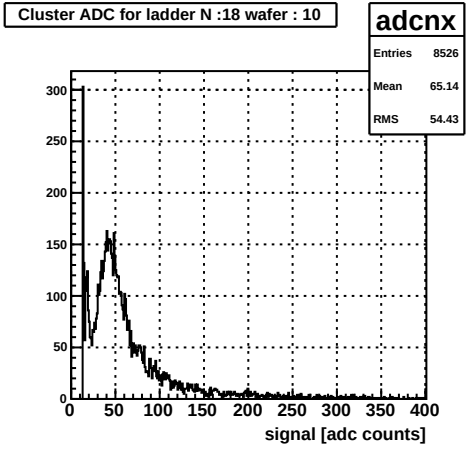

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 10694
Mean 59.12
RMS 51.48
signal [adc counts]

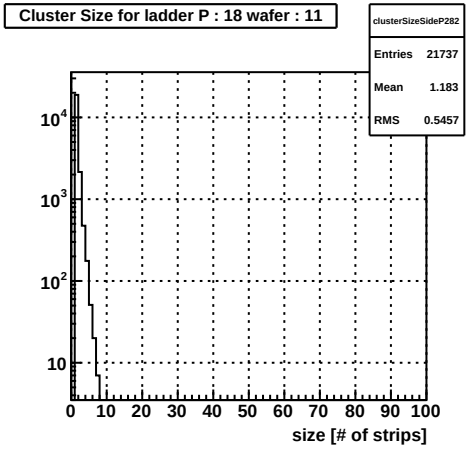

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 11013
Mean 1.136
RMS 0.4253
size [# of strips]

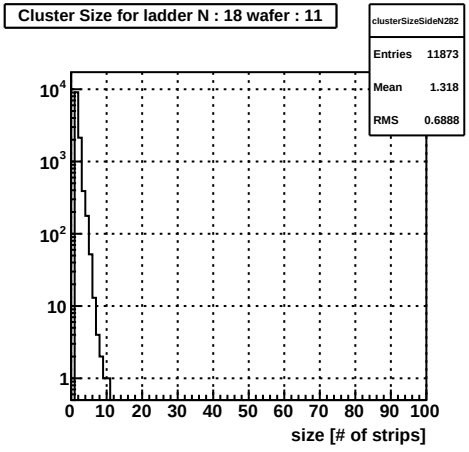

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 8526
Mean 1.488
RMS 0.7716
size [# of strips]

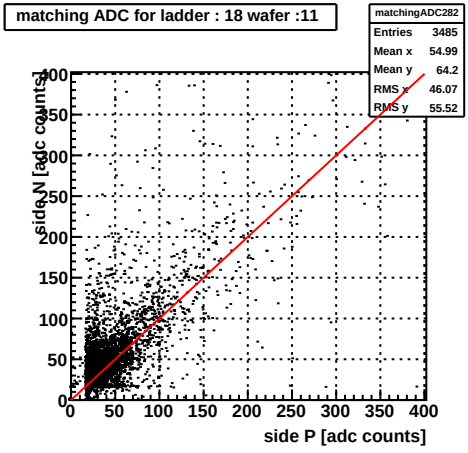

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 4717
Mean x 74.26
Mean y 71.61
RMS x 56.36
RMS y 54.5
side N [adc counts]
side P [adc counts]

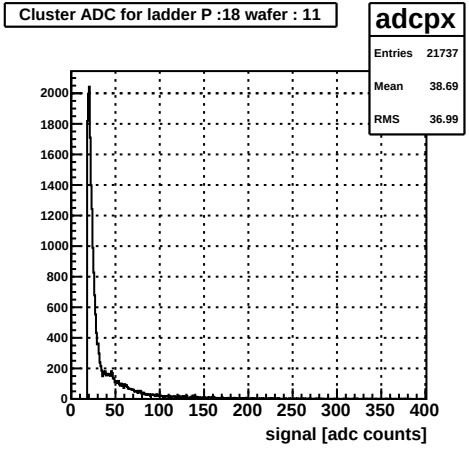

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 11013
Mean 44.47
RMS 44.19
signal [adc counts]

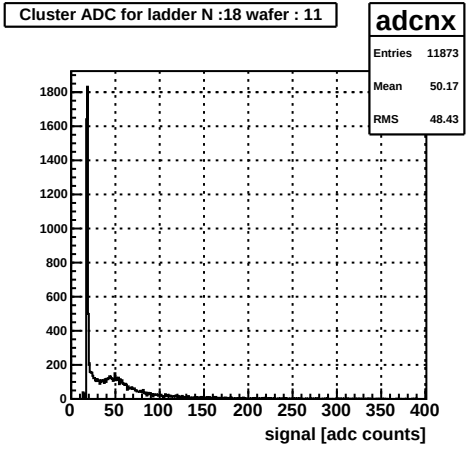

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 8526
Mean 65.14
RMS 54.43
signal [adc counts]

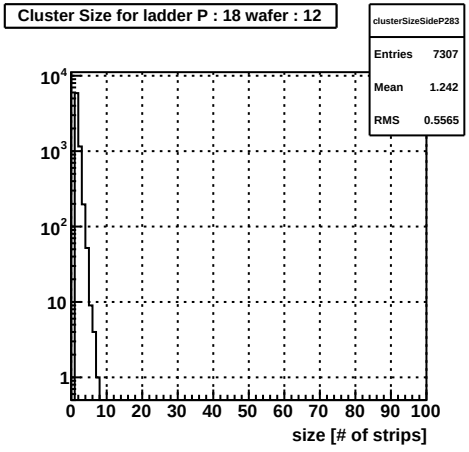

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 21737
Mean 1.183
RMS 0.5457
size [# of strips]

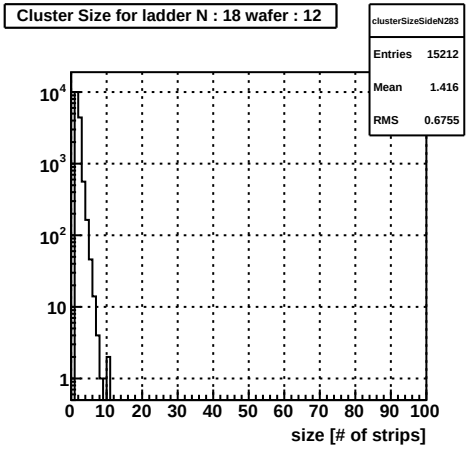

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 11873
Mean 1.318
RMS 0.6888
size [# of strips]

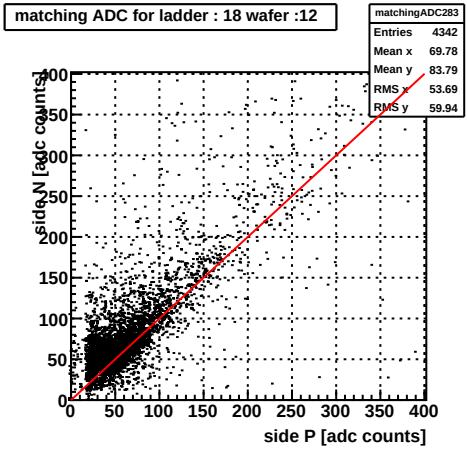

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 3485
Mean x 54.99
Mean y 64.2
RMS x 46.07
RMS y 55.52
side N [adc counts]
side P [adc counts]

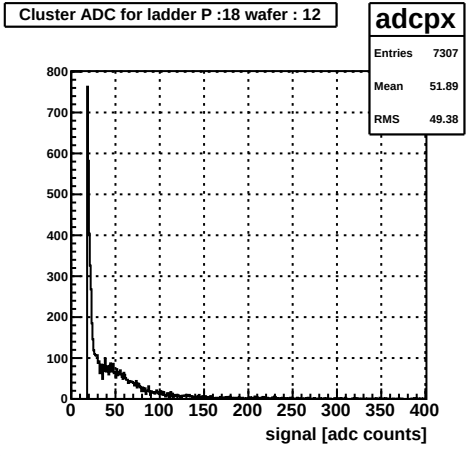

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 21737
Mean 38.69
RMS 36.99
signal [adc counts]

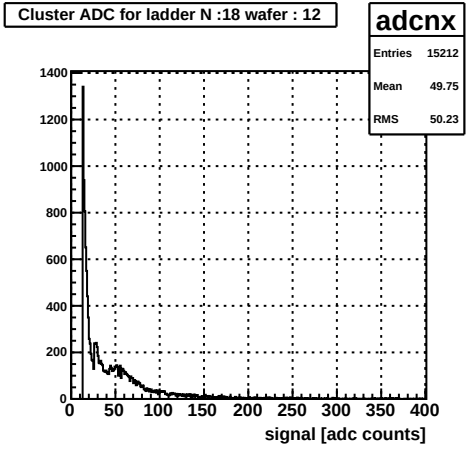

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 11873
Mean 50.17
RMS 48.43
signal [adc counts]

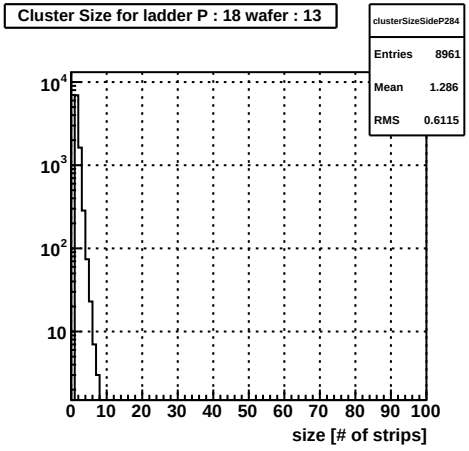

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 7307
Mean 1.242
RMS 0.5565
size [# of strips]

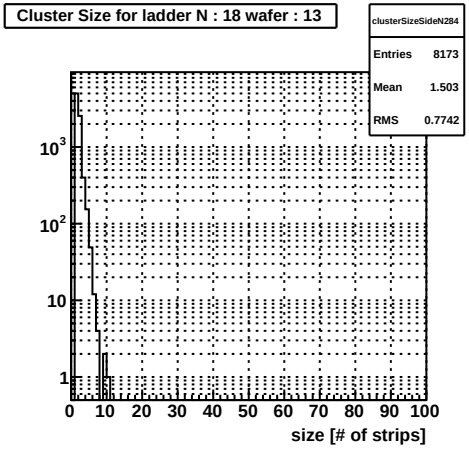

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 15212
Mean 1.416
RMS 0.6755
size [# of strips]

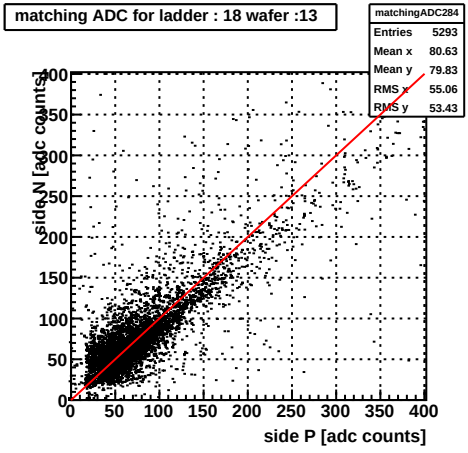

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 4342
Mean x 69.78
Mean y 83.79
RMS x 53.69
RMS y 59.94
side N [adc counts]
side P [adc counts]

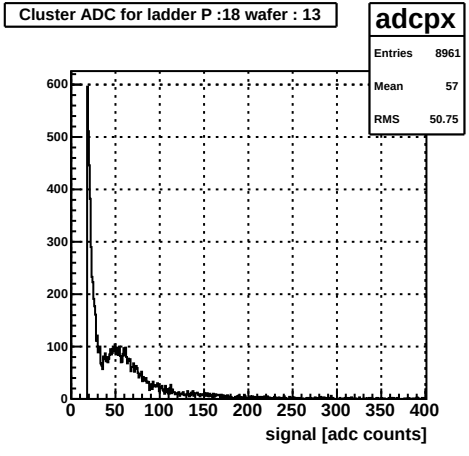

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 7307
Mean 51.89
RMS 49.38
signal [adc counts]

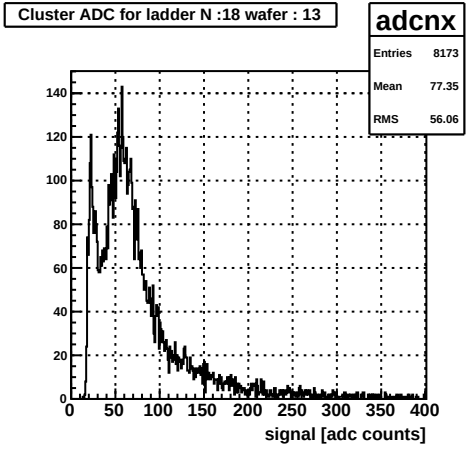

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 15212
Mean 49.75
RMS 50.23
signal [adc counts]

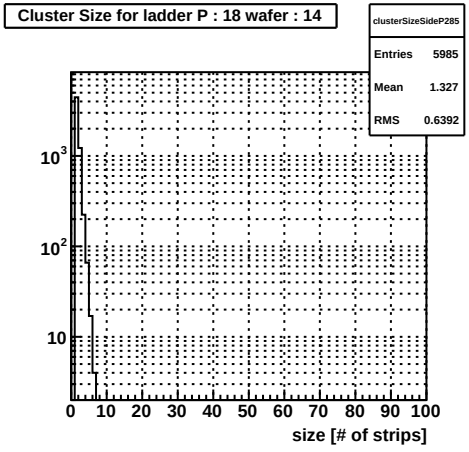

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 8961
Mean 1.286
RMS 0.6115
size [# of strips]

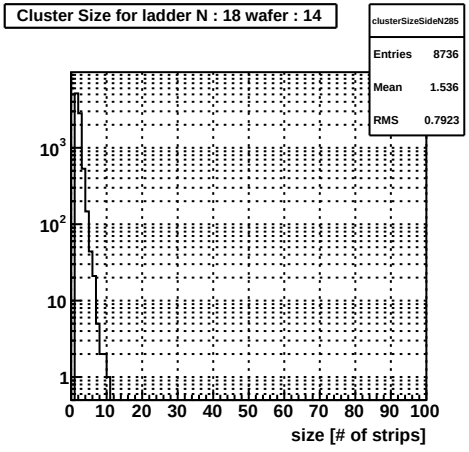

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 8173
Mean 1.503
RMS 0.7742
size [# of strips]

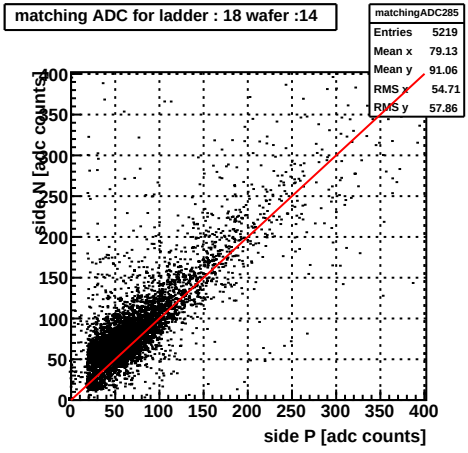

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 5293
Mean x 80.63
Mean y 79.83
RMS x 55.06
RMS y 53.43
side N [adc counts]
side P [adc counts]

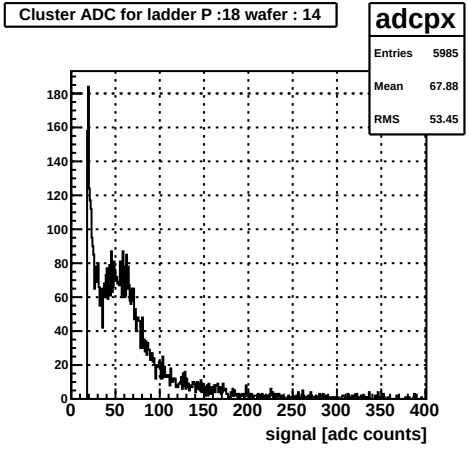

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 8961
Mean 57
RMS 50.75
signal [adc counts]

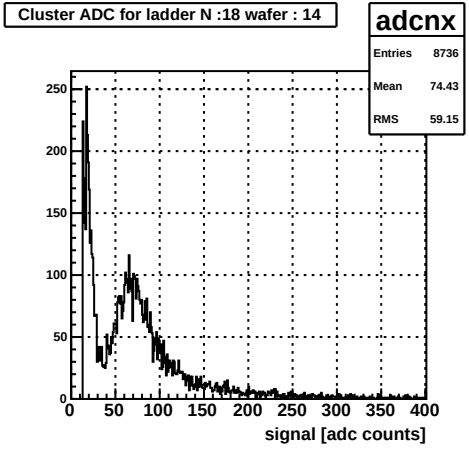

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 8173
Mean 77.35
RMS 56.06
signal [adc counts]

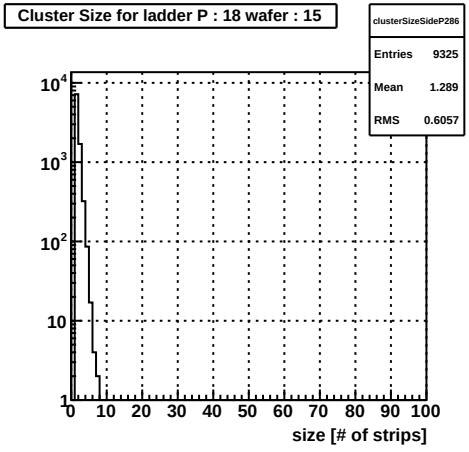

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 5985
Mean 1.327
RMS 0.6392
size [# of strips]

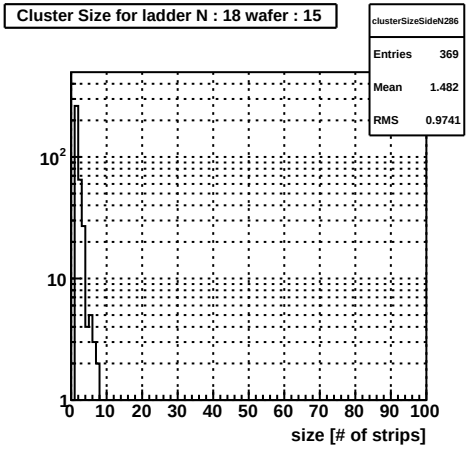

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 8736
Mean 1.536
RMS 0.7923
size [# of strips]

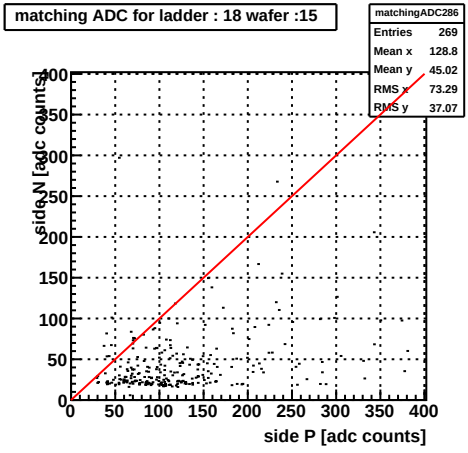

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 5219
Mean x 79.13
Mean y 91.06
RMS x 54.71
RMS y 57.86
side N [adc counts]
side P [adc counts]

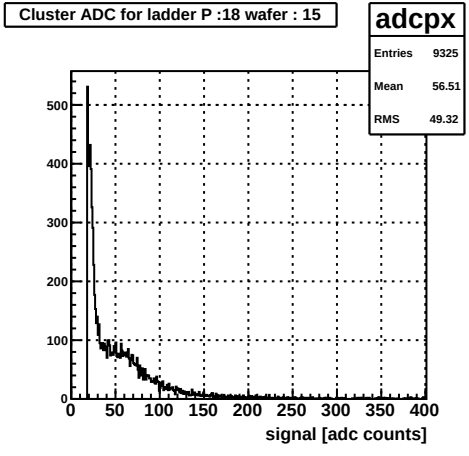

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 5985
Mean 67.88
RMS 53.45
signal [adc counts]

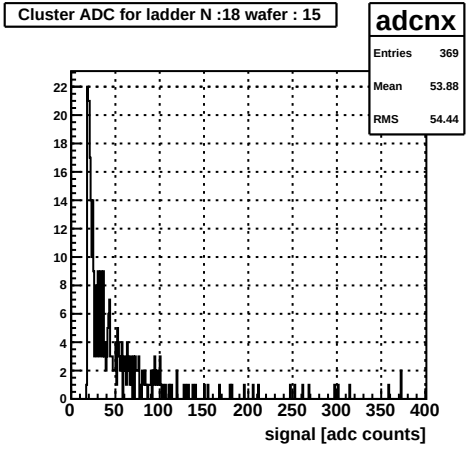

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 8736
Mean 74.43
RMS 59.15
signal [adc counts]

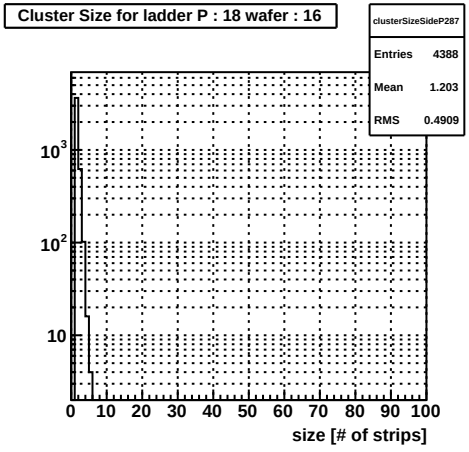

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 9325
Mean 1.289
RMS 0.6057
size [# of strips]

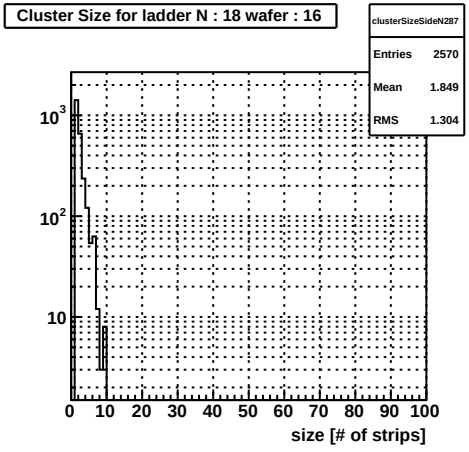

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 369
Mean 1.482
RMS 0.9741
size [# of strips]

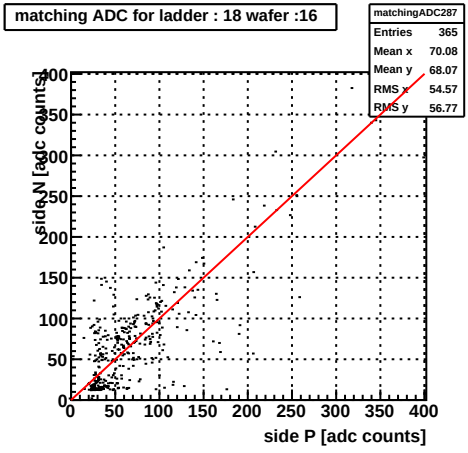

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 269
Mean x 128.8
Mean y 45.02
RMS x 73.29
RMS y 37.07
side N [adc counts]
side P [adc counts]

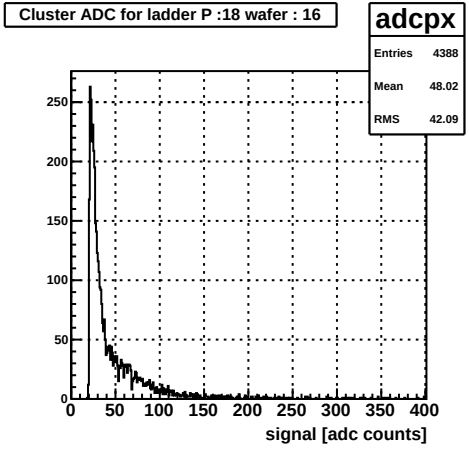

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 9325
Mean 56.51
RMS 49.32
signal [adc counts]

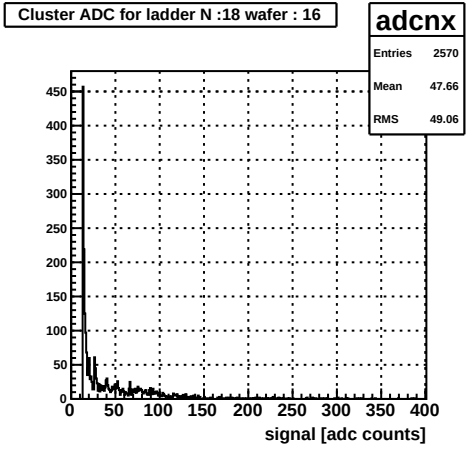

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 369
Mean 53.88
RMS 54.44
signal [adc counts]

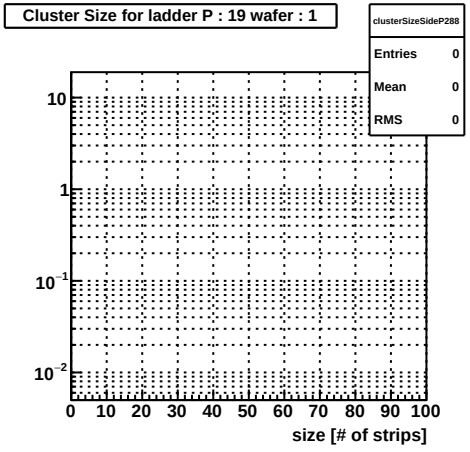

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 4388
Mean 1.203
RMS 0.4909
size [# of strips]

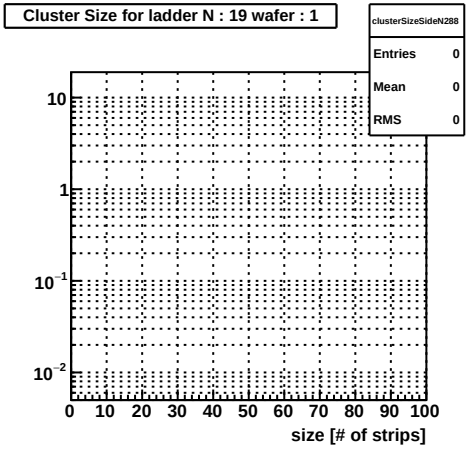

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2570
Mean 1.849
RMS 1.304
size [# of strips]

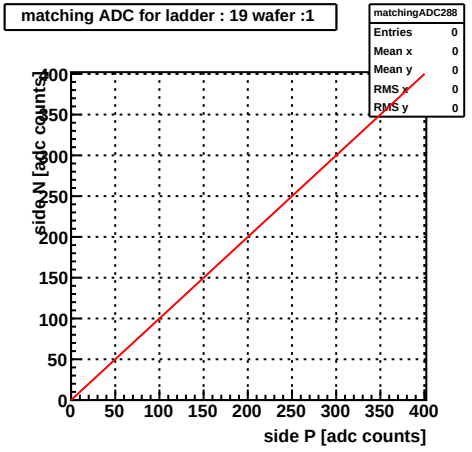

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 365
Mean x 70.08
Mean y 68.07
RMS x 54.57
RMS y 56.77
side N [adc counts]
side P [adc counts]

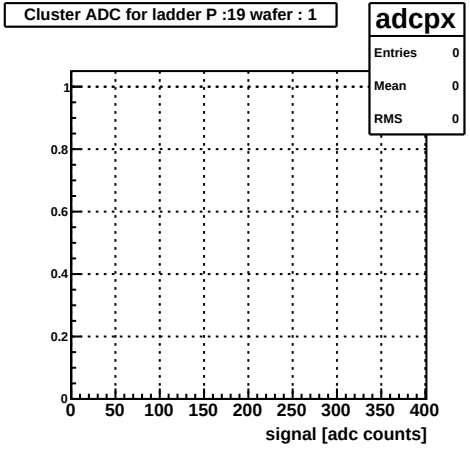

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 4388
Mean 48.02
RMS 42.09
signal [adc counts]

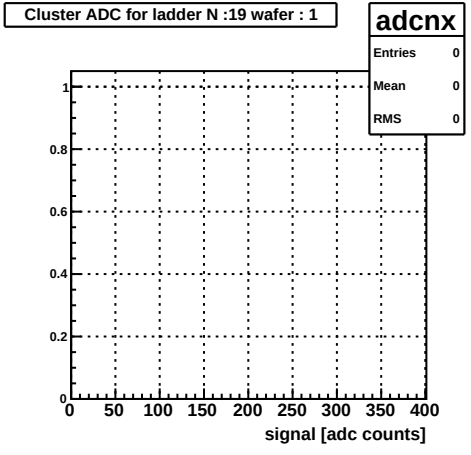

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2570
Mean 47.66
RMS 49.06
signal [adc counts]

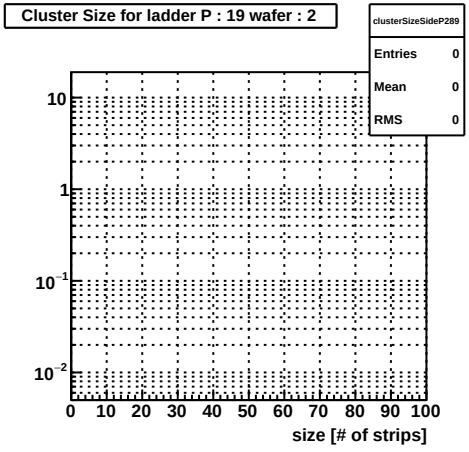

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

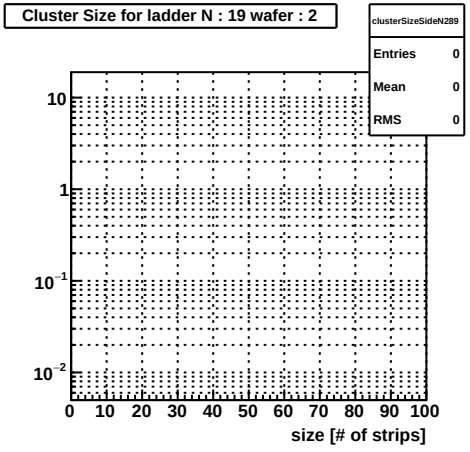

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

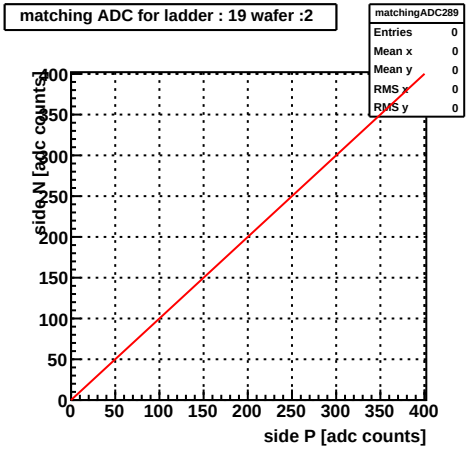

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

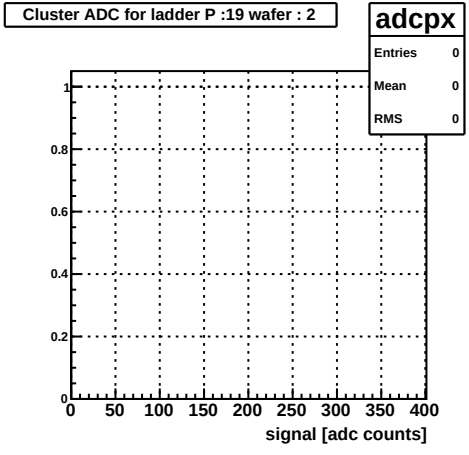

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

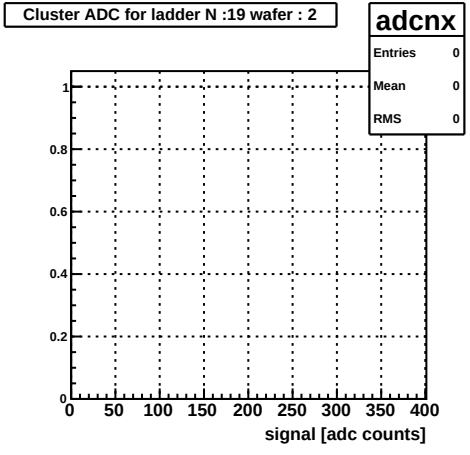

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

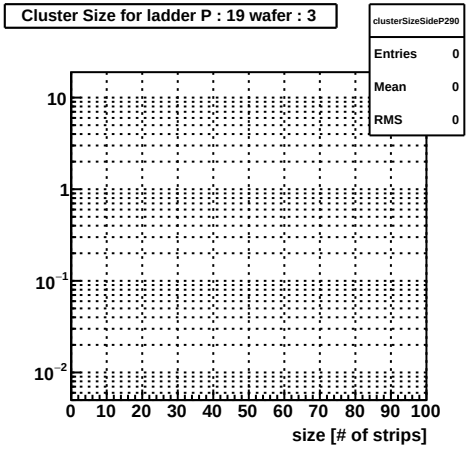

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

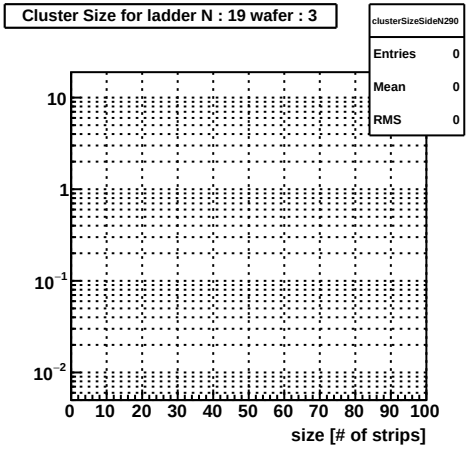

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

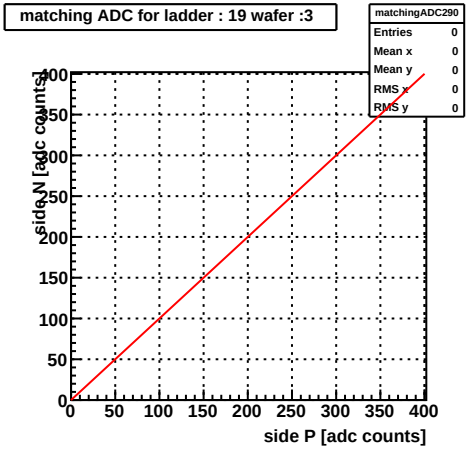

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

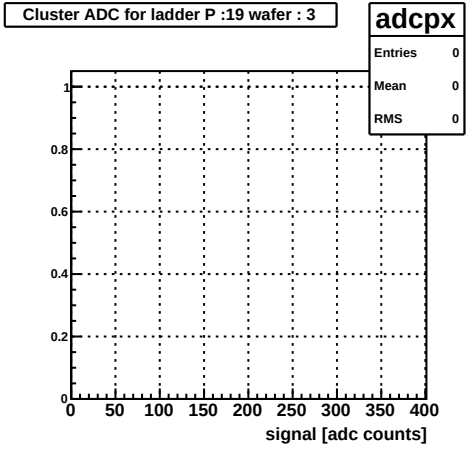

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

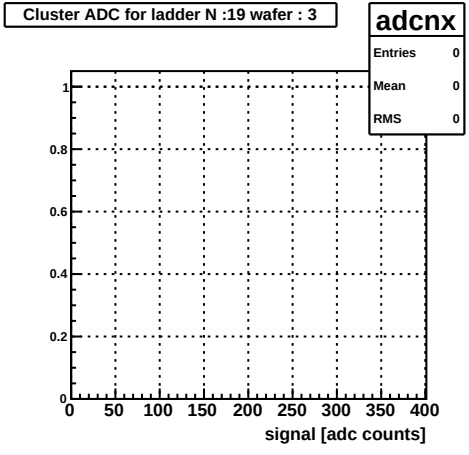

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

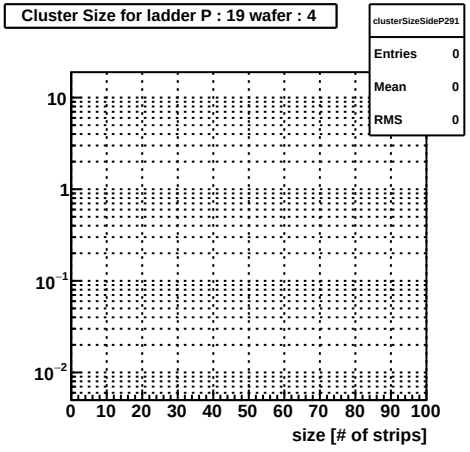

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

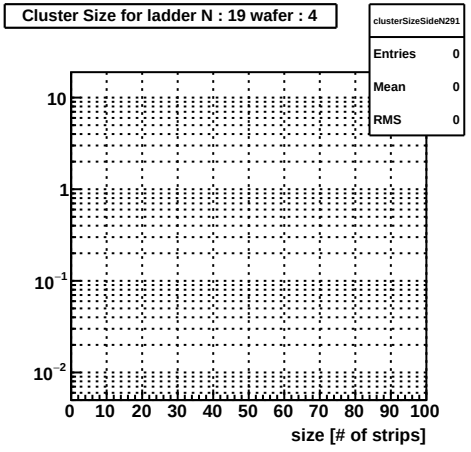

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

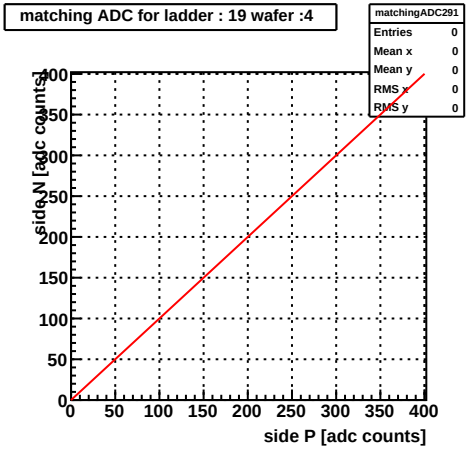

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

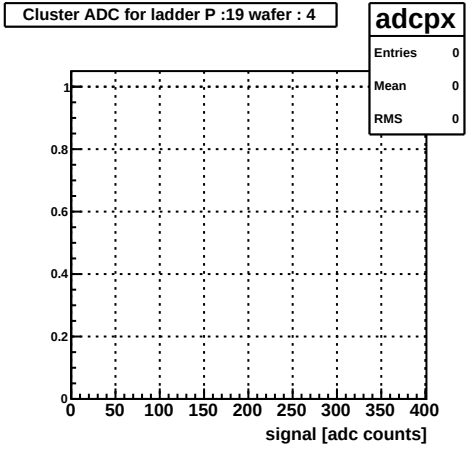

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

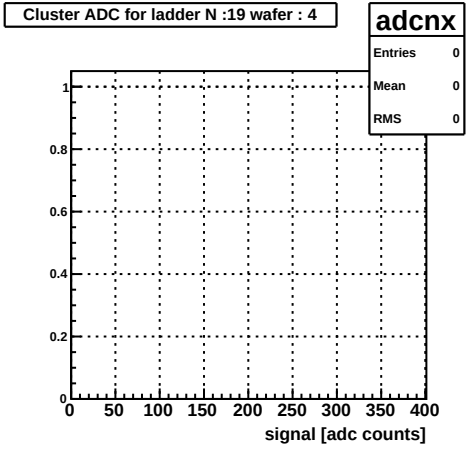

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

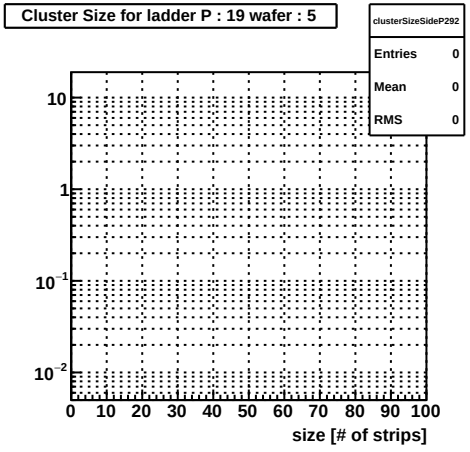

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

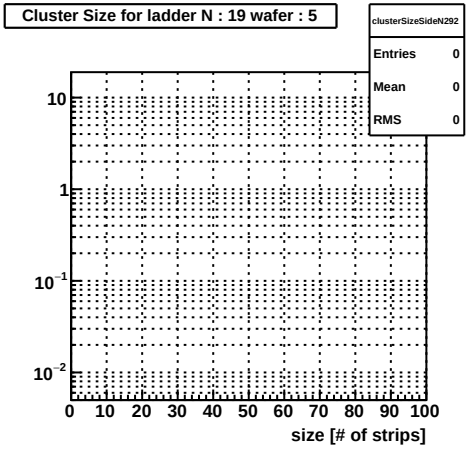

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

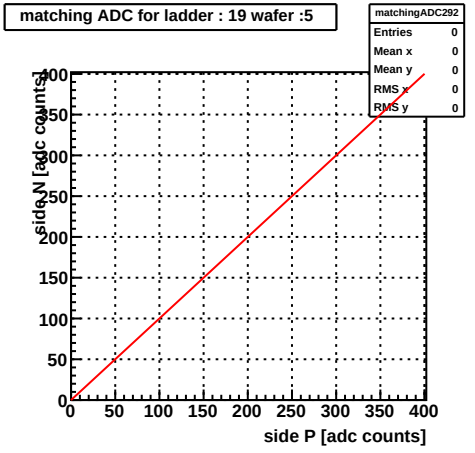

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

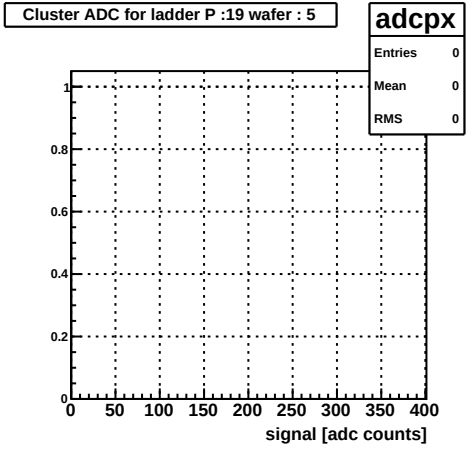

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

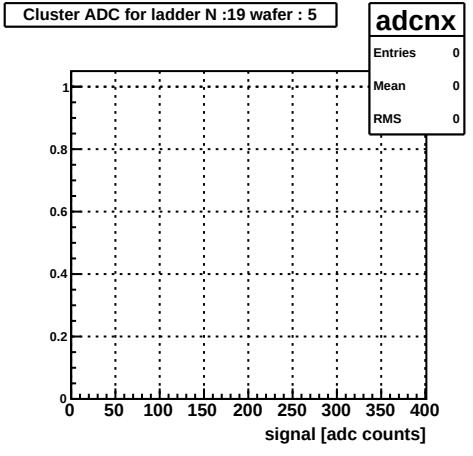

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

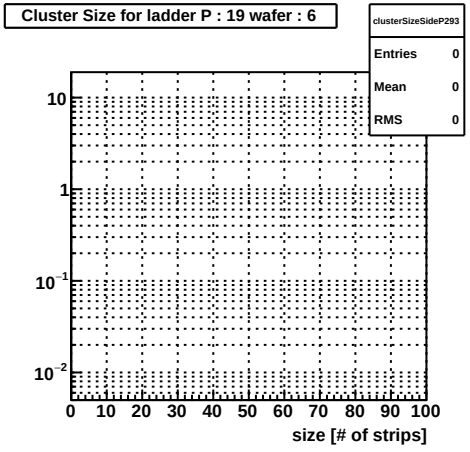

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

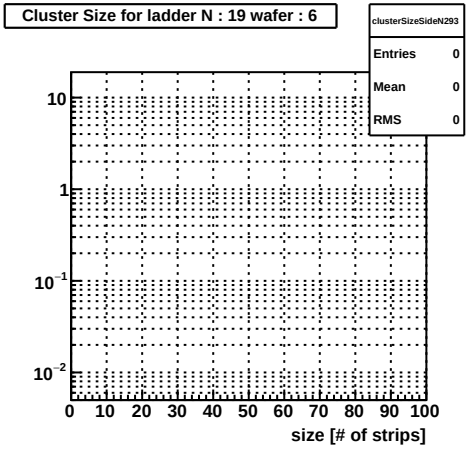

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

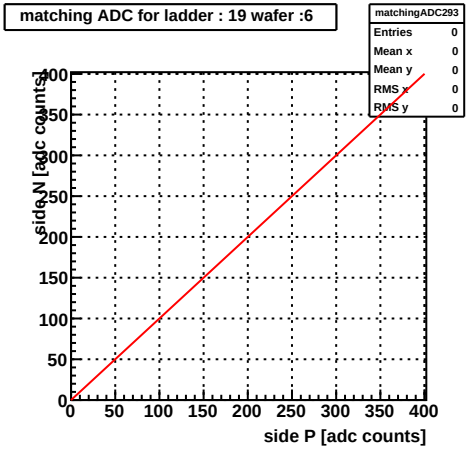

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

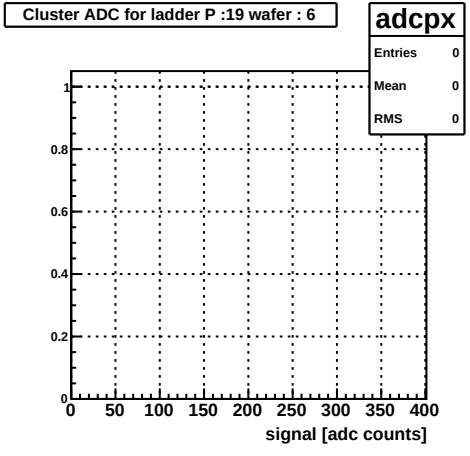

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

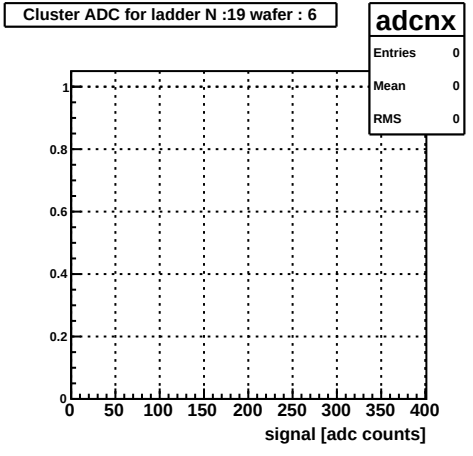

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

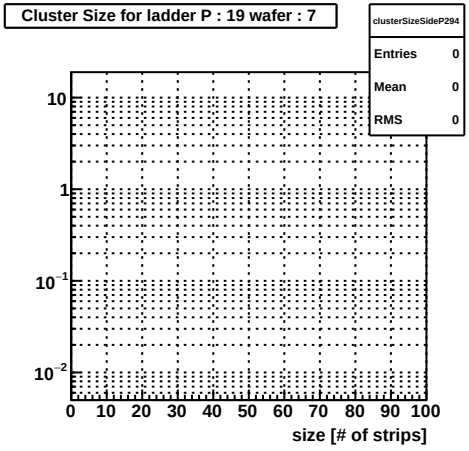

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

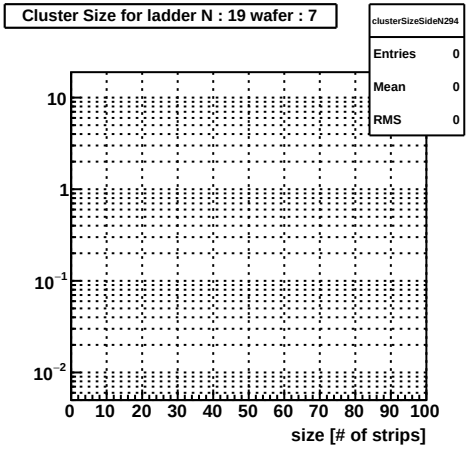

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

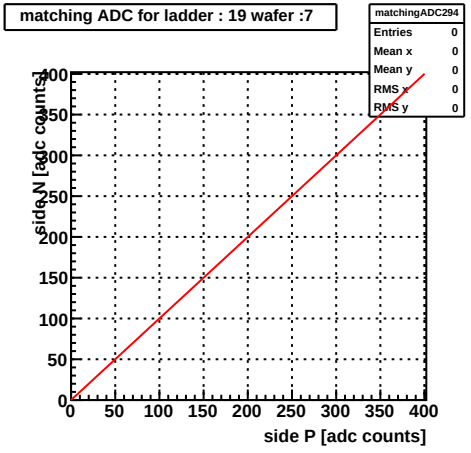

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

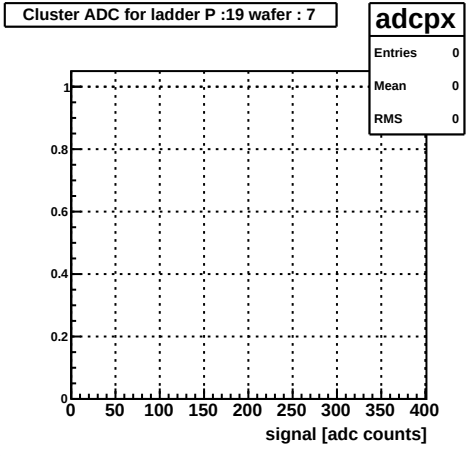

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

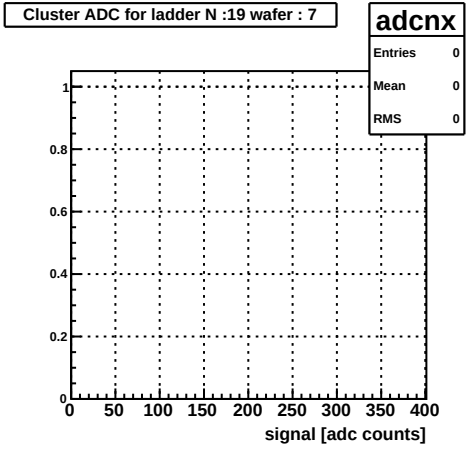

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

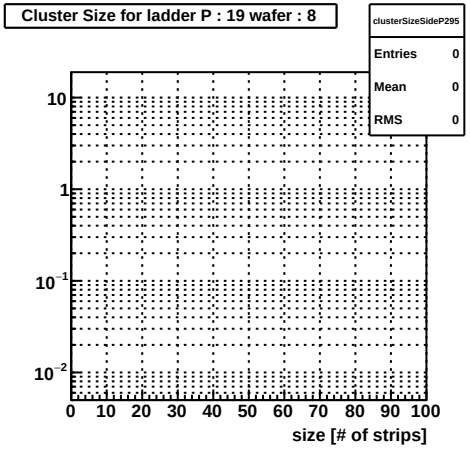

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

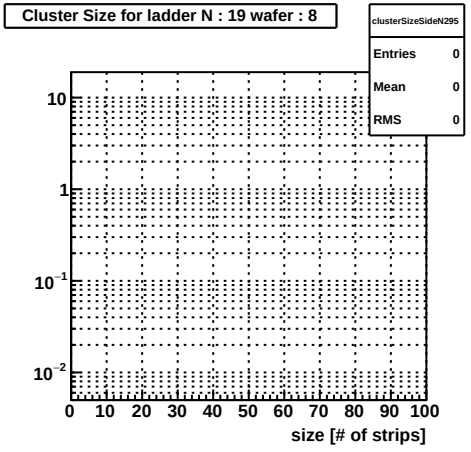

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

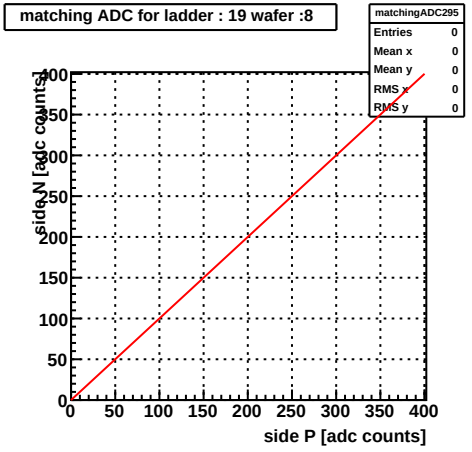

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

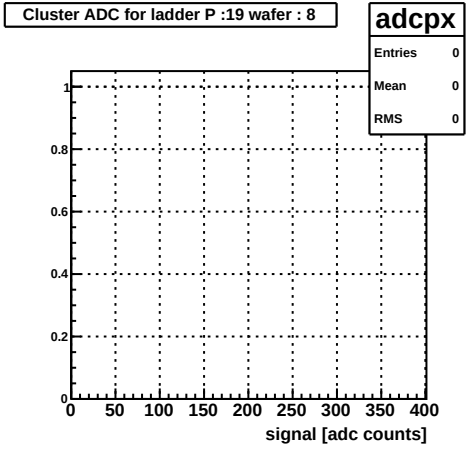

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

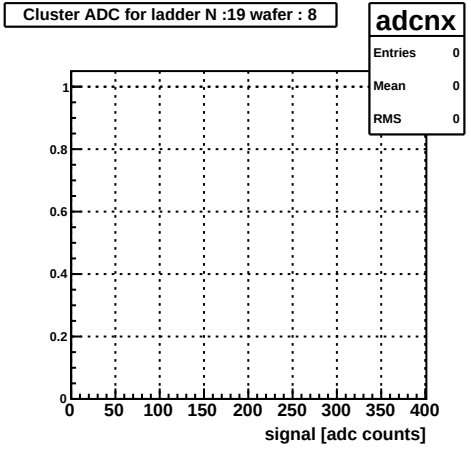

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

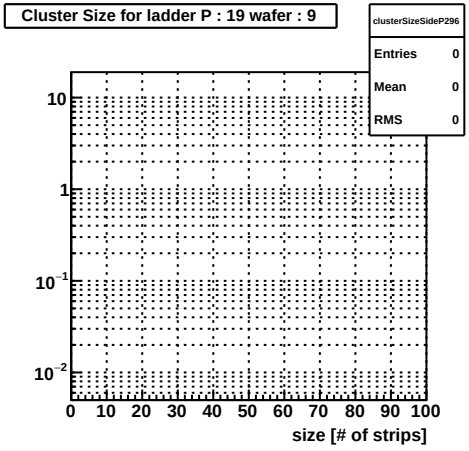

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

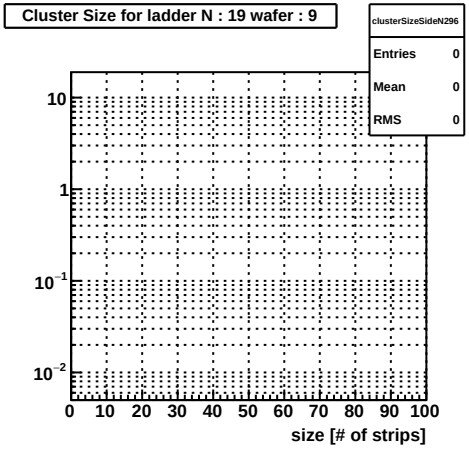

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

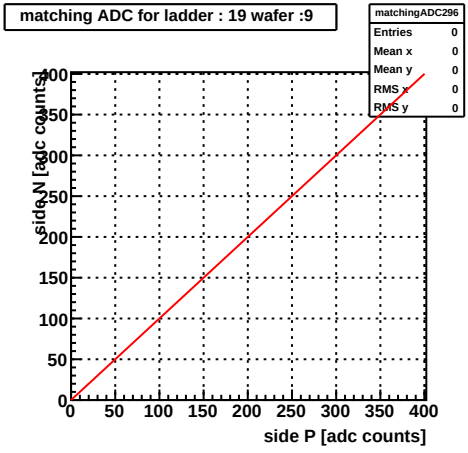

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

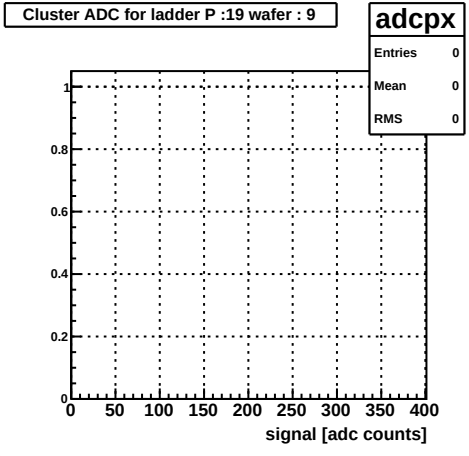

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

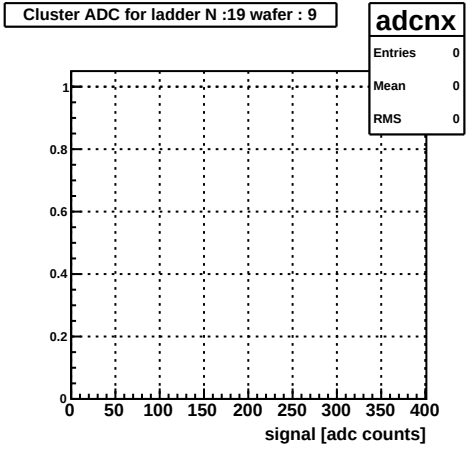

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

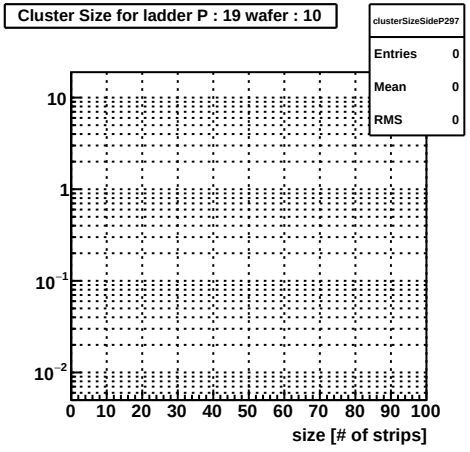

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

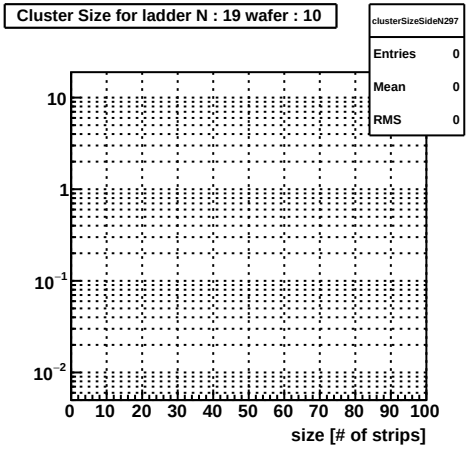

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

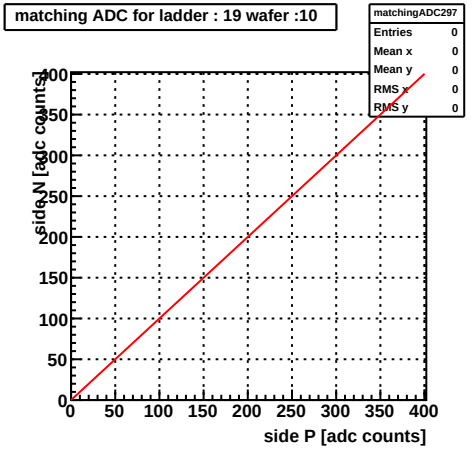

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

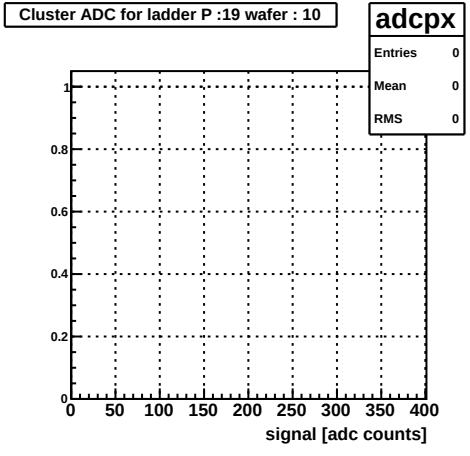

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

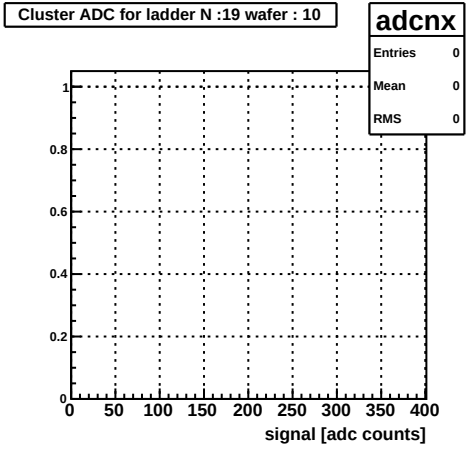

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

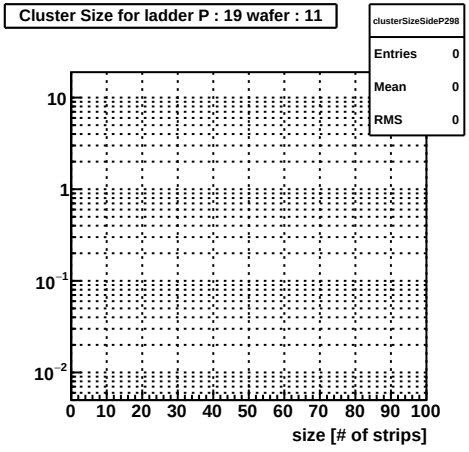

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

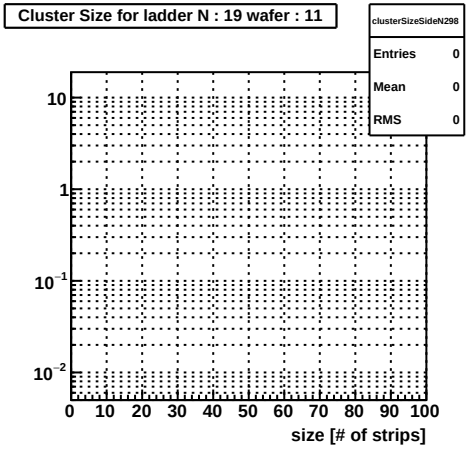

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

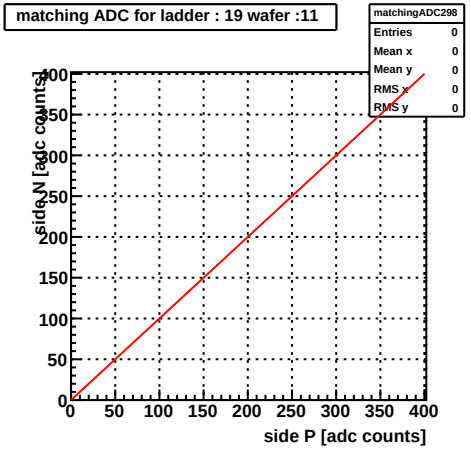

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

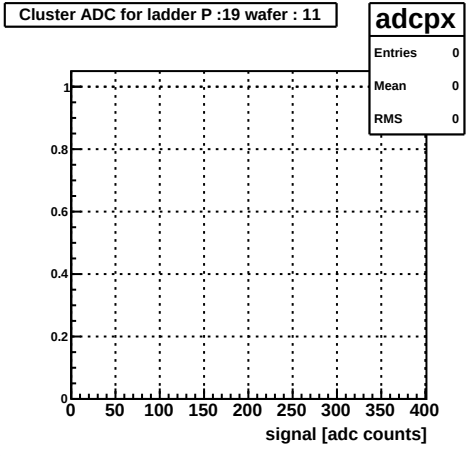

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

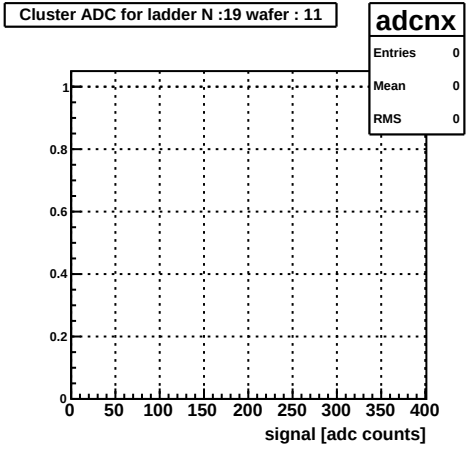

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

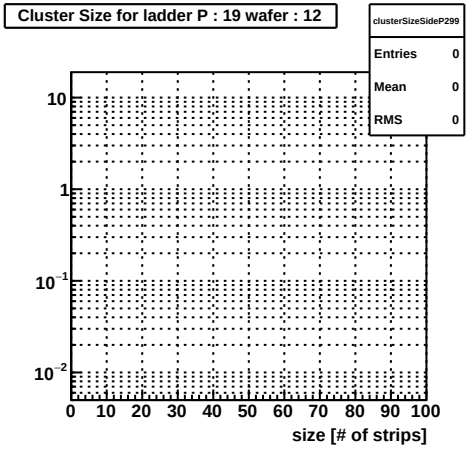

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

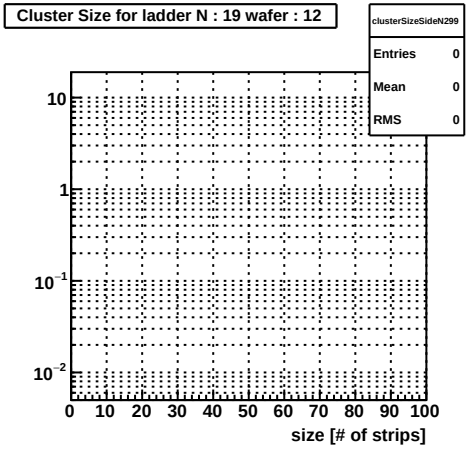

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

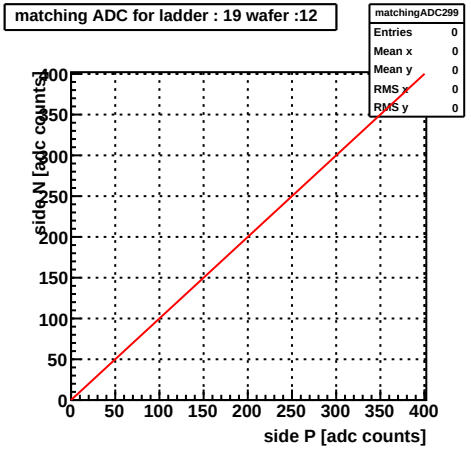

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

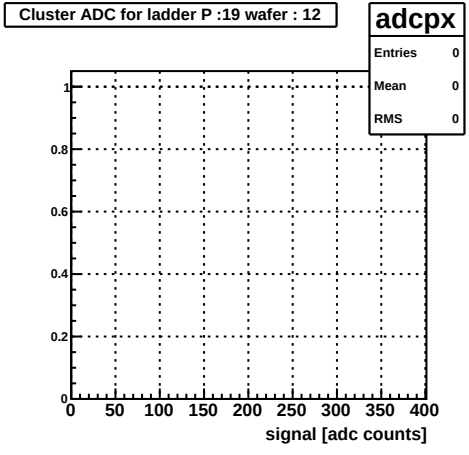

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

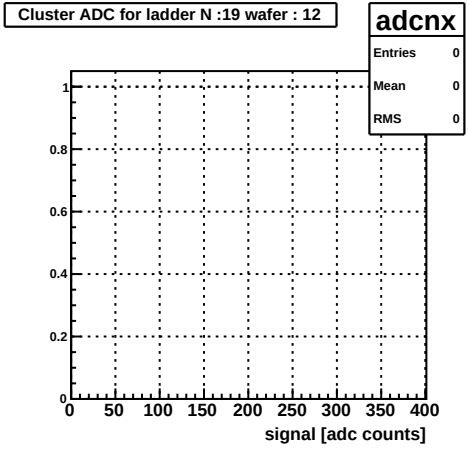

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

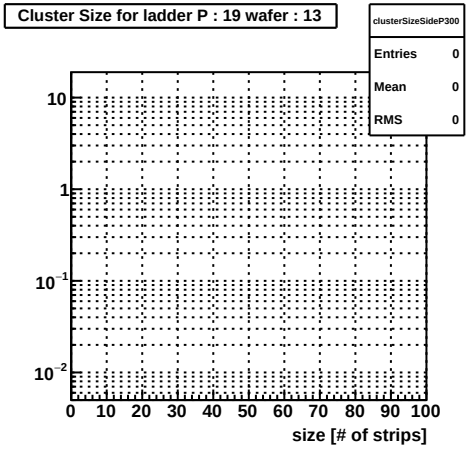

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

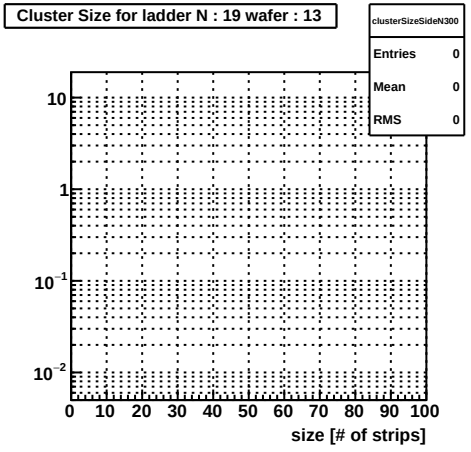

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

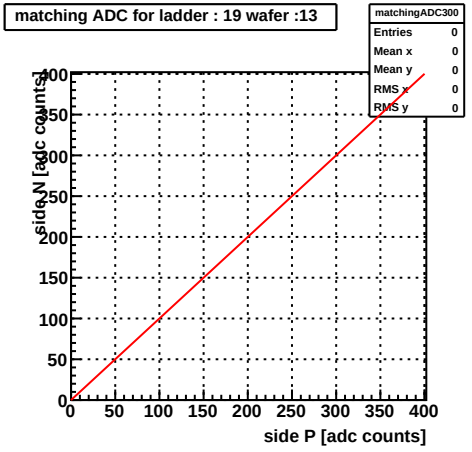

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

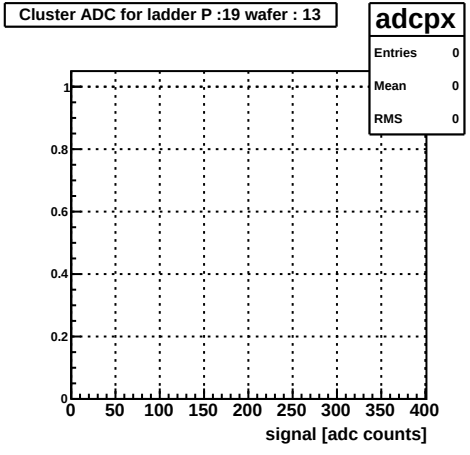

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

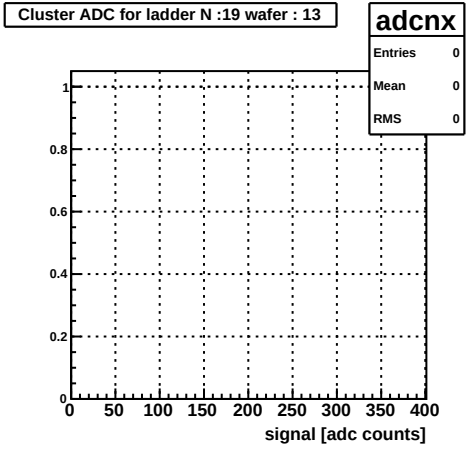

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

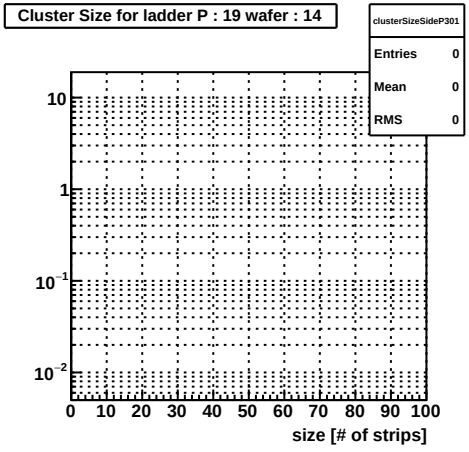

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

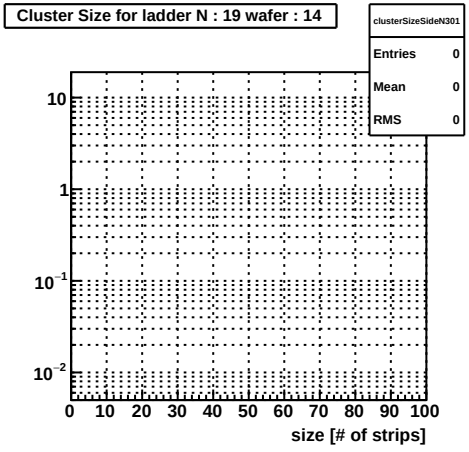

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

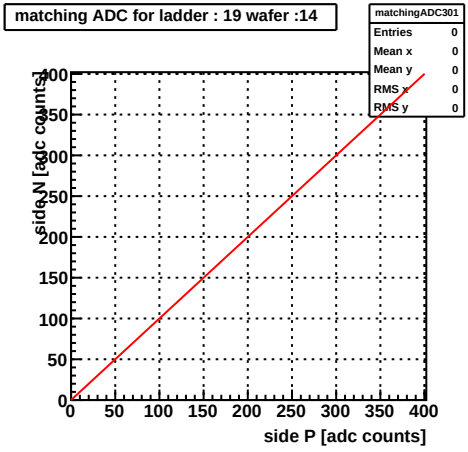

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

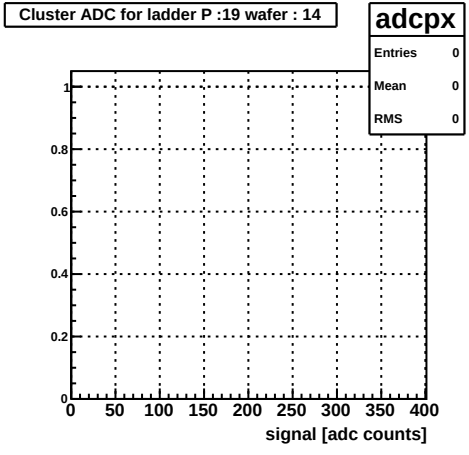

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

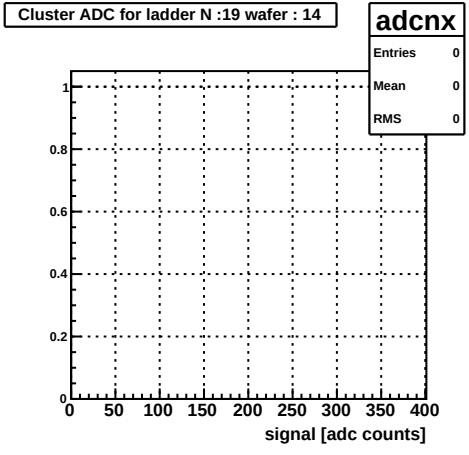

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

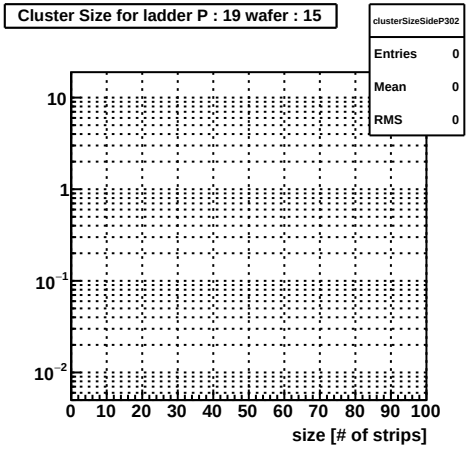

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

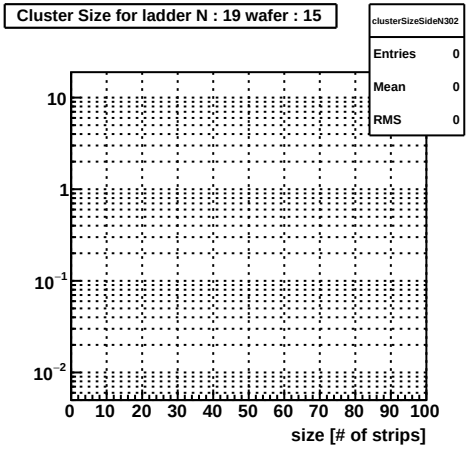

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

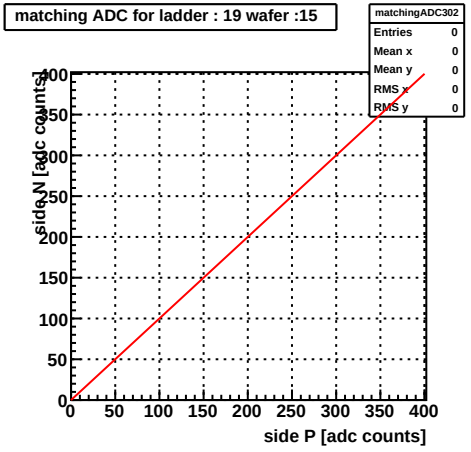

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

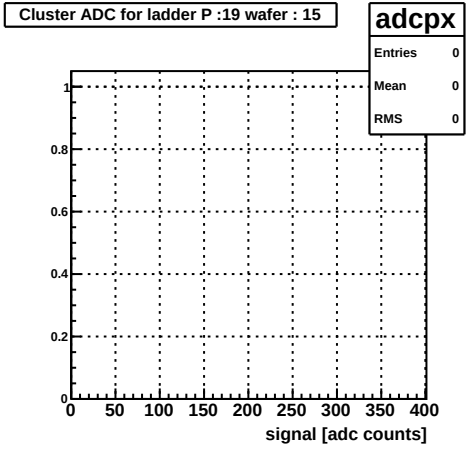

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

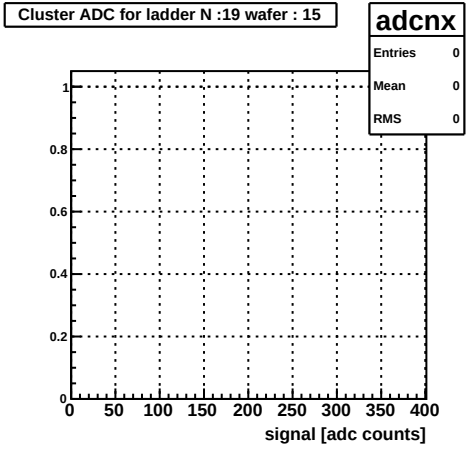

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

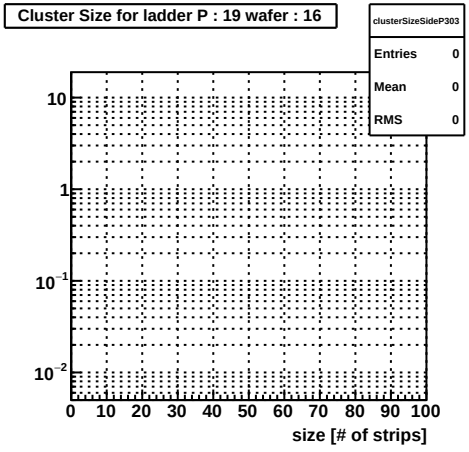

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

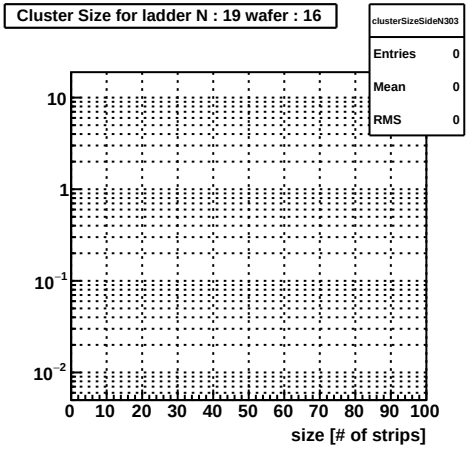

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

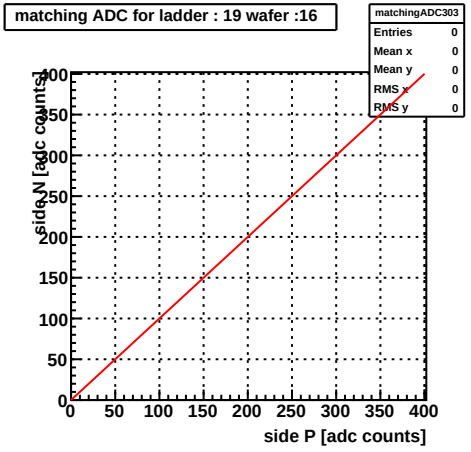

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

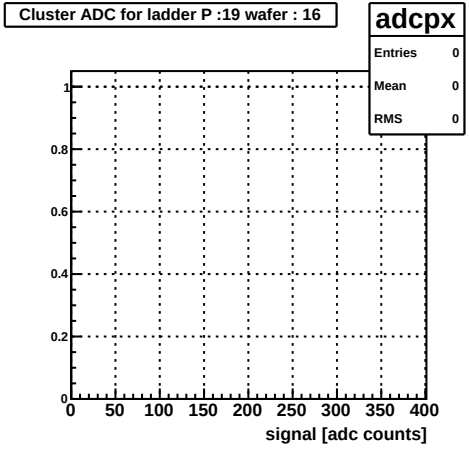

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

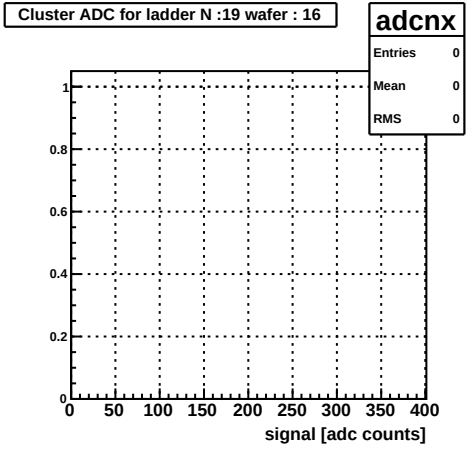

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

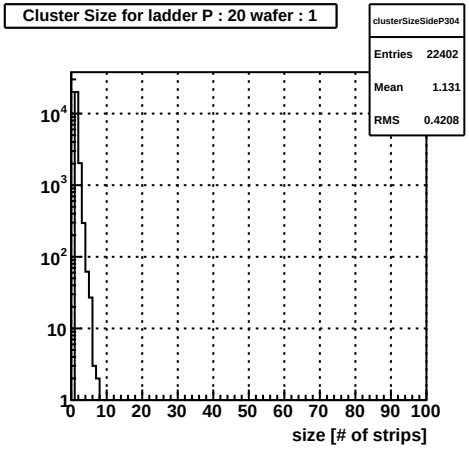

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

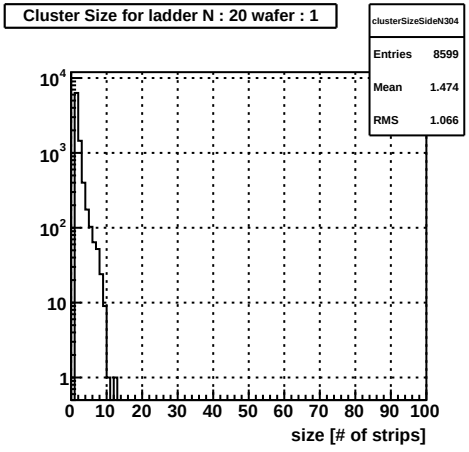

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

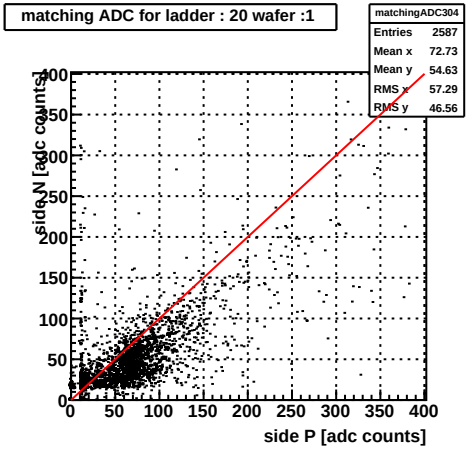

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

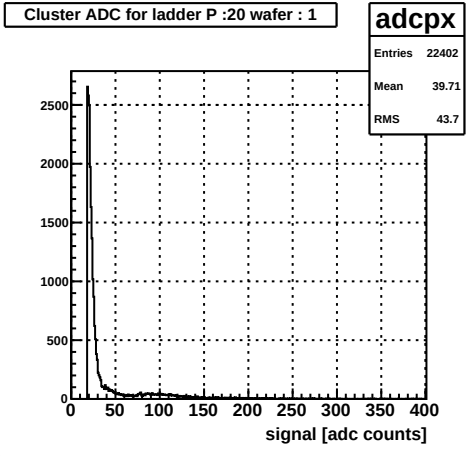

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

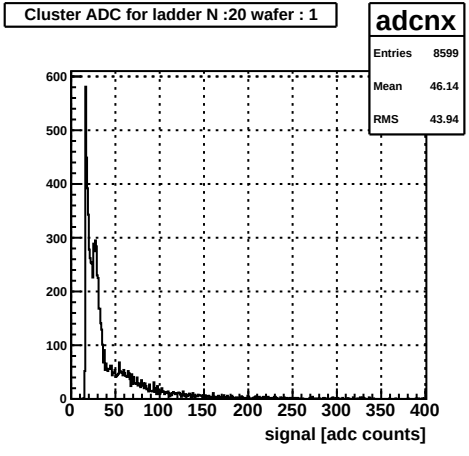

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

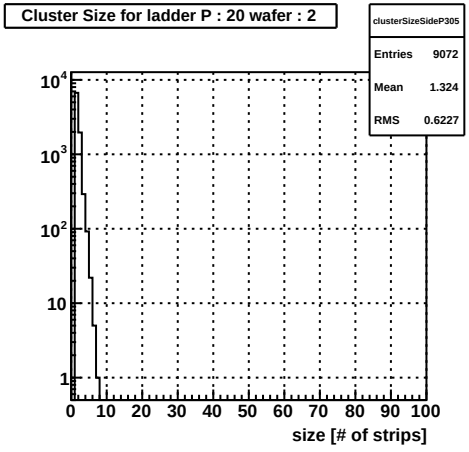

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 22402
Mean 1.131
RMS 0.4208
size [# of strips]

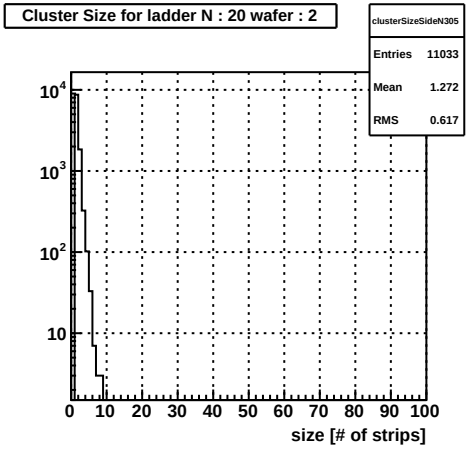

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 8599
Mean 1.474
RMS 1.066
size [# of strips]

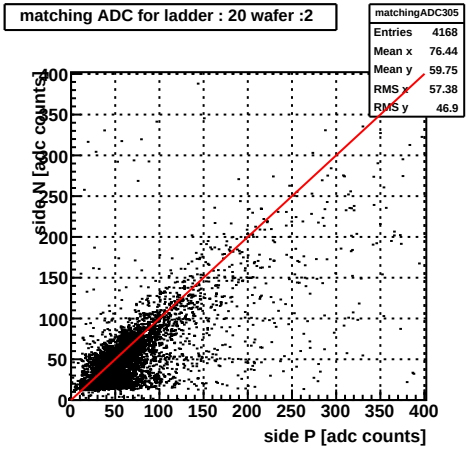

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 2587
Mean x 72.73
Mean y 54.63
RMS x 57.29
RMS y 46.56
side N [adc counts]
side P [adc counts]

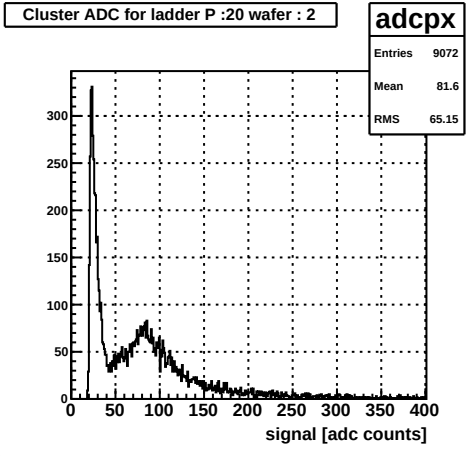

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 22402
Mean 39.71
RMS 43.7
signal [adc counts]

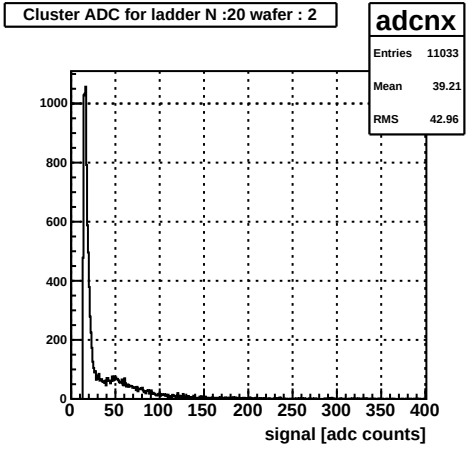

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 8599
Mean 46.14
RMS 43.94
signal [adc counts]

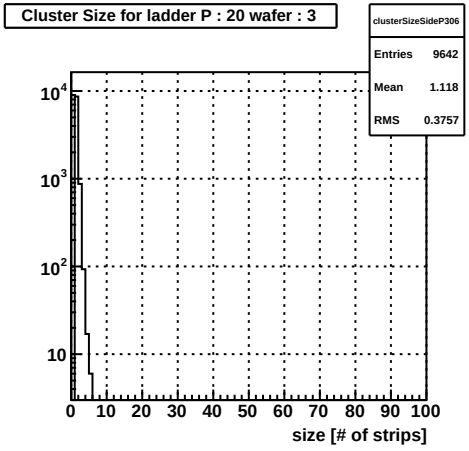

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 9072
Mean 1.324
RMS 0.6227
size [# of strips]

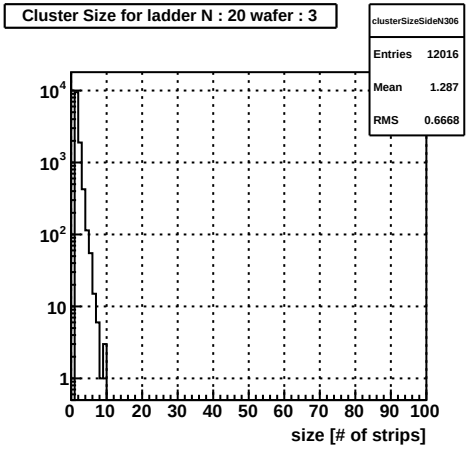

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 11033
Mean 1.272
RMS 0.617
size [# of strips]

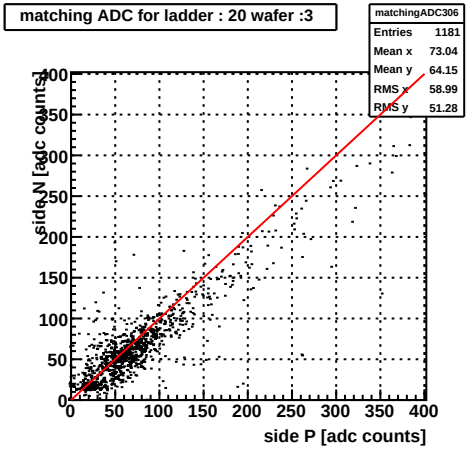

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 4168
Mean x 76.44
Mean y 59.75
RMS x 57.38
RMS y 46.9
side N [adc counts]
side P [adc counts]

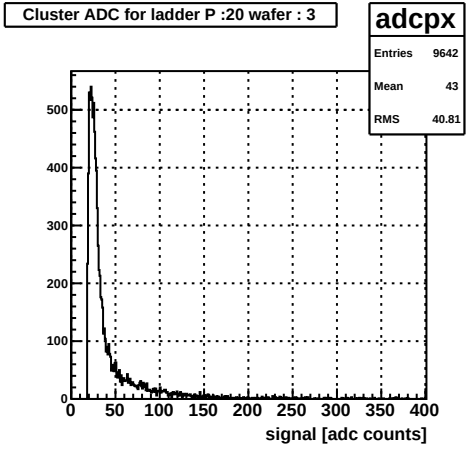

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 9072
Mean 81.6
RMS 65.15
signal [adc counts]

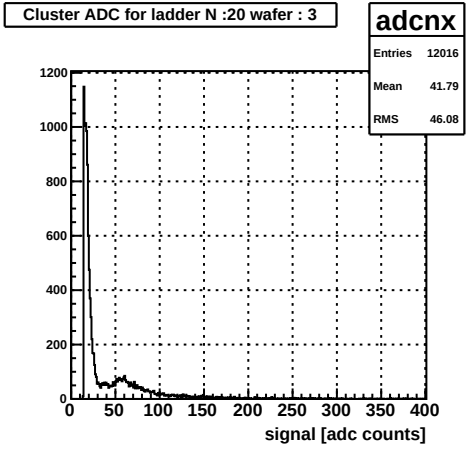

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 11033
Mean 39.21
RMS 42.96
signal [adc counts]

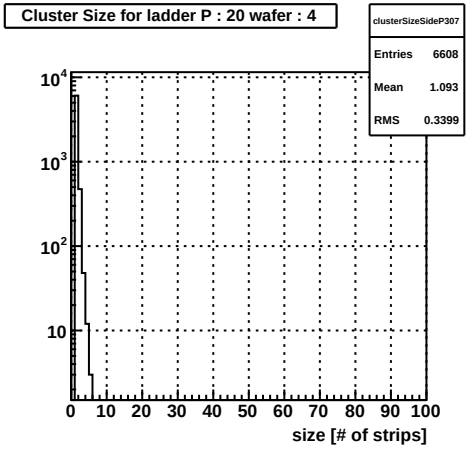

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 9642
Mean 1.118
RMS 0.3757
size [# of strips]

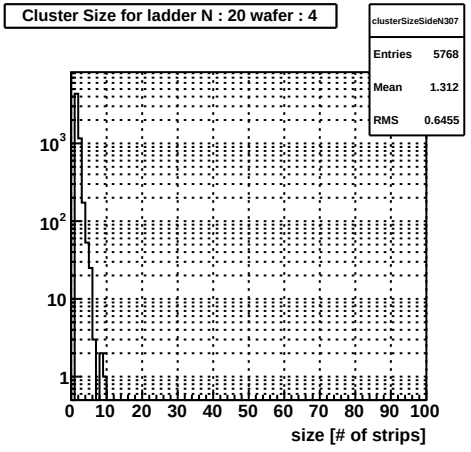

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 12016
Mean 1.287
RMS 0.6668
size [# of strips]

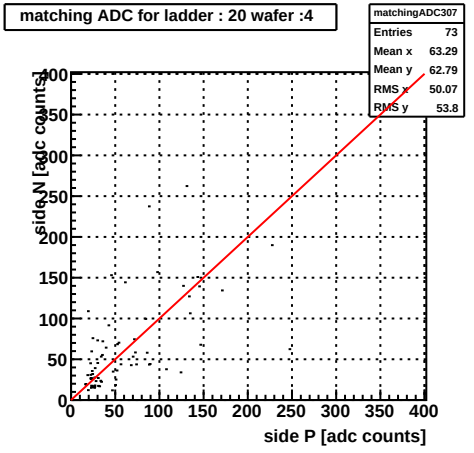

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 1181
Mean x 73.04
Mean y 64.15
RMS x 58.99
RMS y 51.28
side N [adc counts]
side P [adc counts]

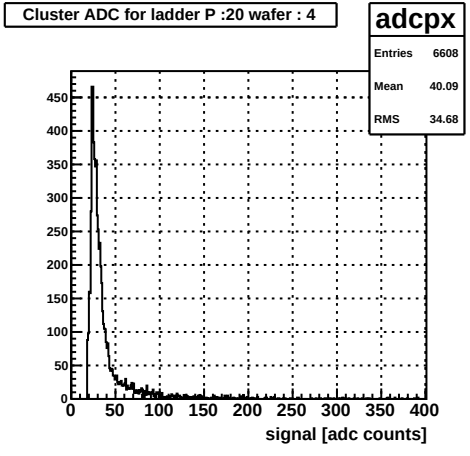

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 9642
Mean 43
RMS 40.81
signal [adc counts]

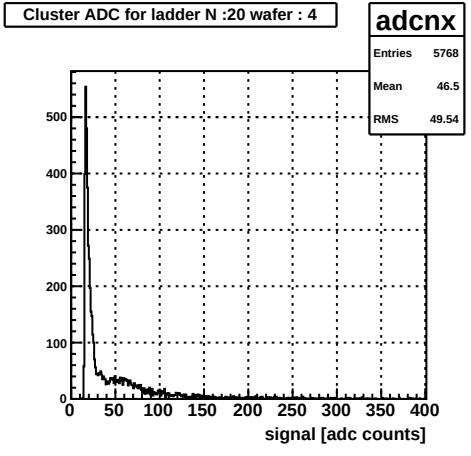

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 12016
Mean 41.79
RMS 46.08
signal [adc counts]

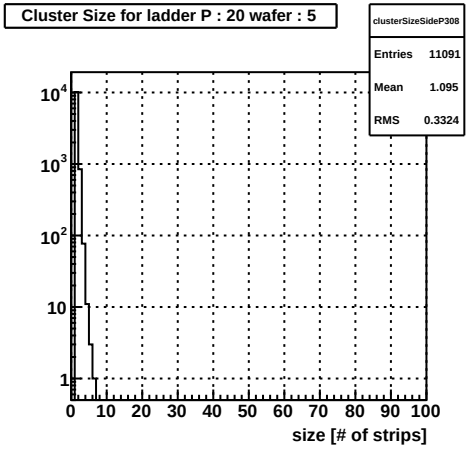

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 6608
Mean 1.093
RMS 0.3399
size [# of strips]

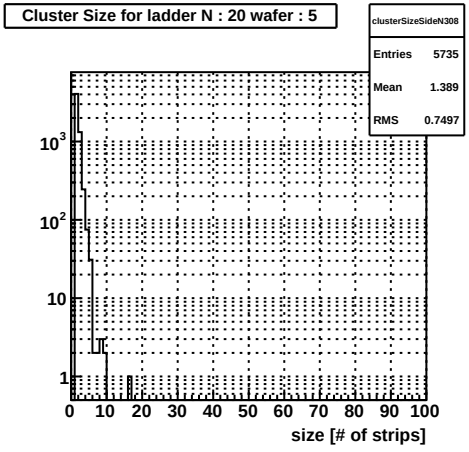

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 5768
Mean 1.312
RMS 0.6455
size [# of strips]

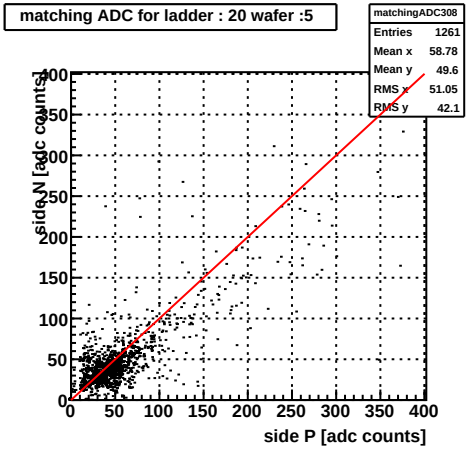

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 73
Mean x 63.29
Mean y 62.79
RMS x 50.07
RMS y 53.8
side N [adc counts]
side P [adc counts]

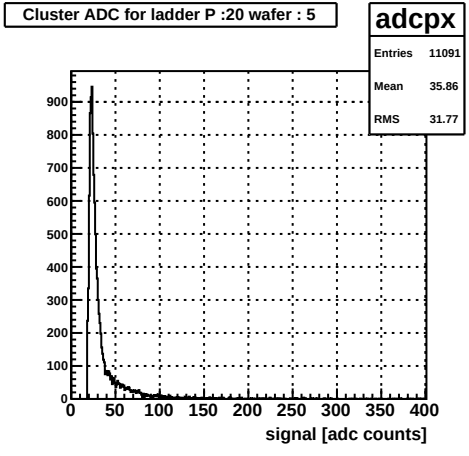

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 6608
Mean 40.09
RMS 34.68
signal [adc counts]

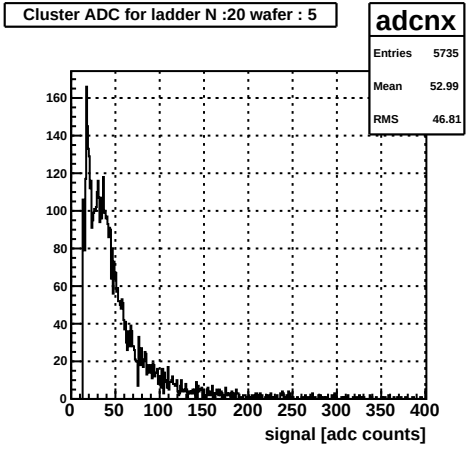

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 5768
Mean 46.5
RMS 49.54
signal [adc counts]

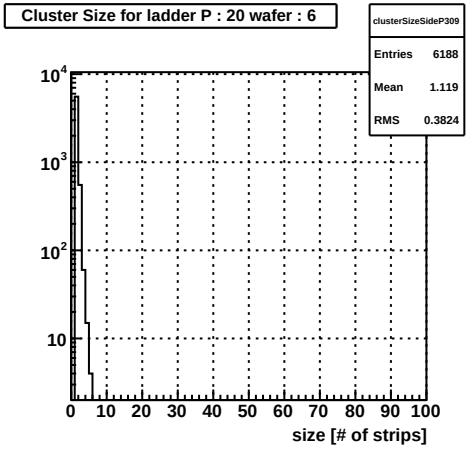

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 11091
Mean 1.095
RMS 0.3324
size [# of strips]

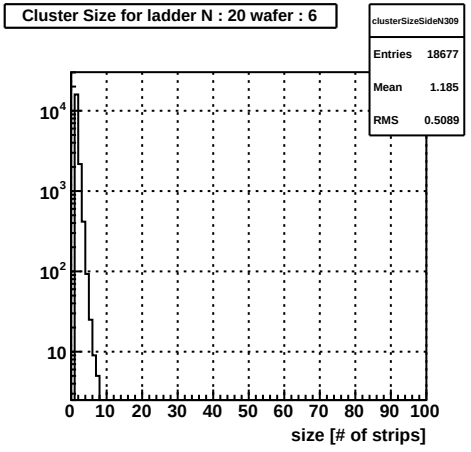

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 5735
Mean 1.389
RMS 0.7497
size [# of strips]

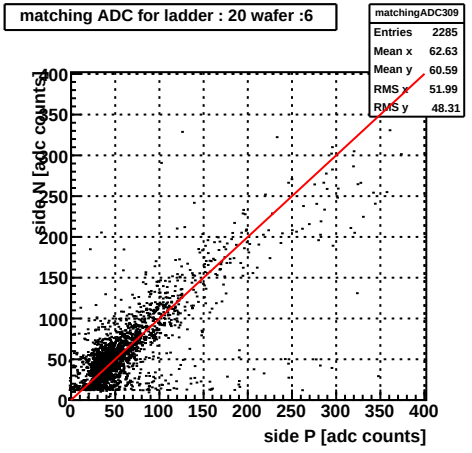

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 1261
Mean x 58.78
Mean y 49.6
RMS x 51.05
RMS y 42.1
side N [adc counts]
side P [adc counts]

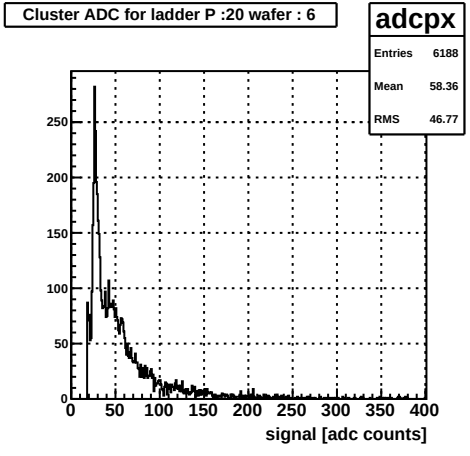

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 11091
Mean 35.86
RMS 31.77
signal [adc counts]

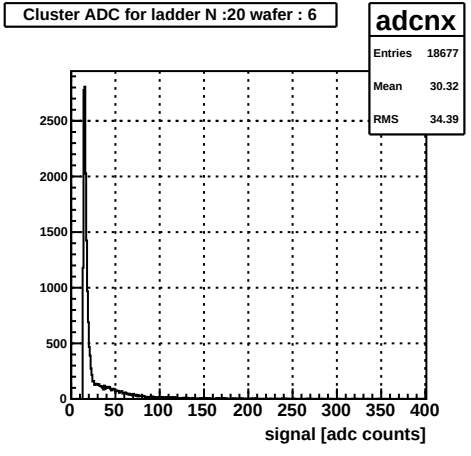

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 5735
Mean 52.99
RMS 46.81
signal [adc counts]

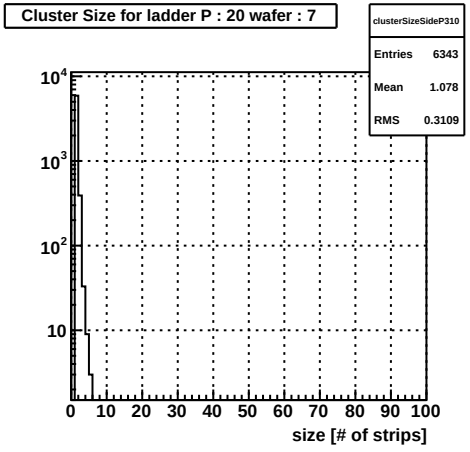

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 6188
Mean 1.119
RMS 0.3824
size [# of strips]

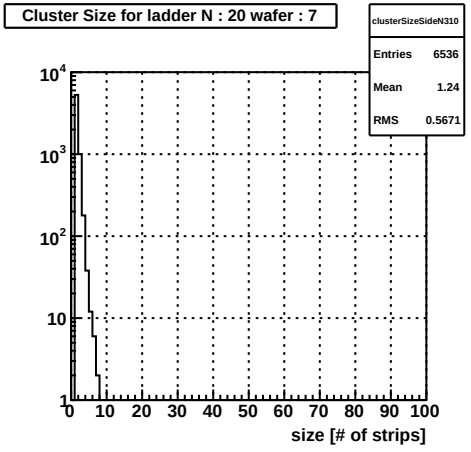

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 18677
Mean 1.185
RMS 0.5089
size [# of strips]

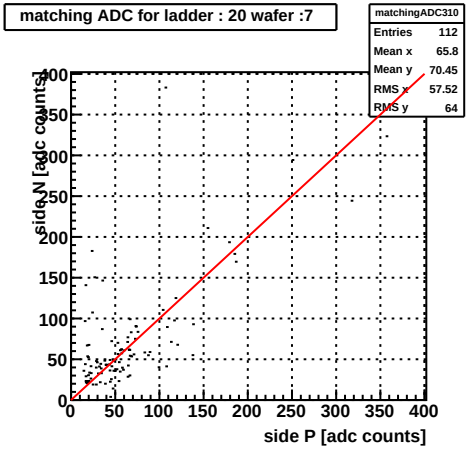

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 2285
Mean x 62.63
Mean y 60.59
RMS x 51.99
RMS y 48.31
side N [adc counts]
side P [adc counts]

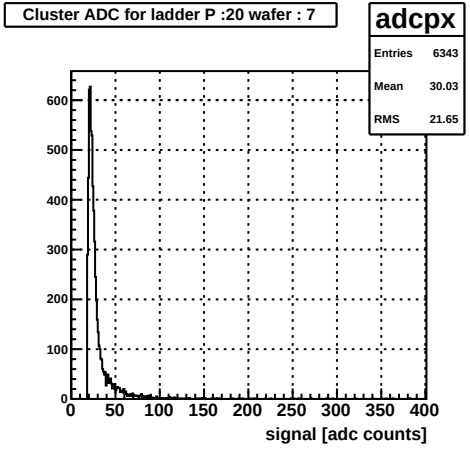

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 6188
Mean 58.36
RMS 46.77
signal [adc counts]

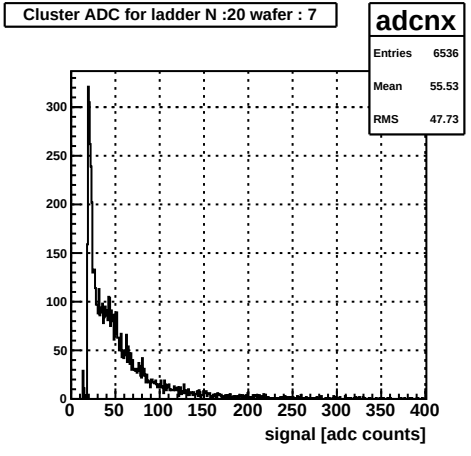

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 18677
Mean 30.32
RMS 34.39
signal [adc counts]

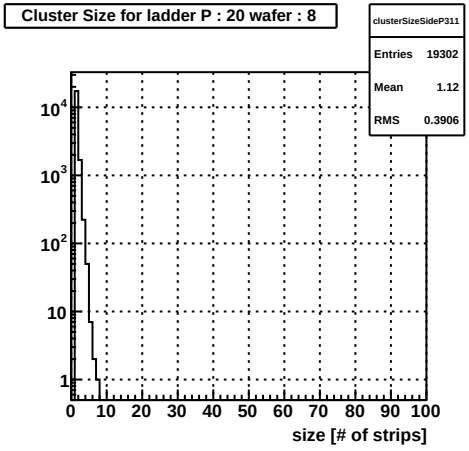

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 6343
Mean 1.078
RMS 0.3109
size [# of strips]

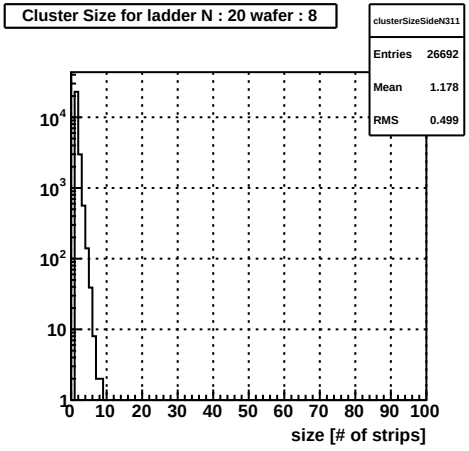

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 6536
Mean 1.24
RMS 0.5671
size [# of strips]

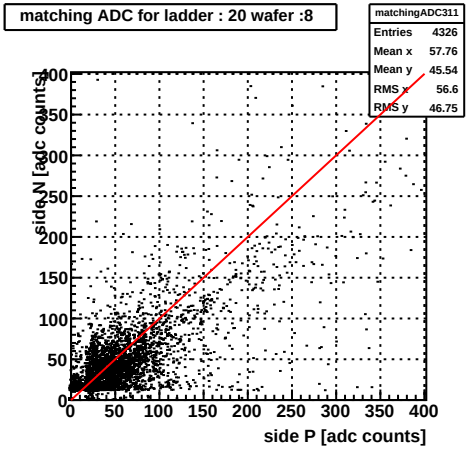

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 112
Mean x 65.8
Mean y 70.45
RMS x 57.52
RMS y 64
side N [adc counts]
side P [adc counts]

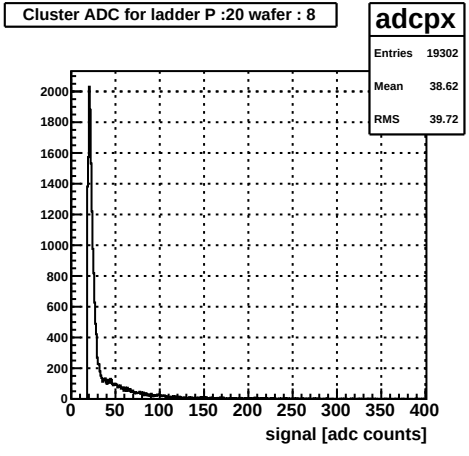

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 6343
Mean 30.03
RMS 21.65
signal [adc counts]

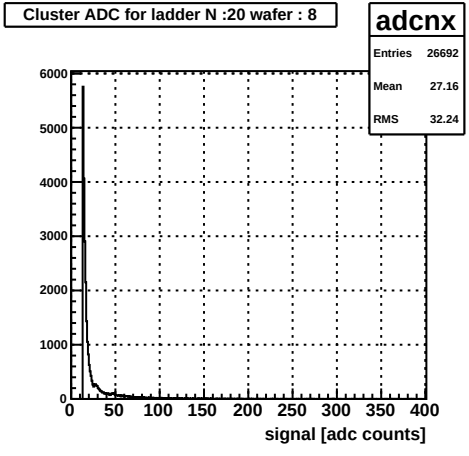

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 6536
Mean 55.53
RMS 47.73
signal [adc counts]

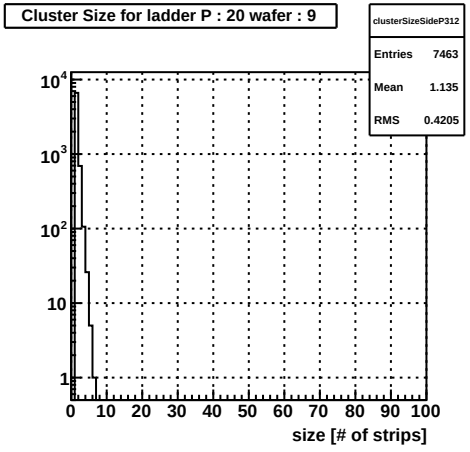

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 19302
Mean 1.12
RMS 0.3906
size [# of strips]

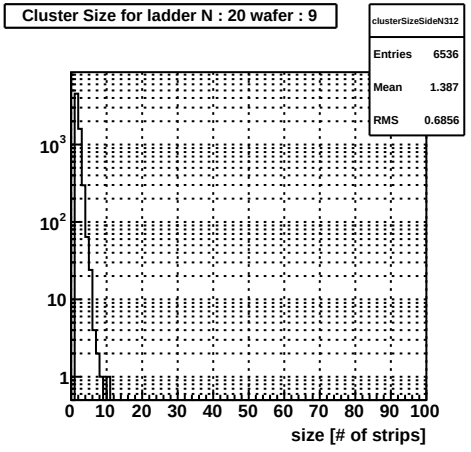

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 26692
Mean 1.178
RMS 0.499
size [# of strips]

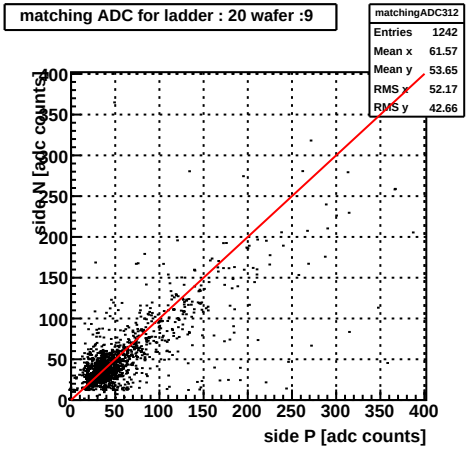

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 4326
Mean x 57.76
Mean y 45.54
RMS x 56.6
RMS y 46.75
side N [adc counts]
side P [adc counts]

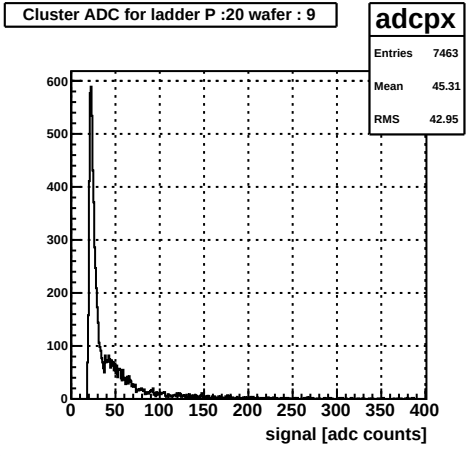

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 19302
Mean 38.62
RMS 39.72
signal [adc counts]

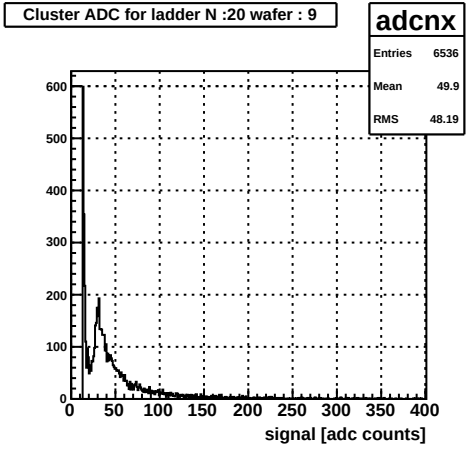

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 26692
Mean 27.16
RMS 32.24
signal [adc counts]

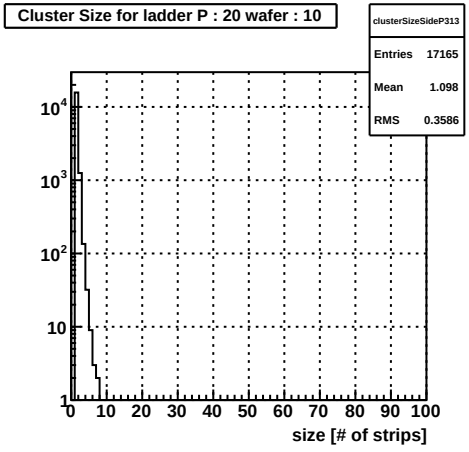

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 7463
Mean 1.135
RMS 0.4205
size [# of strips]

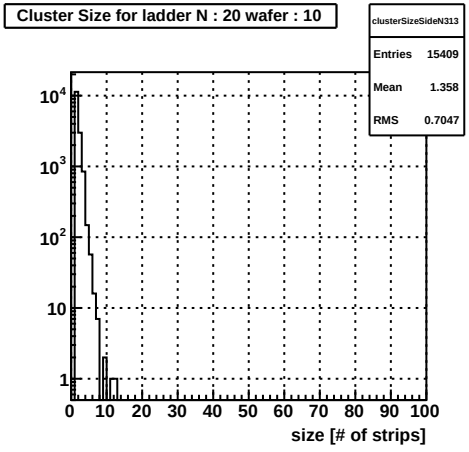

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 6536
Mean 1.387
RMS 0.6856
size [# of strips]

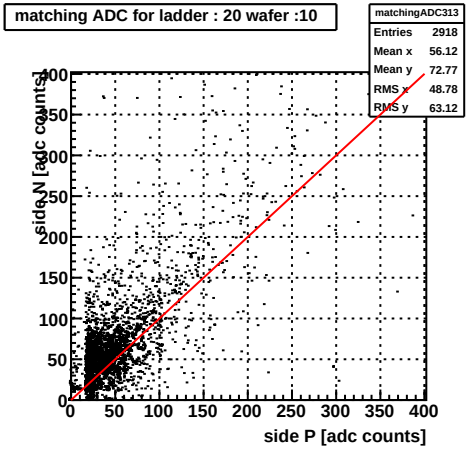

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 1242
Mean x 61.57
Mean y 53.65
RMS x 52.17
RMS y 42.66
side N [adc counts]
side P [adc counts]

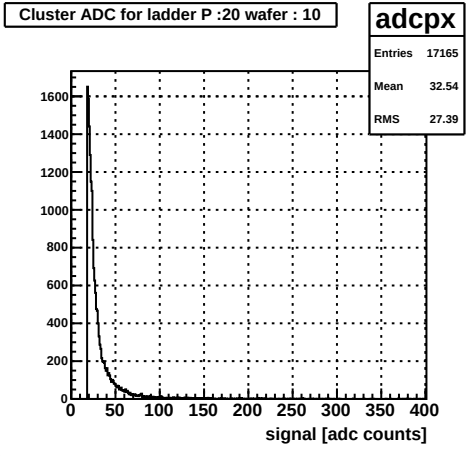

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 7463
Mean 45.31
RMS 42.95
signal [adc counts]

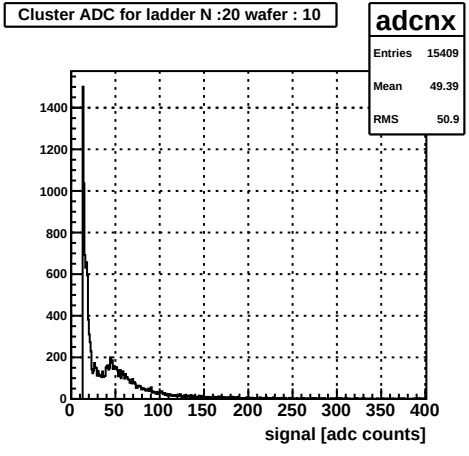

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 6536
Mean 49.9
RMS 48.19
signal [adc counts]

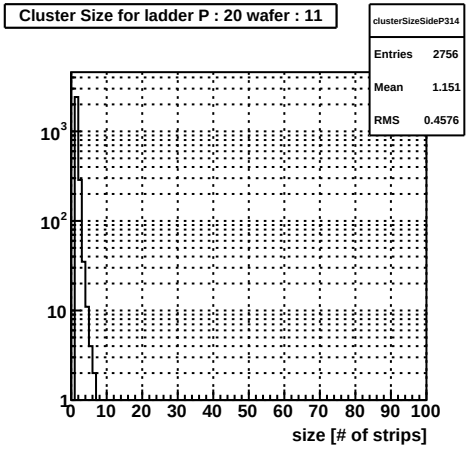

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 17165
Mean 1.098
RMS 0.3586
size [# of strips]

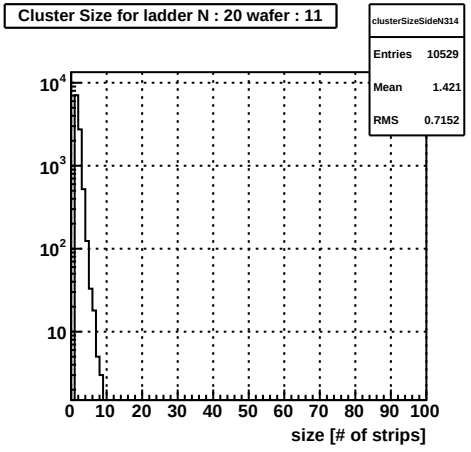

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 15409
Mean 1.358
RMS 0.7047
size [# of strips]

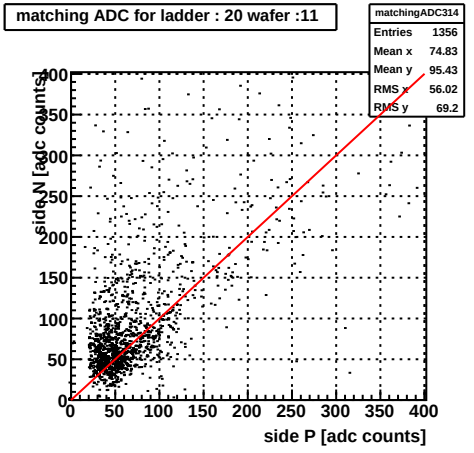

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 2918
Mean x 56.12
Mean y 72.77
RMS x 48.78
RMS y 63.12
side N [adc counts]
side P [adc counts]

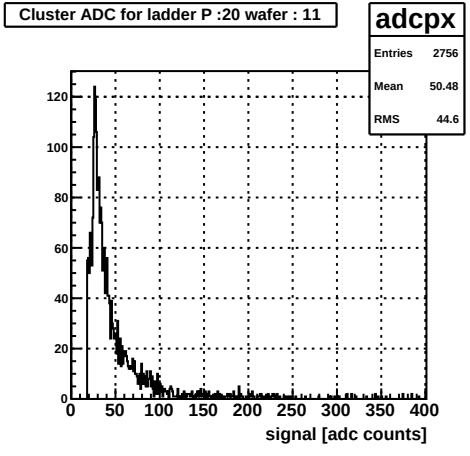

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 17165
Mean 32.54
RMS 27.39
signal [adc counts]

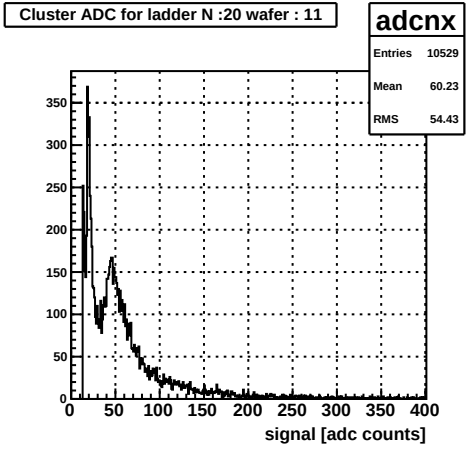

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 15409
Mean 49.39
RMS 50.9
signal [adc counts]

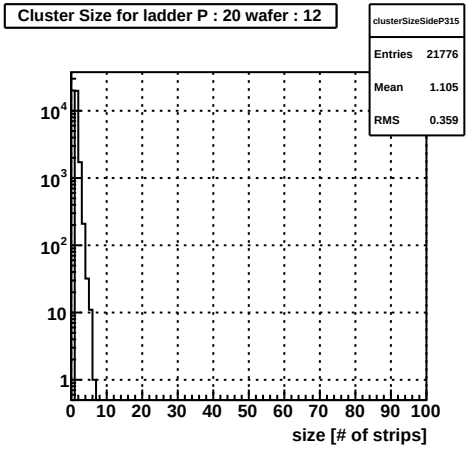

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 2756
Mean 1.151
RMS 0.4576
size [# of strips]

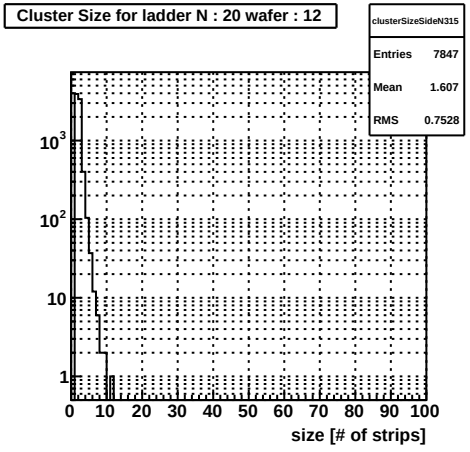

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 10529
Mean 1.421
RMS 0.7152
size [# of strips]

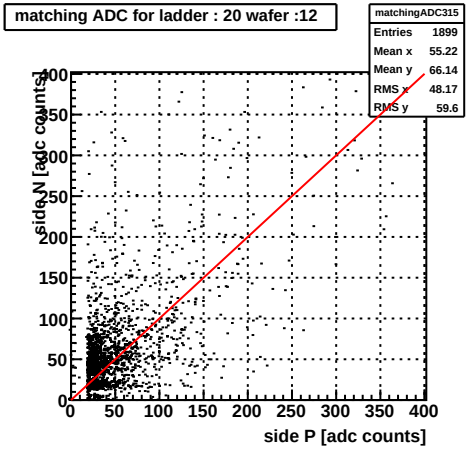

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 1356
Mean x 74.83
Mean y 95.43
RMS x 56.02
RMS y 69.2
side N [adc counts]
side P [adc counts]

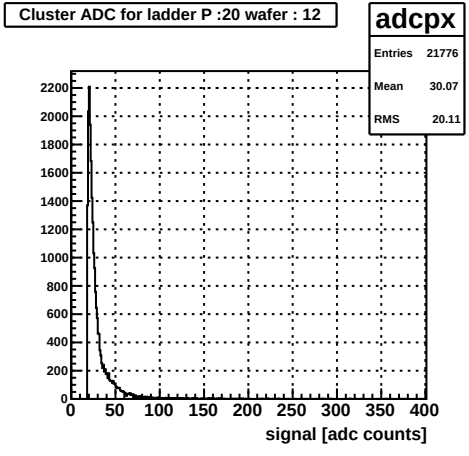

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 2756
Mean 50.48
RMS 44.6
signal [adc counts]

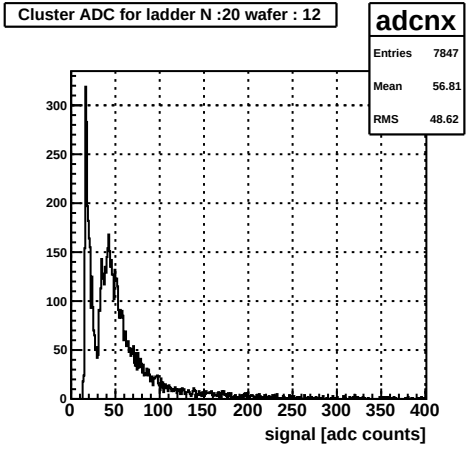

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 10529
Mean 60.23
RMS 54.43
signal [adc counts]

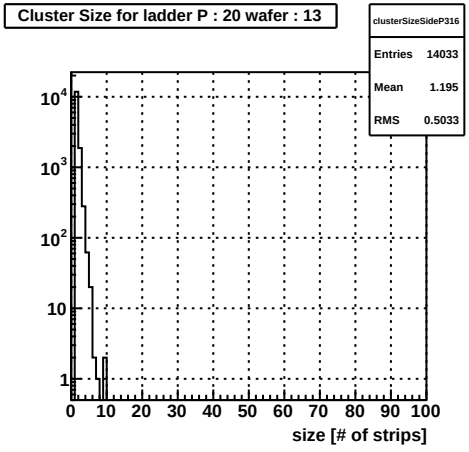

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 21776
Mean 1.105
RMS 0.359
size [# of strips]

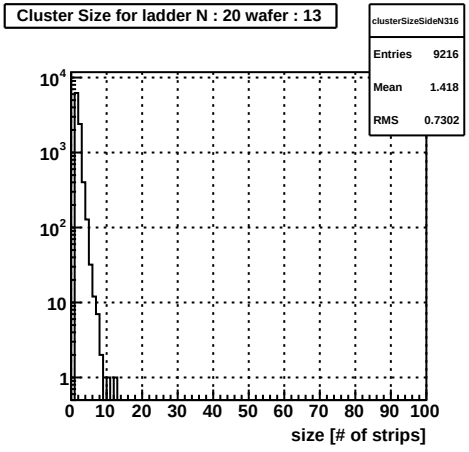

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 7847
Mean 1.607
RMS 0.7528
size [# of strips]

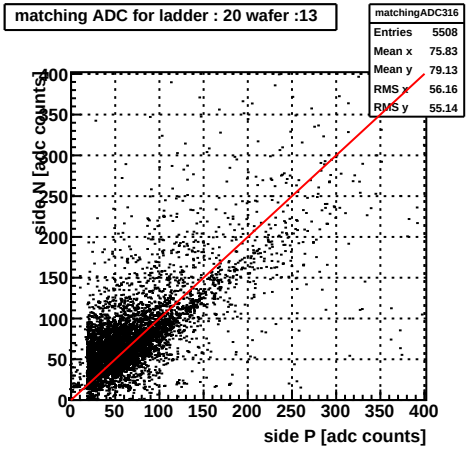

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 1899
Mean x 55.22
Mean y 66.14
RMS x 48.17
RMS y 59.6
side N [adc counts]
side P [adc counts]

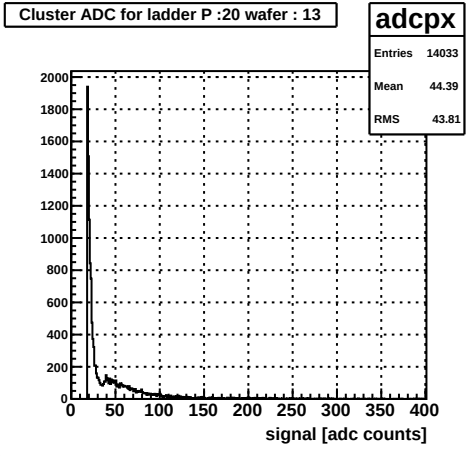

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 21776
Mean 30.07
RMS 20.11
signal [adc counts]

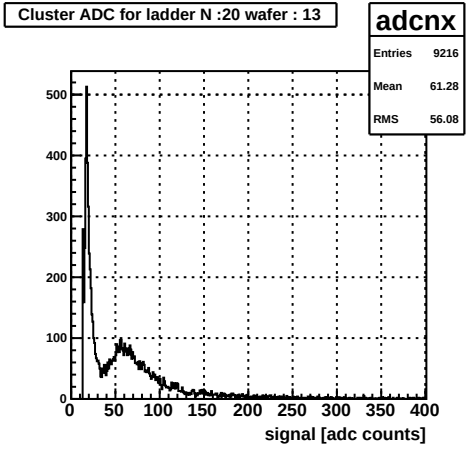

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 7847
Mean 56.81
RMS 48.62
signal [adc counts]

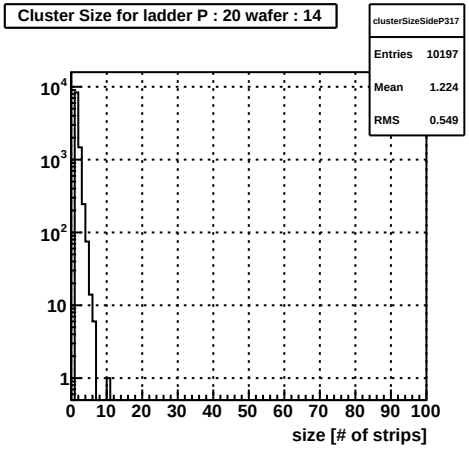

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 14033
Mean 1.195
RMS 0.5033
size [# of strips]

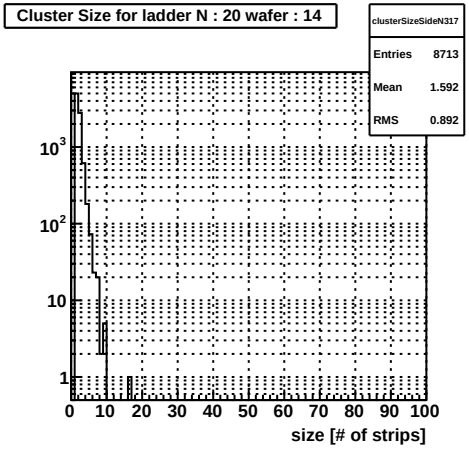

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 9216
Mean 1.418
RMS 0.7302
size [# of strips]

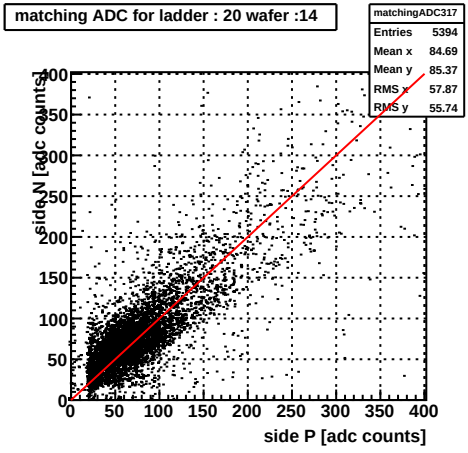

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 5508
Mean x 75.83
Mean y 79.13
RMS x 56.16
RMS y 55.14
side N [adc counts]
side P [adc counts]

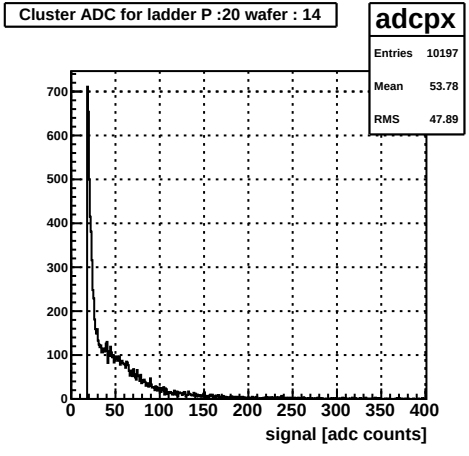

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 14033
Mean 44.39
RMS 43.81
signal [adc counts]

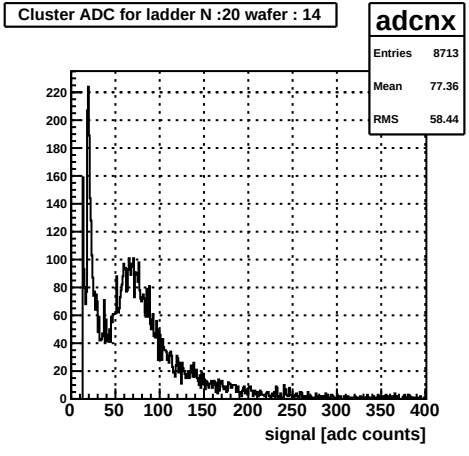

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 9216
Mean 61.28
RMS 56.08
signal [adc counts]

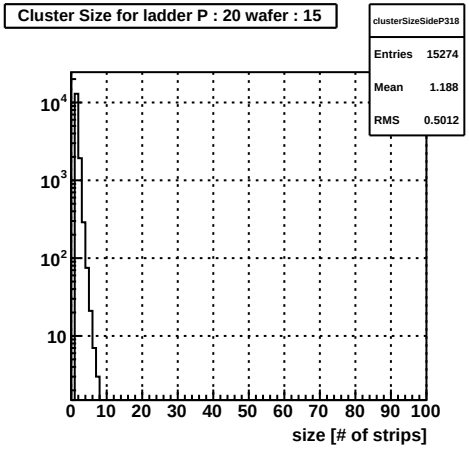

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 10197
Mean 1.224
RMS 0.549
size [# of strips]

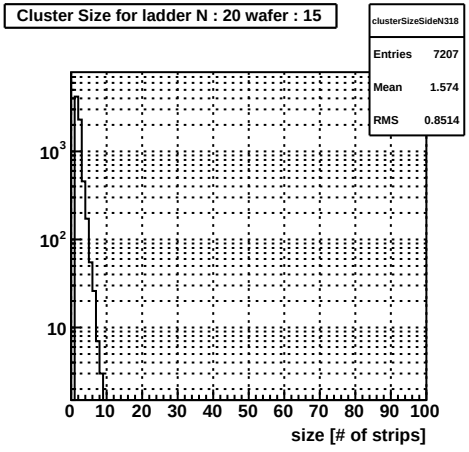

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 8713
Mean 1.592
RMS 0.892
size [# of strips]

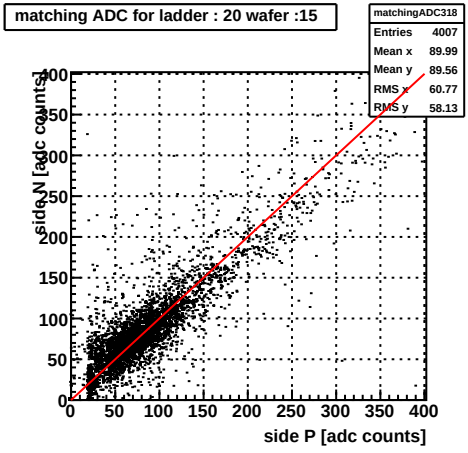

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 5394
Mean x 84.69
Mean y 85.37
RMS x 57.87
RMS y 55.74
side N [adc counts]
side P [adc counts]

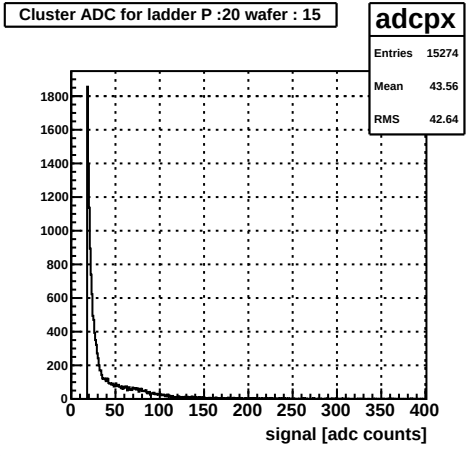

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 10197
Mean 53.78
RMS 47.89
signal [adc counts]

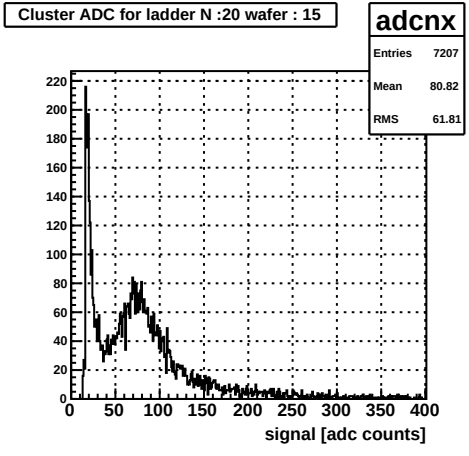

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 8713
Mean 77.36
RMS 58.44
signal [adc counts]

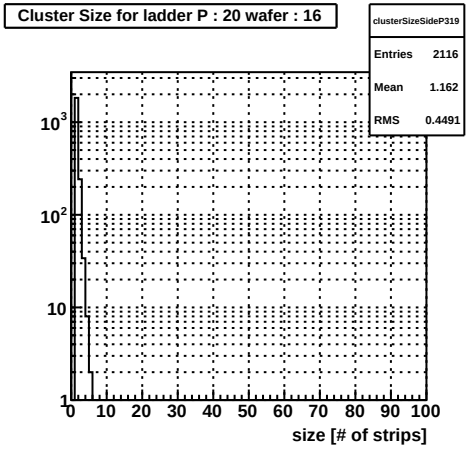

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 15274
Mean 1.188
RMS 0.5012
size [# of strips]

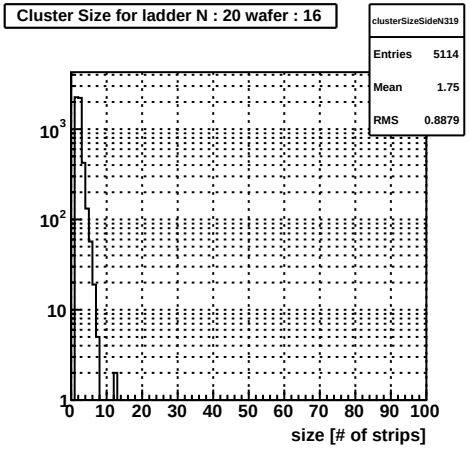

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 7207
Mean 1.574
RMS 0.8514
size [# of strips]

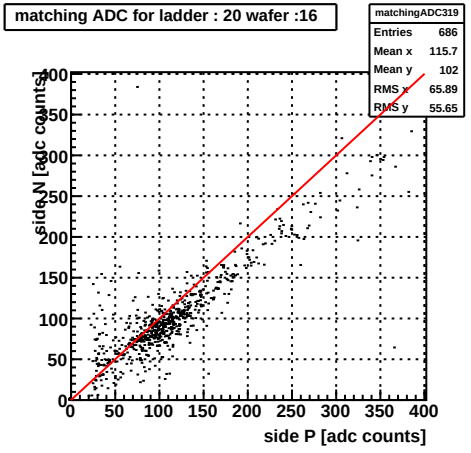

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 4007
Mean x 89.99
Mean y 89.56
RMS x 60.77
RMS y 58.13
side N [adc counts]
side P [adc counts]

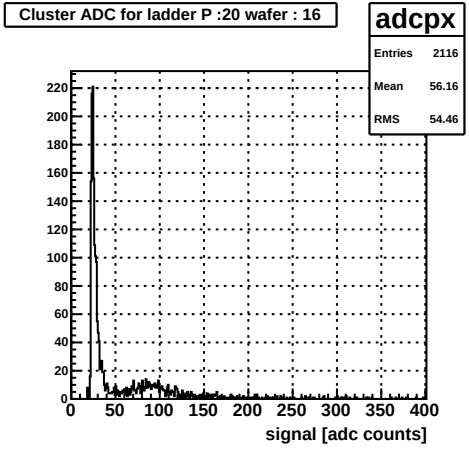

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 15274
Mean 43.56
RMS 42.64
signal [adc counts]

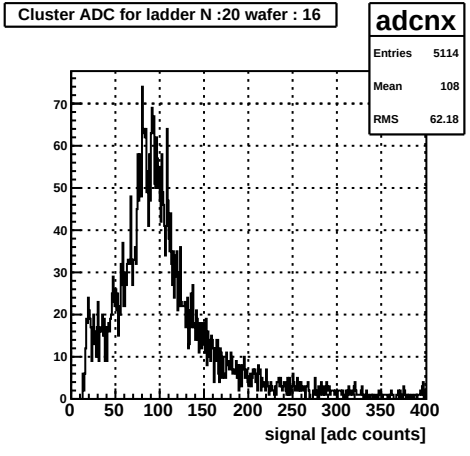

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 7207
Mean 80.82
RMS 61.81
signal [adc counts]

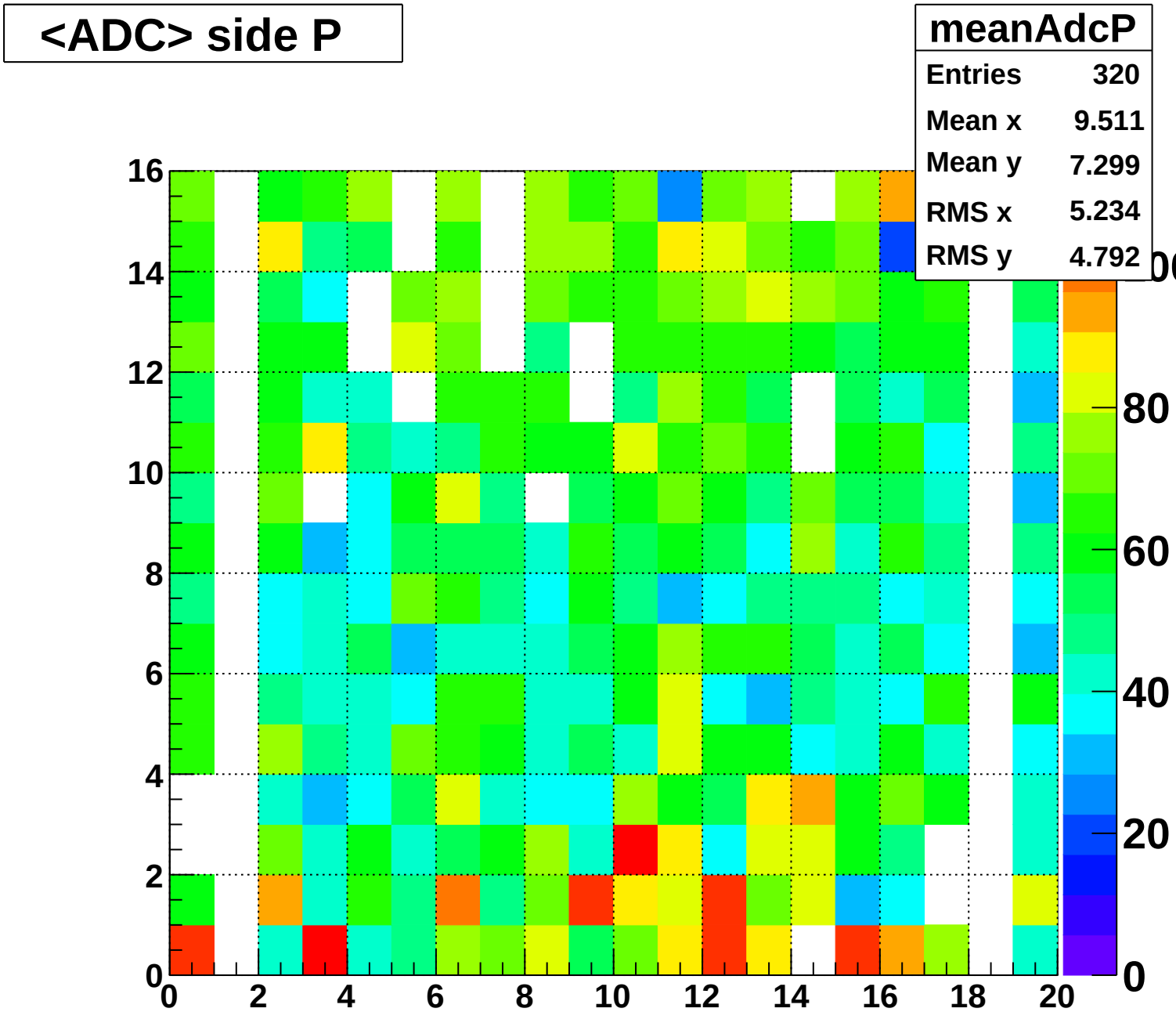

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 2116
Mean 1.162
RMS 0.4491
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 5114
Mean 1.75
RMS 0.8879
size [# of strips]

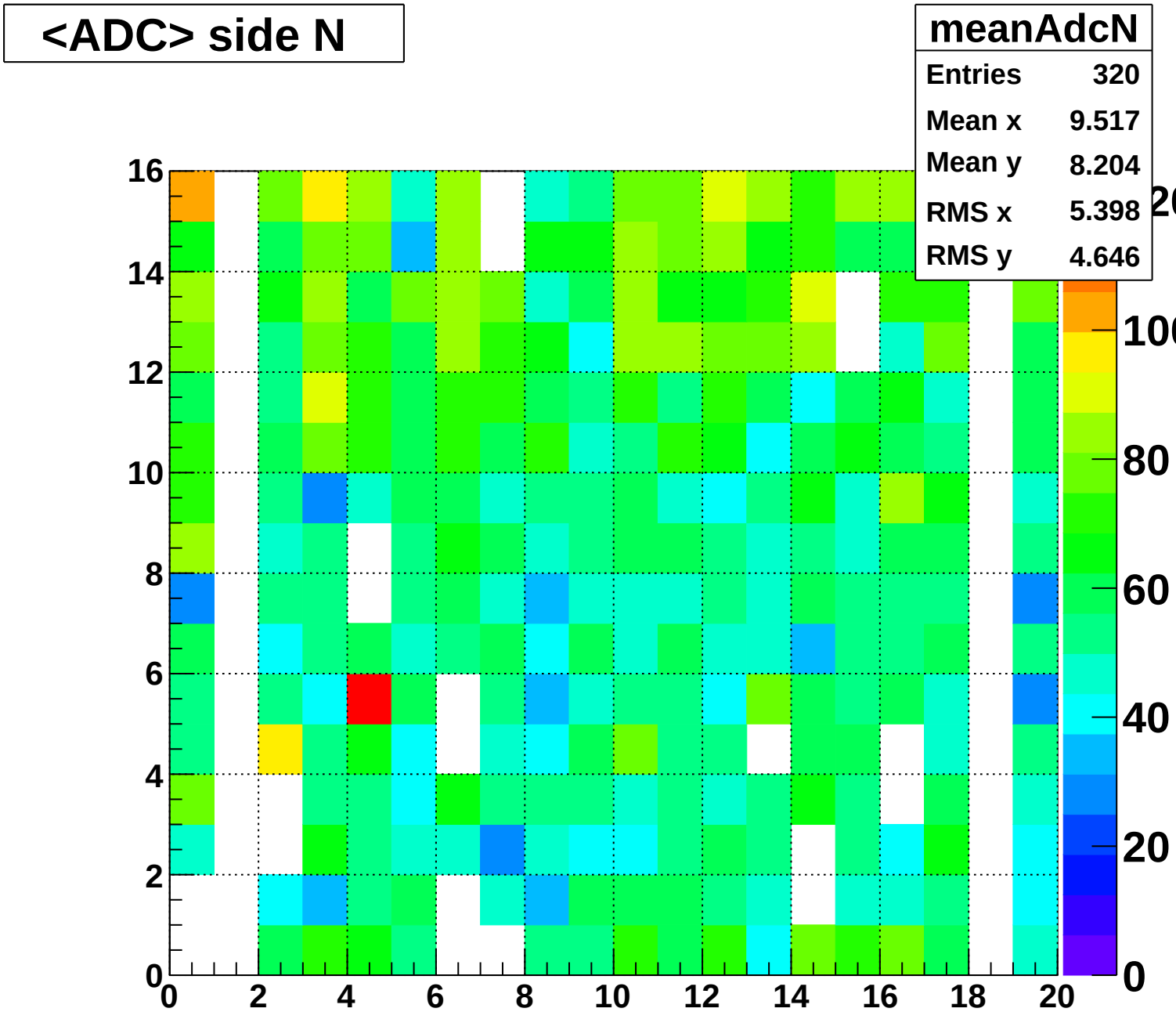

matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 686
Mean x 115.7
Mean y 102
RMS x 65.89
RMS y 55.65
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 2116
Mean 56.16
RMS 54.46
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 5114
Mean 108
RMS 62.18
signal [adc counts]



2016-06-20 20:33:10



2016-06-20 20:33:10