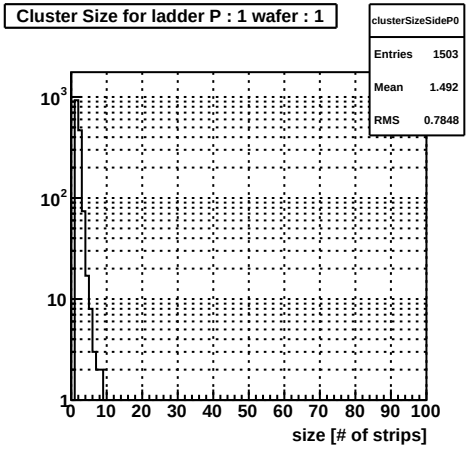
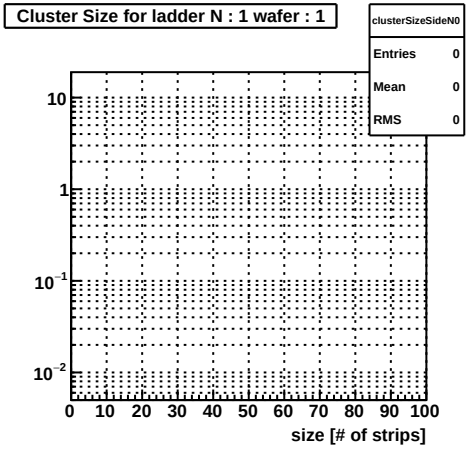
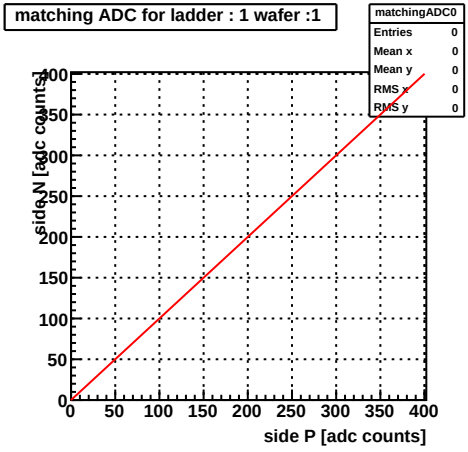
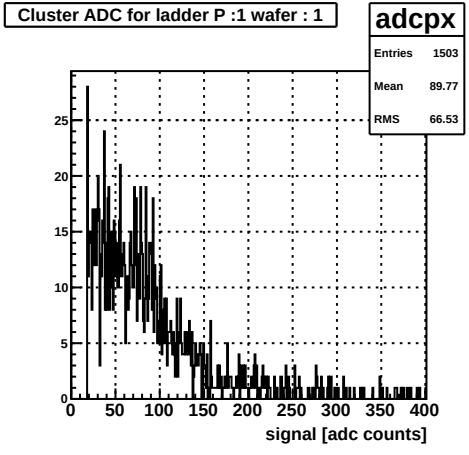
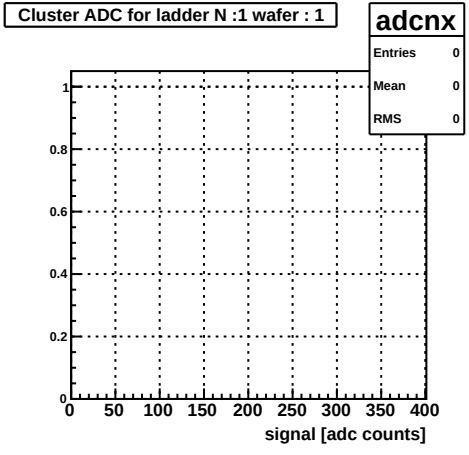
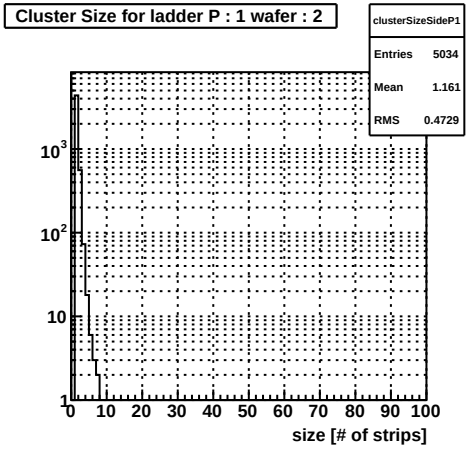

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1503
Mean 1.492
RMS 0.7848
size [# of strips]

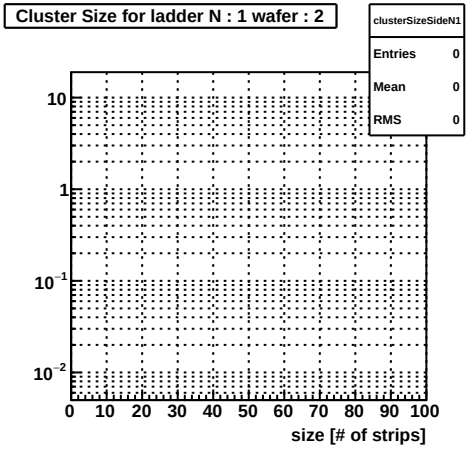

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

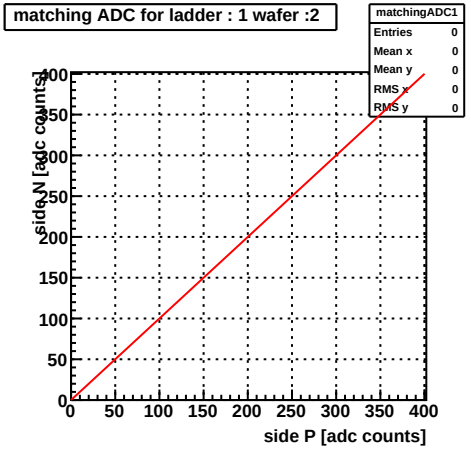

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

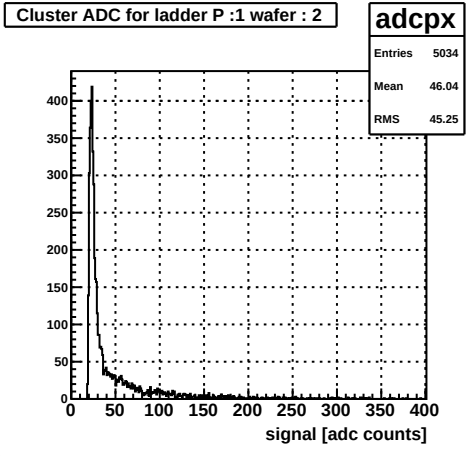

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1503
Mean 89.77
RMS 66.53
signal [adc counts]

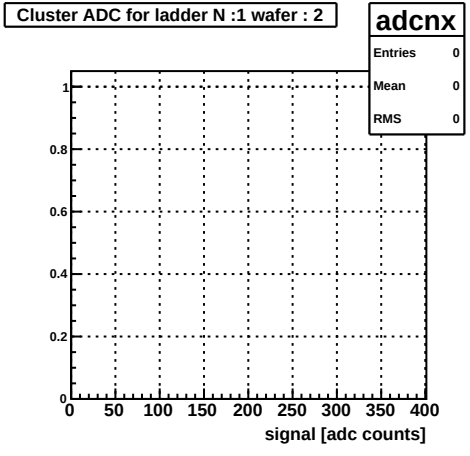

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

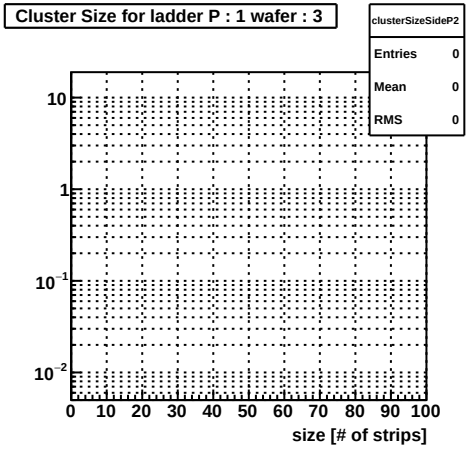

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 5034
Mean 1.161
RMS 0.4729
size [# of strips]

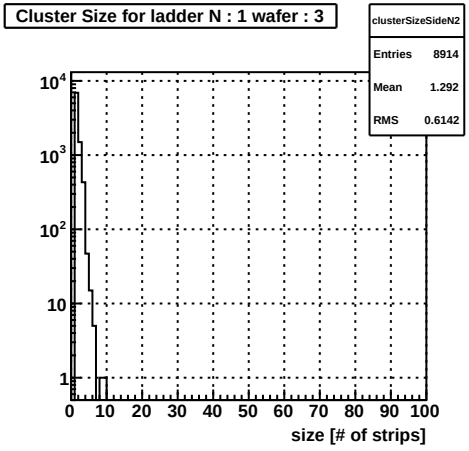

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

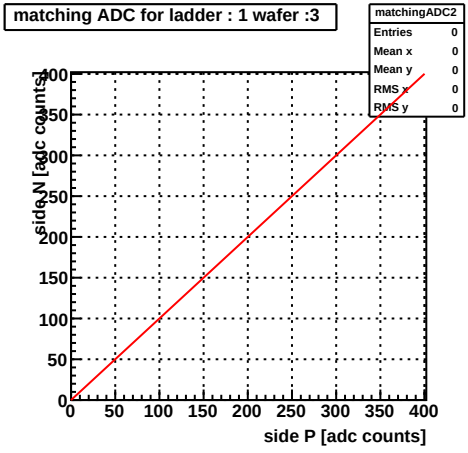

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

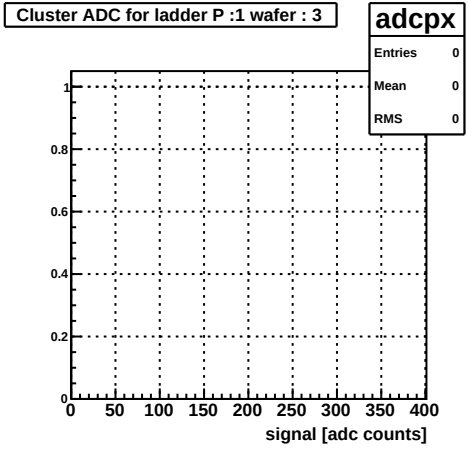

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 5034
Mean 46.04
RMS 45.25
signal [adc counts]

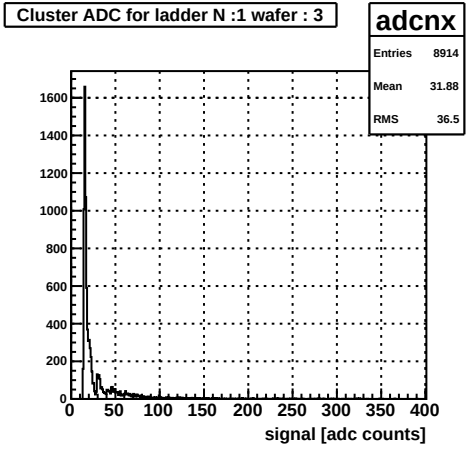

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

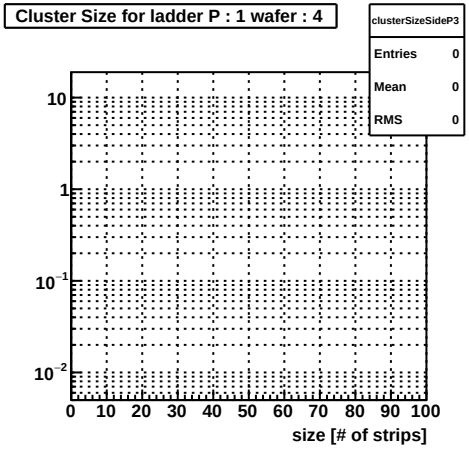

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

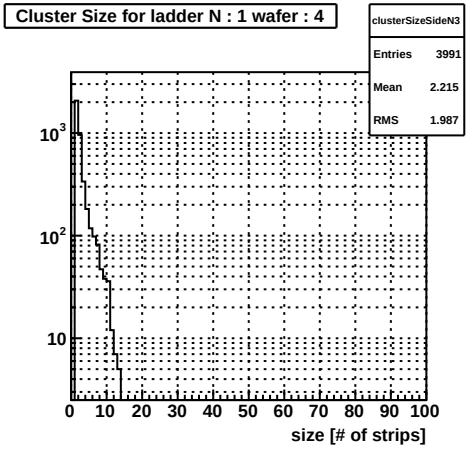

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 8914
Mean 1.292
RMS 0.6142
size [# of strips]

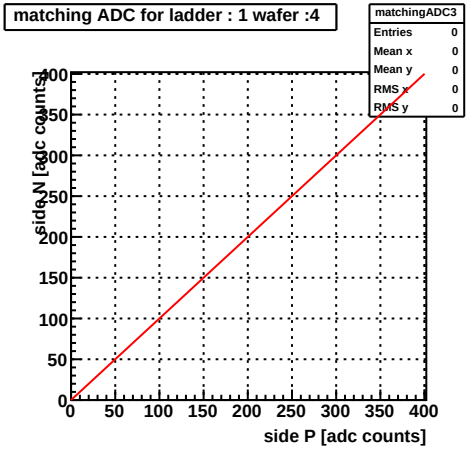

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

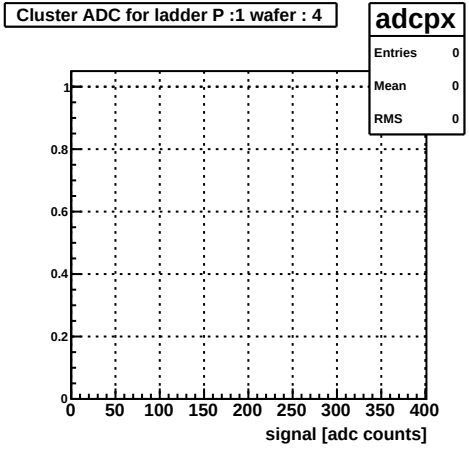

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

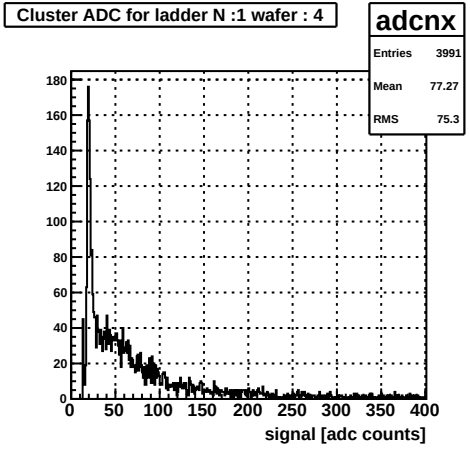

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 8914
Mean 31.88
RMS 36.5
signal [adc counts]

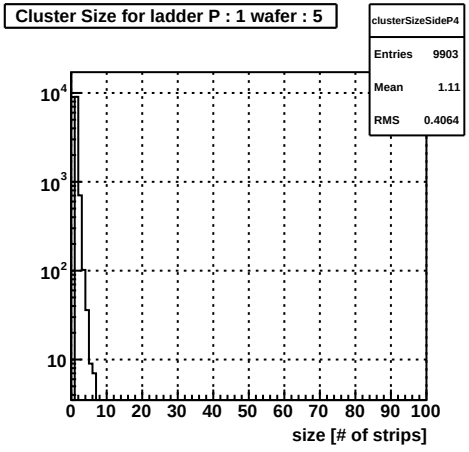

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

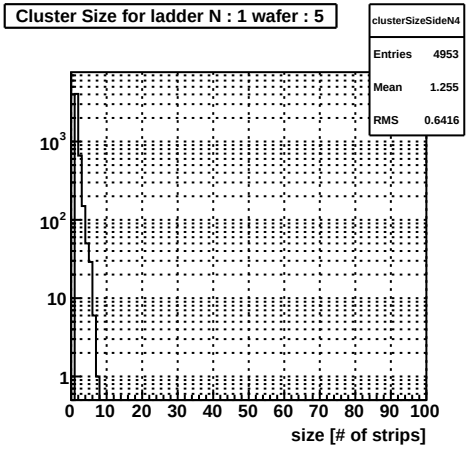

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3991
Mean 2.215
RMS 1.987
size [# of strips]

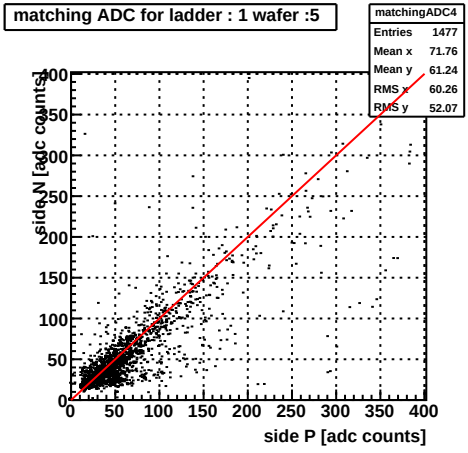

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

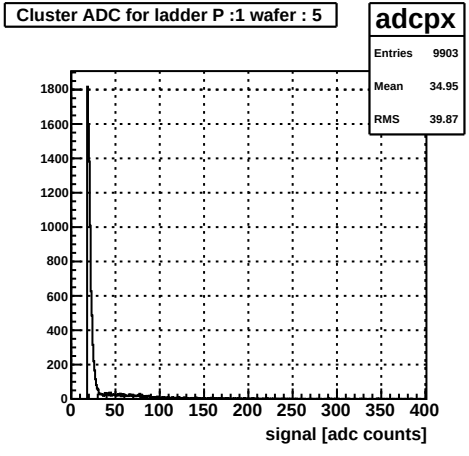

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

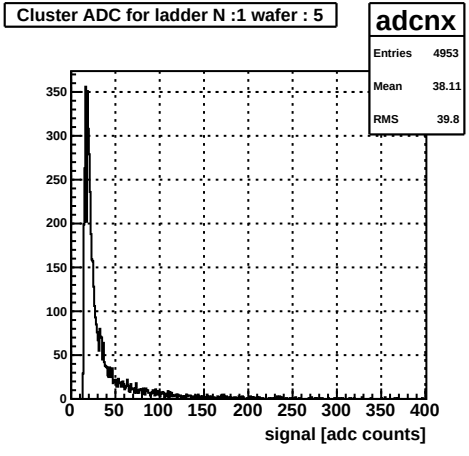

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3991
Mean 77.27
RMS 75.3
signal [adc counts]

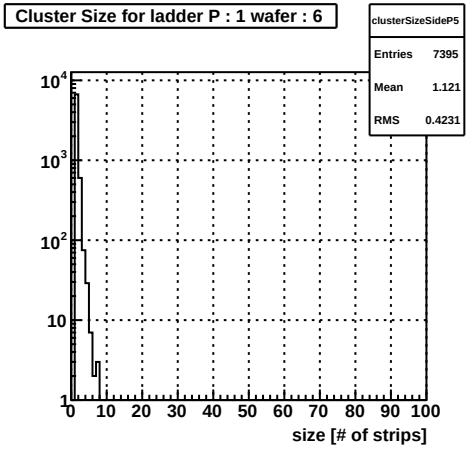

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 9903
Mean 1.11
RMS 0.4064
size [# of strips]

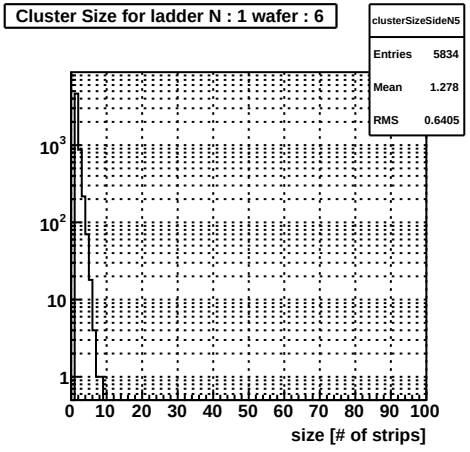

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4953
Mean 1.255
RMS 0.6416
size [# of strips]

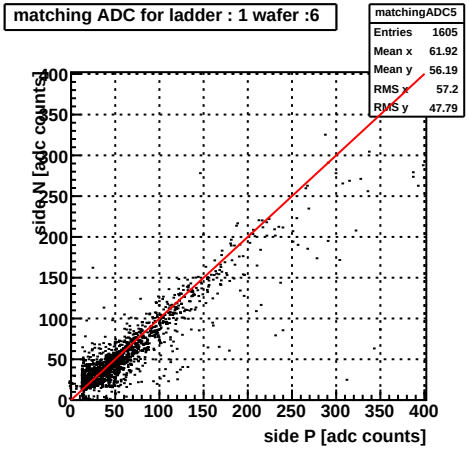

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1477
Mean x 71.76
Mean y 61.24
RMS x 60.26
RMS y 52.07
side N [adc counts]
side P [adc counts]

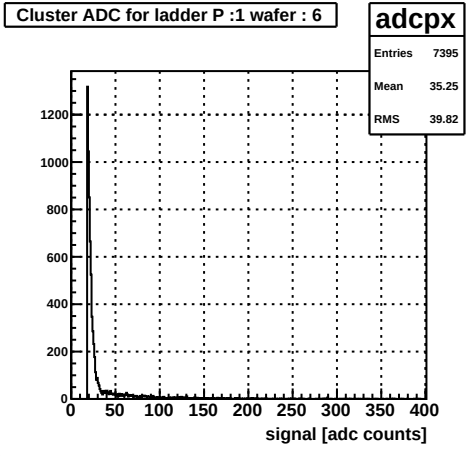

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 9903
Mean 34.95
RMS 39.87
signal [adc counts]

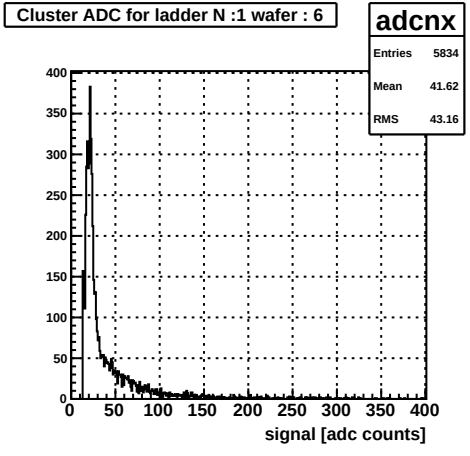

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4953
Mean 38.11
RMS 39.8
signal [adc counts]

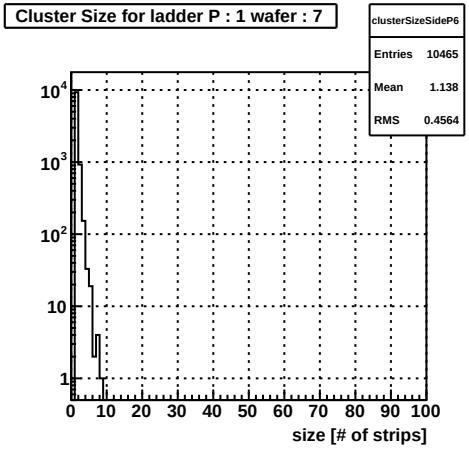

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 7395
Mean 1.121
RMS 0.4231
size [# of strips]

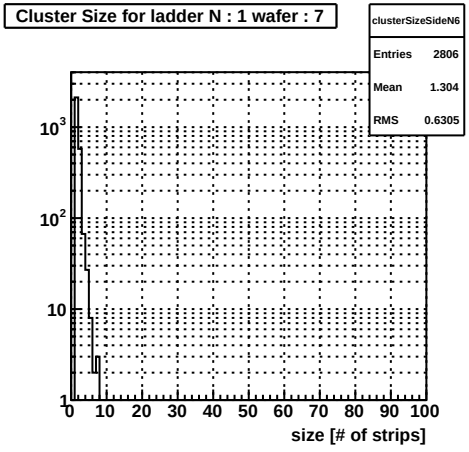

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 5834
Mean 1.278
RMS 0.6405
size [# of strips]

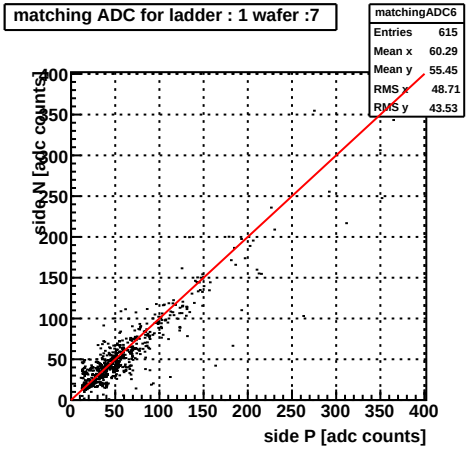

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1605
Mean x 61.92
Mean y 56.19
RMS x 57.2
RMS y 47.79
side N [adc counts]
side P [adc counts]

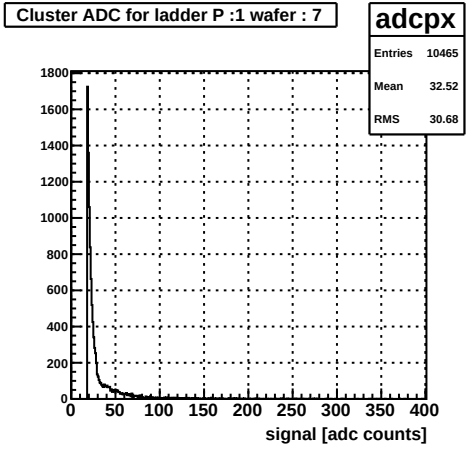

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 7395
Mean 35.25
RMS 39.82
signal [adc counts]

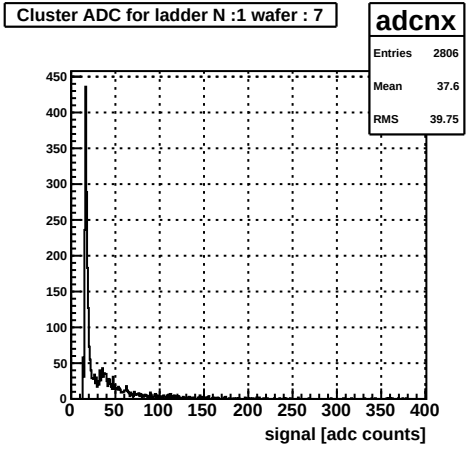

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 5834
Mean 41.62
RMS 43.16
signal [adc counts]

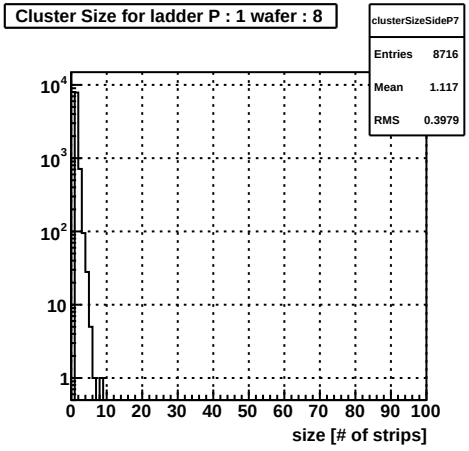

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 10465
Mean 1.138
RMS 0.4564
size [# of strips]

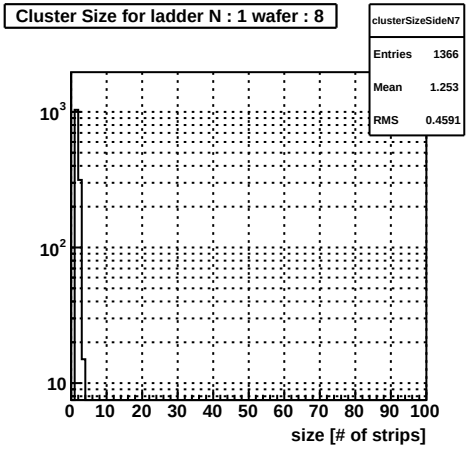

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2806
Mean 1.304
RMS 0.6305
size [# of strips]

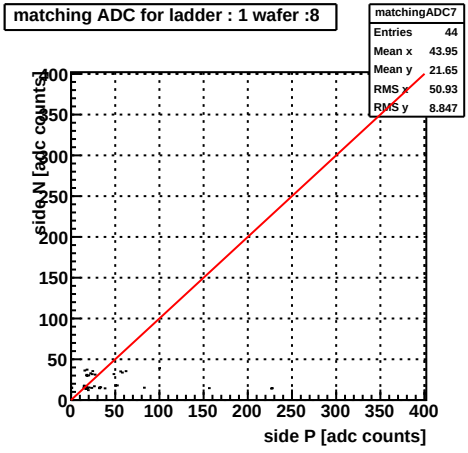

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 615
Mean x 60.29
Mean y 55.45
RMS x 48.71
RMS y 43.53
side N [adc counts]
side P [adc counts]

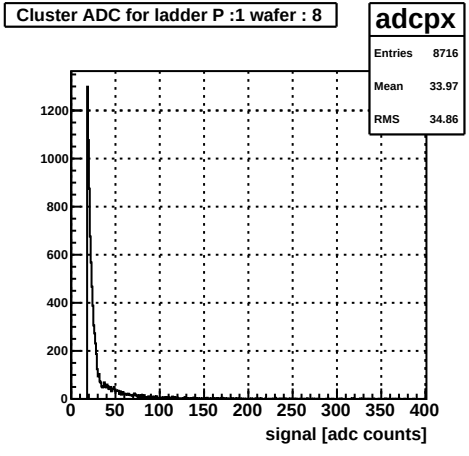

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 10465
Mean 32.52
RMS 30.68
signal [adc counts]

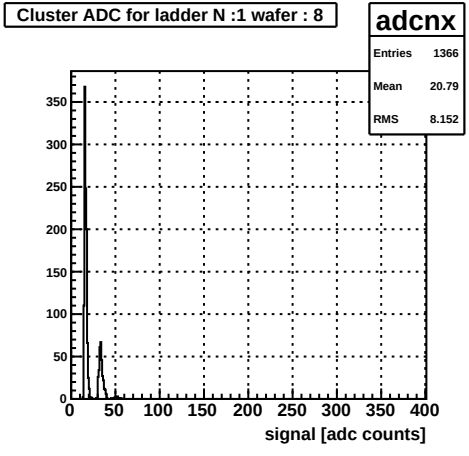

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2806
Mean 37.6
RMS 39.75
signal [adc counts]

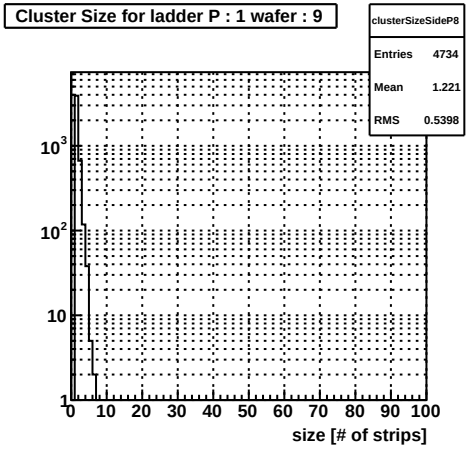

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 8716
Mean 1.117
RMS 0.3979
size [# of strips]

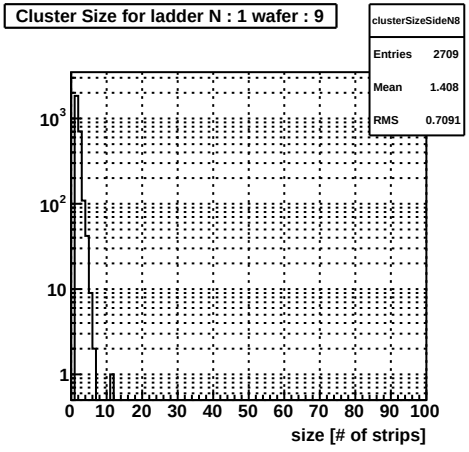

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 1366
Mean 1.253
RMS 0.4591
size [# of strips]

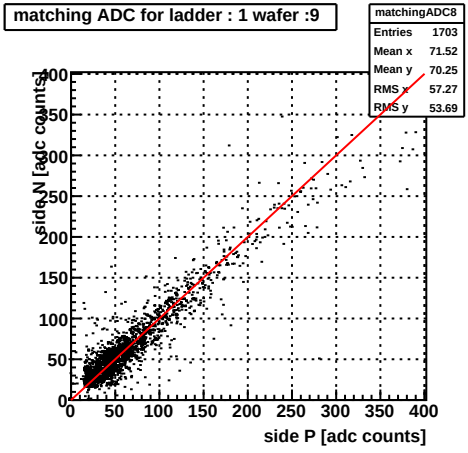

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 44
Mean x 43.95
Mean y 21.65
RMS x 50.93
RMS y 8.847
side N [adc counts]
side P [adc counts]

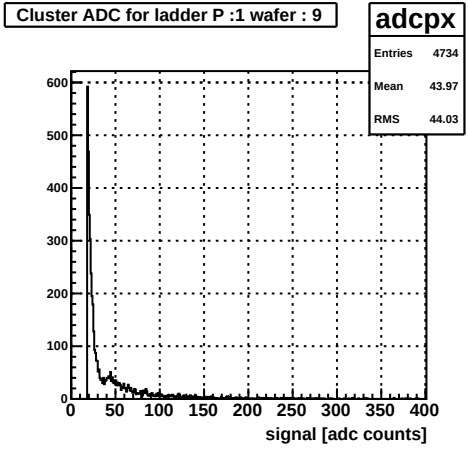

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 8716
Mean 33.97
RMS 34.86
signal [adc counts]

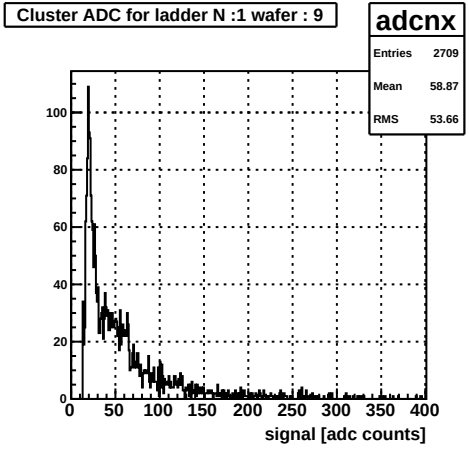

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 1366
Mean 20.79
RMS 8.152
signal [adc counts]

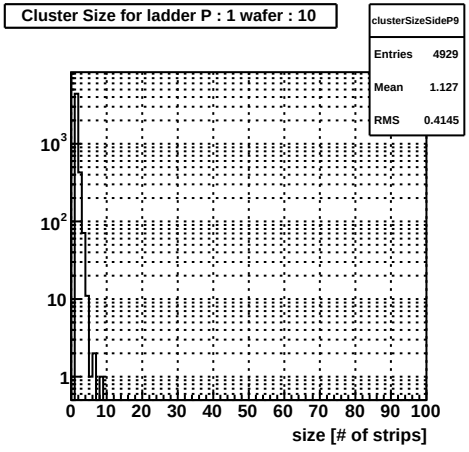

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 4734
Mean 1.221
RMS 0.5398
size [# of strips]

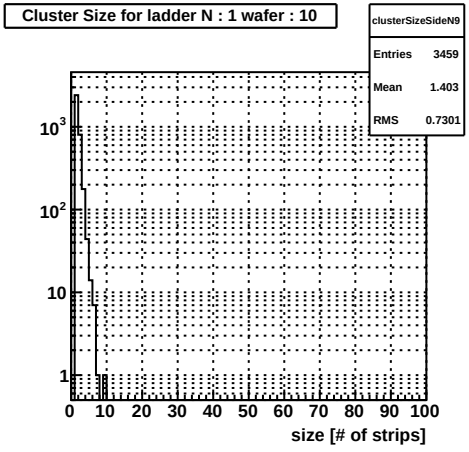

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2709
Mean 1.408
RMS 0.7091
size [# of strips]

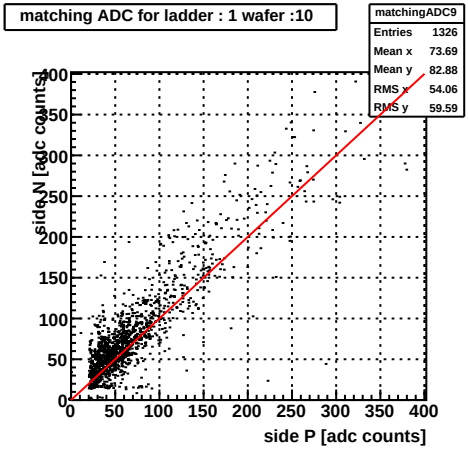

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1703
Mean x 71.52
Mean y 70.25
RMS x 57.27
RMS y 53.69
side N [adc counts]
side P [adc counts]

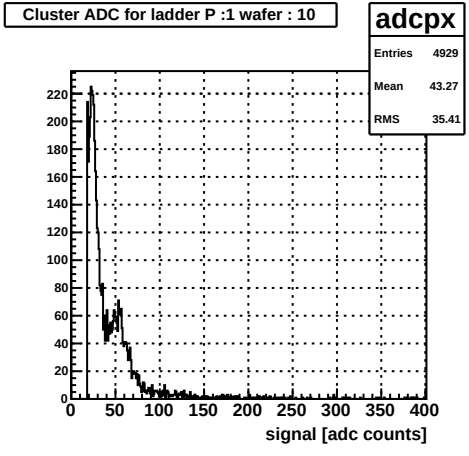

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 4734
Mean 43.97
RMS 44.03
signal [adc counts]

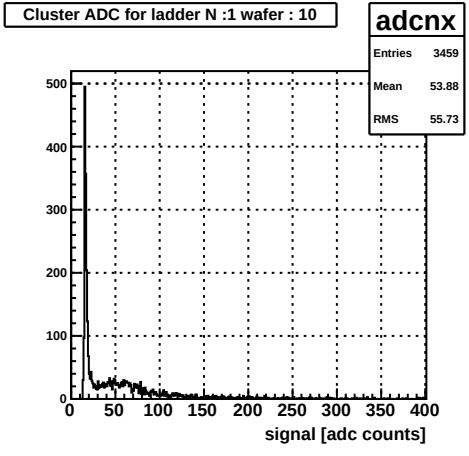

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2709
Mean 58.87
RMS 53.66
signal [adc counts]

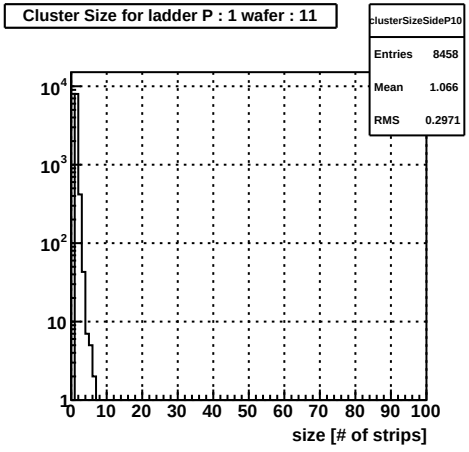

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 4929
Mean 1.127
RMS 0.4145
size [# of strips]

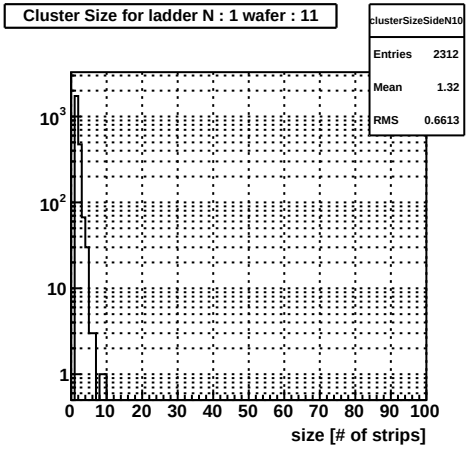

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3459
Mean 1.403
RMS 0.7301
size [# of strips]

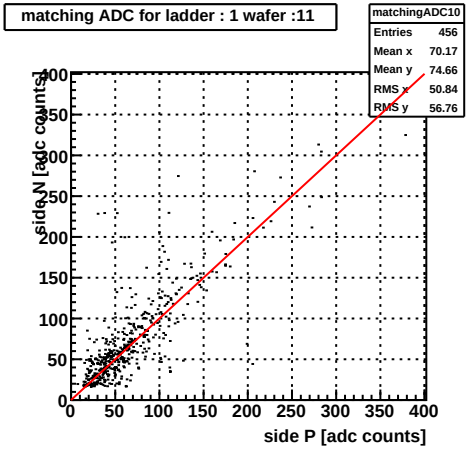

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1326
Mean x 73.69
Mean y 82.88
RMS x 54.06
RMS y 59.59
side N [adc counts]
side P [adc counts]

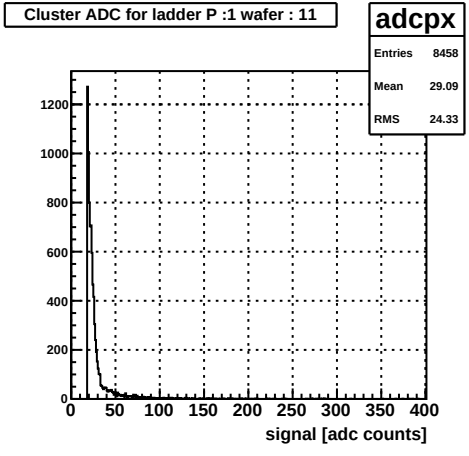

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 4929
Mean 43.27
RMS 35.41
signal [adc counts]

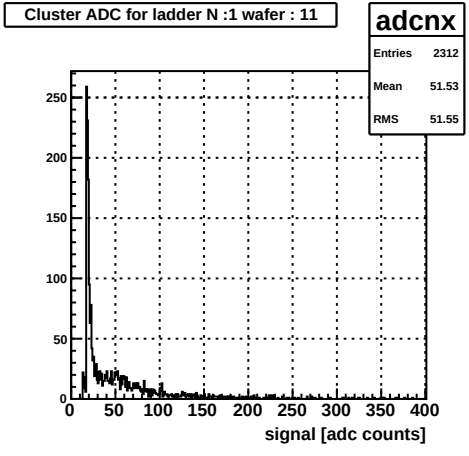

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3459
Mean 53.88
RMS 55.73
signal [adc counts]

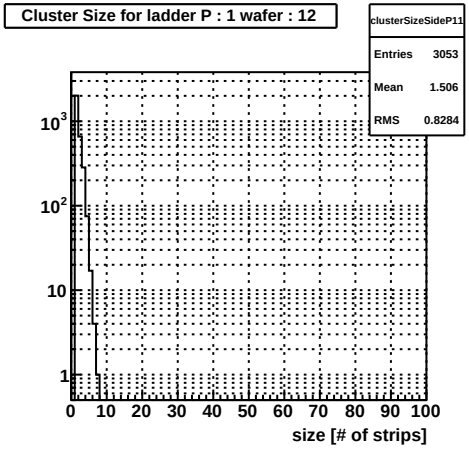

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 8458
Mean 1.066
RMS 0.2971
size [# of strips]

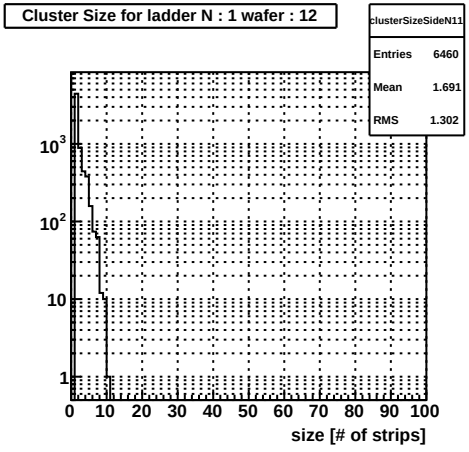

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2312
Mean 1.32
RMS 0.6613
size [# of strips]

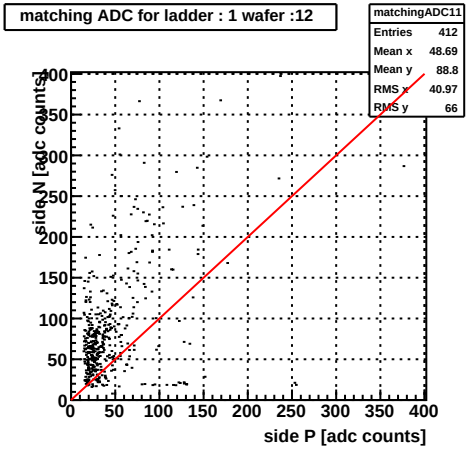

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 456
Mean x 70.17
Mean y 74.66
RMS x 50.84
RMS y 56.76
side N [adc counts]
side P [adc counts]

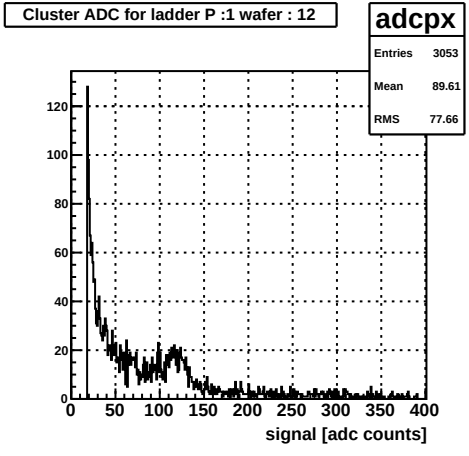

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 8458
Mean 29.09
RMS 24.33
signal [adc counts]

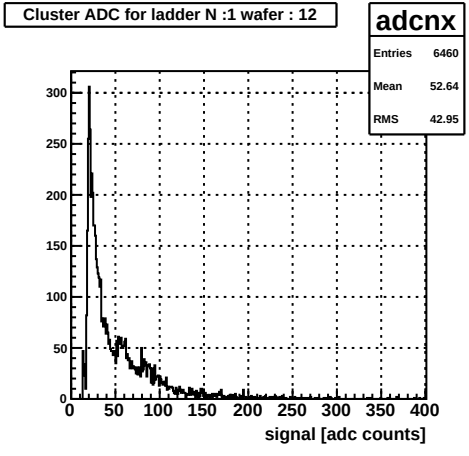

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2312
Mean 51.53
RMS 51.55
signal [adc counts]

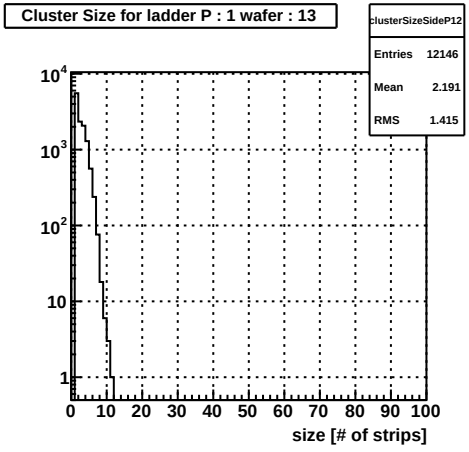

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 3053
Mean 1.506
RMS 0.8284
size [# of strips]

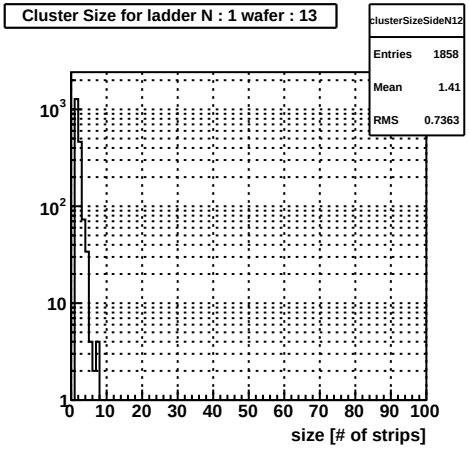

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 6460
Mean 1.691
RMS 1.302
size [# of strips]

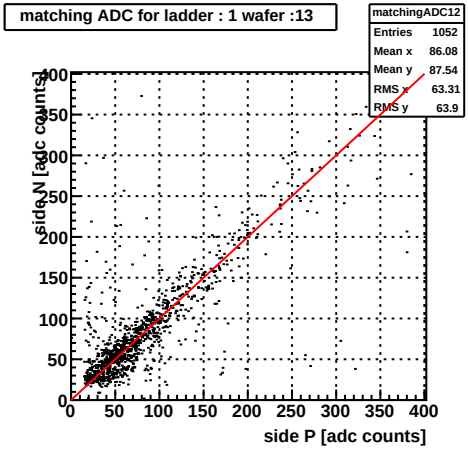

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 412
Mean x 48.69
Mean y 88.8
RMS x 40.97
RMS y 66
side N [adc counts]
side P [adc counts]

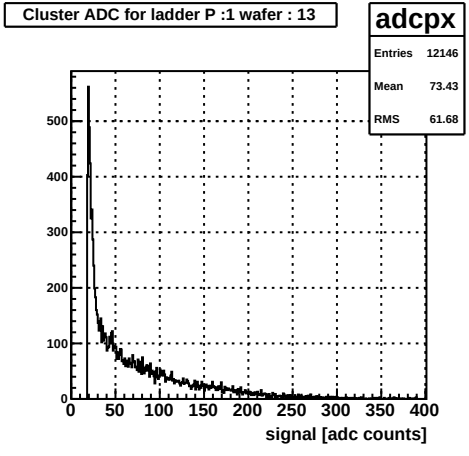

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 3053
Mean 89.61
RMS 77.66
signal [adc counts]

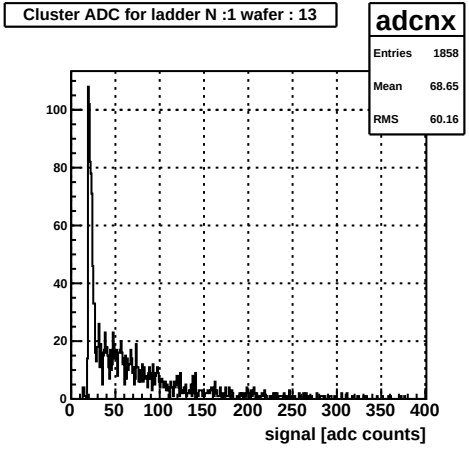

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 6460
Mean 52.64
RMS 42.95
signal [adc counts]

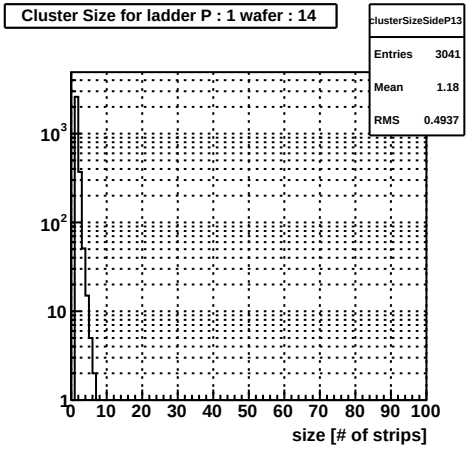

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 12146
Mean 2.191
RMS 1.415
size [# of strips]

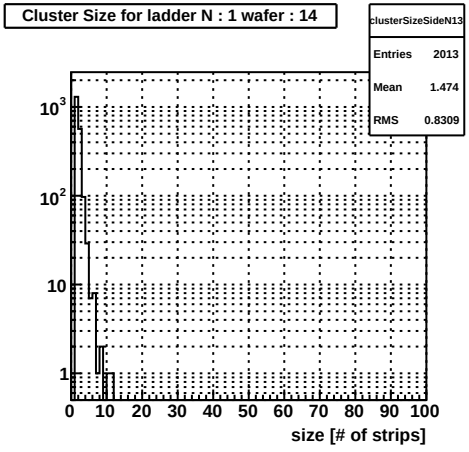

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1858
Mean 1.41
RMS 0.7363
size [# of strips]

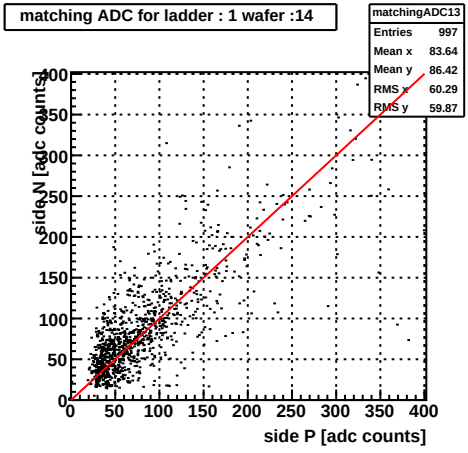

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1052
Mean x 86.08
Mean y 87.54
RMS x 63.31
RMS y 63.9
side N [adc counts]
side P [adc counts]

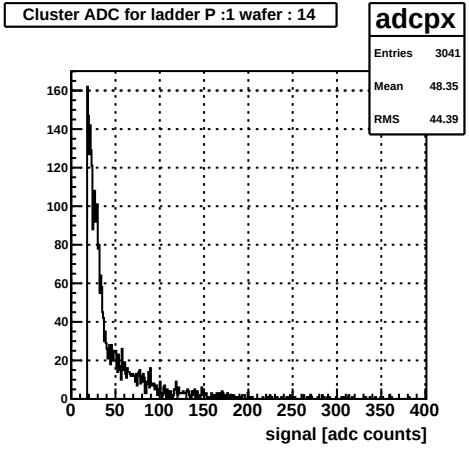

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 12146
Mean 73.43
RMS 61.68
signal [adc counts]

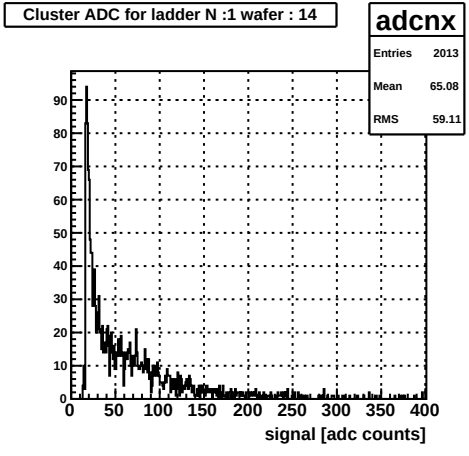

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1858
Mean 68.65
RMS 60.16
signal [adc counts]

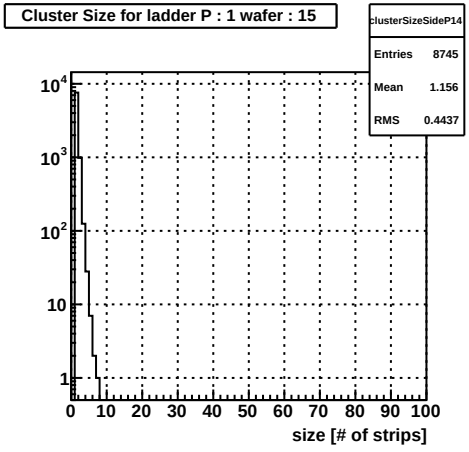

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 3041
Mean 1.18
RMS 0.4937
size [# of strips]

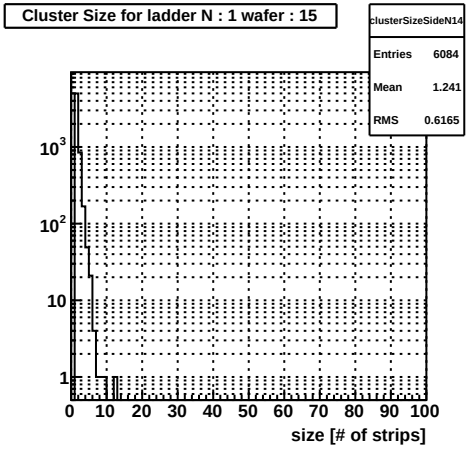

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2013
Mean 1.474
RMS 0.8309
size [# of strips]

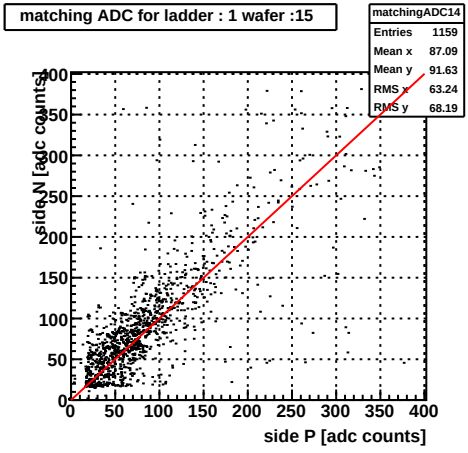

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 997
Mean x 83.64
Mean y 86.42
RMS x 60.29
RMS y 59.87
side N [adc counts]
side P [adc counts]

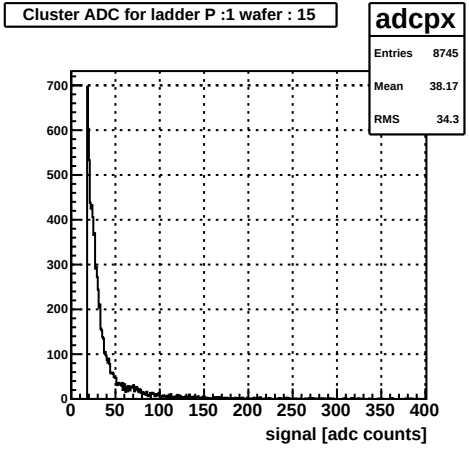

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 3041
Mean 48.35
RMS 44.39
signal [adc counts]

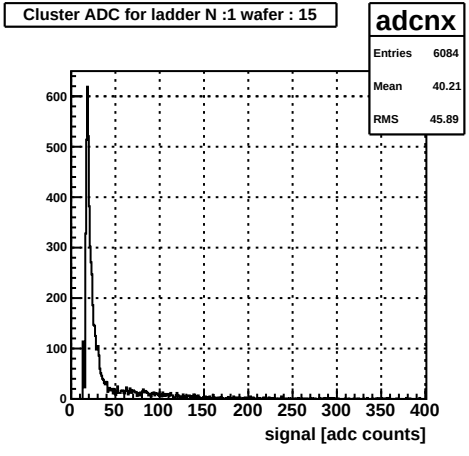

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2013
Mean 65.08
RMS 59.11
signal [adc counts]

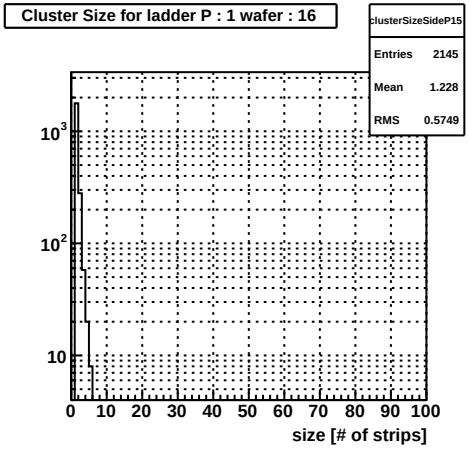

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 8745
Mean 1.156
RMS 0.4437
size [# of strips]

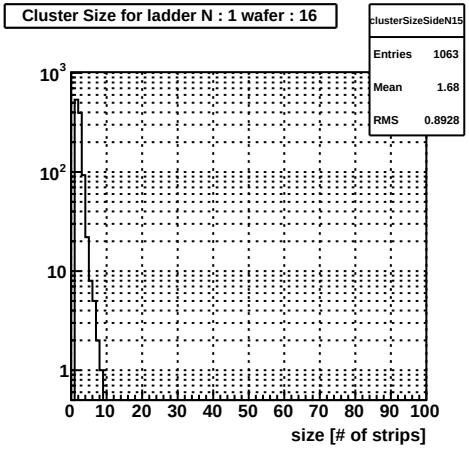

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 6084
Mean 1.241
RMS 0.6165
size [# of strips]

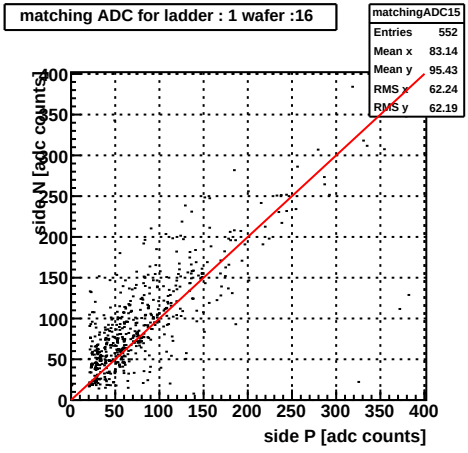

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1159
Mean x 87.09
Mean y 91.63
RMS x 63.24
RMS y 68.19
side N [adc counts]
side P [adc counts]

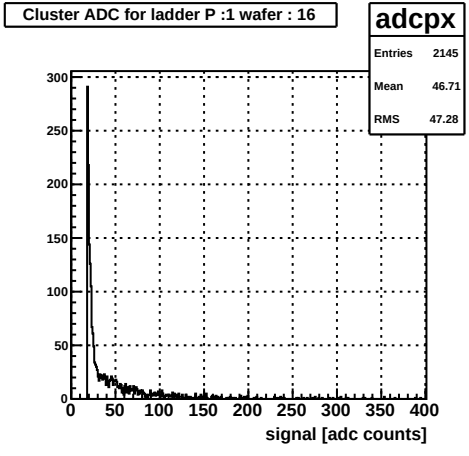

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 8745
Mean 38.17
RMS 34.3
signal [adc counts]

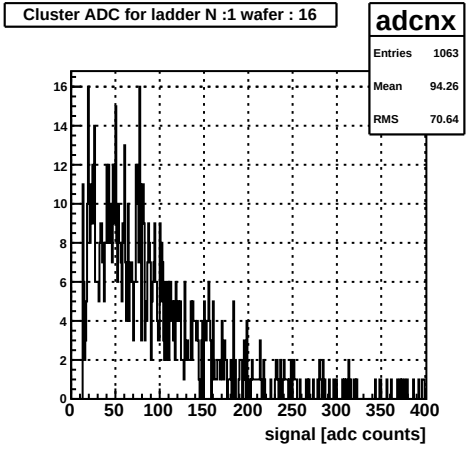

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 6084
Mean 40.21
RMS 45.89
signal [adc counts]

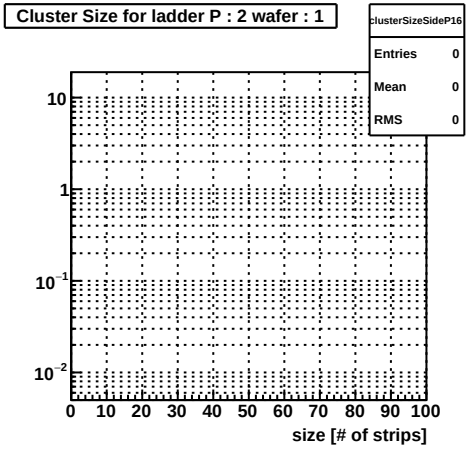

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2145
Mean 1.228
RMS 0.5749
size [# of strips]

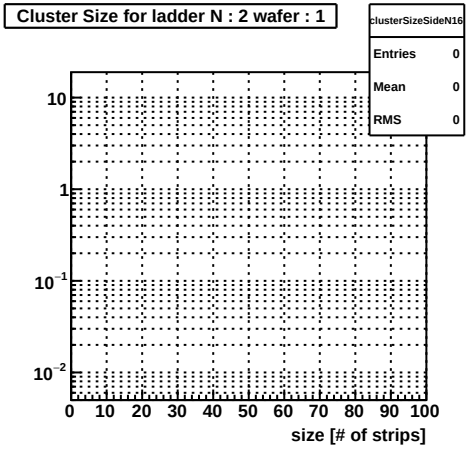

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1063
Mean 1.68
RMS 0.8928
size [# of strips]

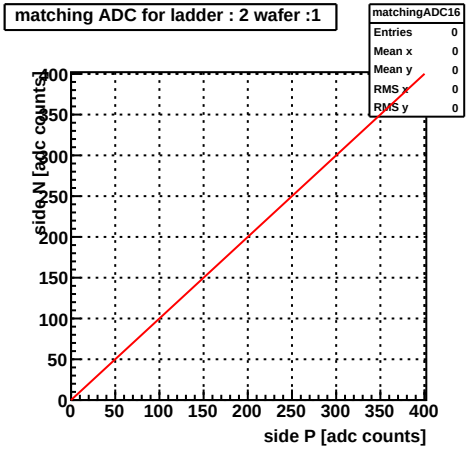

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 552
Mean x 83.14
Mean y 95.43
RMS x 62.24
RMS y 62.19
side N [adc counts]
side P [adc counts]

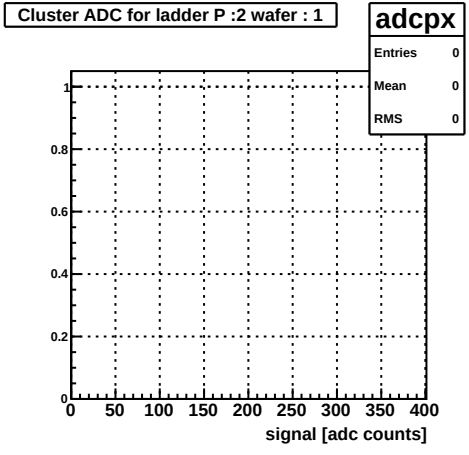

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2145
Mean 46.71
RMS 47.28
signal [adc counts]

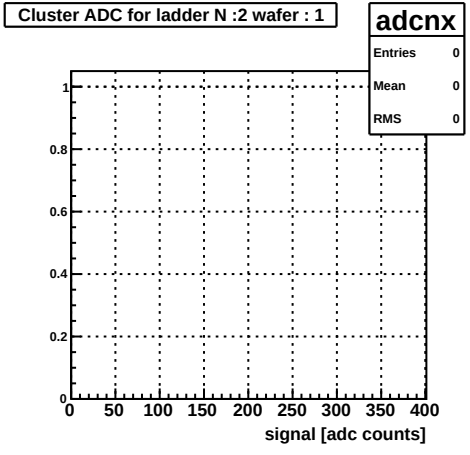

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1063
Mean 94.26
RMS 70.64
signal [adc counts]

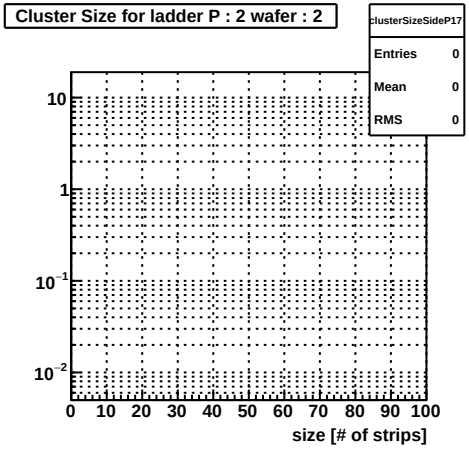

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

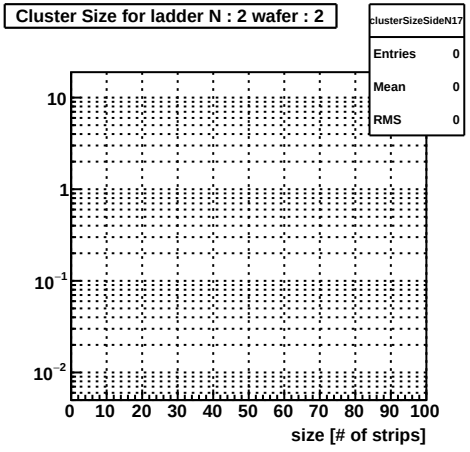

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

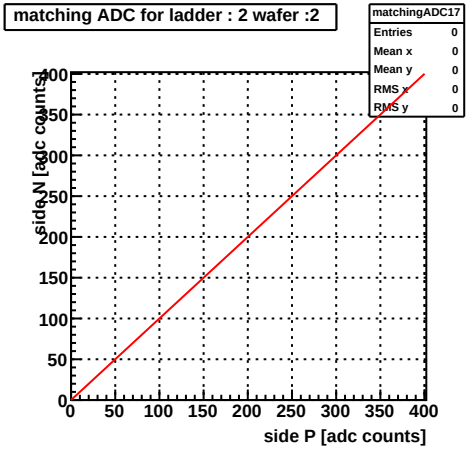

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

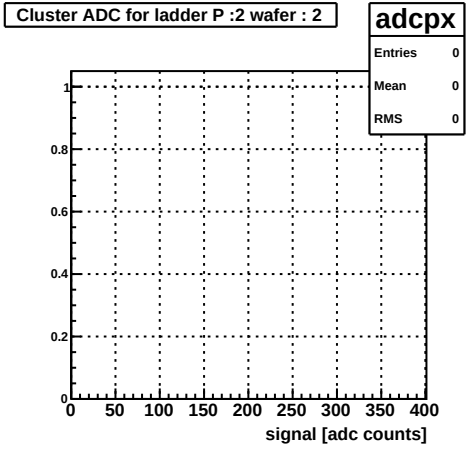

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

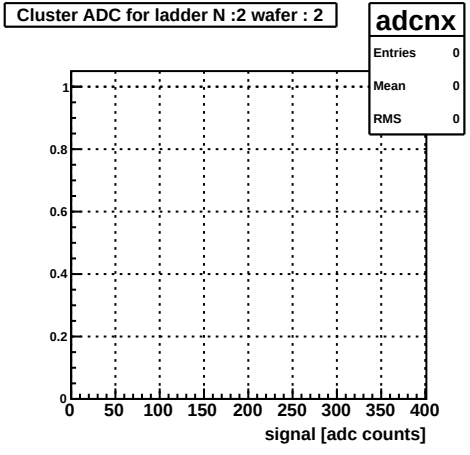

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

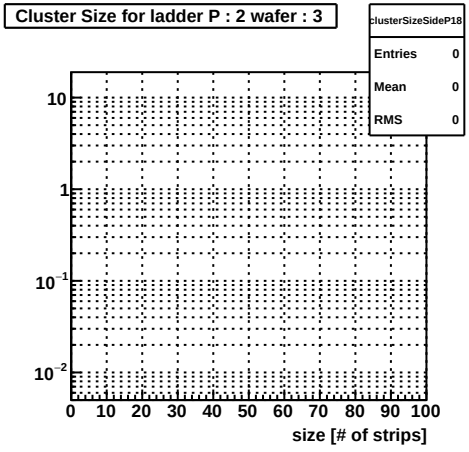

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

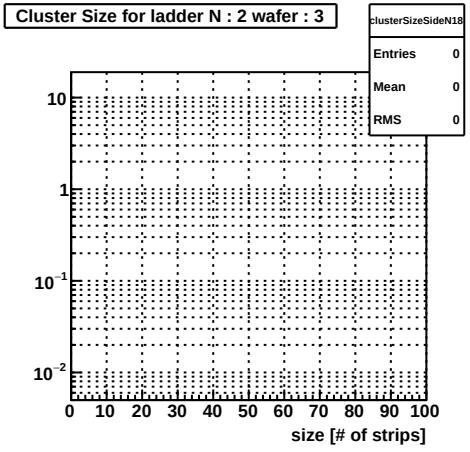

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

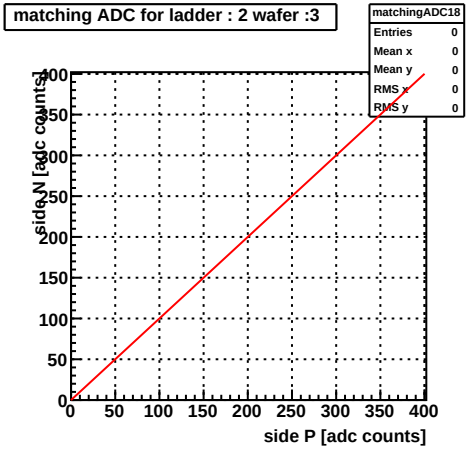

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

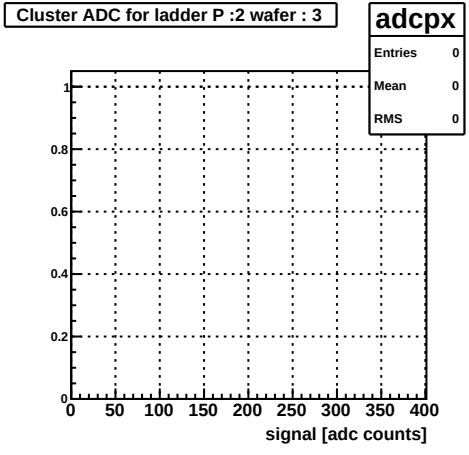

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

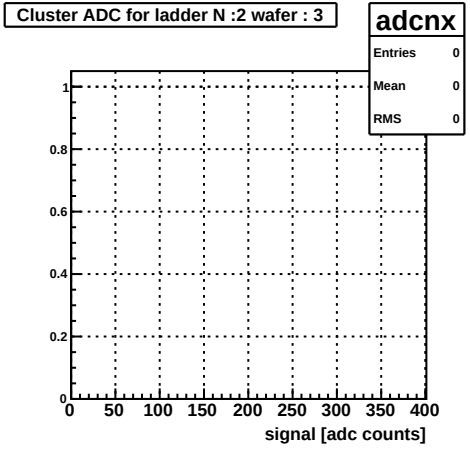

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

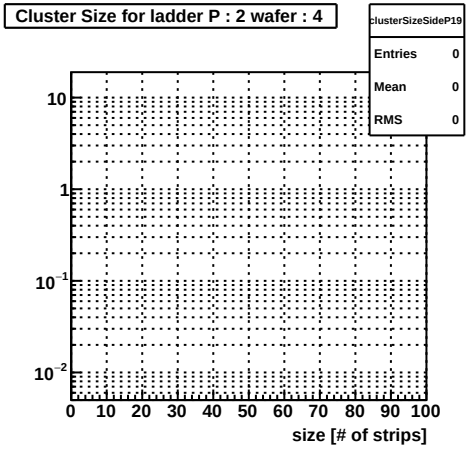

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

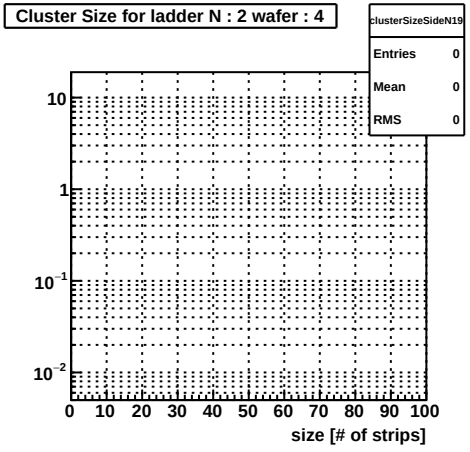

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

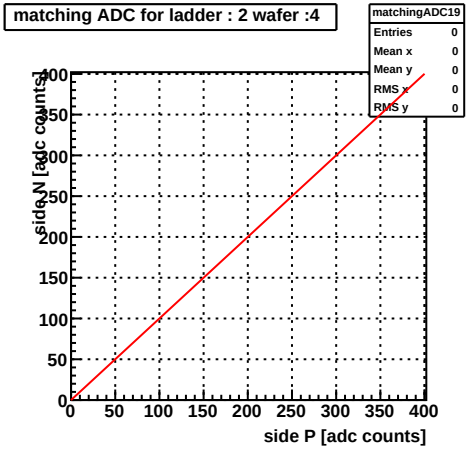

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

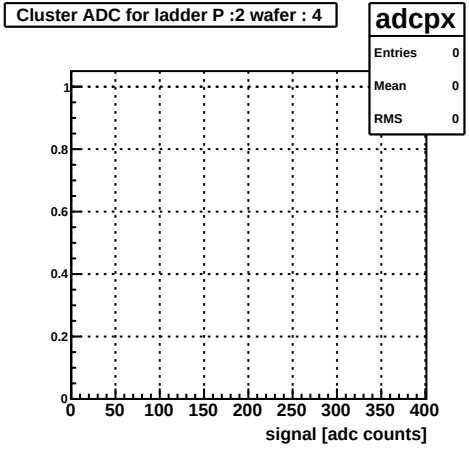

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

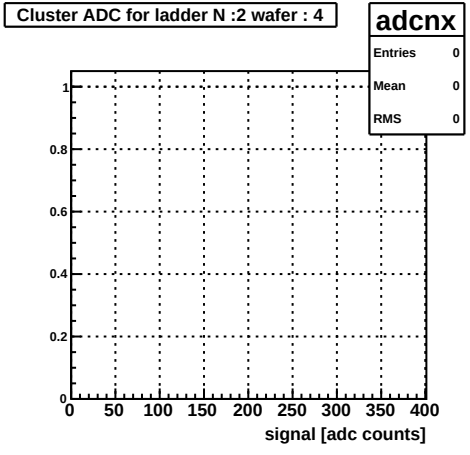

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

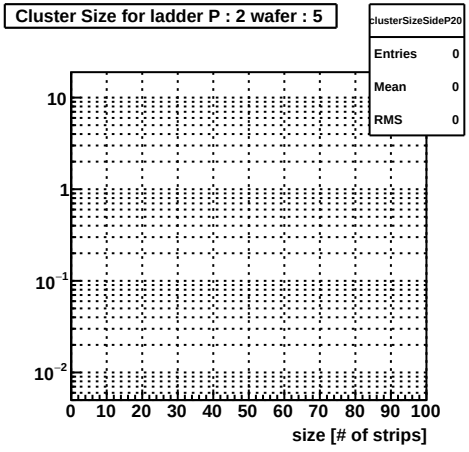

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

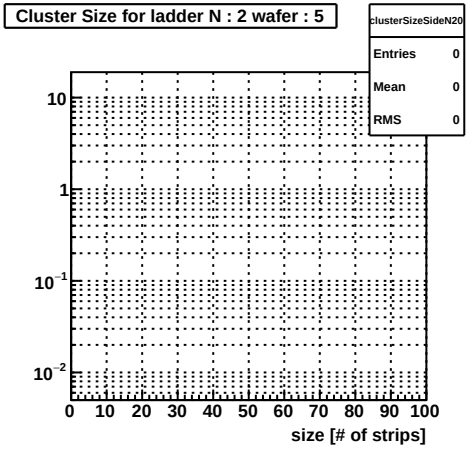

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

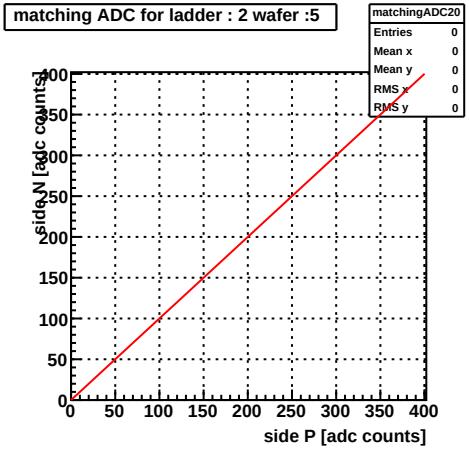

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

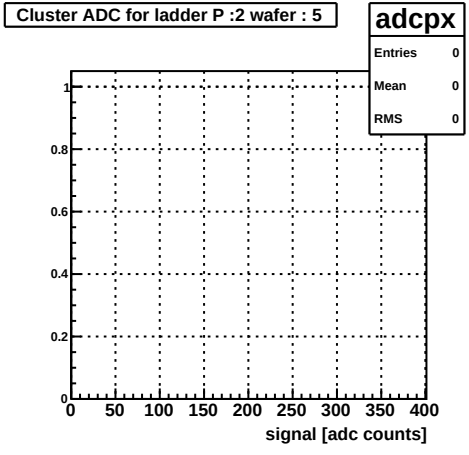

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

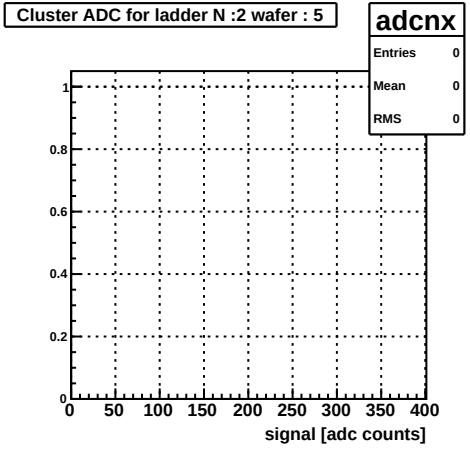

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

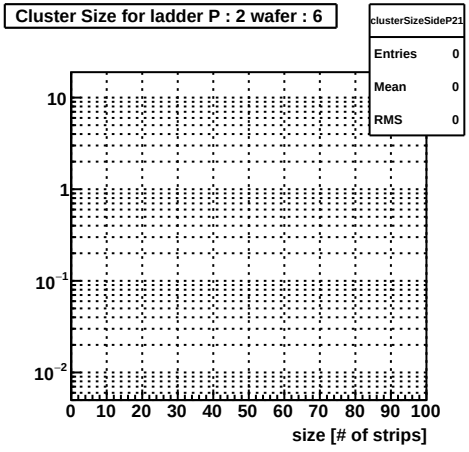

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

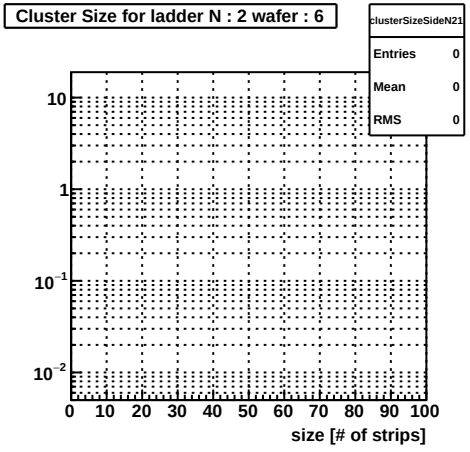

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

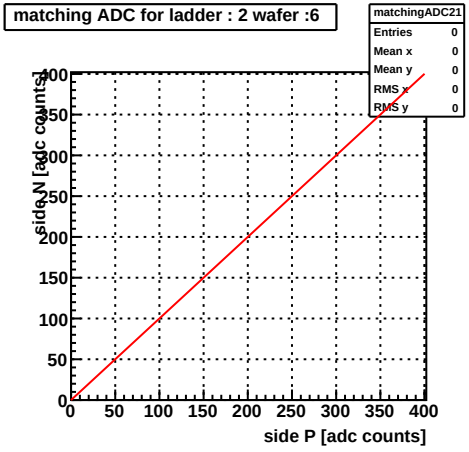

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

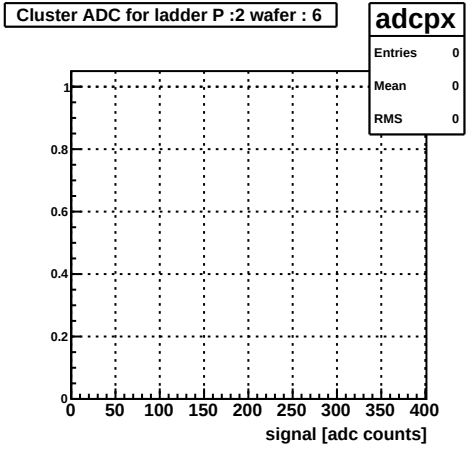

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

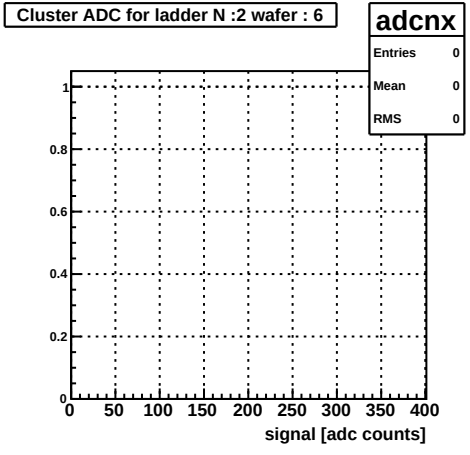

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

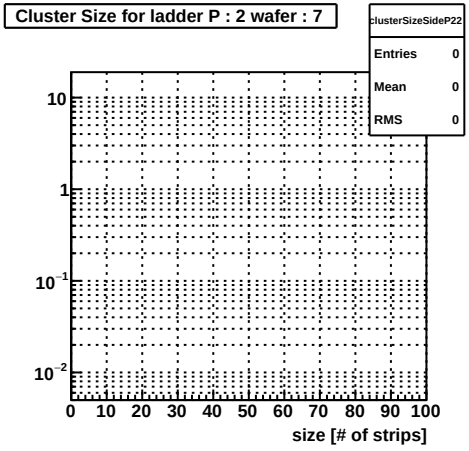

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

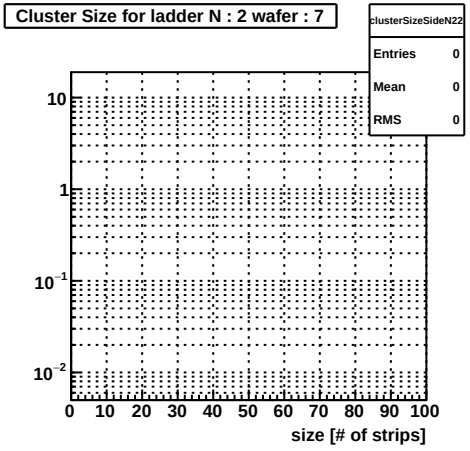

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

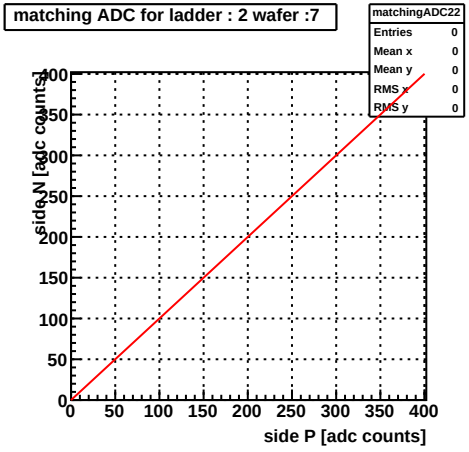

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

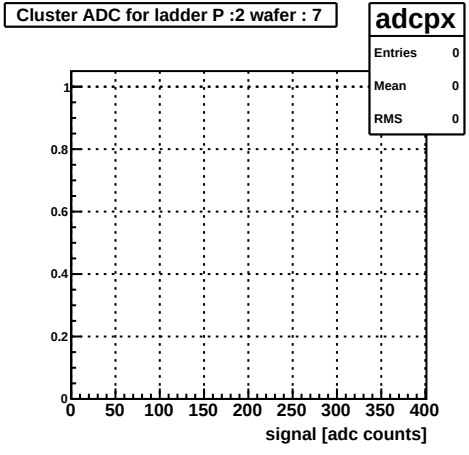

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

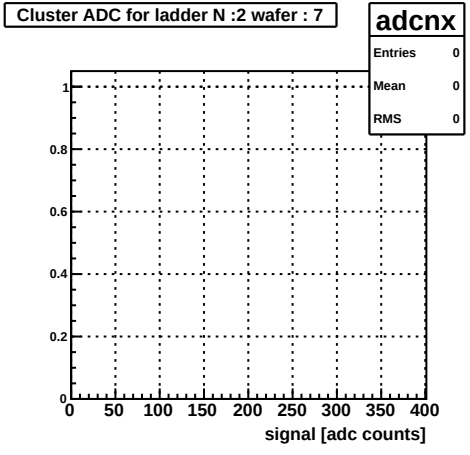

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

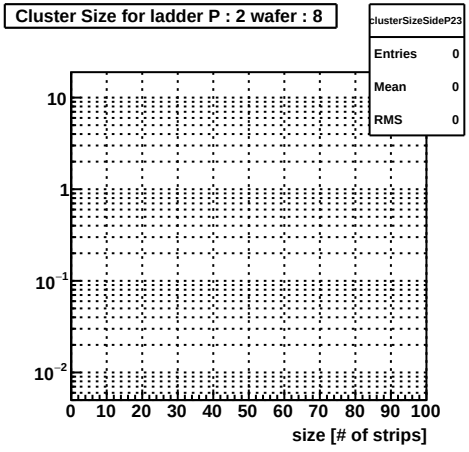

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

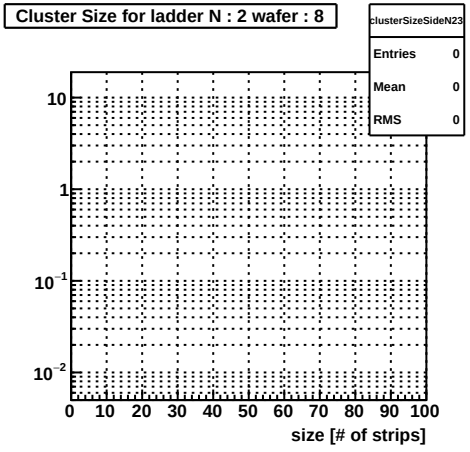

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

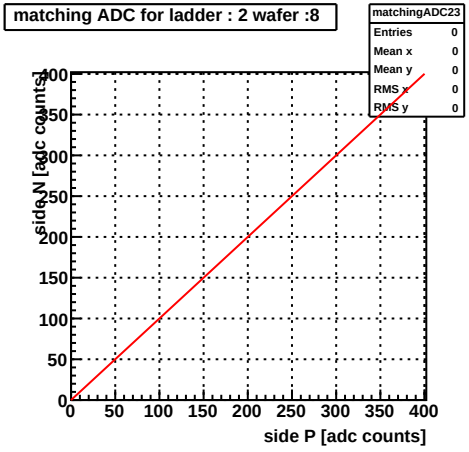

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

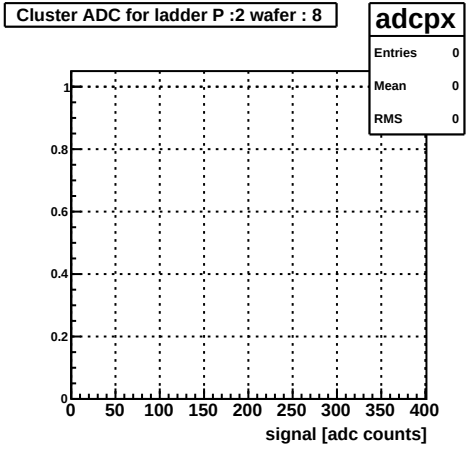

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

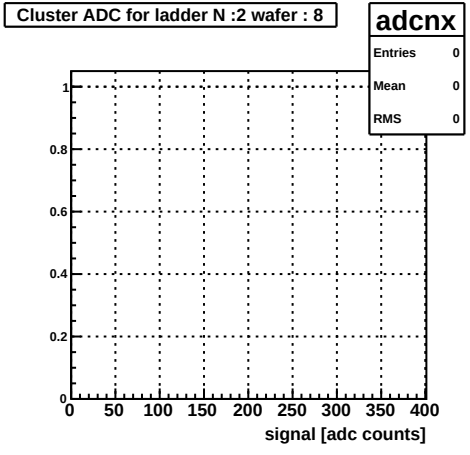

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

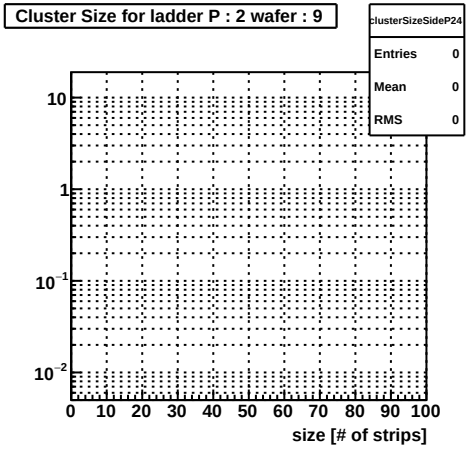

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

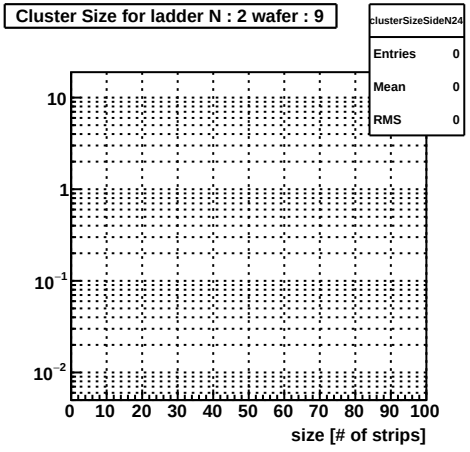

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

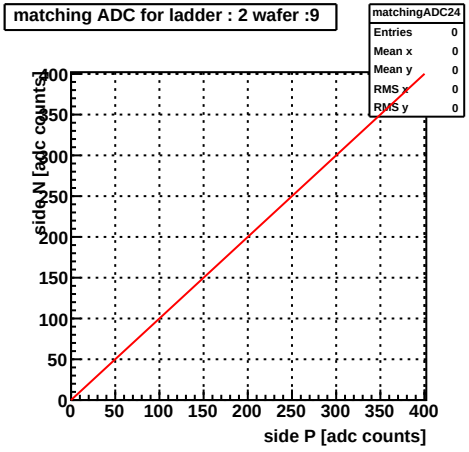

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

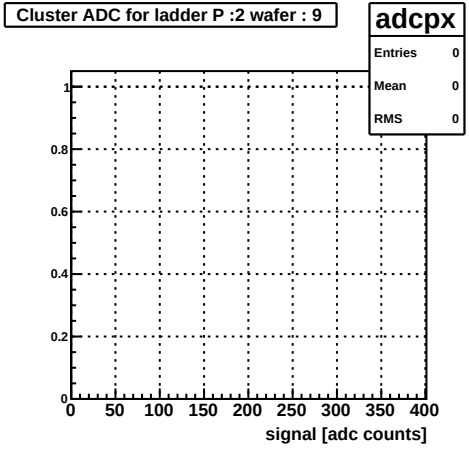

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

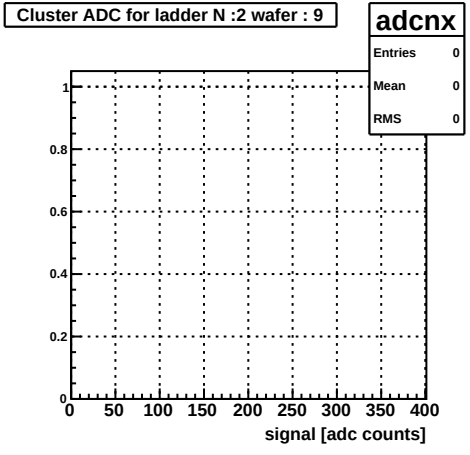

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

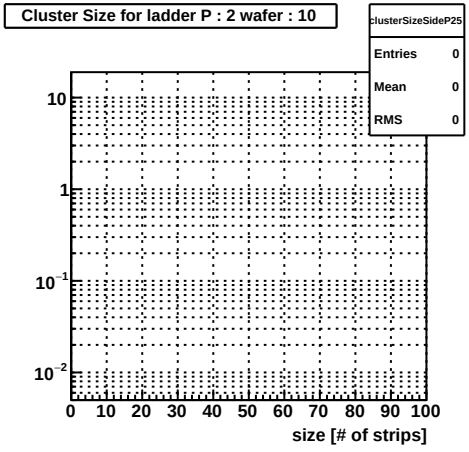

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

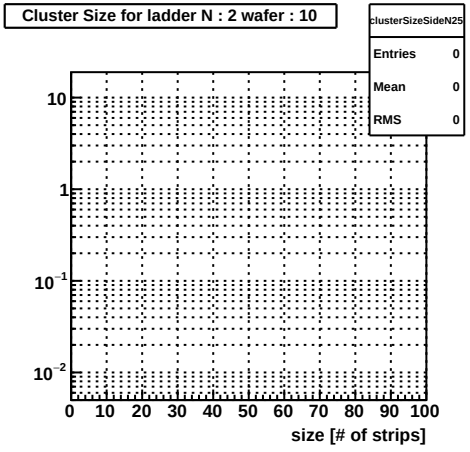

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

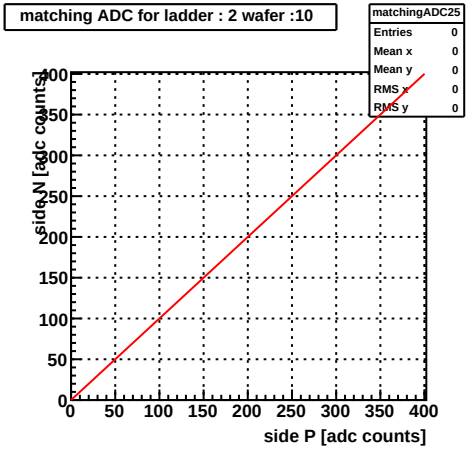

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

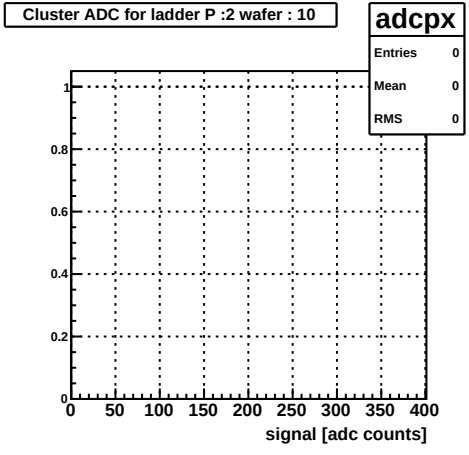

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

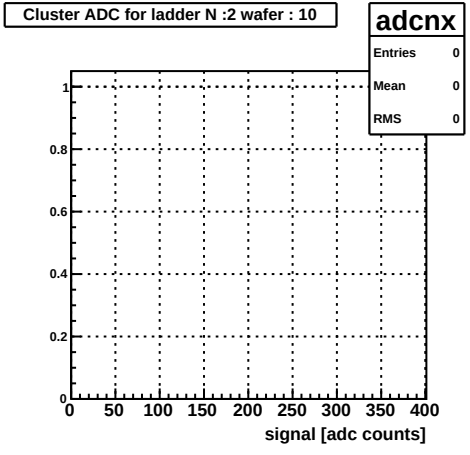

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

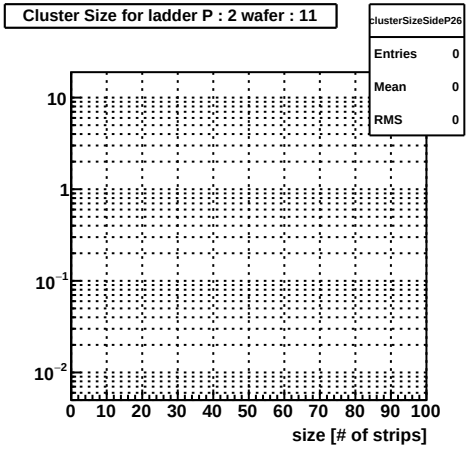

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

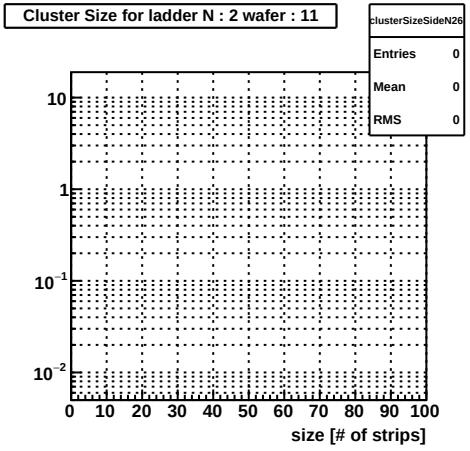

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

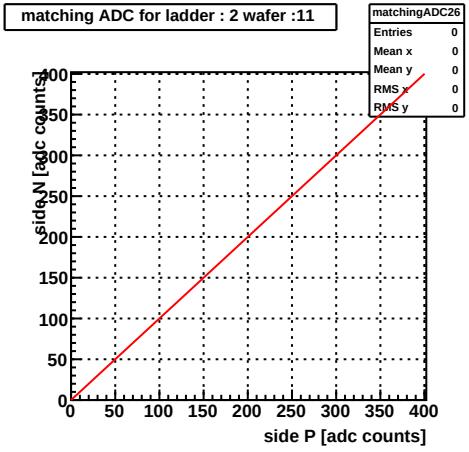

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

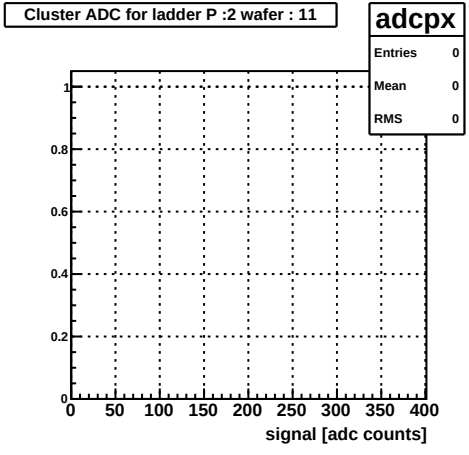

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

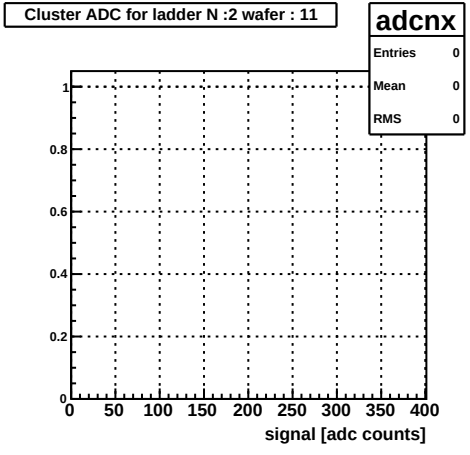

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

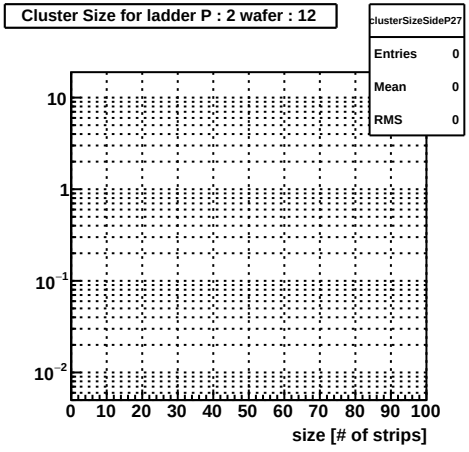

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

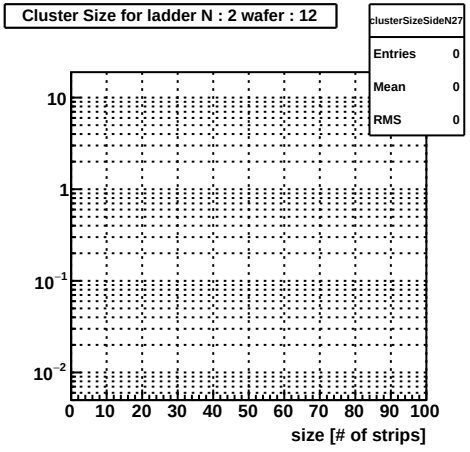

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

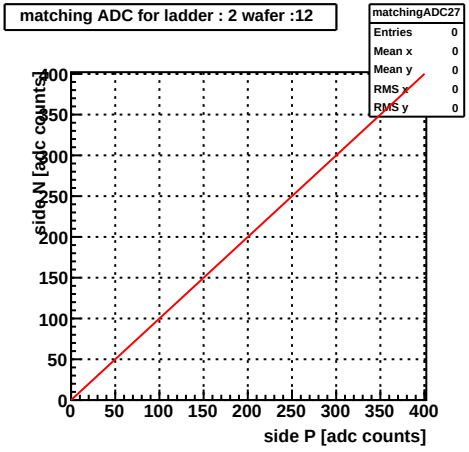

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

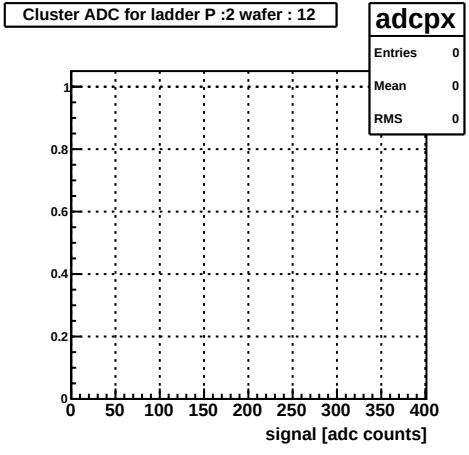

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

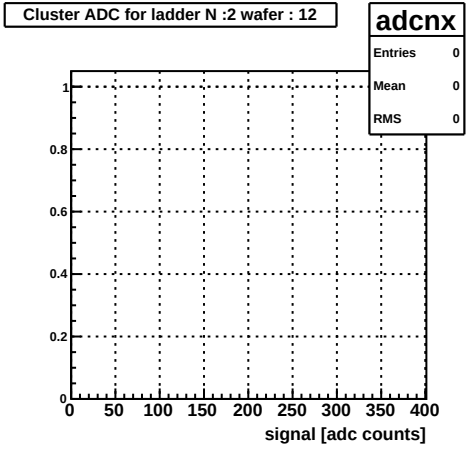

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

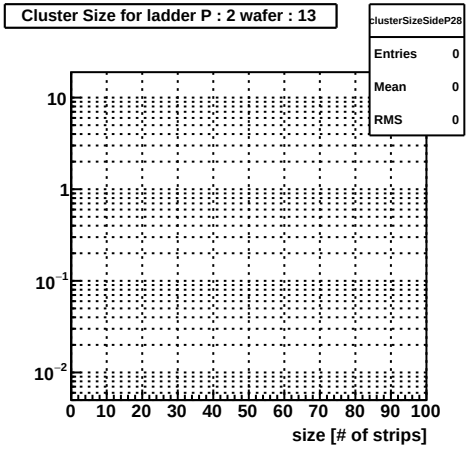

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

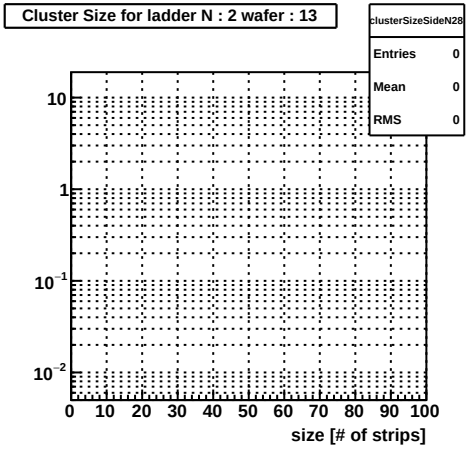

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

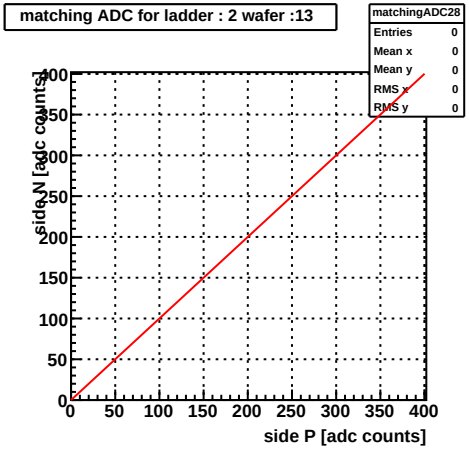

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

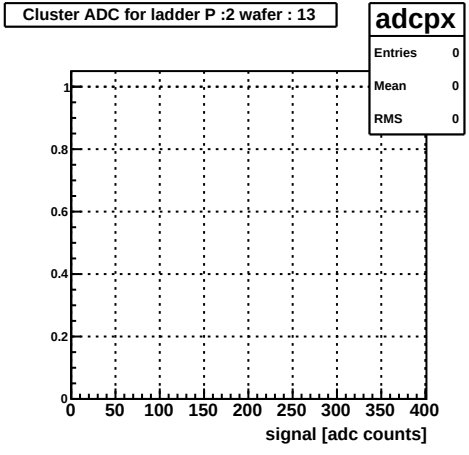

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

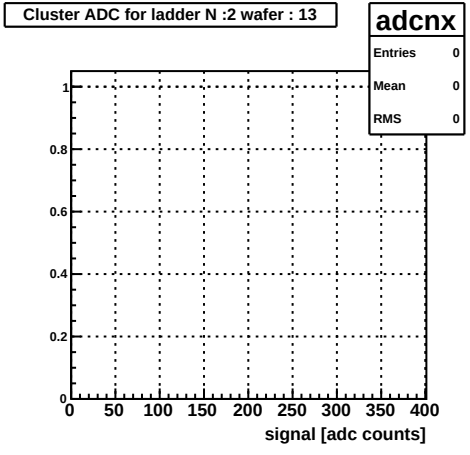

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

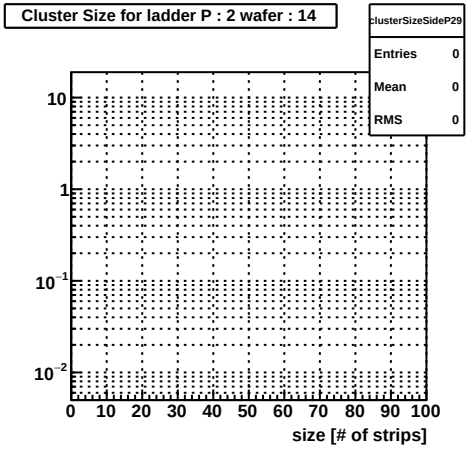

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

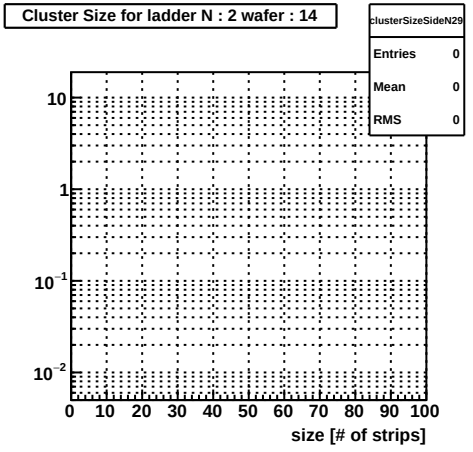

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

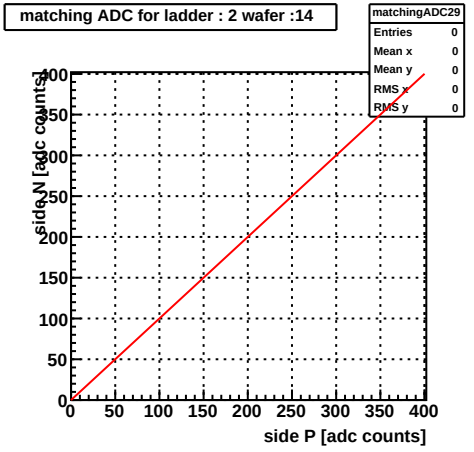

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

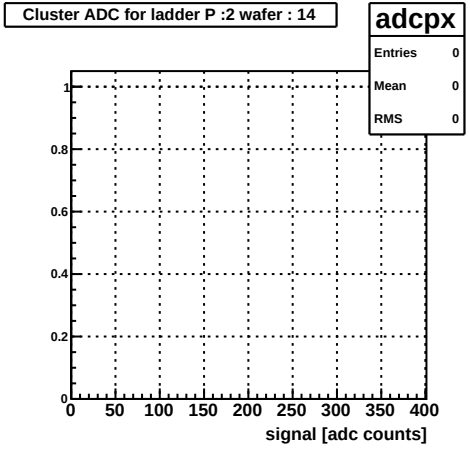

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

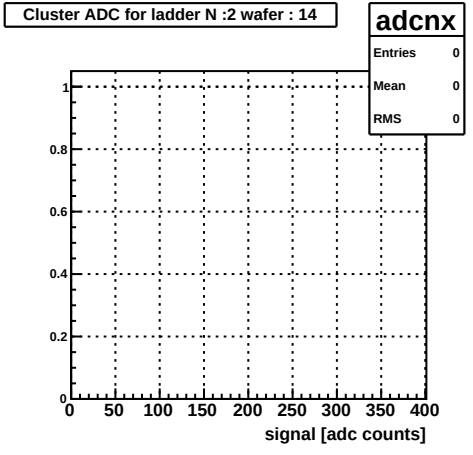

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

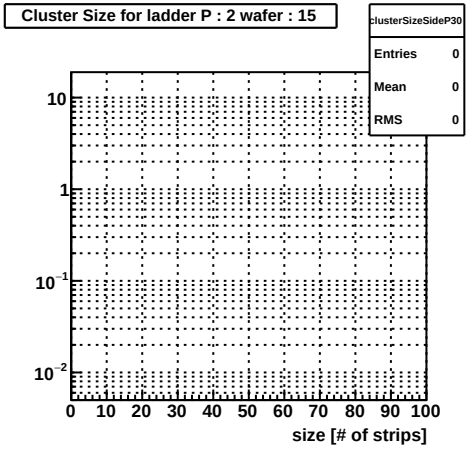

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

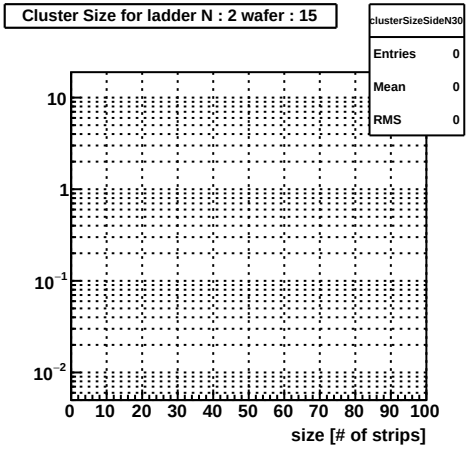

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

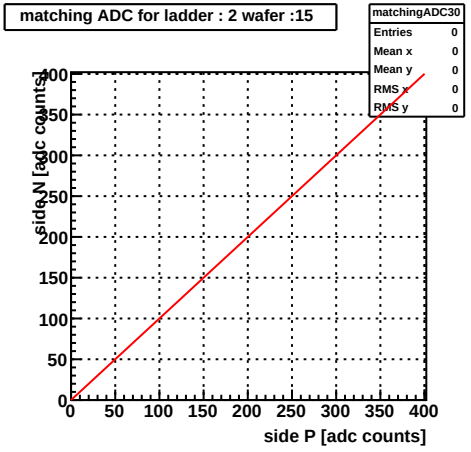

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

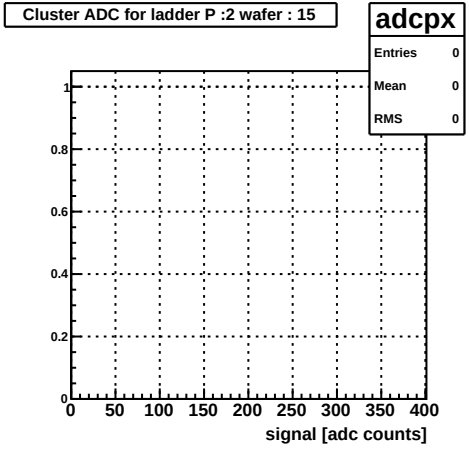

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

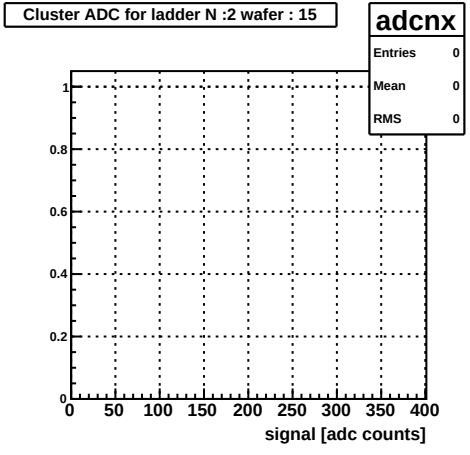

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

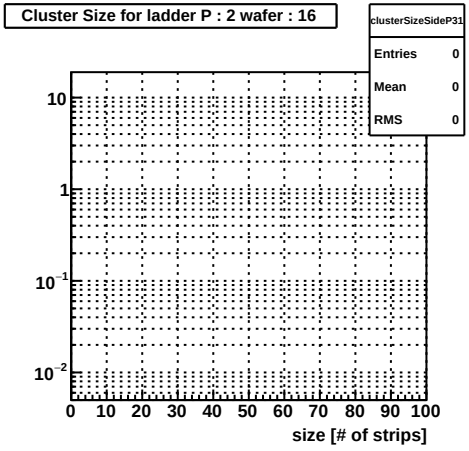

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

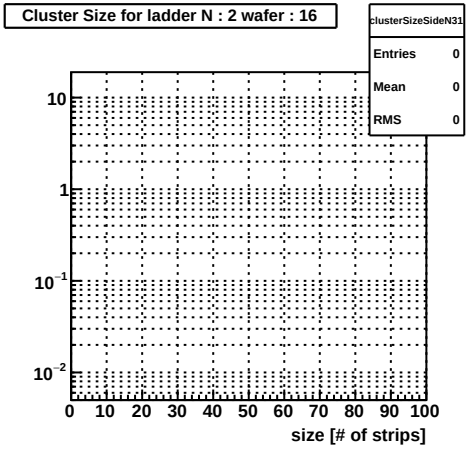

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

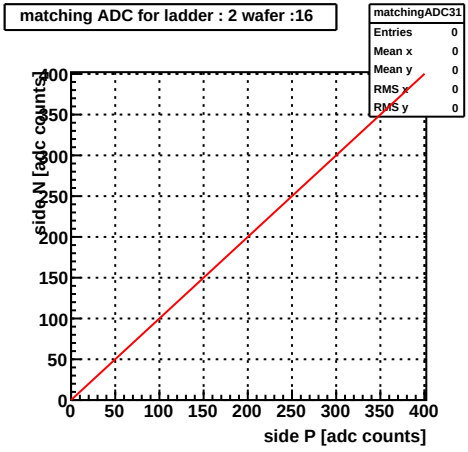

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

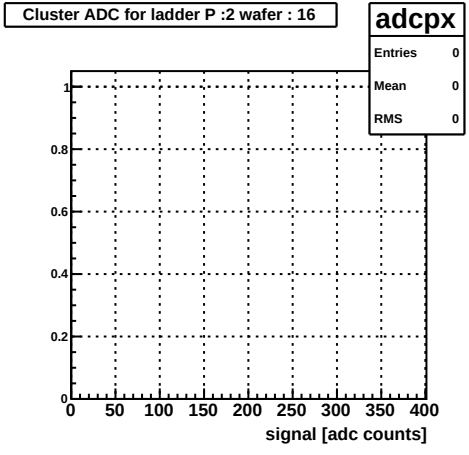

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

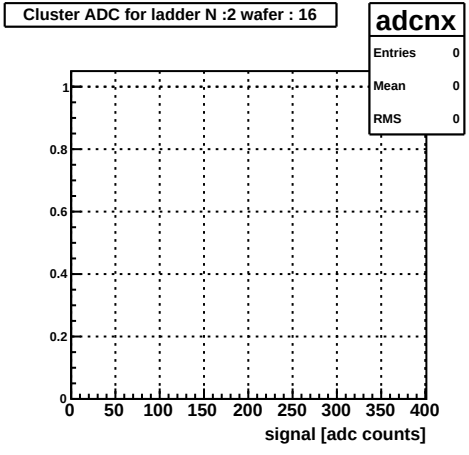

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

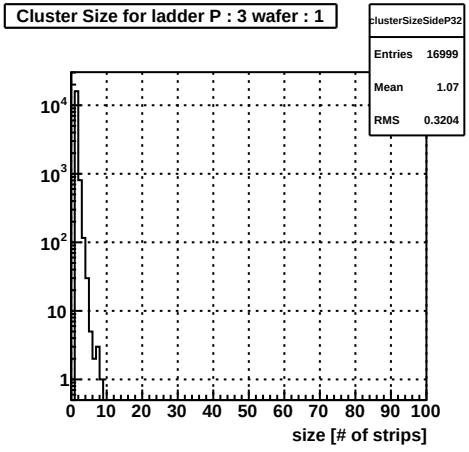

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

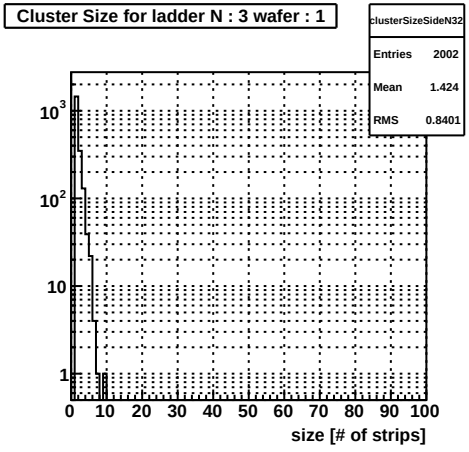

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

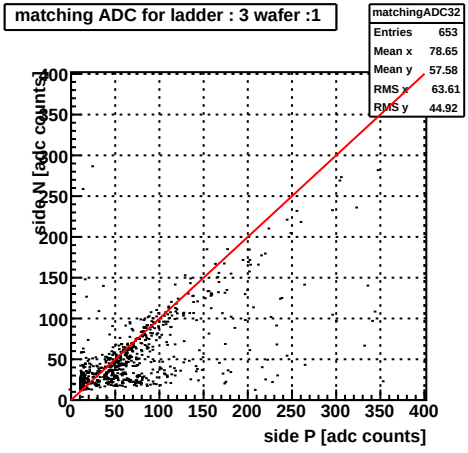

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

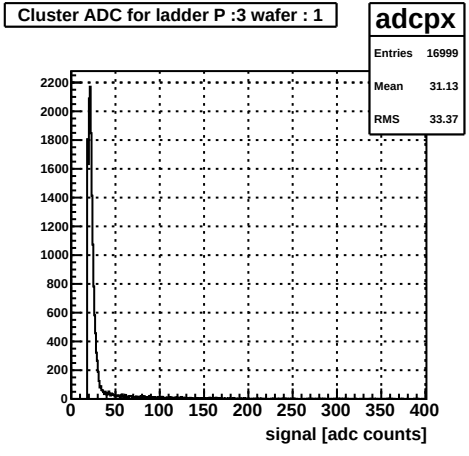

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

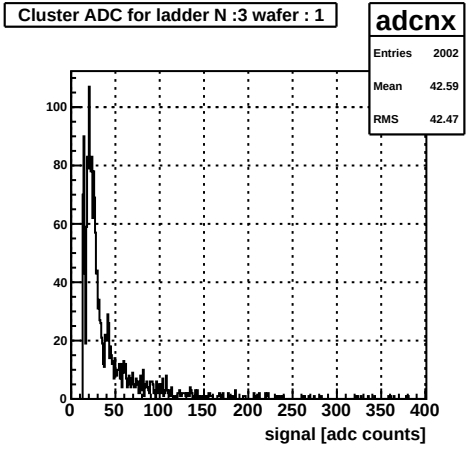

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

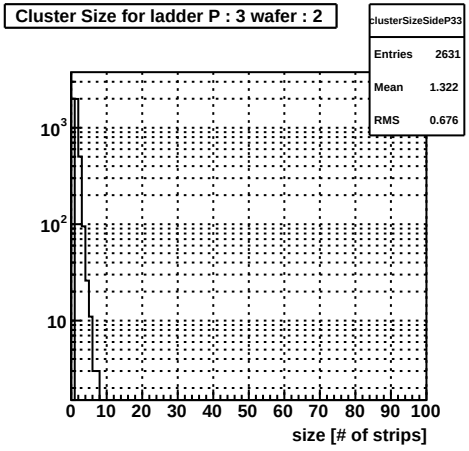

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 16999
Mean 1.07
RMS 0.3204
size [# of strips]

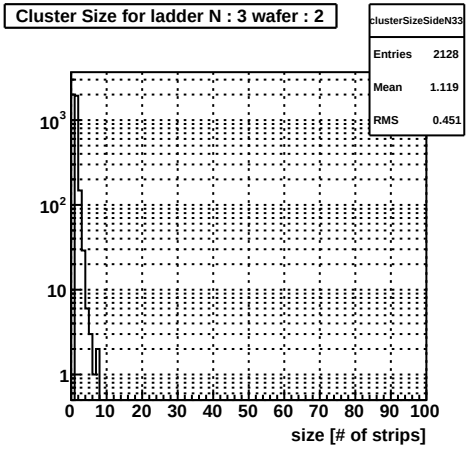

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2002
Mean 1.424
RMS 0.8401
size [# of strips]

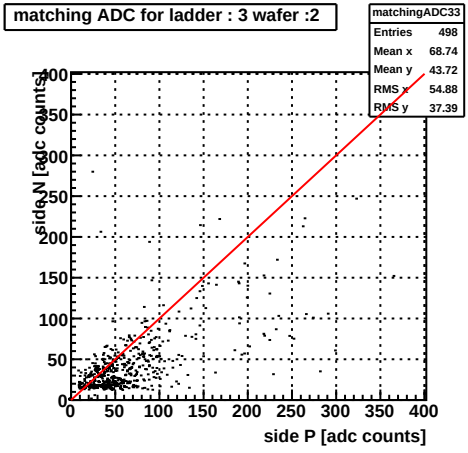

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 653
Mean x 78.65
Mean y 57.58
RMS x 63.61
RMS y 44.92
side N [adc counts]
side P [adc counts]

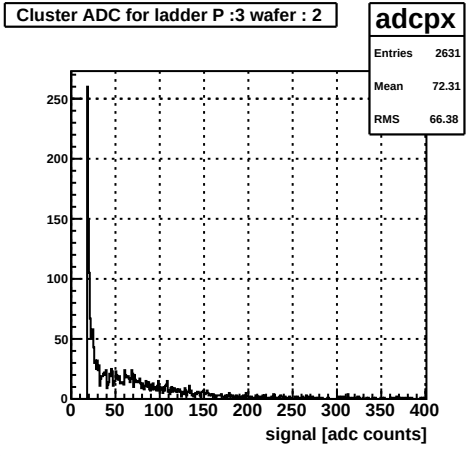

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 16999
Mean 31.13
RMS 33.37
signal [adc counts]

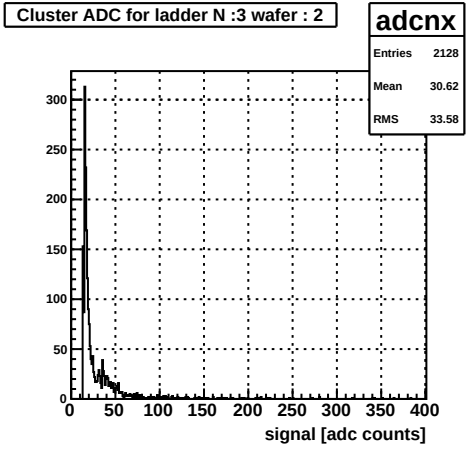

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2002
Mean 42.59
RMS 42.47
signal [adc counts]

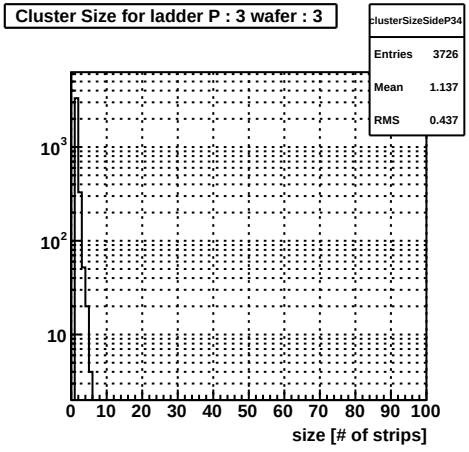

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2631
Mean 1.322
RMS 0.676
size [# of strips]

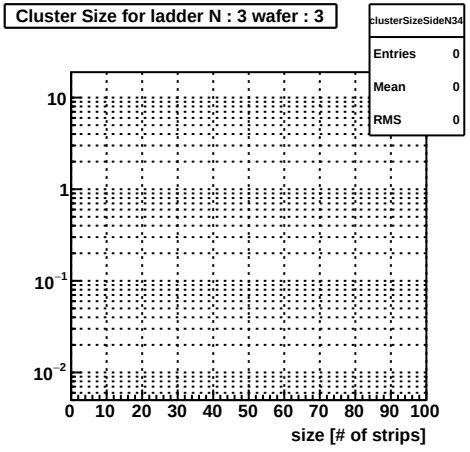

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 2128
Mean 1.119
RMS 0.451
size [# of strips]

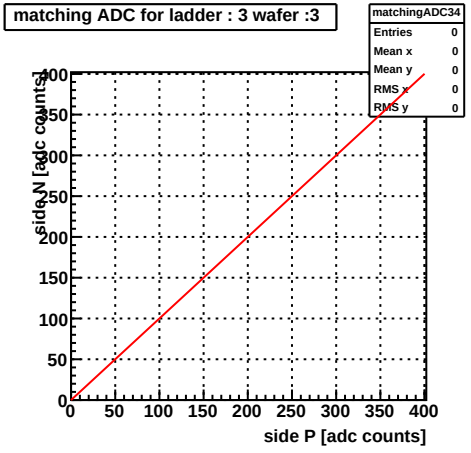

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 498
Mean x 68.74
Mean y 43.72
RMS x 54.88
RMS y 37.39
side N [adc counts]
side P [adc counts]

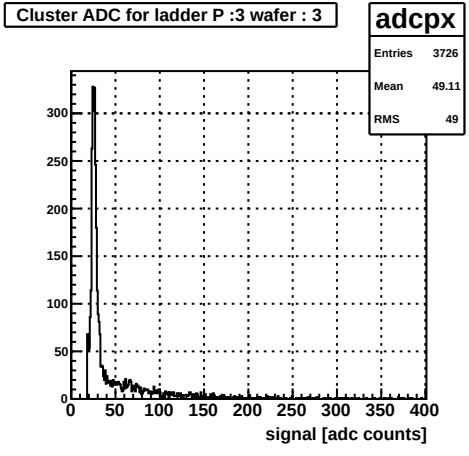

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2631
Mean 72.31
RMS 66.38
signal [adc counts]

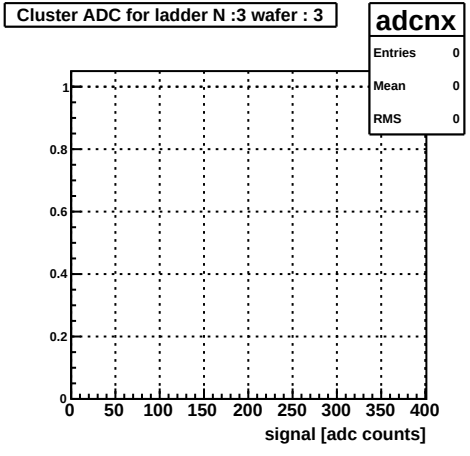

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 2128
Mean 30.62
RMS 33.58
signal [adc counts]

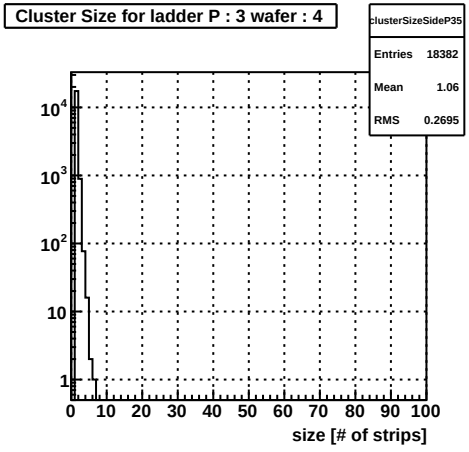

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3726
Mean 1.137
RMS 0.437
size [# of strips]

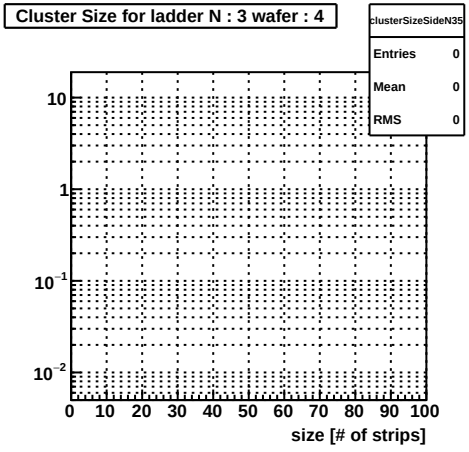

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

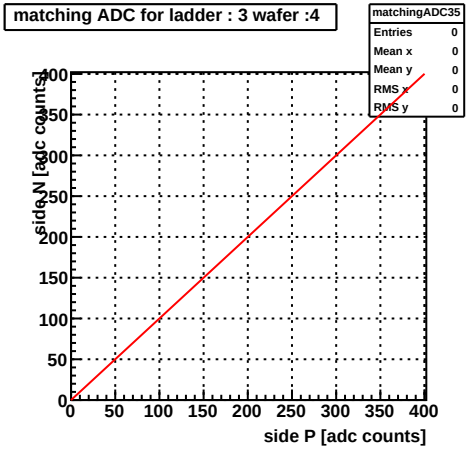

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

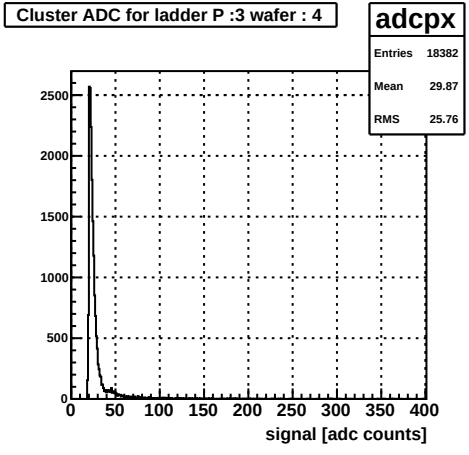

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3726
Mean 49.11
RMS 49
signal [adc counts]

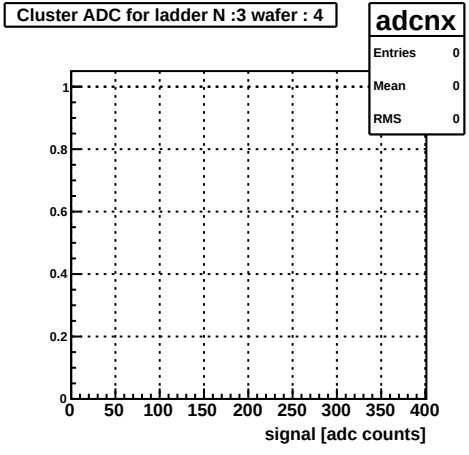

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

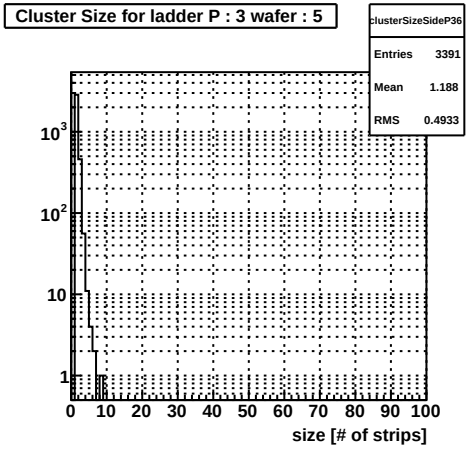

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 18382
Mean 1.06
RMS 0.2695
size [# of strips]

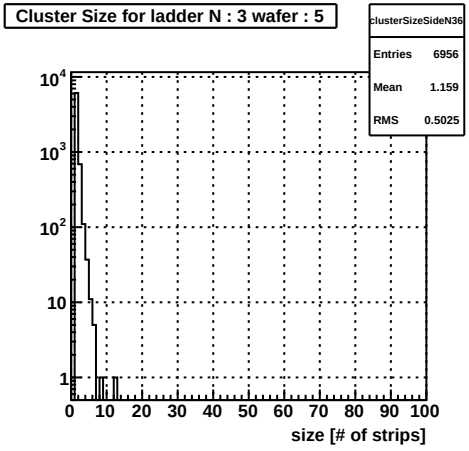

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

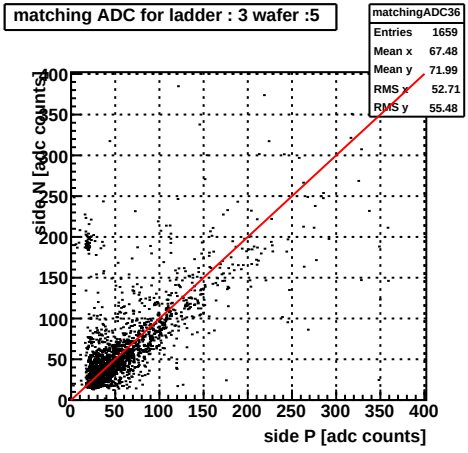

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

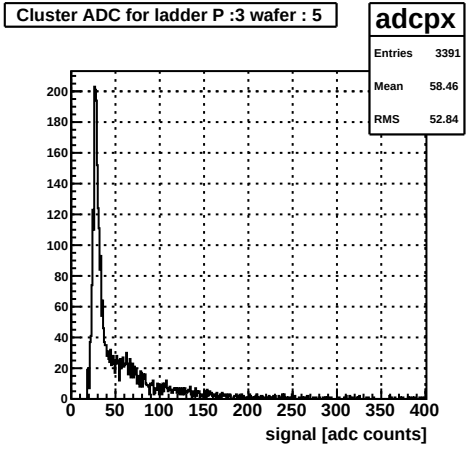

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 18382
Mean 29.87
RMS 25.76
signal [adc counts]

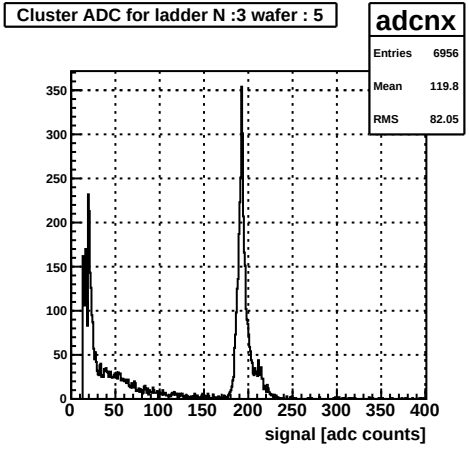

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

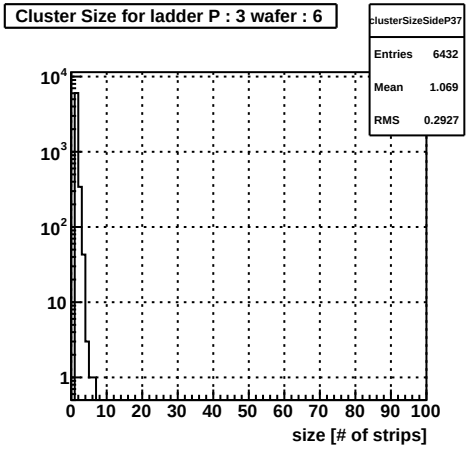

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3391
Mean 1.188
RMS 0.4933
size [# of strips]

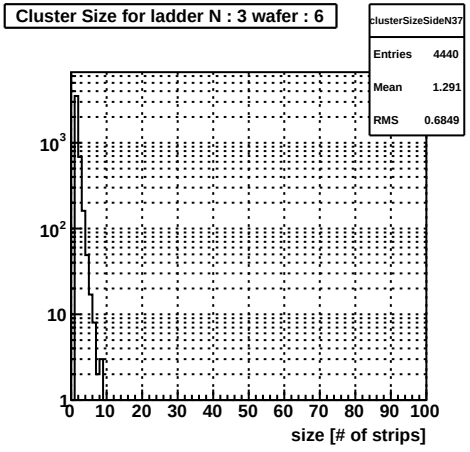

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6956
Mean 1.159
RMS 0.5025
size [# of strips]

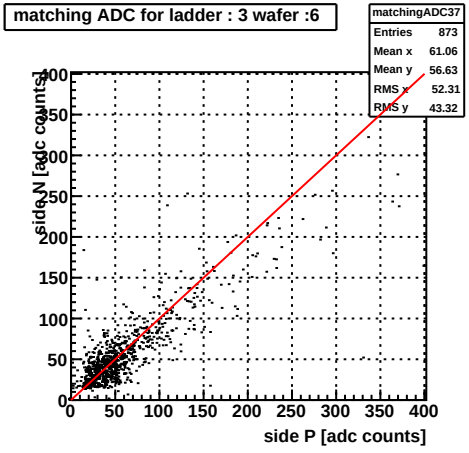

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1659
Mean x 67.48
Mean y 71.99
RMS x 52.71
RMS y 55.48
side N [adc counts]
side P [adc counts]

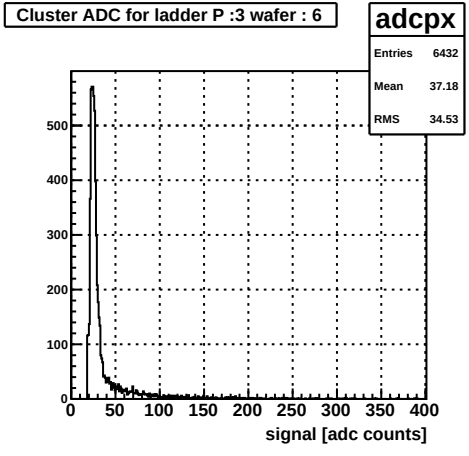

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3391
Mean 58.46
RMS 52.84
signal [adc counts]

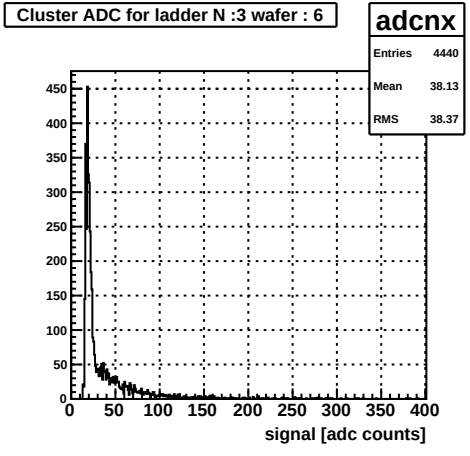

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6956
Mean 119.8
RMS 82.05
signal [adc counts]

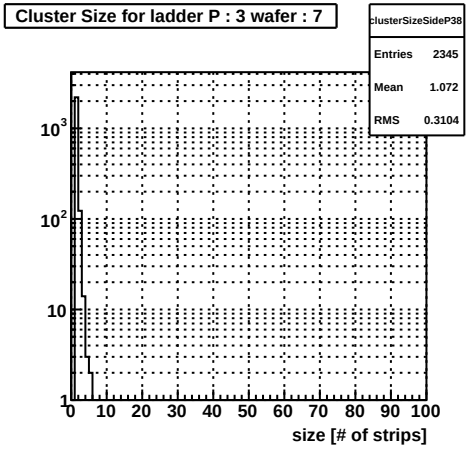

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 6432
Mean 1.069
RMS 0.2927
size [# of strips]

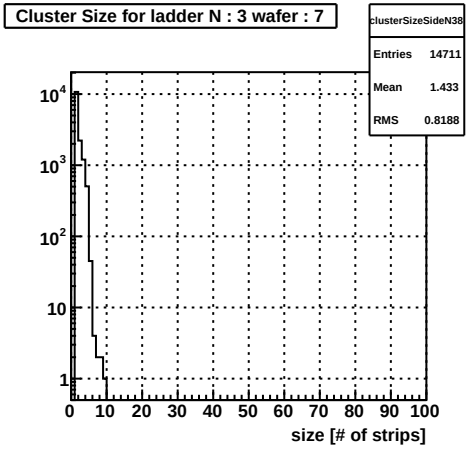

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 4440
Mean 1.291
RMS 0.6849
size [# of strips]

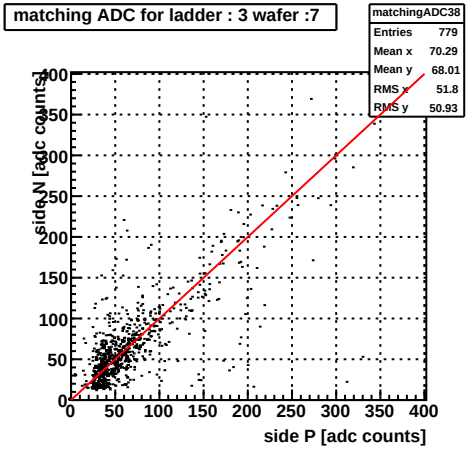

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 873
Mean x 61.06
Mean y 56.63
RMS x 52.31
RMS y 43.32
side N [adc counts]
side P [adc counts]

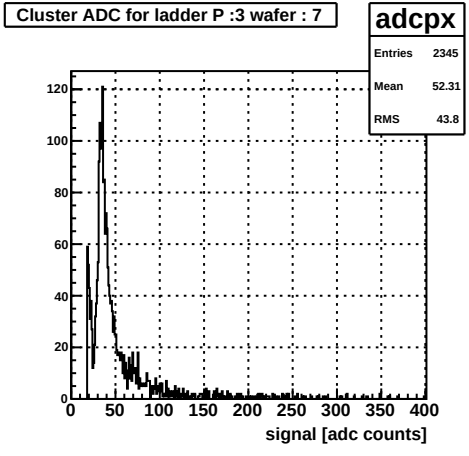

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 6432
Mean 37.18
RMS 34.53
signal [adc counts]

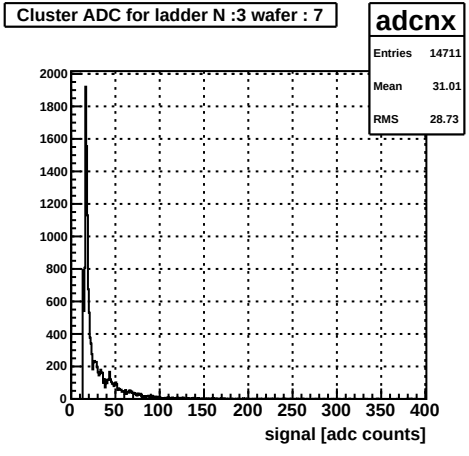

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 4440
Mean 38.13
RMS 38.37
signal [adc counts]

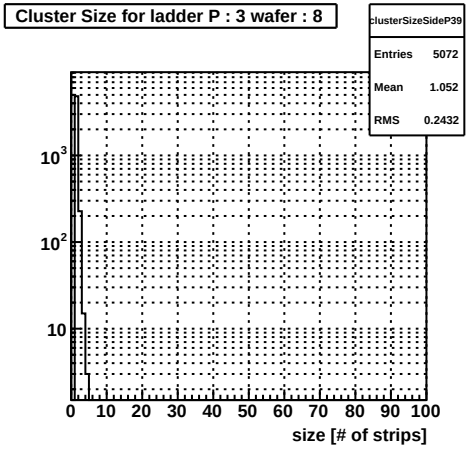

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2345
Mean 1.072
RMS 0.3104
size [# of strips]

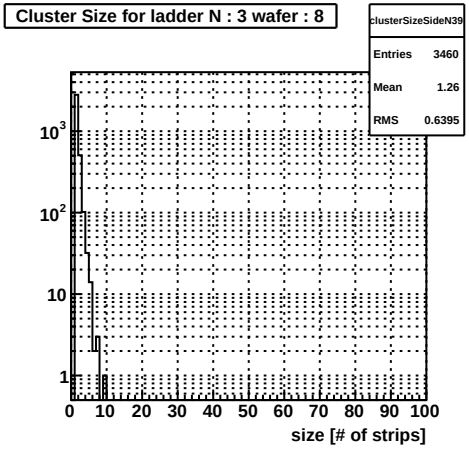

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 14711
Mean 1.433
RMS 0.8188
size [# of strips]

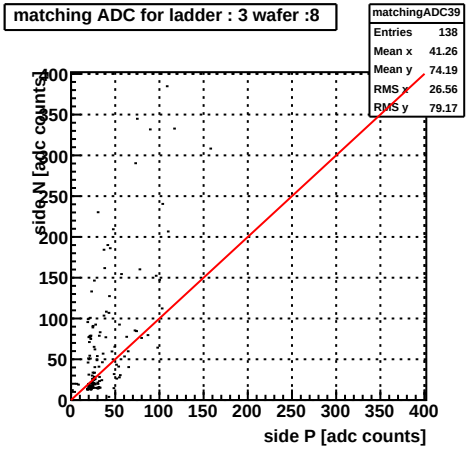

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 779
Mean x 70.29
Mean y 68.01
RMS x 51.8
RMS y 50.93
side N [adc counts]
side P [adc counts]

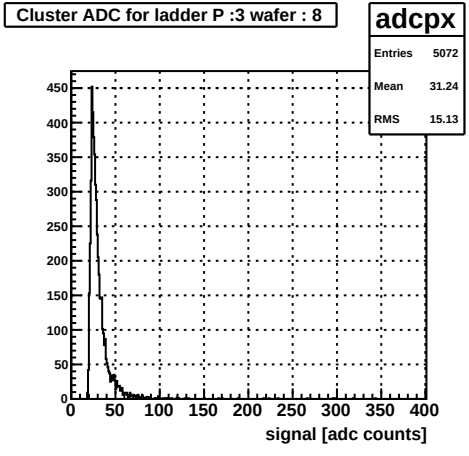

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2345
Mean 52.31
RMS 43.8
signal [adc counts]

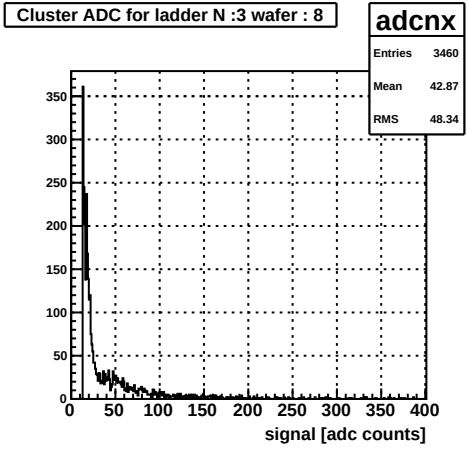

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 14711
Mean 31.01
RMS 28.73
signal [adc counts]

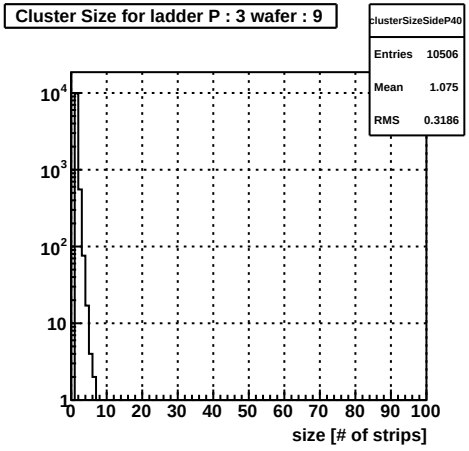

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 5072
Mean 1.052
RMS 0.2432
size [# of strips]

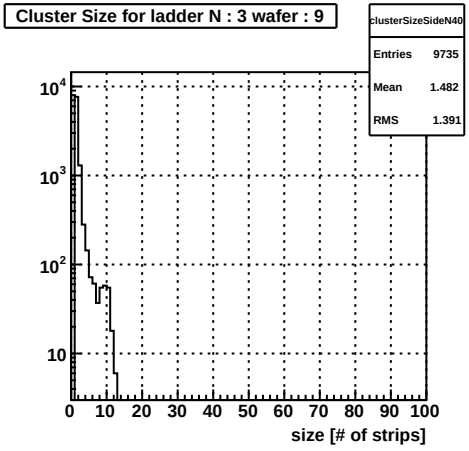

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3460
Mean 1.26
RMS 0.6395
size [# of strips]

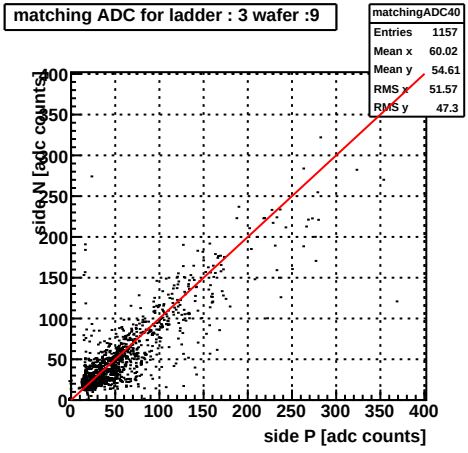

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 138
Mean x 41.26
Mean y 74.19
RMS x 26.56
RMS y 79.17
side N [adc counts]
side P [adc counts]

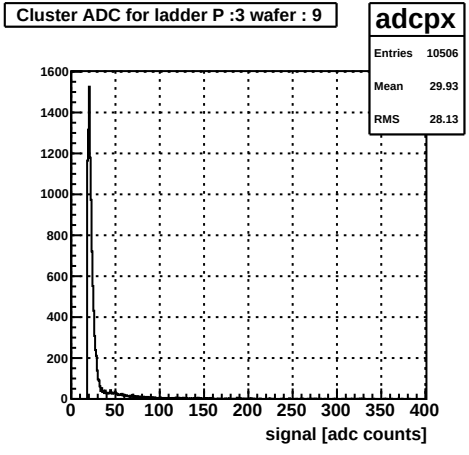

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 5072
Mean 31.24
RMS 15.13
signal [adc counts]

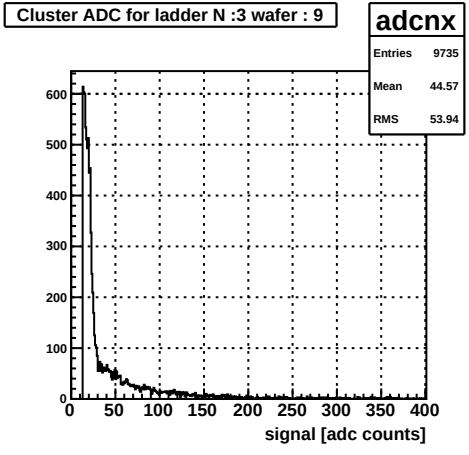

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3460
Mean 42.87
RMS 48.34
signal [adc counts]

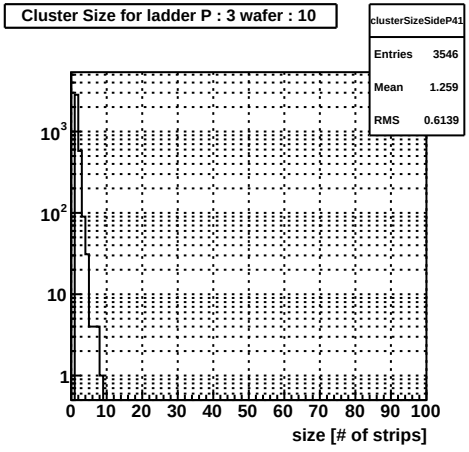

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 10506
Mean 1.075
RMS 0.3186
size [# of strips]

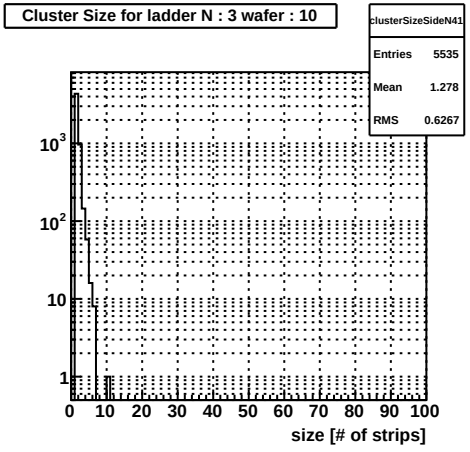

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 9735
Mean 1.482
RMS 1.391
size [# of strips]

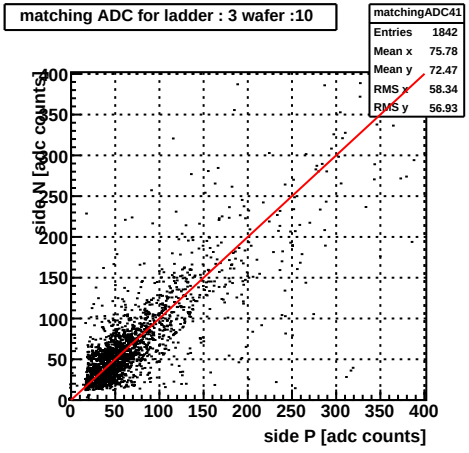

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1157
Mean x 60.02
Mean y 54.61
RMS x 51.57
RMS y 47.3
side N [adc counts]
side P [adc counts]

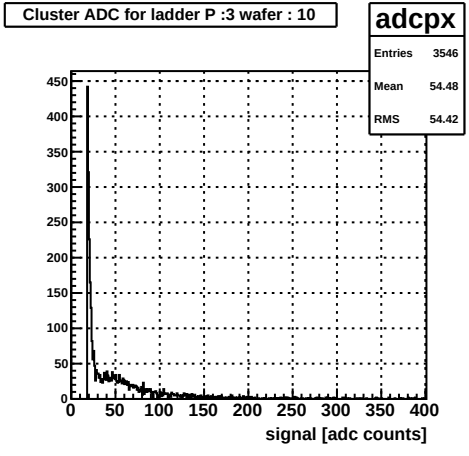

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 10506
Mean 29.93
RMS 28.13
signal [adc counts]

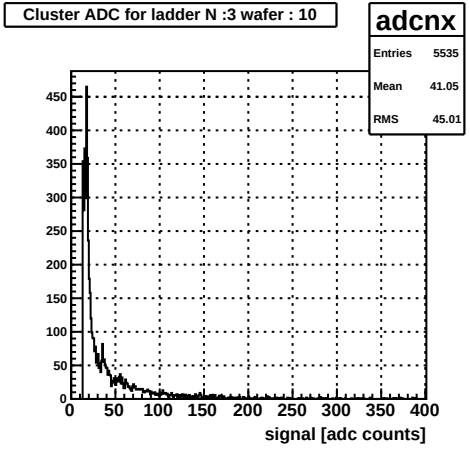

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 9735
Mean 44.57
RMS 53.94
signal [adc counts]

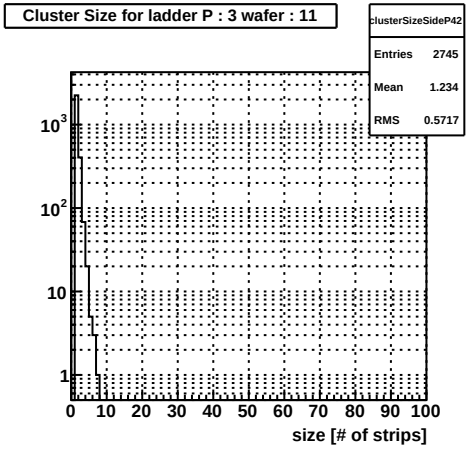

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3546
Mean 1.259
RMS 0.6139
size [# of strips]

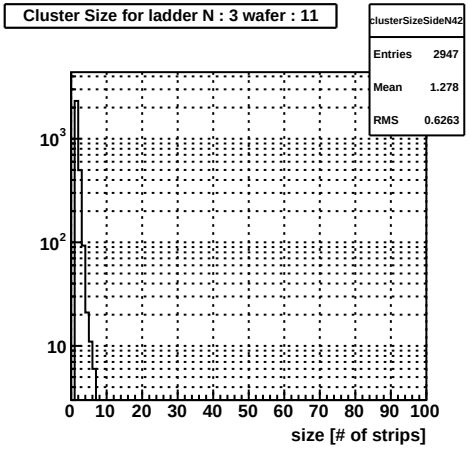

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5535
Mean 1.278
RMS 0.6267
size [# of strips]

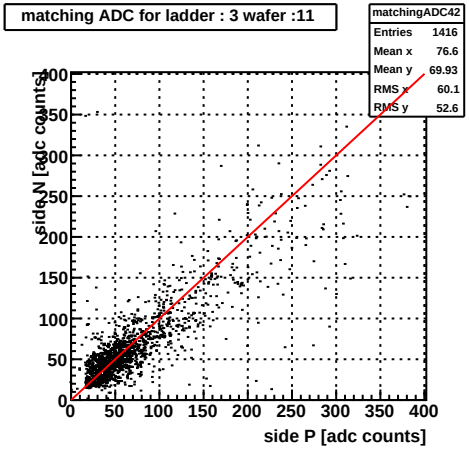

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1842
Mean x 75.78
Mean y 72.47
RMS x 58.34
RMS y 56.93
side N [adc counts]
side P [adc counts]

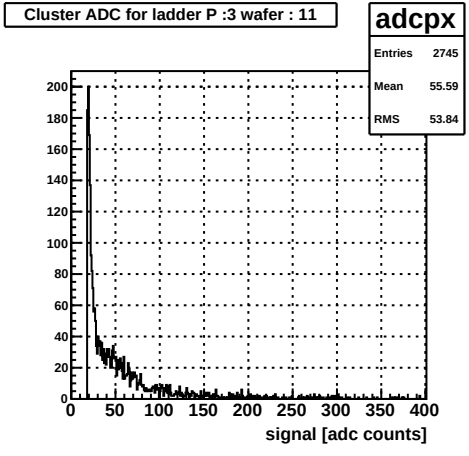

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3546
Mean 54.48
RMS 54.42
signal [adc counts]

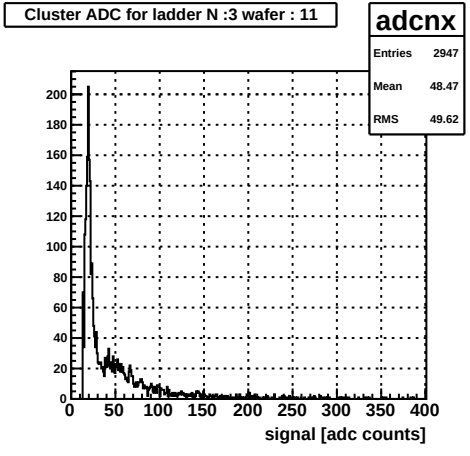

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5535
Mean 41.05
RMS 45.01
signal [adc counts]

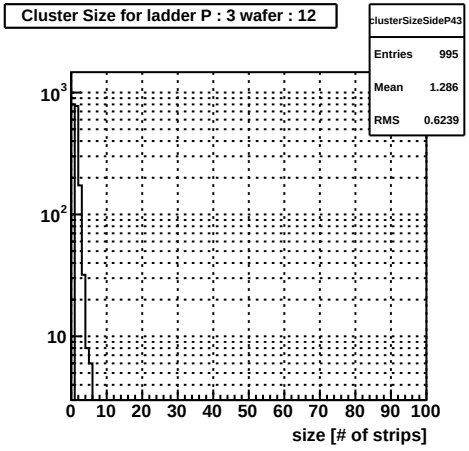

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2745
Mean 1.234
RMS 0.5717
size [# of strips]

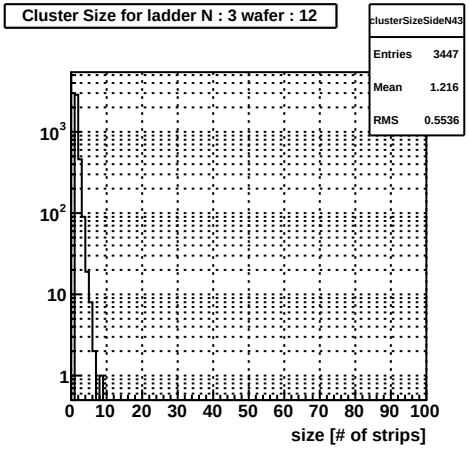

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2947
Mean 1.278
RMS 0.6263
size [# of strips]

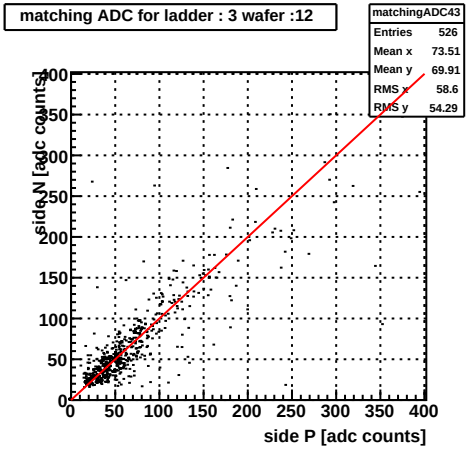

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1416
Mean x 76.6
Mean y 69.93
RMS x 60.1
RMS y 52.6
side N [adc counts]
side P [adc counts]

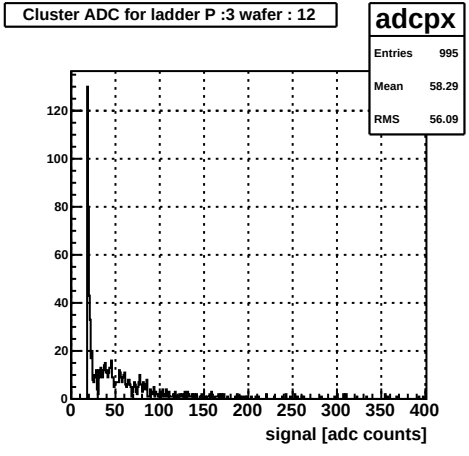

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2745
Mean 55.59
RMS 53.84
signal [adc counts]

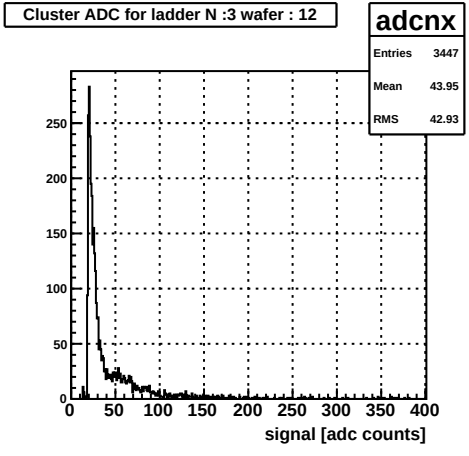

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2947
Mean 48.47
RMS 49.62
signal [adc counts]

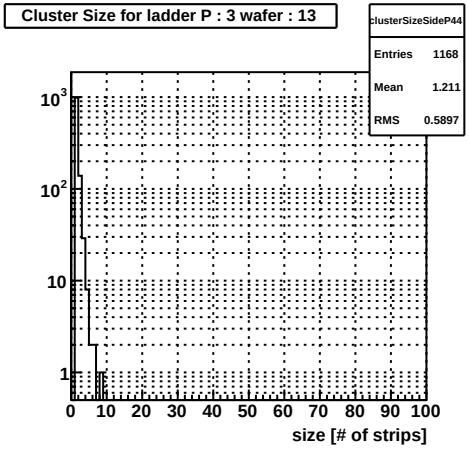

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 995
Mean 1.286
RMS 0.6239
size [# of strips]

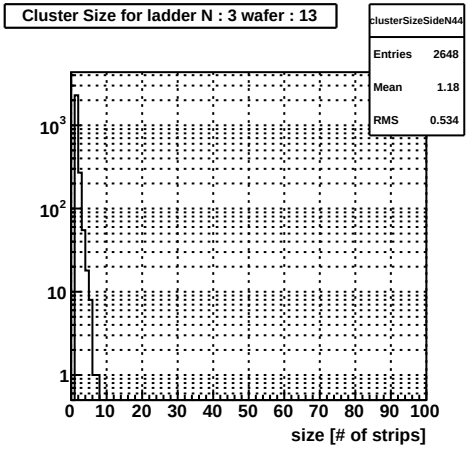

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3447
Mean 1.216
RMS 0.5536
size [# of strips]

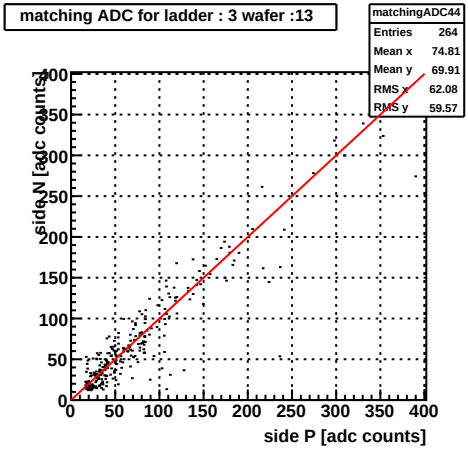

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 526
Mean x 73.51
Mean y 69.91
RMS x 58.6
RMS y 54.29
side N [adc counts]
side P [adc counts]

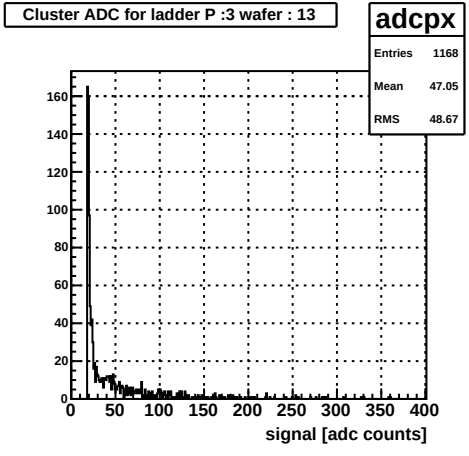

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 995
Mean 58.29
RMS 56.09
signal [adc counts]

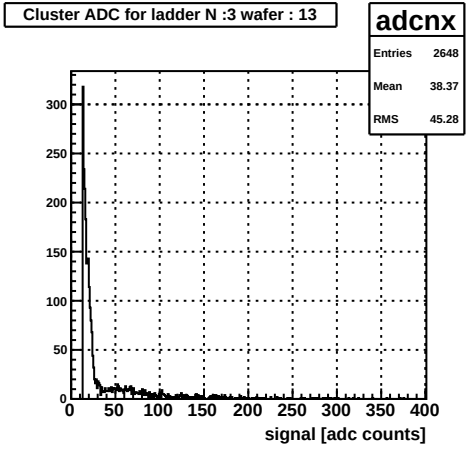

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3447
Mean 43.95
RMS 42.93
signal [adc counts]

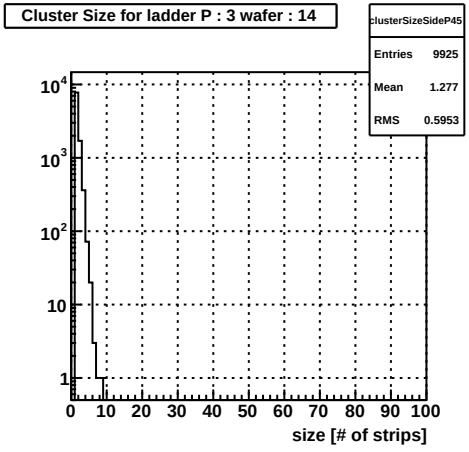

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 1168
Mean 1.211
RMS 0.5897
size [# of strips]

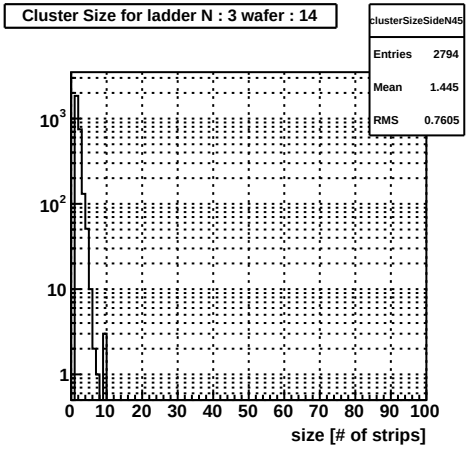

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2648
Mean 1.18
RMS 0.534
size [# of strips]

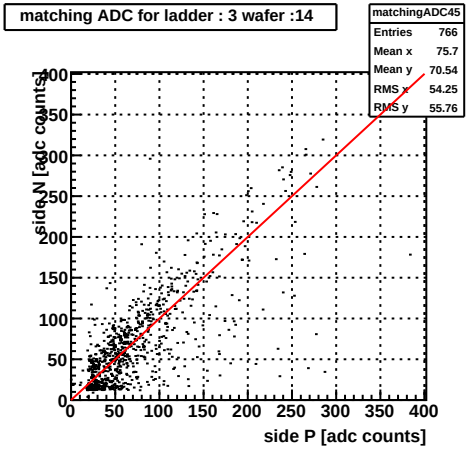

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 264
Mean x 74.81
Mean y 69.91
RMS x 62.08
RMS y 59.57
side N [adc counts]
side P [adc counts]

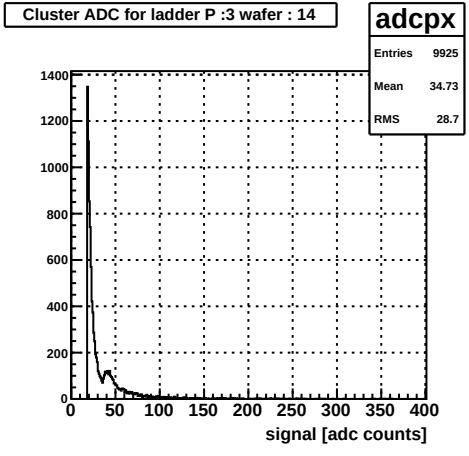

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 1168
Mean 47.05
RMS 48.67
signal [adc counts]

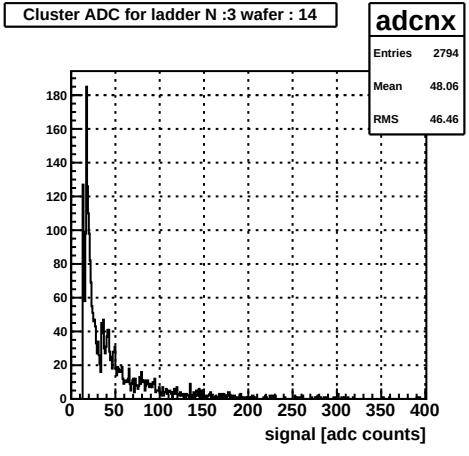

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2648
Mean 38.37
RMS 45.28
signal [adc counts]

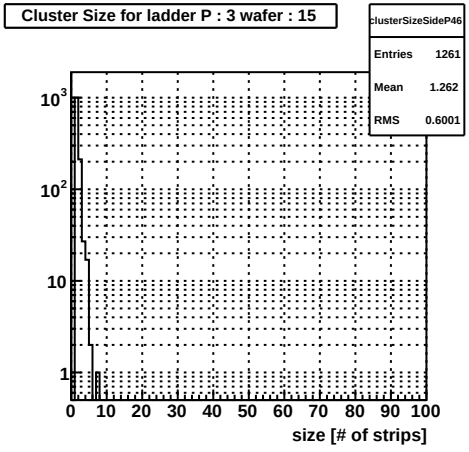

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 9925
Mean 1.277
RMS 0.5953
size [# of strips]

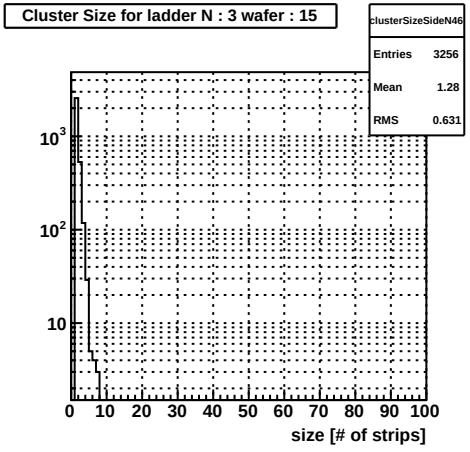

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2794
Mean 1.445
RMS 0.7605
size [# of strips]

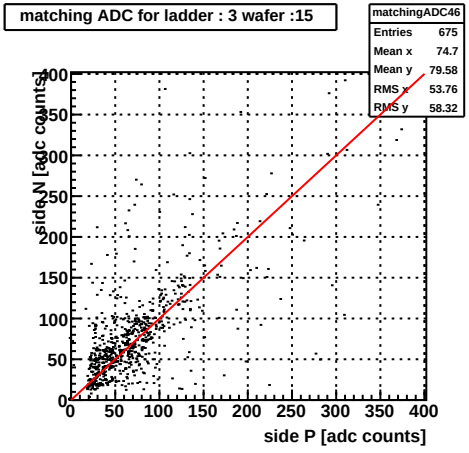

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 766
Mean x 75.7
Mean y 70.54
RMS x 54.25
RMS y 55.76
side N [adc counts]
side P [adc counts]

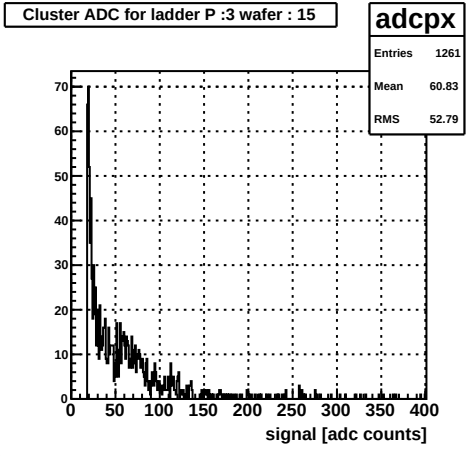

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 9925
Mean 34.73
RMS 28.7
signal [adc counts]

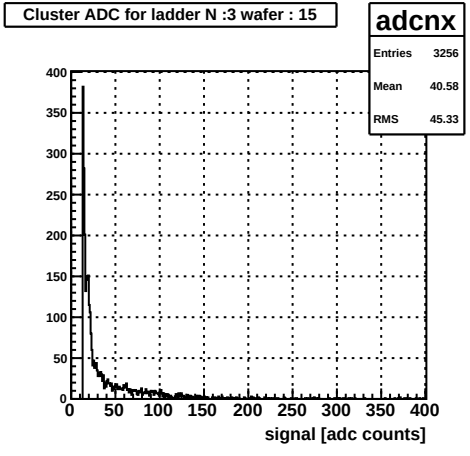

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2794
Mean 48.06
RMS 46.46
signal [adc counts]

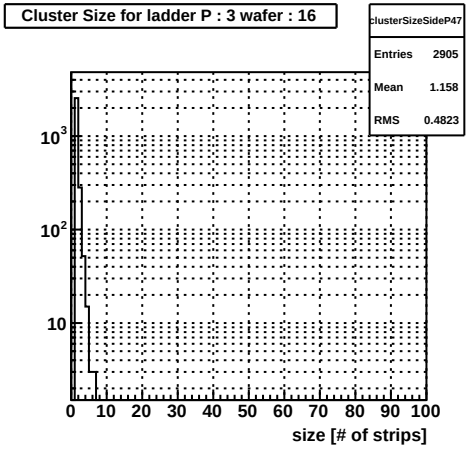

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1261
Mean 1.262
RMS 0.6001
size [# of strips]

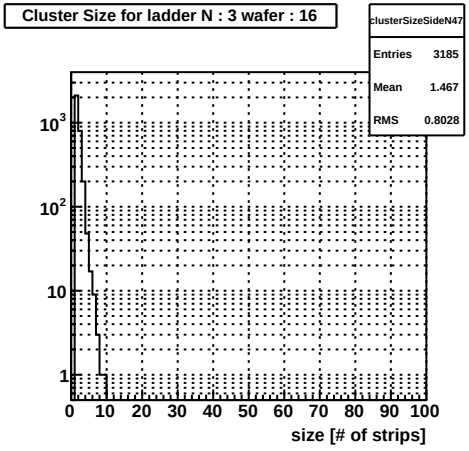

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3256
Mean 1.28
RMS 0.631
size [# of strips]

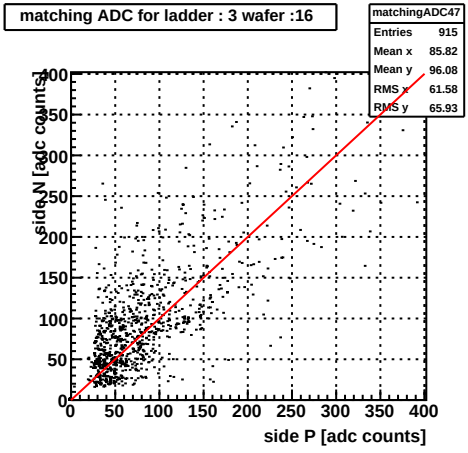

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 675
Mean x 74.7
Mean y 79.58
RMS x 53.76
RMS y 58.32
side N [adc counts]
side P [adc counts]

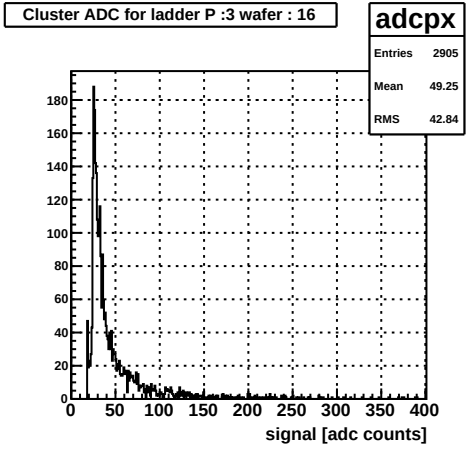

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1261
Mean 60.83
RMS 52.79
signal [adc counts]

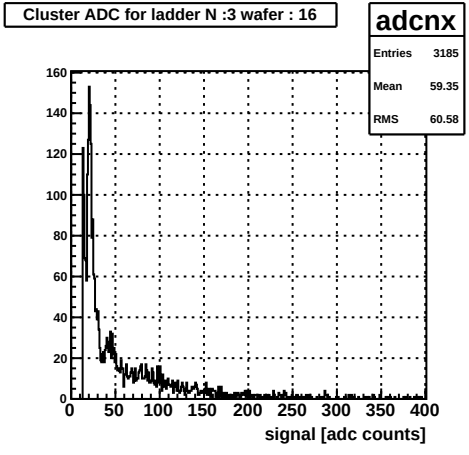

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3256
Mean 40.58
RMS 45.33
signal [adc counts]

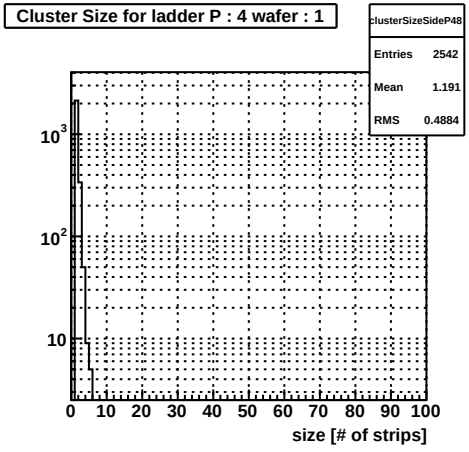

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2905
Mean 1.158
RMS 0.4823
size [# of strips]

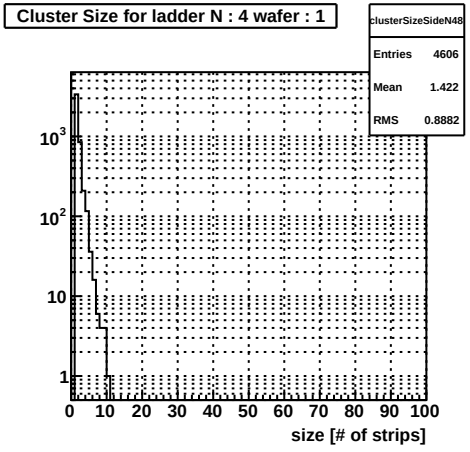

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3185
Mean 1.467
RMS 0.8028
size [# of strips]

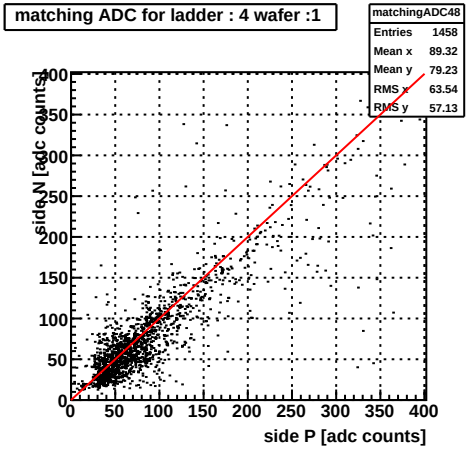

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 915
Mean x 85.82
Mean y 96.08
RMS x 61.58
RMS y 65.93
side N [adc counts]
side P [adc counts]

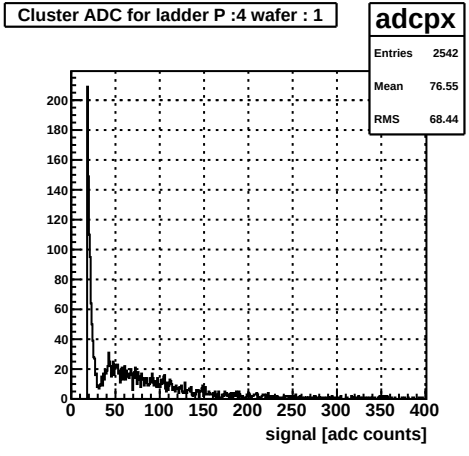

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2905
Mean 49.25
RMS 42.84
signal [adc counts]

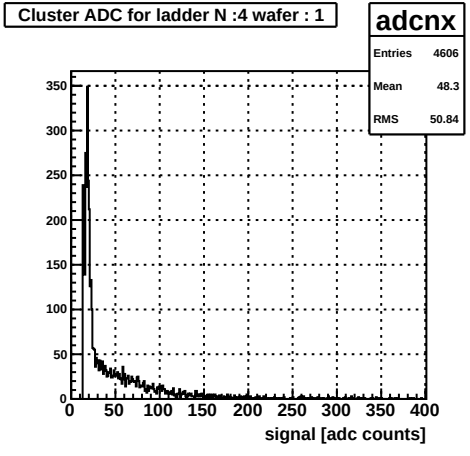

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3185
Mean 59.35
RMS 60.58
signal [adc counts]

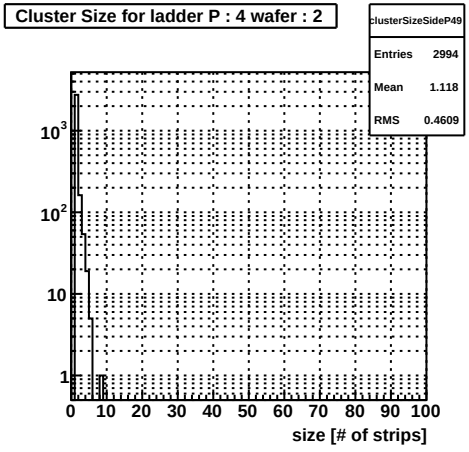

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2542
Mean 1.191
RMS 0.4884
size [# of strips]

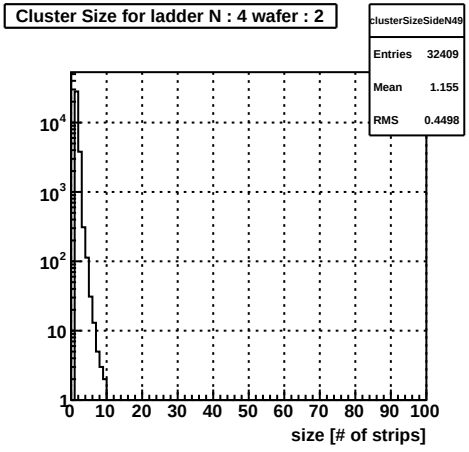

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 4606
Mean 1.422
RMS 0.8882
size [# of strips]

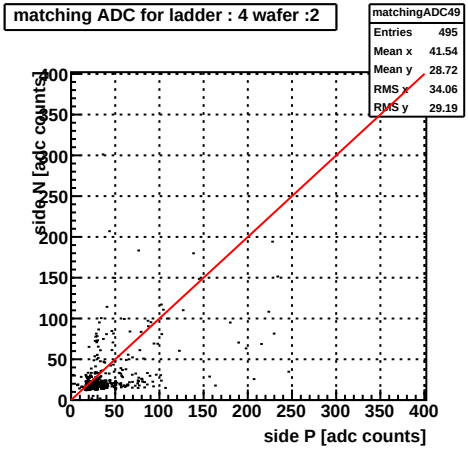

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1458
Mean x 89.32
Mean y 79.23
RMS x 63.54
RMS y 57.13
side N [adc counts]
side P [adc counts]

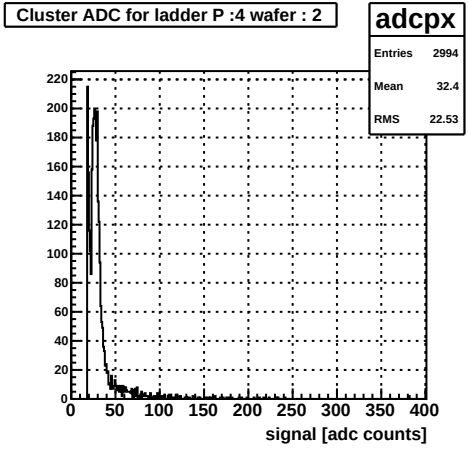

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2542
Mean 76.55
RMS 68.44
signal [adc counts]

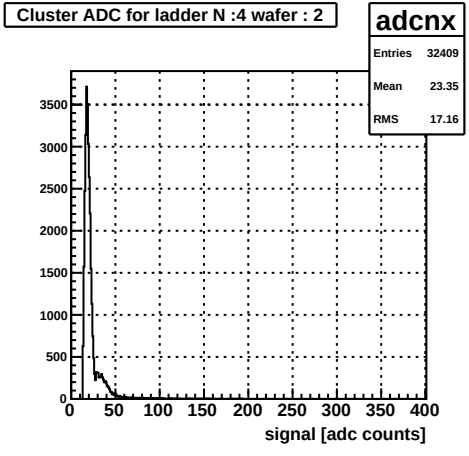

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 4606
Mean 48.3
RMS 50.84
signal [adc counts]

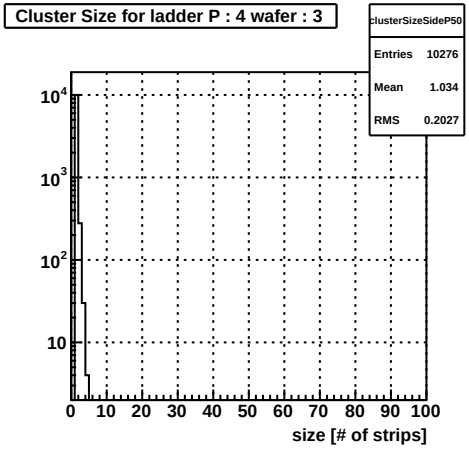

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2994
Mean 1.118
RMS 0.4609
size [# of strips]

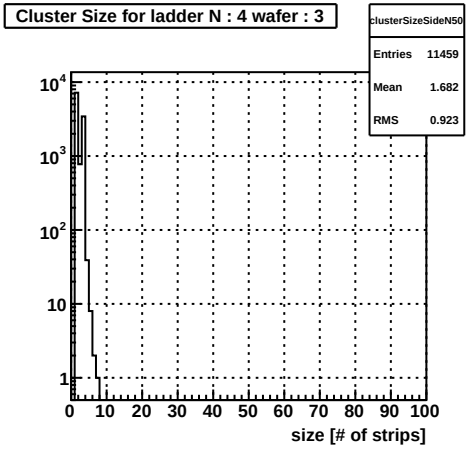

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 32409
Mean 1.155
RMS 0.4498
size [# of strips]

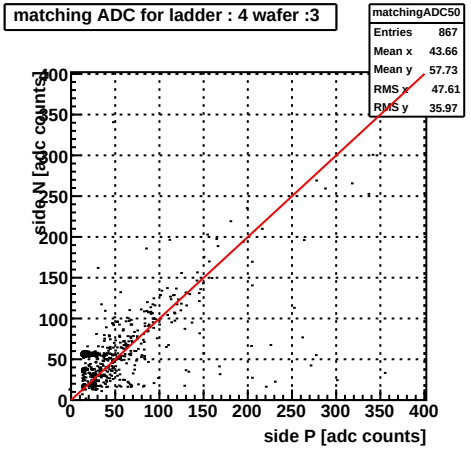

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 495
Mean x 41.54
Mean y 28.72
RMS x 34.06
RMS y 29.19
side N [adc counts]
side P [adc counts]

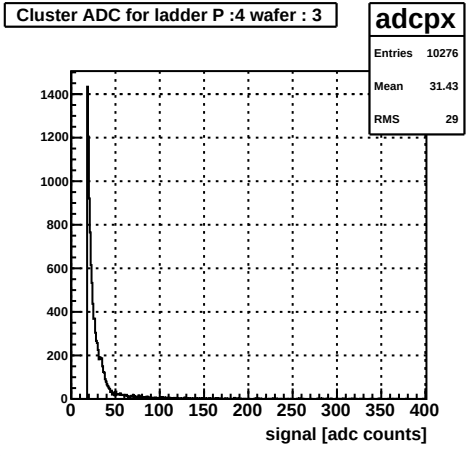

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2994
Mean 32.4
RMS 22.53
signal [adc counts]

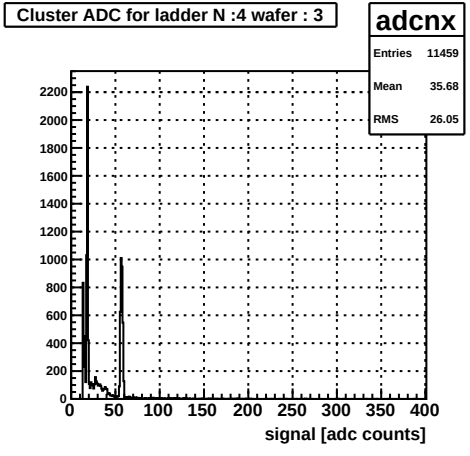

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 32409
Mean 23.35
RMS 17.16
signal [adc counts]

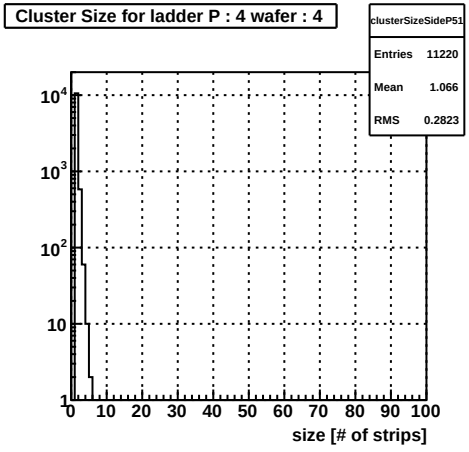

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 10276
Mean 1.034
RMS 0.2027
size [# of strips]

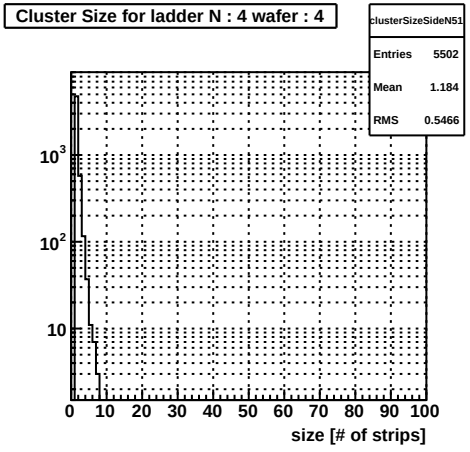

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 11459
Mean 1.682
RMS 0.923
size [# of strips]

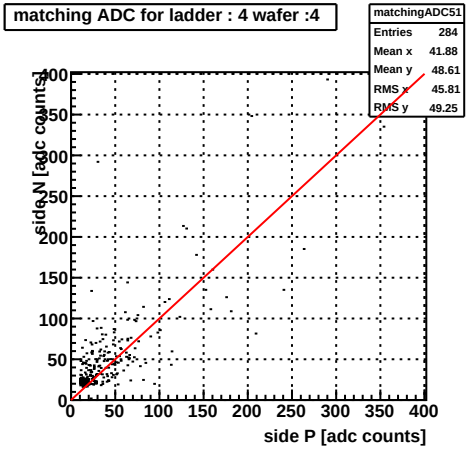

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 867
Mean x 43.66
Mean y 57.73
RMS x 47.61
RMS y 35.97
side N [adc counts]
side P [adc counts]

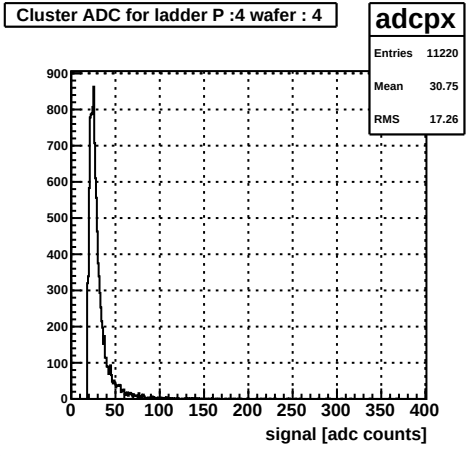

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 10276
Mean 31.43
RMS 29
signal [adc counts]

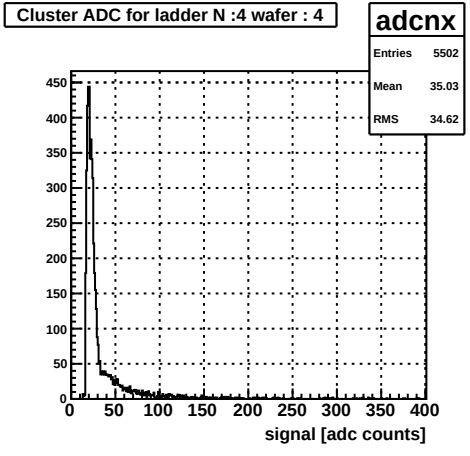

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 11459
Mean 35.68
RMS 26.05
signal [adc counts]

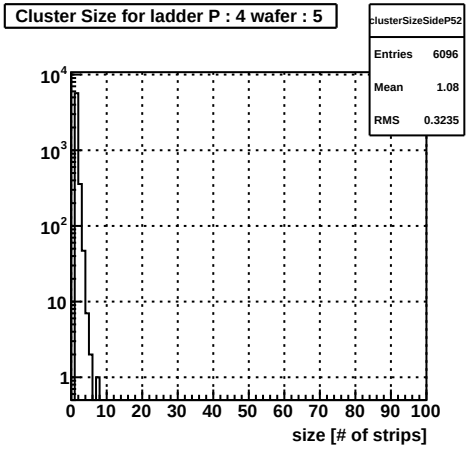

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 11220
Mean 1.066
RMS 0.2823
size [# of strips]

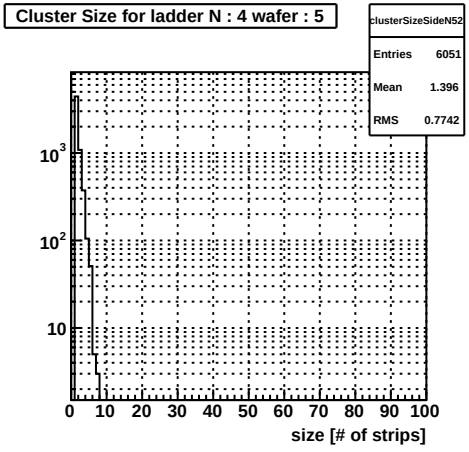

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 5502
Mean 1.184
RMS 0.5466
size [# of strips]

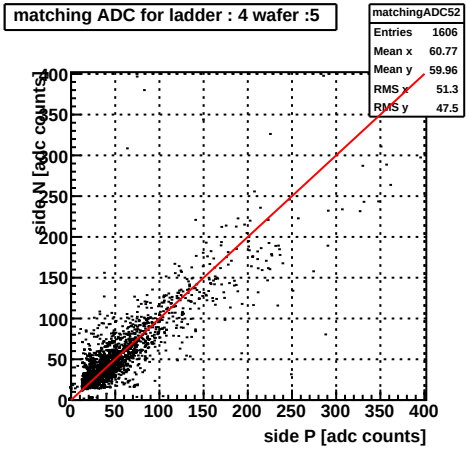

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 284
Mean x 41.88
Mean y 48.61
RMS x 45.81
RMS y 49.25
side N [adc counts]
side P [adc counts]

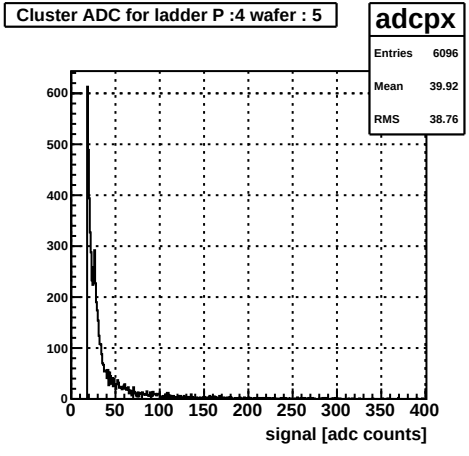

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 11220
Mean 30.75
RMS 17.26
signal [adc counts]

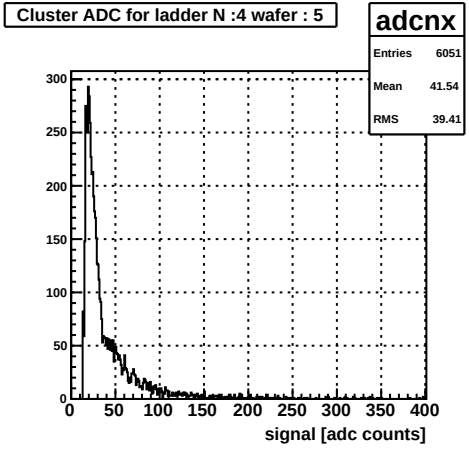

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 5502
Mean 35.03
RMS 34.62
signal [adc counts]

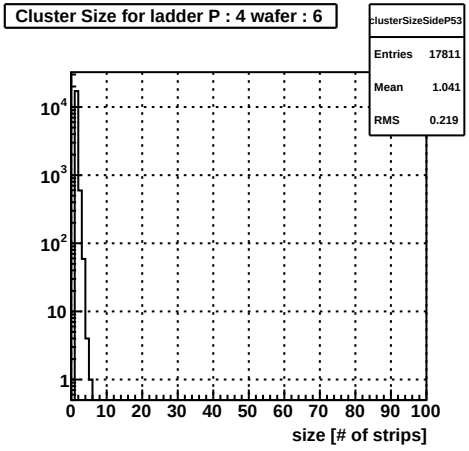

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 6096
Mean 1.08
RMS 0.3235
size [# of strips]

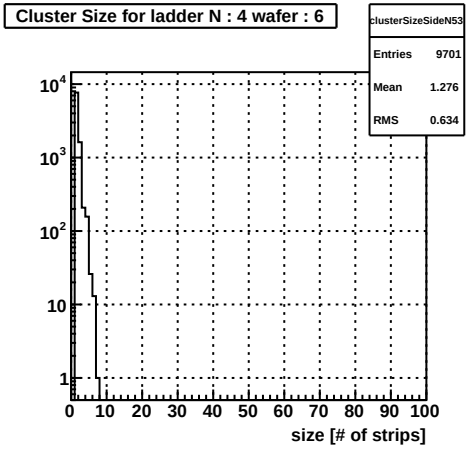

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 6051
Mean 1.396
RMS 0.7742
size [# of strips]

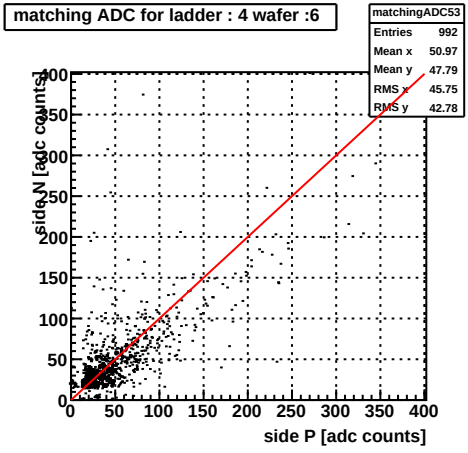

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1606
Mean x 60.77
Mean y 59.96
RMS x 51.3
RMS y 47.5
side N [adc counts]
side P [adc counts]

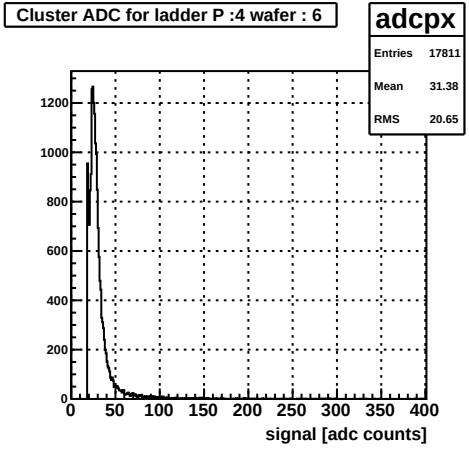

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 6096
Mean 39.92
RMS 38.76
signal [adc counts]

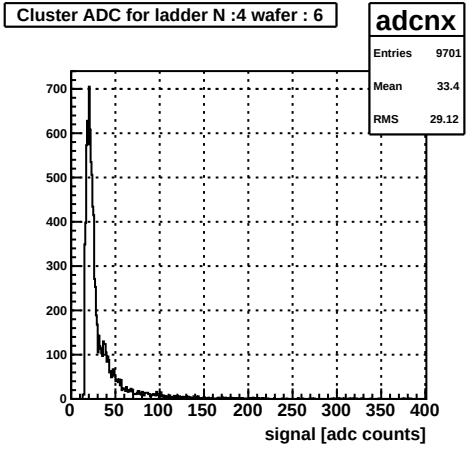

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 6051
Mean 41.54
RMS 39.41
signal [adc counts]

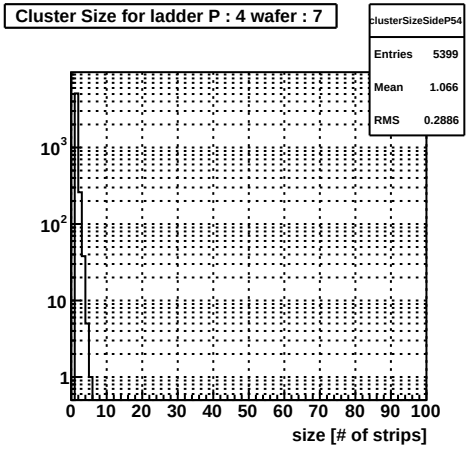

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 17811
Mean 1.041
RMS 0.219
size [# of strips]

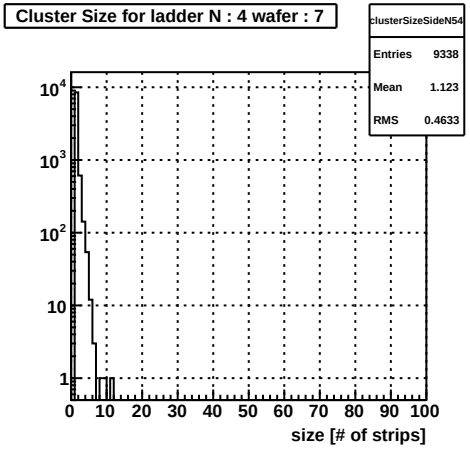

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 9701
Mean 1.276
RMS 0.634
size [# of strips]

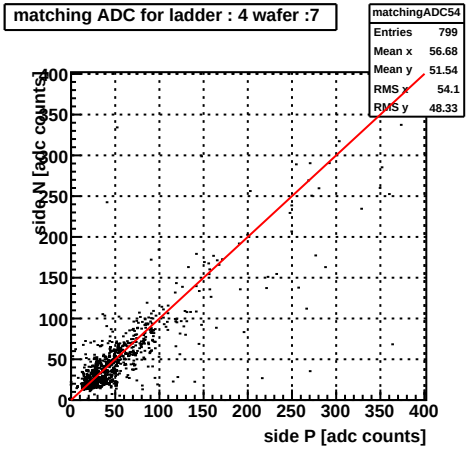

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 992
Mean x 50.97
Mean y 47.79
RMS x 45.75
RMS y 42.78
side N [adc counts]
side P [adc counts]

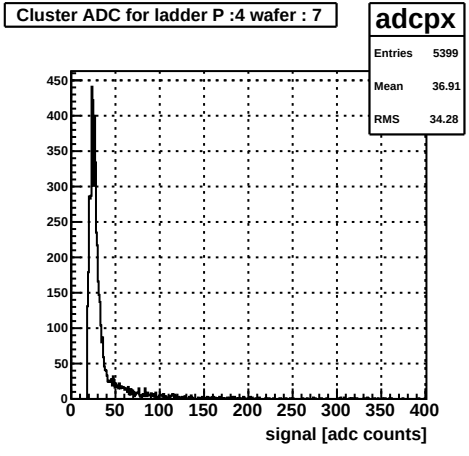

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 17811
Mean 31.38
RMS 20.65
signal [adc counts]

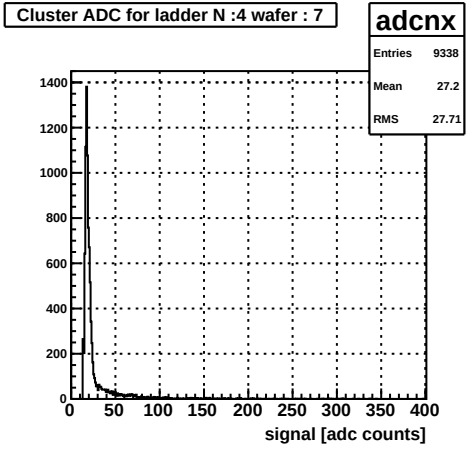

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 9701
Mean 33.4
RMS 29.12
signal [adc counts]

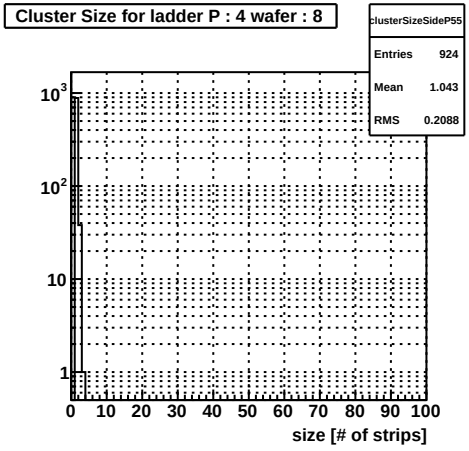

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 5399
Mean 1.066
RMS 0.2886
size [# of strips]

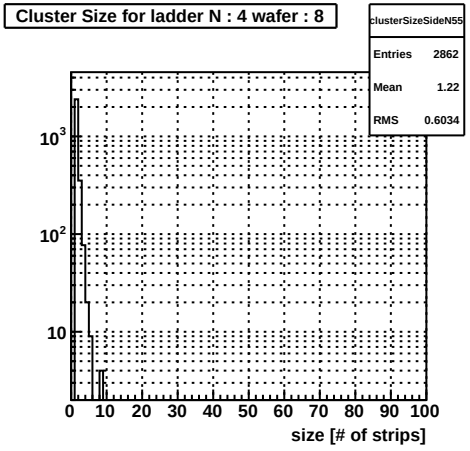

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 9338
Mean 1.123
RMS 0.4633
size [# of strips]

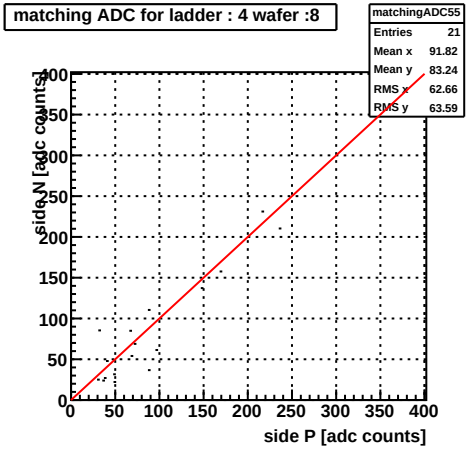

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 799
Mean x 56.68
Mean y 51.54
RMS x 54.1
RMS y 48.33
side N [adc counts]
side P [adc counts]

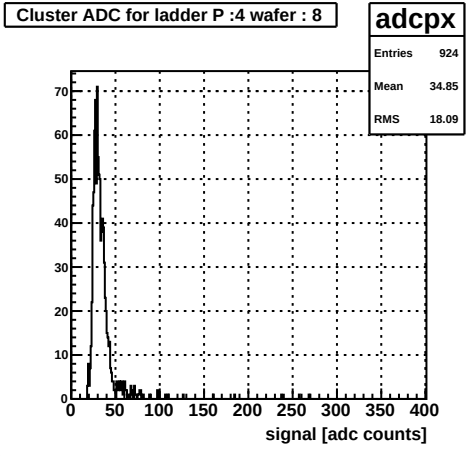

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 5399
Mean 36.91
RMS 34.28
signal [adc counts]

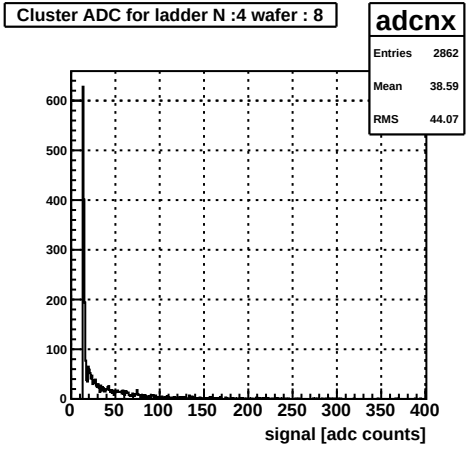

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 9338
Mean 27.2
RMS 27.71
signal [adc counts]

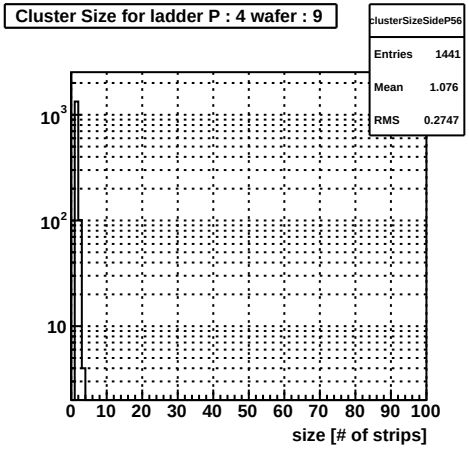

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 924
Mean 1.043
RMS 0.2088
size [# of strips]

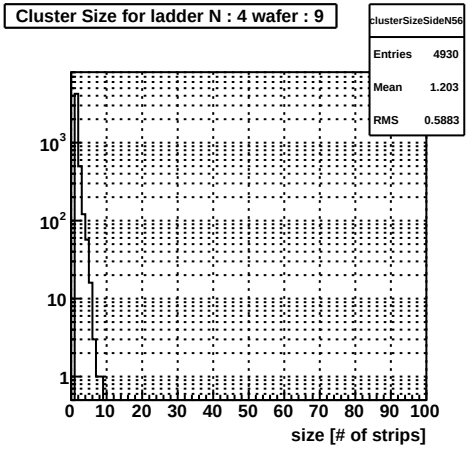

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2862
Mean 1.22
RMS 0.6034
size [# of strips]

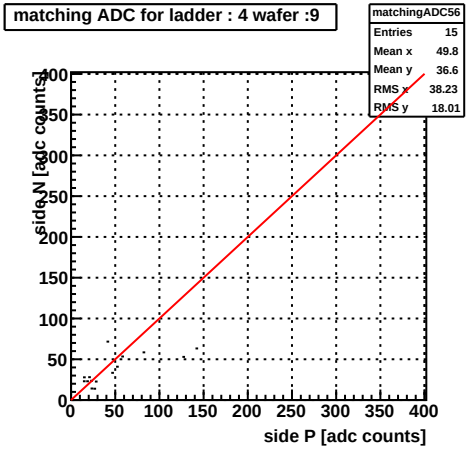

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 21
Mean x 91.82
Mean y 83.24
RMS x 62.66
RMS y 63.59
side N [adc counts]
side P [adc counts]

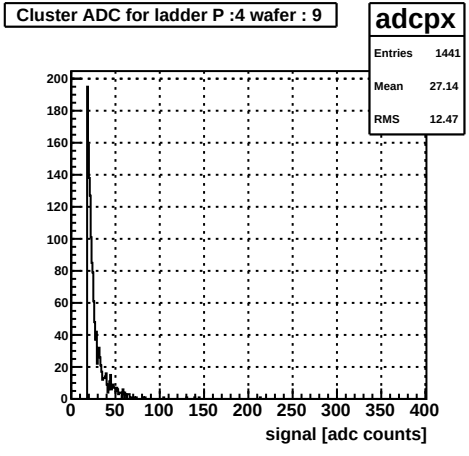

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 924
Mean 34.85
RMS 18.09
signal [adc counts]

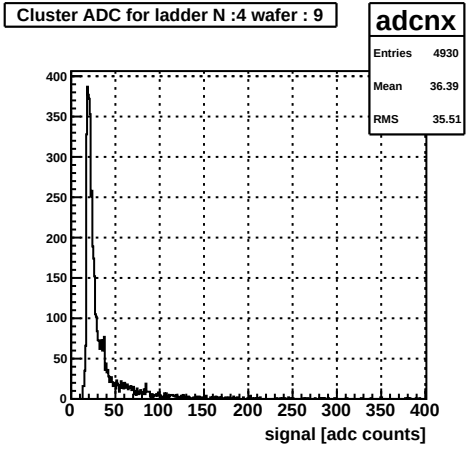

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2862
Mean 38.59
RMS 44.07
signal [adc counts]

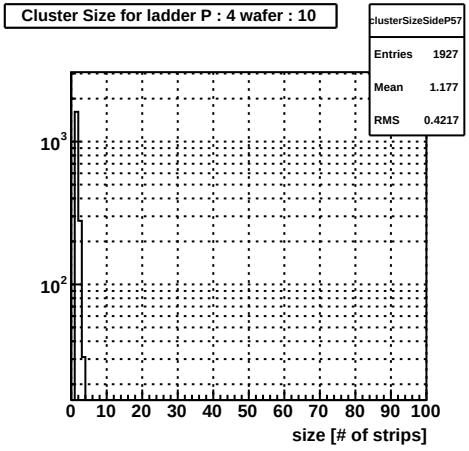

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1441
Mean 1.076
RMS 0.2747
size [# of strips]

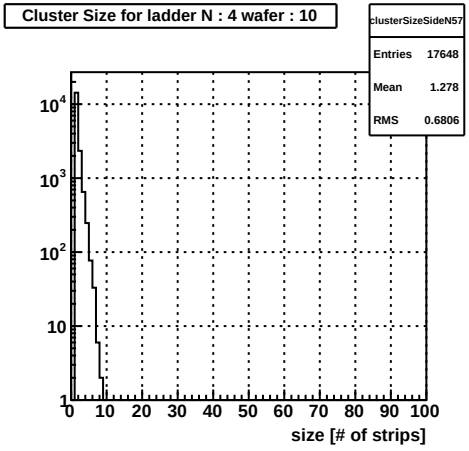

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 4930
Mean 1.203
RMS 0.5883
size [# of strips]

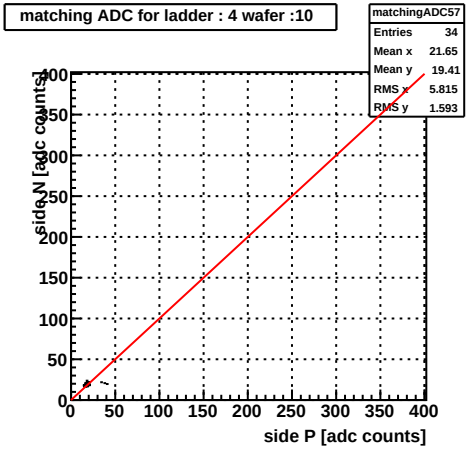

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 15
Mean x 49.8
Mean y 36.6
RMS x 38.23
RMS y 18.01
side N [adc counts]
side P [adc counts]

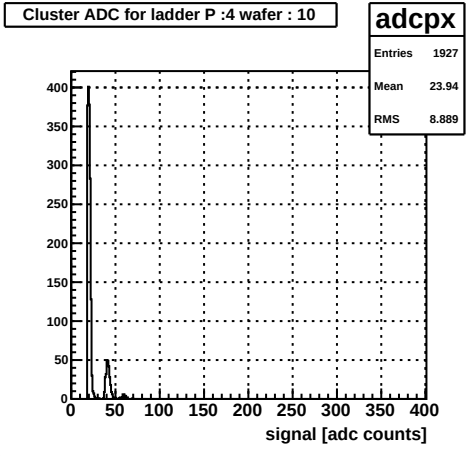

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1441
Mean 27.14
RMS 12.47
signal [adc counts]

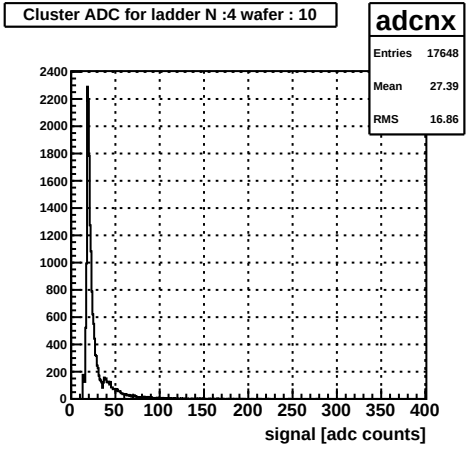

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 4930
Mean 36.39
RMS 35.51
signal [adc counts]

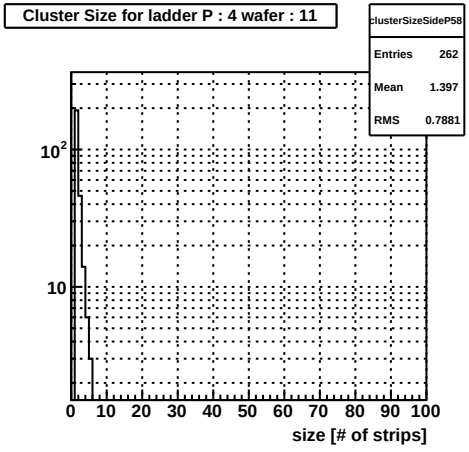

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1927
Mean 1.177
RMS 0.4217
size [# of strips]

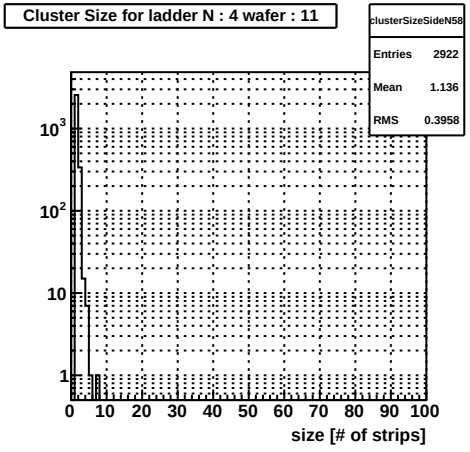

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 17648
Mean 1.278
RMS 0.6806
size [# of strips]

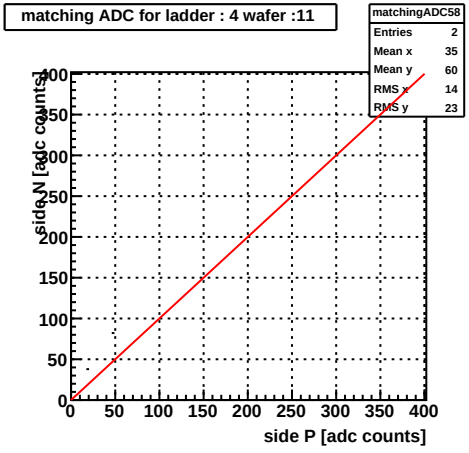

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 34
Mean x 21.65
Mean y 19.41
RMS x 5.815
RMS y 1.593
side N [adc counts]
side P [adc counts]

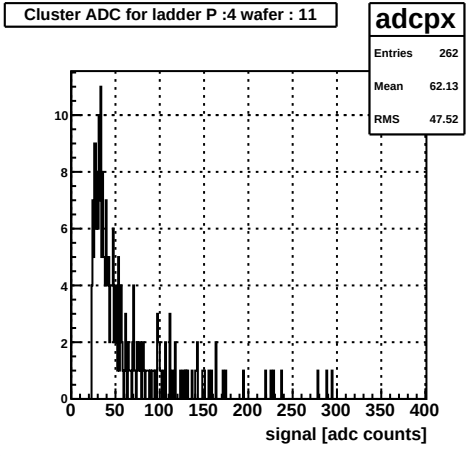

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1927
Mean 23.94
RMS 8.889
signal [adc counts]

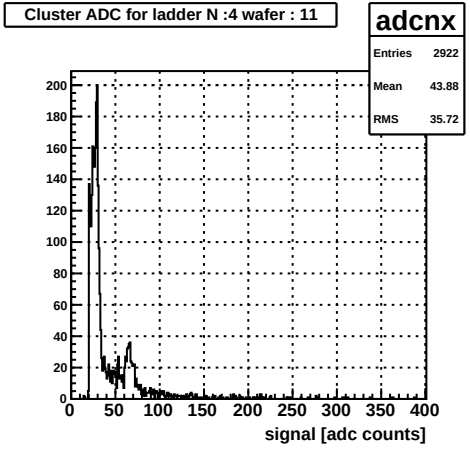

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 17648
Mean 27.39
RMS 16.86
signal [adc counts]

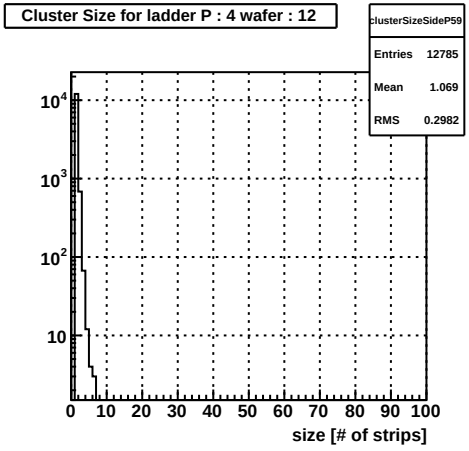

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 262
Mean 1.397
RMS 0.7881
size [# of strips]

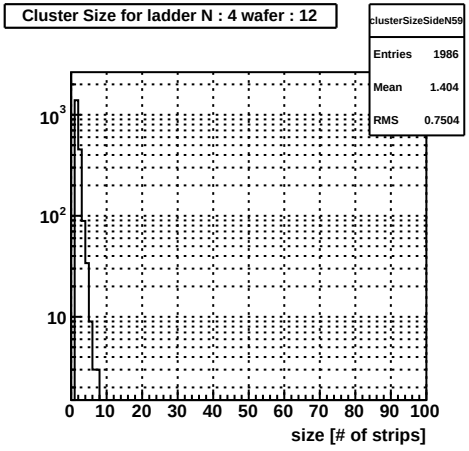

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2922
Mean 1.136
RMS 0.3958
size [# of strips]

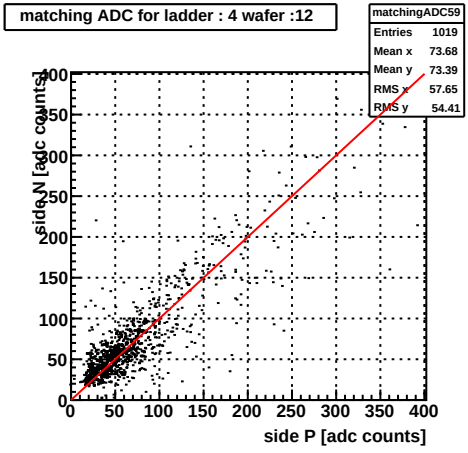

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 2
Mean x 35
Mean y 60
RMS x 14
RMS y 23
side N [adc counts]
side P [adc counts]

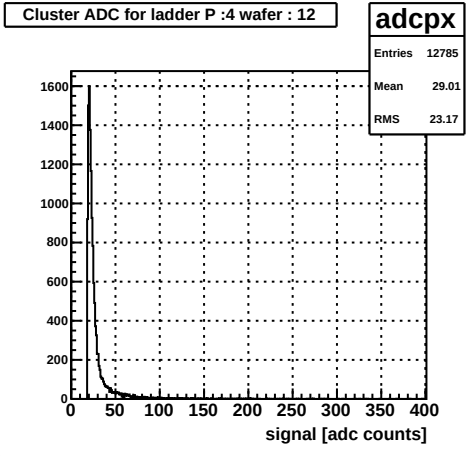

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 262
Mean 62.13
RMS 47.52
signal [adc counts]

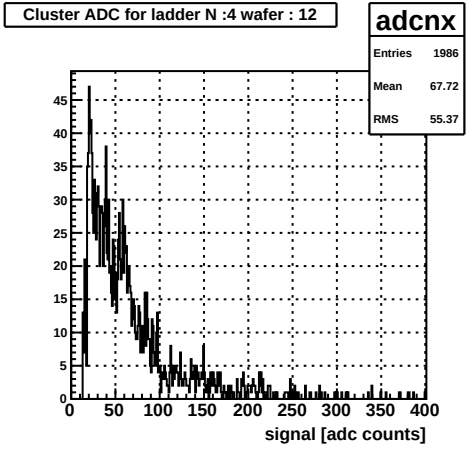

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2922
Mean 43.88
RMS 35.72
signal [adc counts]

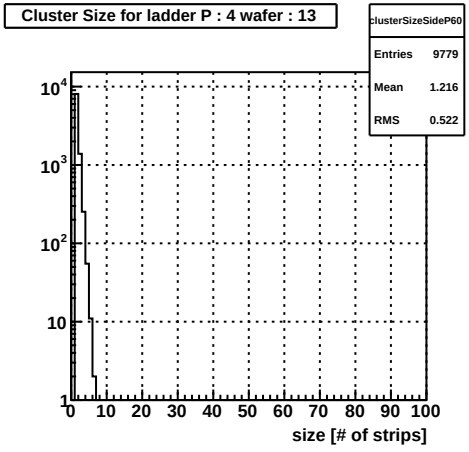

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 12785
Mean 1.069
RMS 0.2982
size [# of strips]

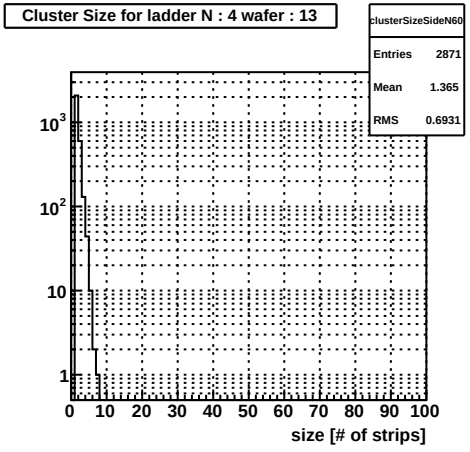

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1986
Mean 1.404
RMS 0.7504
size [# of strips]

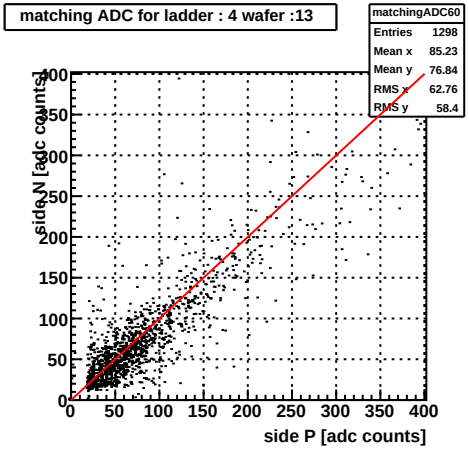

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 1019
Mean x 73.68
Mean y 73.39
RMS x 57.65
RMS y 54.41
side N [adc counts]
side P [adc counts]

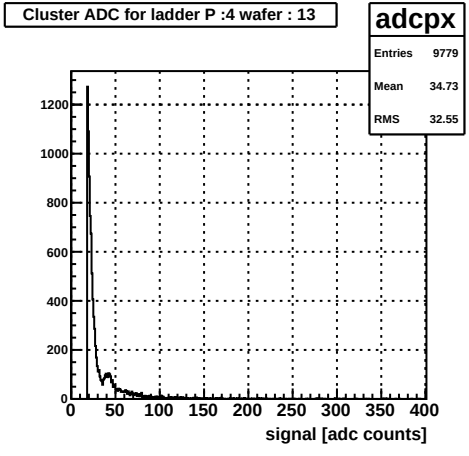

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 12785
Mean 29.01
RMS 23.17
signal [adc counts]

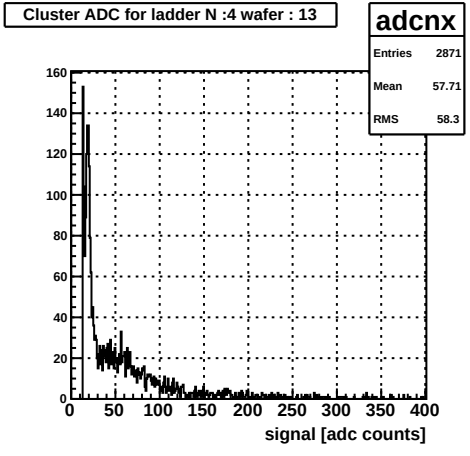

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1986
Mean 67.72
RMS 55.37
signal [adc counts]

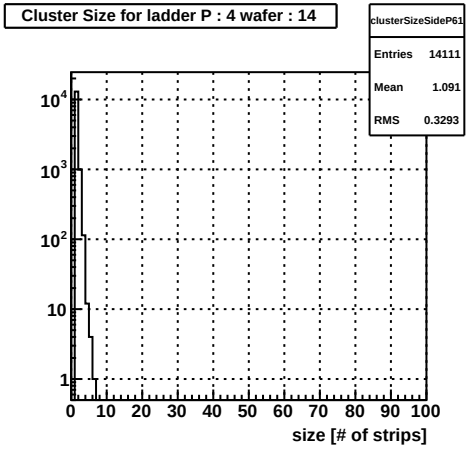

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 9779
Mean 1.216
RMS 0.522
size [# of strips]

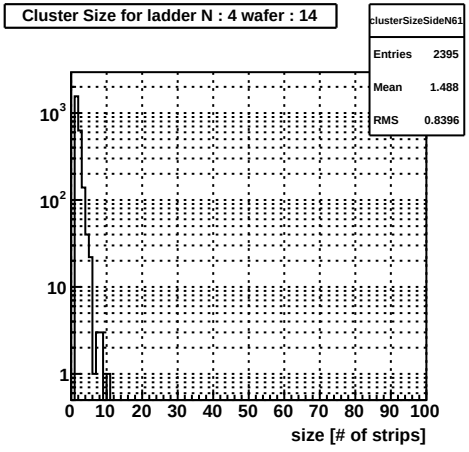

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2871
Mean 1.365
RMS 0.6931
size [# of strips]

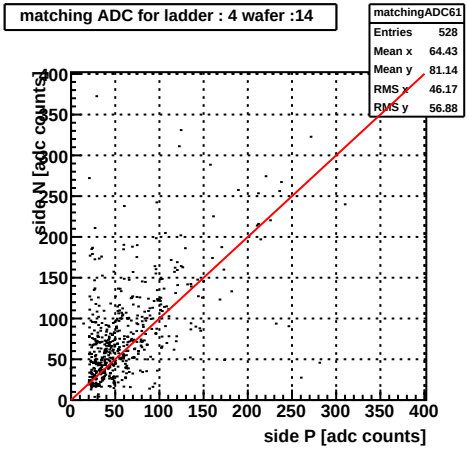

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1298
Mean x 85.23
Mean y 76.84
RMS x 62.76
RMS y 58.4
side N [adc counts]
side P [adc counts]

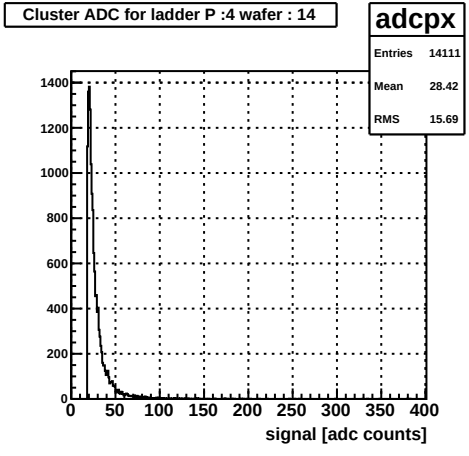

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 9779
Mean 34.73
RMS 32.55
signal [adc counts]

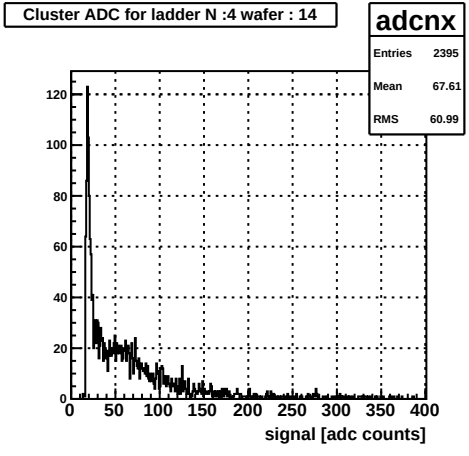

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2871
Mean 57.71
RMS 58.3
signal [adc counts]

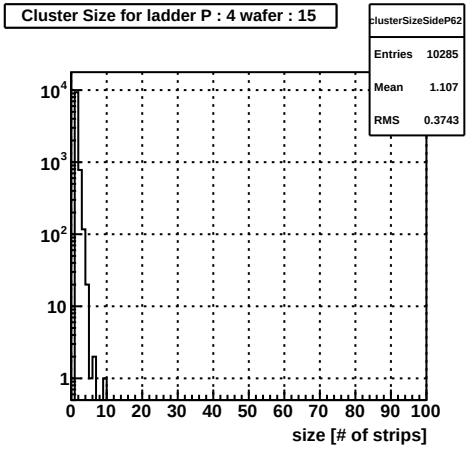

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 14111
Mean 1.091
RMS 0.3293
size [# of strips]

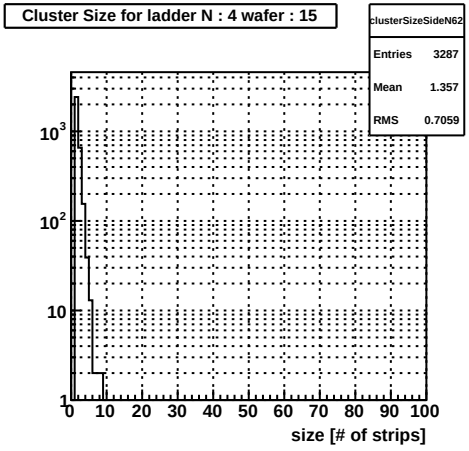

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2395
Mean 1.488
RMS 0.8396
size [# of strips]

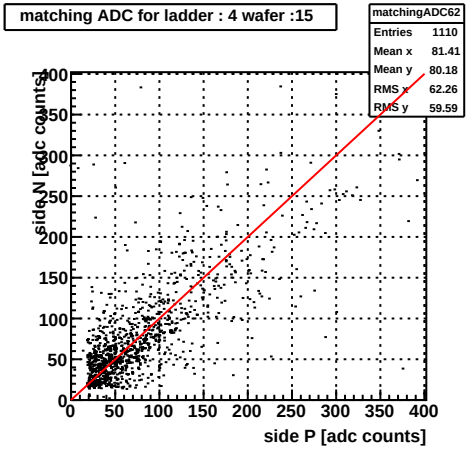

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 528
Mean x 64.43
Mean y 81.14
RMS x 46.17
RMS y 56.88
side N [adc counts]
side P [adc counts]

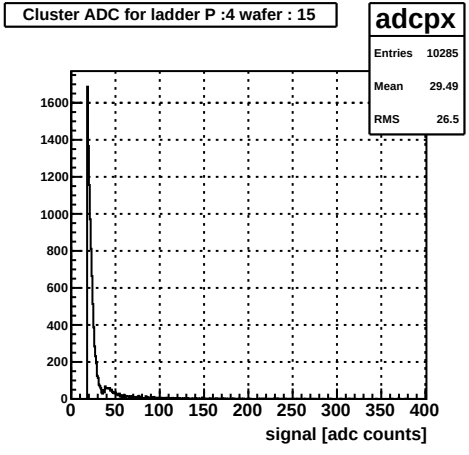

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 14111
Mean 28.42
RMS 15.69
signal [adc counts]

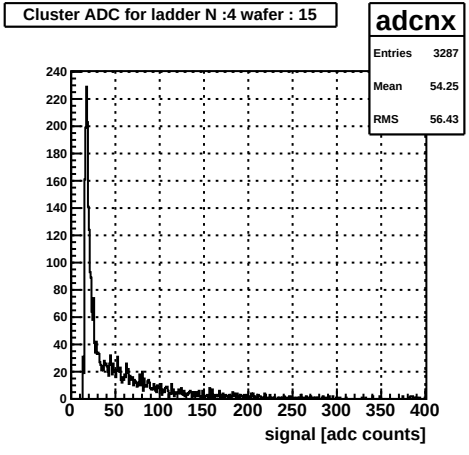

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2395
Mean 67.61
RMS 60.99
signal [adc counts]

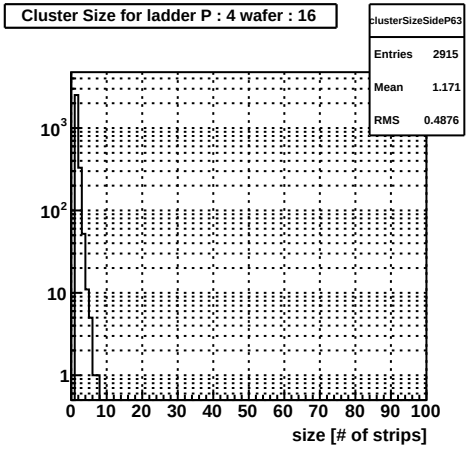

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 10285
Mean 1.107
RMS 0.3743
size [# of strips]

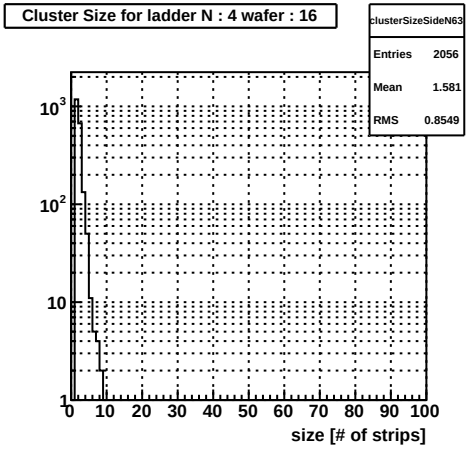

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 3287
Mean 1.357
RMS 0.7059
size [# of strips]

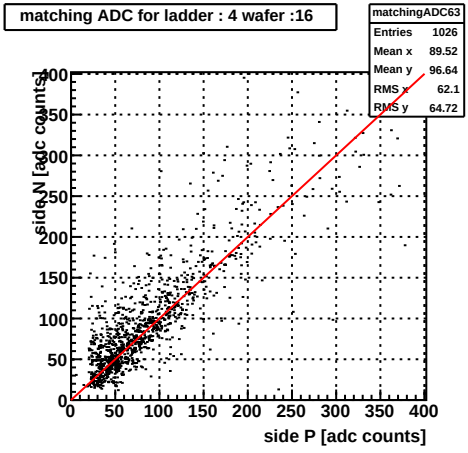

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1110
Mean x 81.41
Mean y 80.18
RMS x 62.26
RMS y 59.59
side N [adc counts]
side P [adc counts]

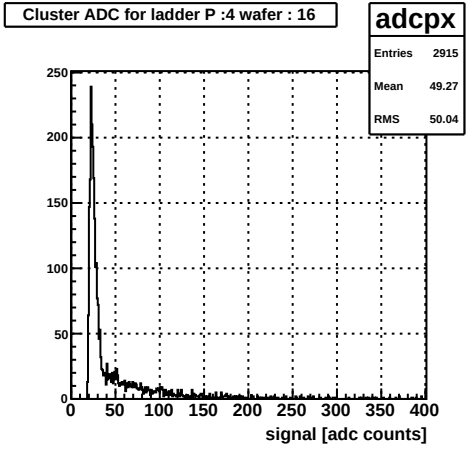

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 10285
Mean 29.49
RMS 26.5
signal [adc counts]

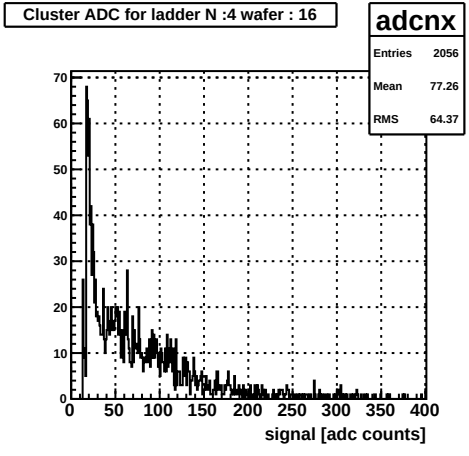

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 3287
Mean 54.25
RMS 56.43
signal [adc counts]

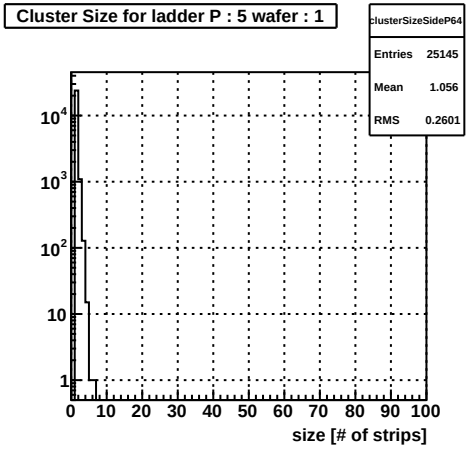

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2915
Mean 1.171
RMS 0.4876
size [# of strips]

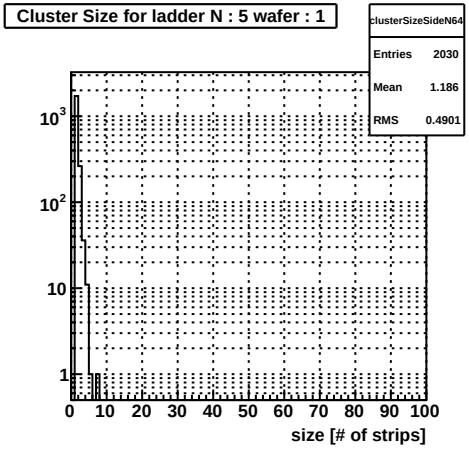

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2056
Mean 1.581
RMS 0.8549
size [# of strips]

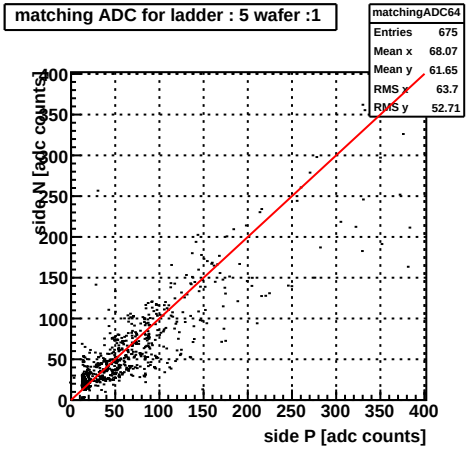

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1026
Mean x 89.52
Mean y 96.64
RMS x 62.1
RMS y 64.72
side N [adc counts]
side P [adc counts]

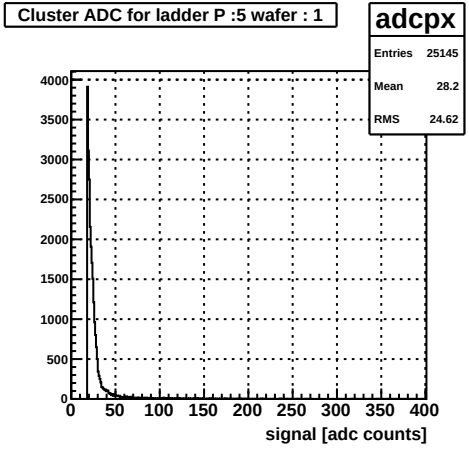

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2915
Mean 49.27
RMS 50.04
signal [adc counts]

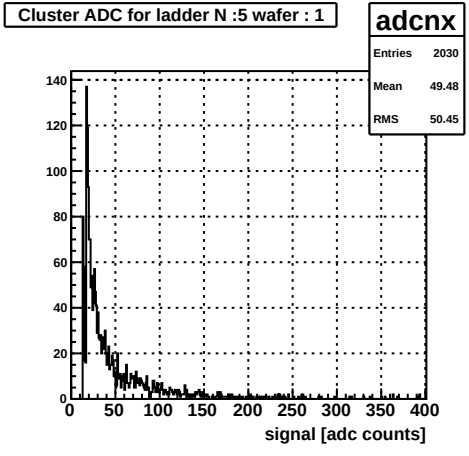

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2056
Mean 77.26
RMS 64.37
signal [adc counts]

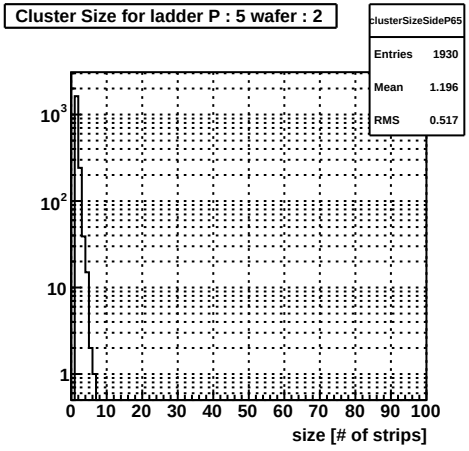

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 25145
Mean 1.056
RMS 0.2601
size [# of strips]

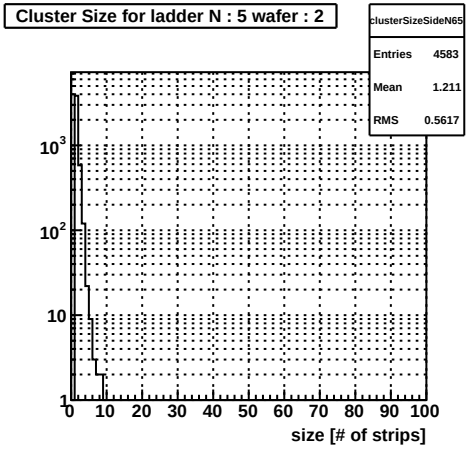

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2030
Mean 1.186
RMS 0.4901
size [# of strips]

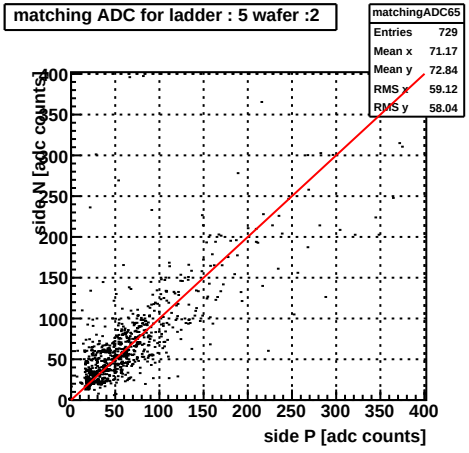

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 675
Mean x 68.07
Mean y 61.65
RMS x 63.7
RMS y 52.71
side N [adc counts]
side P [adc counts]

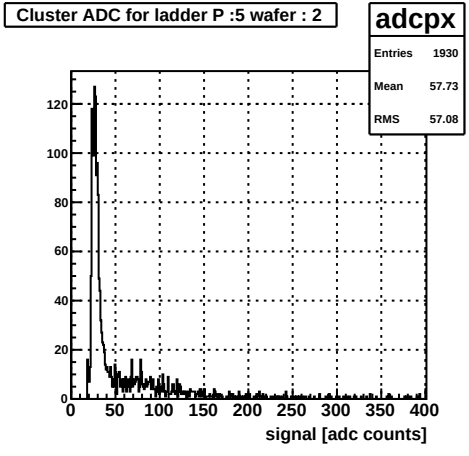

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 25145
Mean 28.2
RMS 24.62
signal [adc counts]

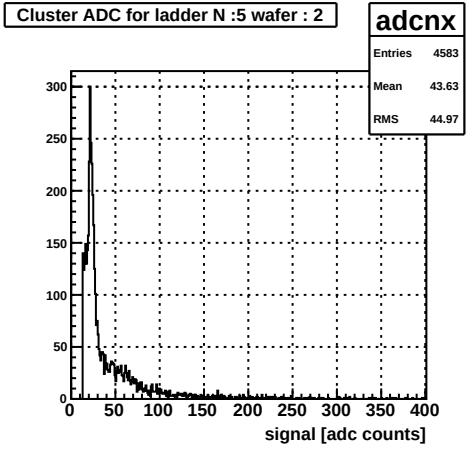

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2030
Mean 49.48
RMS 50.45
signal [adc counts]

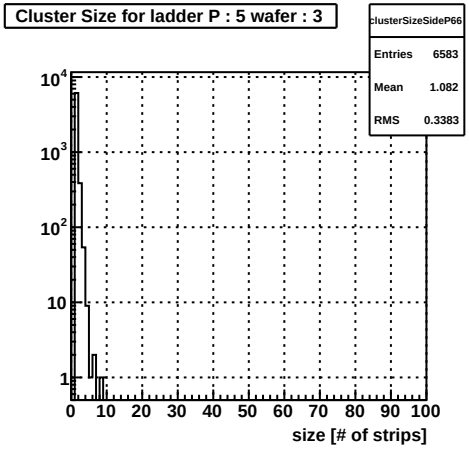

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1930
Mean 1.196
RMS 0.517
size [# of strips]

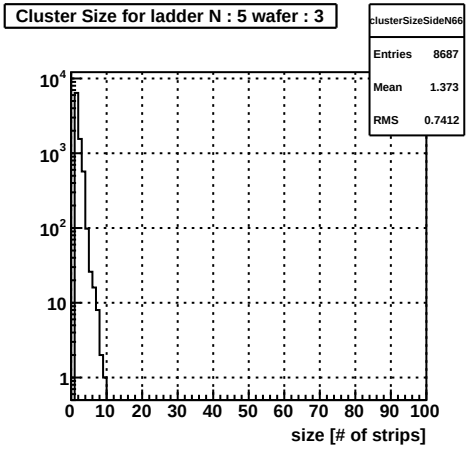

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4583
Mean 1.211
RMS 0.5617
size [# of strips]

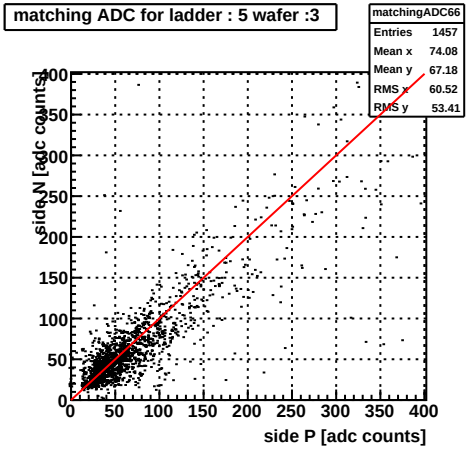

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 729
Mean x 71.17
Mean y 72.84
RMS x 59.12
RMS y 58.04
side N [adc counts]
side P [adc counts]

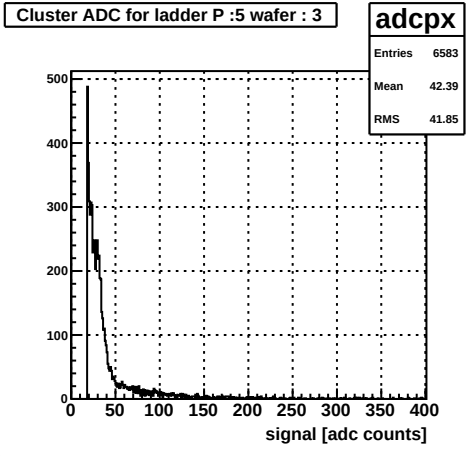

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1930
Mean 57.73
RMS 57.08
signal [adc counts]

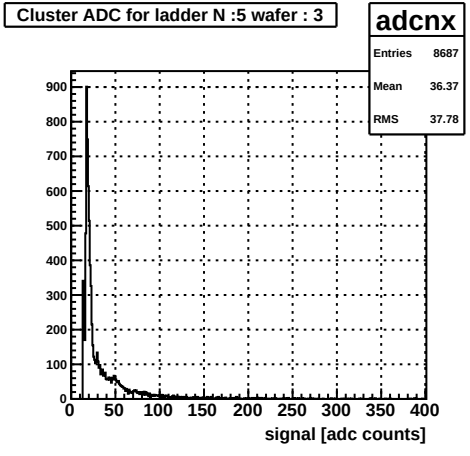

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4583
Mean 43.63
RMS 44.97
signal [adc counts]

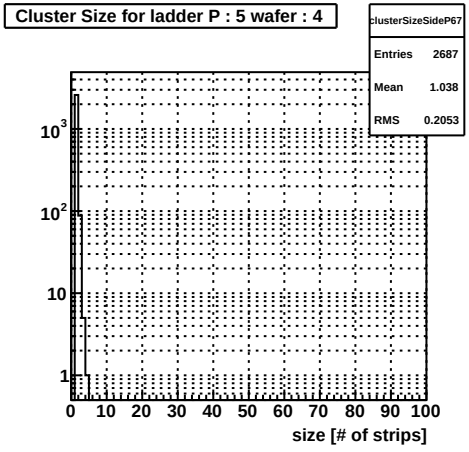

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6583
Mean 1.082
RMS 0.3383
size [# of strips]

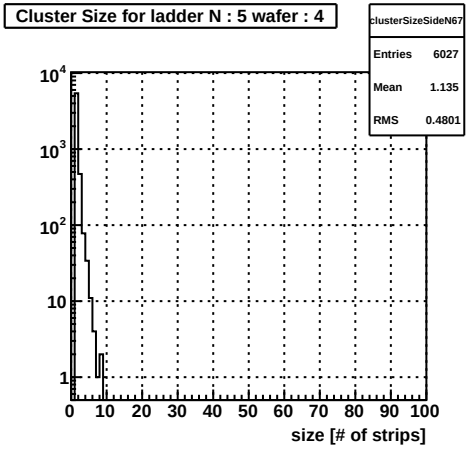

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 8687
Mean 1.373
RMS 0.7412
size [# of strips]

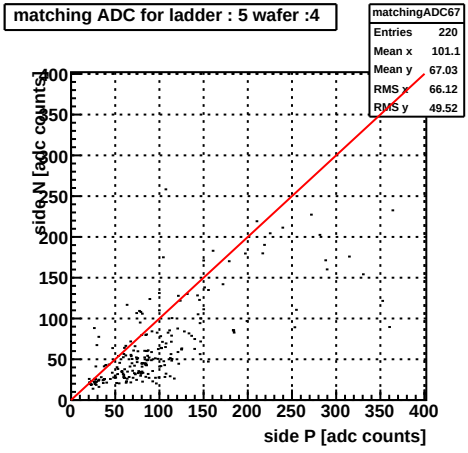

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1457
Mean x 74.08
Mean y 67.18
RMS x 60.52
RMS y 53.41
side N [adc counts]
side P [adc counts]

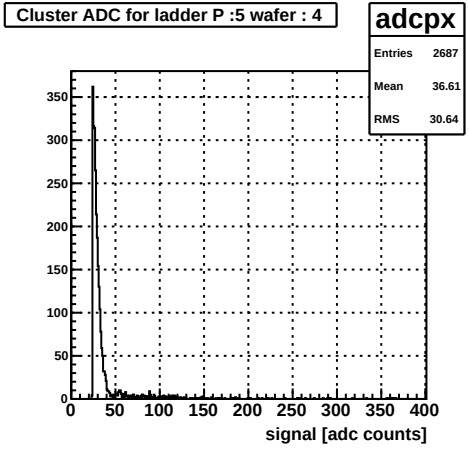

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6583
Mean 42.39
RMS 41.85
signal [adc counts]

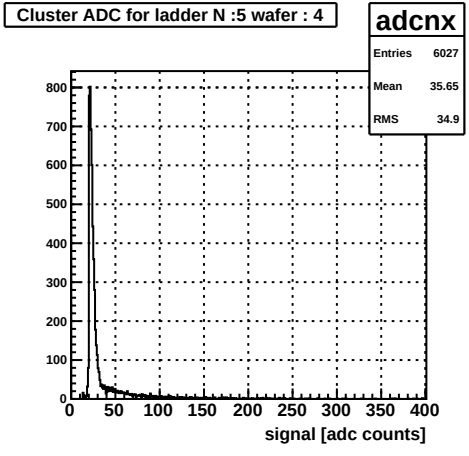

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 8687
Mean 36.37
RMS 37.78
signal [adc counts]

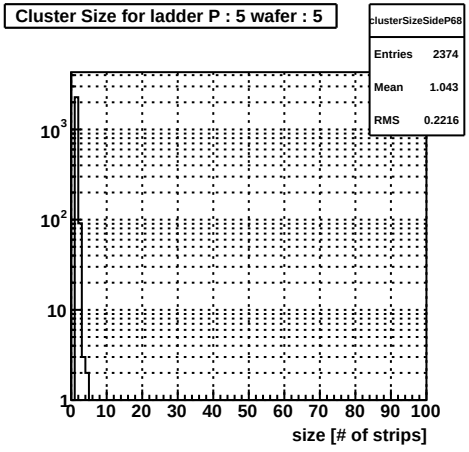

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 2687
Mean 1.038
RMS 0.2053
size [# of strips]

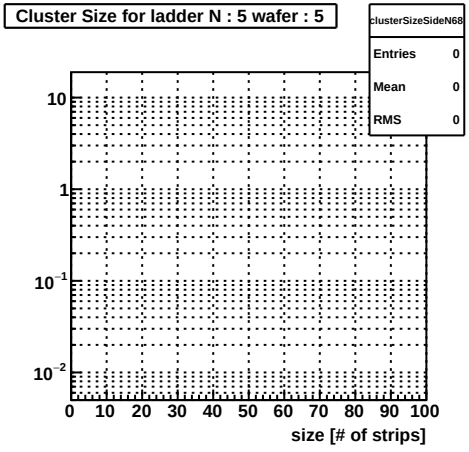

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 6027
Mean 1.135
RMS 0.4801
size [# of strips]

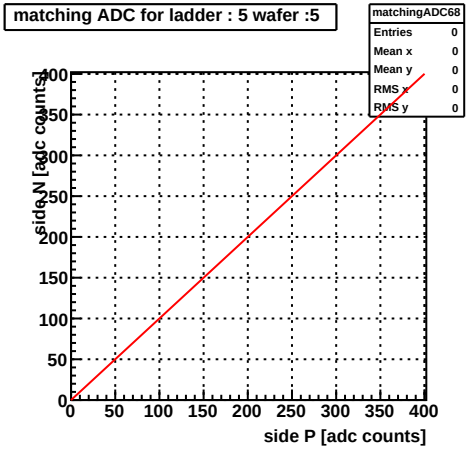

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 220
Mean x 101.1
Mean y 67.03
RMS x 66.12
RMS y 49.52
side N [adc counts]
side P [adc counts]

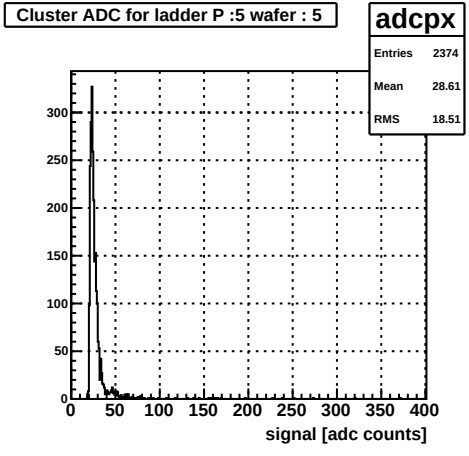

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 2687
Mean 36.61
RMS 30.64
signal [adc counts]

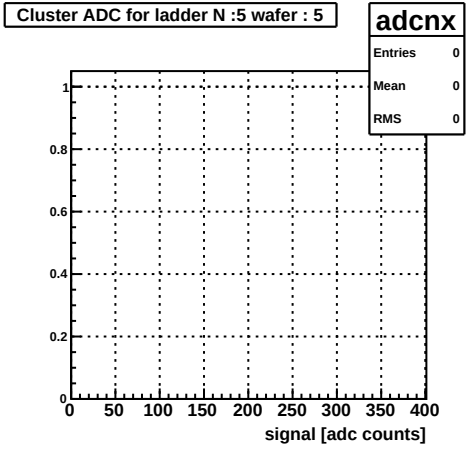

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 6027
Mean 35.65
RMS 34.9
signal [adc counts]

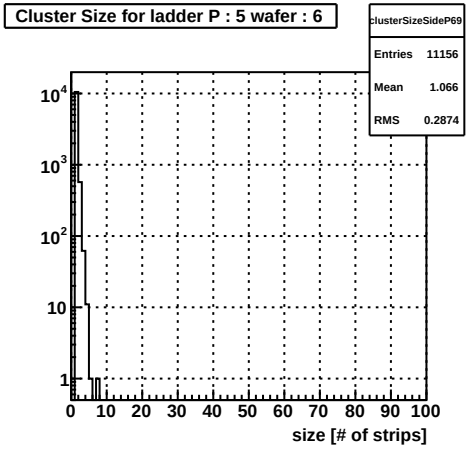

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 2374
Mean 1.043
RMS 0.2216
size [# of strips]

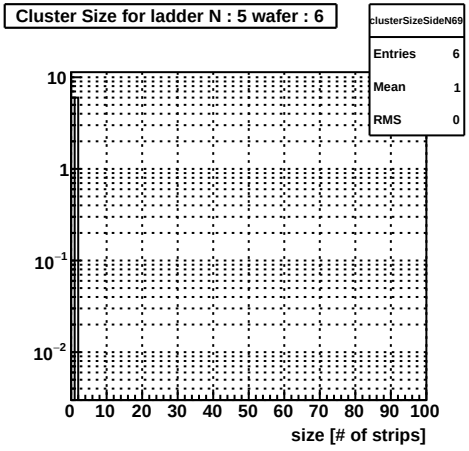

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 0
Mean 0
RMS 0
size [# of strips]

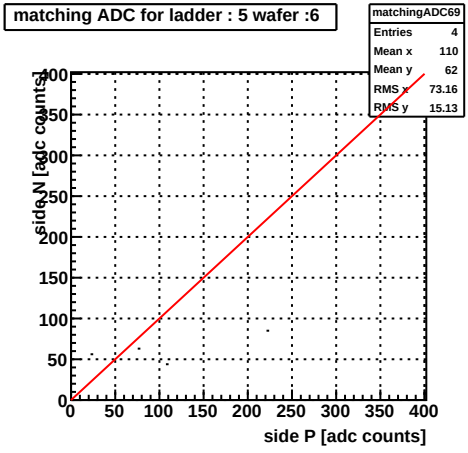

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

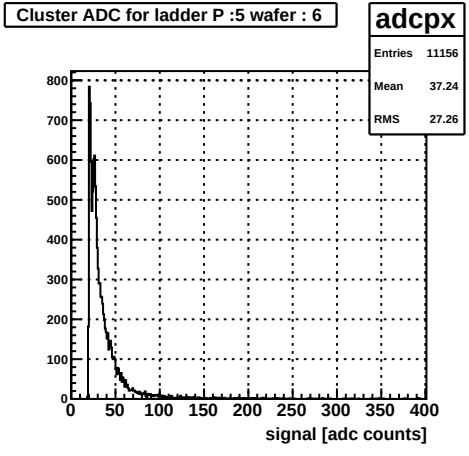

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 2374
Mean 28.61
RMS 18.51
signal [adc counts]

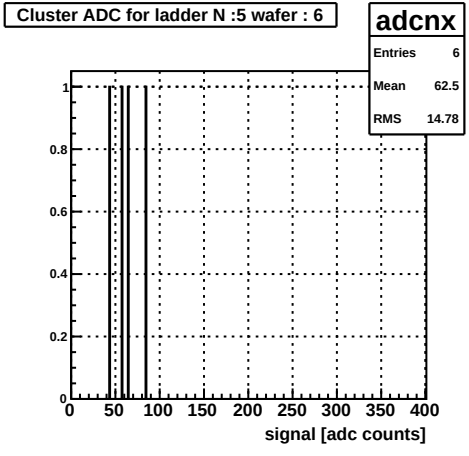

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

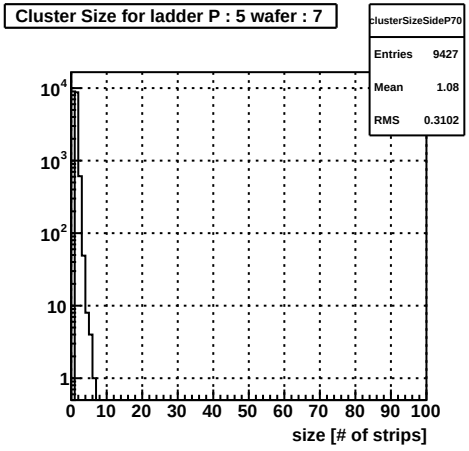

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 11156
Mean 1.066
RMS 0.2874
size [# of strips]

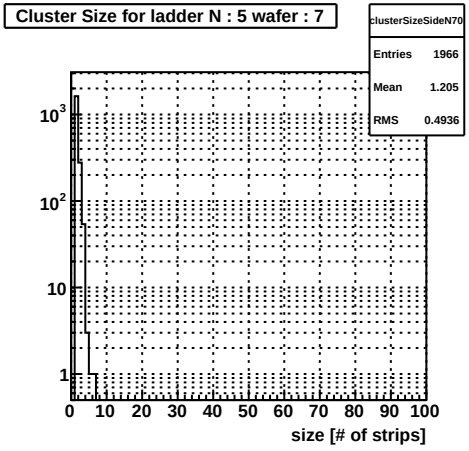

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 6
Mean 1
RMS 0
size [# of strips]

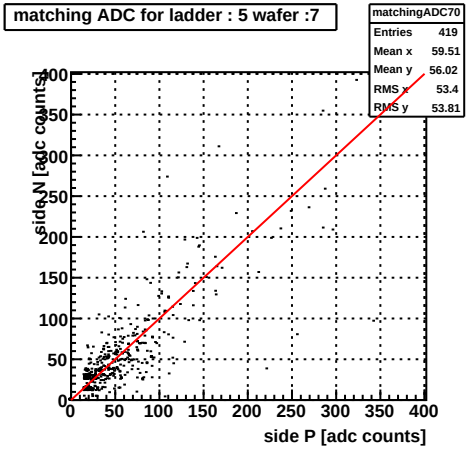

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 4
Mean x 110
Mean y 62
RMS x 73.16
RMS y 15.13
side N [adc counts]
side P [adc counts]

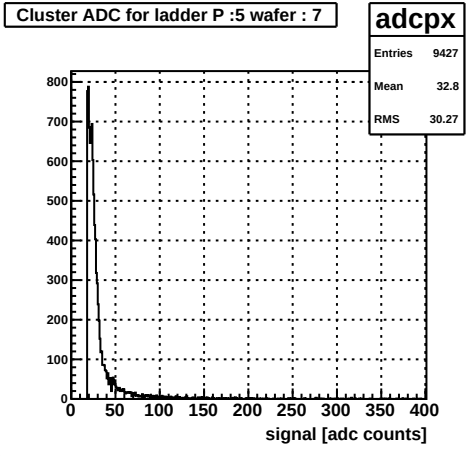

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 11156
Mean 37.24
RMS 27.26
signal [adc counts]

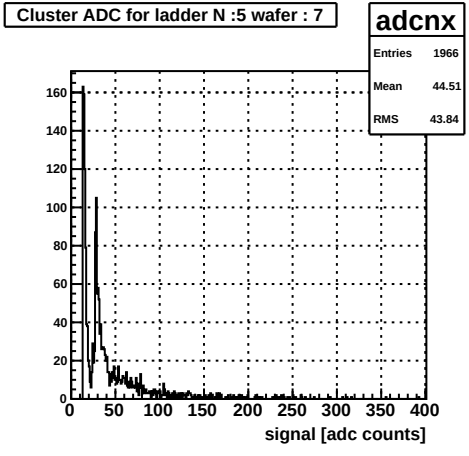

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 6
Mean 62.5
RMS 14.78
signal [adc counts]

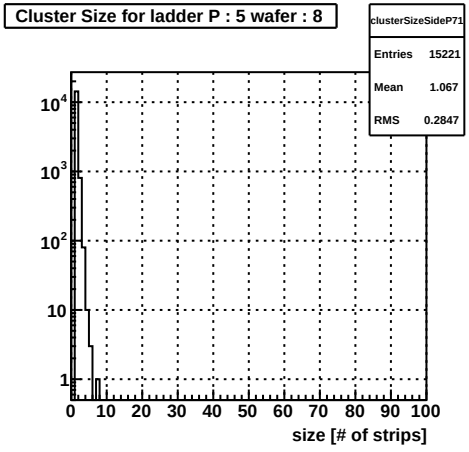

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 9427
Mean 1.08
RMS 0.3102
size [# of strips]

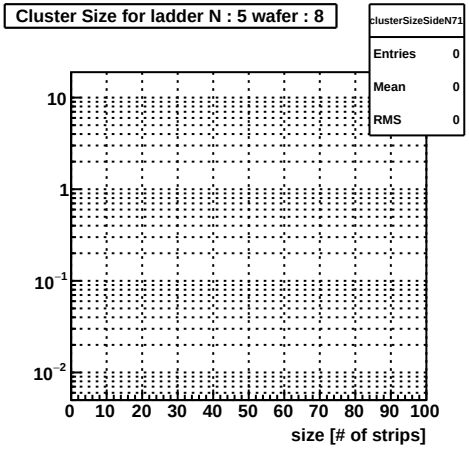

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1966
Mean 1.205
RMS 0.4936
size [# of strips]

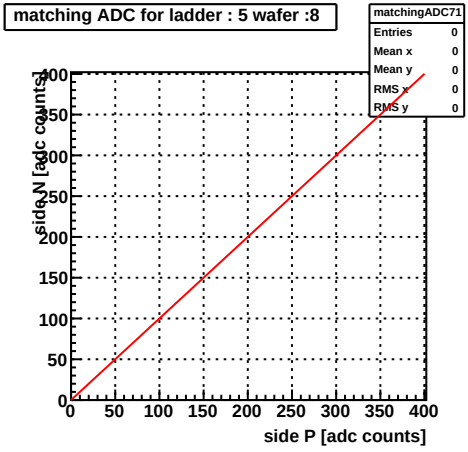

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 419
Mean x 59.51
Mean y 56.02
RMS x 53.4
RMS y 53.81
side N [adc counts]
side P [adc counts]

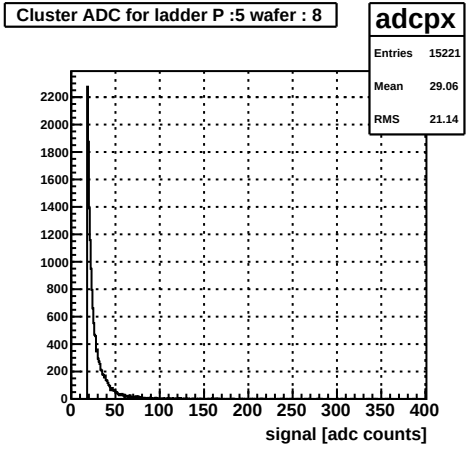

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 9427
Mean 32.8
RMS 30.27
signal [adc counts]

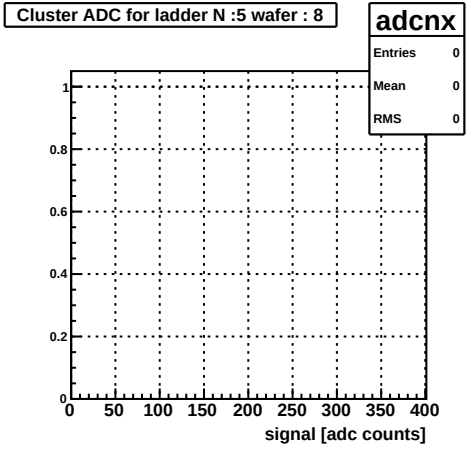

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1966
Mean 44.51
RMS 43.84
signal [adc counts]

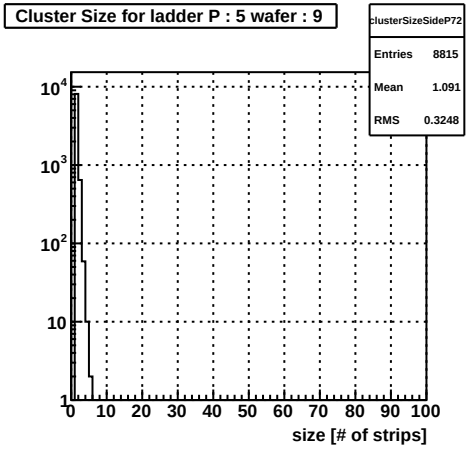

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 15221
Mean 1.067
RMS 0.2847
size [# of strips]

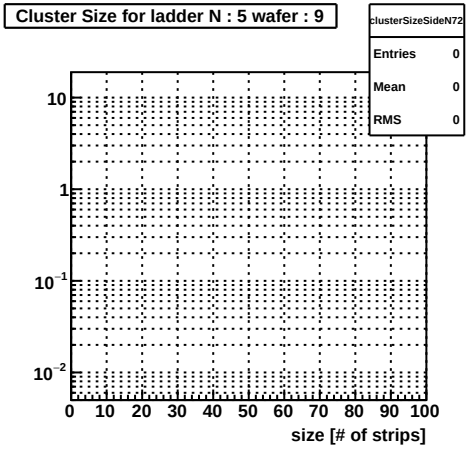

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

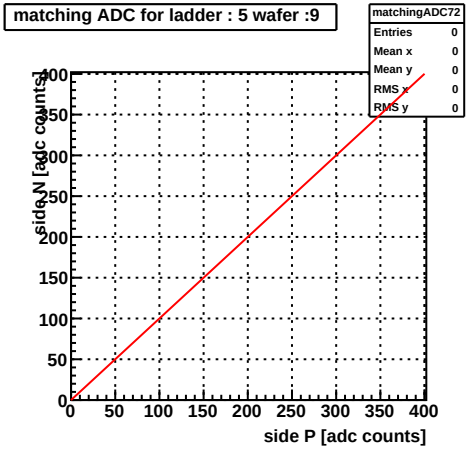

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

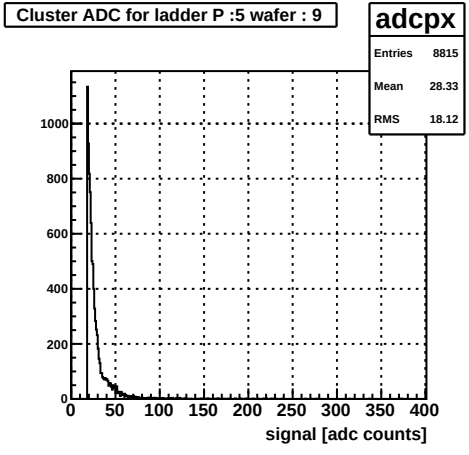

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 15221
Mean 29.06
RMS 21.14
signal [adc counts]

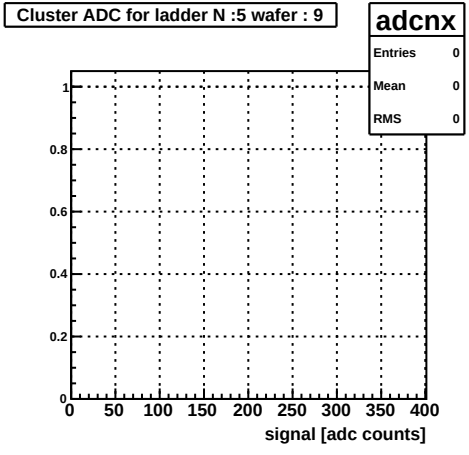

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

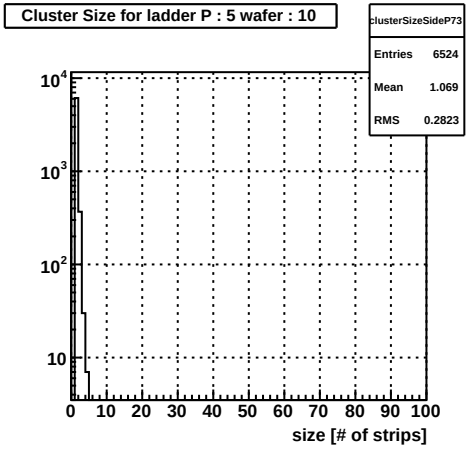

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 8815
Mean 1.091
RMS 0.3248
size [# of strips]

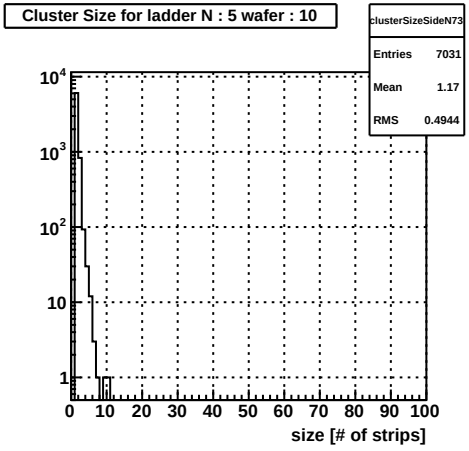

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

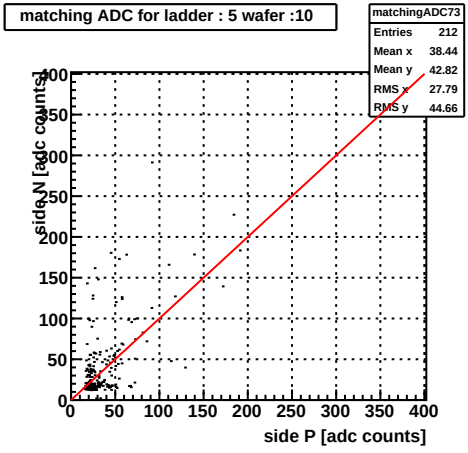

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

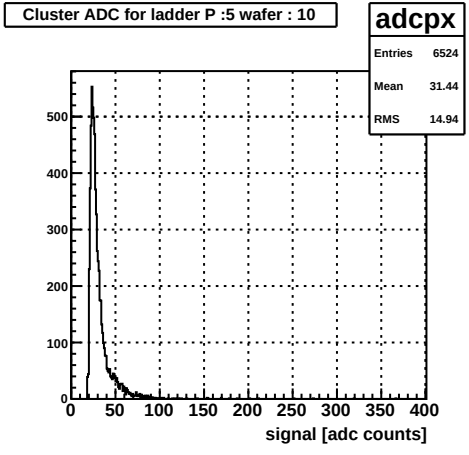

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 8815
Mean 28.33
RMS 18.12
signal [adc counts]

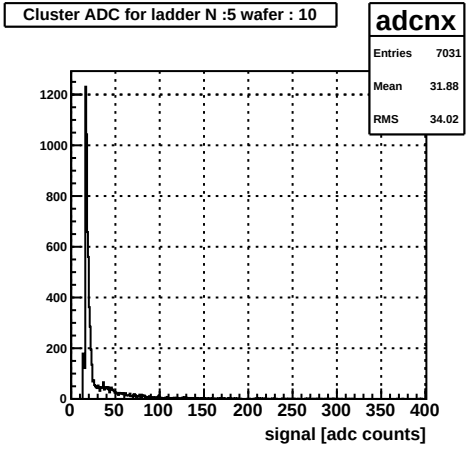

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

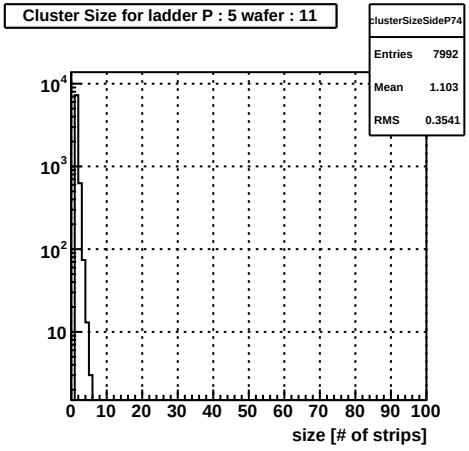

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 6524
Mean 1.069
RMS 0.2823
size [# of strips]

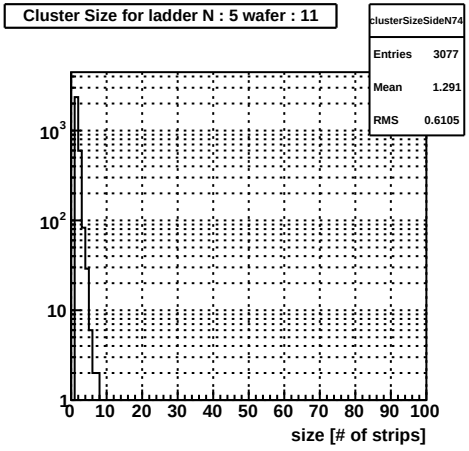

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 7031
Mean 1.17
RMS 0.4944
size [# of strips]

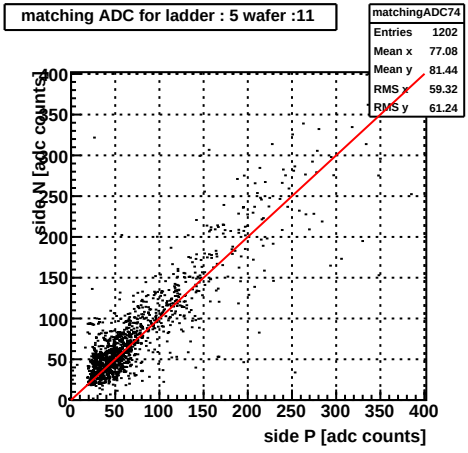

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 212
Mean x 38.44
Mean y 42.82
RMS x 27.79
RMS y 44.66
side N [adc counts]
side P [adc counts]

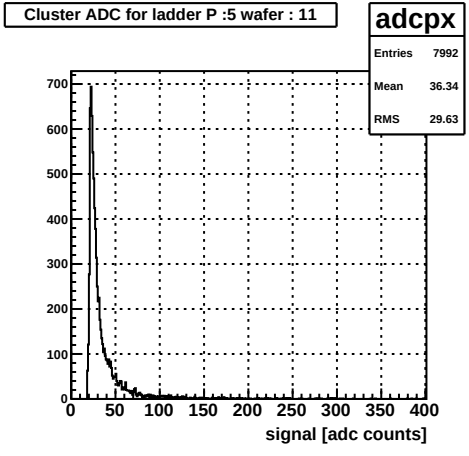

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 6524
Mean 31.44
RMS 14.94
signal [adc counts]

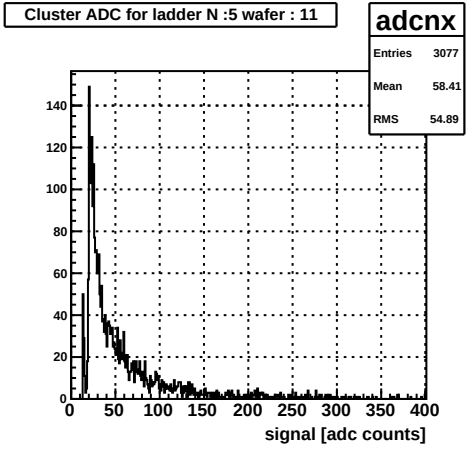

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 7031
Mean 31.88
RMS 34.02
signal [adc counts]

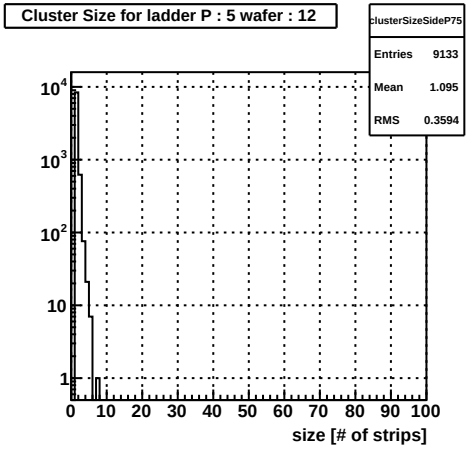

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 7992
Mean 1.103
RMS 0.3541
size [# of strips]

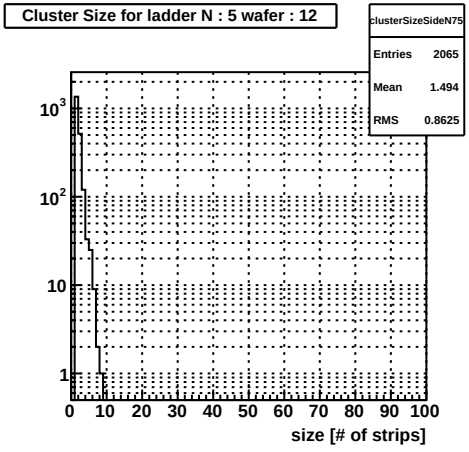

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3077
Mean 1.291
RMS 0.6105
size [# of strips]

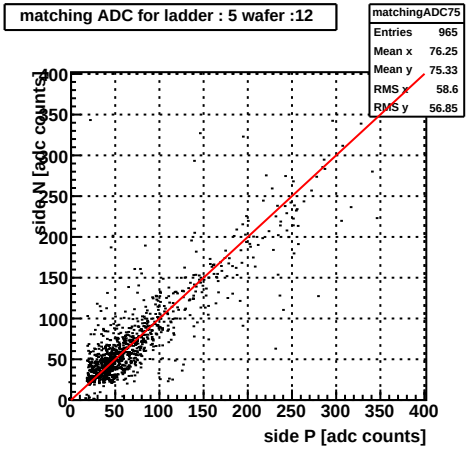

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1202
Mean x 77.08
Mean y 81.44
RMS x 59.32
RMS y 61.24
side N [adc counts]
side P [adc counts]

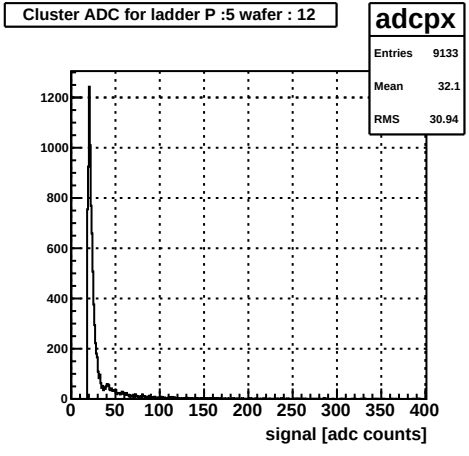

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 7992
Mean 36.34
RMS 29.63
signal [adc counts]

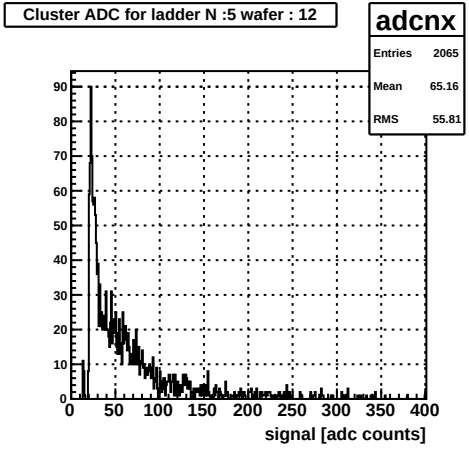

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3077
Mean 58.41
RMS 54.89
signal [adc counts]

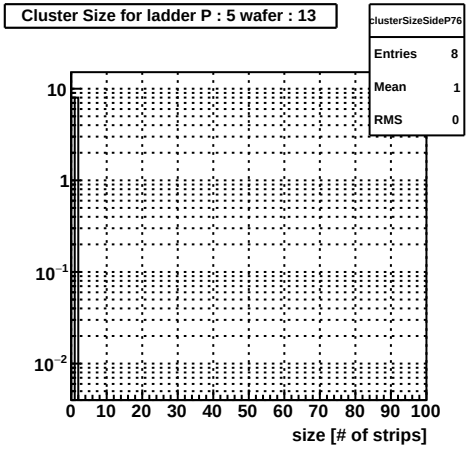

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 9133
Mean 1.095
RMS 0.3594
size [# of strips]

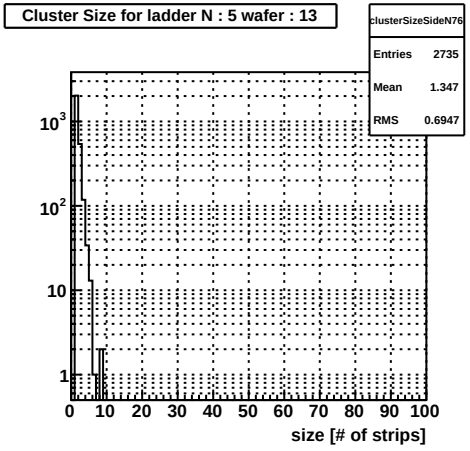

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2065
Mean 1.494
RMS 0.8625
size [# of strips]

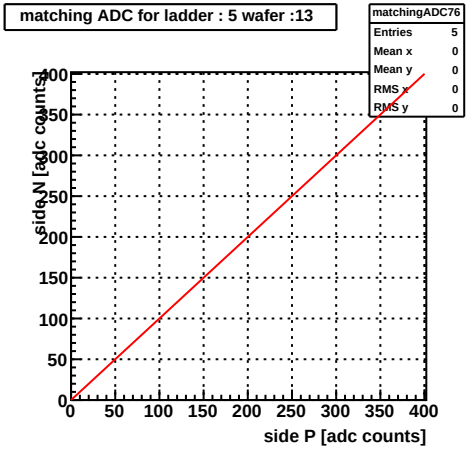

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 965
Mean x 76.25
Mean y 75.33
RMS x 58.6
RMS y 56.85
side N [adc counts]
side P [adc counts]

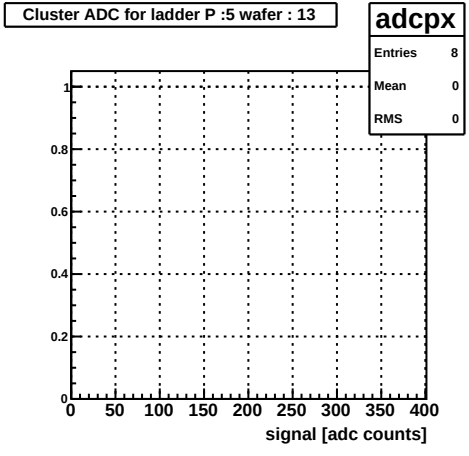

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 9133
Mean 32.1
RMS 30.94
signal [adc counts]

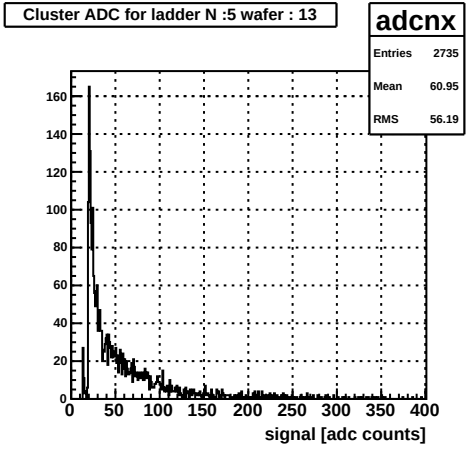

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2065
Mean 65.16
RMS 55.81
signal [adc counts]

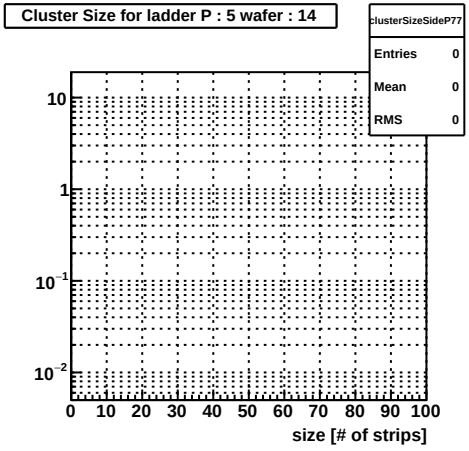

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 8
Mean 1
RMS 0
size [# of strips]

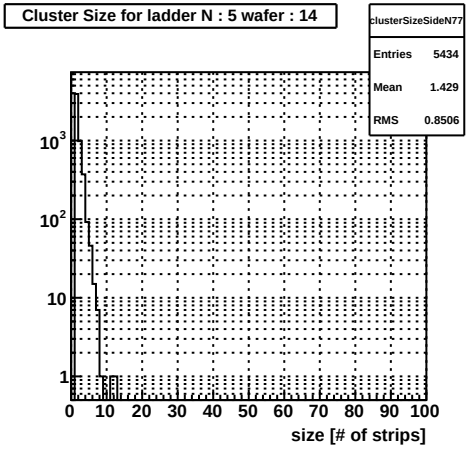

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2735
Mean 1.347
RMS 0.6947
size [# of strips]

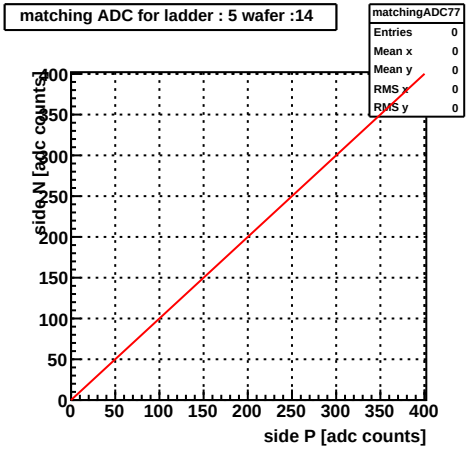

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

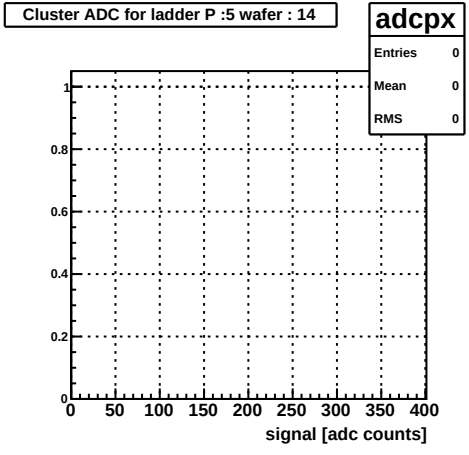

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 8
Mean 0
RMS 0
signal [adc counts]

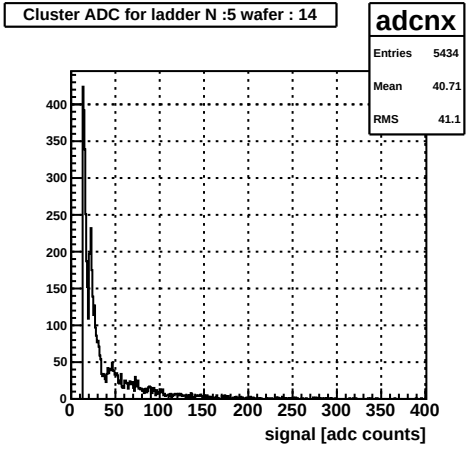

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2735
Mean 60.95
RMS 56.19
signal [adc counts]

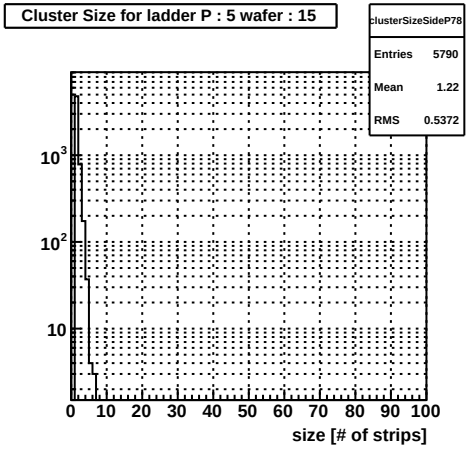

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

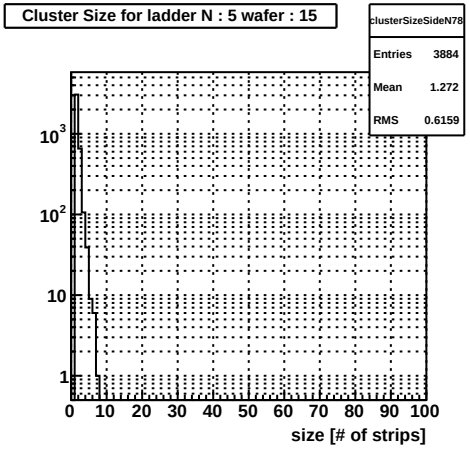

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 5434
Mean 1.429
RMS 0.8506
size [# of strips]

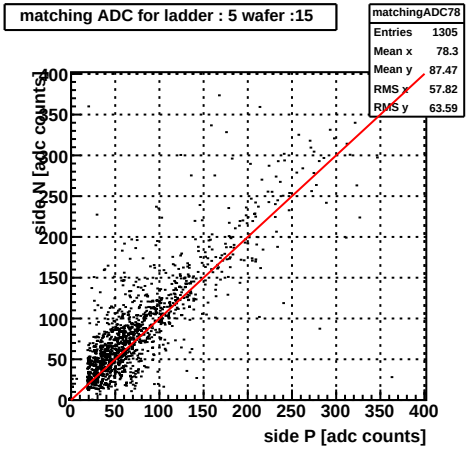

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

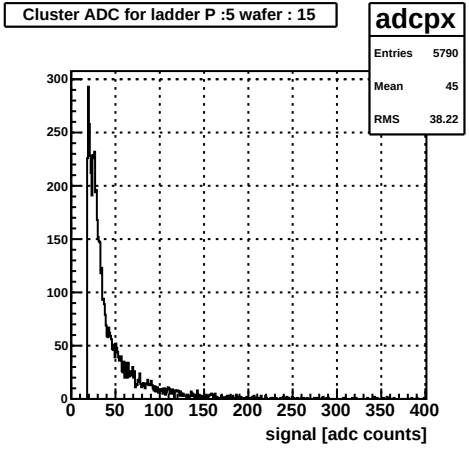

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

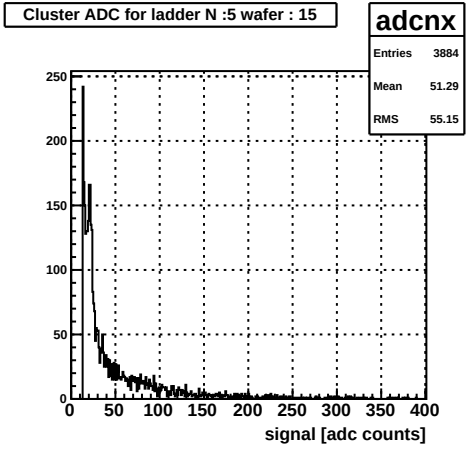

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 5434
Mean 40.71
RMS 41.1
signal [adc counts]

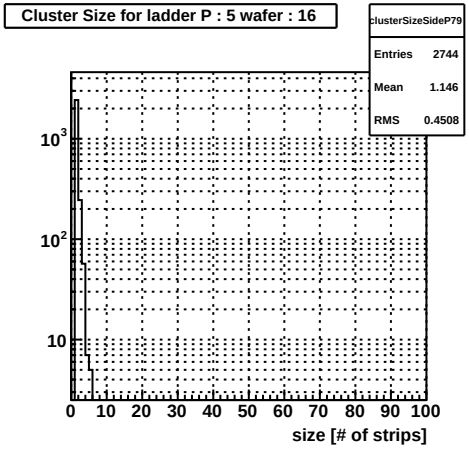

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 5790
Mean 1.22
RMS 0.5372
size [# of strips]

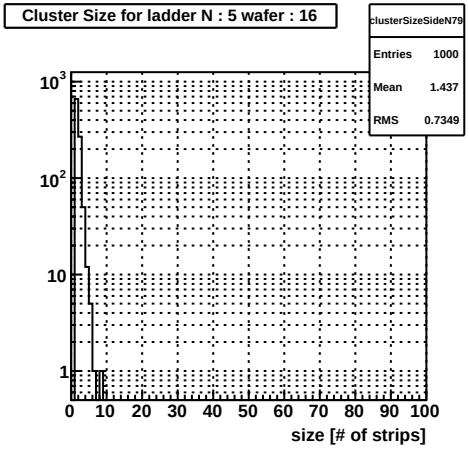

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3884
Mean 1.272
RMS 0.6159
size [# of strips]

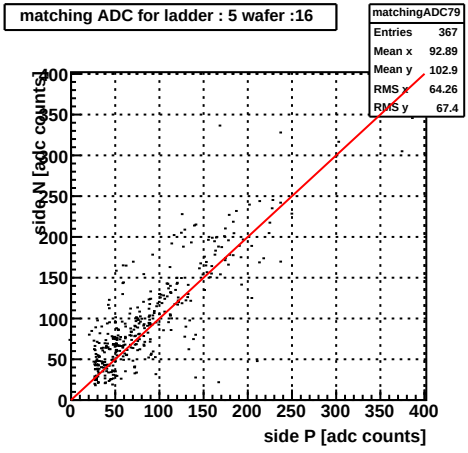

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1305
Mean x 78.3
Mean y 87.47
RMS x 57.82
RMS y 63.59
side N [adc counts]
side P [adc counts]

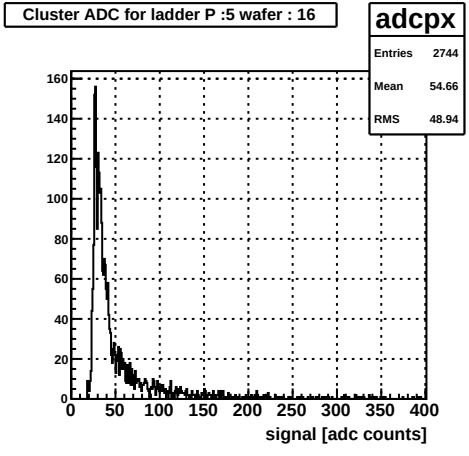

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 5790
Mean 45
RMS 38.22
signal [adc counts]

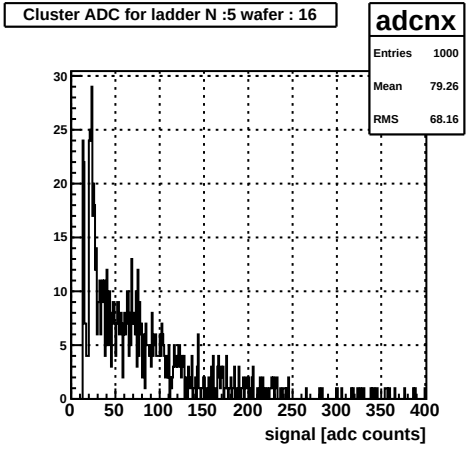

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3884
Mean 51.29
RMS 55.15
signal [adc counts]

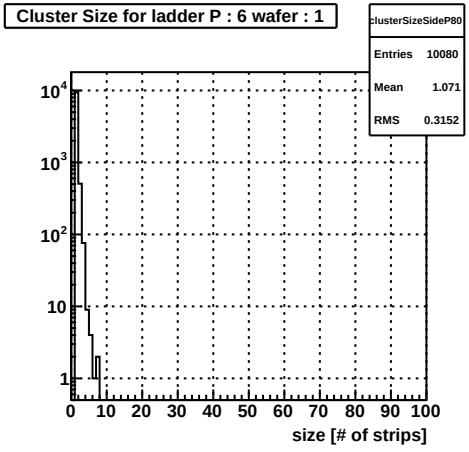

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2744
Mean 1.146
RMS 0.4508
size [# of strips]

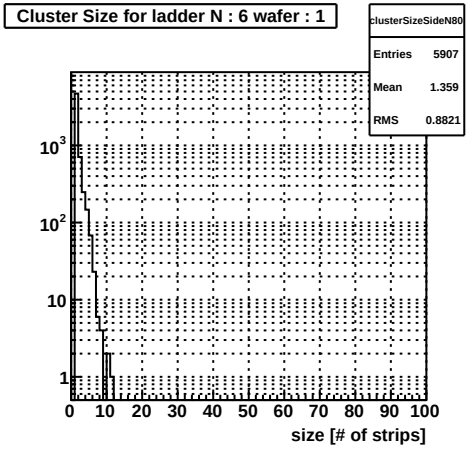

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 1000
Mean 1.437
RMS 0.7349
size [# of strips]

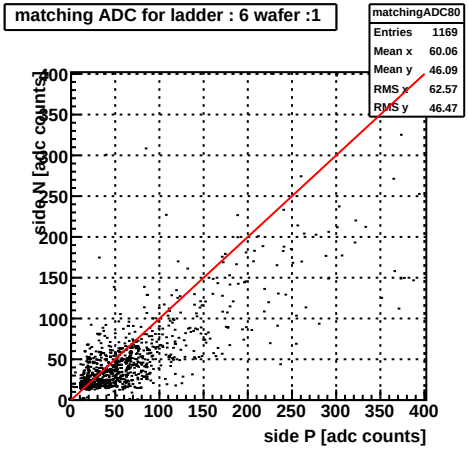

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 367
Mean x 92.89
Mean y 102.9
RMS x 64.26
RMS y 67.4
side N [adc counts]
side P [adc counts]

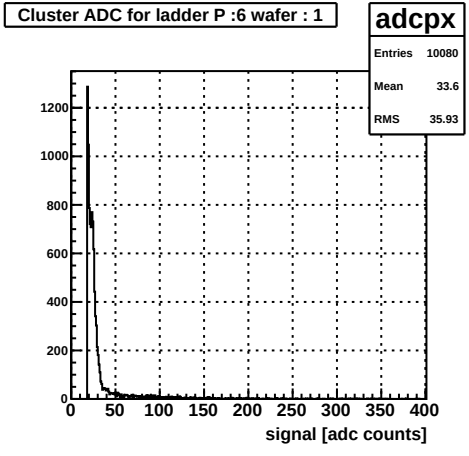

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2744
Mean 54.66
RMS 48.94
signal [adc counts]

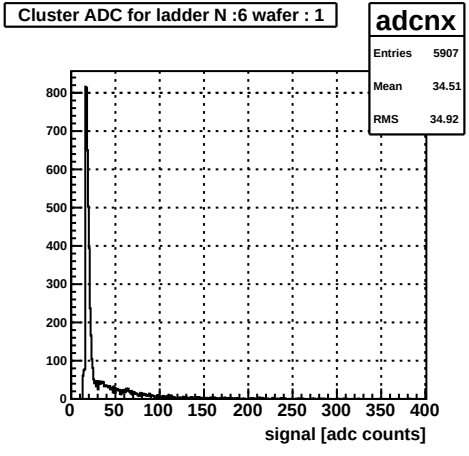

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 1000
Mean 79.26
RMS 68.16
signal [adc counts]

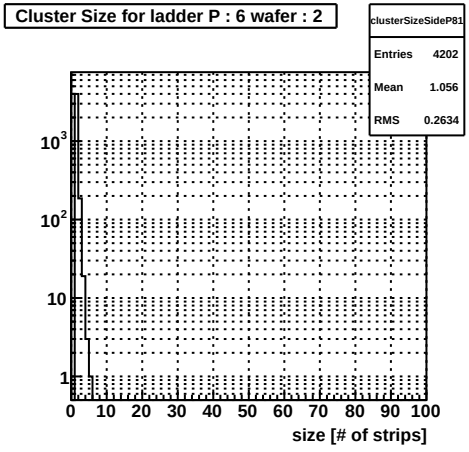

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 10080
Mean 1.071
RMS 0.3152
size [# of strips]

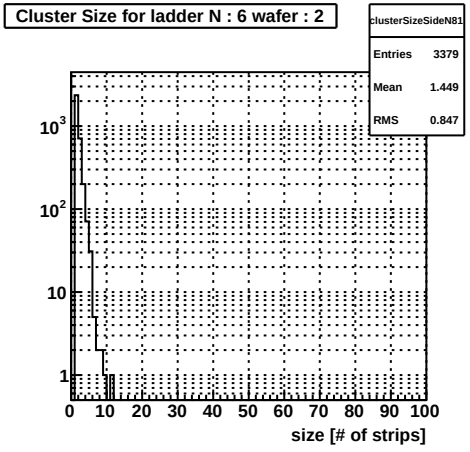

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 5907
Mean 1.359
RMS 0.8821
size [# of strips]

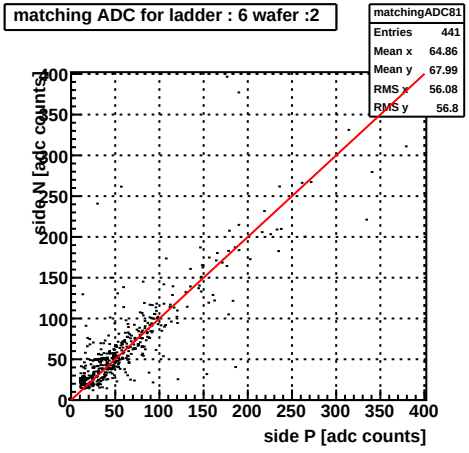

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1169
Mean x 60.06
Mean y 46.09
RMS x 62.57
RMS y 46.47
side N [adc counts]
side P [adc counts]

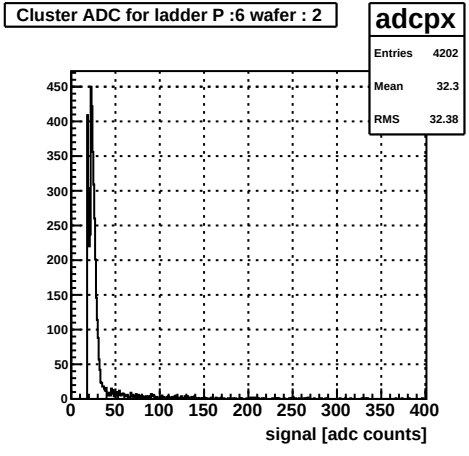

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 10080
Mean 33.6
RMS 35.93
signal [adc counts]

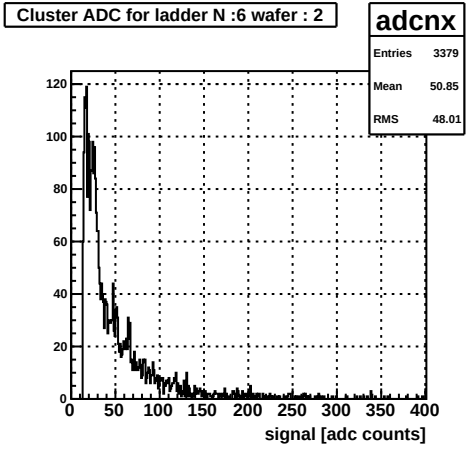

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 5907
Mean 34.51
RMS 34.92
signal [adc counts]

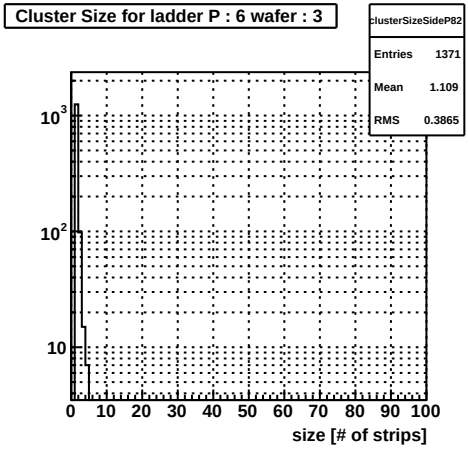

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 4202
Mean 1.056
RMS 0.2634
size [# of strips]

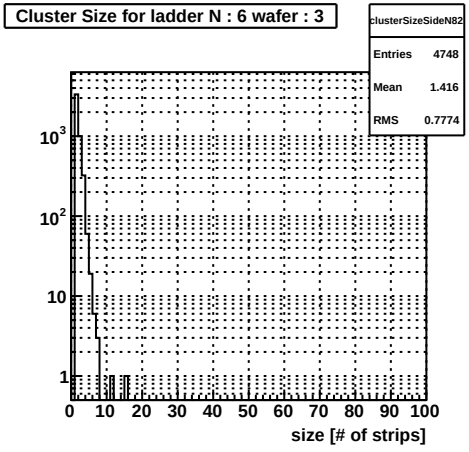

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3379
Mean 1.449
RMS 0.847
size [# of strips]

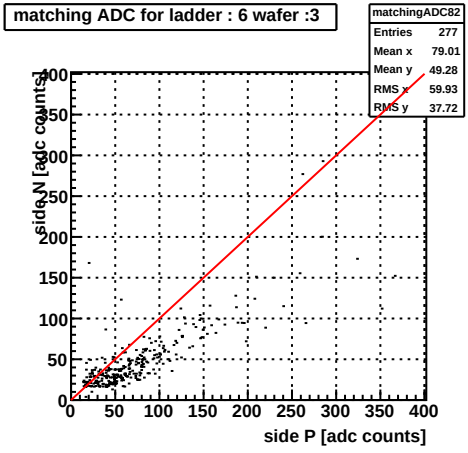

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 441
Mean x 64.86
Mean y 67.99
RMS x 56.08
RMS y 56.8
side N [adc counts]
side P [adc counts]

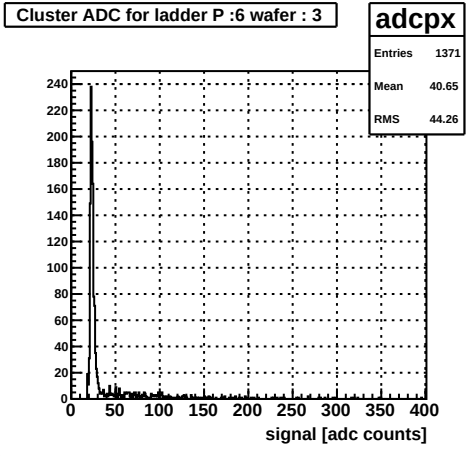

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 4202
Mean 32.3
RMS 32.38
signal [adc counts]

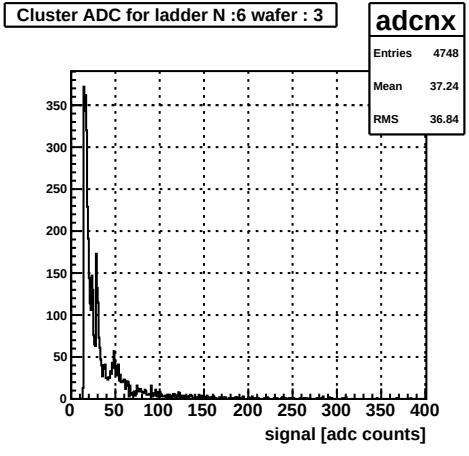

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3379
Mean 50.85
RMS 48.01
signal [adc counts]

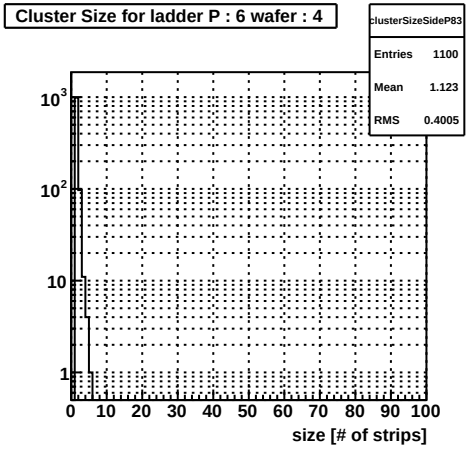

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1371
Mean 1.109
RMS 0.3865
size [# of strips]

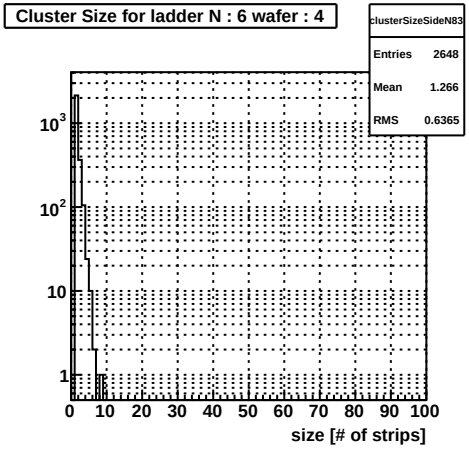

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4748
Mean 1.416
RMS 0.7774
size [# of strips]

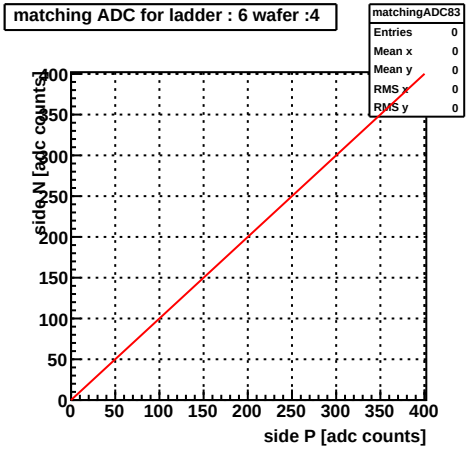

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 277
Mean x 79.01
Mean y 49.28
RMS x 59.93
RMS y 37.72
side N [adc counts]
side P [adc counts]

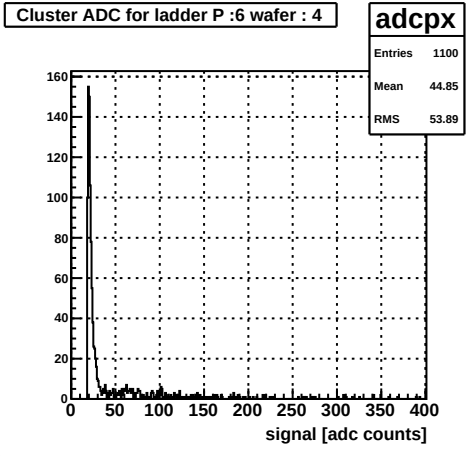

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1371
Mean 40.65
RMS 44.26
signal [adc counts]

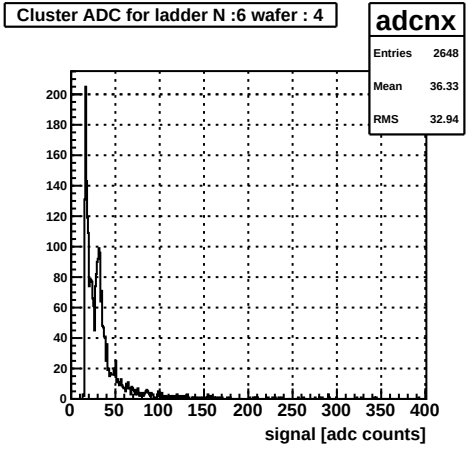

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4748
Mean 37.24
RMS 36.84
signal [adc counts]

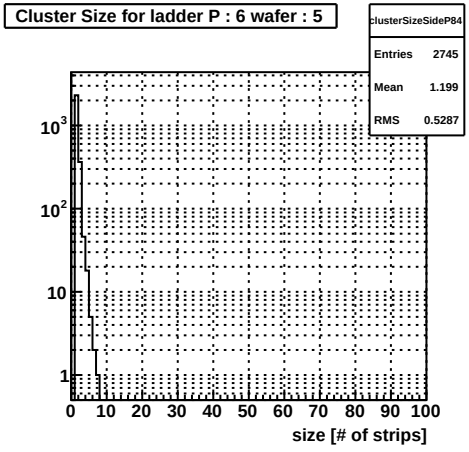

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1100
Mean 1.123
RMS 0.4005
size [# of strips]

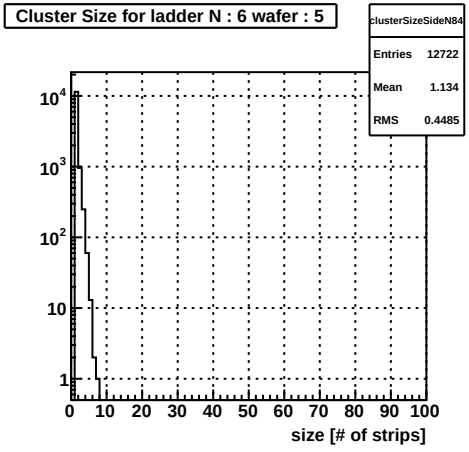

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2648
Mean 1.266
RMS 0.6365
size [# of strips]

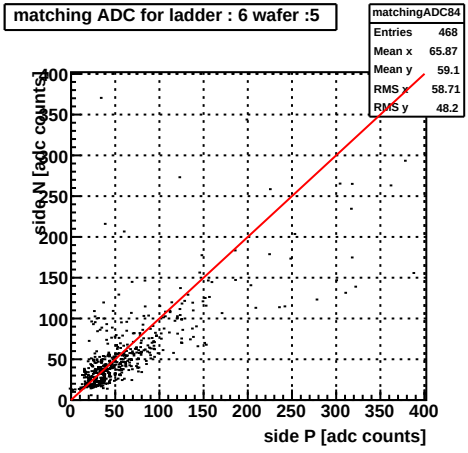

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

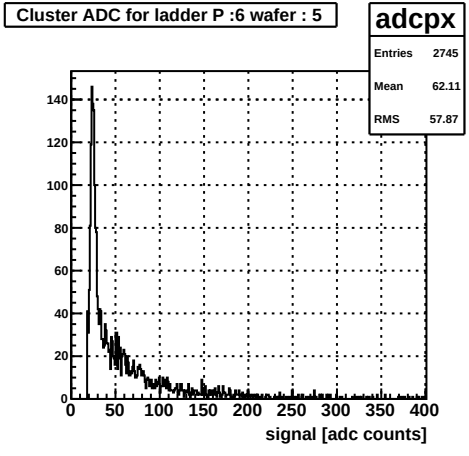

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1100
Mean 44.85
RMS 53.89
signal [adc counts]

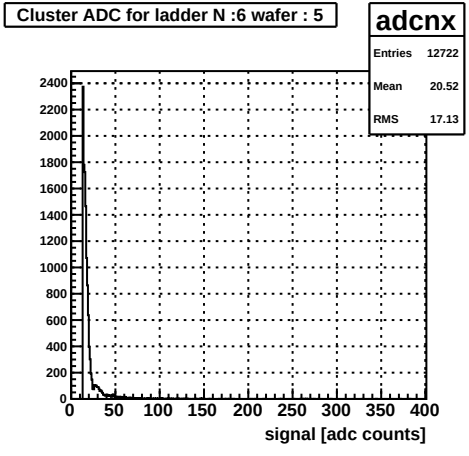

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2648
Mean 36.33
RMS 32.94
signal [adc counts]

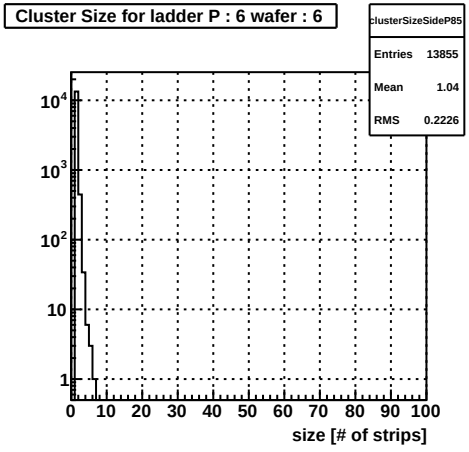

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2745
Mean 1.199
RMS 0.5287
size [# of strips]

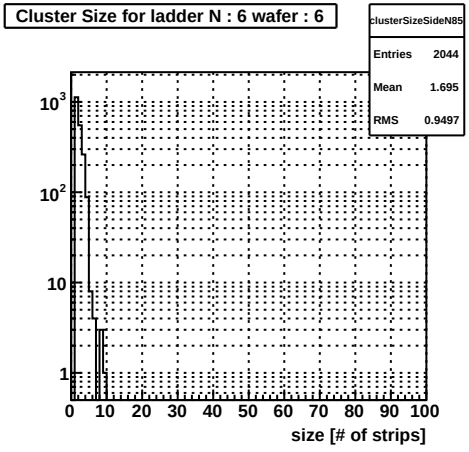

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 12722
Mean 1.134
RMS 0.4485
size [# of strips]

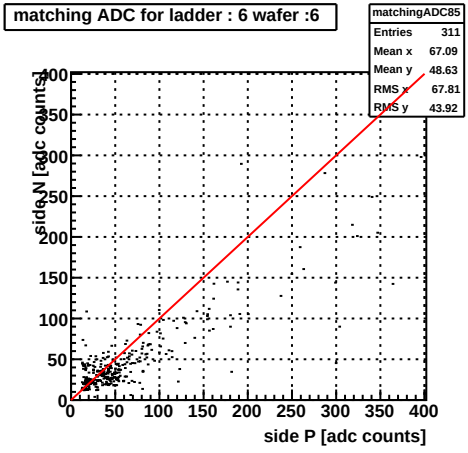

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 468
Mean x 65.87
Mean y 59.1
RMS x 58.71
RMS y 48.2
side N [adc counts]
side P [adc counts]

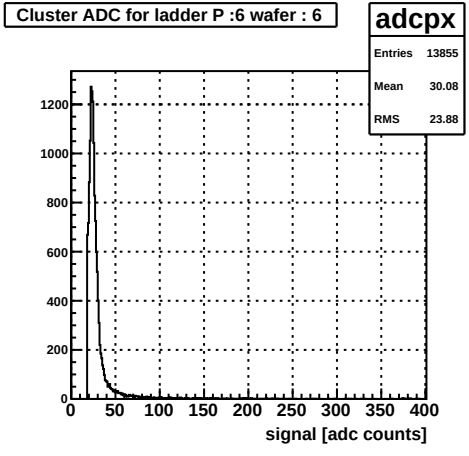

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2745
Mean 62.11
RMS 57.87
signal [adc counts]

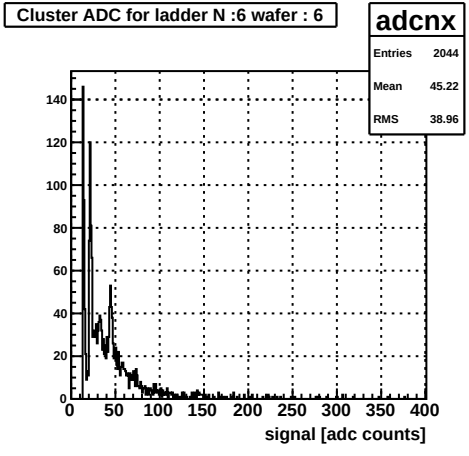

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 12722
Mean 20.52
RMS 17.13
signal [adc counts]

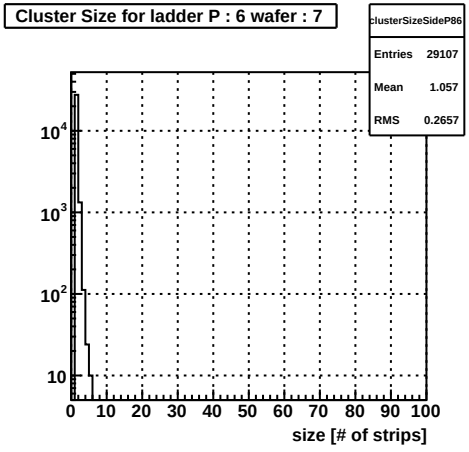

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 13855
Mean 1.04
RMS 0.2226
size [# of strips]

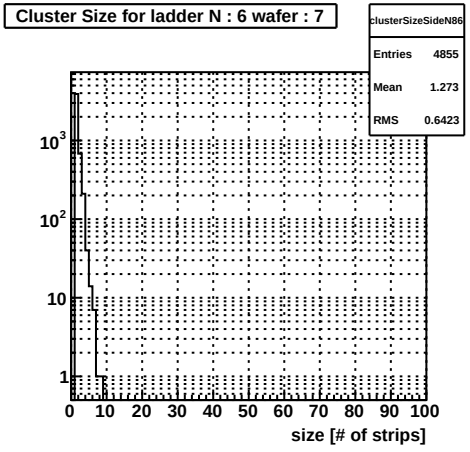

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2044
Mean 1.695
RMS 0.9497
size [# of strips]

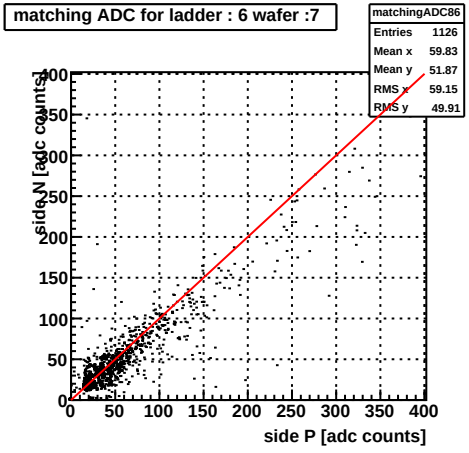

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 311
Mean x 67.09
Mean y 48.63
RMS x 67.81
RMS y 43.92
side N [adc counts]
side P [adc counts]

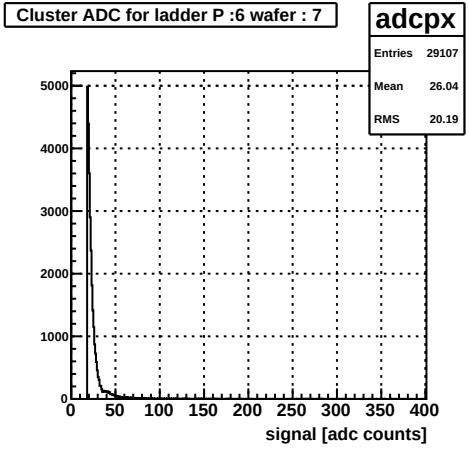

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 13855
Mean 30.08
RMS 23.88
signal [adc counts]

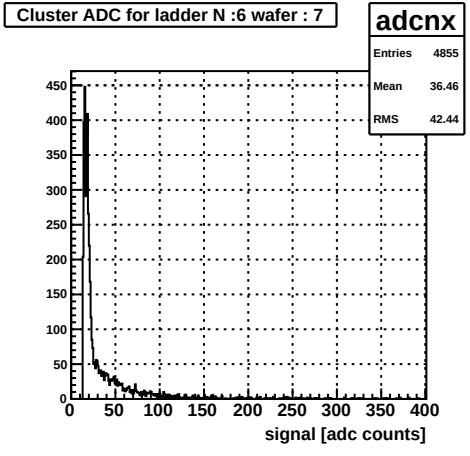

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2044
Mean 45.22
RMS 38.96
signal [adc counts]

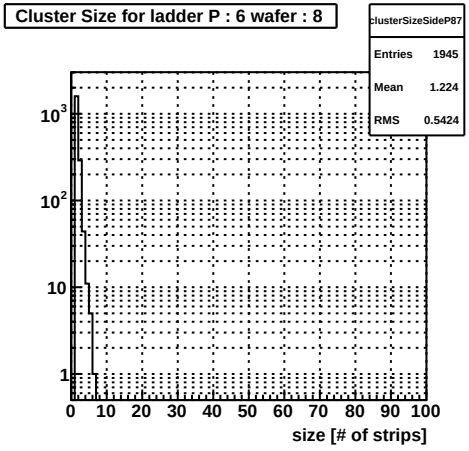

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 29107
Mean 1.057
RMS 0.2657
size [# of strips]

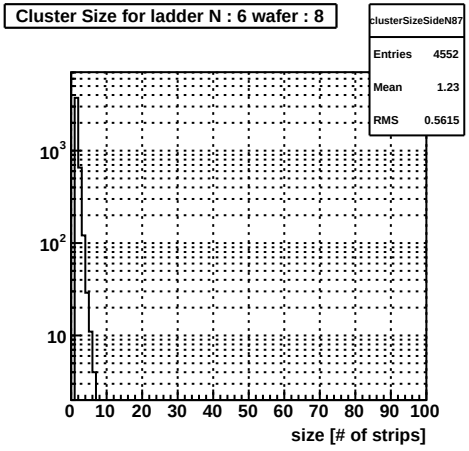

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 4855
Mean 1.273
RMS 0.6423
size [# of strips]

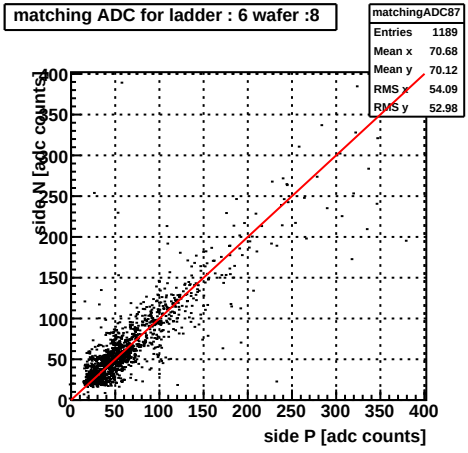

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 1126
Mean x 59.83
Mean y 51.87
RMS x 59.15
RMS y 49.91
side N [adc counts]
side P [adc counts]

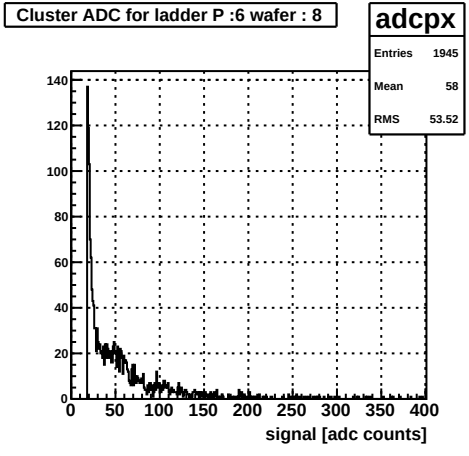

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 29107
Mean 26.04
RMS 20.19
signal [adc counts]

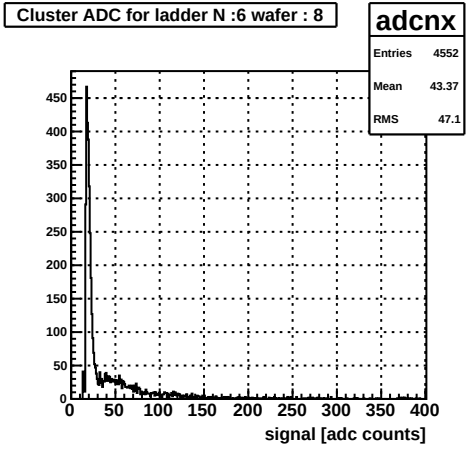

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 4855
Mean 36.46
RMS 42.44
signal [adc counts]

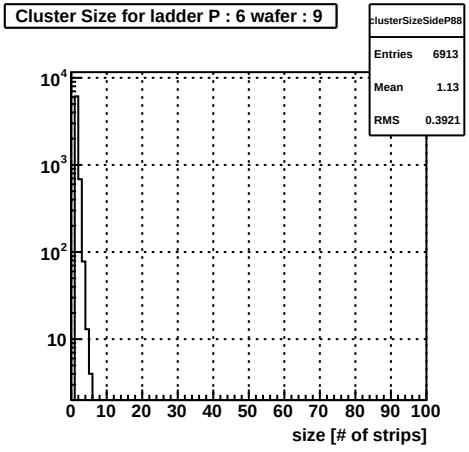

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1945
Mean 1.224
RMS 0.5424
size [# of strips]

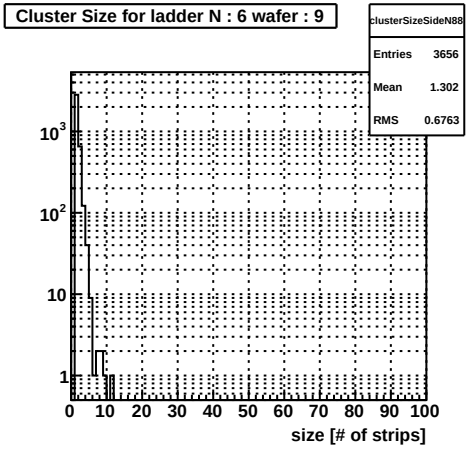

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 4552
Mean 1.23
RMS 0.5615
size [# of strips]

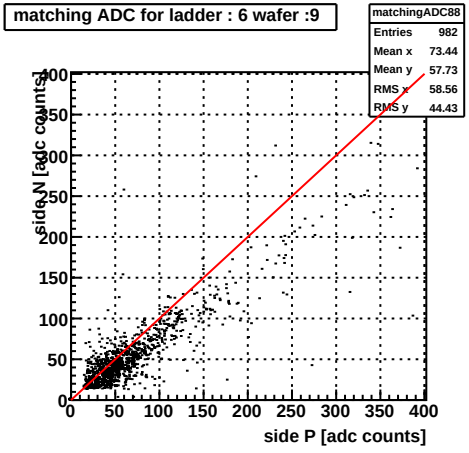

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1189
Mean x 70.68
Mean y 70.12
RMS x 54.09
RMS y 52.98
side N [adc counts]
side P [adc counts]

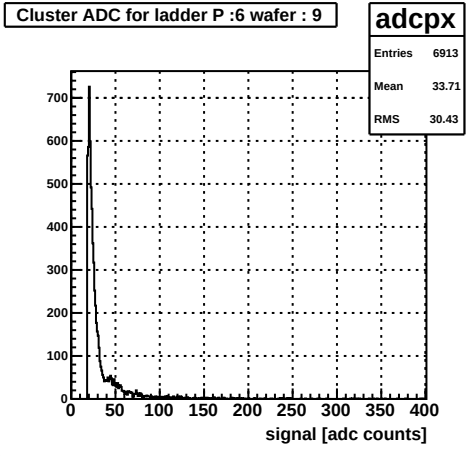

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1945
Mean 58
RMS 53.52
signal [adc counts]

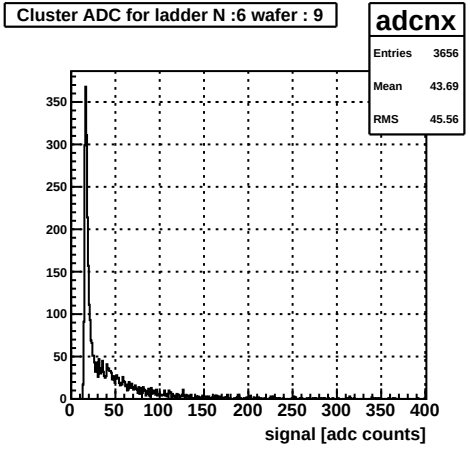

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 4552
Mean 43.37
RMS 47.1
signal [adc counts]

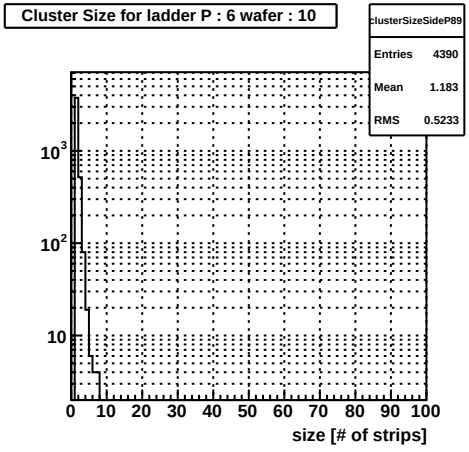

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 6913
Mean 1.13
RMS 0.3921
size [# of strips]

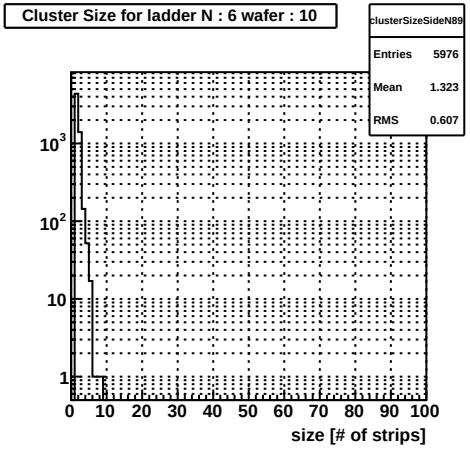

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3656
Mean 1.302
RMS 0.6763
size [# of strips]

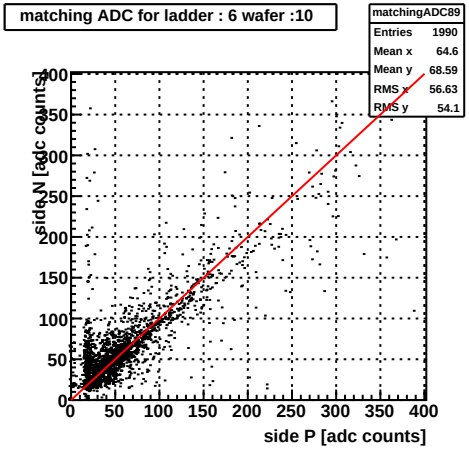

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 982
Mean x 73.44
Mean y 57.73
RMS x 58.56
RMS y 44.43
side N [adc counts]
side P [adc counts]

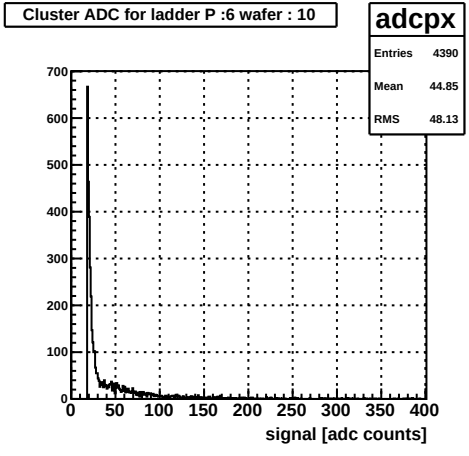

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 6913
Mean 33.71
RMS 30.43
signal [adc counts]

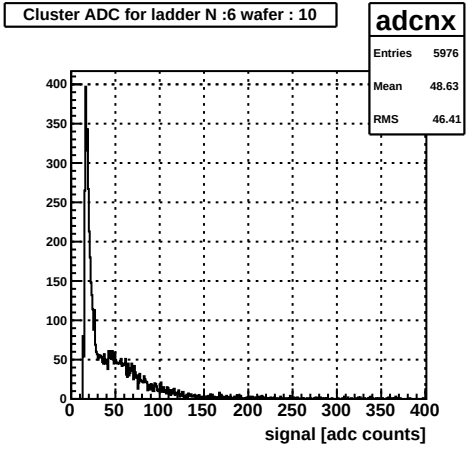

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3656
Mean 43.69
RMS 45.56
signal [adc counts]

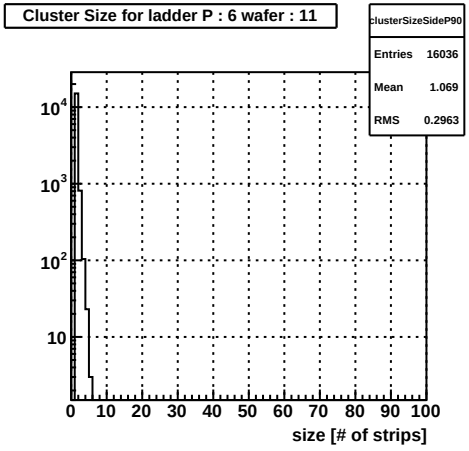

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4390
Mean 1.183
RMS 0.5233
size [# of strips]

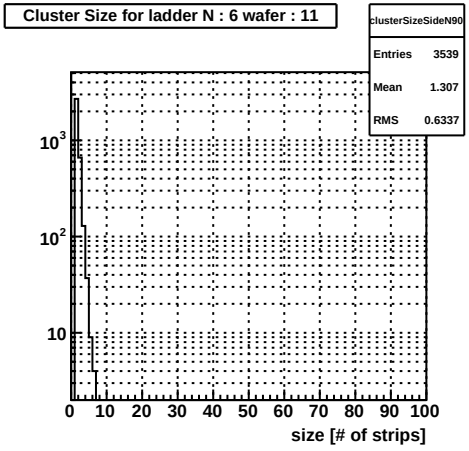

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5976
Mean 1.323
RMS 0.607
size [# of strips]

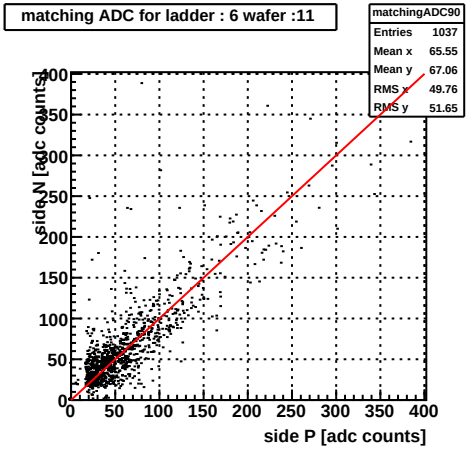

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1990
Mean x 64.6
Mean y 68.59
RMS x 56.63
RMS y 54.1
side N [adc counts]
side P [adc counts]

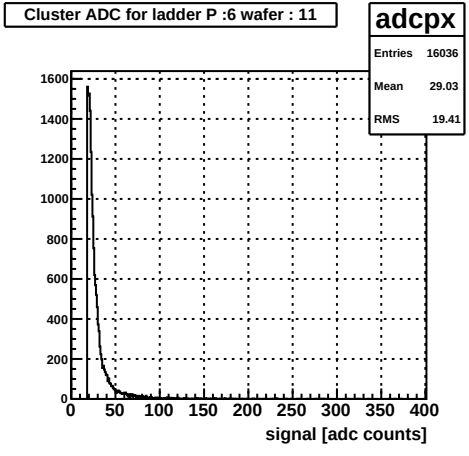

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4390
Mean 44.85
RMS 48.13
signal [adc counts]

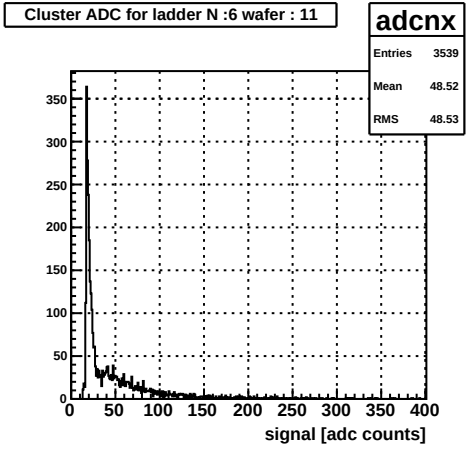

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5976
Mean 48.63
RMS 46.41
signal [adc counts]

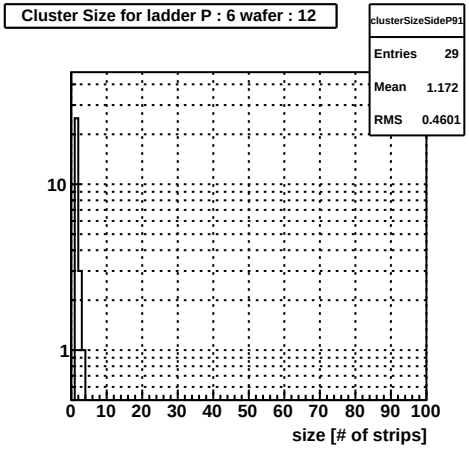

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 16036
Mean 1.069
RMS 0.2963
size [# of strips]

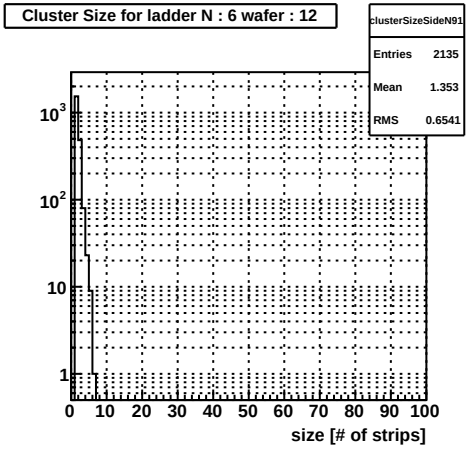

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3539
Mean 1.307
RMS 0.6337
size [# of strips]

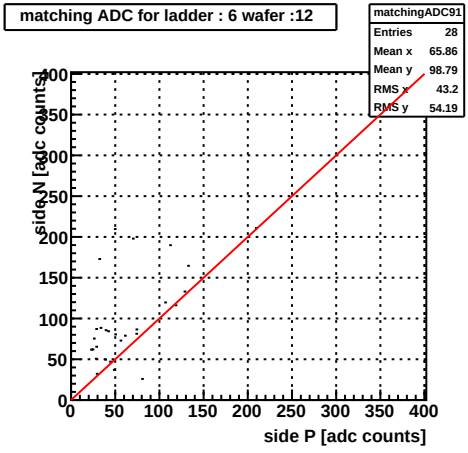

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1037
Mean x 65.55
Mean y 67.06
RMS x 49.76
RMS y 51.65
side N [adc counts]
side P [adc counts]

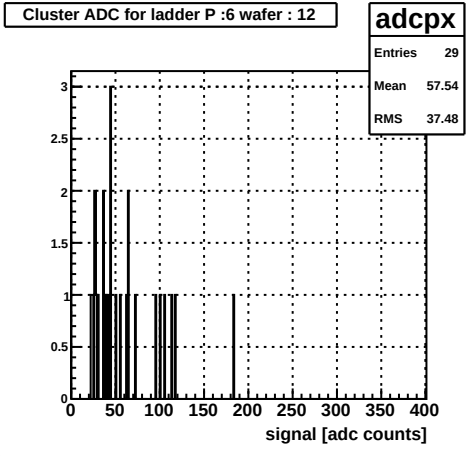

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 16036
Mean 29.03
RMS 19.41
signal [adc counts]

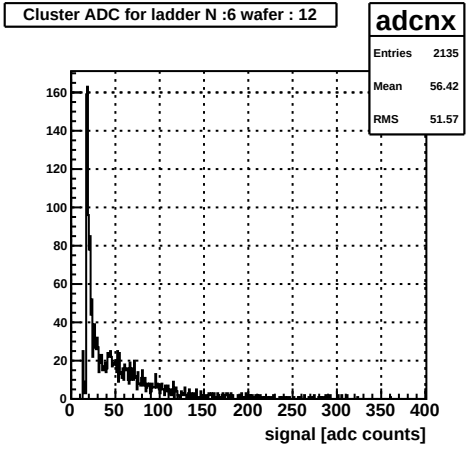

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3539
Mean 48.52
RMS 48.53
signal [adc counts]

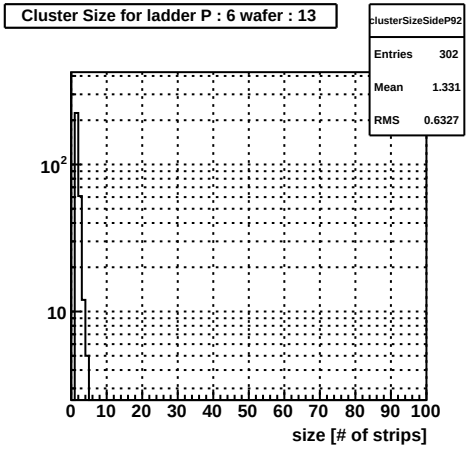

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 29
Mean 1.172
RMS 0.4601
size [# of strips]

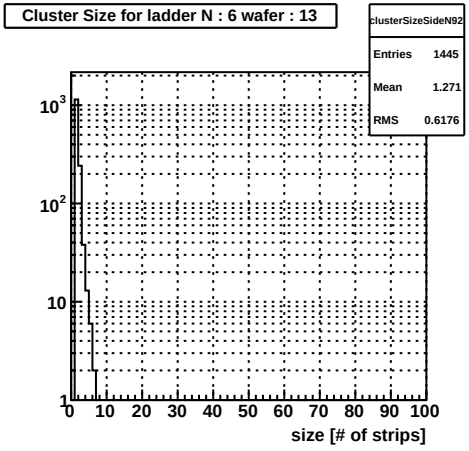

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2135
Mean 1.353
RMS 0.6541
size [# of strips]

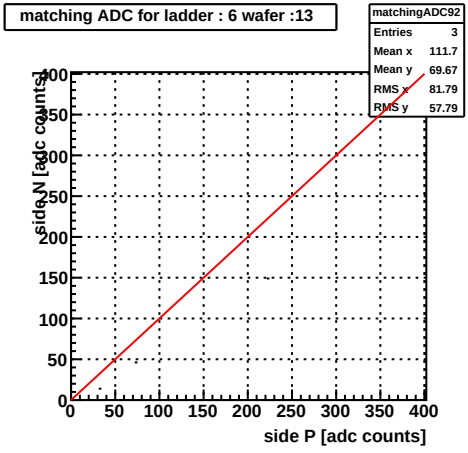

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 28
Mean x 65.86
Mean y 98.79
RMS x 43.2
RMS y 54.19
side N [adc counts]
side P [adc counts]

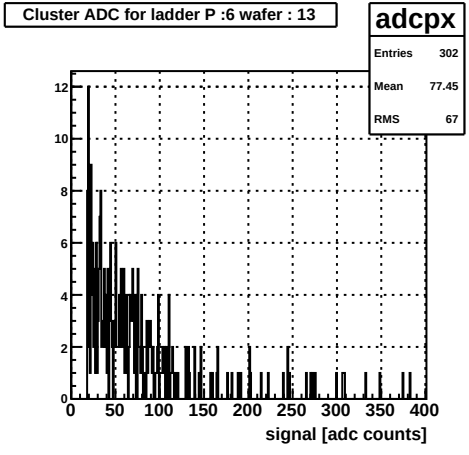

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 29
Mean 57.54
RMS 37.48
signal [adc counts]

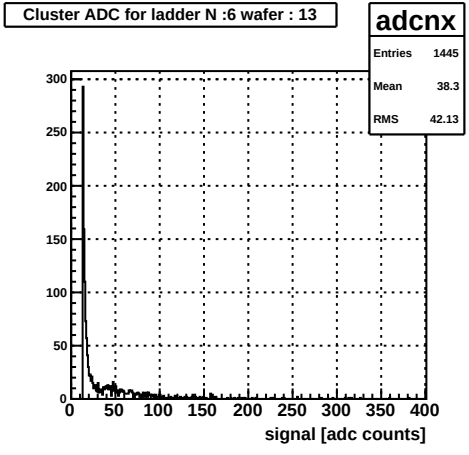

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2135
Mean 56.42
RMS 51.57
signal [adc counts]

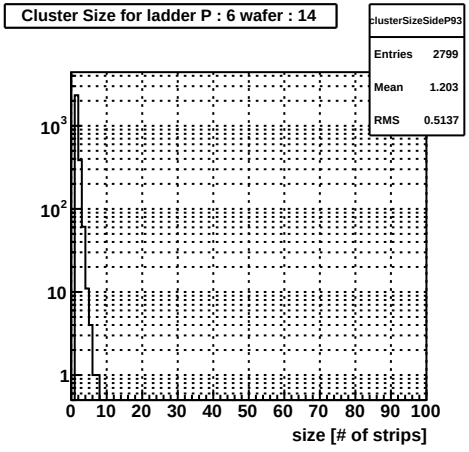

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 302
Mean 1.331
RMS 0.6327
size [# of strips]

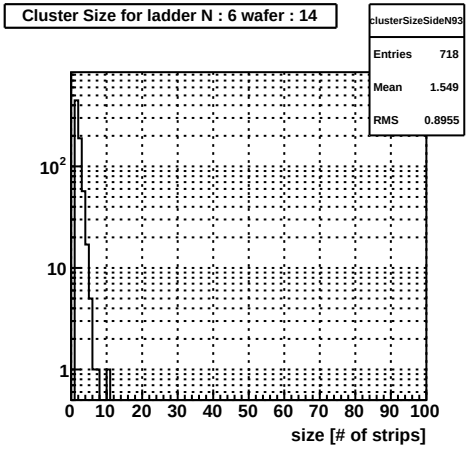

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1445
Mean 1.271
RMS 0.6176
size [# of strips]

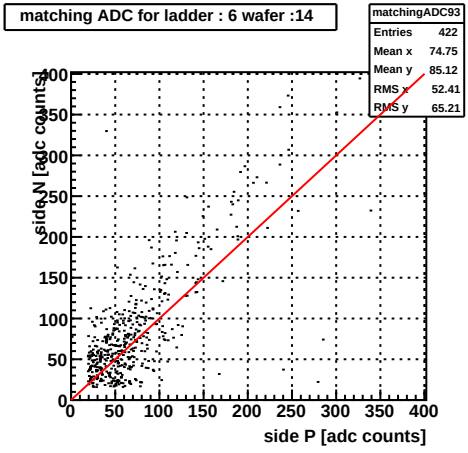

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 3
Mean x 111.7
Mean y 69.67
RMS x 81.79
RMS y 57.79
side N [adc counts]
side P [adc counts]

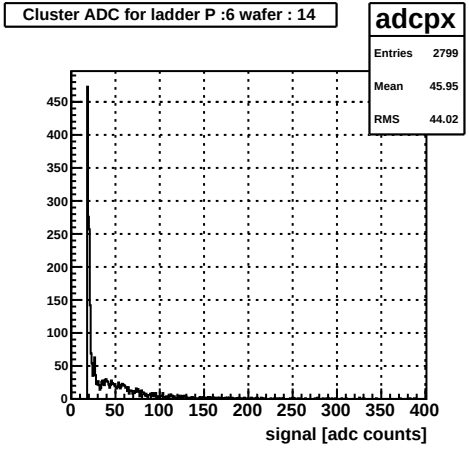

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 302
Mean 77.45
RMS 67
signal [adc counts]

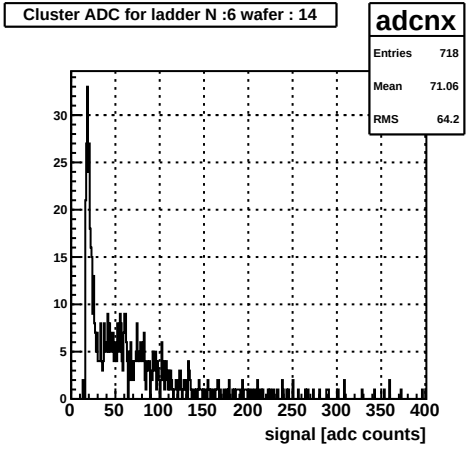

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1445
Mean 38.3
RMS 42.13
signal [adc counts]

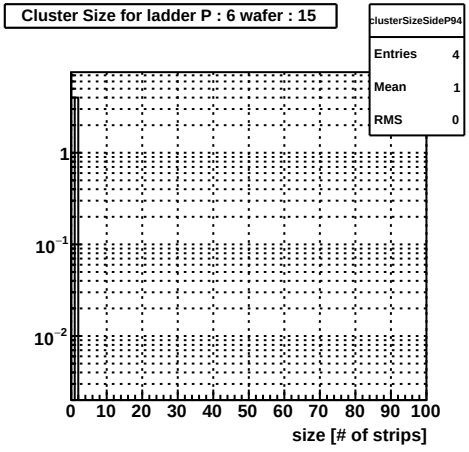

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2799
Mean 1.203
RMS 0.5137
size [# of strips]

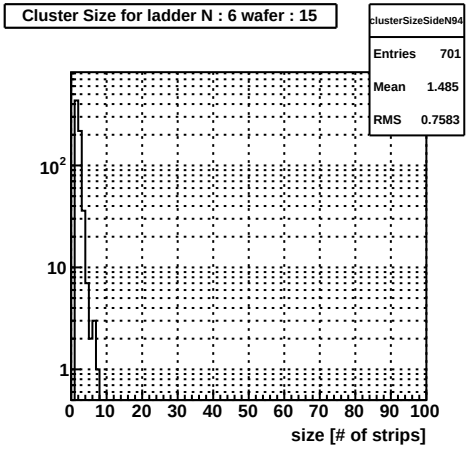

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 718
Mean 1.549
RMS 0.8955
size [# of strips]

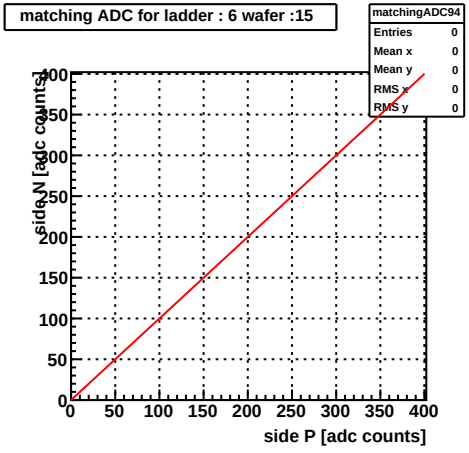

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 422
Mean x 74.75
Mean y 85.12
RMS x 52.41
RMS y 65.21
side N [adc counts]
side P [adc counts]

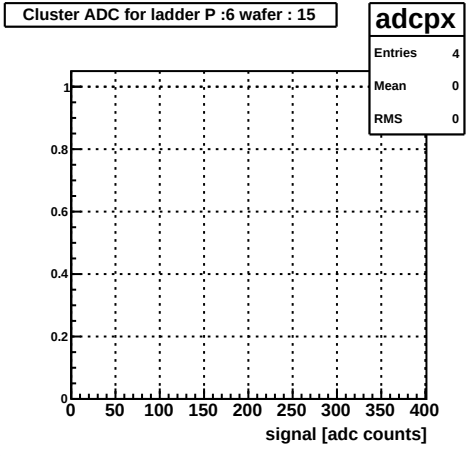

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2799
Mean 45.95
RMS 44.02
signal [adc counts]

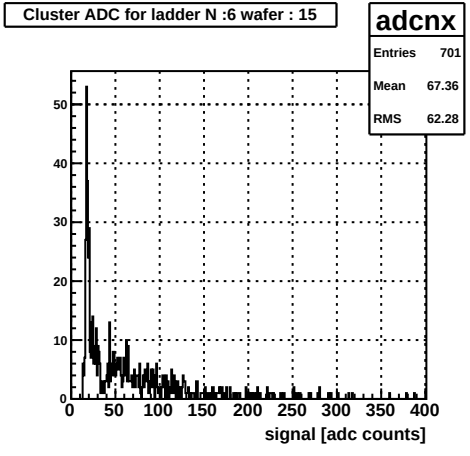

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 718
Mean 71.06
RMS 64.2
signal [adc counts]

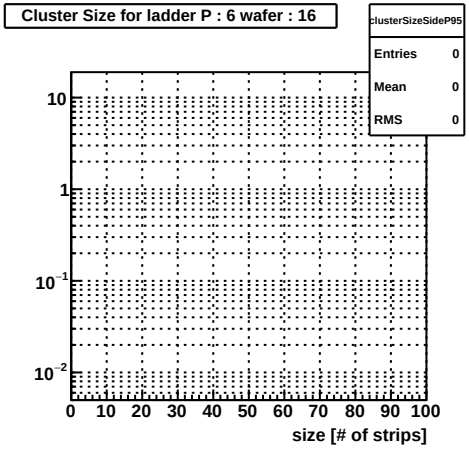

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 4
Mean 1
RMS 0
size [# of strips]

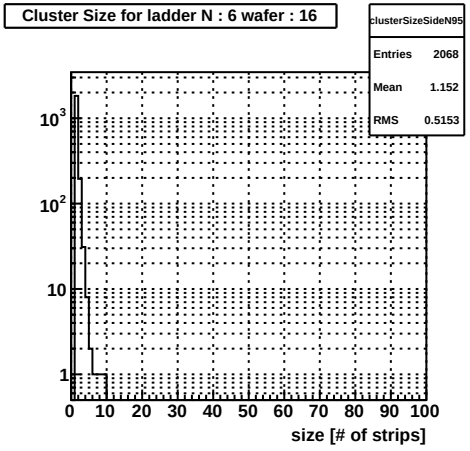

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 701
Mean 1.485
RMS 0.7583
size [# of strips]

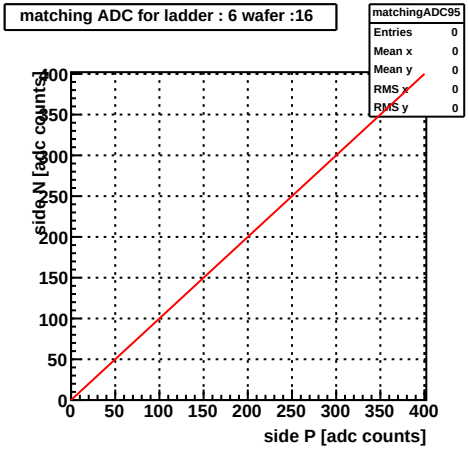

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

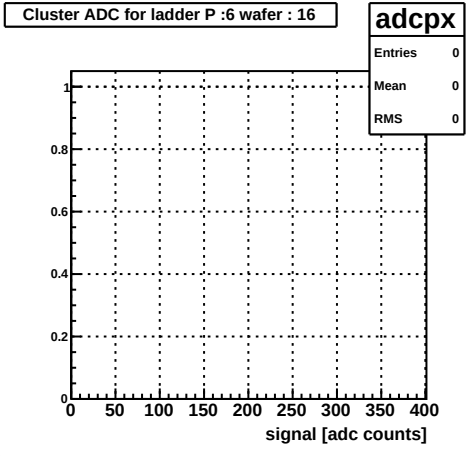

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

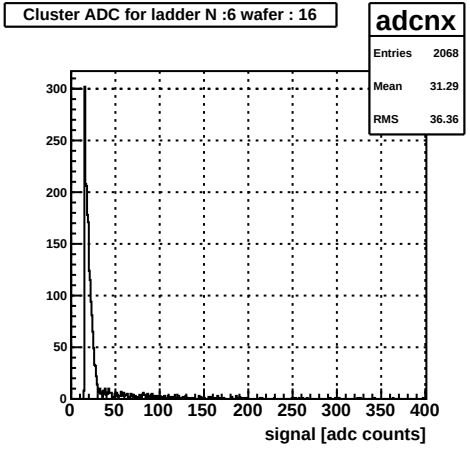

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 701
Mean 67.36
RMS 62.28
signal [adc counts]

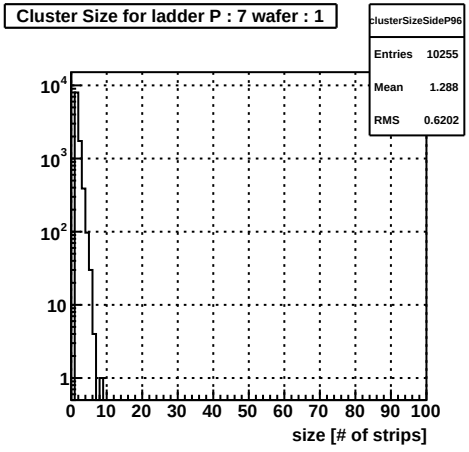

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

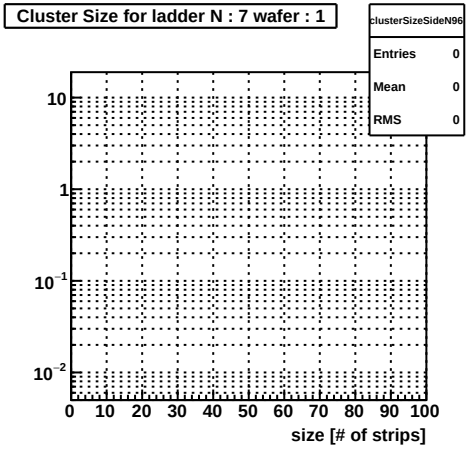

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 2068
Mean 1.152
RMS 0.5153
size [# of strips]

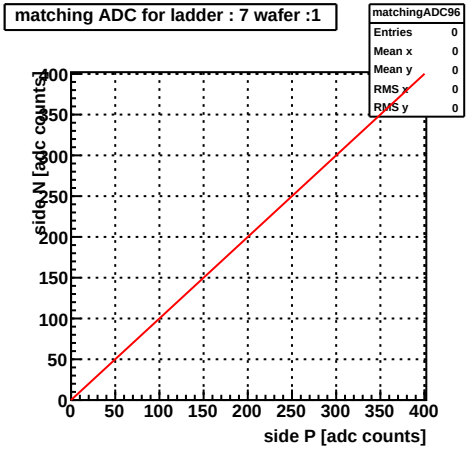

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

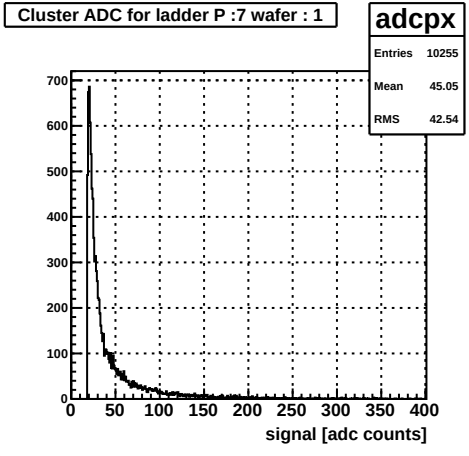

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

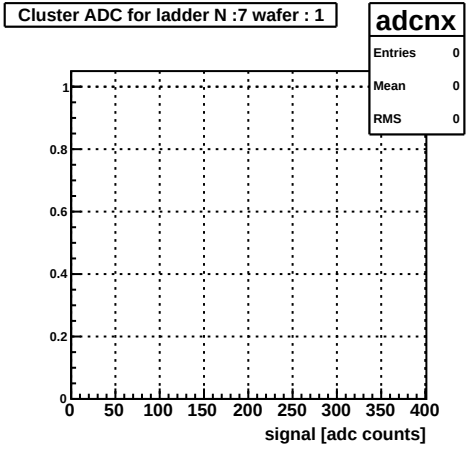

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 2068
Mean 31.29
RMS 36.36
signal [adc counts]

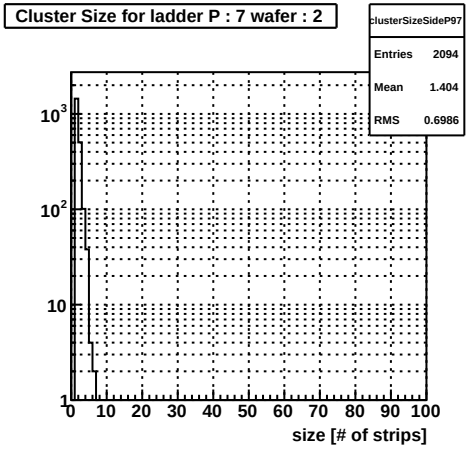

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 10255
Mean 1.288
RMS 0.6202
size [# of strips]

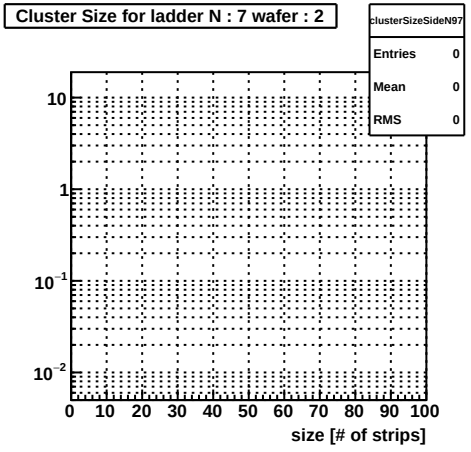

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

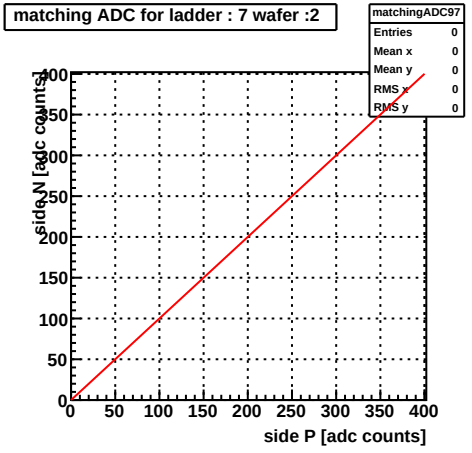

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

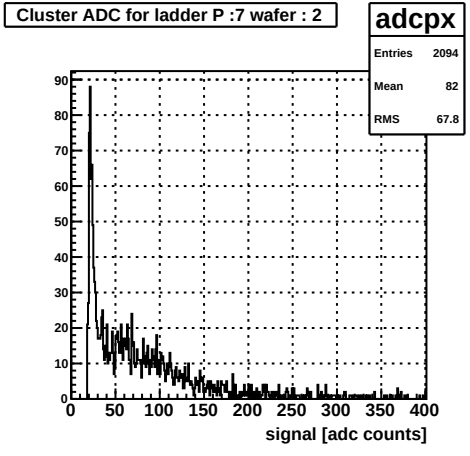

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 10255
Mean 45.05
RMS 42.54
signal [adc counts]

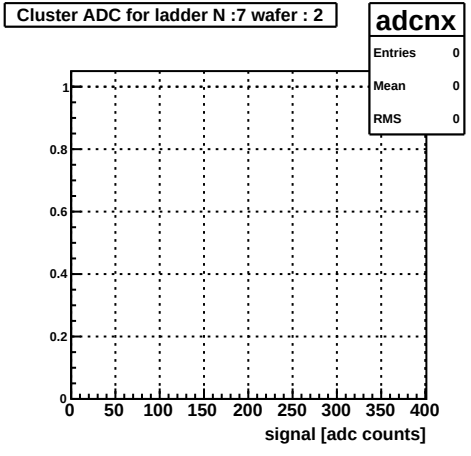

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

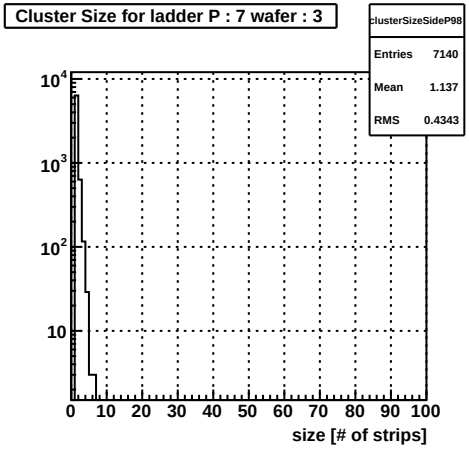

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2094
Mean 1.404
RMS 0.6986
size [# of strips]

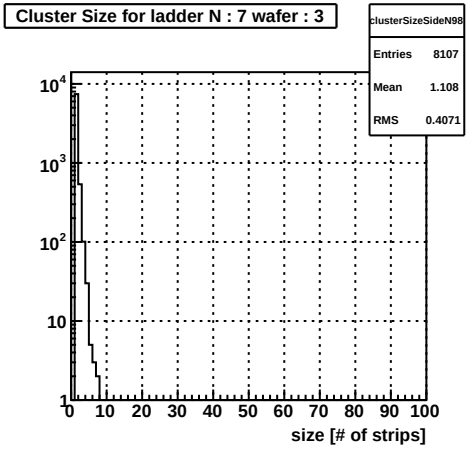

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

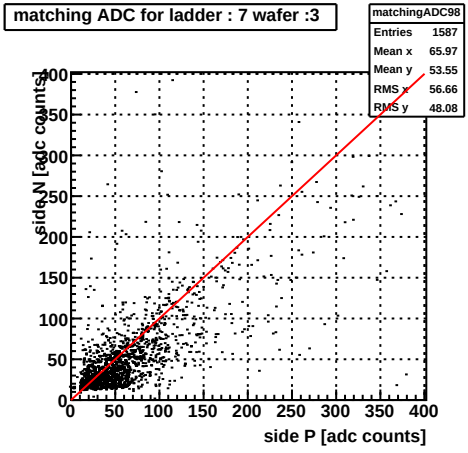

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

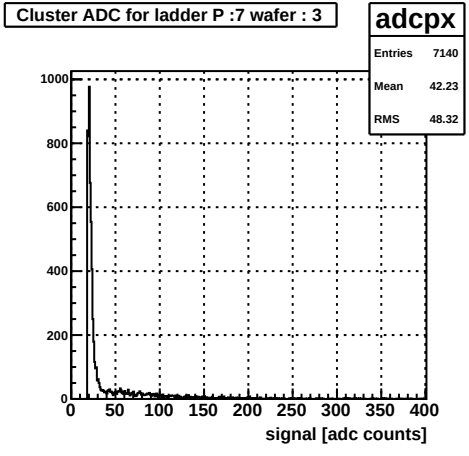

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2094
Mean 82
RMS 67.8
signal [adc counts]

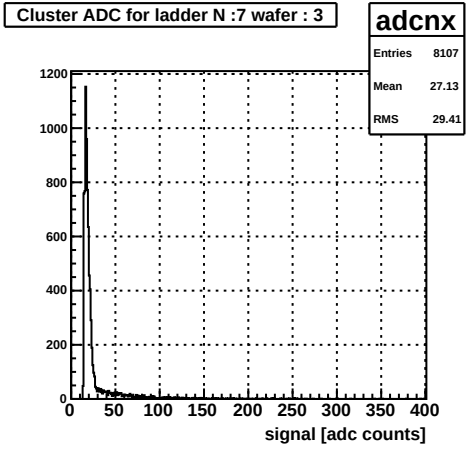

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

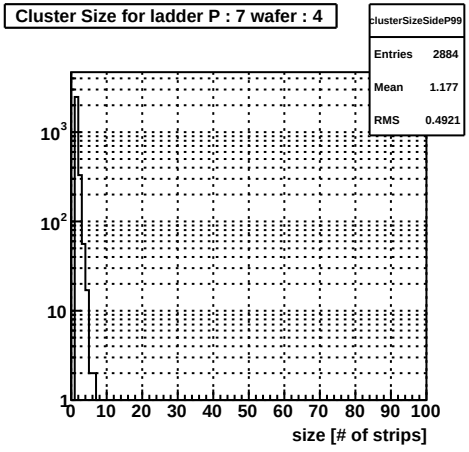

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 7140
Mean 1.137
RMS 0.4343
size [# of strips]

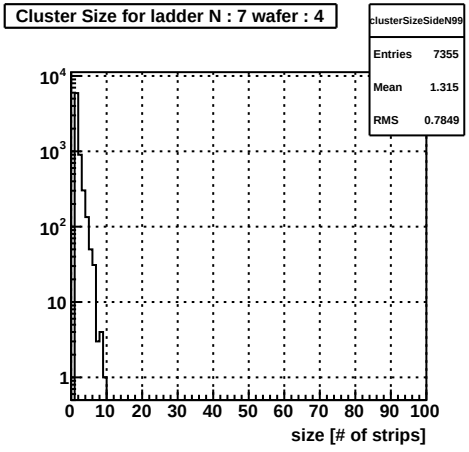

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 8107
Mean 1.108
RMS 0.4071
size [# of strips]

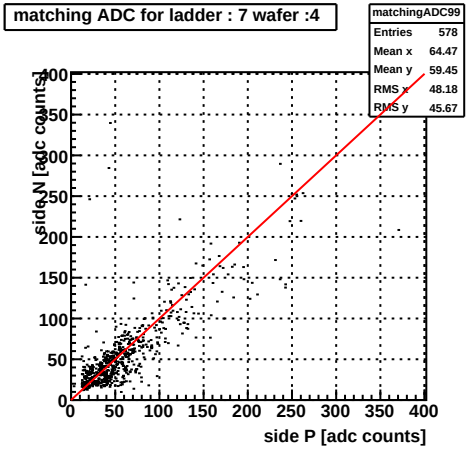

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1587
Mean x 65.97
Mean y 53.55
RMS x 56.66
RMS y 48.08
side N [adc counts]
side P [adc counts]

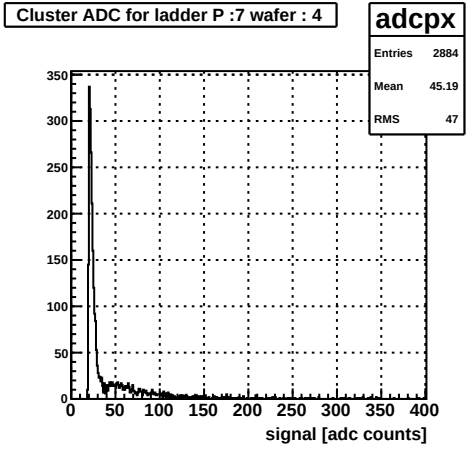

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 7140
Mean 42.23
RMS 48.32
signal [adc counts]

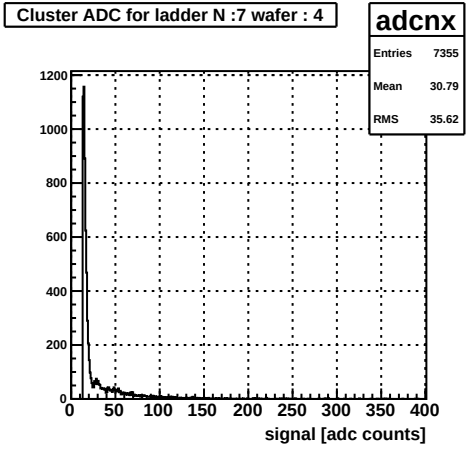

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 8107
Mean 27.13
RMS 29.41
signal [adc counts]

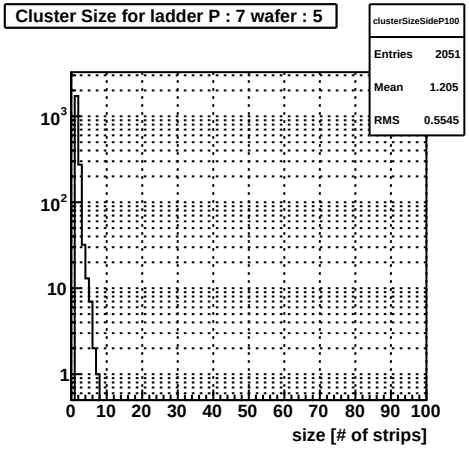

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2884
Mean 1.177
RMS 0.4921
size [# of strips]

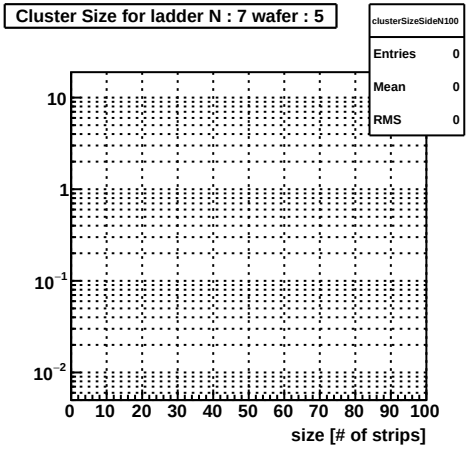

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 7355
Mean 1.315
RMS 0.7849
size [# of strips]

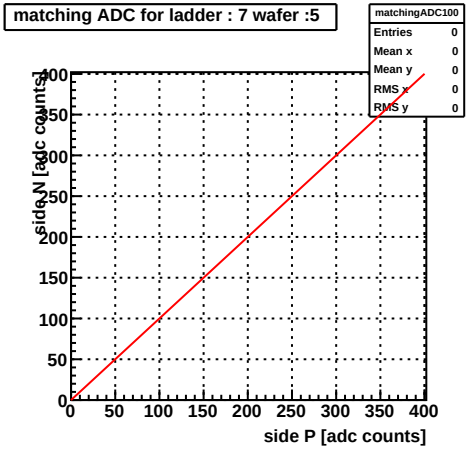

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 578
Mean x 64.47
Mean y 59.45
RMS x 48.18
RMS y 45.67
side N [adc counts]
side P [adc counts]

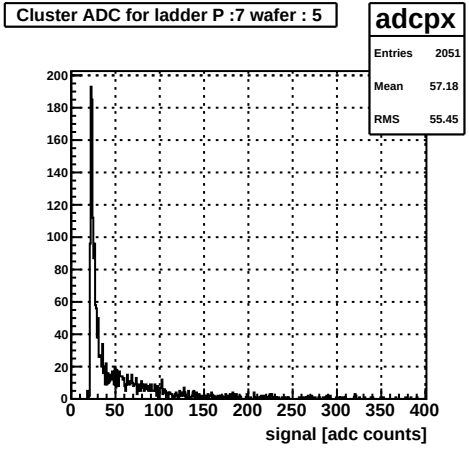

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2884
Mean 45.19
RMS 47
signal [adc counts]

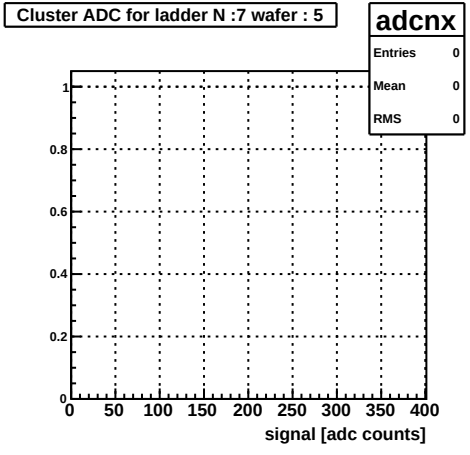

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 7355
Mean 30.79
RMS 35.62
signal [adc counts]

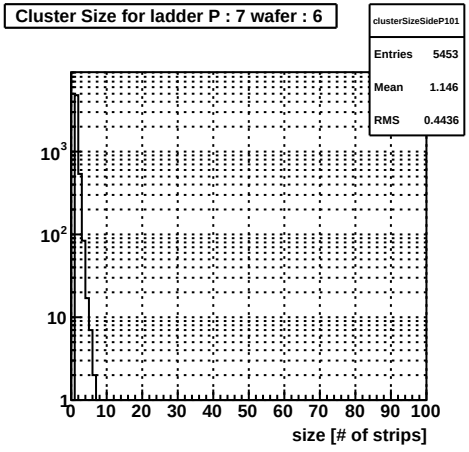

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 2051
Mean 1.205
RMS 0.5545
size [# of strips]

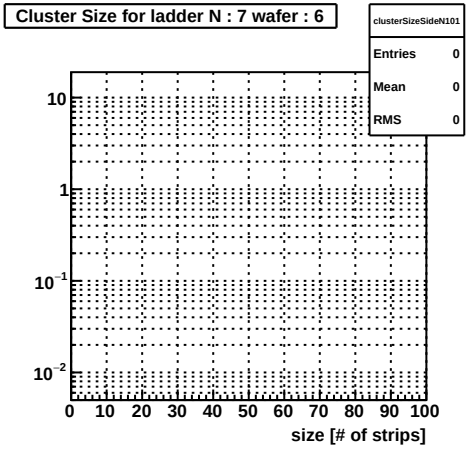

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

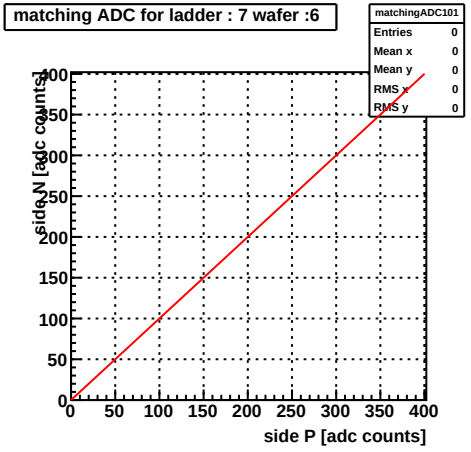

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

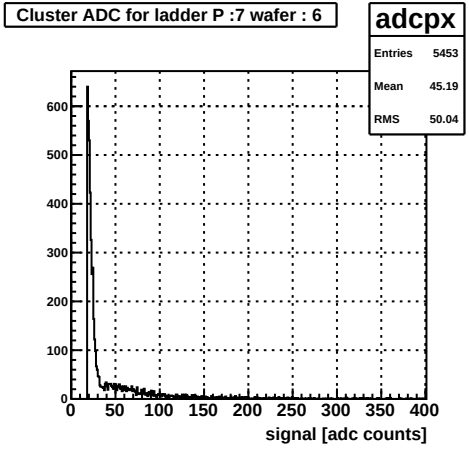

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 2051
Mean 57.18
RMS 55.45
signal [adc counts]

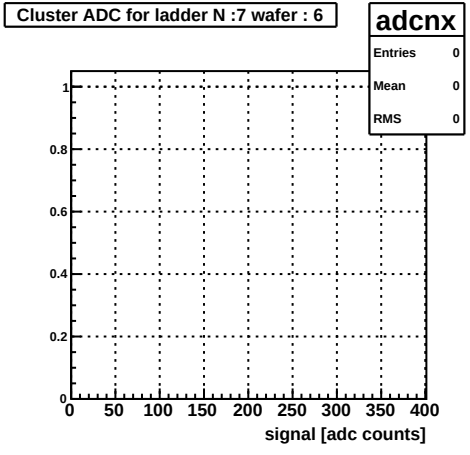

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

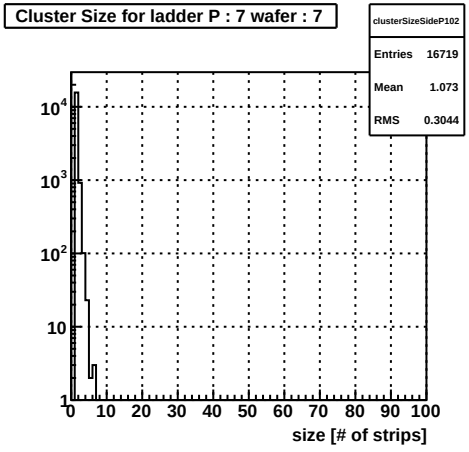

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 5453
Mean 1.146
RMS 0.4436
size [# of strips]

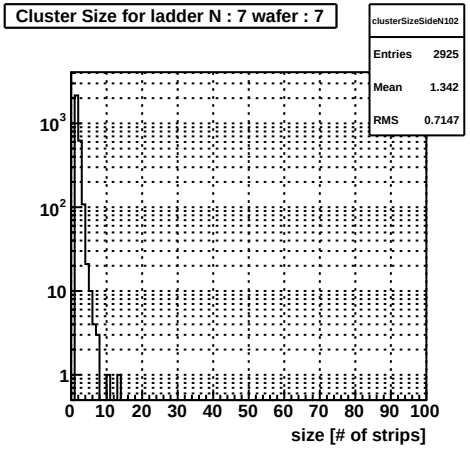

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

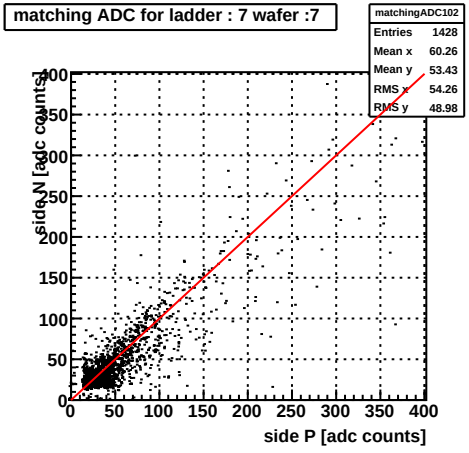

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

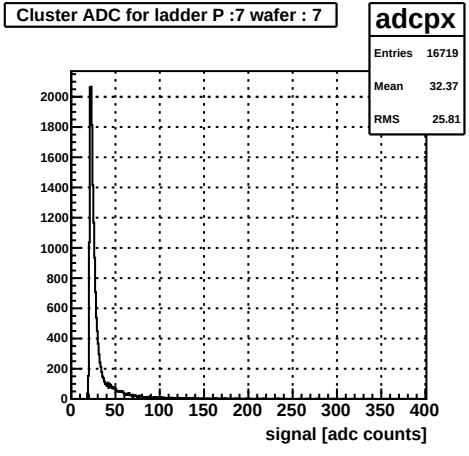

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 5453
Mean 45.19
RMS 50.04
signal [adc counts]

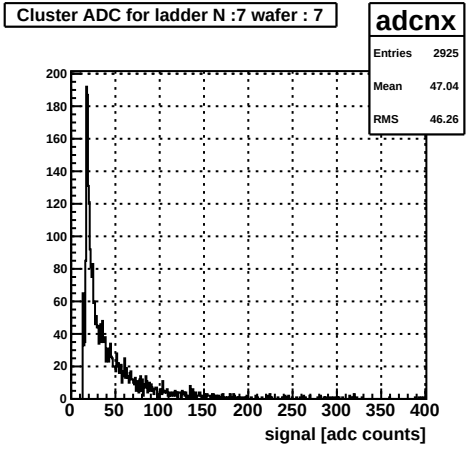

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

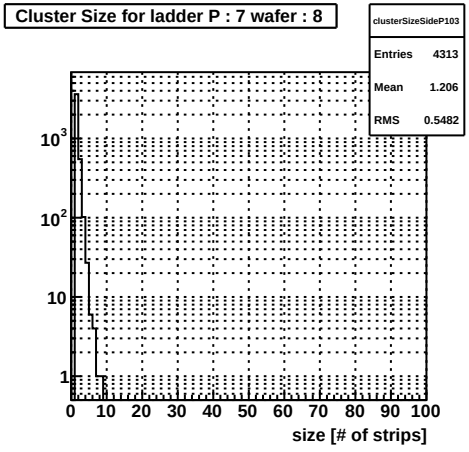

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 16719
Mean 1.073
RMS 0.3044
size [# of strips]

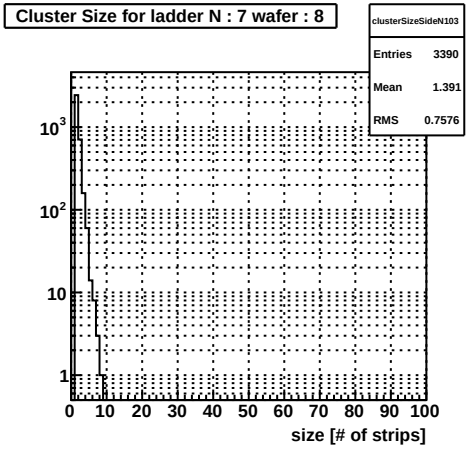

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2925
Mean 1.342
RMS 0.7147
size [# of strips]

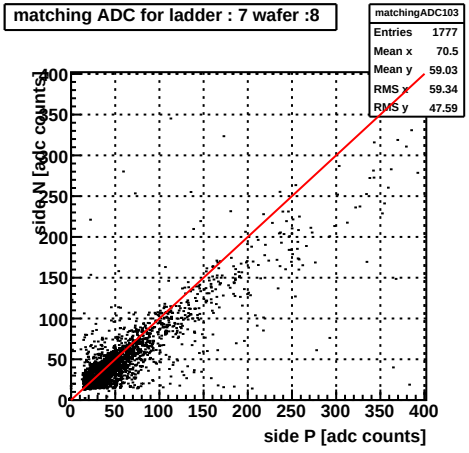

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1428
Mean x 60.26
Mean y 53.43
RMS x 54.26
RMS y 48.98
side N [adc counts]
side P [adc counts]

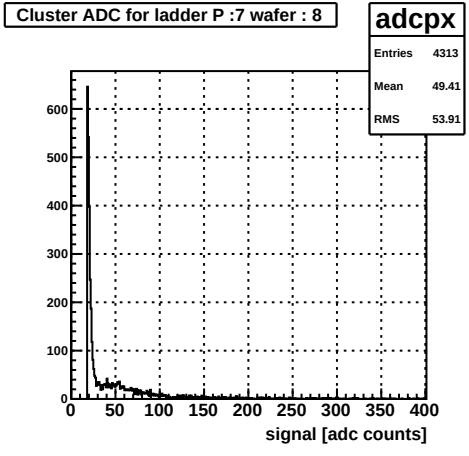

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 16719
Mean 32.37
RMS 25.81
signal [adc counts]

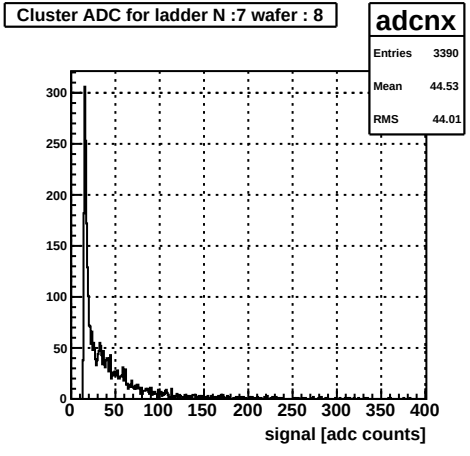

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2925
Mean 47.04
RMS 46.26
signal [adc counts]

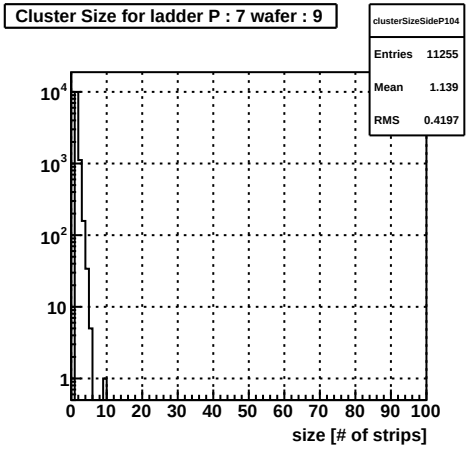

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 4313
Mean 1.206
RMS 0.5482
size [# of strips]

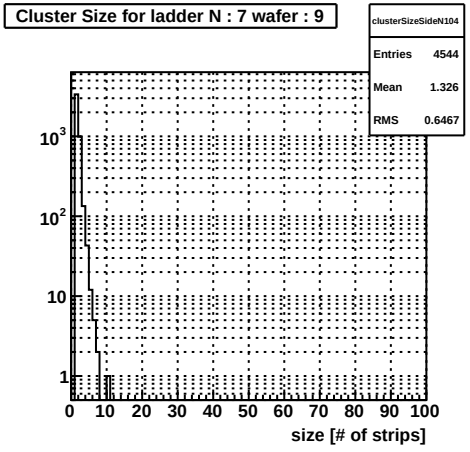

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 3390
Mean 1.391
RMS 0.7576
size [# of strips]

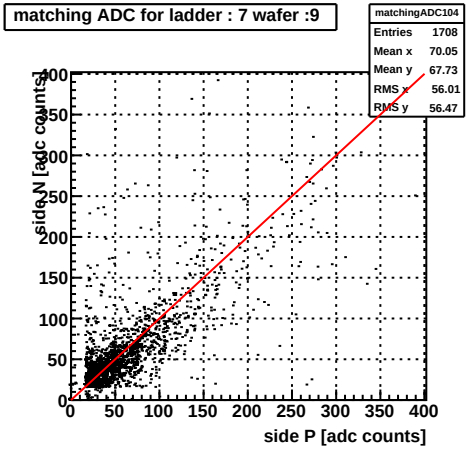

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1777
Mean x 70.5
Mean y 59.03
RMS x 59.34
RMS y 47.59
side N [adc counts]
side P [adc counts]

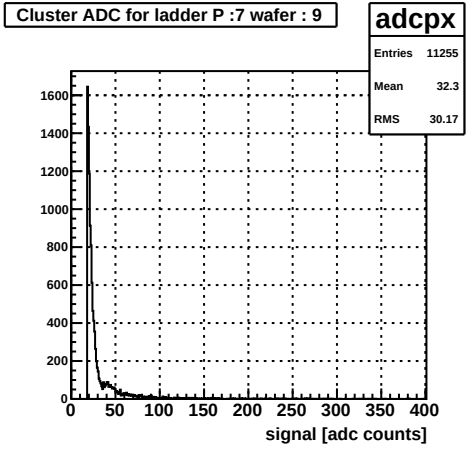

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 4313
Mean 49.41
RMS 53.91
signal [adc counts]

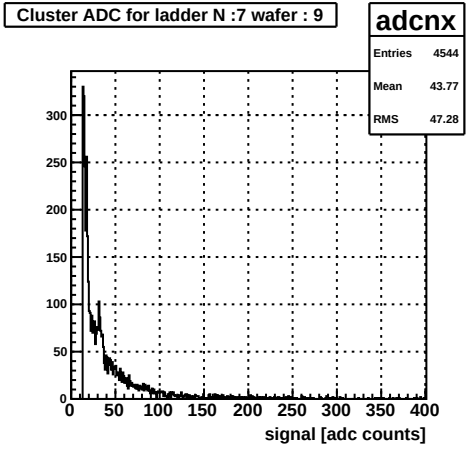

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 3390
Mean 44.53
RMS 44.01
signal [adc counts]

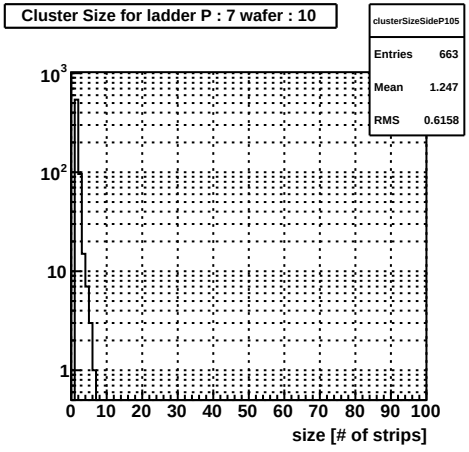

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 11255
Mean 1.139
RMS 0.4197
size [# of strips]

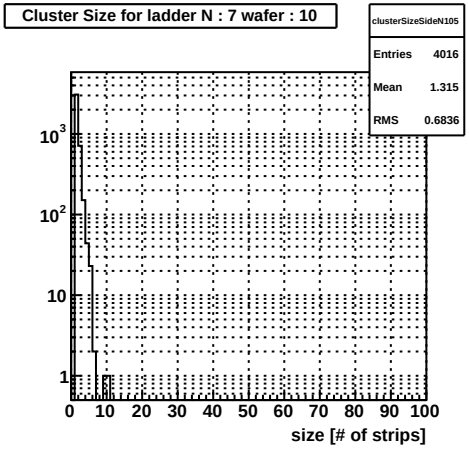

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 4544
Mean 1.326
RMS 0.6467
size [# of strips]

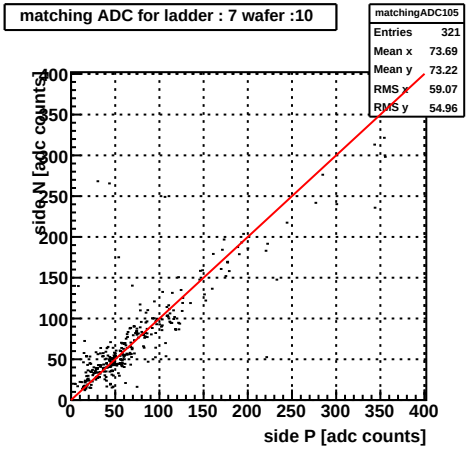

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1708
Mean x 70.05
Mean y 67.73
RMS x 56.01
RMS y 56.47
side N [adc counts]
side P [adc counts]

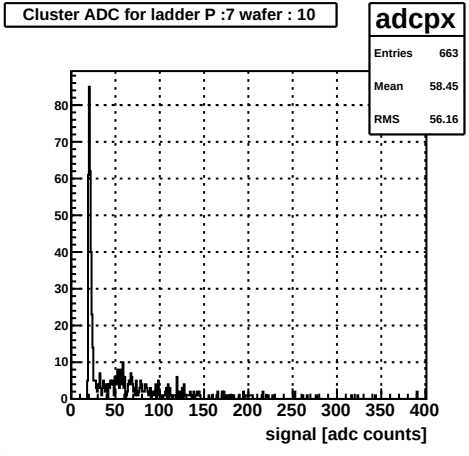

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 11255
Mean 32.3
RMS 30.17
signal [adc counts]

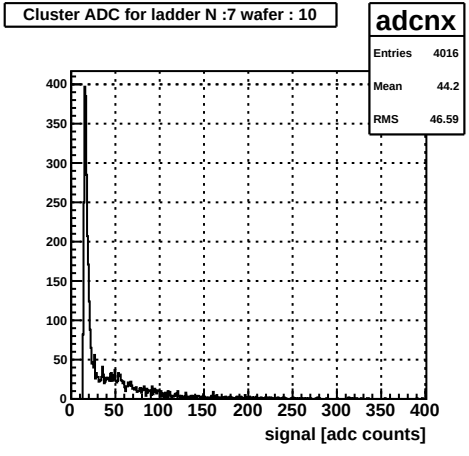

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 4544
Mean 43.77
RMS 47.28
signal [adc counts]

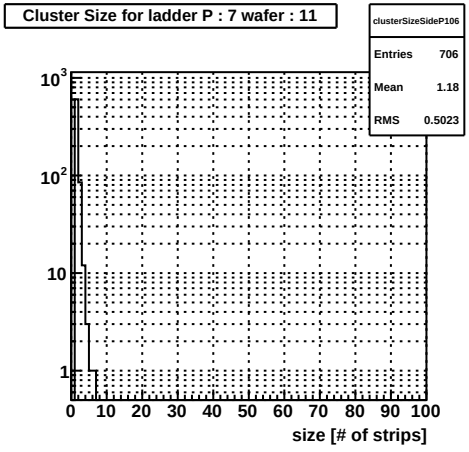

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 663
Mean 1.247
RMS 0.6158
size [# of strips]

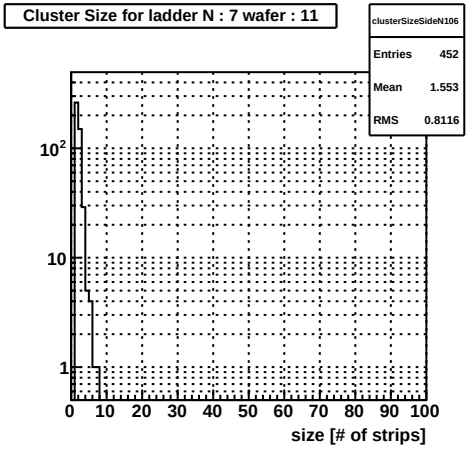

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 4016
Mean 1.315
RMS 0.6836
size [# of strips]

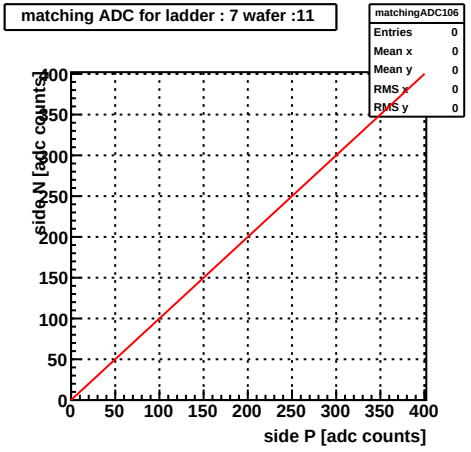

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 321
Mean x 73.69
Mean y 73.22
RMS x 59.07
RMS y 54.96
side N [adc counts]
side P [adc counts]

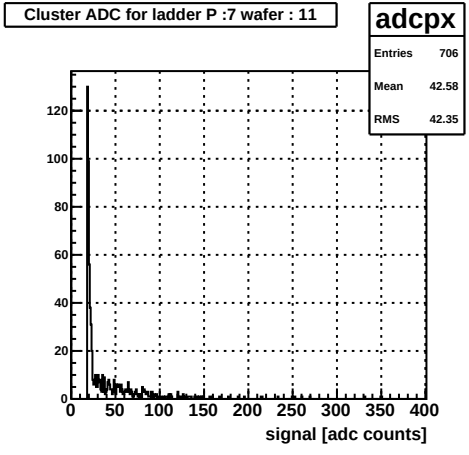

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 663
Mean 58.45
RMS 56.16
signal [adc counts]

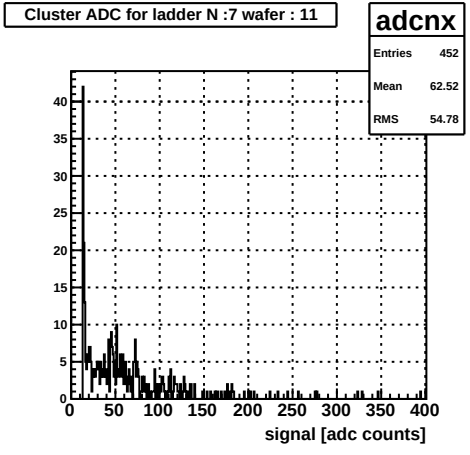

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 4016
Mean 44.2
RMS 46.59
signal [adc counts]

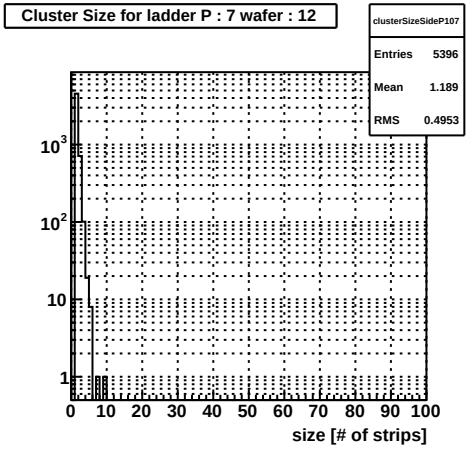

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 706
Mean 1.18
RMS 0.5023
size [# of strips]

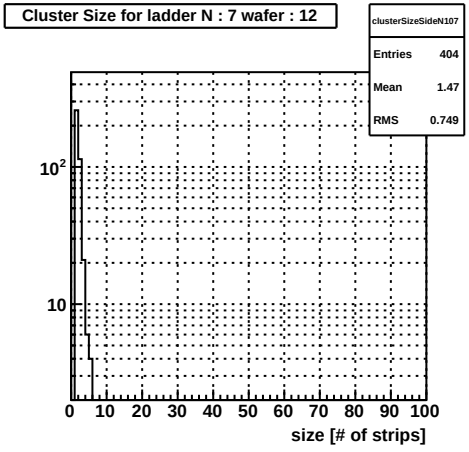

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 452
Mean 1.553
RMS 0.8116
size [# of strips]

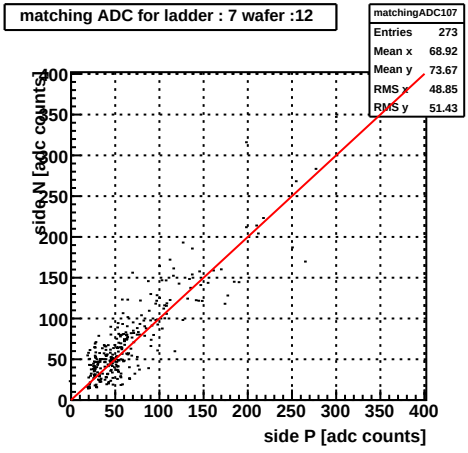

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

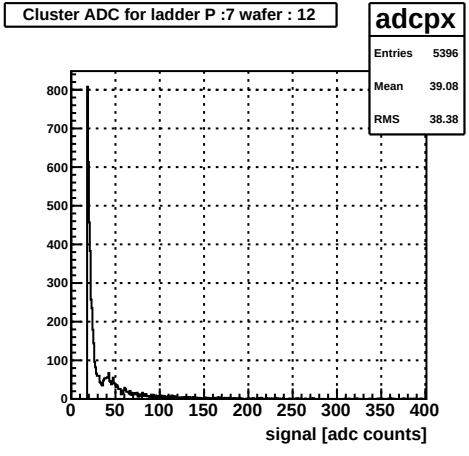

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 706
Mean 42.58
RMS 42.35
signal [adc counts]

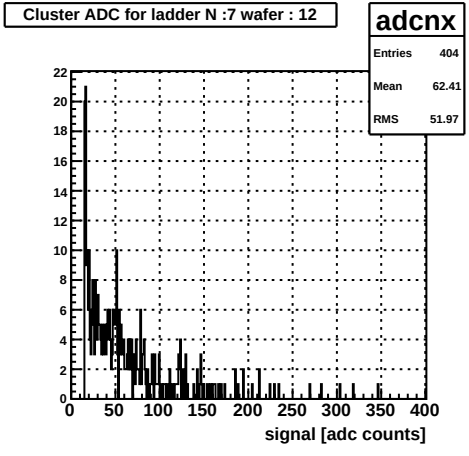

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 452
Mean 62.52
RMS 54.78
signal [adc counts]

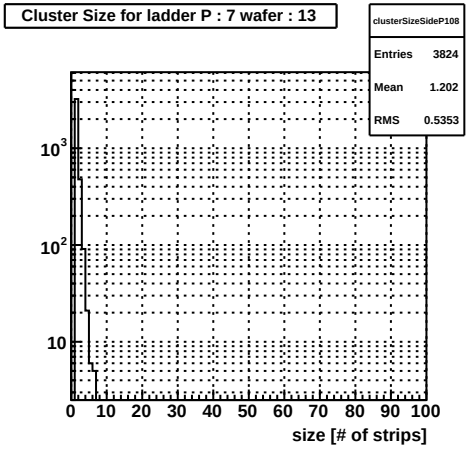

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 5396
Mean 1.189
RMS 0.4953
size [# of strips]

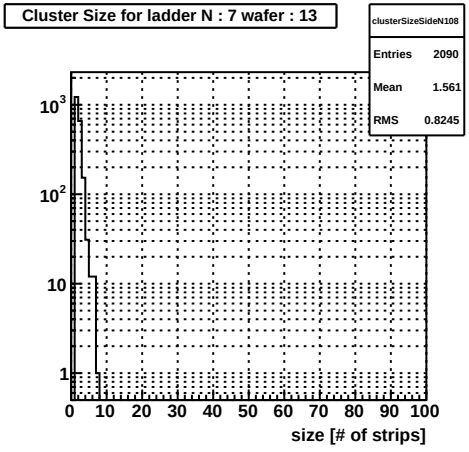

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 404
Mean 1.47
RMS 0.749
size [# of strips]

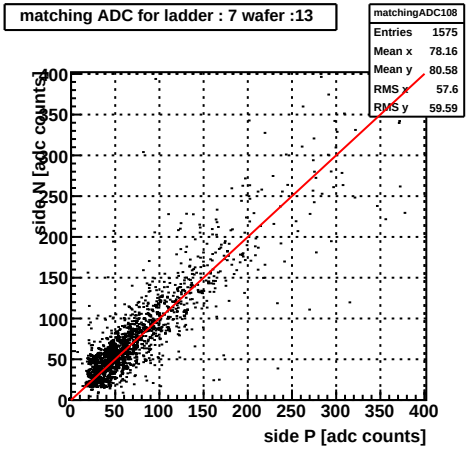

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 273
Mean x 68.92
Mean y 73.67
RMS x 48.85
RMS y 51.43
side N [adc counts]
side P [adc counts]

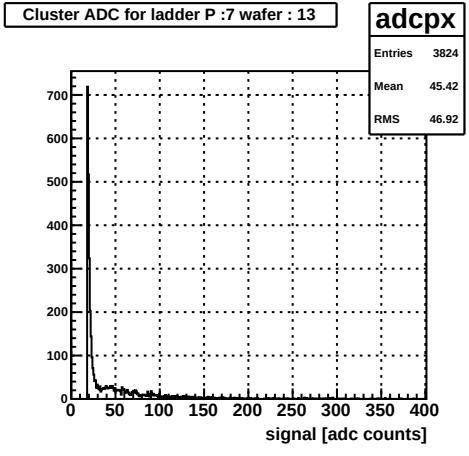

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 5396
Mean 39.08
RMS 38.38
signal [adc counts]

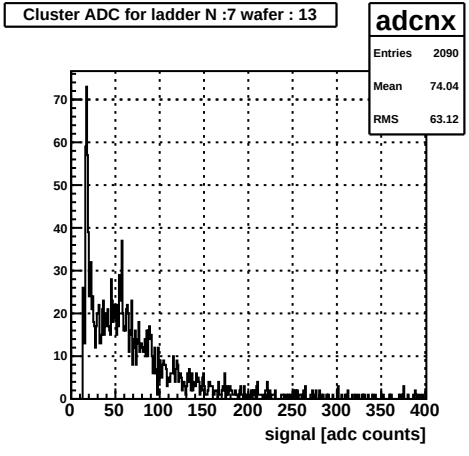

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 404
Mean 62.41
RMS 51.97
signal [adc counts]

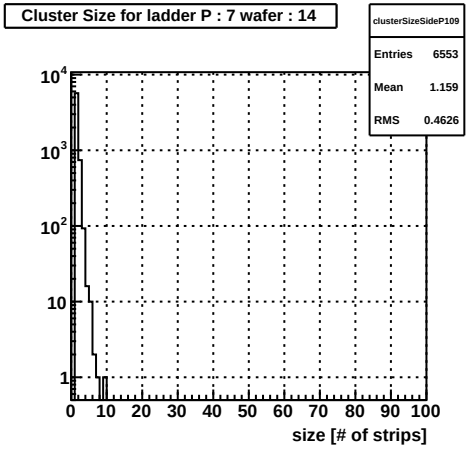

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 3824
Mean 1.202
RMS 0.5353
size [# of strips]

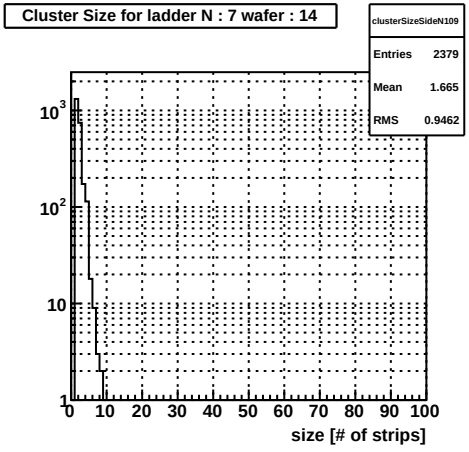

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 2090
Mean 1.561
RMS 0.8245
size [# of strips]

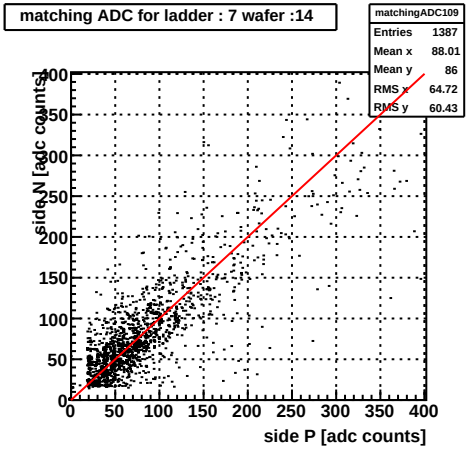

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1575
Mean x 78.16
Mean y 80.58
RMS x 57.6
RMS y 59.59
side N [adc counts]
side P [adc counts]

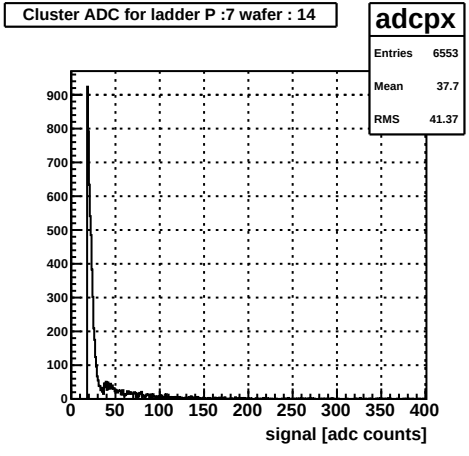

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 3824
Mean 45.42
RMS 46.92
signal [adc counts]

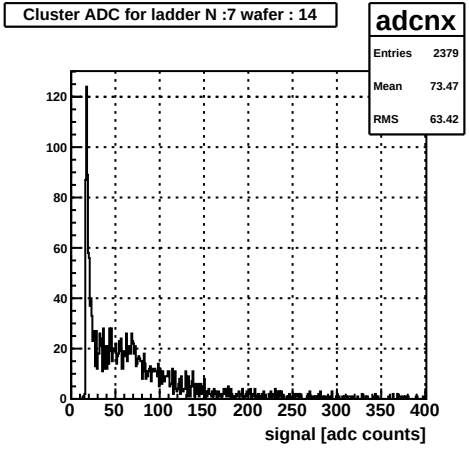

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 2090
Mean 74.04
RMS 63.12
signal [adc counts]

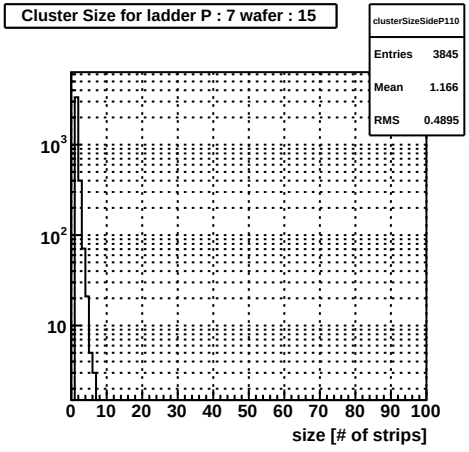

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 6553
Mean 1.159
RMS 0.4626
size [# of strips]

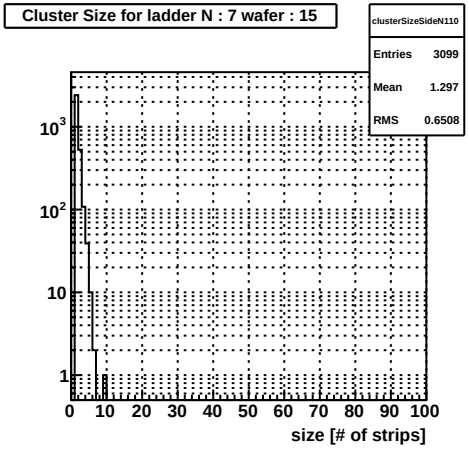

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2379
Mean 1.665
RMS 0.9462
size [# of strips]

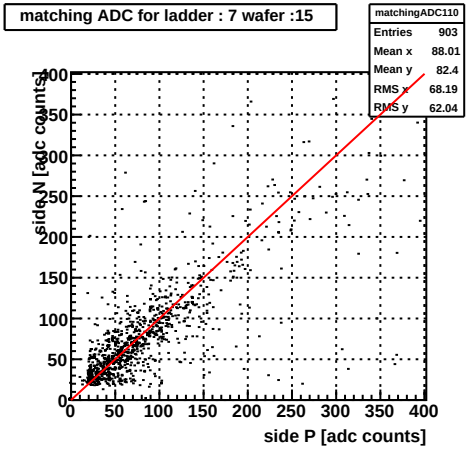

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1387
Mean x 88.01
Mean y 86
RMS x 64.72
RMS y 60.43
side N [adc counts]
side P [adc counts]

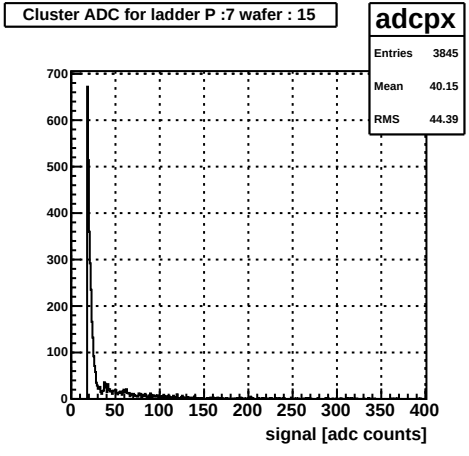

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 6553
Mean 37.7
RMS 41.37
signal [adc counts]

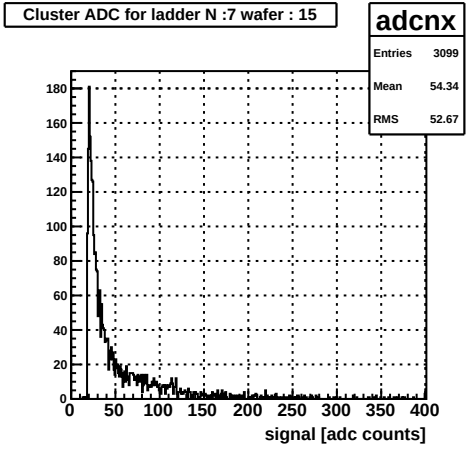

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2379
Mean 73.47
RMS 63.42
signal [adc counts]

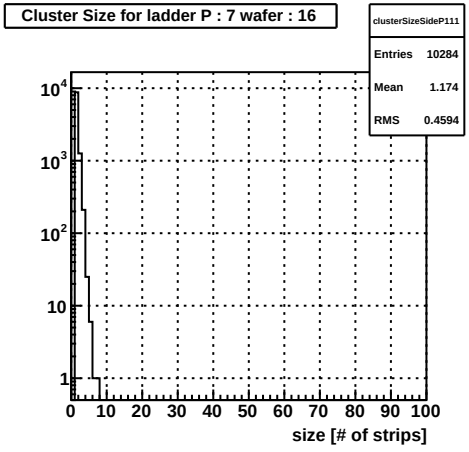

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 3845
Mean 1.166
RMS 0.4895
size [# of strips]

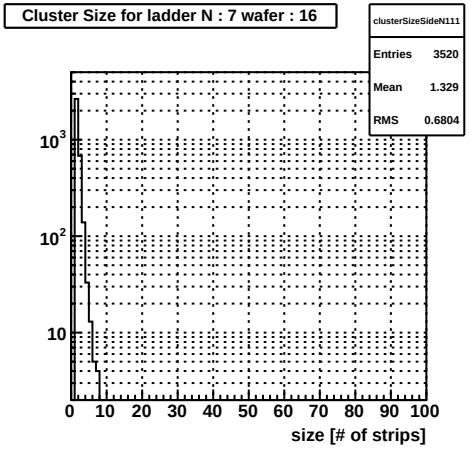

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 3099
Mean 1.297
RMS 0.6508
size [# of strips]

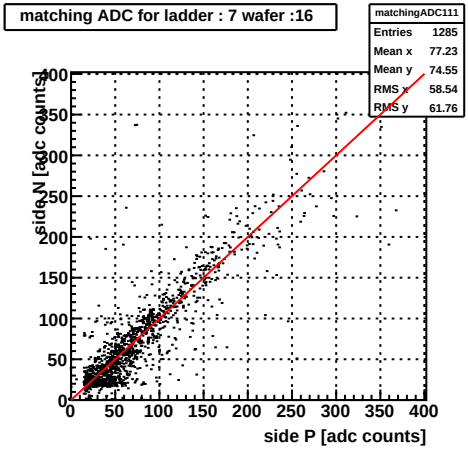

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 903
Mean x 88.01
Mean y 82.4
RMS x 68.19
RMS y 62.04
side N [adc counts]
side P [adc counts]

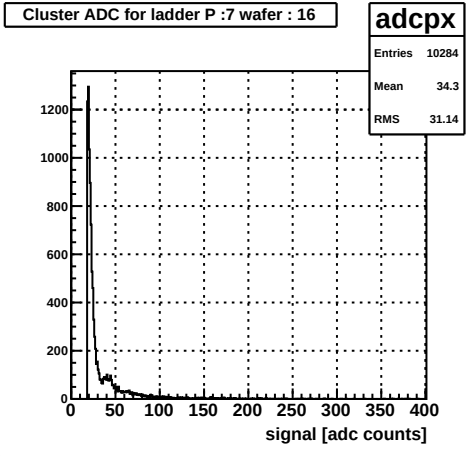

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 3845
Mean 40.15
RMS 44.39
signal [adc counts]

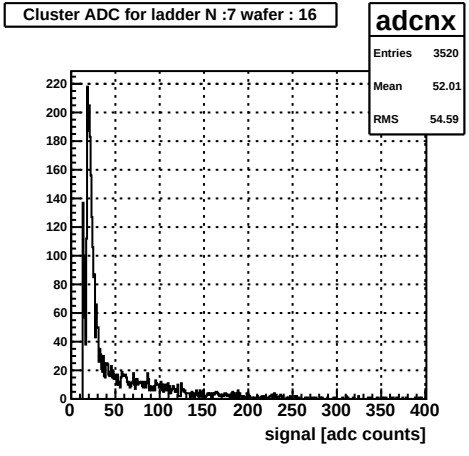

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 3099
Mean 54.34
RMS 52.67
signal [adc counts]

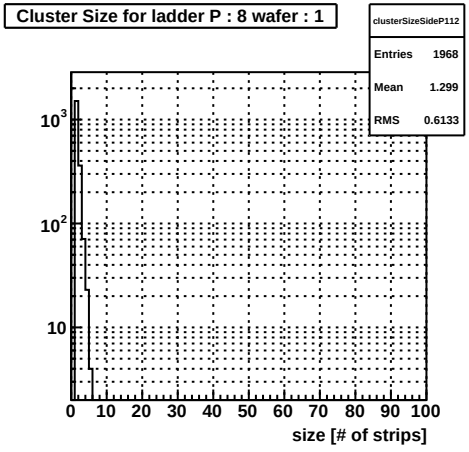

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 10284
Mean 1.174
RMS 0.4594
size [# of strips]

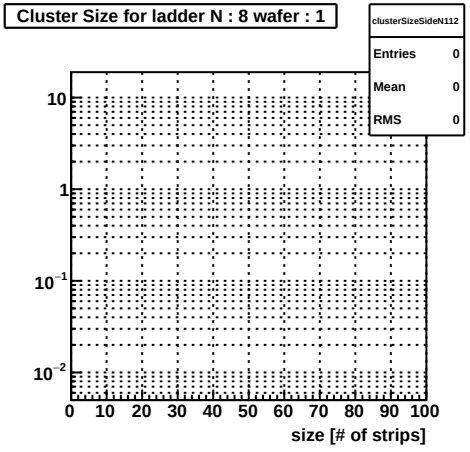

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3520
Mean 1.329
RMS 0.6804
size [# of strips]

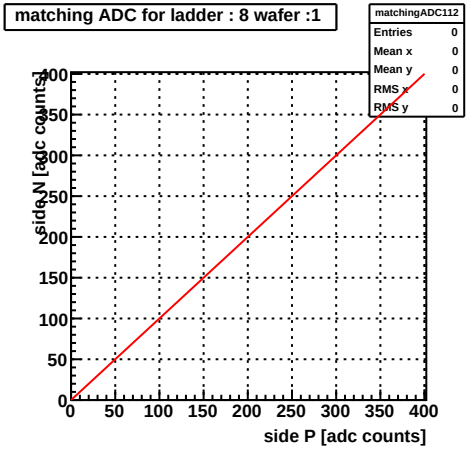

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1285
Mean x 77.23
Mean y 74.55
RMS x 58.54
RMS y 61.76
side N [adc counts]
side P [adc counts]

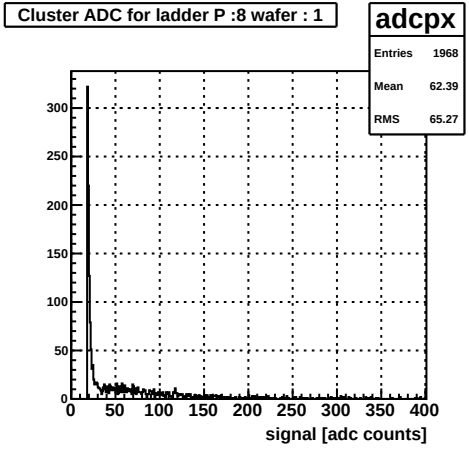

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 10284
Mean 34.3
RMS 31.14
signal [adc counts]

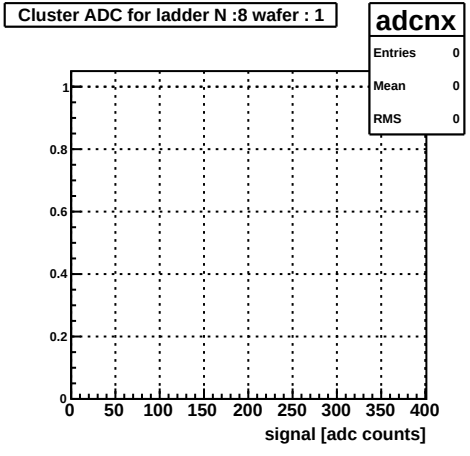

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3520
Mean 52.01
RMS 54.59
signal [adc counts]

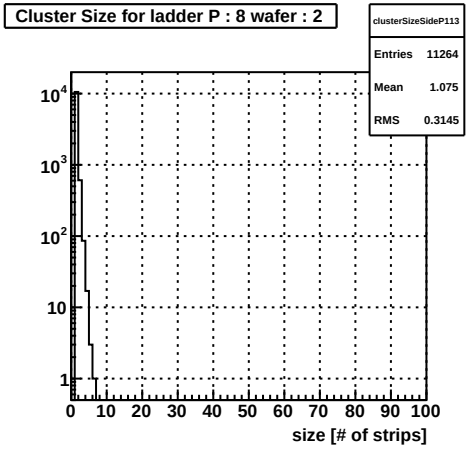

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1968
Mean 1.299
RMS 0.6133
size [# of strips]

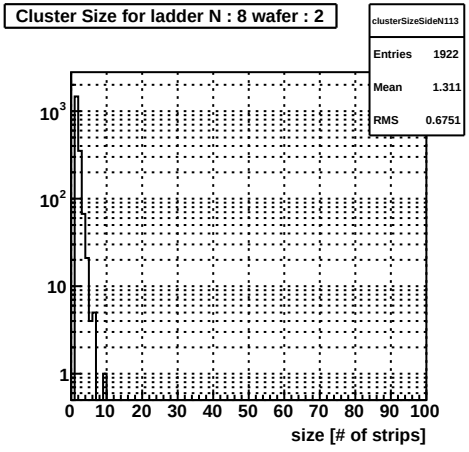

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

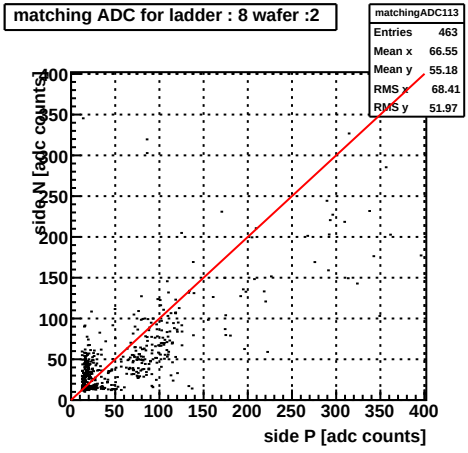

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

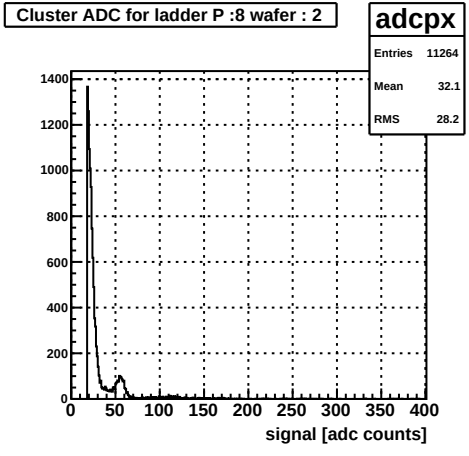

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1968
Mean 62.39
RMS 65.27
signal [adc counts]

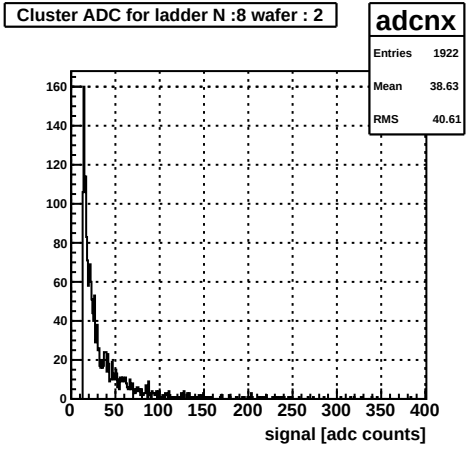

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

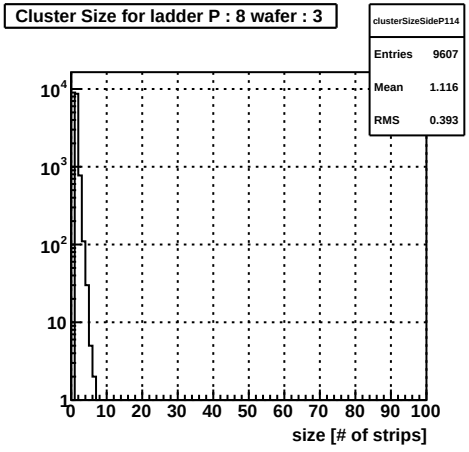

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 11264
Mean 1.075
RMS 0.3145
size [# of strips]

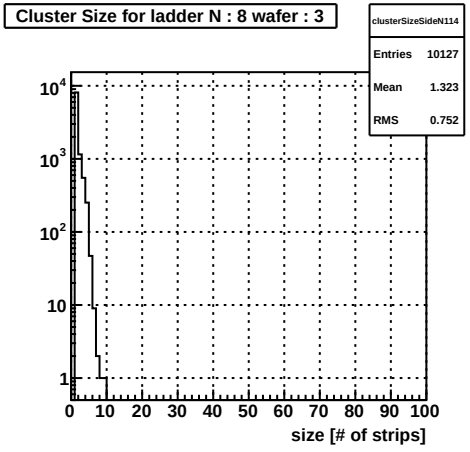

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1922
Mean 1.311
RMS 0.6751
size [# of strips]

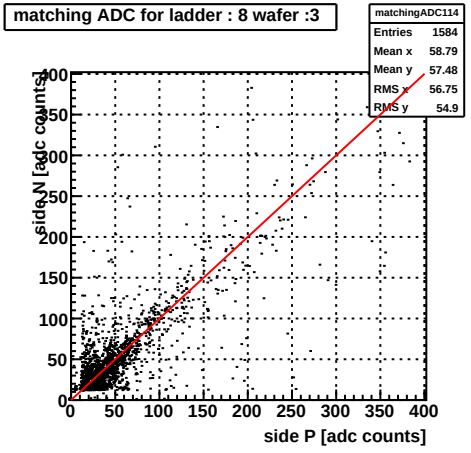

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 463
Mean x 66.55
Mean y 55.18
RMS x 68.41
RMS y 51.97
side N [adc counts]
side P [adc counts]

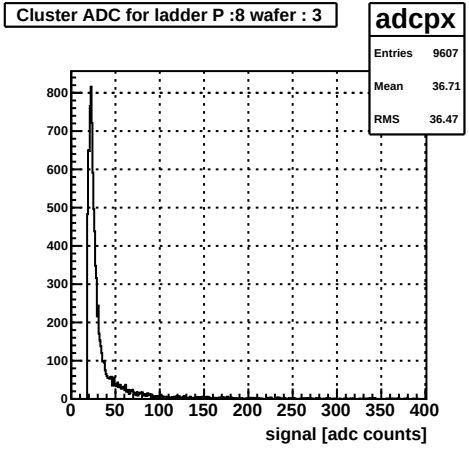

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 11264
Mean 32.1
RMS 28.2
signal [adc counts]

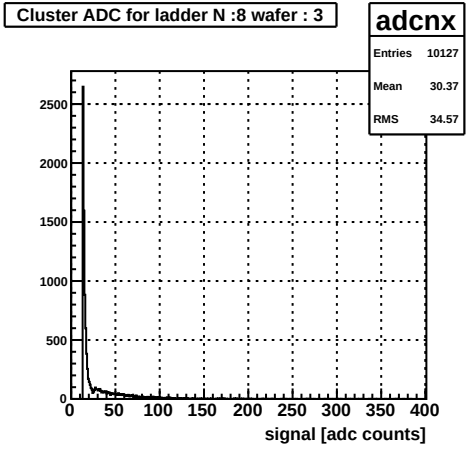

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1922
Mean 38.63
RMS 40.61
signal [adc counts]

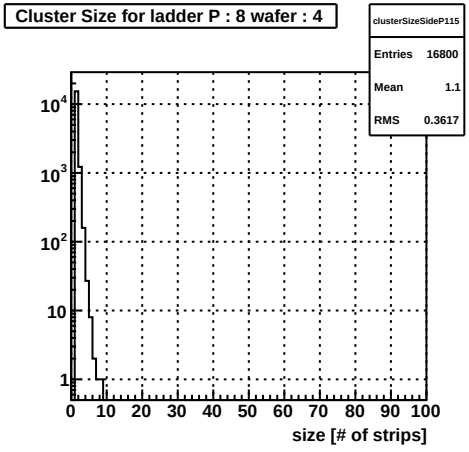

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 9607
Mean 1.116
RMS 0.393
size [# of strips]

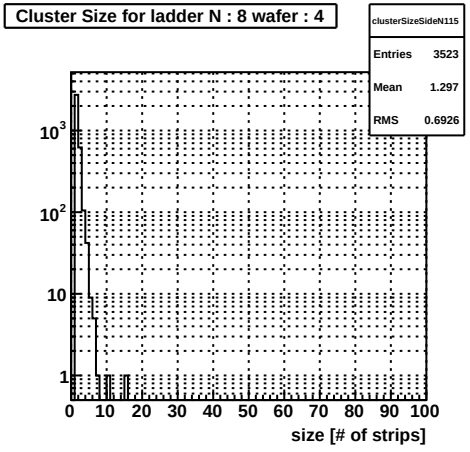

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 10127
Mean 1.323
RMS 0.752
size [# of strips]

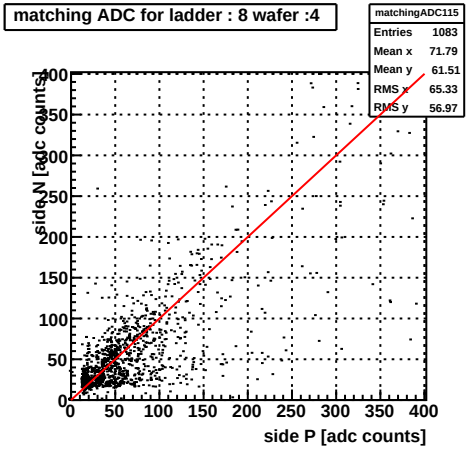

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1584
Mean x 58.79
Mean y 57.48
RMS x 56.75
RMS y 54.9
side N [adc counts]
side P [adc counts]

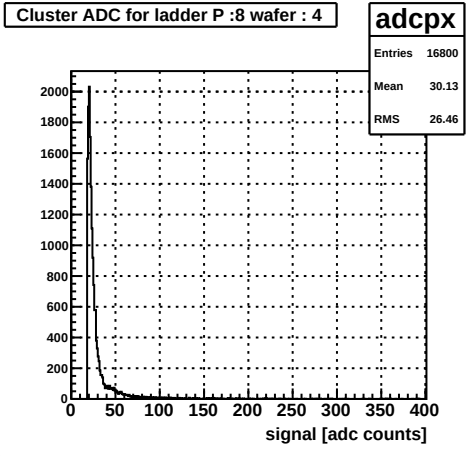

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 9607
Mean 36.71
RMS 36.47
signal [adc counts]

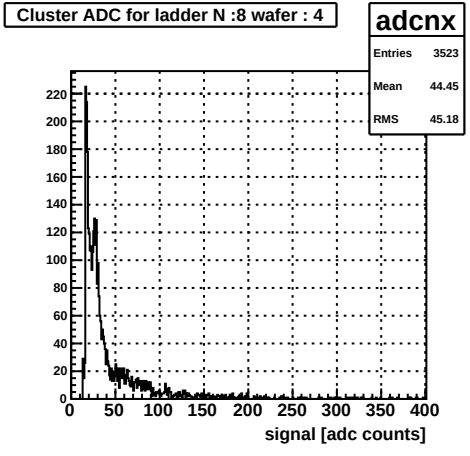

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 10127
Mean 30.37
RMS 34.57
signal [adc counts]

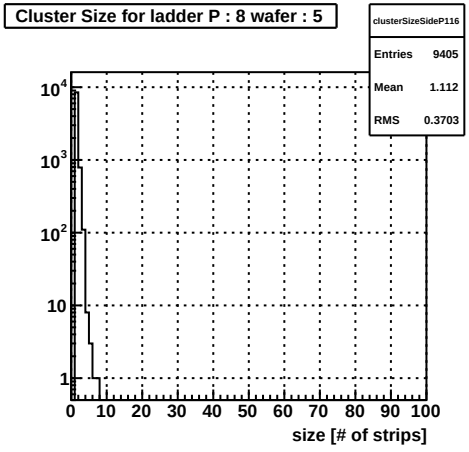

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 16800
Mean 1.1
RMS 0.3617
size [# of strips]

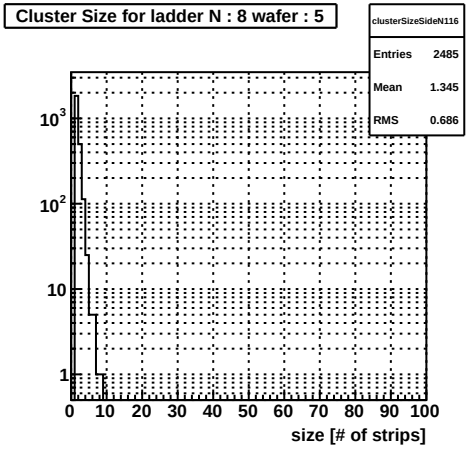

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3523
Mean 1.297
RMS 0.6926
size [# of strips]

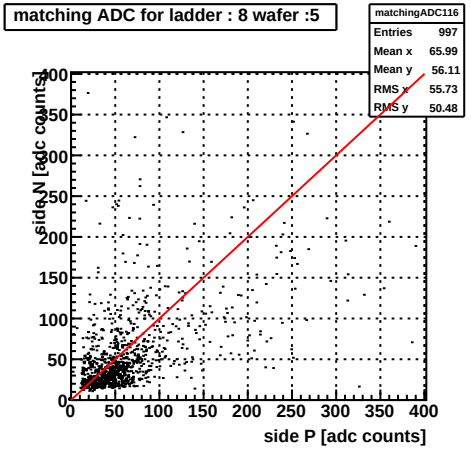

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1083
Mean x 71.79
Mean y 61.51
RMS x 65.33
RMS y 56.97
side N [adc counts]
side P [adc counts]

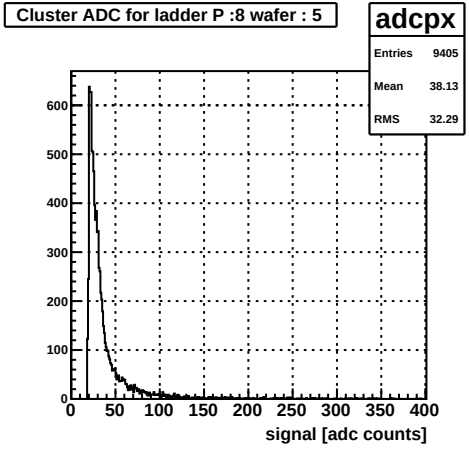

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 16800
Mean 30.13
RMS 26.46
signal [adc counts]

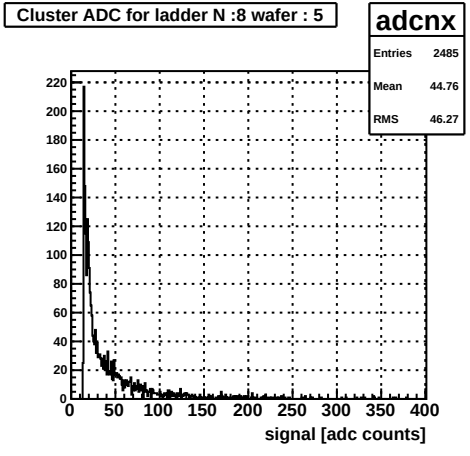

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3523
Mean 44.45
RMS 45.18
signal [adc counts]

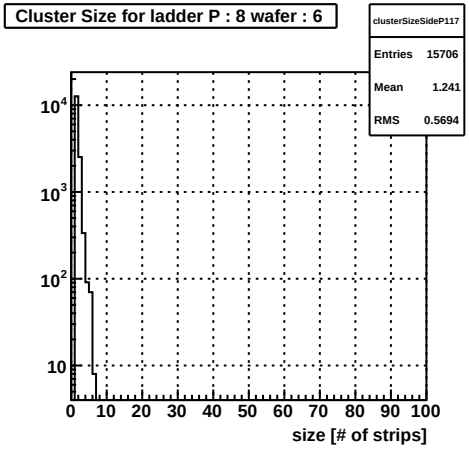

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 9405
Mean 1.112
RMS 0.3703
size [# of strips]

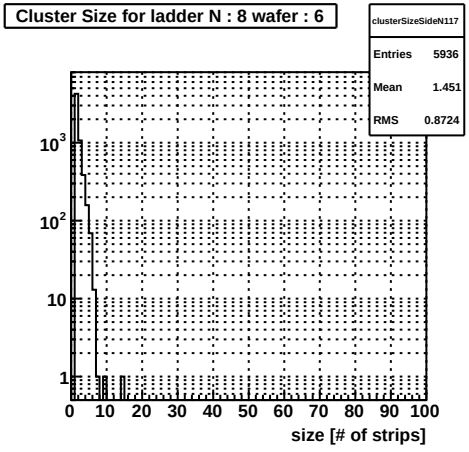

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2485
Mean 1.345
RMS 0.686
size [# of strips]

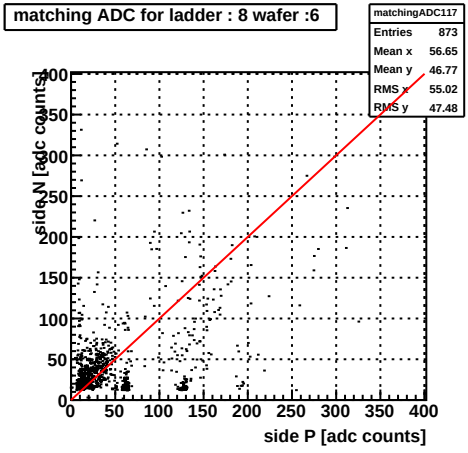

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 997
Mean x 65.99
Mean y 56.11
RMS x 55.73
RMS y 50.48
side N [adc counts]
side P [adc counts]

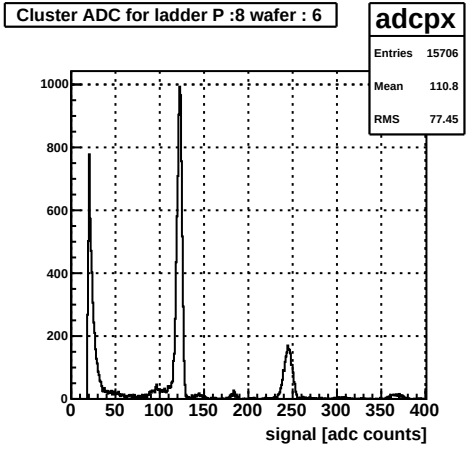

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 9405
Mean 38.13
RMS 32.29
signal [adc counts]

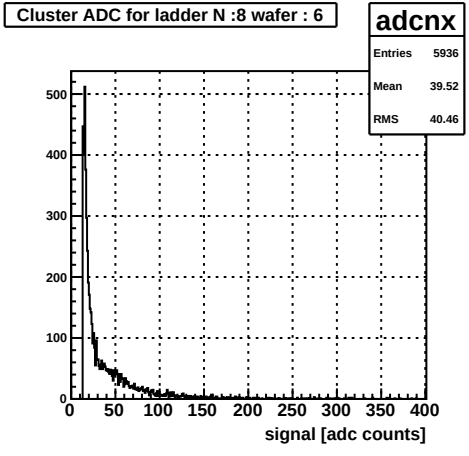

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2485
Mean 44.76
RMS 46.27
signal [adc counts]

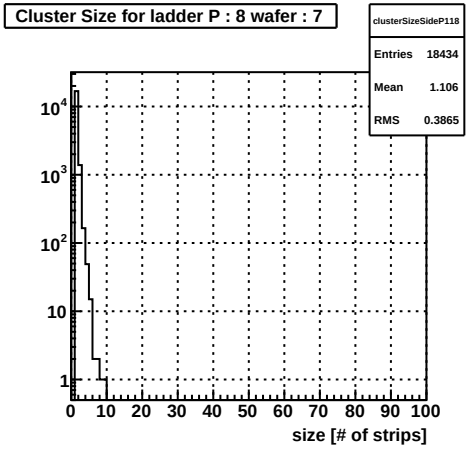

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 15706
Mean 1.241
RMS 0.5694
size [# of strips]

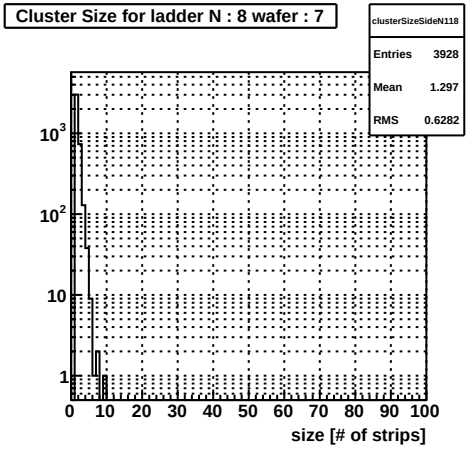

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5936
Mean 1.451
RMS 0.8724
size [# of strips]

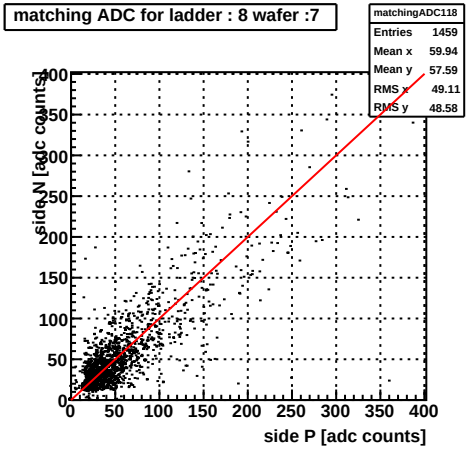

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 873
Mean x 56.65
Mean y 46.77
RMS x 55.02
RMS y 47.48
side N [adc counts]
side P [adc counts]

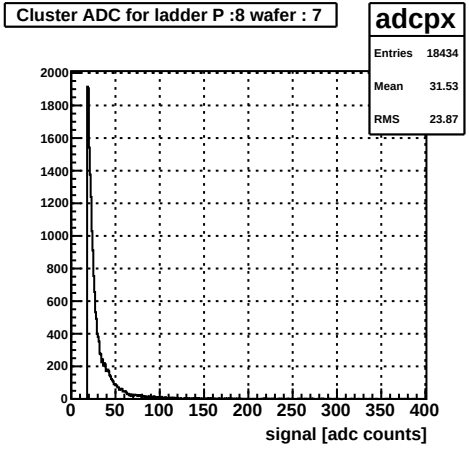

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 15706
Mean 110.8
RMS 77.45
signal [adc counts]

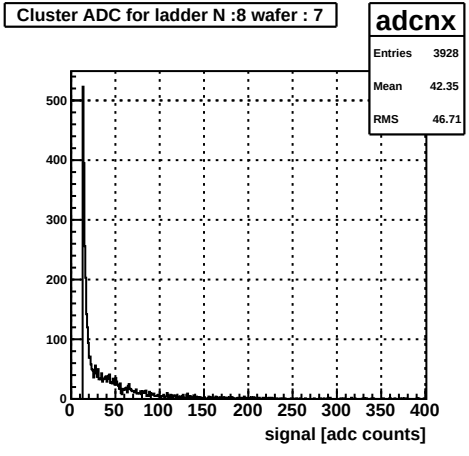

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5936
Mean 39.52
RMS 40.46
signal [adc counts]

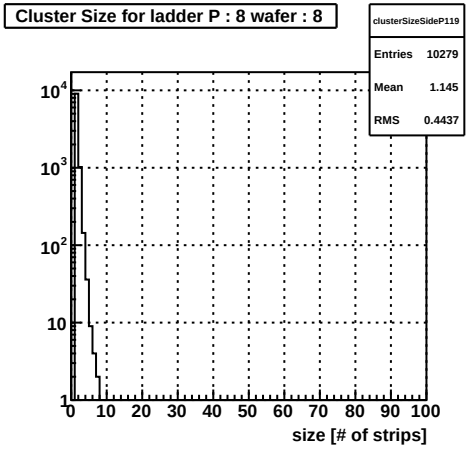

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 18434
Mean 1.106
RMS 0.3865
size [# of strips]

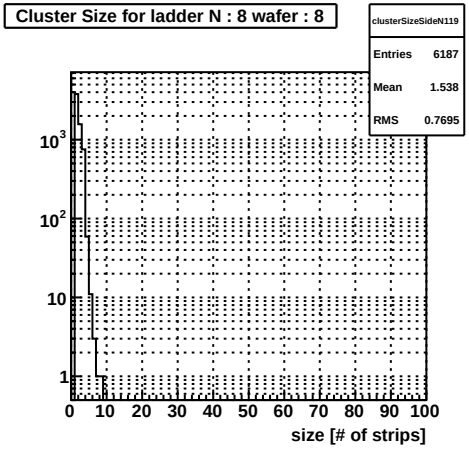

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3928
Mean 1.297
RMS 0.6282
size [# of strips]

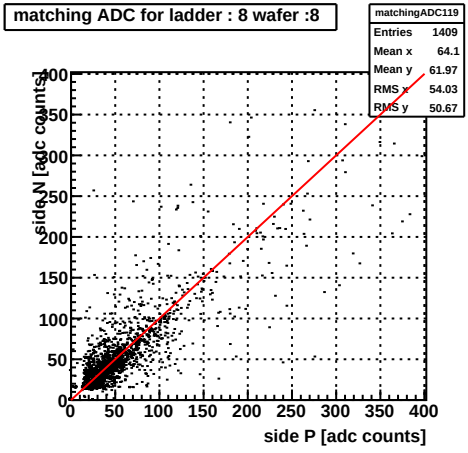

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1459
Mean x 59.94
Mean y 57.59
RMS x 49.11
RMS y 48.58
side N [adc counts]
side P [adc counts]

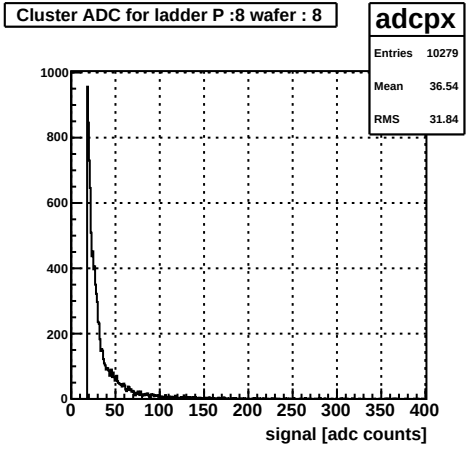

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 18434
Mean 31.53
RMS 23.87
signal [adc counts]

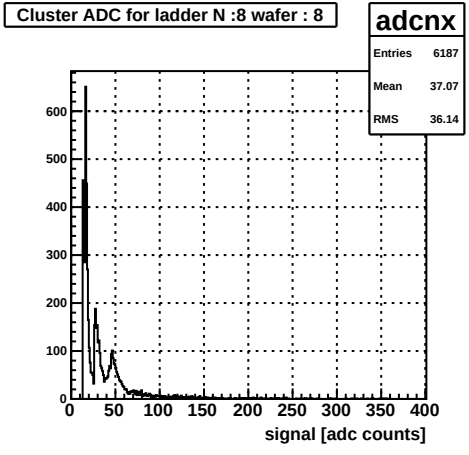

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3928
Mean 42.35
RMS 46.71
signal [adc counts]

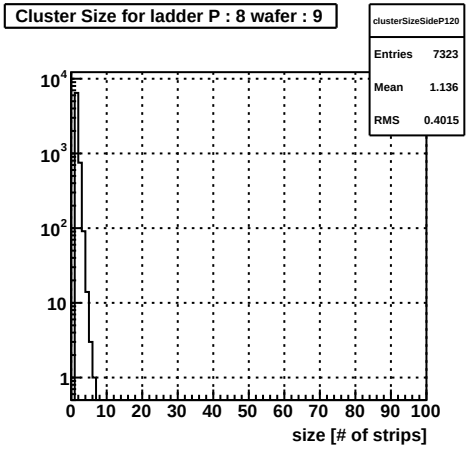

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 10279
Mean 1.145
RMS 0.4437
size [# of strips]

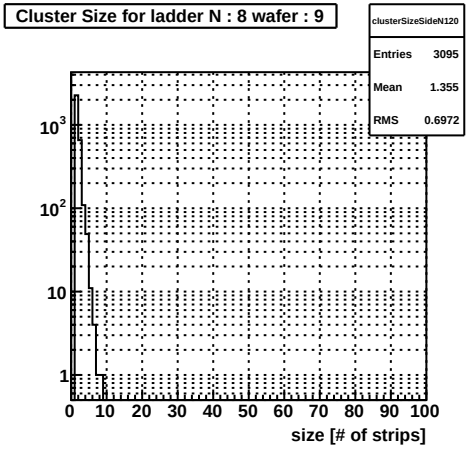

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 6187
Mean 1.538
RMS 0.7695
size [# of strips]

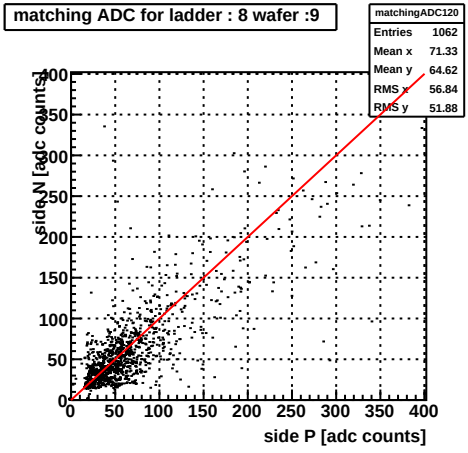

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1409
Mean x 64.1
Mean y 61.97
RMS x 54.03
RMS y 50.67
side N [adc counts]
side P [adc counts]

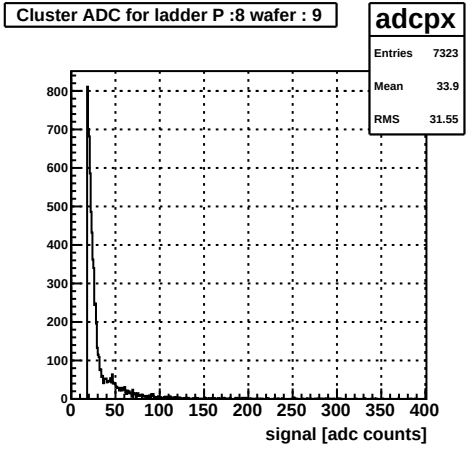

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 10279
Mean 36.54
RMS 31.84
signal [adc counts]

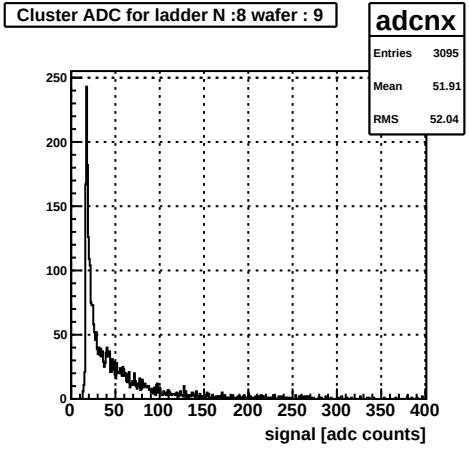

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 6187
Mean 37.07
RMS 36.14
signal [adc counts]

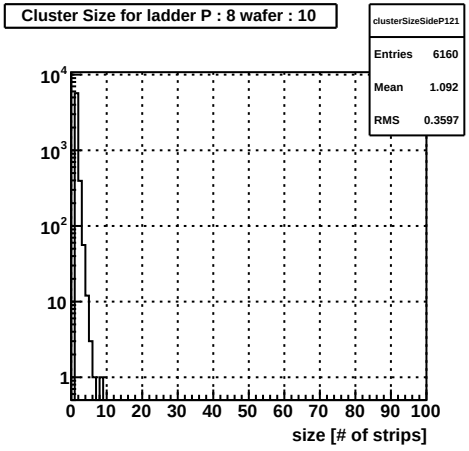

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 7323
Mean 1.136
RMS 0.4015
size [# of strips]

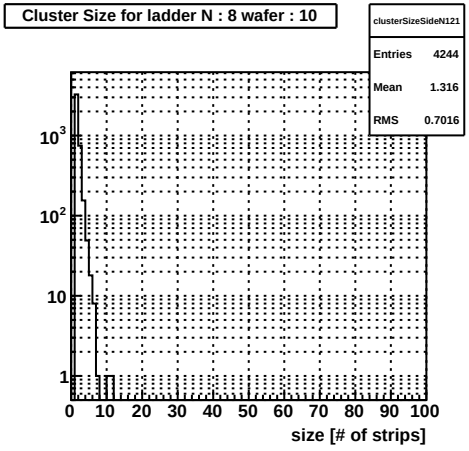

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 3095
Mean 1.355
RMS 0.6972
size [# of strips]

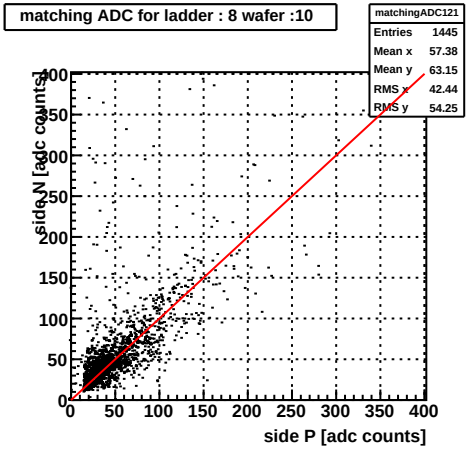

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1062
Mean x 71.33
Mean y 64.62
RMS x 56.84
RMS y 51.88
side N [adc counts]
side P [adc counts]

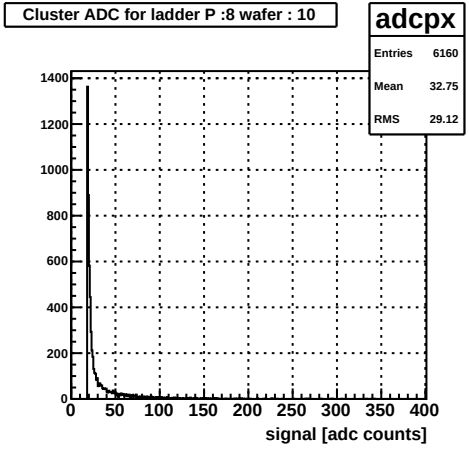

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 7323
Mean 33.9
RMS 31.55
signal [adc counts]

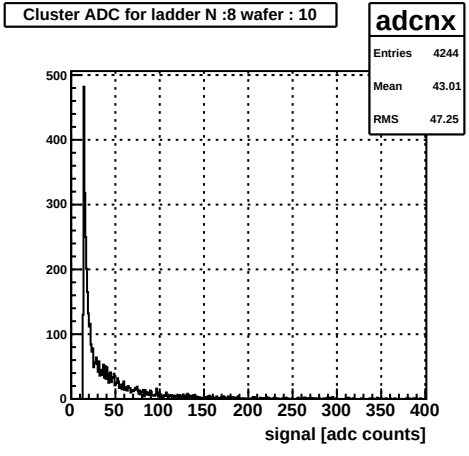

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 3095
Mean 51.91
RMS 52.04
signal [adc counts]

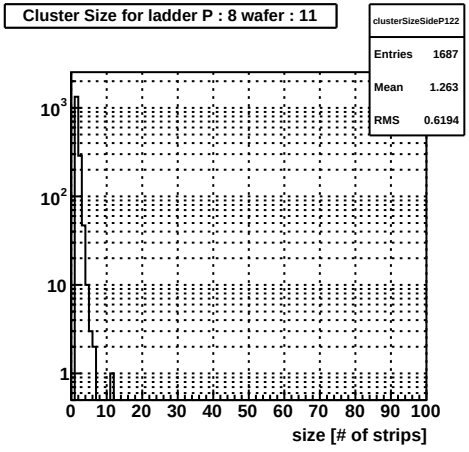

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 6160
Mean 1.092
RMS 0.3597
size [# of strips]

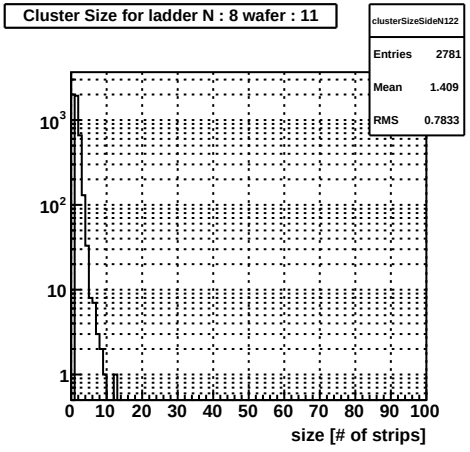

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4244
Mean 1.316
RMS 0.7016
size [# of strips]

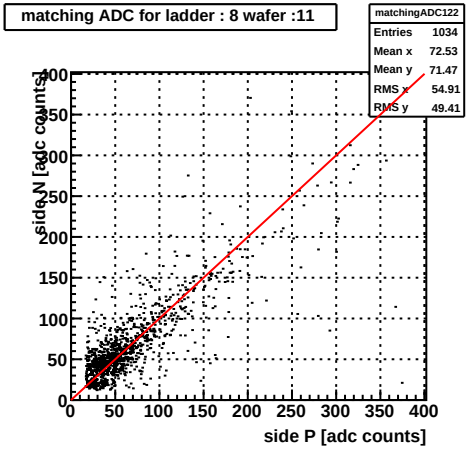

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1445
Mean x 57.38
Mean y 63.15
RMS x 42.44
RMS y 54.25
side N [adc counts]
side P [adc counts]

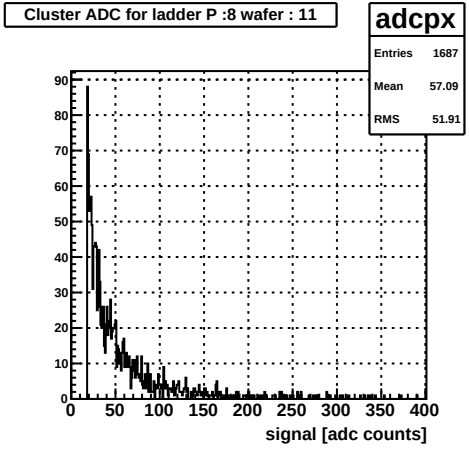

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 6160
Mean 32.75
RMS 29.12
signal [adc counts]

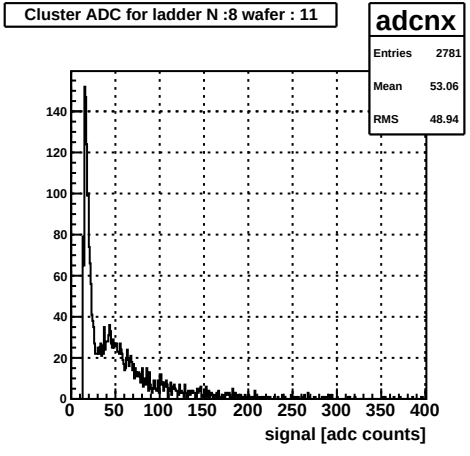

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4244
Mean 43.01
RMS 47.25
signal [adc counts]

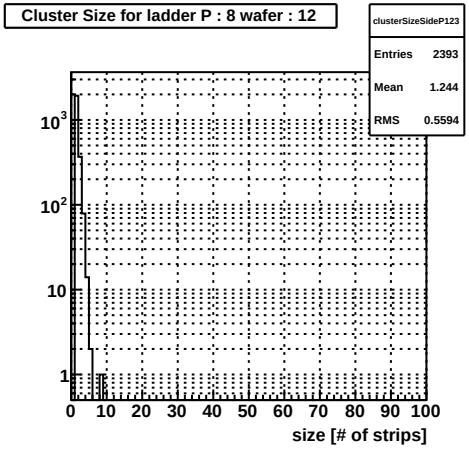

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1687
Mean 1.263
RMS 0.6194
size [# of strips]

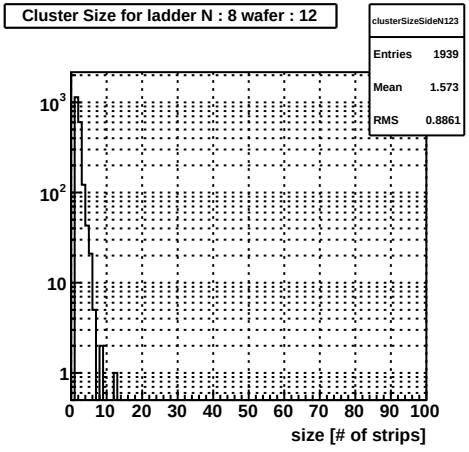

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 2781
Mean 1.409
RMS 0.7833
size [# of strips]

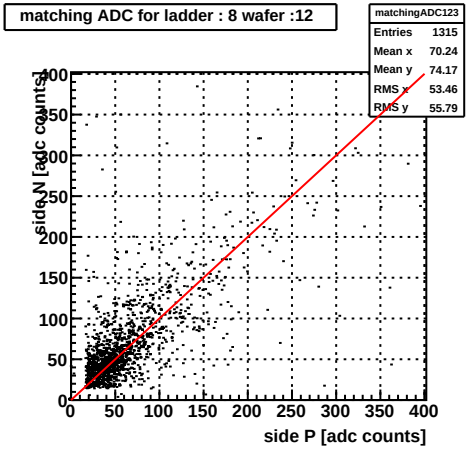

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1034
Mean x 72.53
Mean y 71.47
RMS x 54.91
RMS y 49.41
side N [adc counts]
side P [adc counts]

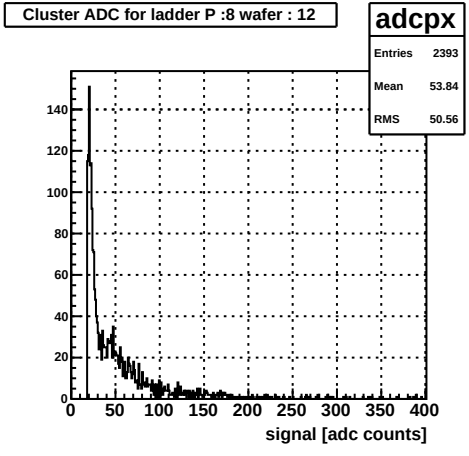

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1687
Mean 57.09
RMS 51.91
signal [adc counts]

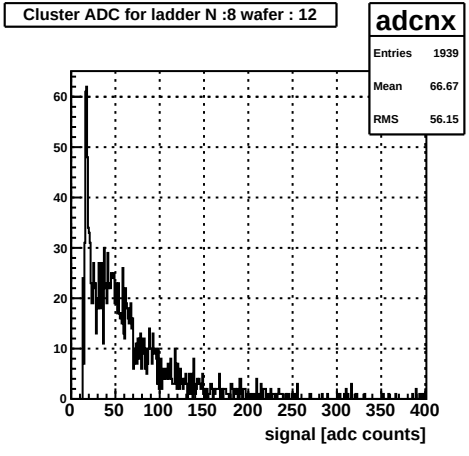

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 2781
Mean 53.06
RMS 48.94
signal [adc counts]

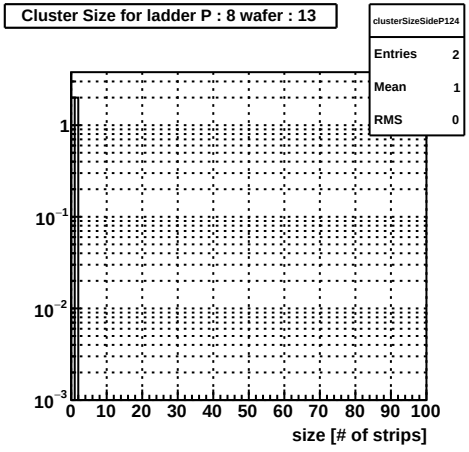

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2393
Mean 1.244
RMS 0.5594
size [# of strips]

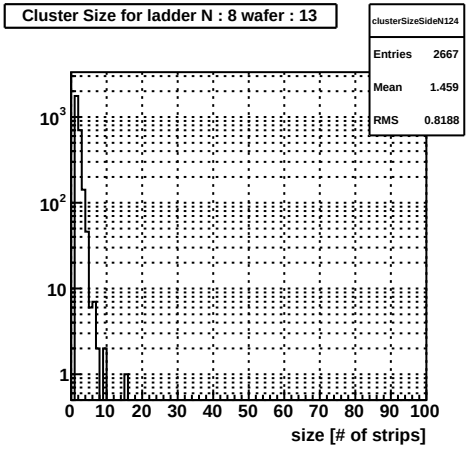

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1939
Mean 1.573
RMS 0.8861
size [# of strips]

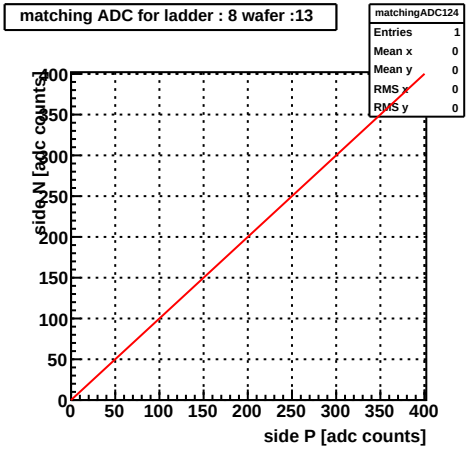

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1315
Mean x 70.24
Mean y 74.17
RMS x 53.46
RMS y 55.79
side N [adc counts]
side P [adc counts]

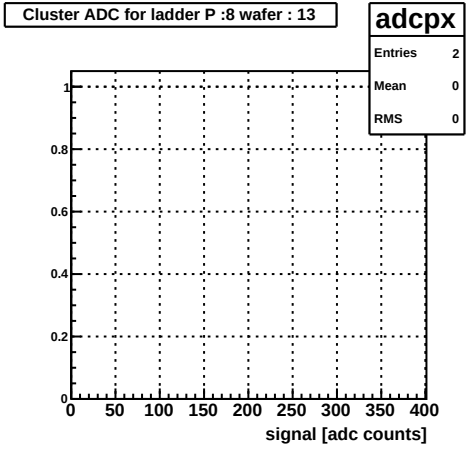

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2393
Mean 53.84
RMS 50.56
signal [adc counts]

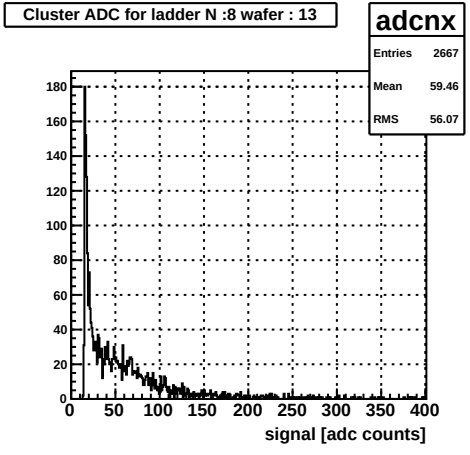

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1939
Mean 66.67
RMS 56.15
signal [adc counts]

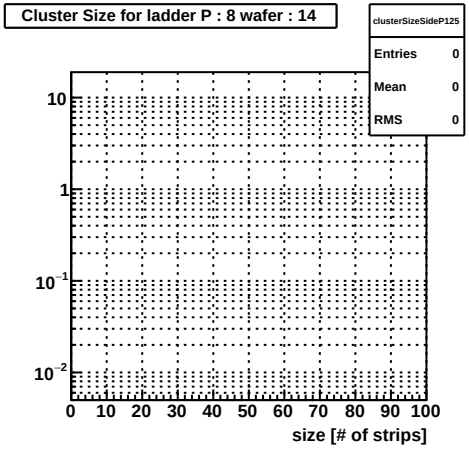

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 2
Mean 1
RMS 0
size [# of strips]

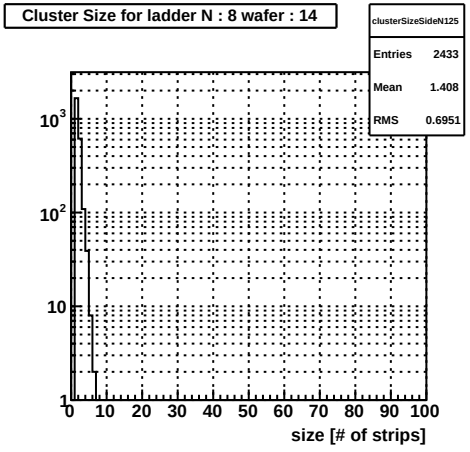

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2667
Mean 1.459
RMS 0.8188
size [# of strips]

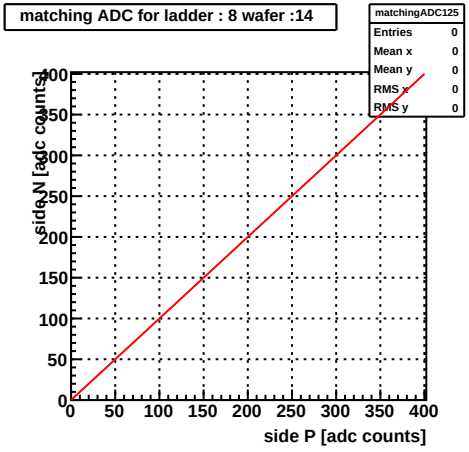

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

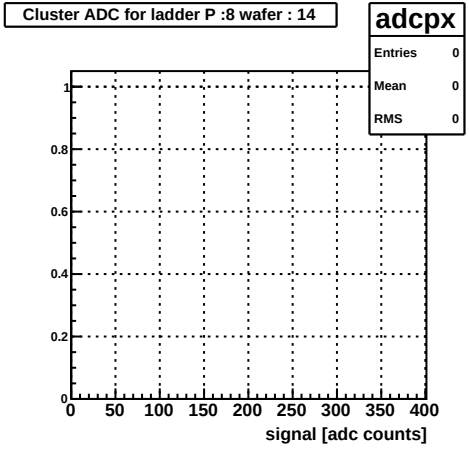

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

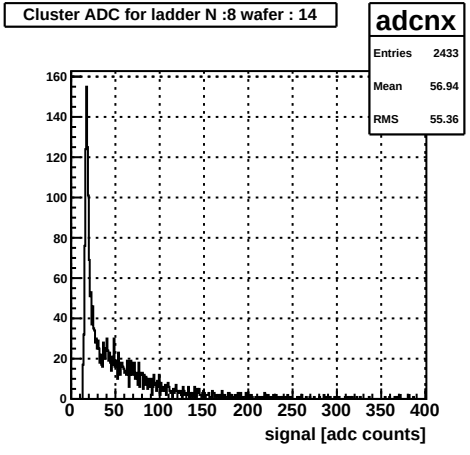

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2667
Mean 59.46
RMS 56.07
signal [adc counts]

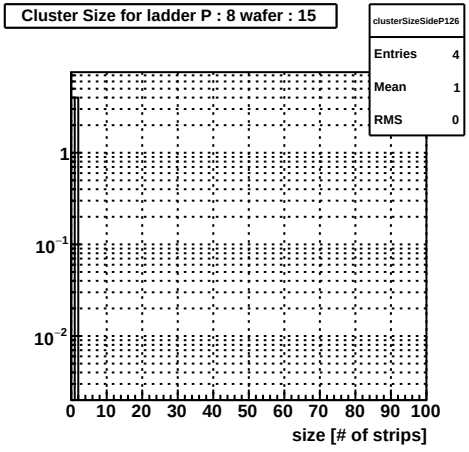

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

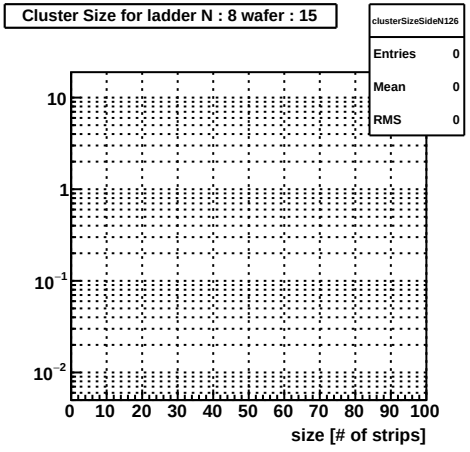

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 2433
Mean 1.408
RMS 0.6951
size [# of strips]

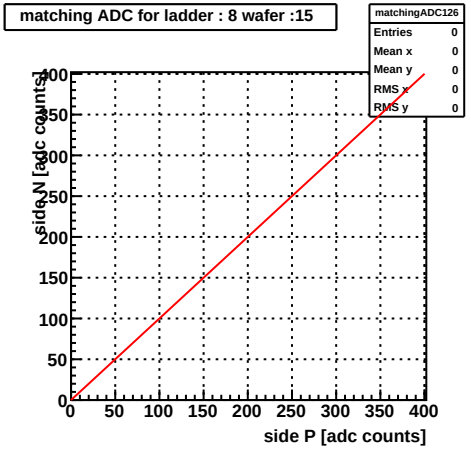

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

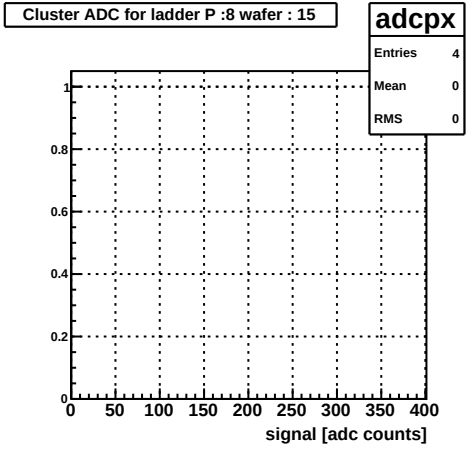

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

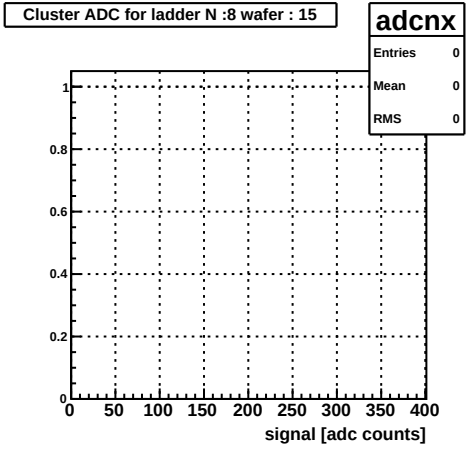

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 2433
Mean 56.94
RMS 55.36
signal [adc counts]

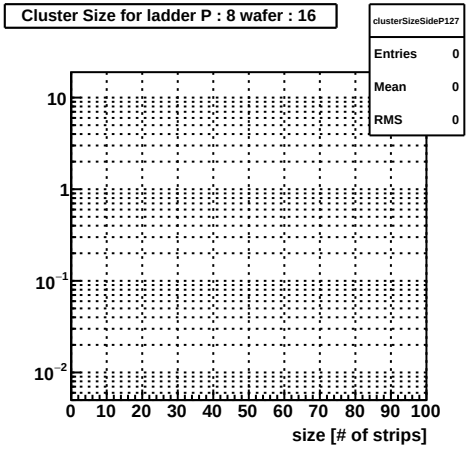

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 4
Mean 1
RMS 0
size [# of strips]

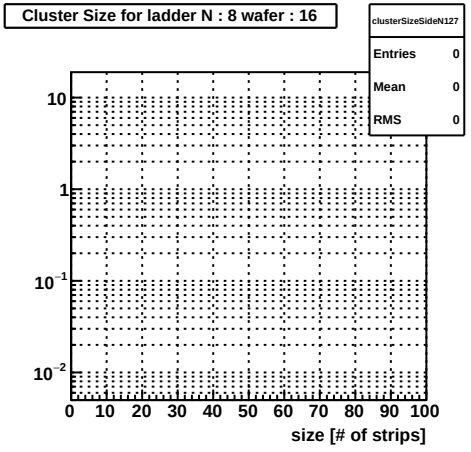

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

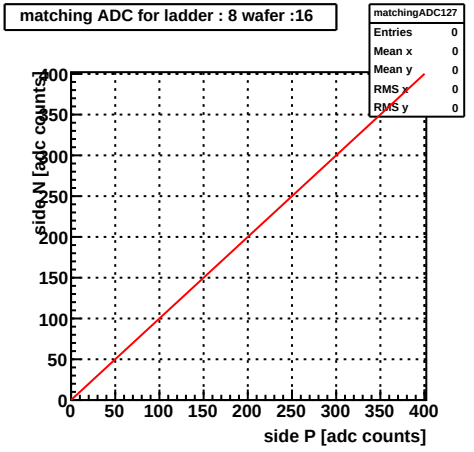

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

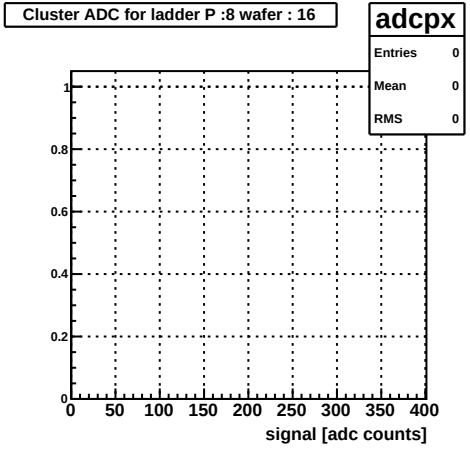

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

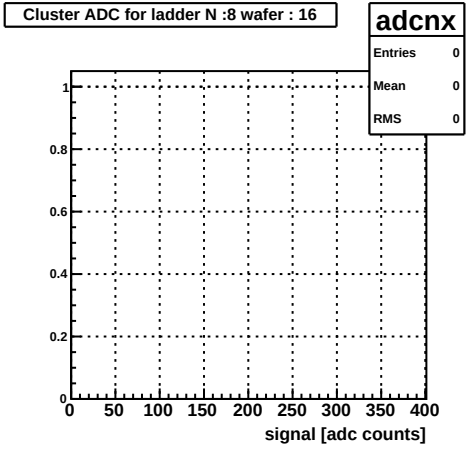

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

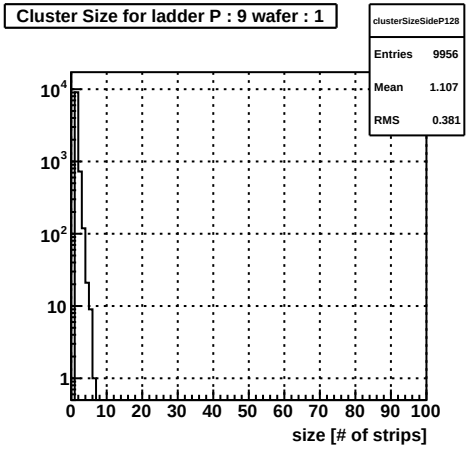

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

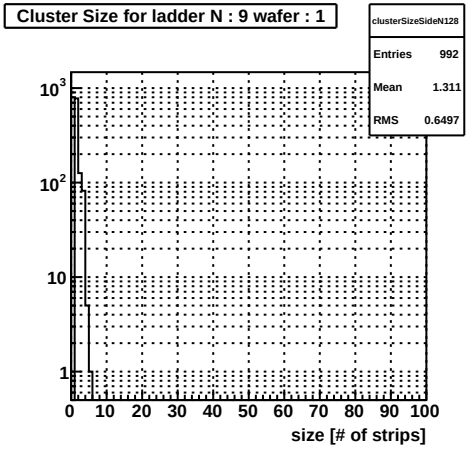

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

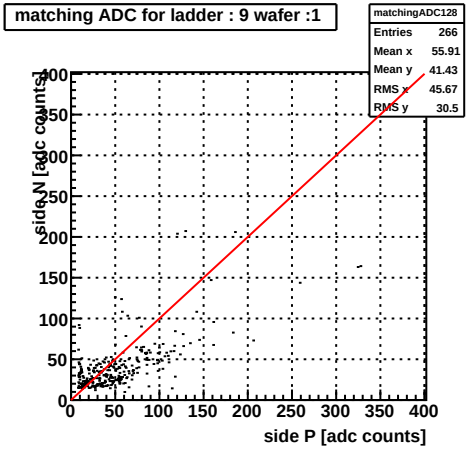

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

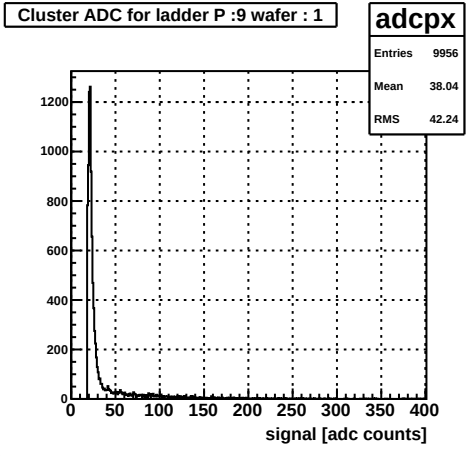

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

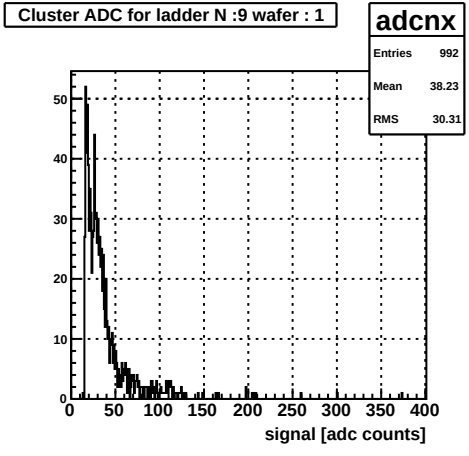

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

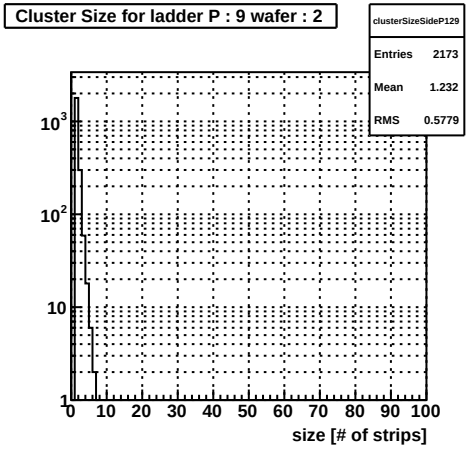

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 9956
Mean 1.107
RMS 0.381
size [# of strips]

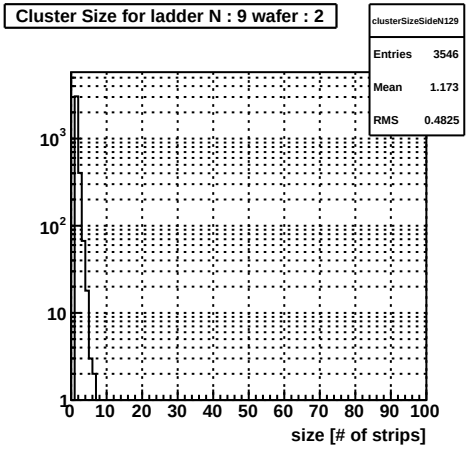

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 992
Mean 1.311
RMS 0.6497
size [# of strips]

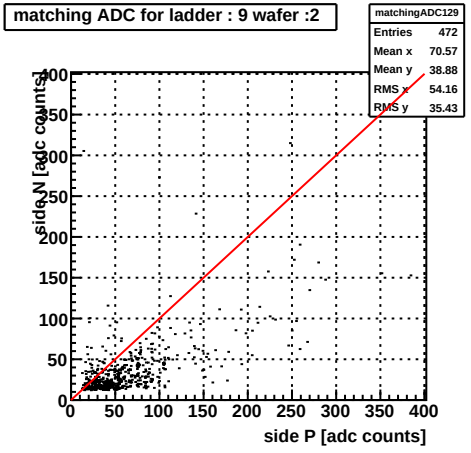

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 266
Mean x 55.91
Mean y 41.43
RMS x 45.67
RMS y 30.5
side N [adc counts]
side P [adc counts]

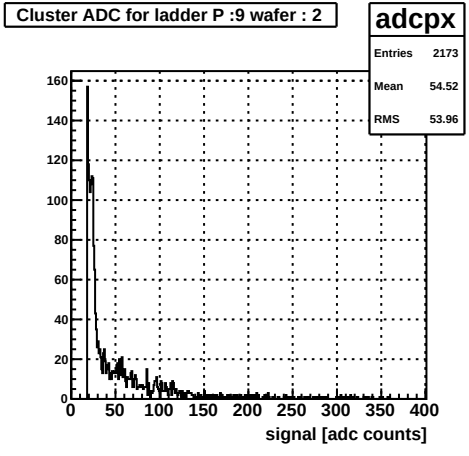

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 9956
Mean 38.04
RMS 42.24
signal [adc counts]

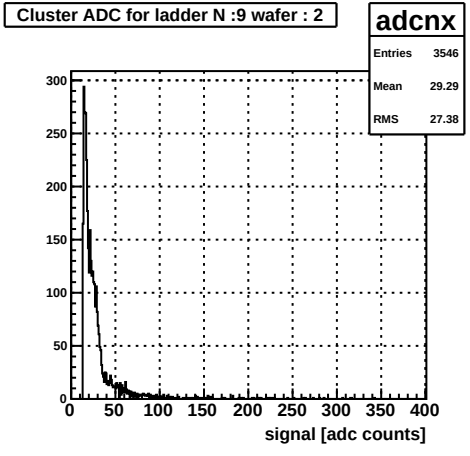

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 992
Mean 38.23
RMS 30.31
signal [adc counts]

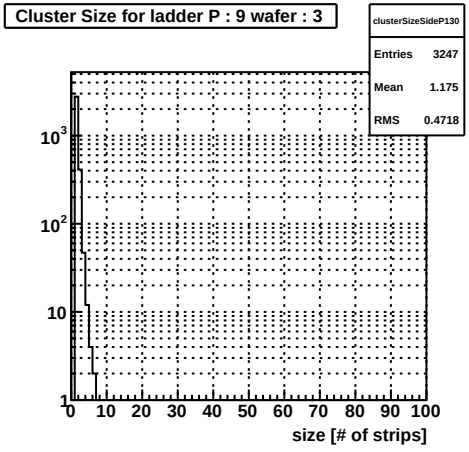

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2173
Mean 1.232
RMS 0.5779
size [# of strips]

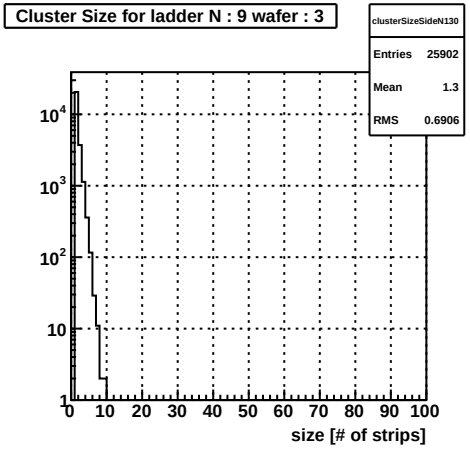

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3546
Mean 1.173
RMS 0.4825
size [# of strips]

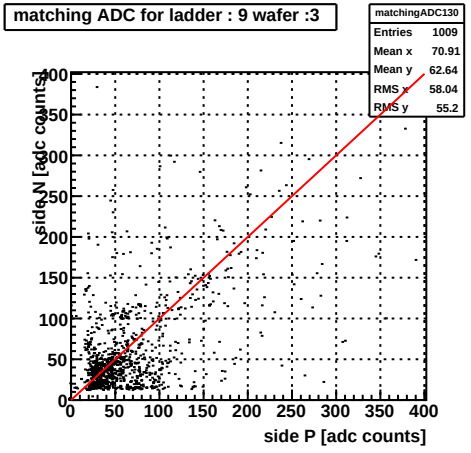

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 472
Mean x 70.57
Mean y 38.88
RMS x 54.16
RMS y 35.43
side N [adc counts]
side P [adc counts]

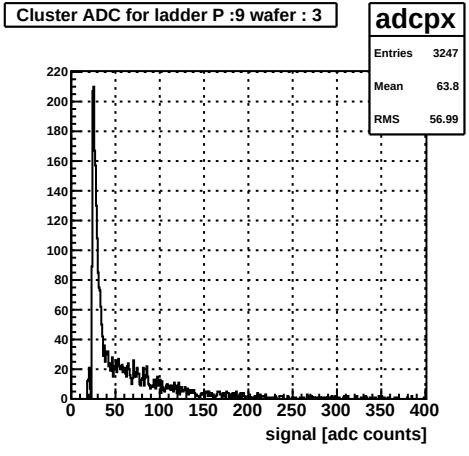

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2173
Mean 54.52
RMS 53.96
signal [adc counts]

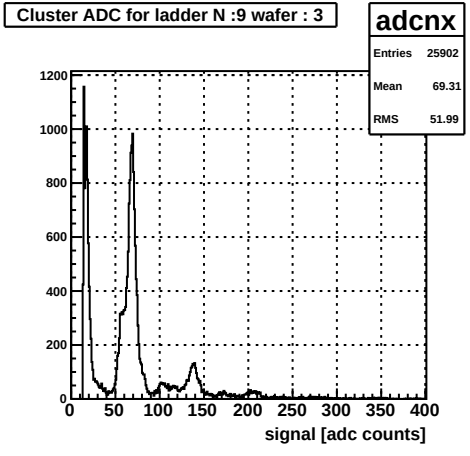

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3546
Mean 29.29
RMS 27.38
signal [adc counts]

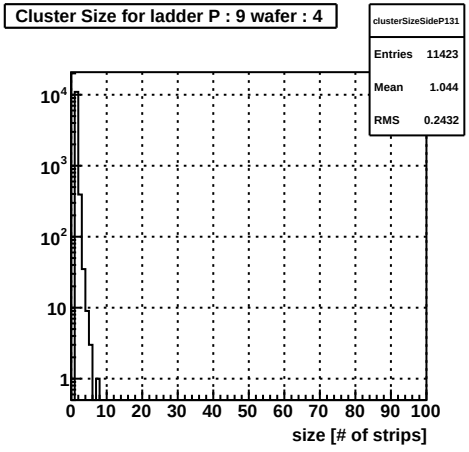

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 3247
Mean 1.175
RMS 0.4718
size [# of strips]

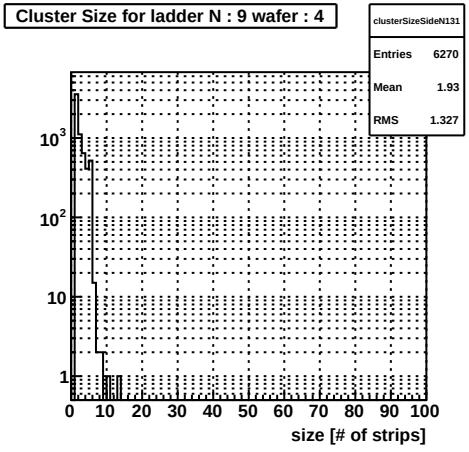

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 25902
Mean 1.3
RMS 0.6906
size [# of strips]

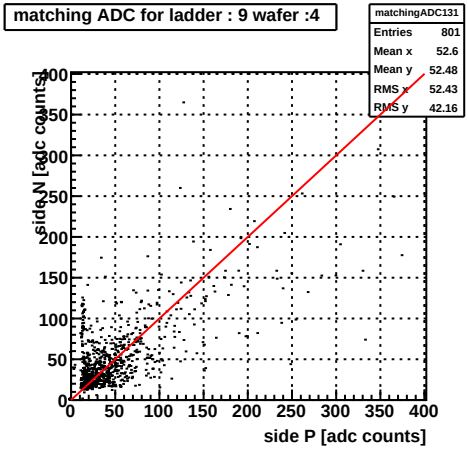

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1009
Mean x 70.91
Mean y 62.64
RMS x 58.04
RMS y 55.2
side N [adc counts]
side P [adc counts]

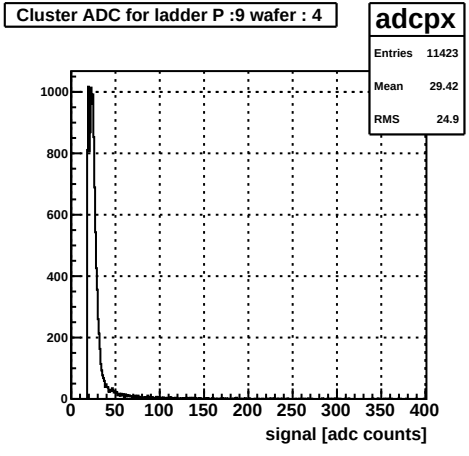

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 3247
Mean 63.8
RMS 56.99
signal [adc counts]

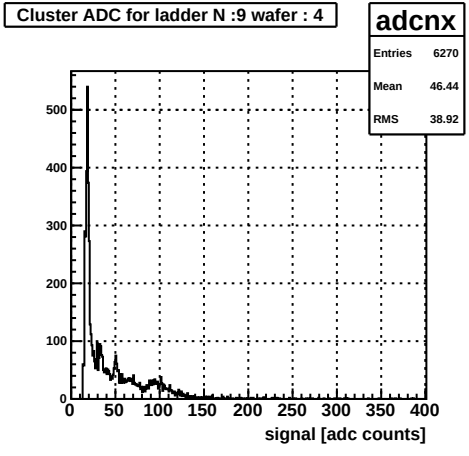

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 25902
Mean 69.31
RMS 51.99
signal [adc counts]

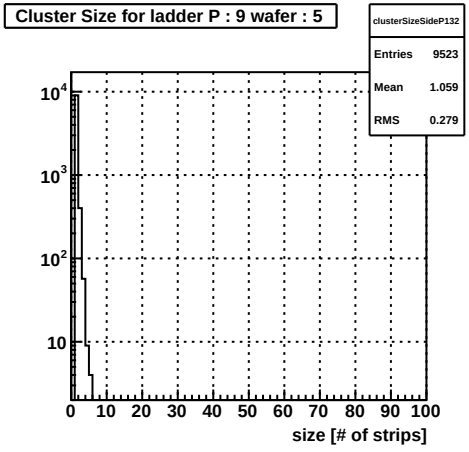

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 11423
Mean 1.044
RMS 0.2432
size [# of strips]

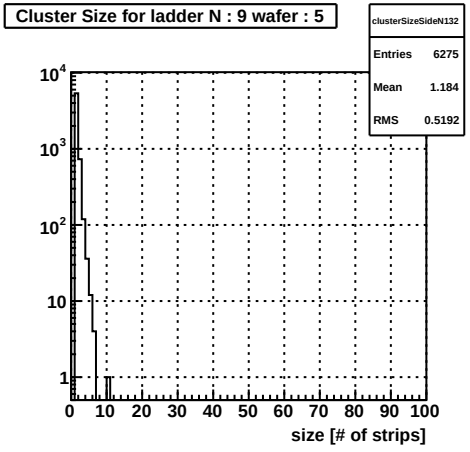

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 6270
Mean 1.93
RMS 1.327
size [# of strips]

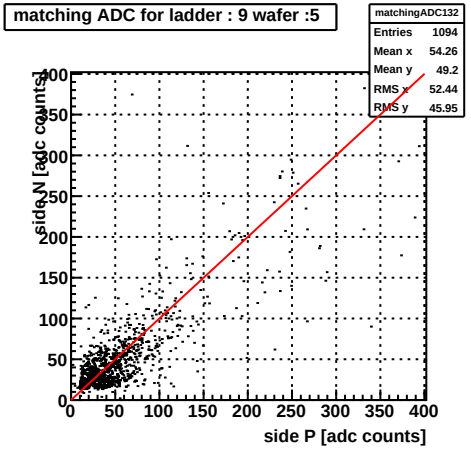

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 801
Mean x 52.6
Mean y 52.48
RMS x 52.43
RMS y 42.16
side N [adc counts]
side P [adc counts]

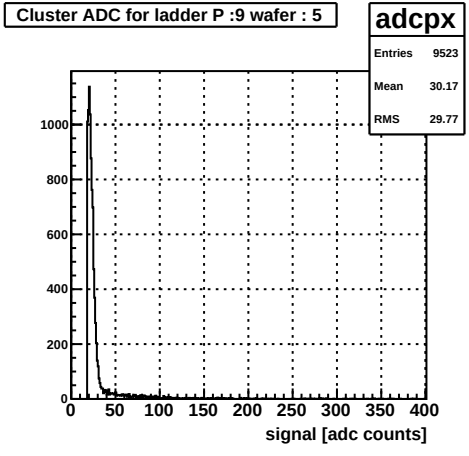

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 11423
Mean 29.42
RMS 24.9
signal [adc counts]

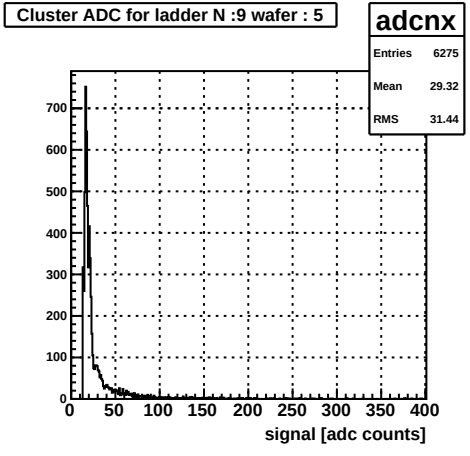

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 6270
Mean 46.44
RMS 38.92
signal [adc counts]

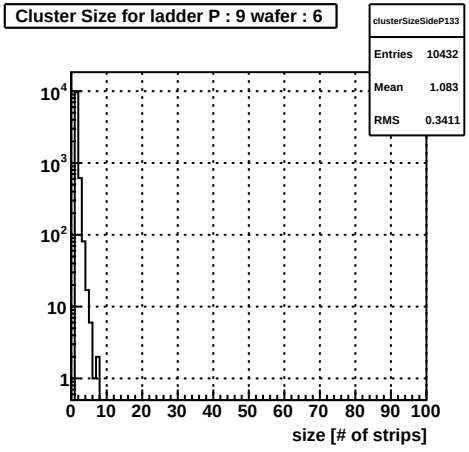

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 9523
Mean 1.059
RMS 0.279
size [# of strips]

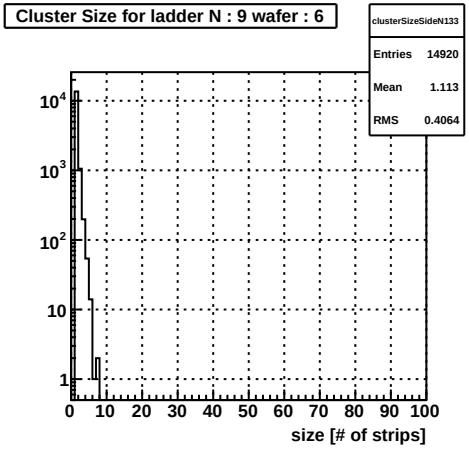

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 6275
Mean 1.184
RMS 0.5192
size [# of strips]

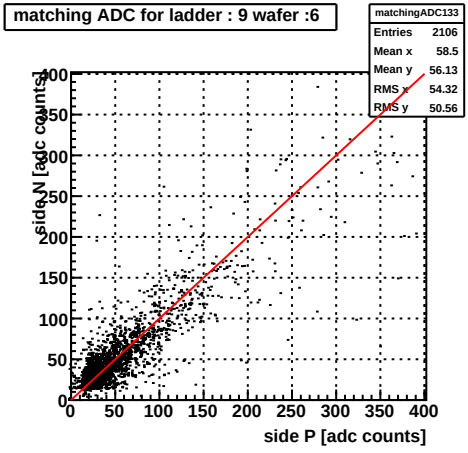

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1094
Mean x 54.26
Mean y 49.2
RMS x 52.44
RMS y 45.95
side N [adc counts]
side P [adc counts]

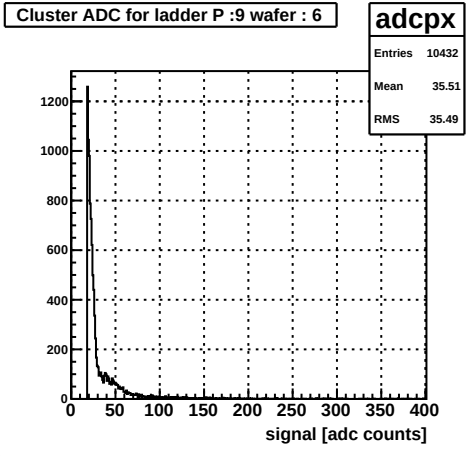

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 9523
Mean 30.17
RMS 29.77
signal [adc counts]

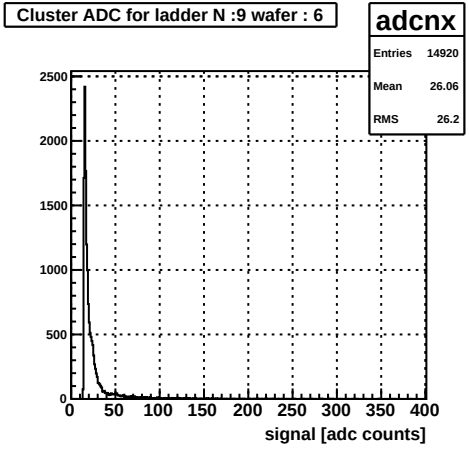

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 6275
Mean 29.32
RMS 31.44
signal [adc counts]

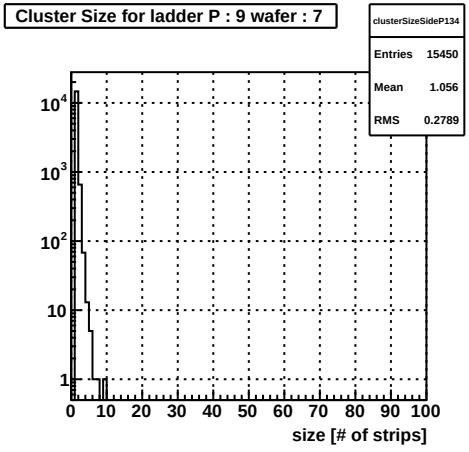

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 10432
Mean 1.083
RMS 0.3411
size [# of strips]

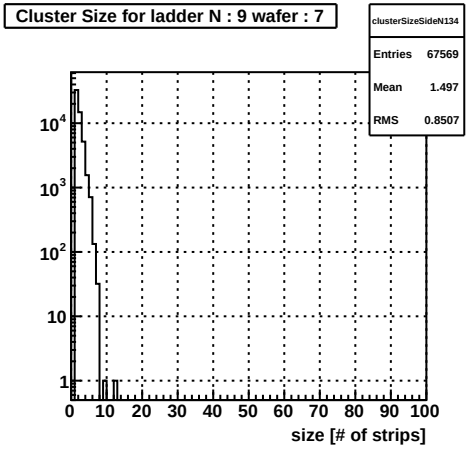

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 14920
Mean 1.113
RMS 0.4064
size [# of strips]

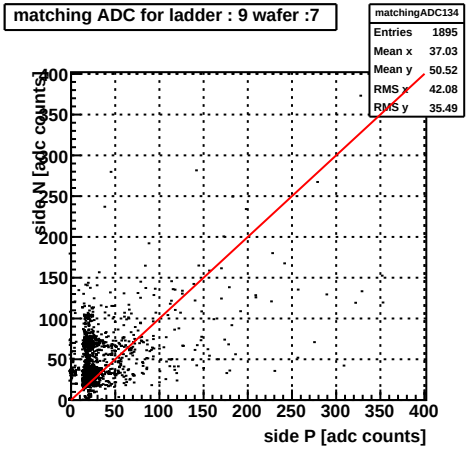

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 2106
Mean x 58.5
Mean y 56.13
RMS x 54.32
RMS y 50.56
side N [adc counts]
side P [adc counts]

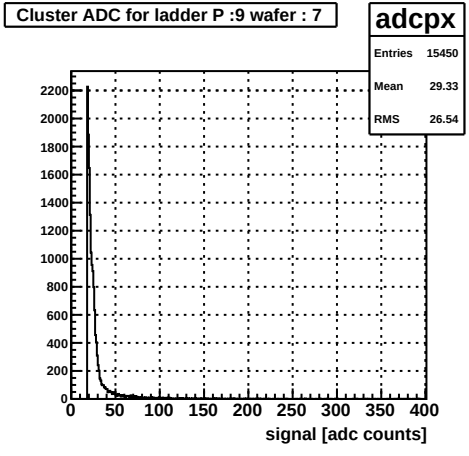

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 10432
Mean 35.51
RMS 35.49
signal [adc counts]

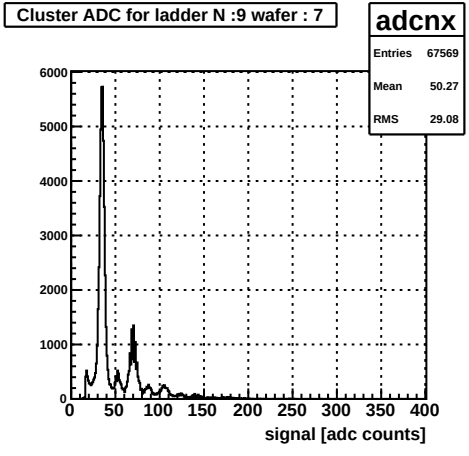

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 14920
Mean 26.06
RMS 26.2
signal [adc counts]

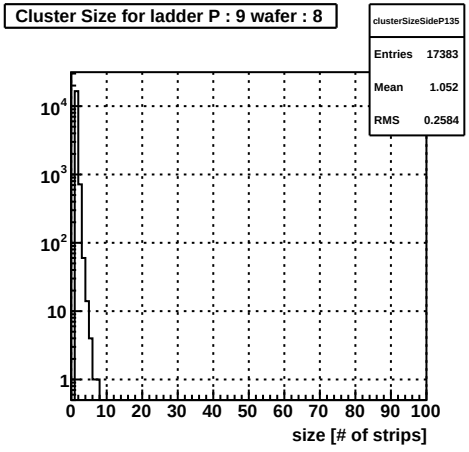

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 15450
Mean 1.056
RMS 0.2789
size [# of strips]

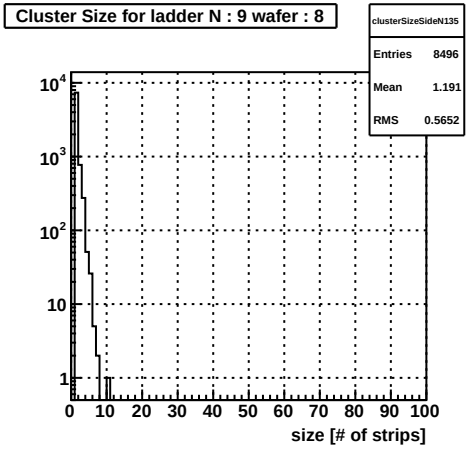

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 67569
Mean 1.497
RMS 0.8507
size [# of strips]

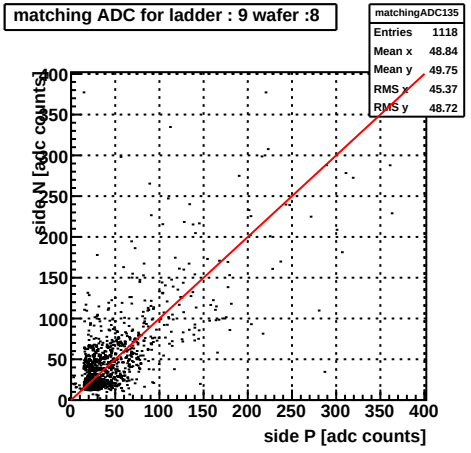

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1895
Mean x 37.03
Mean y 50.52
RMS x 42.08
RMS y 35.49
side N [adc counts]
side P [adc counts]

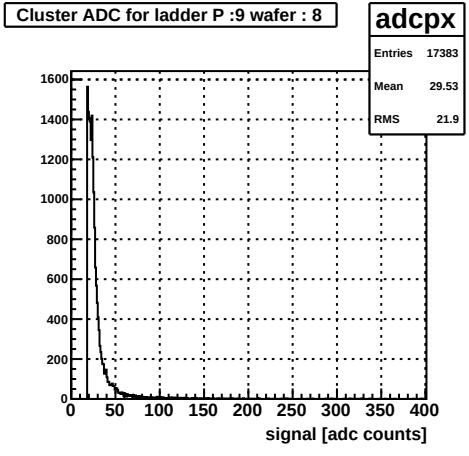

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 15450
Mean 29.33
RMS 26.54
signal [adc counts]

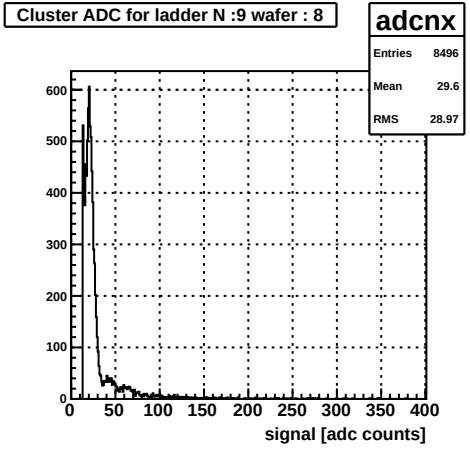

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 67569
Mean 50.27
RMS 29.08
signal [adc counts]

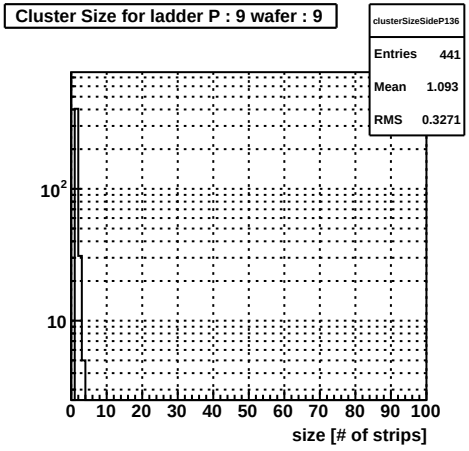

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 17383
Mean 1.052
RMS 0.2584
size [# of strips]

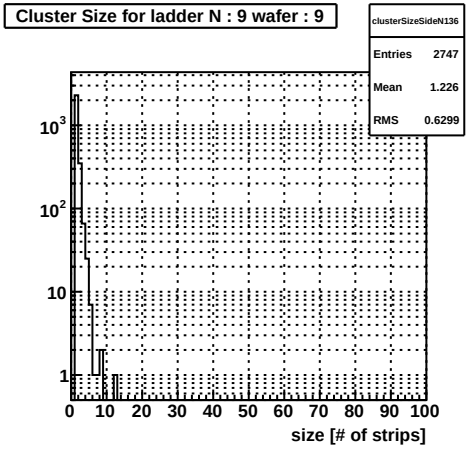

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 8496
Mean 1.191
RMS 0.5652
size [# of strips]

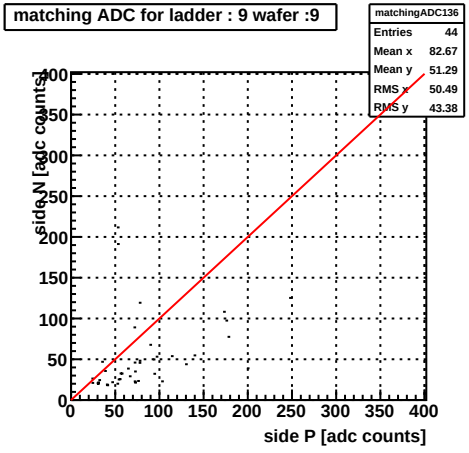

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1118
Mean x 48.84
Mean y 49.75
RMS x 45.37
RMS y 48.72
side N [adc counts]
side P [adc counts]

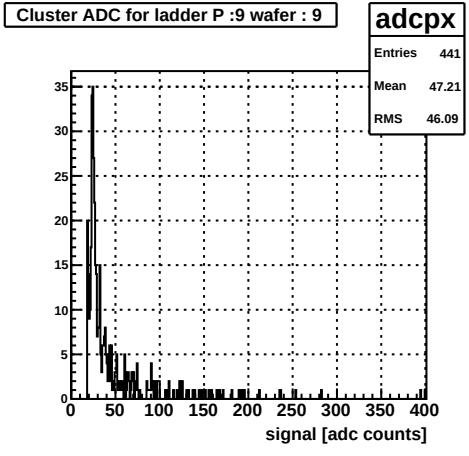

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 17383
Mean 29.53
RMS 21.9
signal [adc counts]

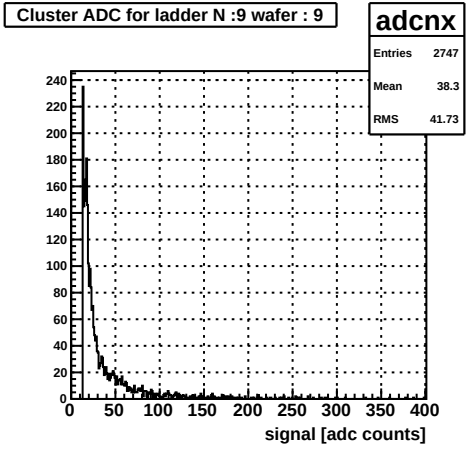

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 8496
Mean 29.6
RMS 28.97
signal [adc counts]

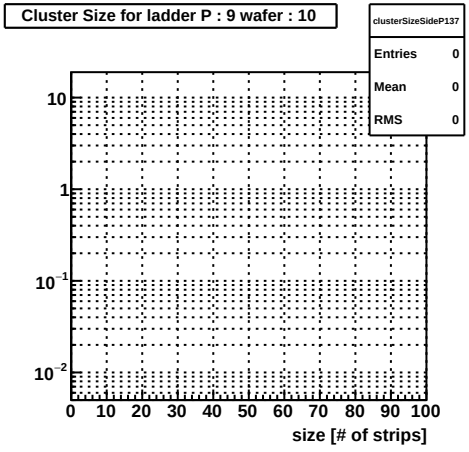

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 441
Mean 1.093
RMS 0.3271
size [# of strips]

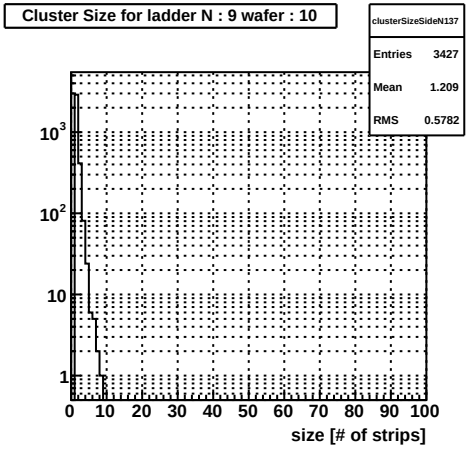

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2747
Mean 1.226
RMS 0.6299
size [# of strips]

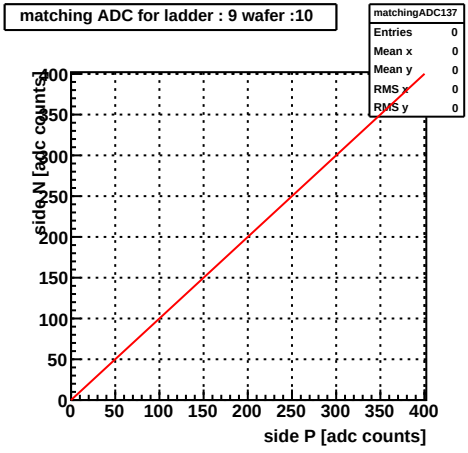

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 44
Mean x 82.67
Mean y 51.29
RMS x 50.49
RMS y 43.38
side N [adc counts]
side P [adc counts]

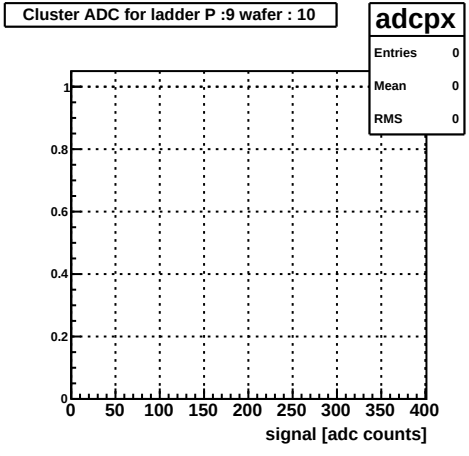

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 441
Mean 47.21
RMS 46.09
signal [adc counts]

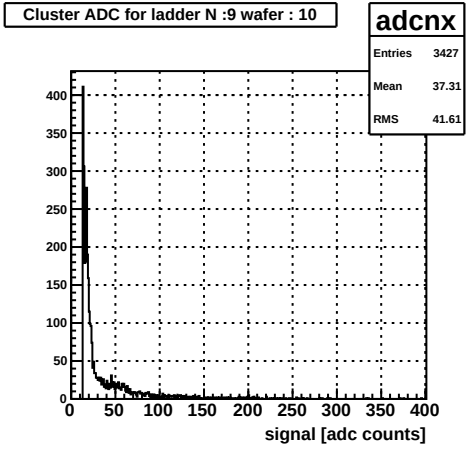

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2747
Mean 38.3
RMS 41.73
signal [adc counts]

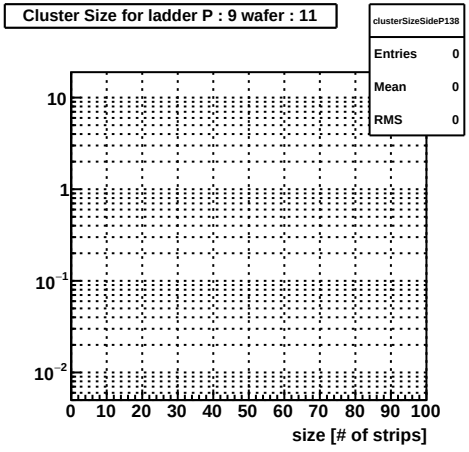

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

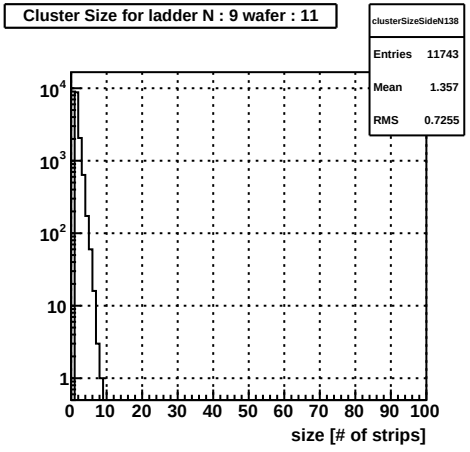

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 3427
Mean 1.209
RMS 0.5782
size [# of strips]

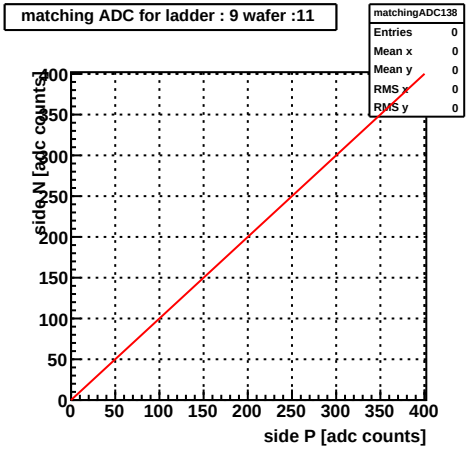

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

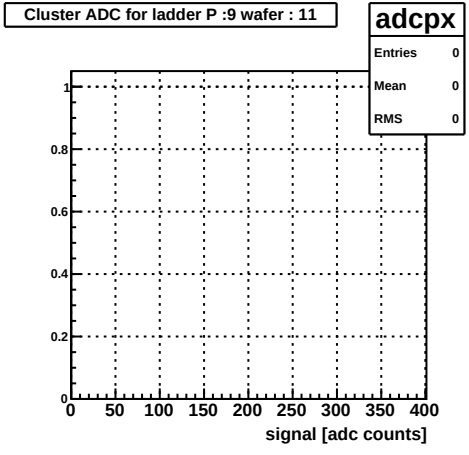

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

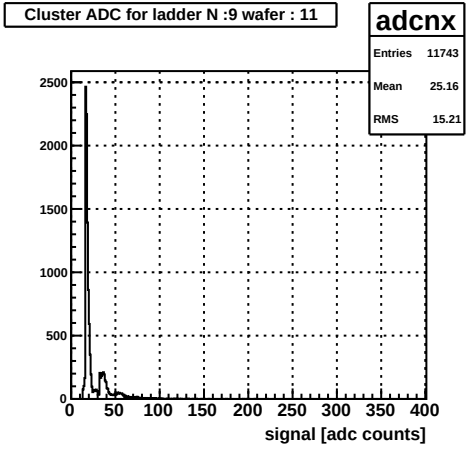

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 3427
Mean 37.31
RMS 41.61
signal [adc counts]

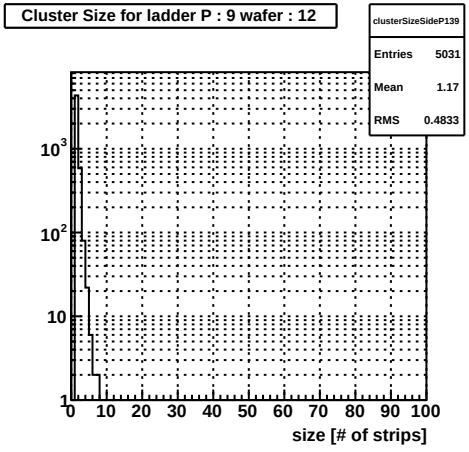

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

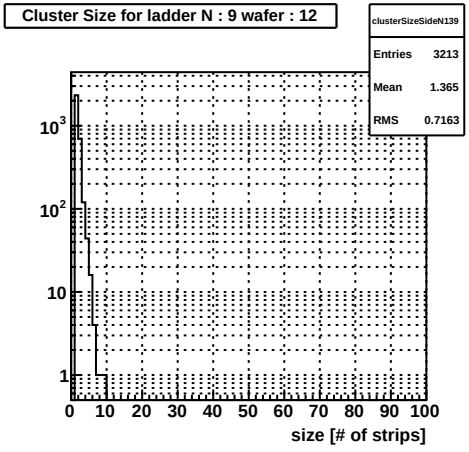

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 11743
Mean 1.357
RMS 0.7255
size [# of strips]

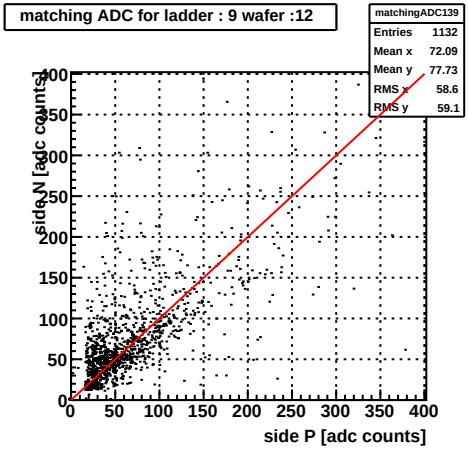

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

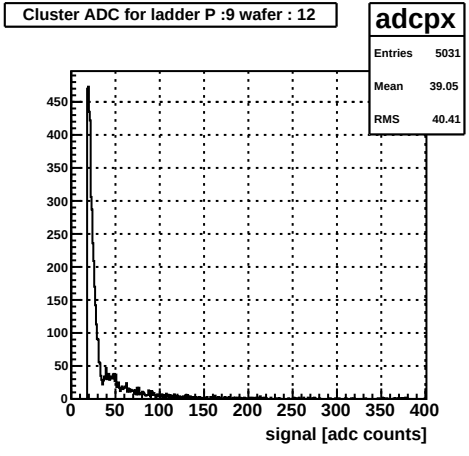

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

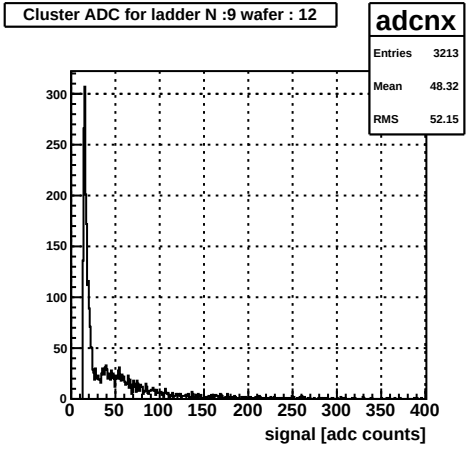

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 11743
Mean 25.16
RMS 15.21
signal [adc counts]

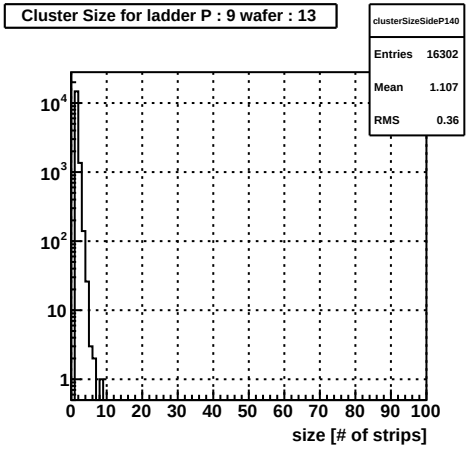

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 5031
Mean 1.17
RMS 0.4833
size [# of strips]

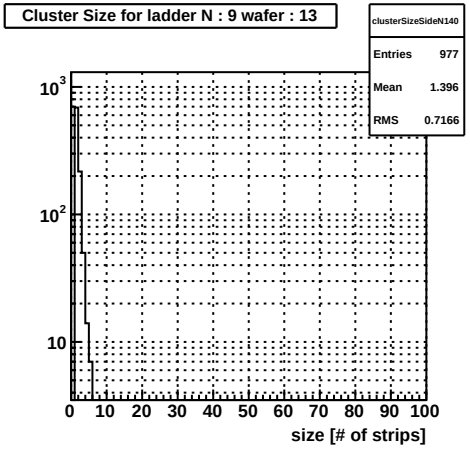

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3213
Mean 1.365
RMS 0.7163
size [# of strips]

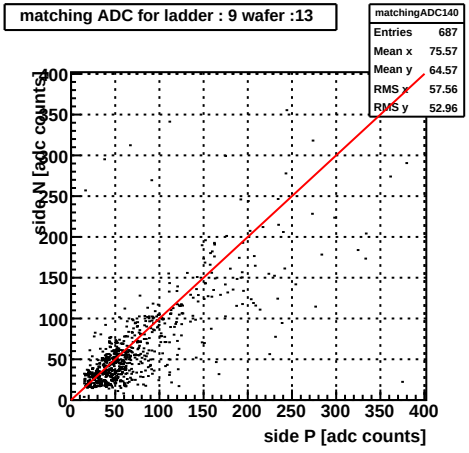

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1132
Mean x 72.09
Mean y 77.73
RMS x 58.6
RMS y 59.1
side N [adc counts]
side P [adc counts]

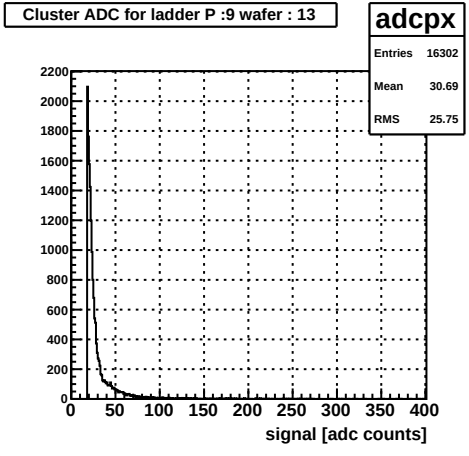

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 5031
Mean 39.05
RMS 40.41
signal [adc counts]

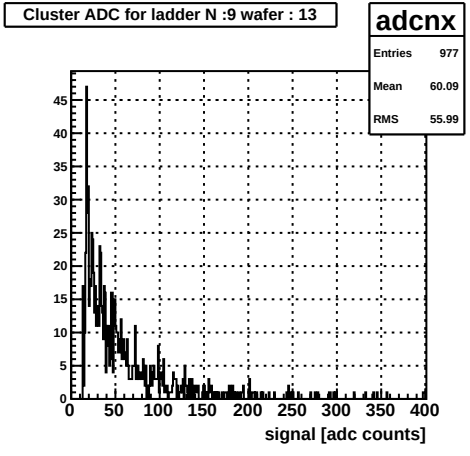

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3213
Mean 48.32
RMS 52.15
signal [adc counts]

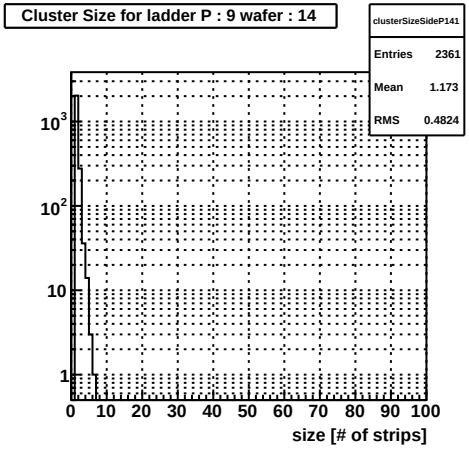

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 16302
Mean 1.107
RMS 0.36
size [# of strips]

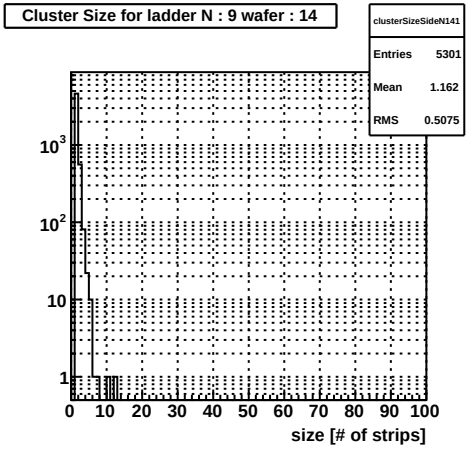

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 977
Mean 1.396
RMS 0.7166
size [# of strips]

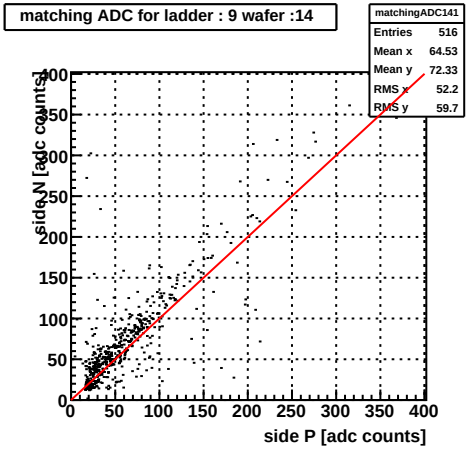

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 687
Mean x 75.57
Mean y 64.57
RMS x 57.56
RMS y 52.96
side N [adc counts]
side P [adc counts]

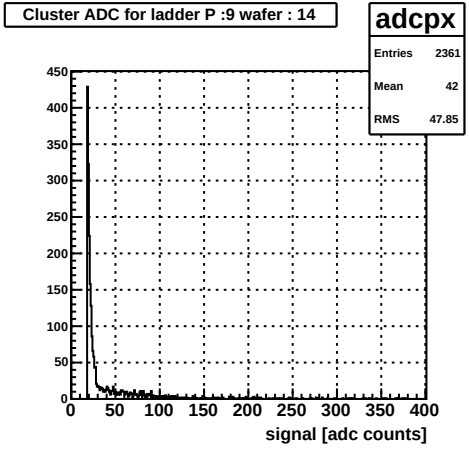

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 16302
Mean 30.69
RMS 25.75
signal [adc counts]

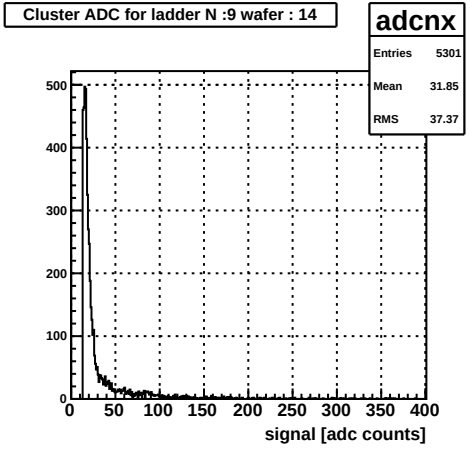

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 977
Mean 60.09
RMS 55.99
signal [adc counts]

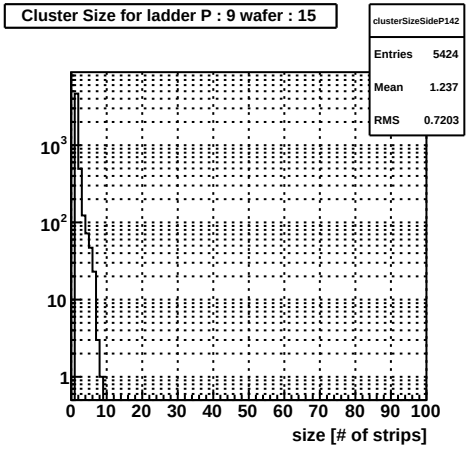

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 2361
Mean 1.173
RMS 0.4824
size [# of strips]

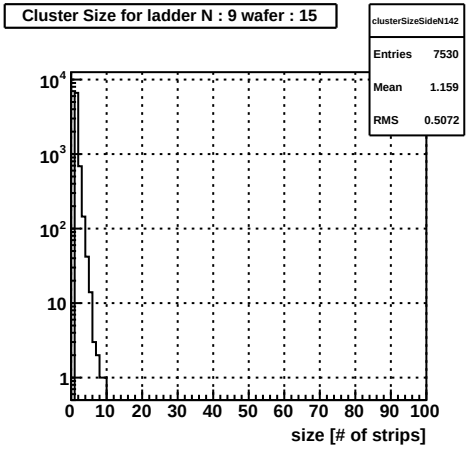

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 5301
Mean 1.162
RMS 0.5075
size [# of strips]

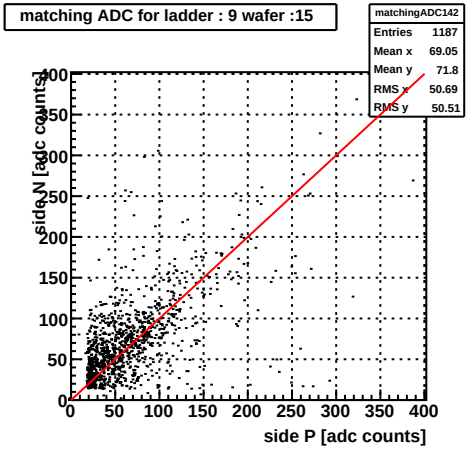

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 516
Mean x 64.53
Mean y 72.33
RMS x 52.2
RMS y 59.7
side N [adc counts]
side P [adc counts]

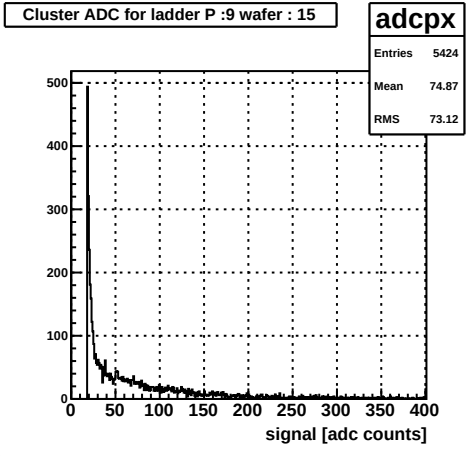

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 2361
Mean 42
RMS 47.85
signal [adc counts]

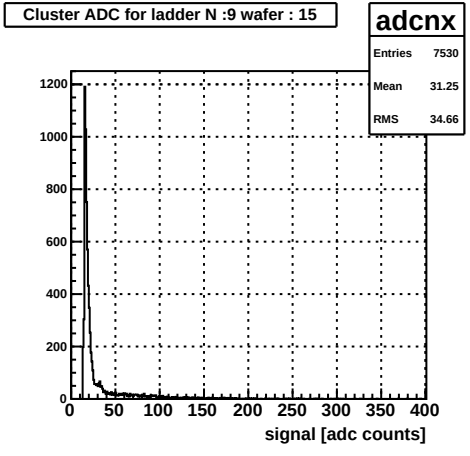

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 5301
Mean 31.85
RMS 37.37
signal [adc counts]

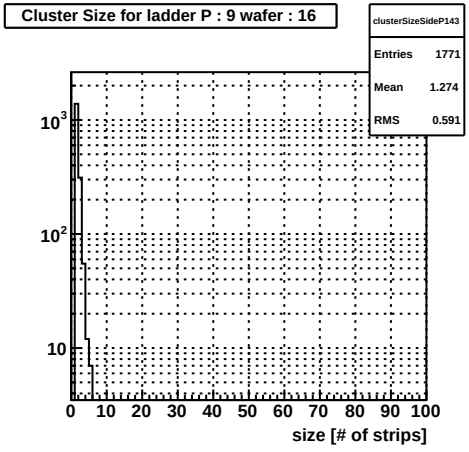

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5424
Mean 1.237
RMS 0.7203
size [# of strips]

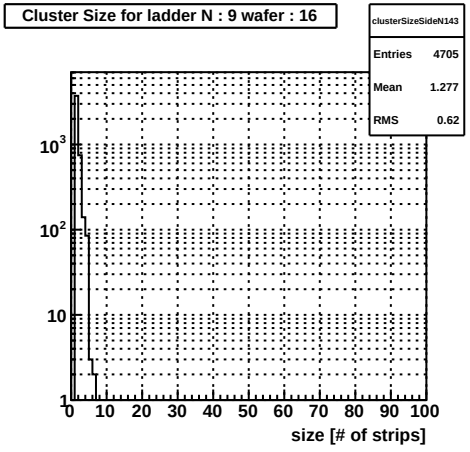

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 7530
Mean 1.159
RMS 0.5072
size [# of strips]

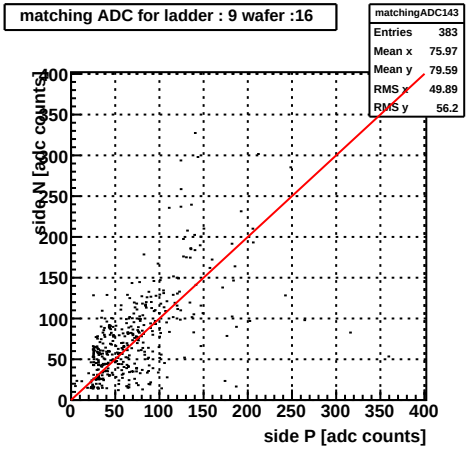

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1187
Mean x 69.05
Mean y 71.8
RMS x 50.69
RMS y 50.51
side N [adc counts]
side P [adc counts]

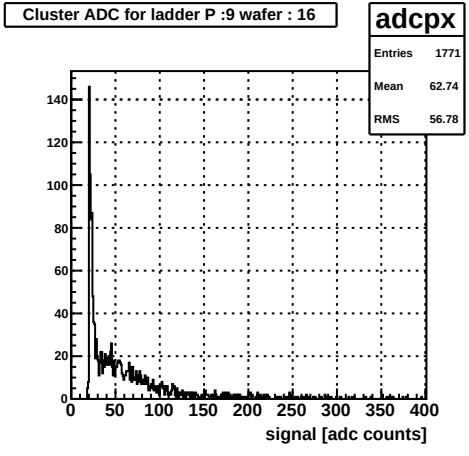

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5424
Mean 74.87
RMS 73.12
signal [adc counts]

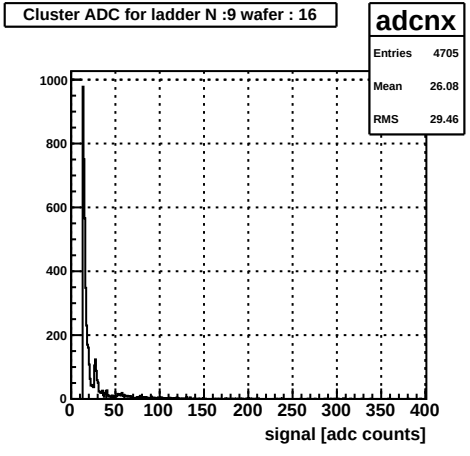

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 7530
Mean 31.25
RMS 34.66
signal [adc counts]

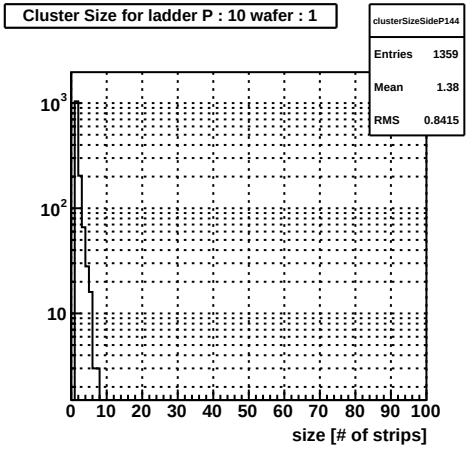

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1771
Mean 1.274
RMS 0.591
size [# of strips]

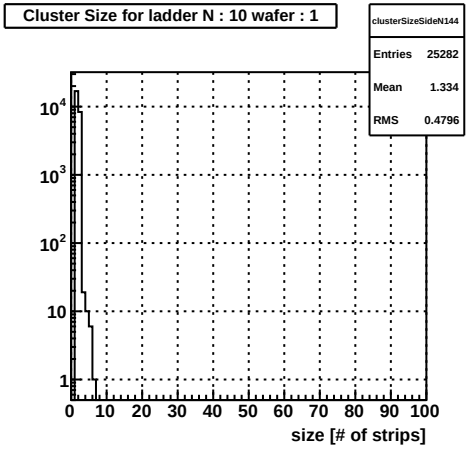

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 4705
Mean 1.277
RMS 0.62
size [# of strips]

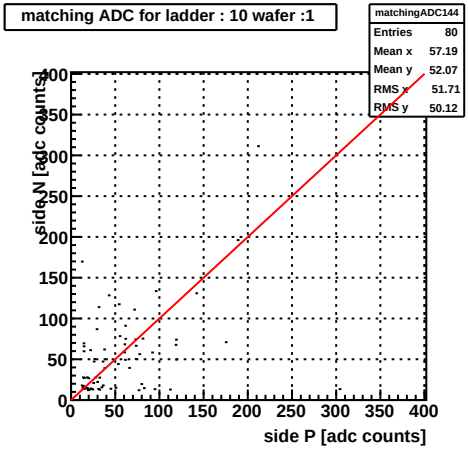

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 383
Mean x 75.97
Mean y 79.59
RMS x 49.89
RMS y 56.2
side N [adc counts]
side P [adc counts]

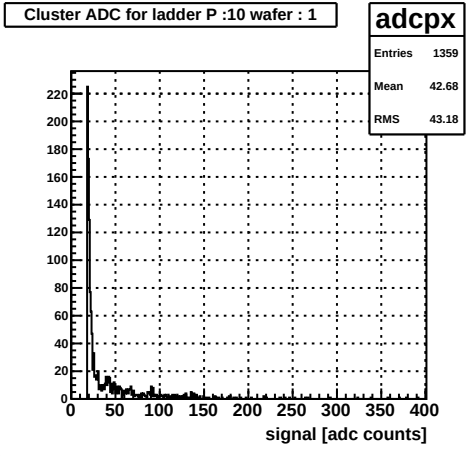

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1771
Mean 62.74
RMS 56.78
signal [adc counts]

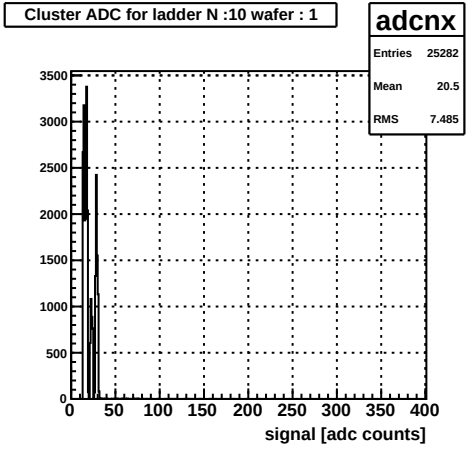

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 4705
Mean 26.08
RMS 29.46
signal [adc counts]

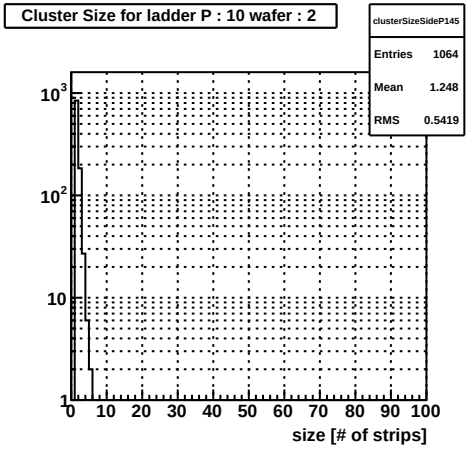

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 1359
Mean 1.38
RMS 0.8415
size [# of strips]

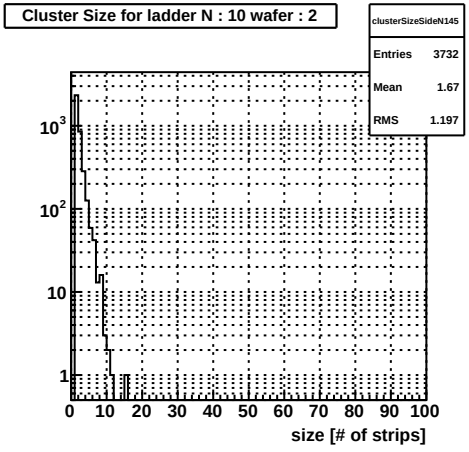

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 25282
Mean 1.334
RMS 0.4796
size [# of strips]

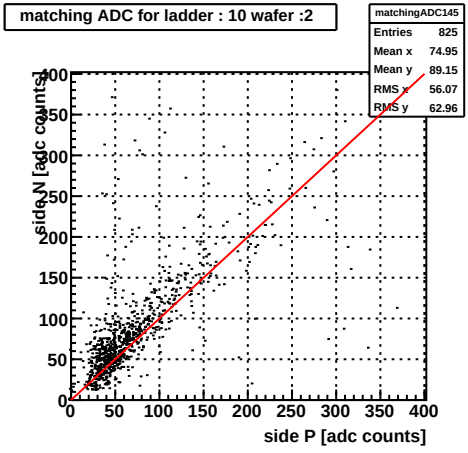

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 80
Mean x 57.19
Mean y 52.07
RMS x 51.71
RMS y 50.12
side N [adc counts]
side P [adc counts]

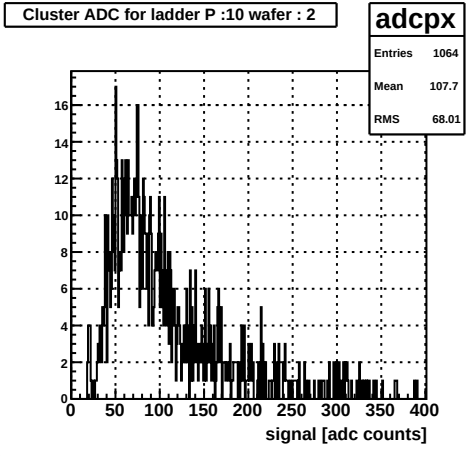

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 1359
Mean 42.68
RMS 43.18
signal [adc counts]

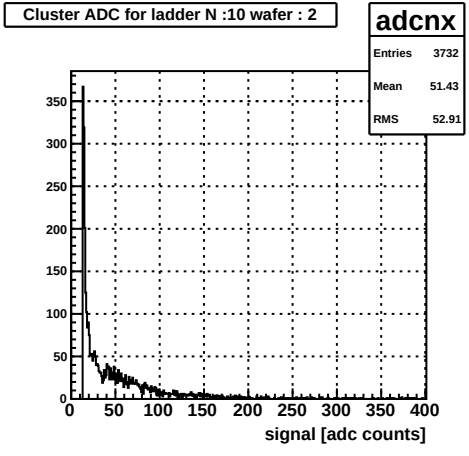

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 25282
Mean 20.5
RMS 7.485
signal [adc counts]

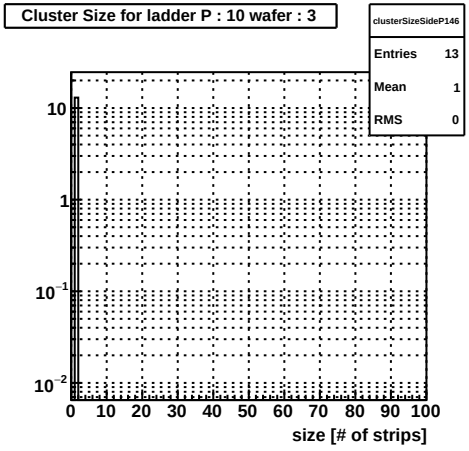

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1064
Mean 1.248
RMS 0.5419
size [# of strips]

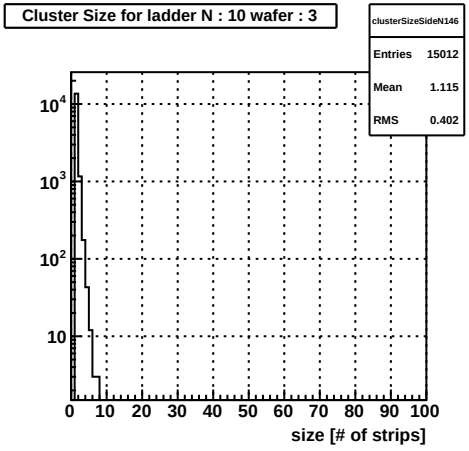

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3732
Mean 1.67
RMS 1.197
size [# of strips]

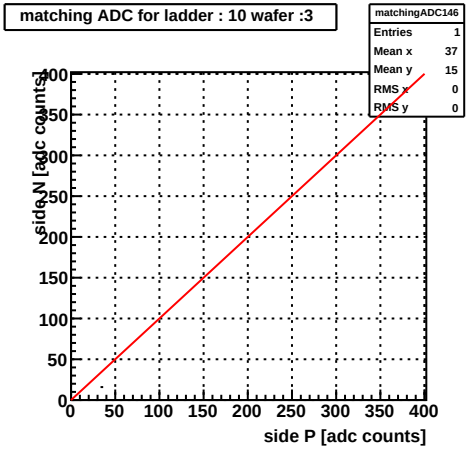

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 825
Mean x 74.95
Mean y 89.15
RMS x 56.07
RMS y 62.96
side N [adc counts]
side P [adc counts]

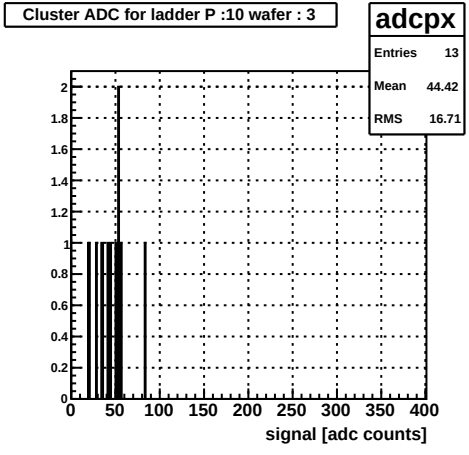

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1064
Mean 107.7
RMS 68.01
signal [adc counts]

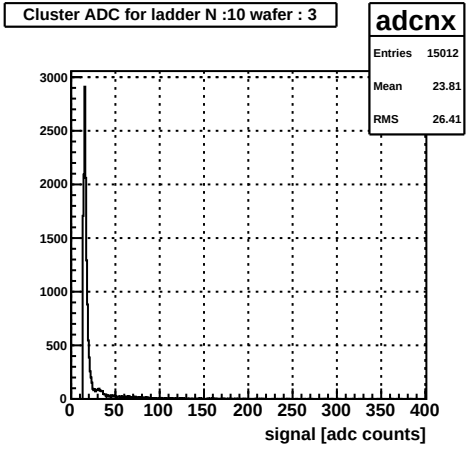

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3732
Mean 51.43
RMS 52.91
signal [adc counts]

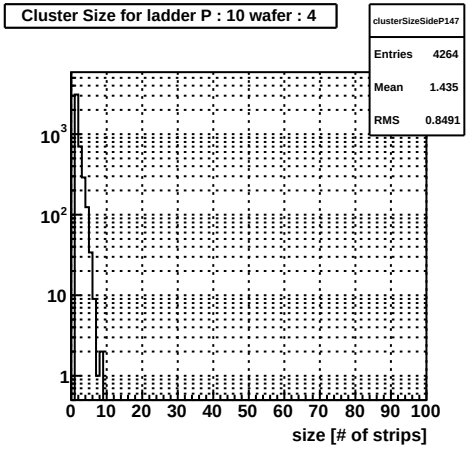

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 13
Mean 1
RMS 0
size [# of strips]

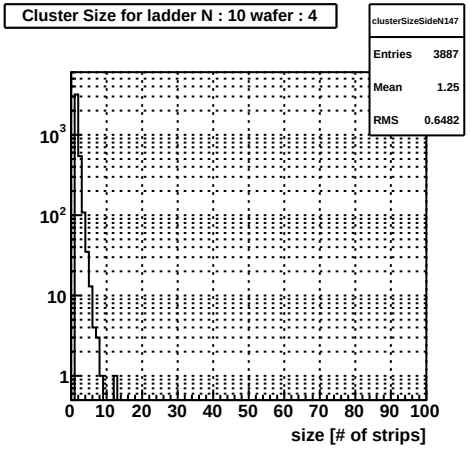

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 15012
Mean 1.115
RMS 0.402
size [# of strips]

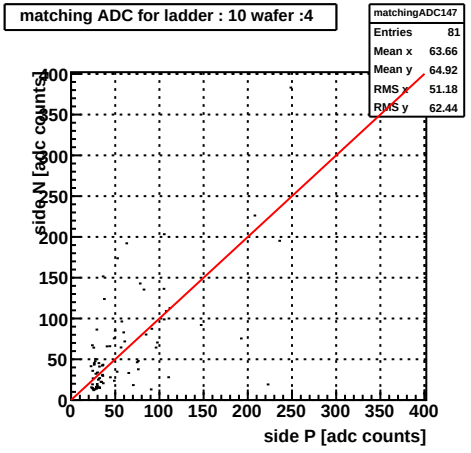

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 1
Mean x 37
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

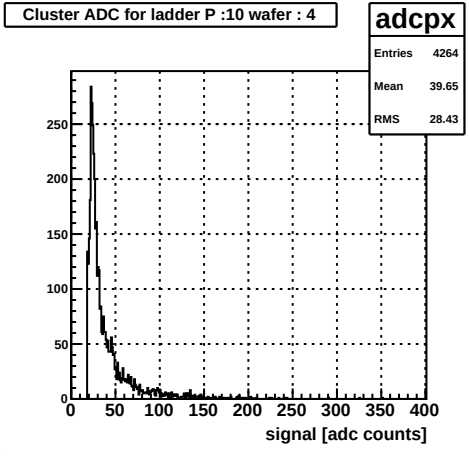

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 13
Mean 44.42
RMS 16.71
signal [adc counts]

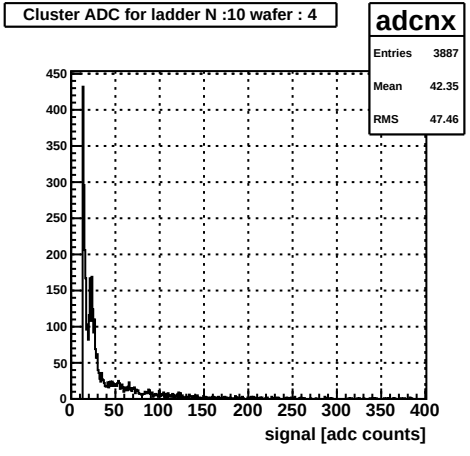

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 15012
Mean 23.81
RMS 26.41
signal [adc counts]

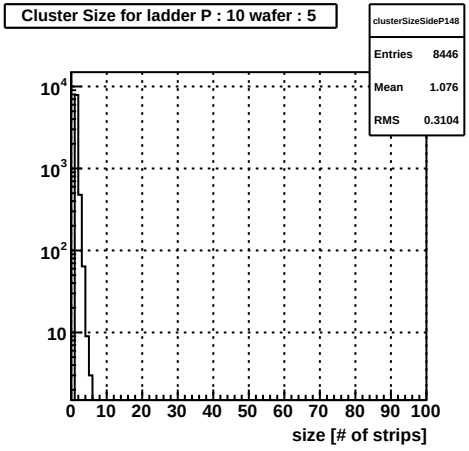

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 4264
Mean 1.435
RMS 0.8491
size [# of strips]

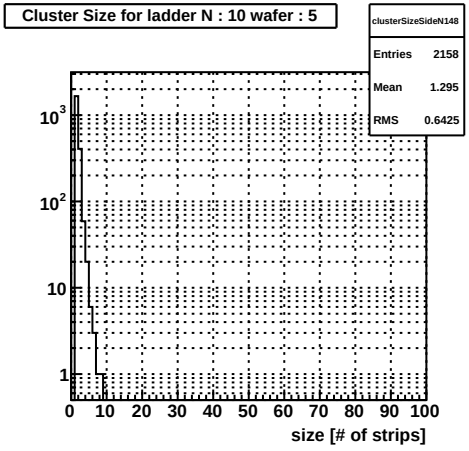

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 3887
Mean 1.25
RMS 0.6482
size [# of strips]

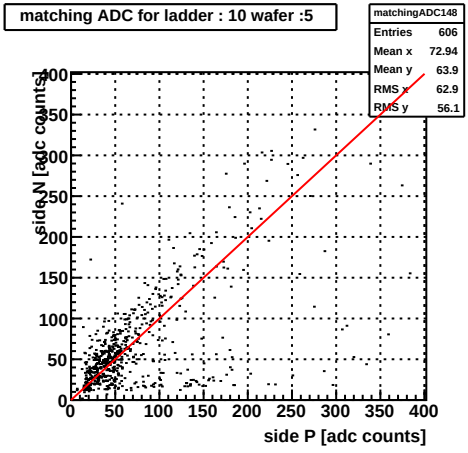

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 81
Mean x 63.66
Mean y 64.92
RMS x 51.18
RMS y 62.44
side N [adc counts]
side P [adc counts]

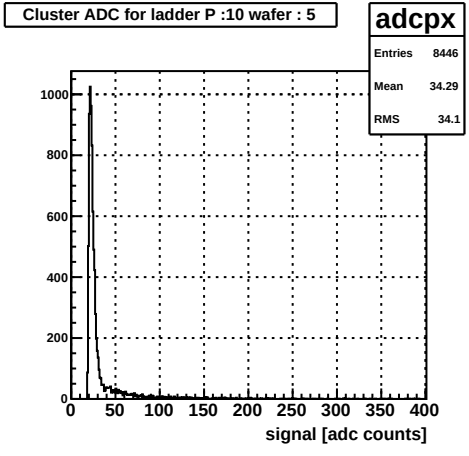

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 4264
Mean 39.65
RMS 28.43
signal [adc counts]

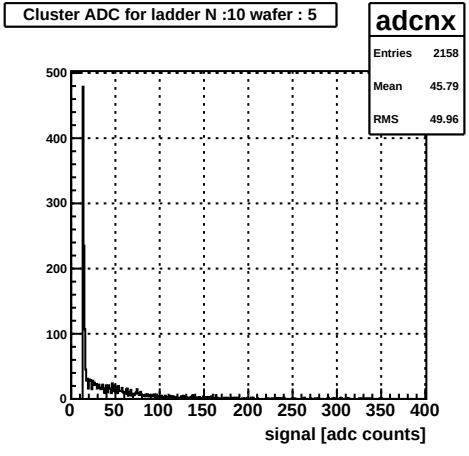

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 3887
Mean 42.35
RMS 47.46
signal [adc counts]

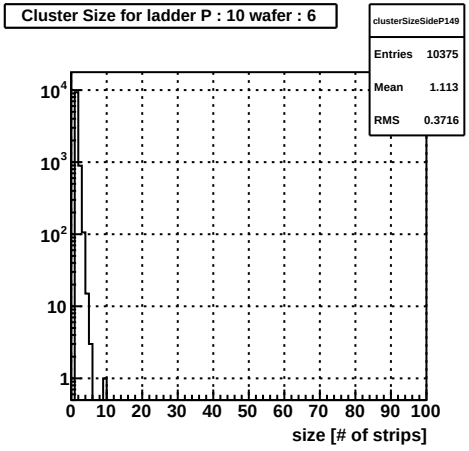

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 8446
Mean 1.076
RMS 0.3104
size [# of strips]

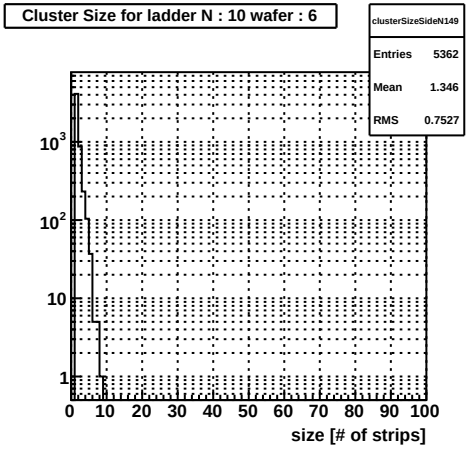

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2158
Mean 1.295
RMS 0.6425
size [# of strips]

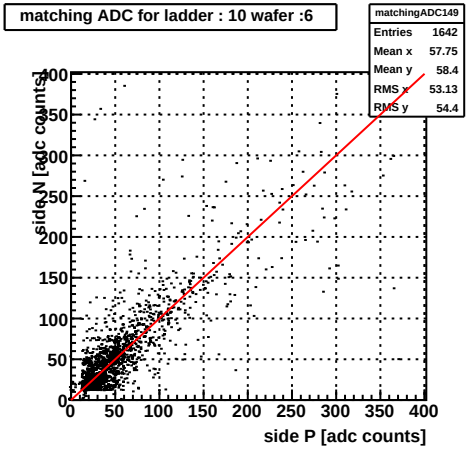

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 606
Mean x 72.94
Mean y 63.9
RMS x 62.9
RMS y 56.1
side N [adc counts]
side P [adc counts]

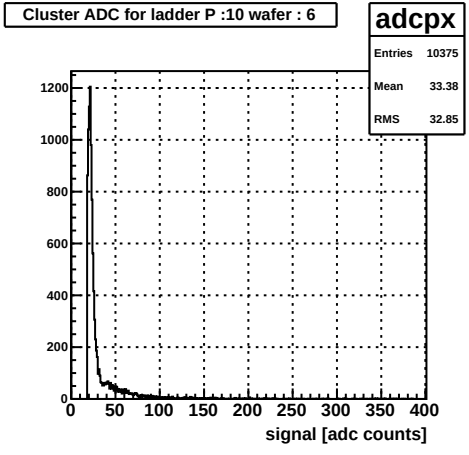

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 8446
Mean 34.29
RMS 34.1
signal [adc counts]

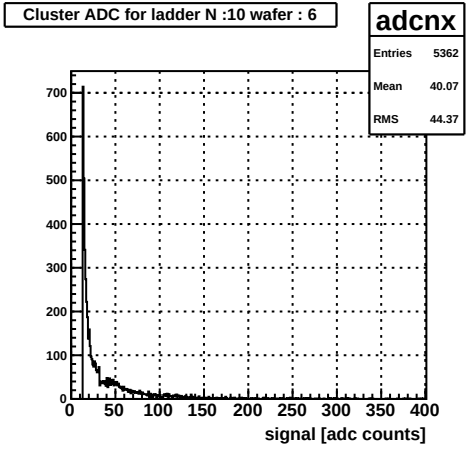

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2158
Mean 45.79
RMS 49.96
signal [adc counts]

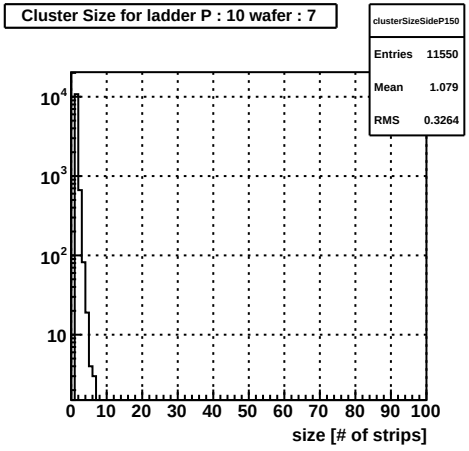

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 10375
Mean 1.113
RMS 0.3716
size [# of strips]

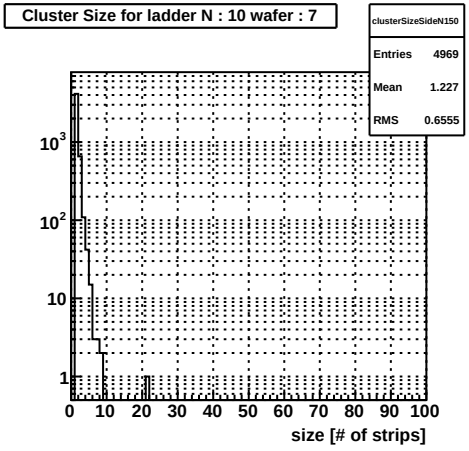

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 5362
Mean 1.346
RMS 0.7527
size [# of strips]

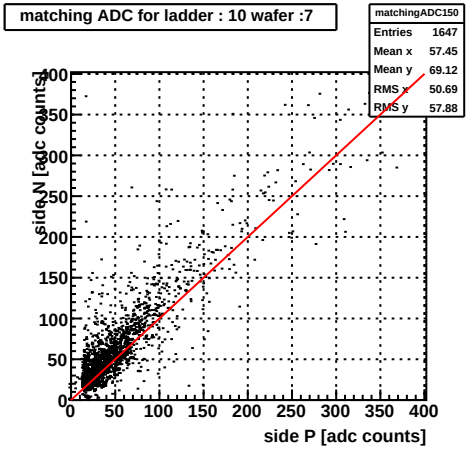

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1642
Mean x 57.75
Mean y 58.4
RMS x 53.13
RMS y 54.4
side N [adc counts]
side P [adc counts]

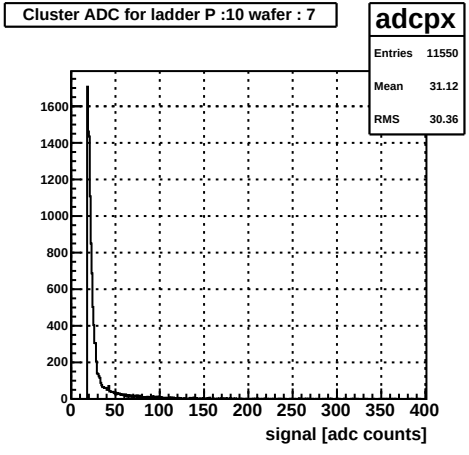

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 10375
Mean 33.38
RMS 32.85
signal [adc counts]

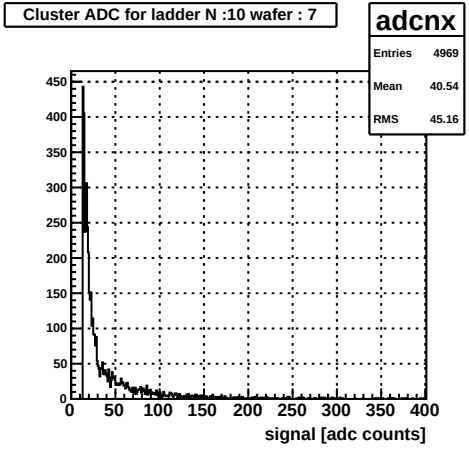

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 5362
Mean 40.07
RMS 44.37
signal [adc counts]

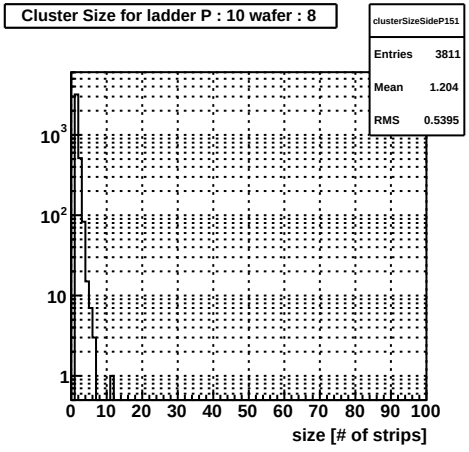

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 11550
Mean 1.079
RMS 0.3264
size [# of strips]

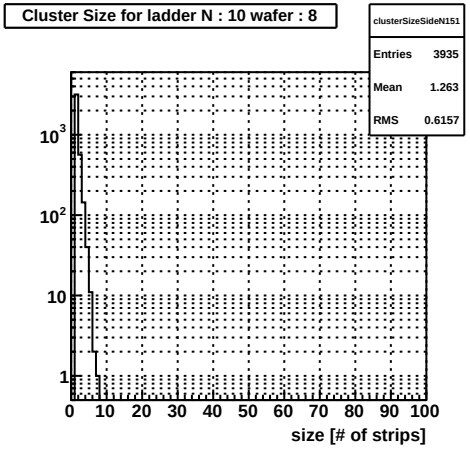

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4969
Mean 1.227
RMS 0.6555
size [# of strips]

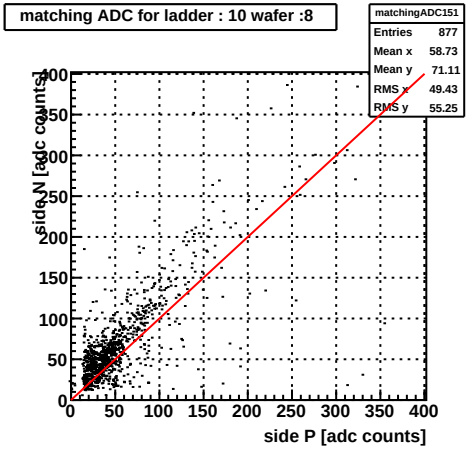

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1647
Mean x 57.45
Mean y 69.12
RMS x 50.69
RMS y 57.88
side N [adc counts]
side P [adc counts]

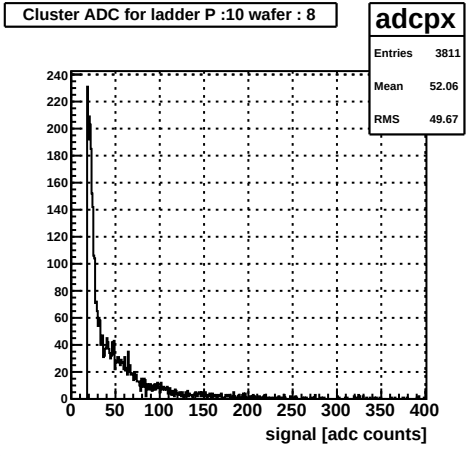

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 11550
Mean 31.12
RMS 30.36
signal [adc counts]

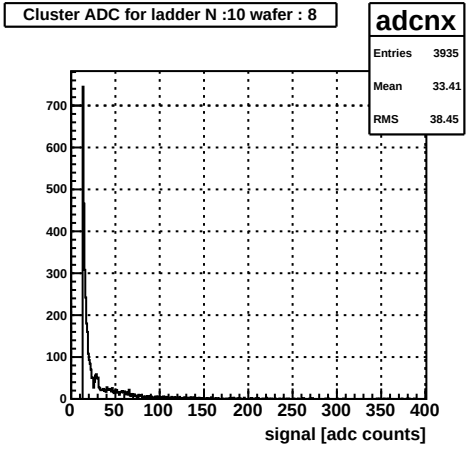

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4969
Mean 40.54
RMS 45.16
signal [adc counts]

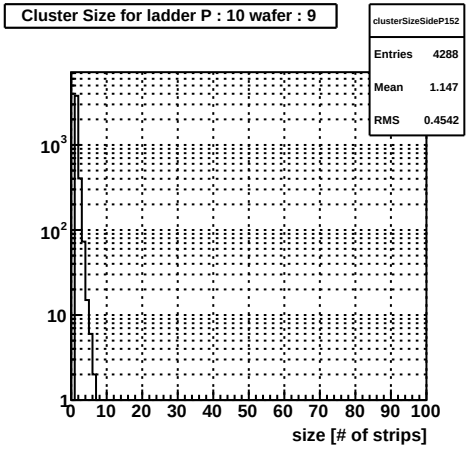

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3811
Mean 1.204
RMS 0.5395
size [# of strips]

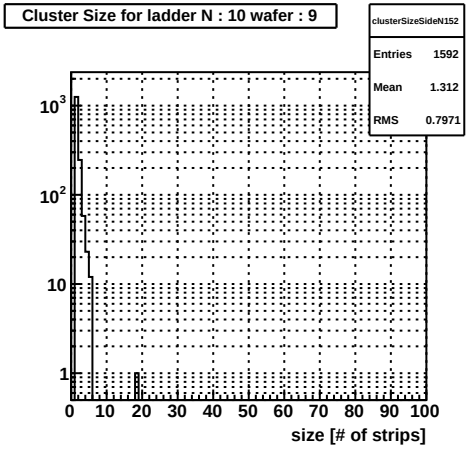

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 3935
Mean 1.263
RMS 0.6157
size [# of strips]

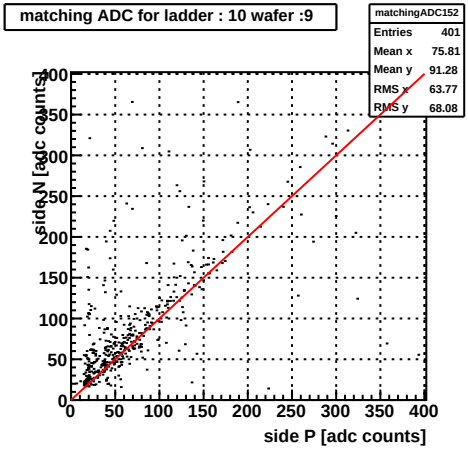

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 877
Mean x 58.73
Mean y 71.11
RMS x 49.43
RMS y 55.25
side N [adc counts]
side P [adc counts]

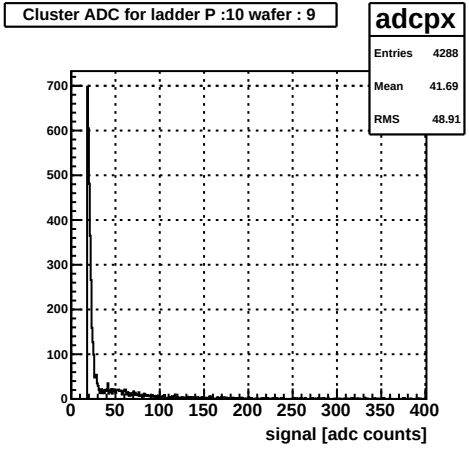

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3811
Mean 52.06
RMS 49.67
signal [adc counts]

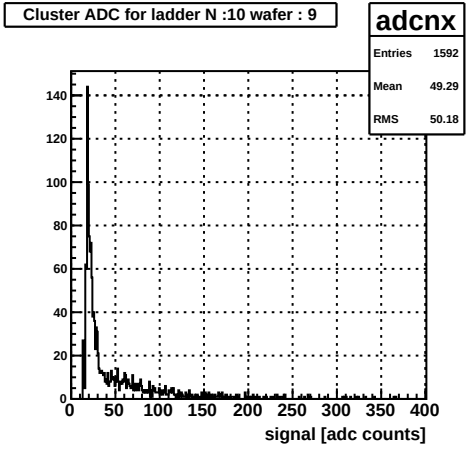

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 3935
Mean 33.41
RMS 38.45
signal [adc counts]

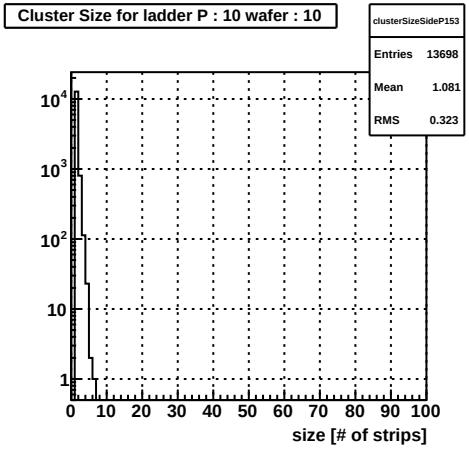

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 4288
Mean 1.147
RMS 0.4542
size [# of strips]

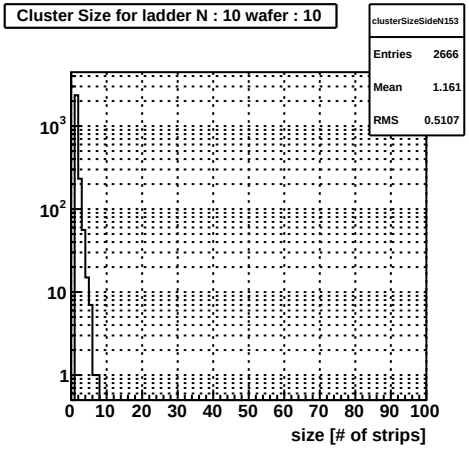

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1592
Mean 1.312
RMS 0.7971
size [# of strips]

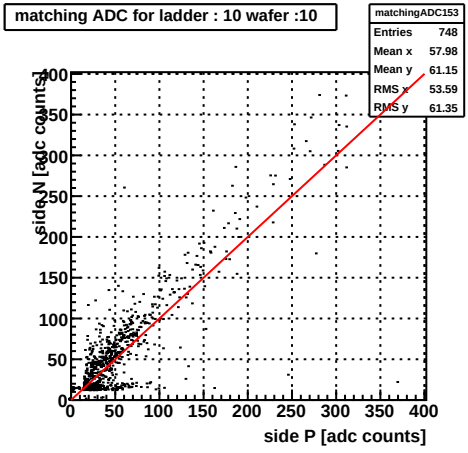

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 401
Mean x 75.81
Mean y 91.28
RMS x 63.77
RMS y 68.08
side N [adc counts]
side P [adc counts]

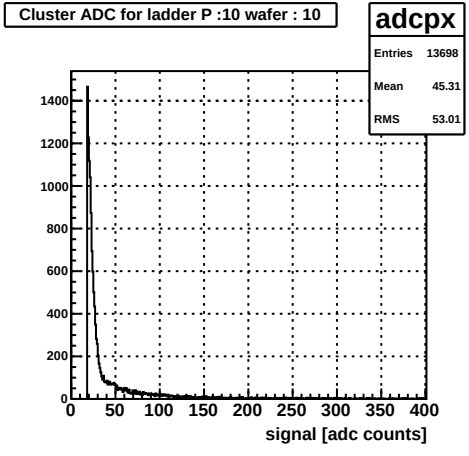

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 4288
Mean 41.69
RMS 48.91
signal [adc counts]

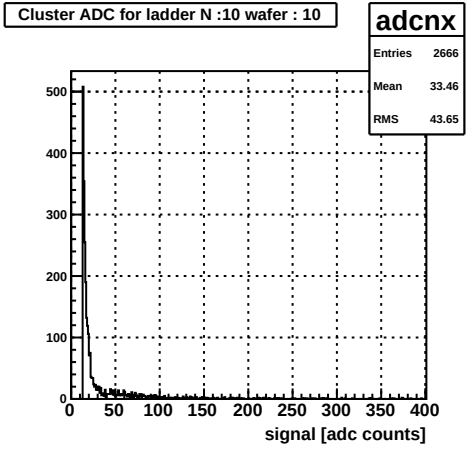

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1592
Mean 49.29
RMS 50.18
signal [adc counts]

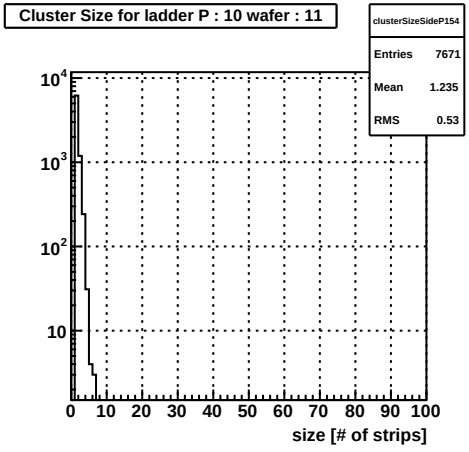

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 13698
Mean 1.081
RMS 0.323
size [# of strips]

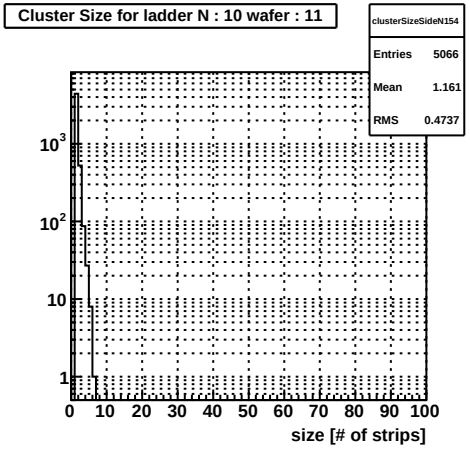

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2666
Mean 1.161
RMS 0.5107
size [# of strips]

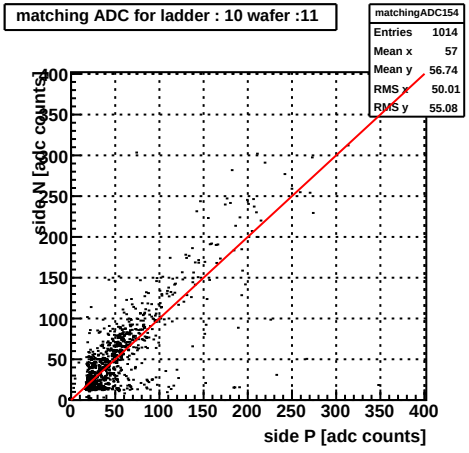

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 748
Mean x 57.98
Mean y 61.15
RMS x 53.59
RMS y 61.35
side N [adc counts]
side P [adc counts]

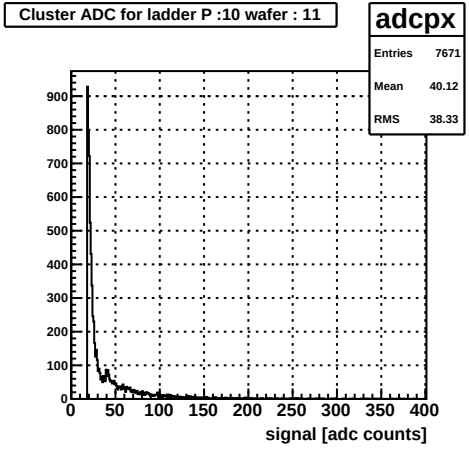

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 13698
Mean 45.31
RMS 53.01
signal [adc counts]

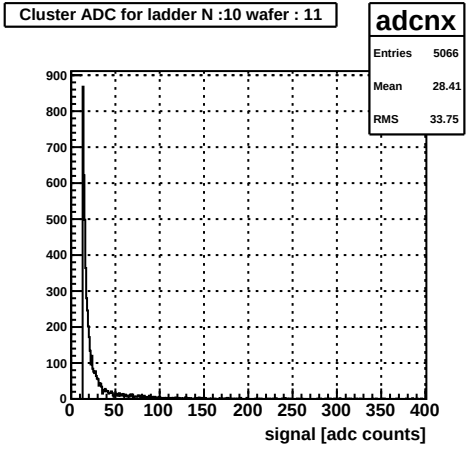

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2666
Mean 33.46
RMS 43.65
signal [adc counts]

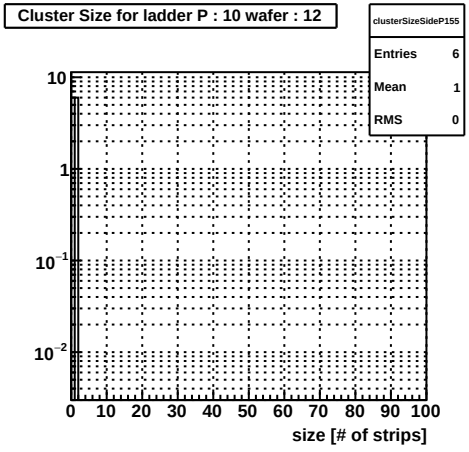

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 7671
Mean 1.235
RMS 0.53
size [# of strips]

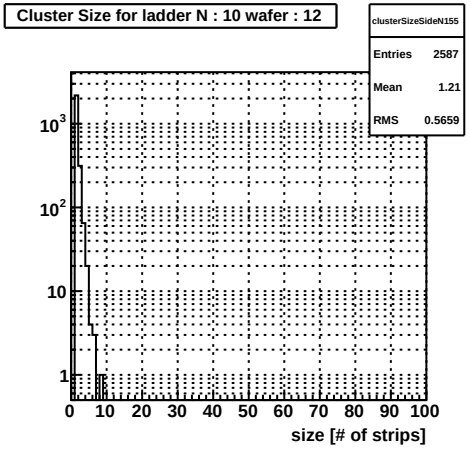

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 5066
Mean 1.161
RMS 0.4737
size [# of strips]

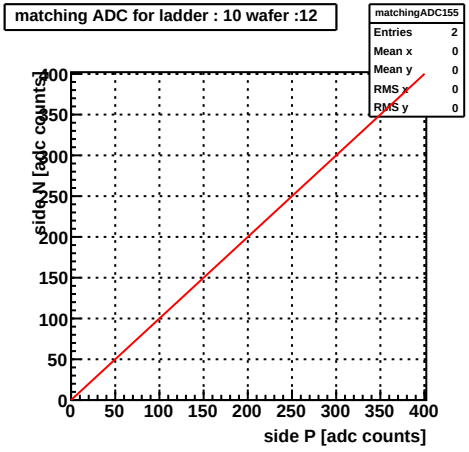

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 1014
Mean x 57
Mean y 56.74
RMS x 50.01
RMS y 55.08
side N [adc counts]
side P [adc counts]

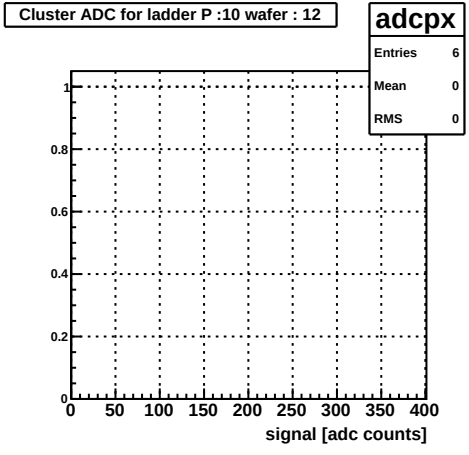

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 7671
Mean 40.12
RMS 38.33
signal [adc counts]

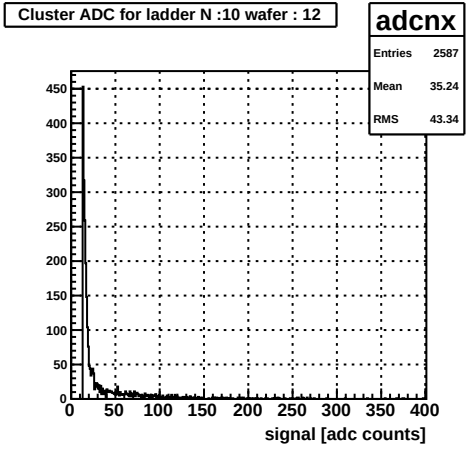

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 5066
Mean 28.41
RMS 33.75
signal [adc counts]

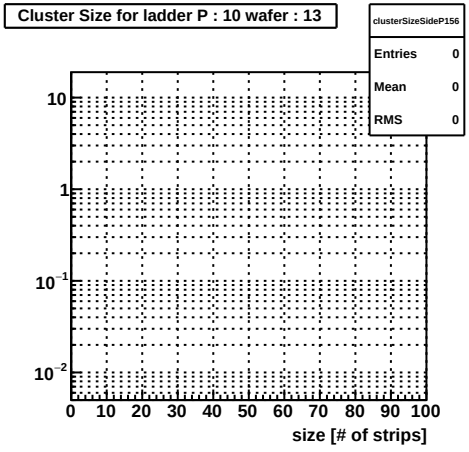

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 6
Mean 1
RMS 0
size [# of strips]

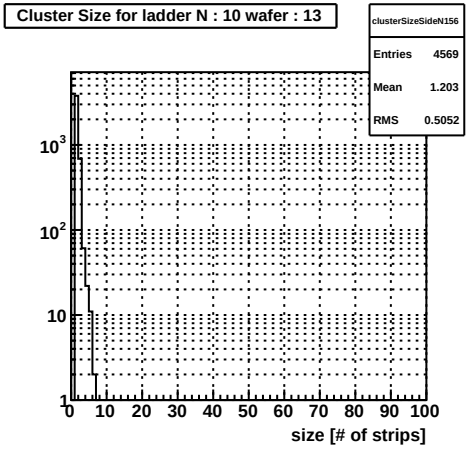

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2587
Mean 1.21
RMS 0.5659
size [# of strips]

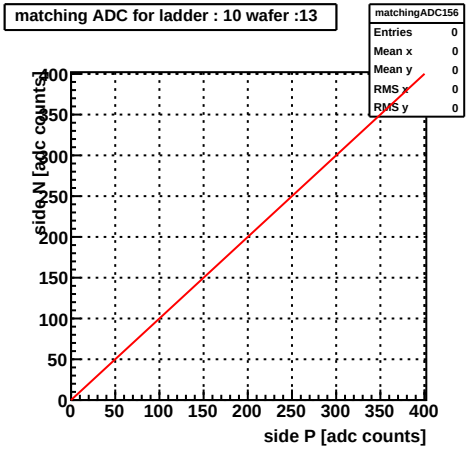

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

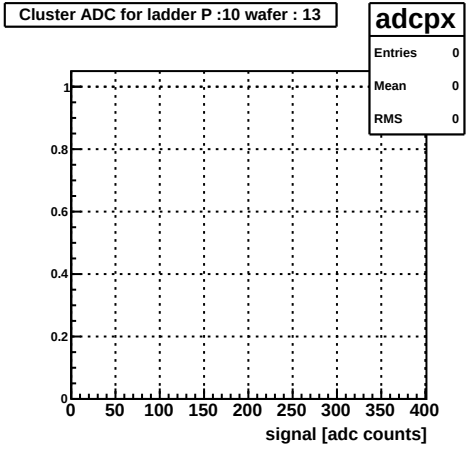

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 6
Mean 0
RMS 0
signal [adc counts]

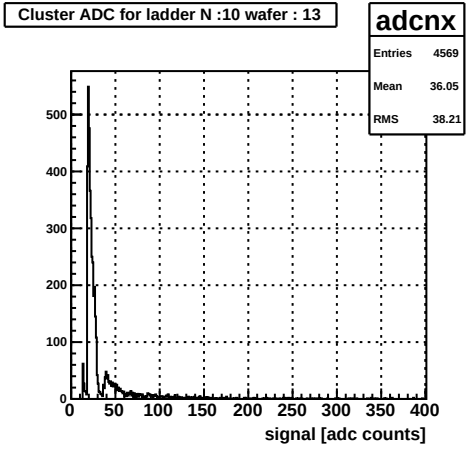

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2587
Mean 35.24
RMS 43.34
signal [adc counts]

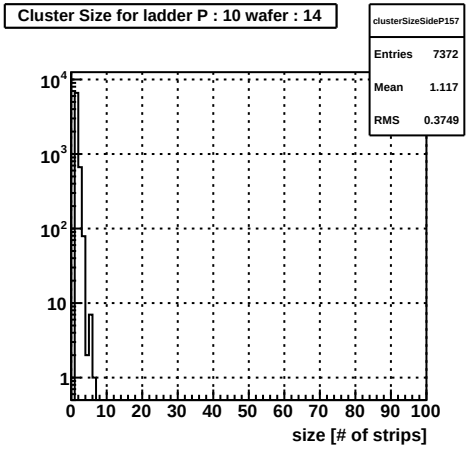

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

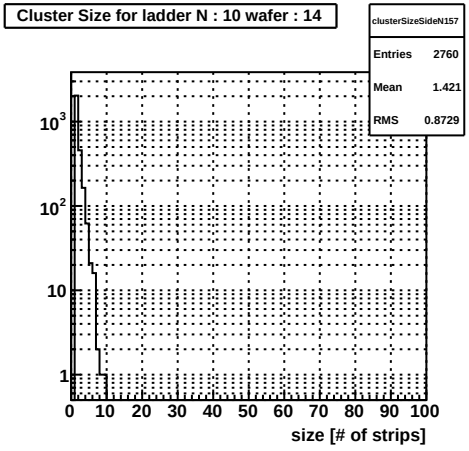

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4569
Mean 1.203
RMS 0.5052
size [# of strips]

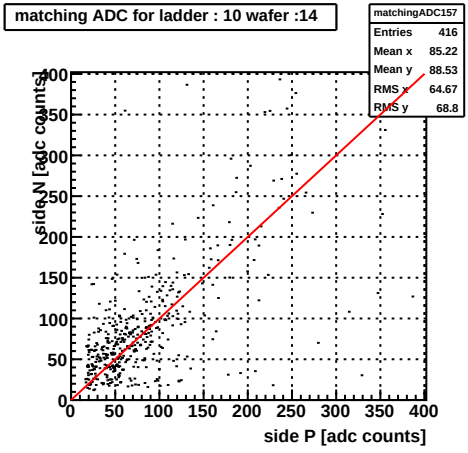

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

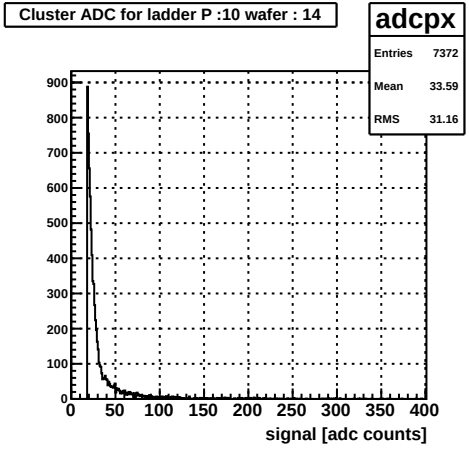

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

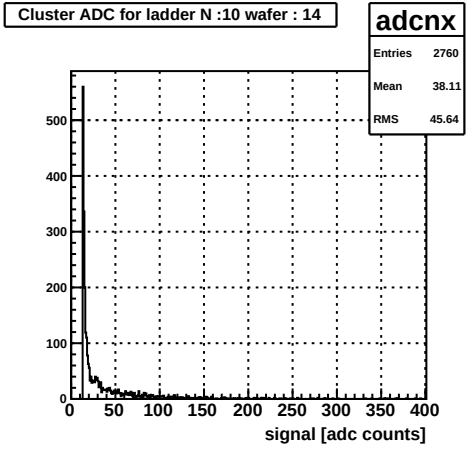

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4569
Mean 36.05
RMS 38.21
signal [adc counts]

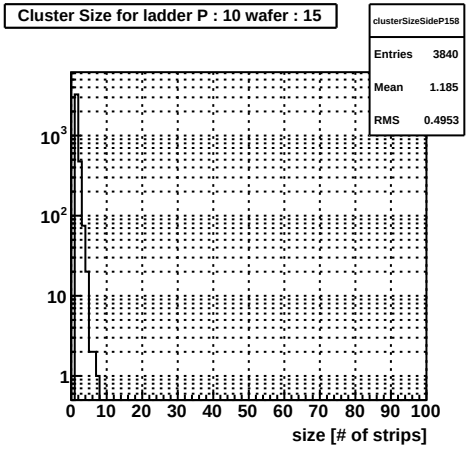

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 7372
Mean 1.117
RMS 0.3749
size [# of strips]

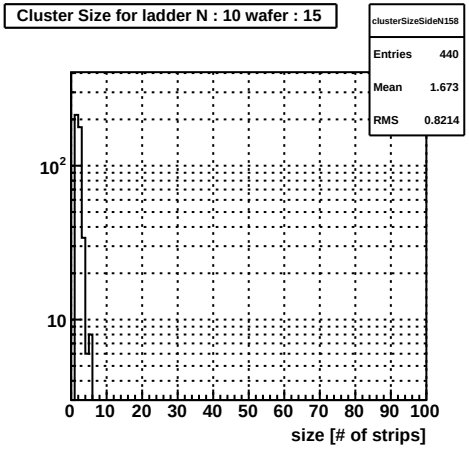

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2760
Mean 1.421
RMS 0.8729
size [# of strips]

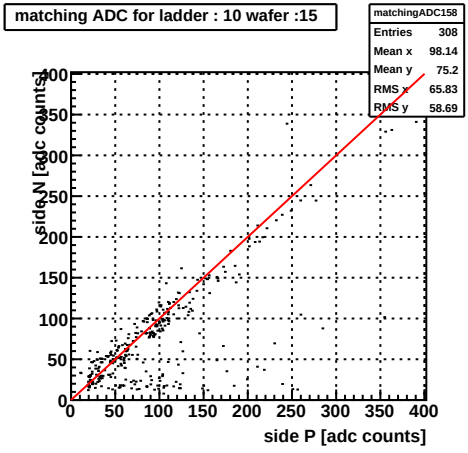

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 416
Mean x 85.22
Mean y 88.53
RMS x 64.67
RMS y 68.8
side N [adc counts]
side P [adc counts]

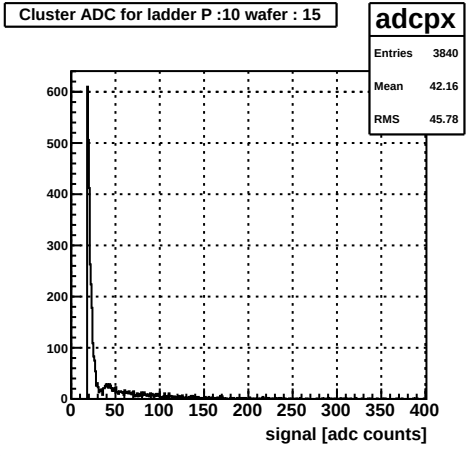

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 7372
Mean 33.59
RMS 31.16
signal [adc counts]

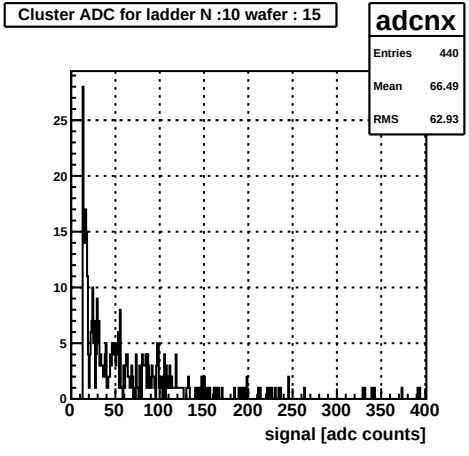

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2760
Mean 38.11
RMS 45.64
signal [adc counts]

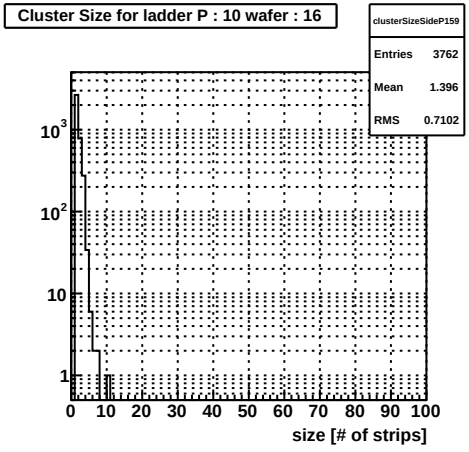

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 3840
Mean 1.185
RMS 0.4953
size [# of strips]

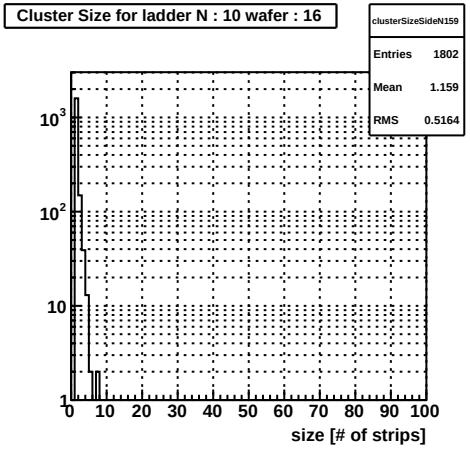

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 440
Mean 1.673
RMS 0.8214
size [# of strips]

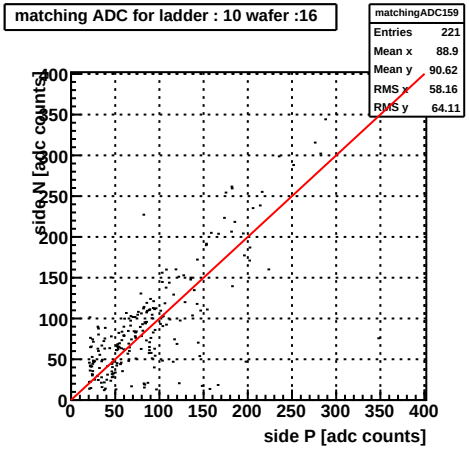

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 308
Mean x 98.14
Mean y 75.2
RMS x 65.83
RMS y 58.69
side N [adc counts]
side P [adc counts]

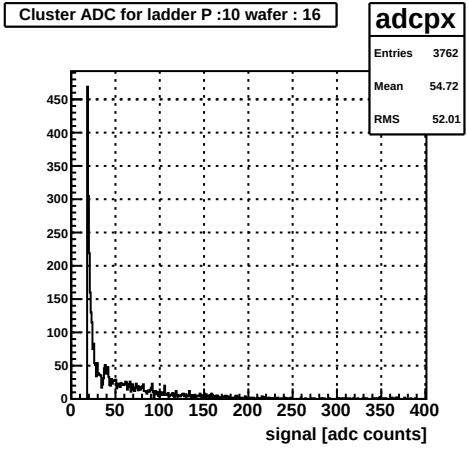

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 3840
Mean 42.16
RMS 45.78
signal [adc counts]

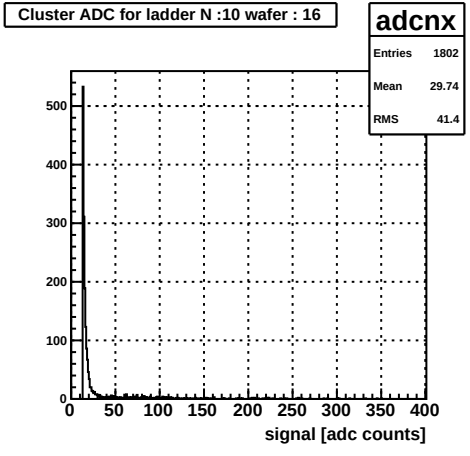

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 440
Mean 66.49
RMS 62.93
signal [adc counts]

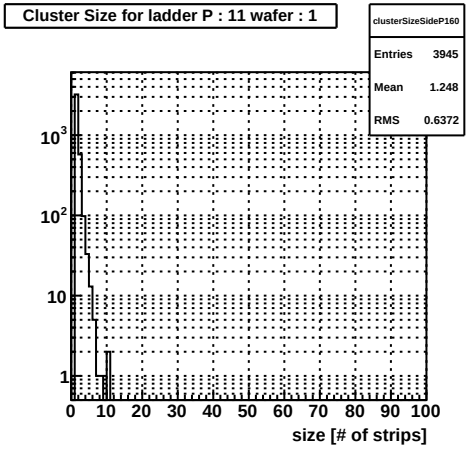

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3762
Mean 1.396
RMS 0.7102
size [# of strips]

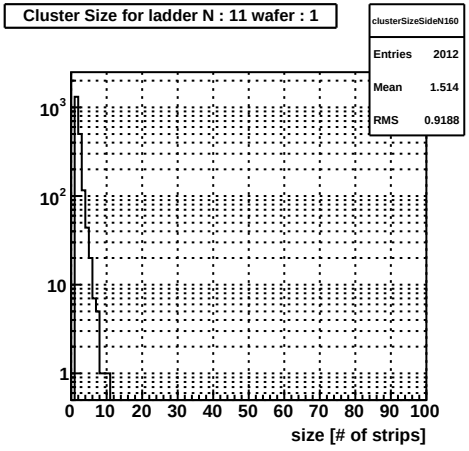

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1802
Mean 1.159
RMS 0.5164
size [# of strips]

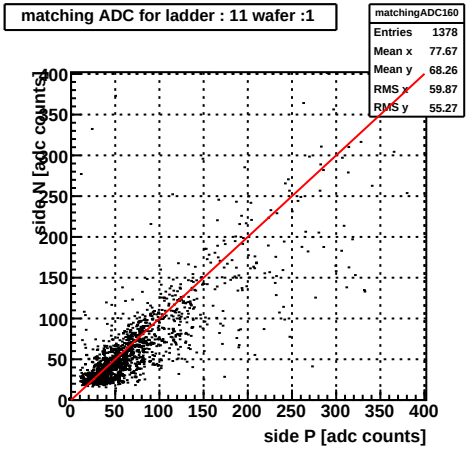

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 221
Mean x 88.9
Mean y 90.62
RMS x 58.16
RMS y 64.11
side N [adc counts]
side P [adc counts]

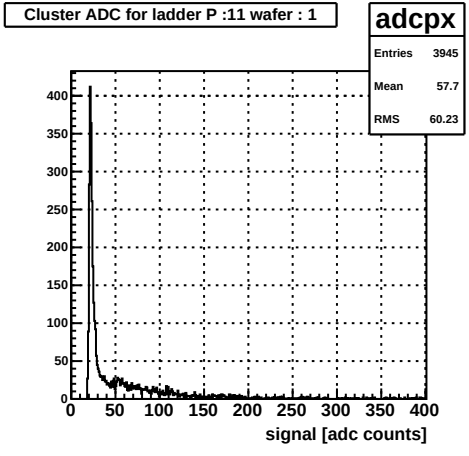

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3762
Mean 54.72
RMS 52.01
signal [adc counts]

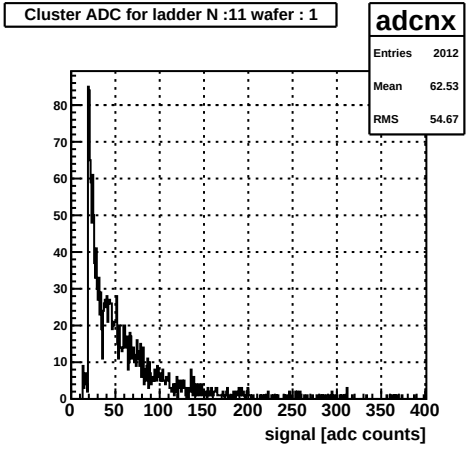

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1802
Mean 29.74
RMS 41.4
signal [adc counts]

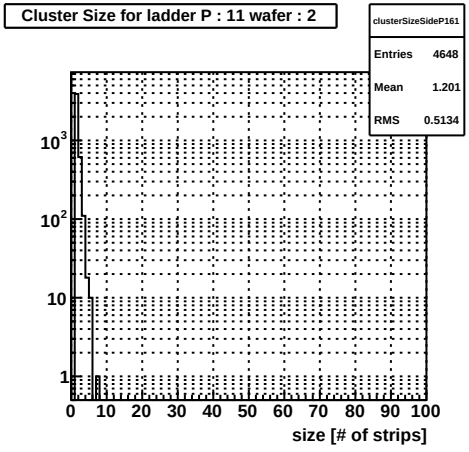

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3945
Mean 1.248
RMS 0.6372
size [# of strips]

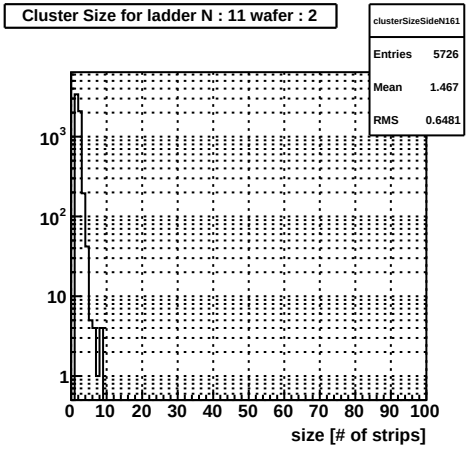

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 2012
Mean 1.514
RMS 0.9188
size [# of strips]

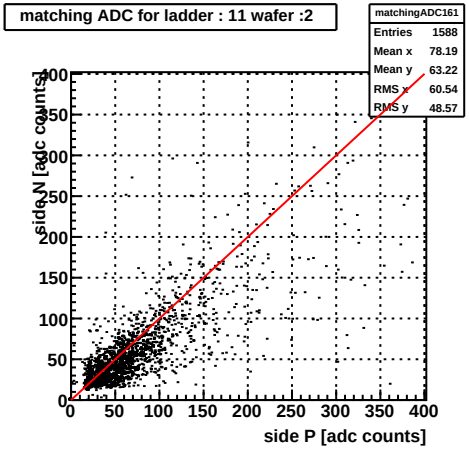

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1378
Mean x 77.67
Mean y 68.26
RMS x 59.87
RMS y 55.27
side N [adc counts]
side P [adc counts]

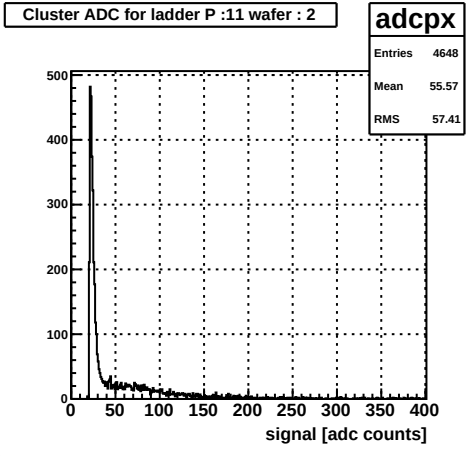

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3945
Mean 57.7
RMS 60.23
signal [adc counts]

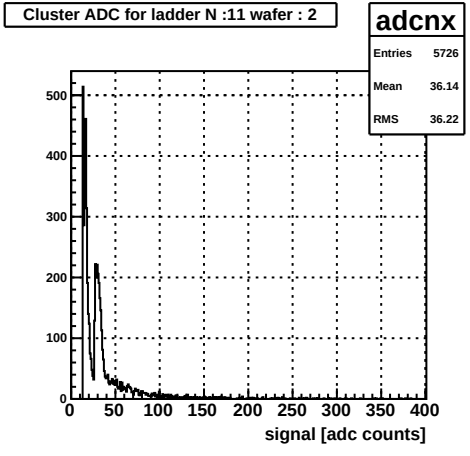

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 2012
Mean 62.53
RMS 54.67
signal [adc counts]

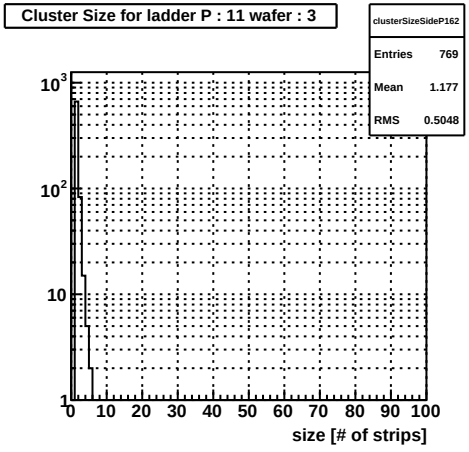

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4648
Mean 1.201
RMS 0.5134
size [# of strips]

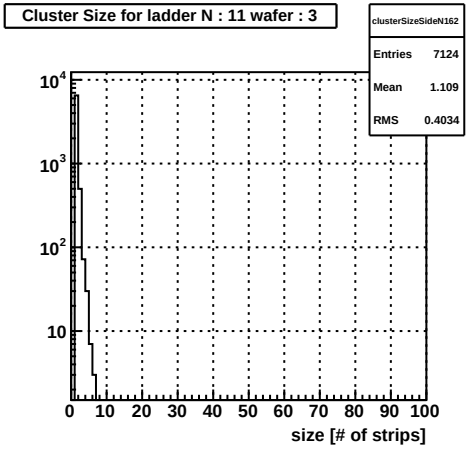

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5726
Mean 1.467
RMS 0.6481
size [# of strips]

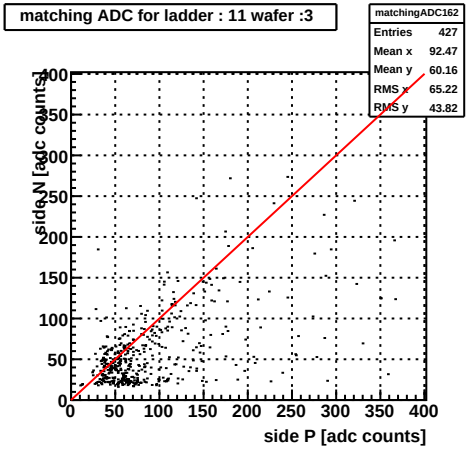

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1588
Mean x 78.19
Mean y 63.22
RMS x 60.54
RMS y 48.57
side N [adc counts]
side P [adc counts]

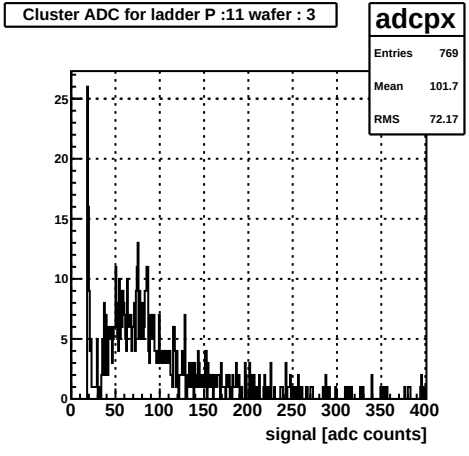

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4648
Mean 55.57
RMS 57.41
signal [adc counts]

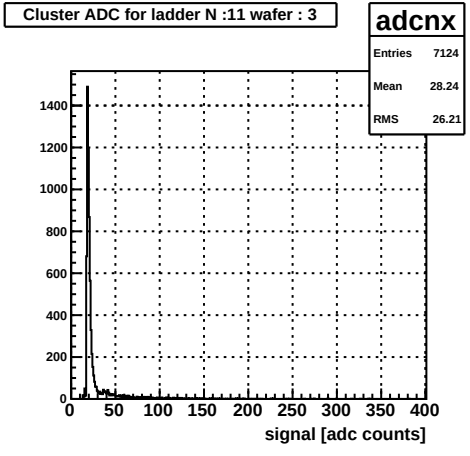

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5726
Mean 36.14
RMS 36.22
signal [adc counts]

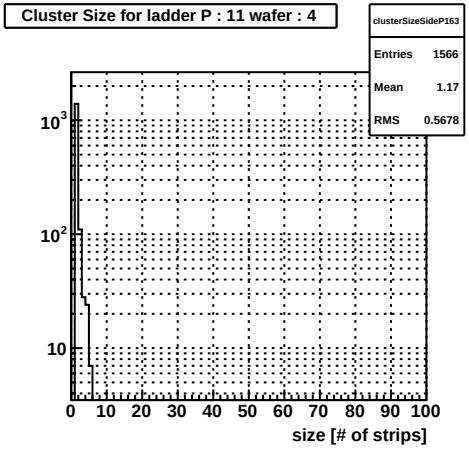

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 769
Mean 1.177
RMS 0.5048
size [# of strips]

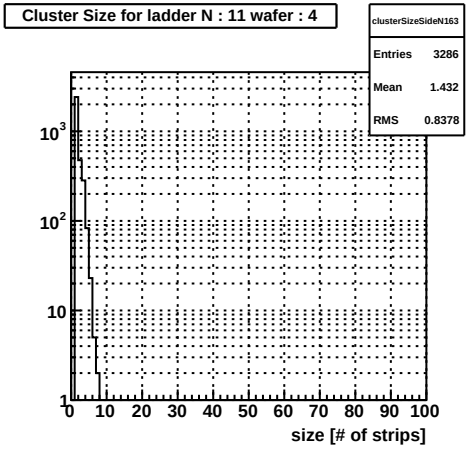

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 7124
Mean 1.109
RMS 0.4034
size [# of strips]

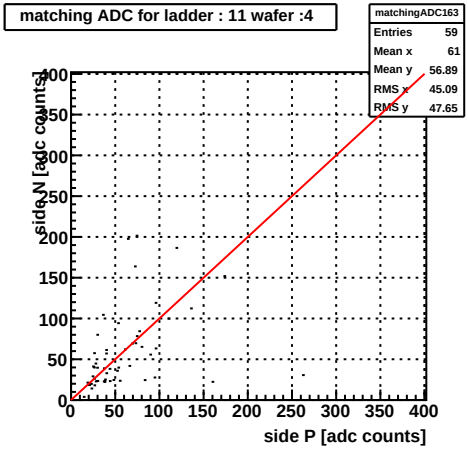

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 427
Mean x 92.47
Mean y 60.16
RMS x 65.22
RMS y 43.82
side N [adc counts]
side P [adc counts]

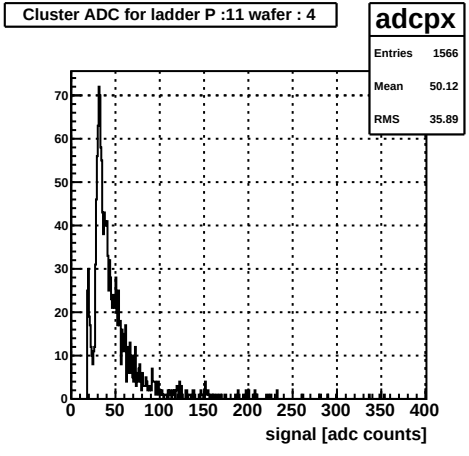

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 769
Mean 101.7
RMS 72.17
signal [adc counts]

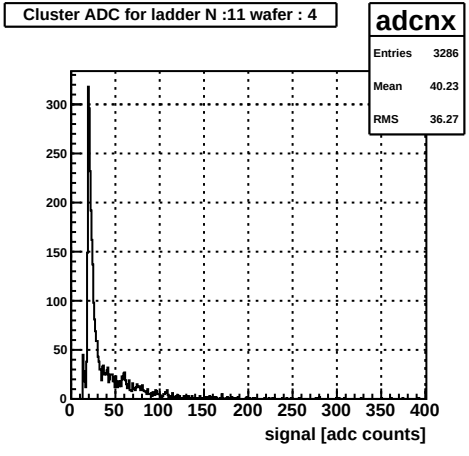

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 7124
Mean 28.24
RMS 26.21
signal [adc counts]

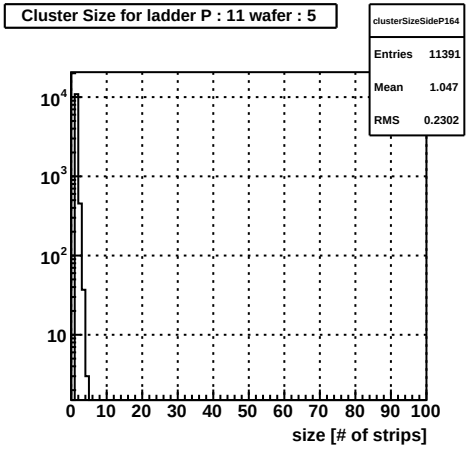

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 1566
Mean 1.17
RMS 0.5678
size [# of strips]

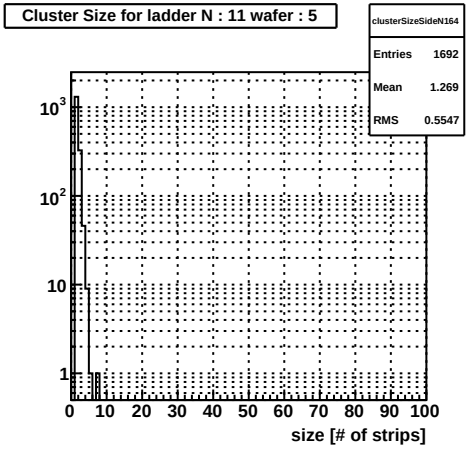

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 3286
Mean 1.432
RMS 0.8378
size [# of strips]

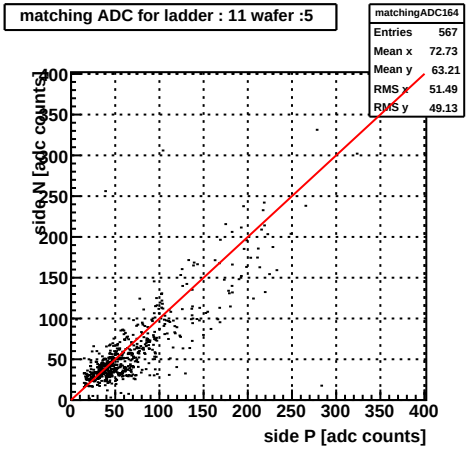

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 59
Mean x 61
Mean y 56.89
RMS x 45.09
RMS y 47.65
side N [adc counts]
side P [adc counts]

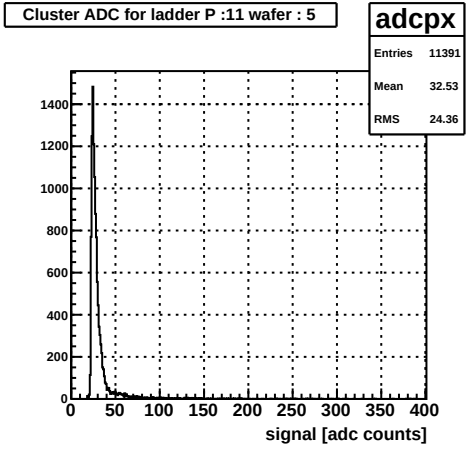

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 1566
Mean 50.12
RMS 35.89
signal [adc counts]

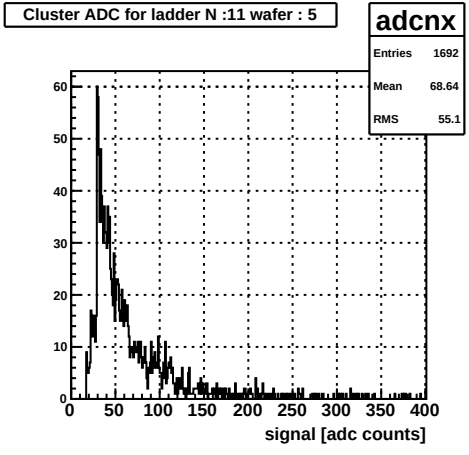

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 3286
Mean 40.23
RMS 36.27
signal [adc counts]

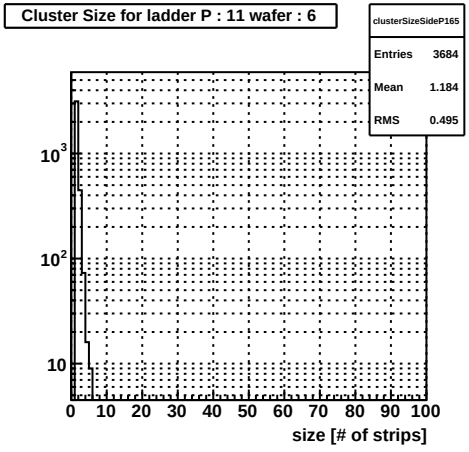

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 11391
Mean 1.047
RMS 0.2302
size [# of strips]

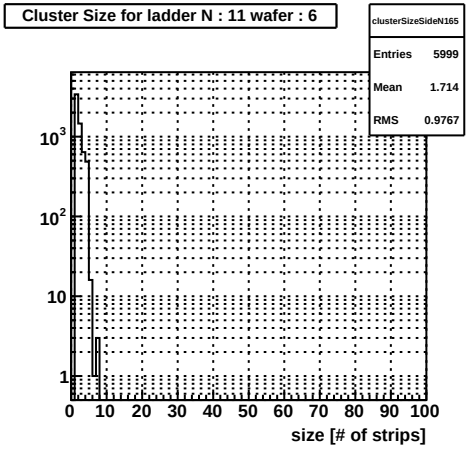

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1692
Mean 1.269
RMS 0.5547
size [# of strips]

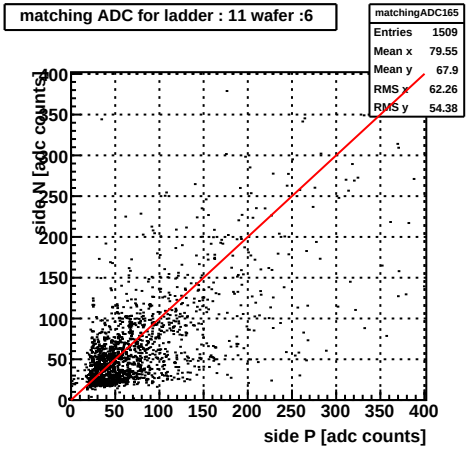

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 567
Mean x 72.73
Mean y 63.21
RMS x 51.49
RMS y 49.13
side N [adc counts]
side P [adc counts]

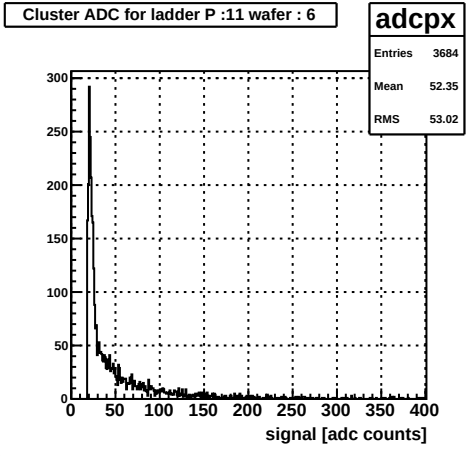

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 11391
Mean 32.53
RMS 24.36
signal [adc counts]

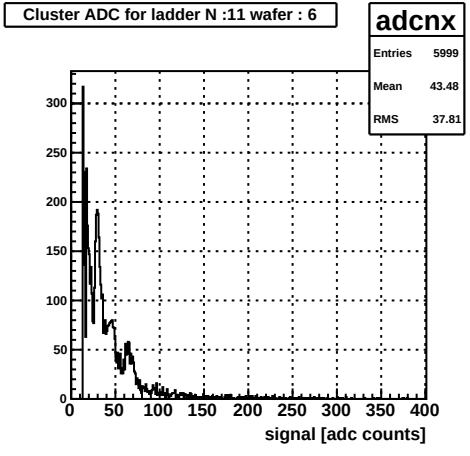

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1692
Mean 68.64
RMS 55.1
signal [adc counts]

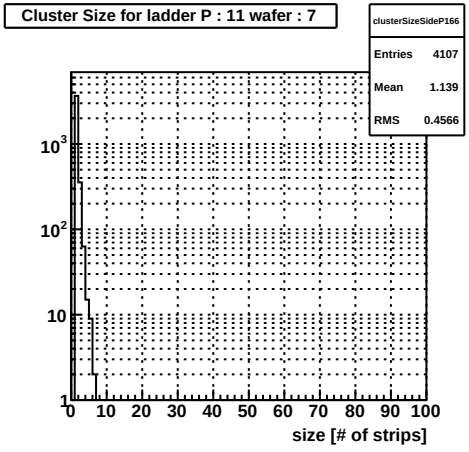

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 3684
Mean 1.184
RMS 0.495
size [# of strips]

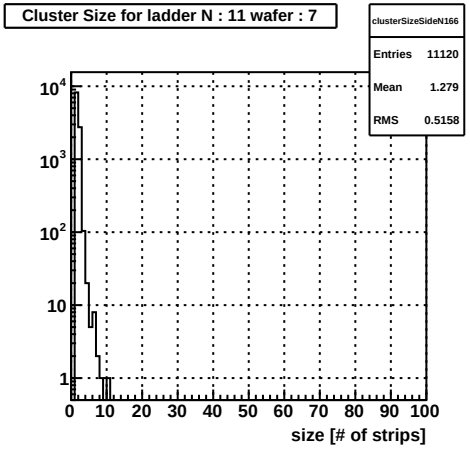

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5999
Mean 1.714
RMS 0.9767
size [# of strips]

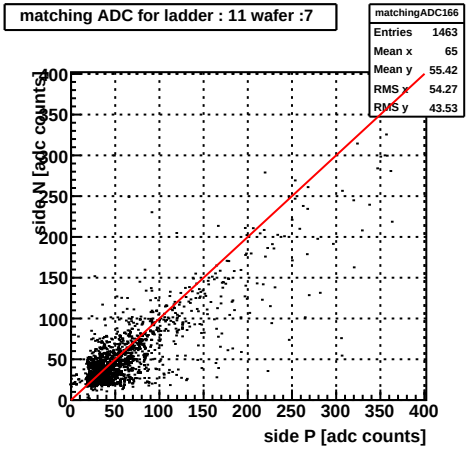

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1509
Mean x 79.55
Mean y 67.9
RMS x 62.26
RMS y 54.38
side N [adc counts]
side P [adc counts]

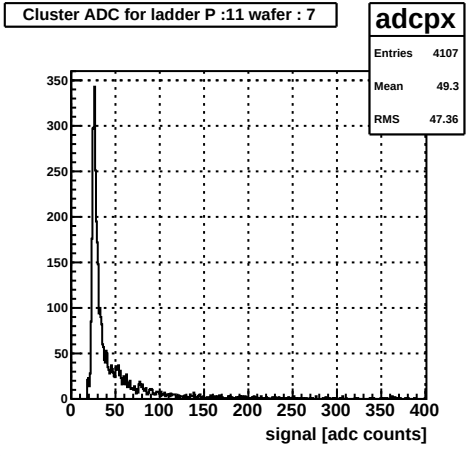

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 3684
Mean 52.35
RMS 53.02
signal [adc counts]

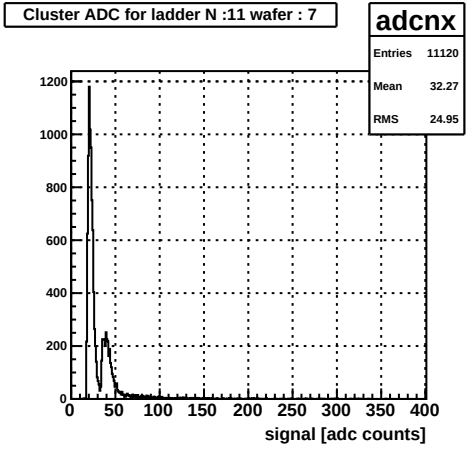

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5999
Mean 43.48
RMS 37.81
signal [adc counts]

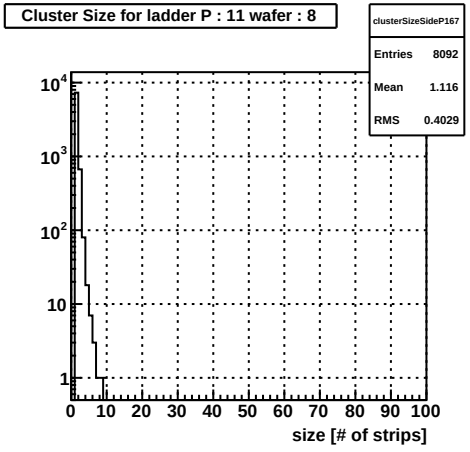

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 4107
Mean 1.139
RMS 0.4566
size [# of strips]

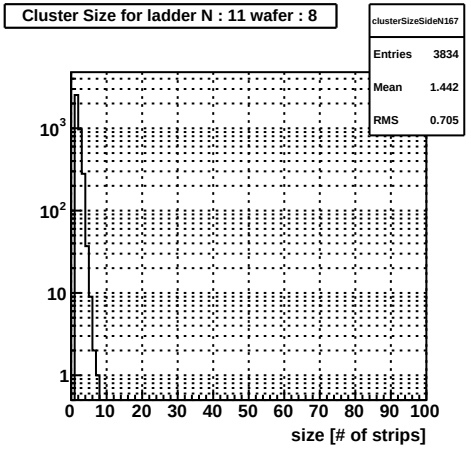

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 11120
Mean 1.279
RMS 0.5158
size [# of strips]

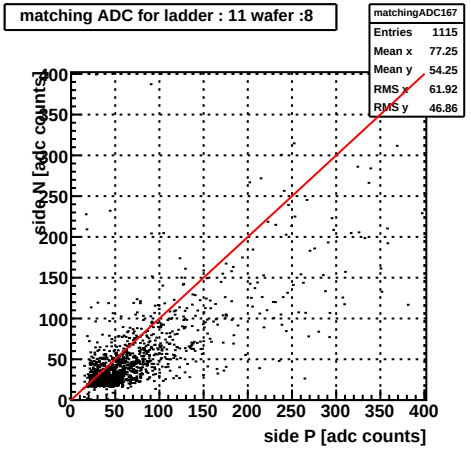

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1463
Mean x 65
Mean y 55.42
RMS x 54.27
RMS y 43.53
side N [adc counts]
side P [adc counts]

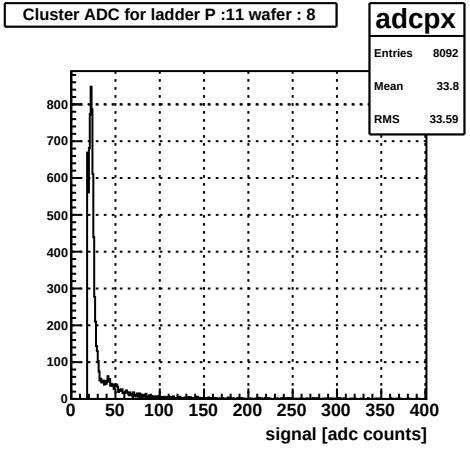

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 4107
Mean 49.3
RMS 47.36
signal [adc counts]

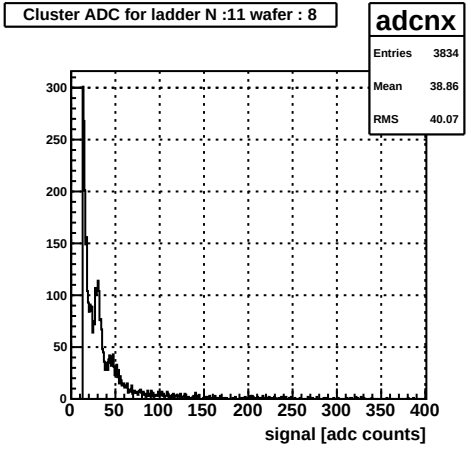

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 11120
Mean 32.27
RMS 24.95
signal [adc counts]

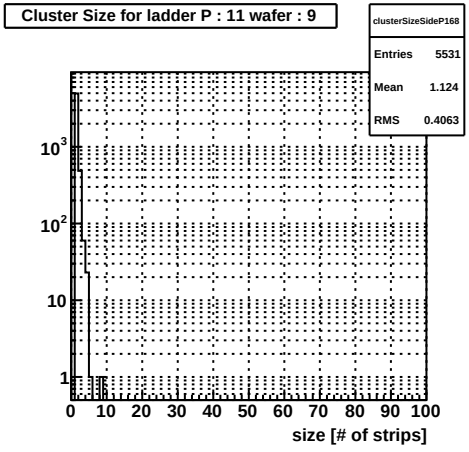

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 8092
Mean 1.116
RMS 0.4029
size [# of strips]

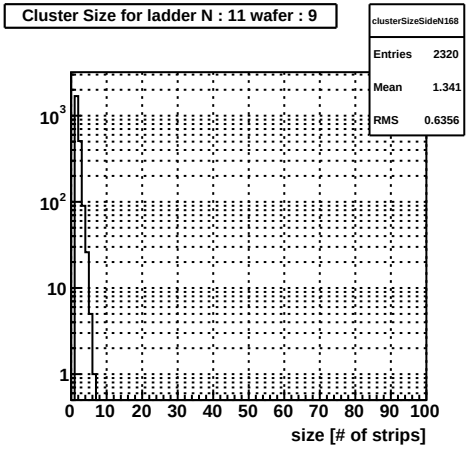

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 3834
Mean 1.442
RMS 0.705
size [# of strips]

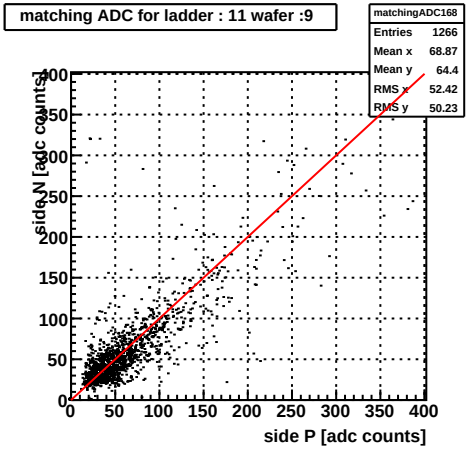

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1115
Mean x 77.25
Mean y 54.25
RMS x 61.92
RMS y 46.86
side N [adc counts]
side P [adc counts]

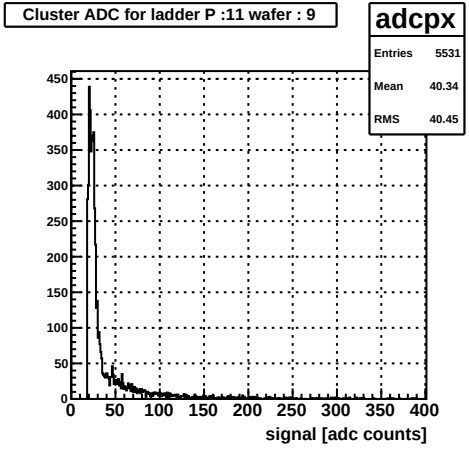

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 8092
Mean 33.8
RMS 33.59
signal [adc counts]

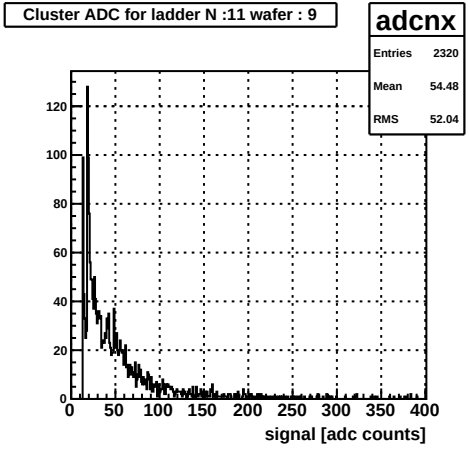

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 3834
Mean 38.86
RMS 40.07
signal [adc counts]

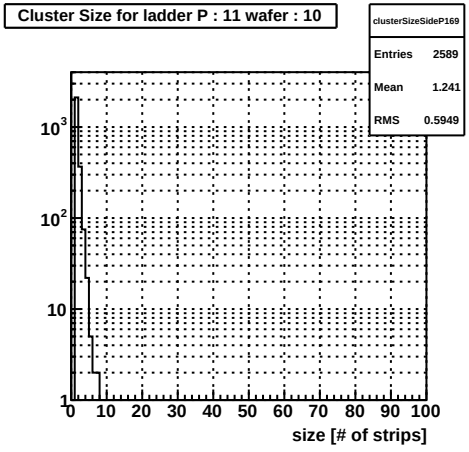

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 5531
Mean 1.124
RMS 0.4063
size [# of strips]

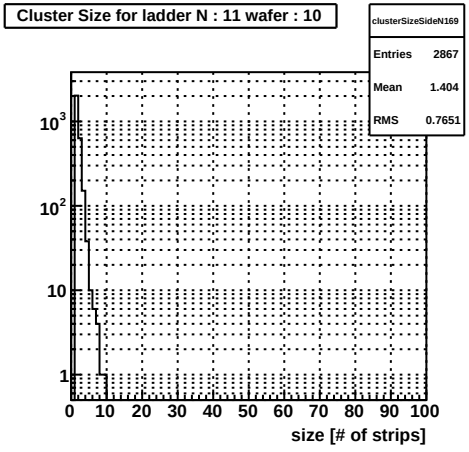

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2320
Mean 1.341
RMS 0.6356
size [# of strips]

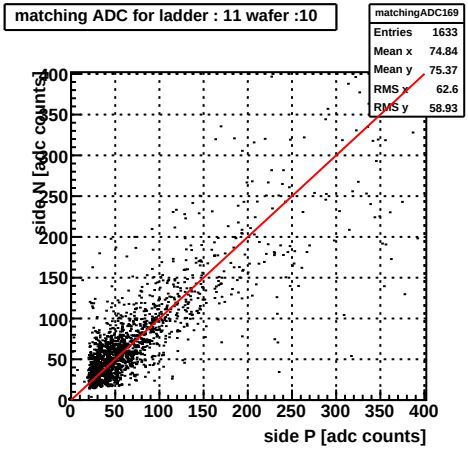

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1266
Mean x 68.87
Mean y 64.4
RMS x 52.42
RMS y 50.23
side N [adc counts]
side P [adc counts]

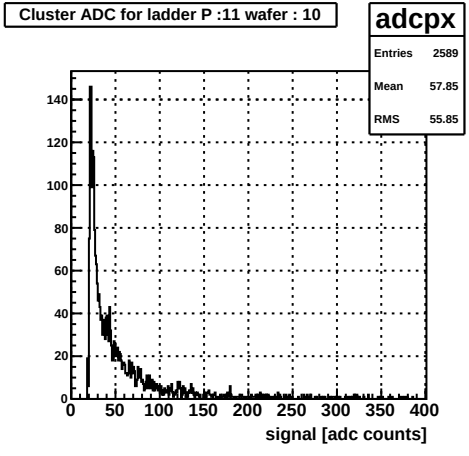

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 5531
Mean 40.34
RMS 40.45
signal [adc counts]

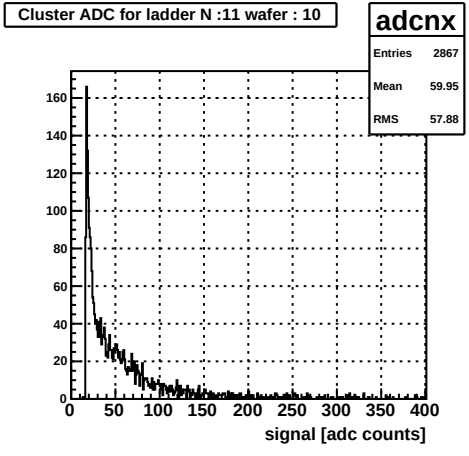

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2320
Mean 54.48
RMS 52.04
signal [adc counts]

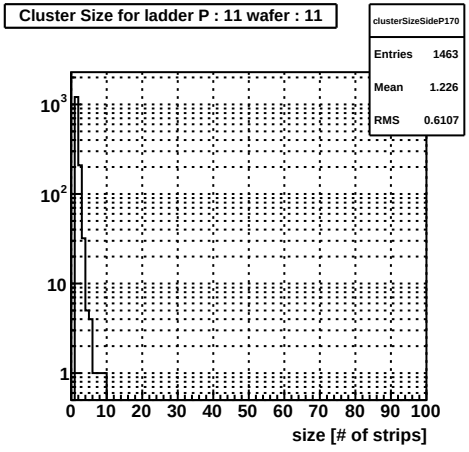

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2589
Mean 1.241
RMS 0.5949
size [# of strips]

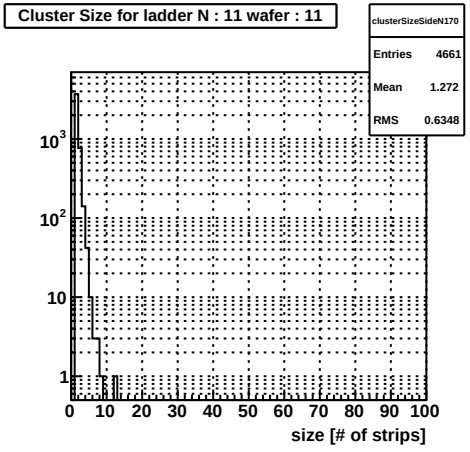

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2867
Mean 1.404
RMS 0.7651
size [# of strips]

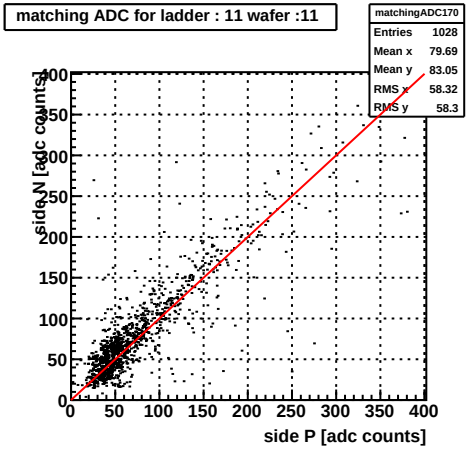

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1633
Mean x 74.84
Mean y 75.37
RMS x 62.6
RMS y 58.93
side N [adc counts]
side P [adc counts]

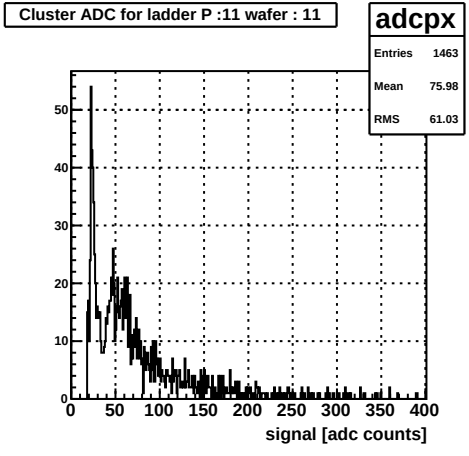

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2589
Mean 57.85
RMS 55.85
signal [adc counts]

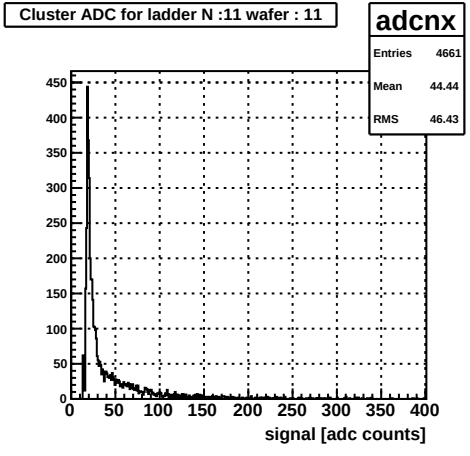

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2867
Mean 59.95
RMS 57.88
signal [adc counts]

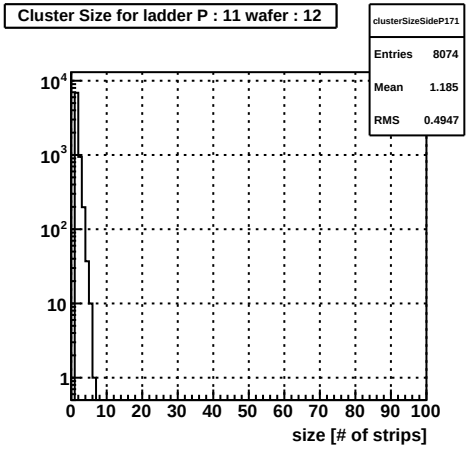

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1463
Mean 1.226
RMS 0.6107
size [# of strips]

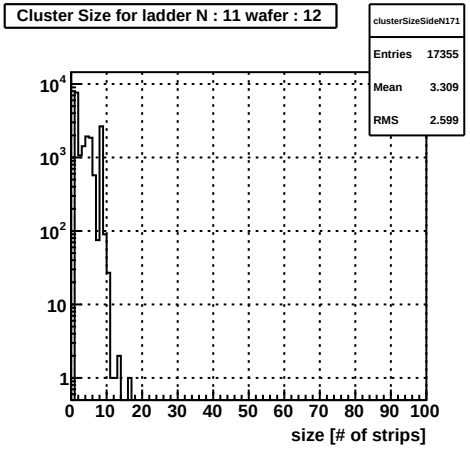

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4661
Mean 1.272
RMS 0.6348
size [# of strips]

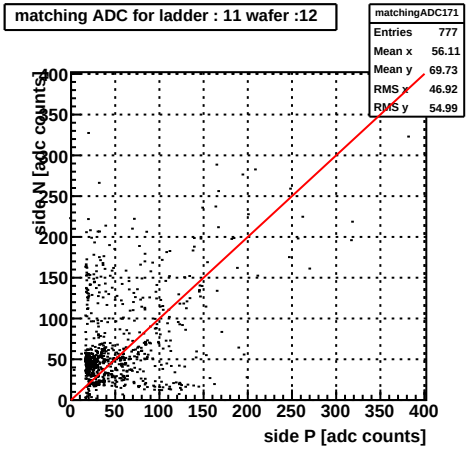

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 1028
Mean x 79.69
Mean y 83.05
RMS x 58.32
RMS y 58.3
side N [adc counts]
side P [adc counts]

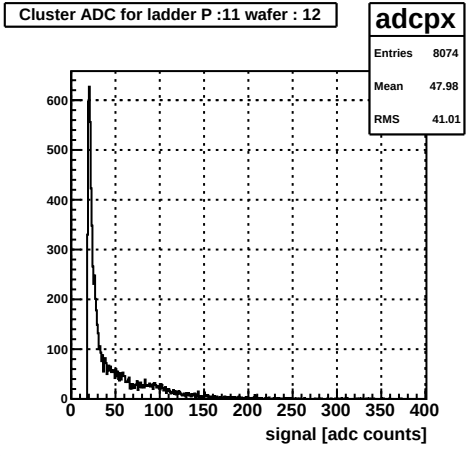

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1463
Mean 75.98
RMS 61.03
signal [adc counts]

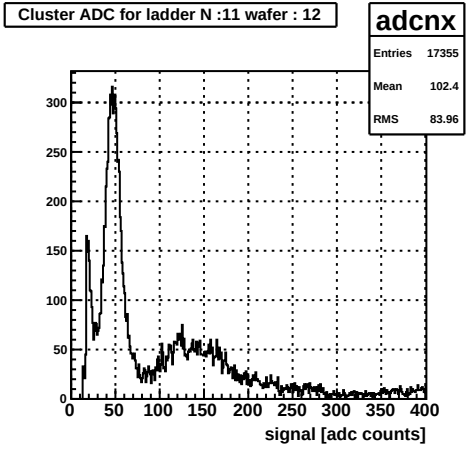

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4661
Mean 44.44
RMS 46.43
signal [adc counts]

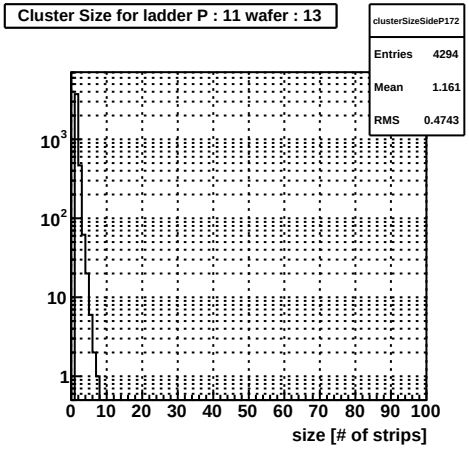

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 8074
Mean 1.185
RMS 0.4947
size [# of strips]

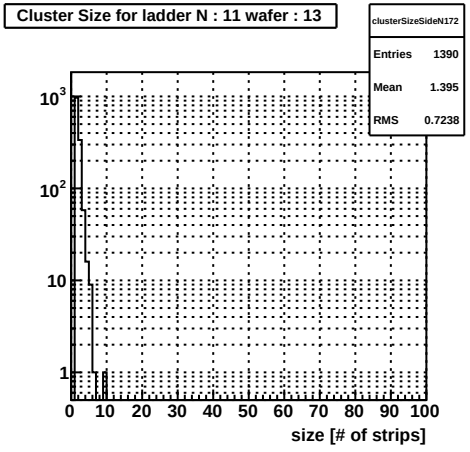

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 17355
Mean 3.309
RMS 2.599
size [# of strips]

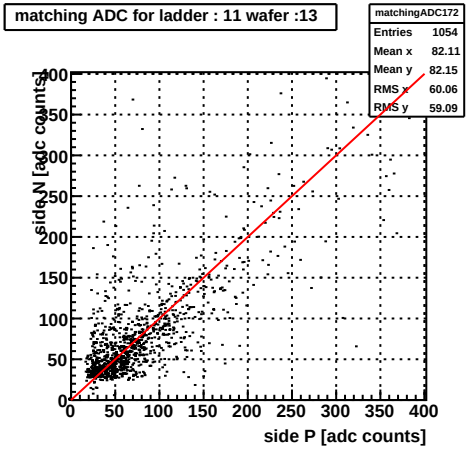

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 777
Mean x 56.11
Mean y 69.73
RMS x 46.92
RMS y 54.99
side N [adc counts]
side P [adc counts]

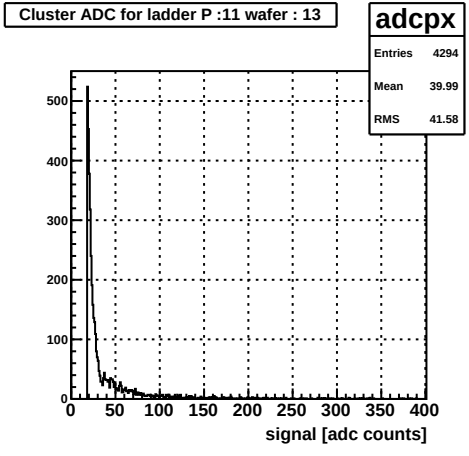

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 8074
Mean 47.98
RMS 41.01
signal [adc counts]

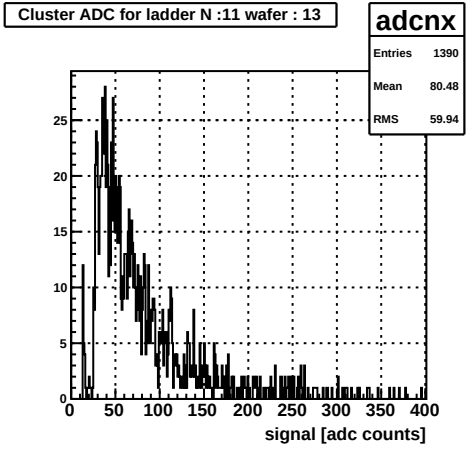

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 17355
Mean 102.4
RMS 83.96
signal [adc counts]

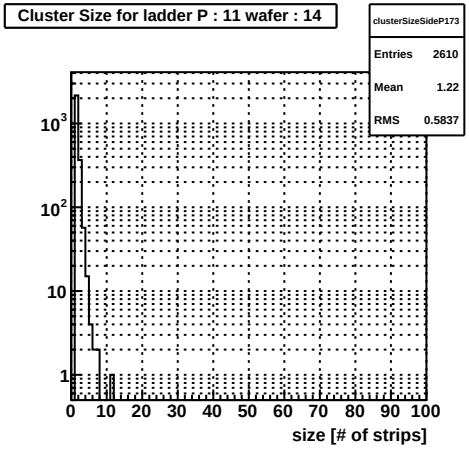

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4294
Mean 1.161
RMS 0.4743
size [# of strips]

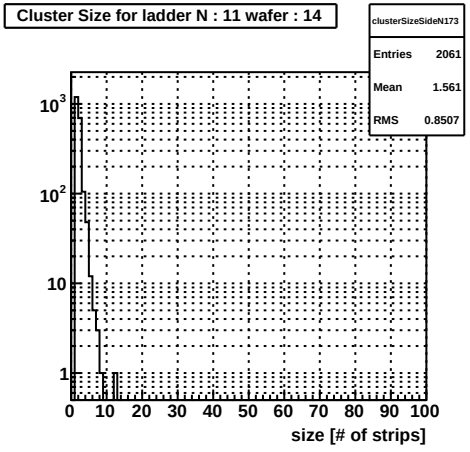

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1390
Mean 1.395
RMS 0.7238
size [# of strips]

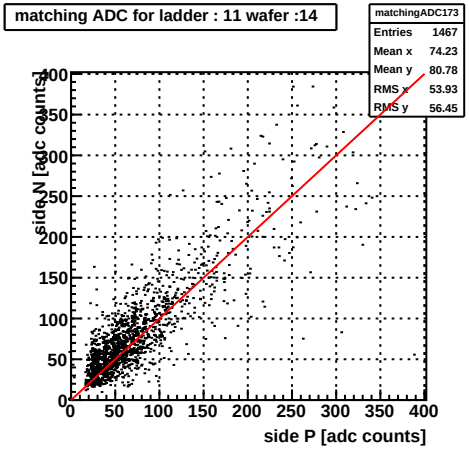

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1054
Mean x 82.11
Mean y 82.15
RMS x 60.06
RMS y 59.09
side N [adc counts]
side P [adc counts]

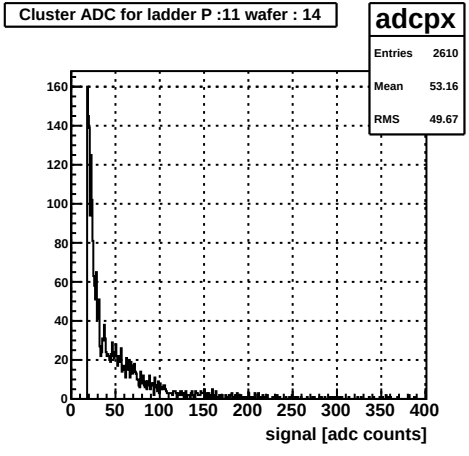

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4294
Mean 39.99
RMS 41.58
signal [adc counts]

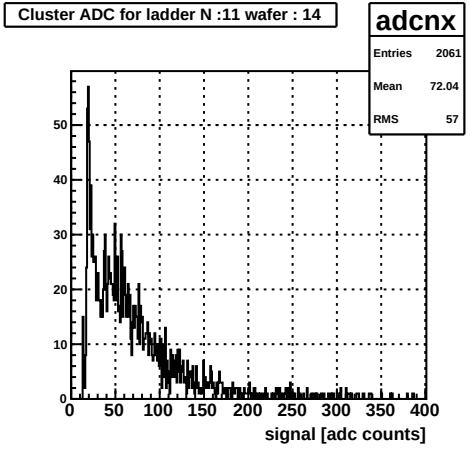

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1390
Mean 80.48
RMS 59.94
signal [adc counts]

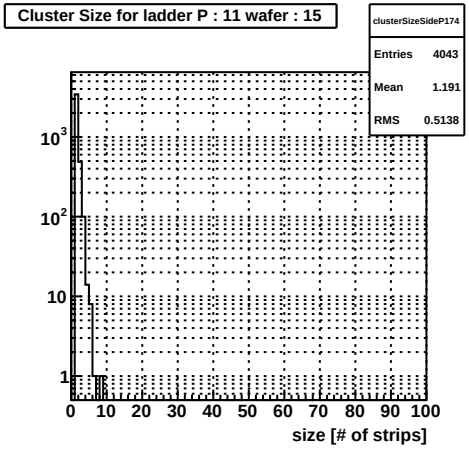

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2610
Mean 1.22
RMS 0.5837
size [# of strips]

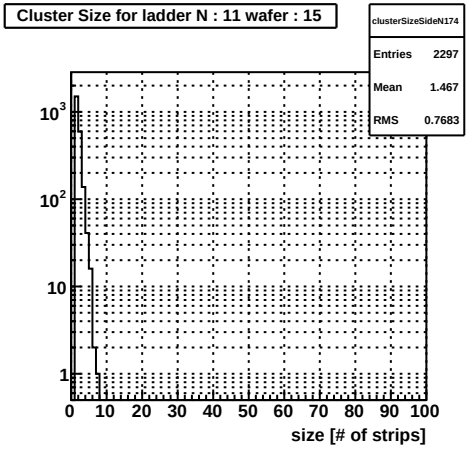

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2061
Mean 1.561
RMS 0.8507
size [# of strips]

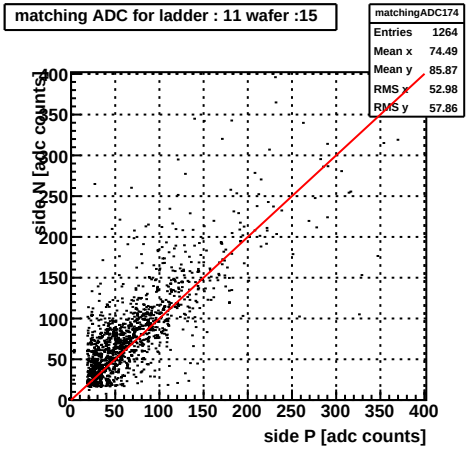

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1467
Mean x 74.23
Mean y 80.78
RMS x 53.93
RMS y 56.45
side N [adc counts]
side P [adc counts]

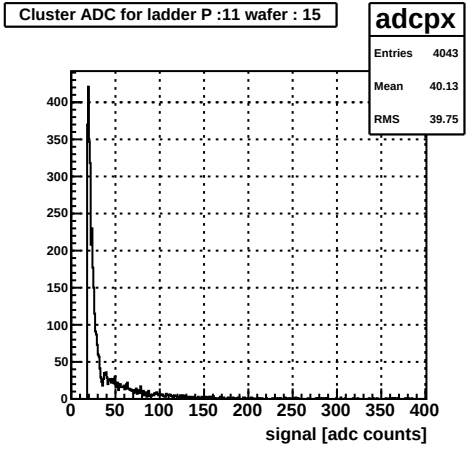

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2610
Mean 53.16
RMS 49.67
signal [adc counts]

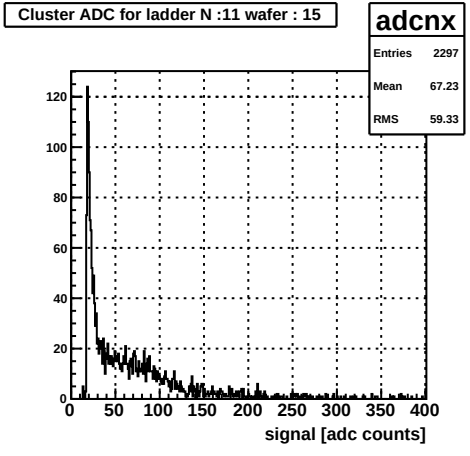

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2061
Mean 72.04
RMS 57
signal [adc counts]

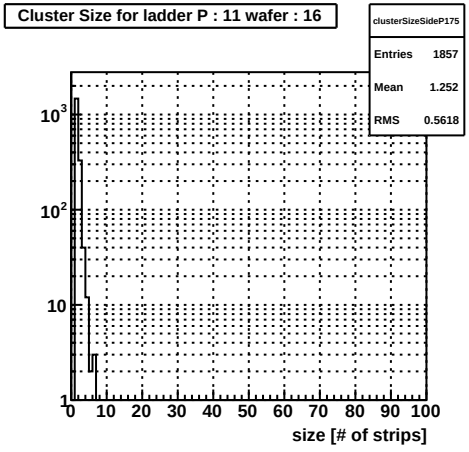

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 4043
Mean 1.191
RMS 0.5138
size [# of strips]

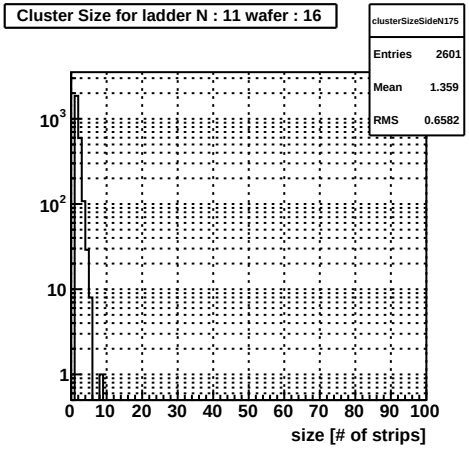

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2297
Mean 1.467
RMS 0.7683
size [# of strips]

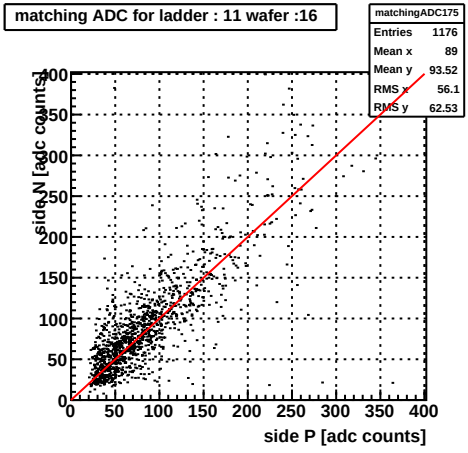

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1264
Mean x 74.49
Mean y 85.87
RMS x 52.98
RMS y 57.86
side N [adc counts]
side P [adc counts]

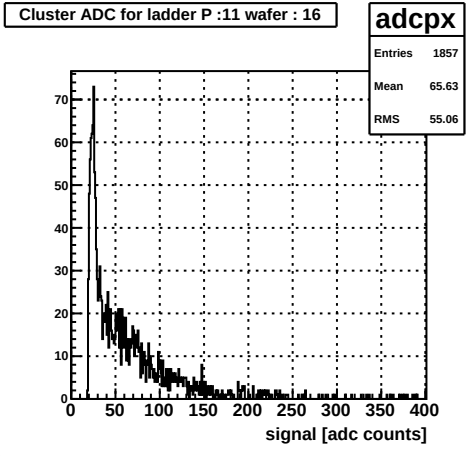

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 4043
Mean 40.13
RMS 39.75
signal [adc counts]

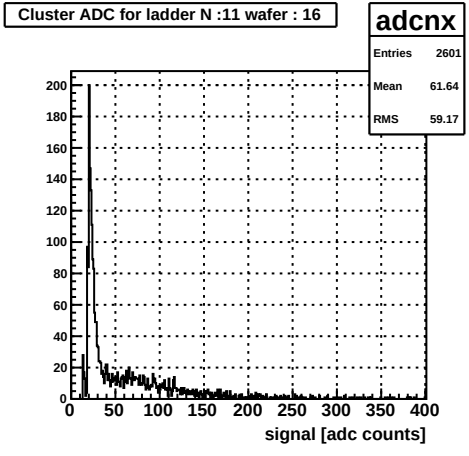

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2297
Mean 67.23
RMS 59.33
signal [adc counts]

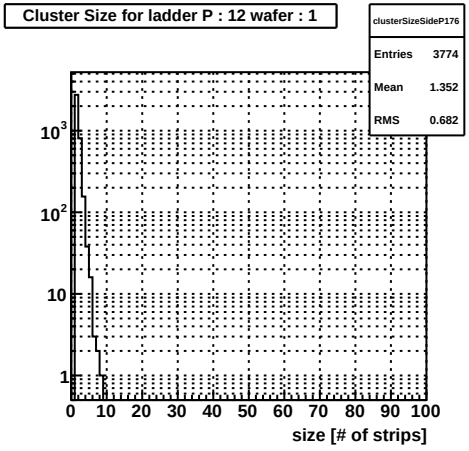

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1857
Mean 1.252
RMS 0.5618
size [# of strips]

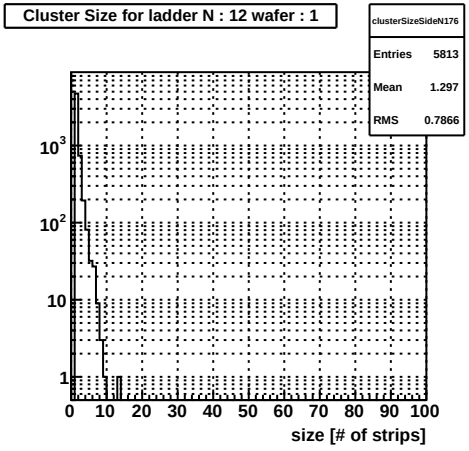

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2601
Mean 1.359
RMS 0.6582
size [# of strips]

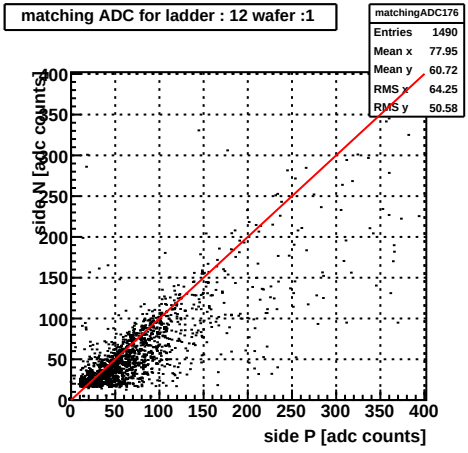

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1176
Mean x 89
Mean y 93.52
RMS x 56.1
RMS y 62.53
side N [adc counts]
side P [adc counts]

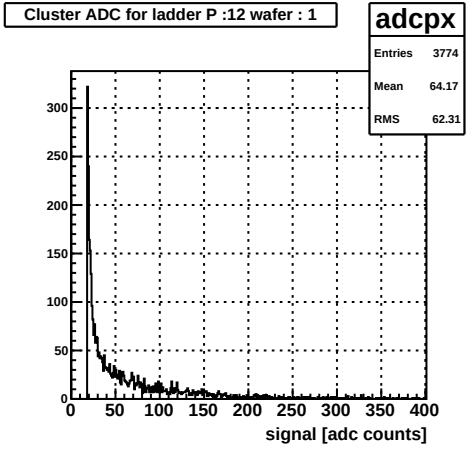

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1857
Mean 65.63
RMS 55.06
signal [adc counts]

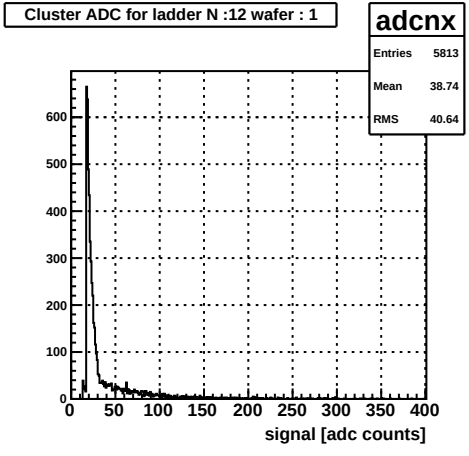

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2601
Mean 61.64
RMS 59.17
signal [adc counts]

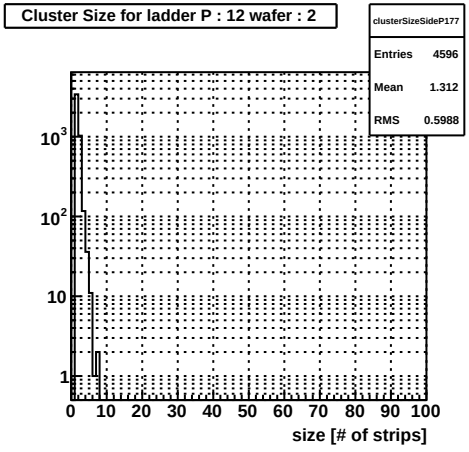

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3774
Mean 1.352
RMS 0.682
size [# of strips]

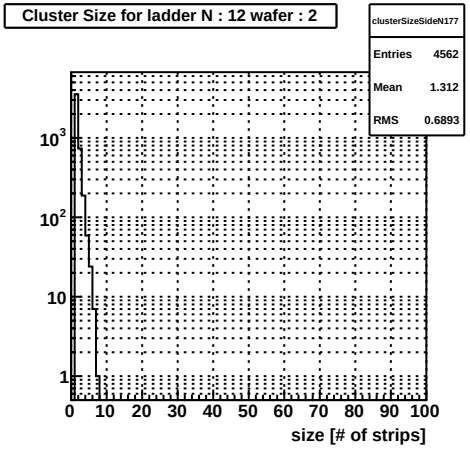

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 5813
Mean 1.297
RMS 0.7866
size [# of strips]

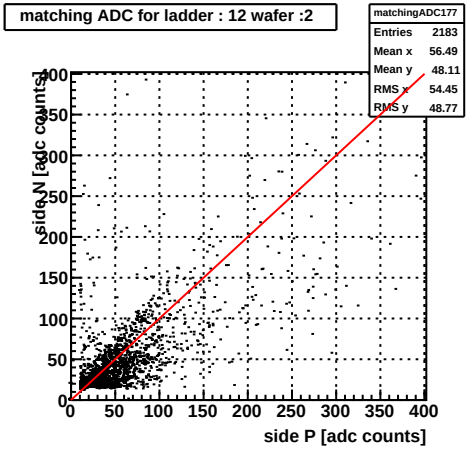

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1490
Mean x 77.95
Mean y 60.72
RMS x 64.25
RMS y 50.58
side N [adc counts]
side P [adc counts]

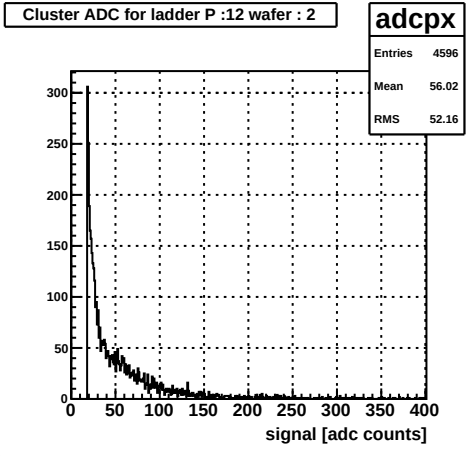

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3774
Mean 64.17
RMS 62.31
signal [adc counts]

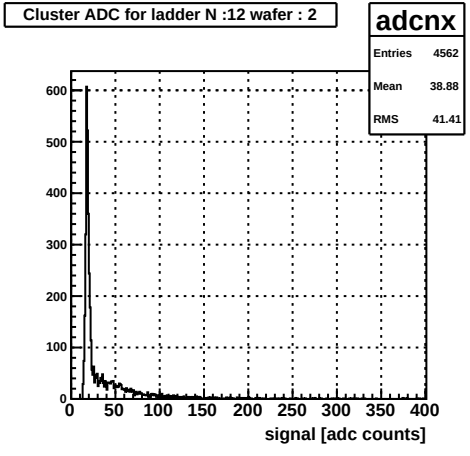

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 5813
Mean 38.74
RMS 40.64
signal [adc counts]

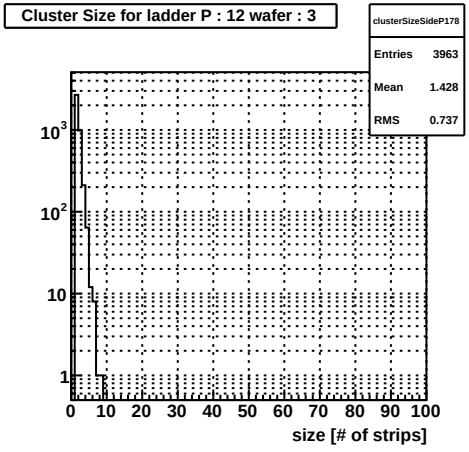

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4596
Mean 1.312
RMS 0.5988
size [# of strips]

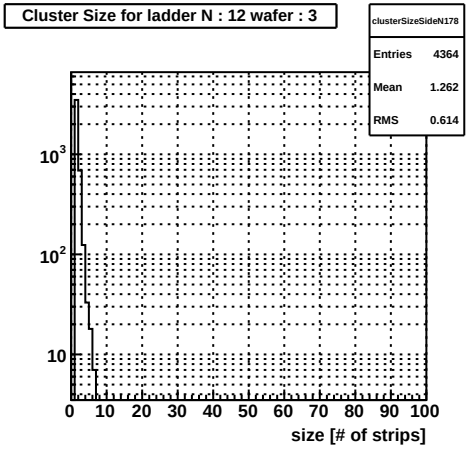

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 4562
Mean 1.312
RMS 0.6893
size [# of strips]

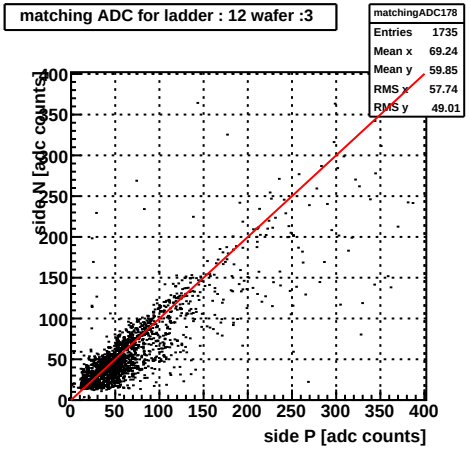

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 2183
Mean x 56.49
Mean y 48.11
RMS x 54.45
RMS y 48.77
side N [adc counts]
side P [adc counts]

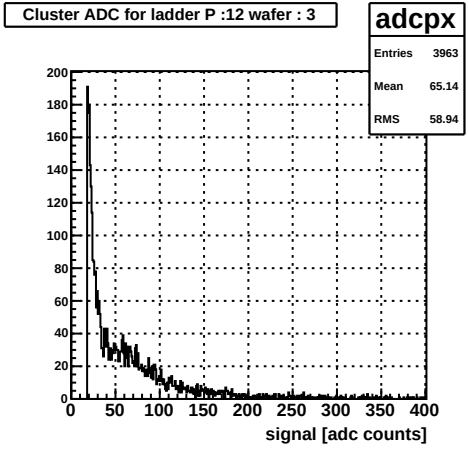

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4596
Mean 56.02
RMS 52.16
signal [adc counts]

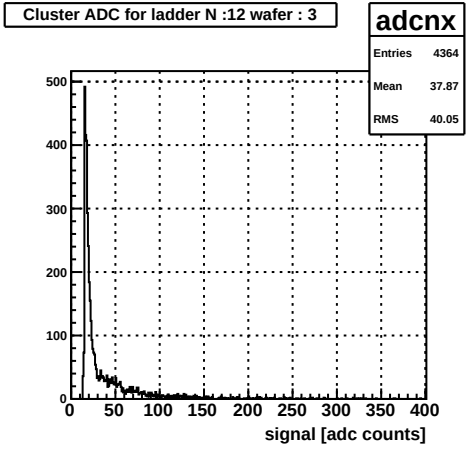

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 4562
Mean 38.88
RMS 41.41
signal [adc counts]

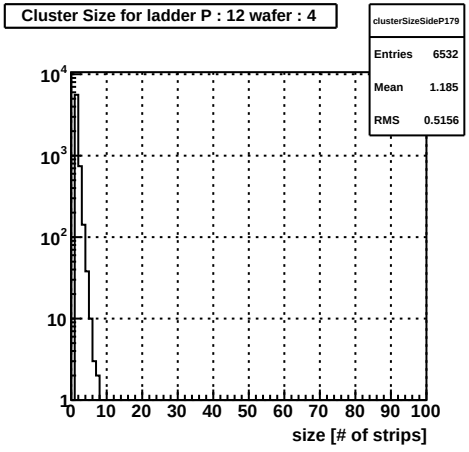

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3963
Mean 1.428
RMS 0.737
size [# of strips]

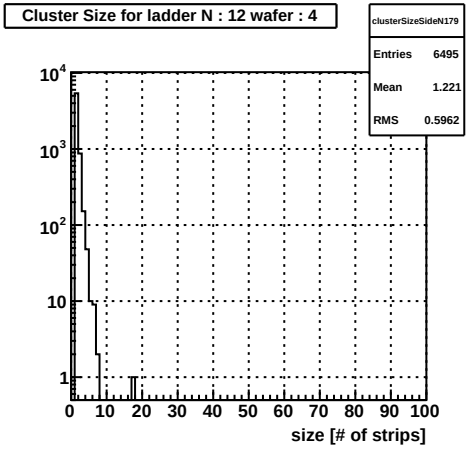

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 4364
Mean 1.262
RMS 0.614
size [# of strips]

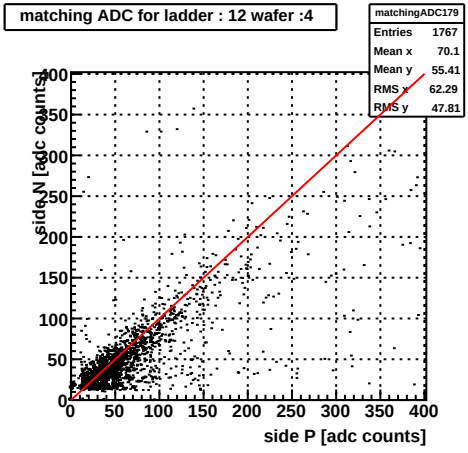

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1735
Mean x 69.24
Mean y 59.85
RMS x 57.74
RMS y 49.01
side N [adc counts]
side P [adc counts]

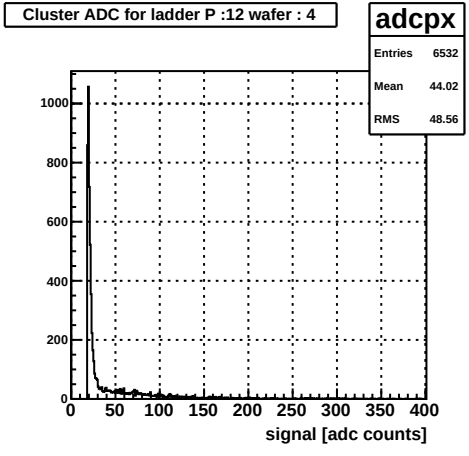

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3963
Mean 65.14
RMS 58.94
signal [adc counts]

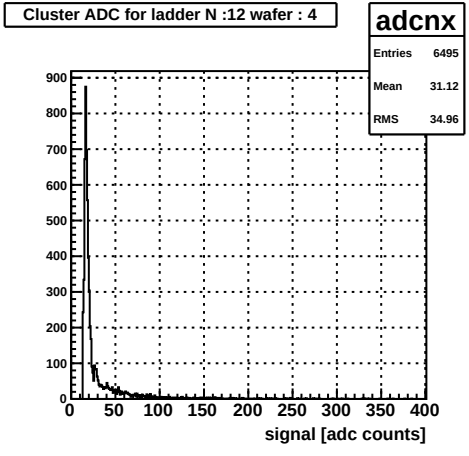

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 4364
Mean 37.87
RMS 40.05
signal [adc counts]

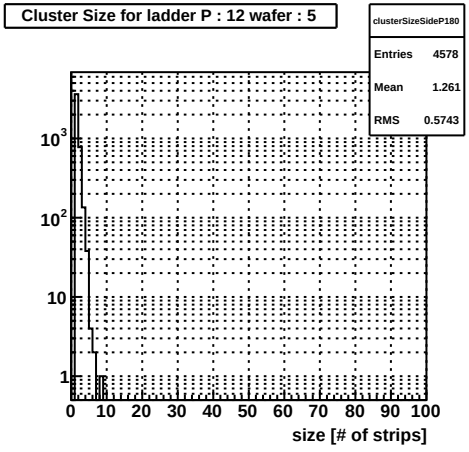

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 6532
Mean 1.185
RMS 0.5156
size [# of strips]

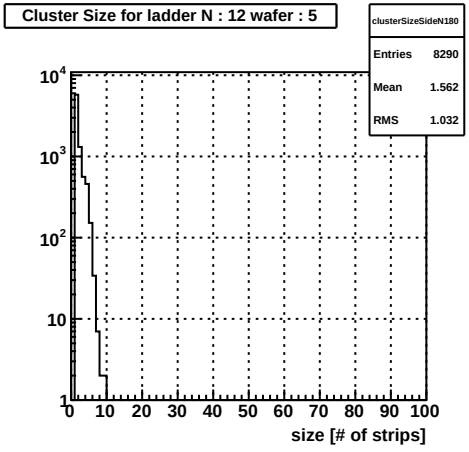

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 6495
Mean 1.221
RMS 0.5962
size [# of strips]

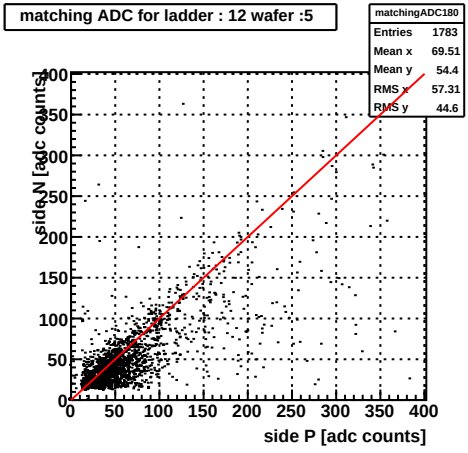

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1767
Mean x 70.1
Mean y 55.41
RMS x 62.29
RMS y 47.81
side N [adc counts]
side P [adc counts]

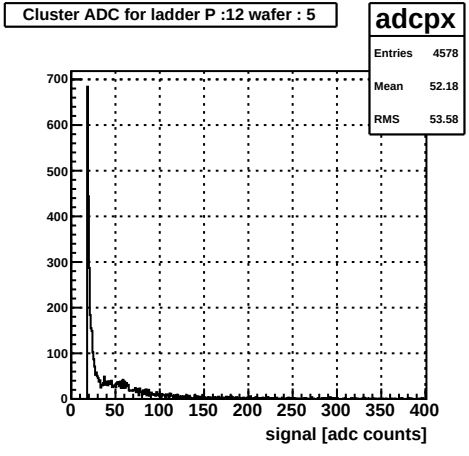

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 6532
Mean 44.02
RMS 48.56
signal [adc counts]

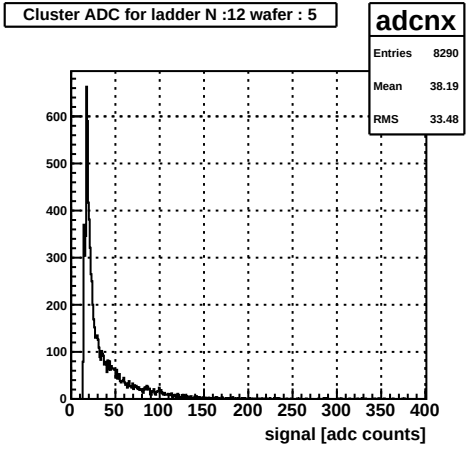

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 6495
Mean 31.12
RMS 34.96
signal [adc counts]

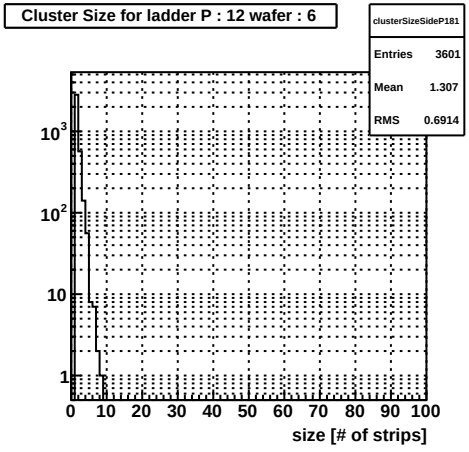

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 4578
Mean 1.261
RMS 0.5743
size [# of strips]

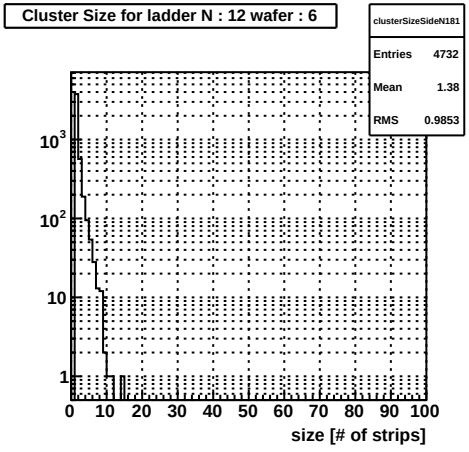

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 8290
Mean 1.562
RMS 1.032
size [# of strips]

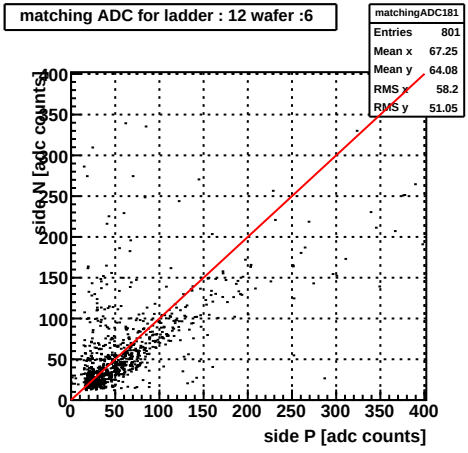

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 1783
Mean x 69.51
Mean y 54.4
RMS x 57.31
RMS y 44.6
side N [adc counts]
side P [adc counts]

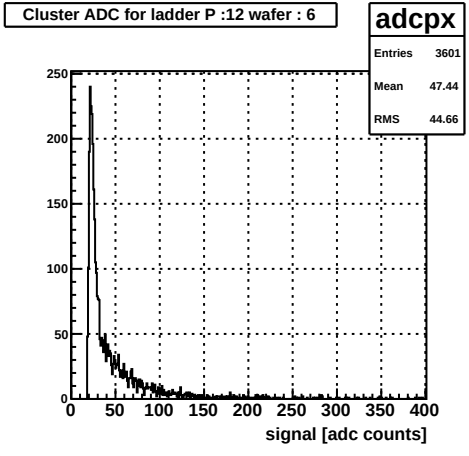

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 4578
Mean 52.18
RMS 53.58
signal [adc counts]

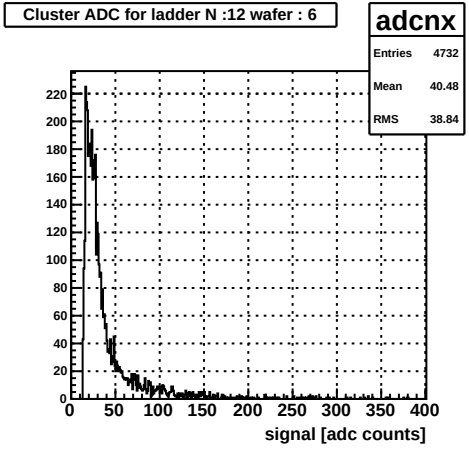

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 8290
Mean 38.19
RMS 33.48
signal [adc counts]

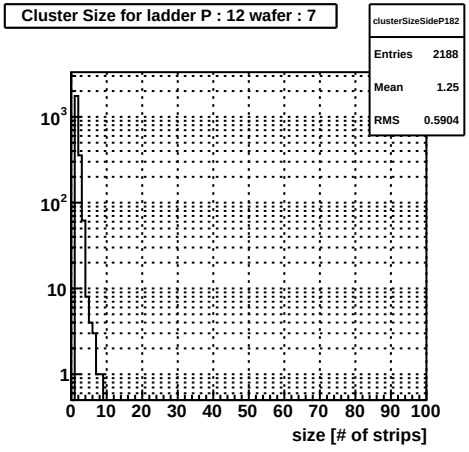

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 3601
Mean 1.307
RMS 0.6914
size [# of strips]

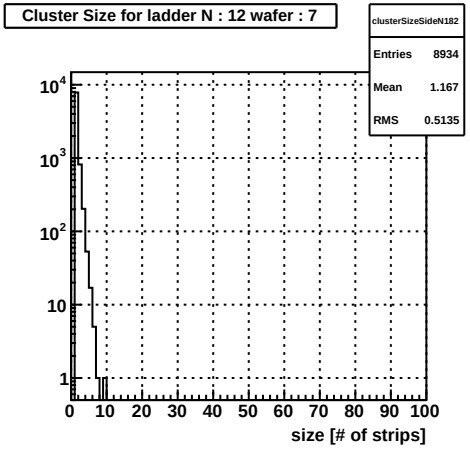

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 4732
Mean 1.38
RMS 0.9853
size [# of strips]

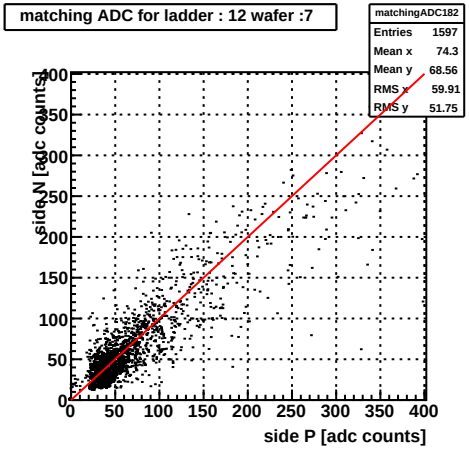

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 801
Mean x 67.25
Mean y 64.08
RMS x 58.2
RMS y 51.05
side N [adc counts]
side P [adc counts]

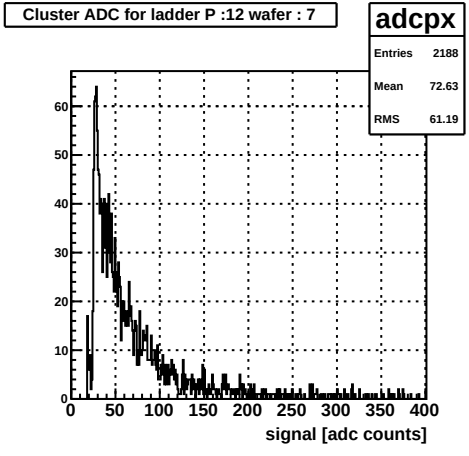

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 3601
Mean 47.44
RMS 44.66
signal [adc counts]

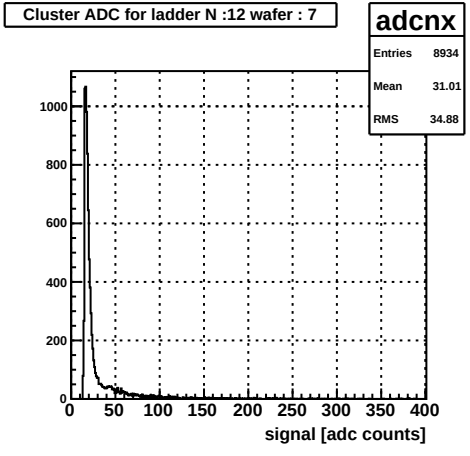

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 4732
Mean 40.48
RMS 38.84
signal [adc counts]

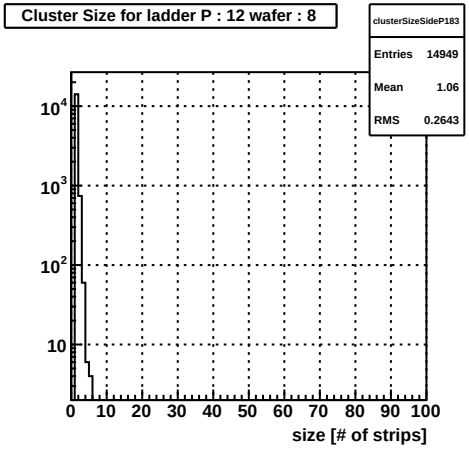

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 2188
Mean 1.25
RMS 0.5904
size [# of strips]

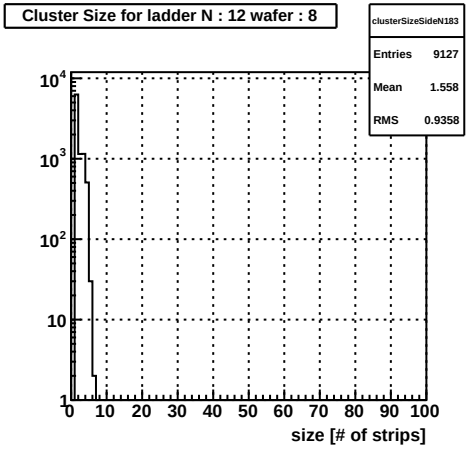

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 8934
Mean 1.167
RMS 0.5135
size [# of strips]

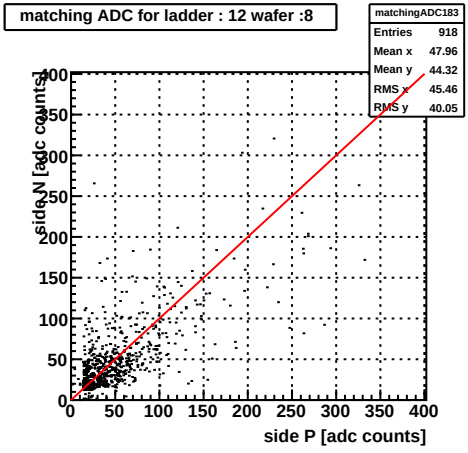

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 1597
Mean x 74.3
Mean y 68.56
RMS x 59.91
RMS y 51.75
side N [adc counts]
side P [adc counts]

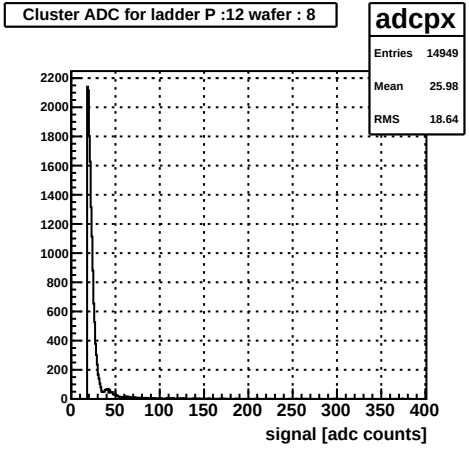

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 2188
Mean 72.63
RMS 61.19
signal [adc counts]

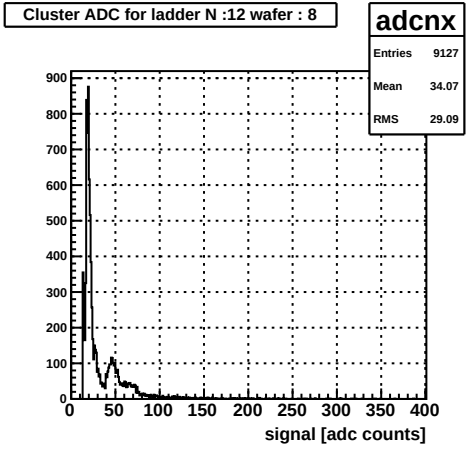

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 8934
Mean 31.01
RMS 34.88
signal [adc counts]

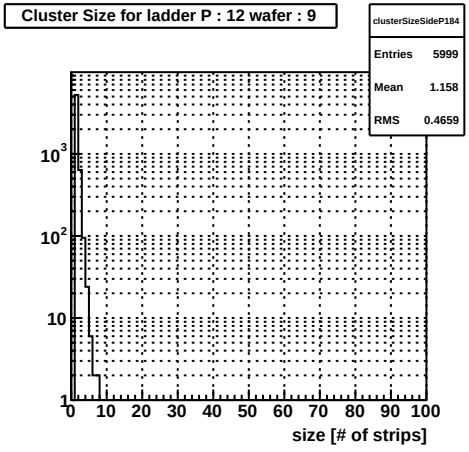

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 14949
Mean 1.06
RMS 0.2643
size [# of strips]

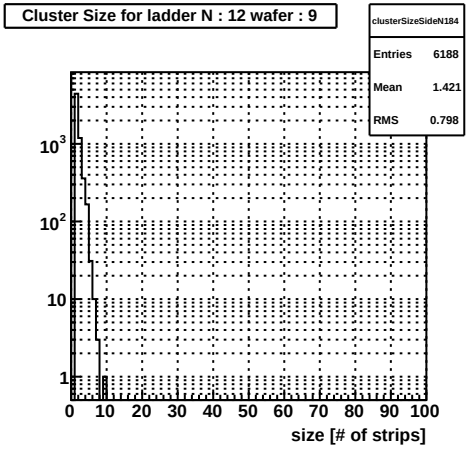

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 9127
Mean 1.558
RMS 0.9358
size [# of strips]

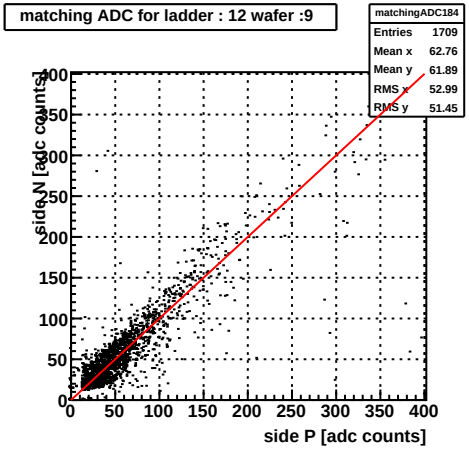

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 918
Mean x 47.96
Mean y 44.32
RMS x 45.46
RMS y 40.05
side N [adc counts]
side P [adc counts]

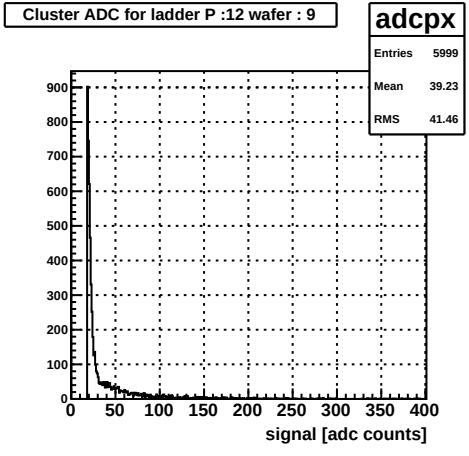

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 14949
Mean 25.98
RMS 18.64
signal [adc counts]

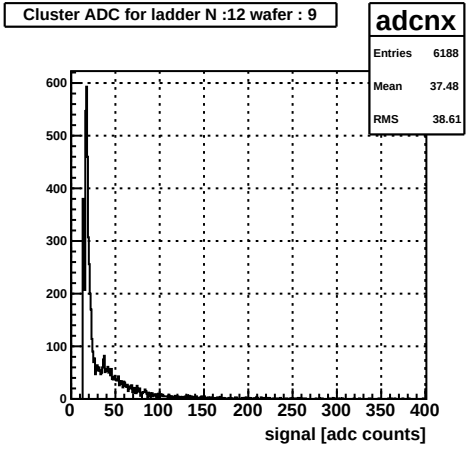

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 9127
Mean 34.07
RMS 29.09
signal [adc counts]

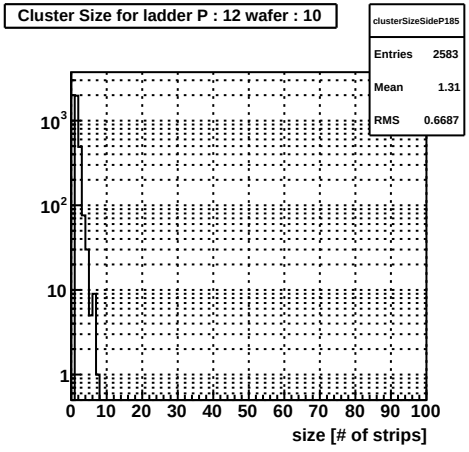

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 5999
Mean 1.158
RMS 0.4659
size [# of strips]

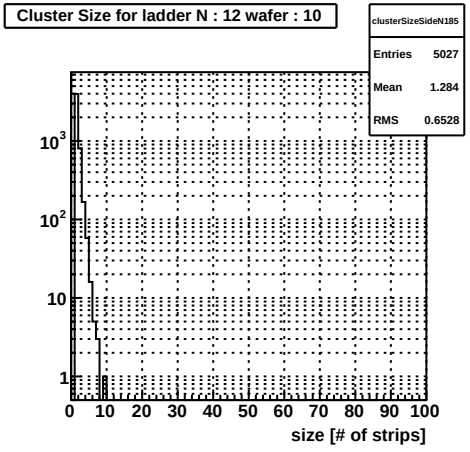

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 6188
Mean 1.421
RMS 0.798
size [# of strips]

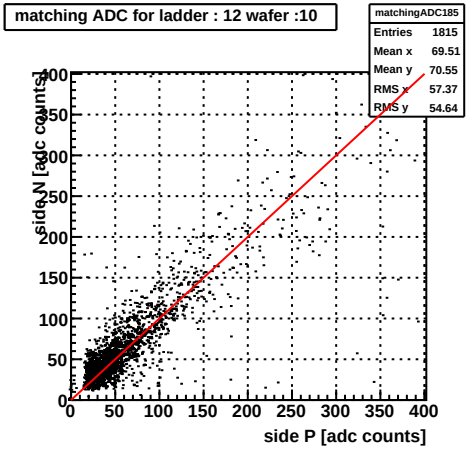

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1709
Mean x 62.76
Mean y 61.89
RMS x 52.99
RMS y 51.45
side N [adc counts]
side P [adc counts]

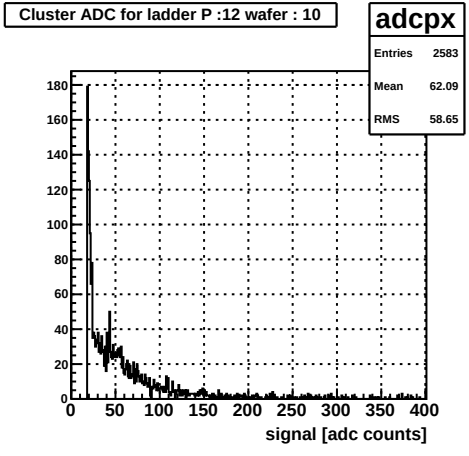

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 5999
Mean 39.23
RMS 41.46
signal [adc counts]

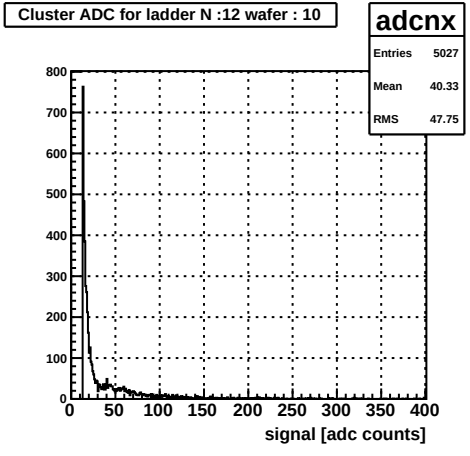

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 6188
Mean 37.48
RMS 38.61
signal [adc counts]

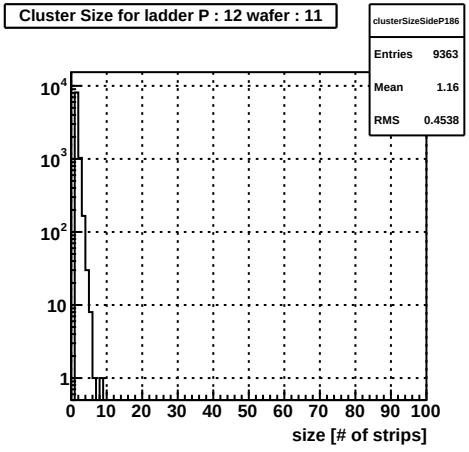

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2583
Mean 1.31
RMS 0.6687
size [# of strips]

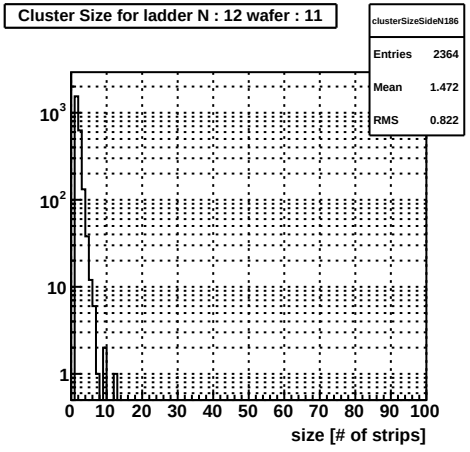

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 5027
Mean 1.284
RMS 0.6528
size [# of strips]

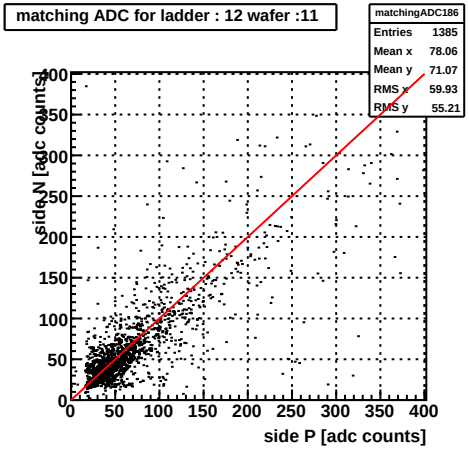

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1815
Mean x 69.51
Mean y 70.55
RMS x 57.37
RMS y 54.64
side N [adc counts]
side P [adc counts]

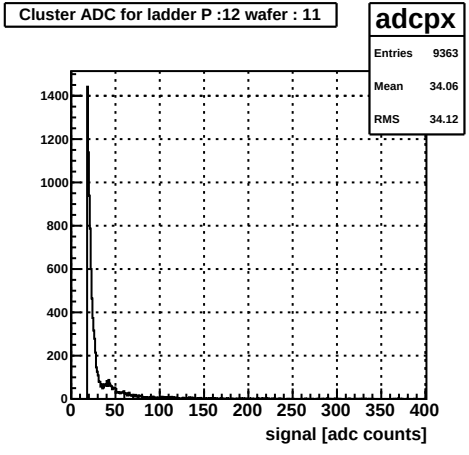

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2583
Mean 62.09
RMS 58.65
signal [adc counts]

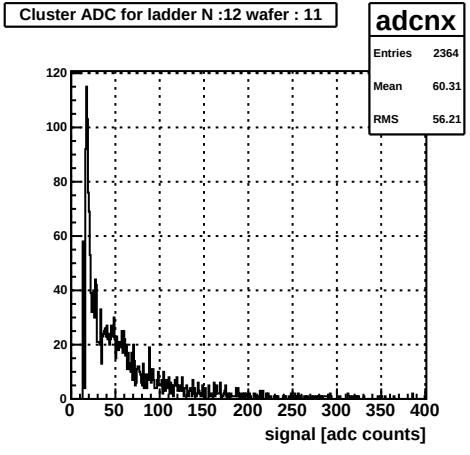

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 5027
Mean 40.33
RMS 47.75
signal [adc counts]

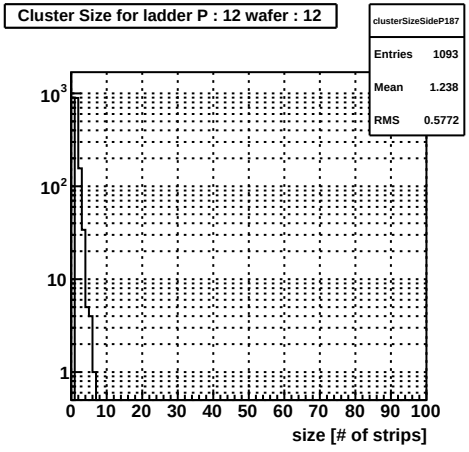

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 9363
Mean 1.16
RMS 0.4538
size [# of strips]

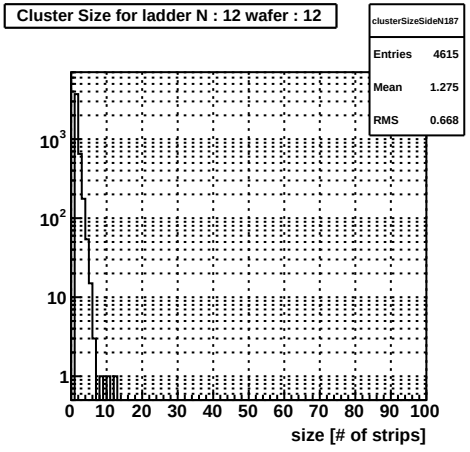

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2364
Mean 1.472
RMS 0.822
size [# of strips]

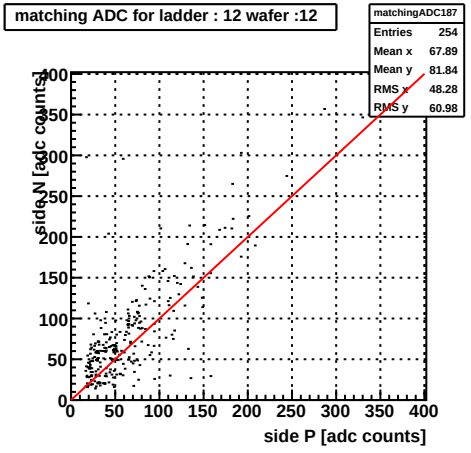

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1385
Mean x 78.06
Mean y 71.07
RMS x 59.93
RMS y 55.21
side N [adc counts]
side P [adc counts]

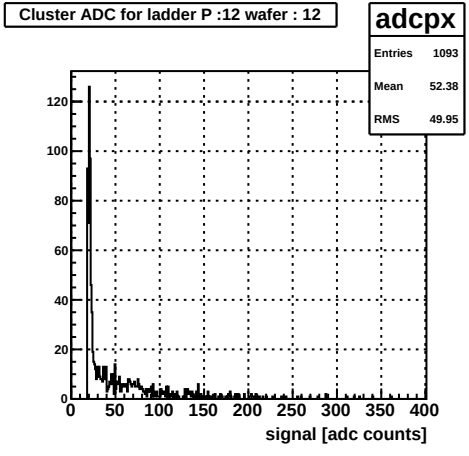

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 9363
Mean 34.06
RMS 34.12
signal [adc counts]

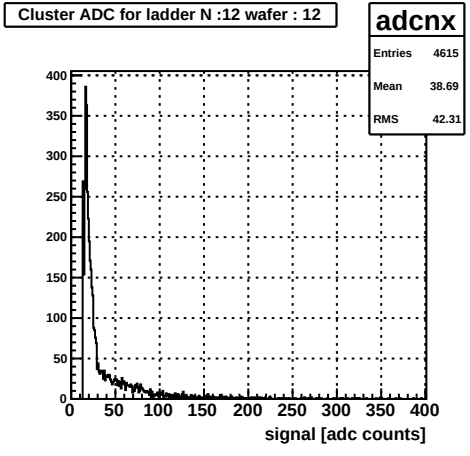

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2364
Mean 60.31
RMS 56.21
signal [adc counts]

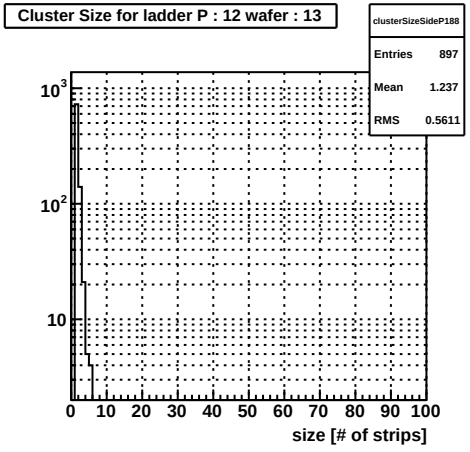

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 1093
Mean 1.238
RMS 0.5772
size [# of strips]

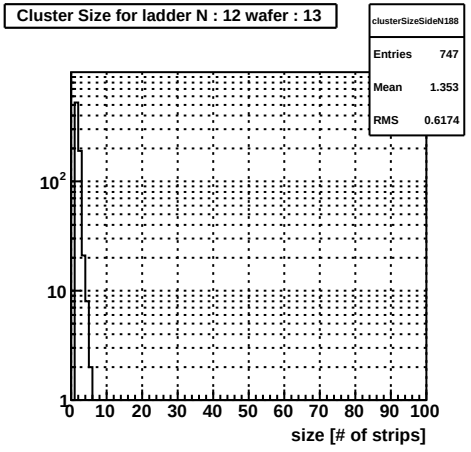

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 4615
Mean 1.275
RMS 0.668
size [# of strips]

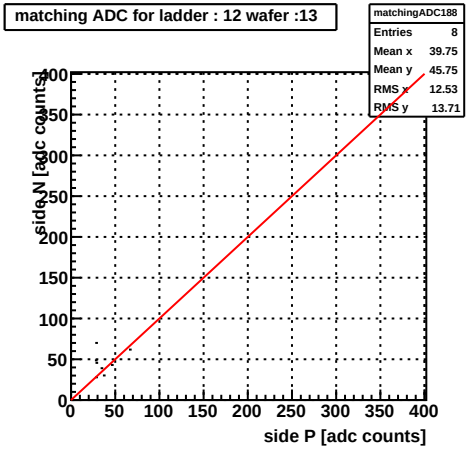

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 254
Mean x 67.89
Mean y 81.84
RMS x 48.28
RMS y 60.98
side N [adc counts]
side P [adc counts]

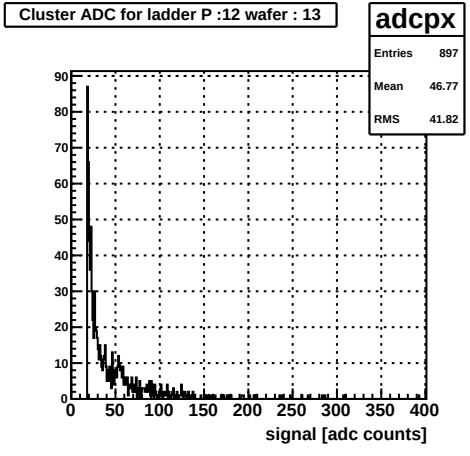

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 1093
Mean 52.38
RMS 49.95
signal [adc counts]

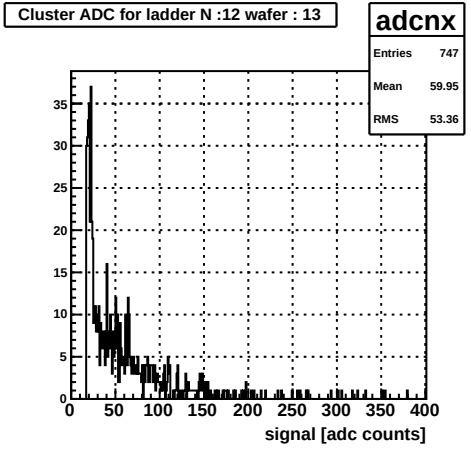

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 4615
Mean 38.69
RMS 42.31
signal [adc counts]

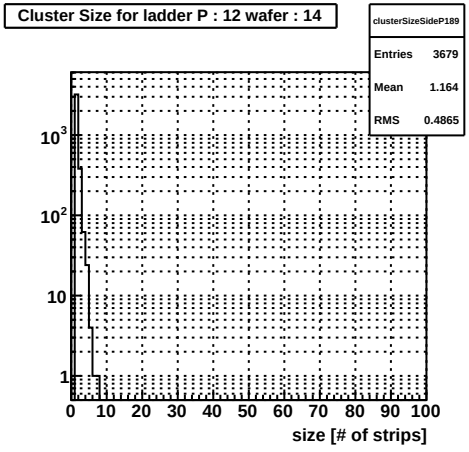

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 897
Mean 1.237
RMS 0.5611
size [# of strips]

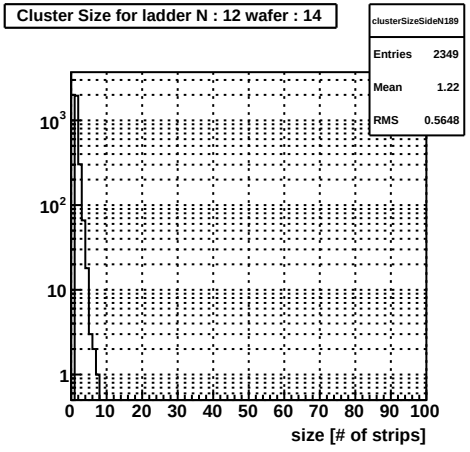

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 747
Mean 1.353
RMS 0.6174
size [# of strips]

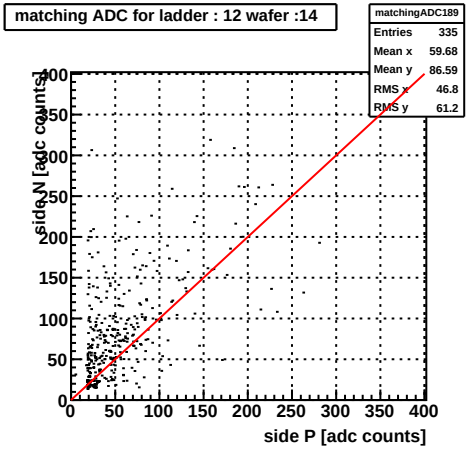

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 8
Mean x 39.75
Mean y 45.75
RMS x 12.53
RMS y 13.71
side N [adc counts]
side P [adc counts]

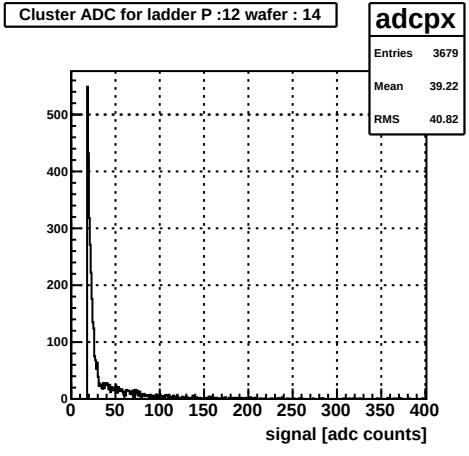

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 897
Mean 46.77
RMS 41.82
signal [adc counts]

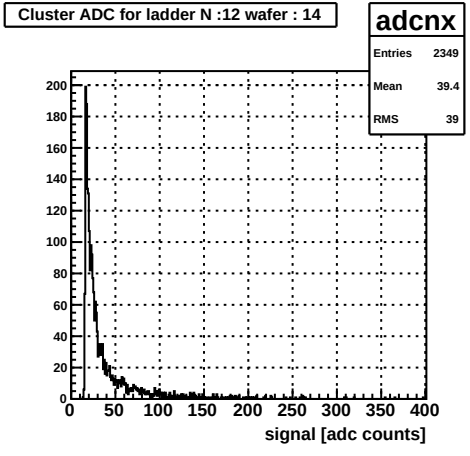

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 747
Mean 59.95
RMS 53.36
signal [adc counts]

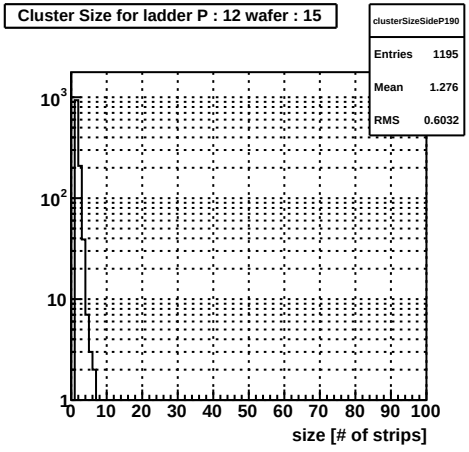

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 3679
Mean 1.164
RMS 0.4865
size [# of strips]

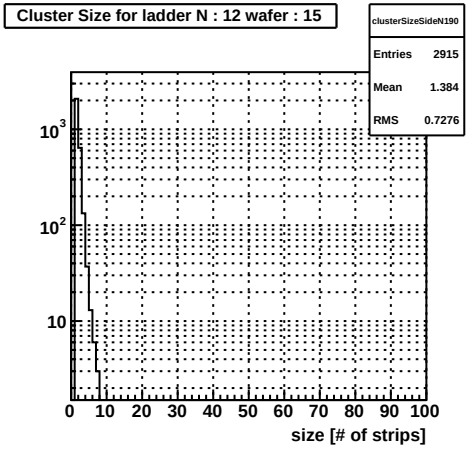

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2349
Mean 1.22
RMS 0.5648
size [# of strips]

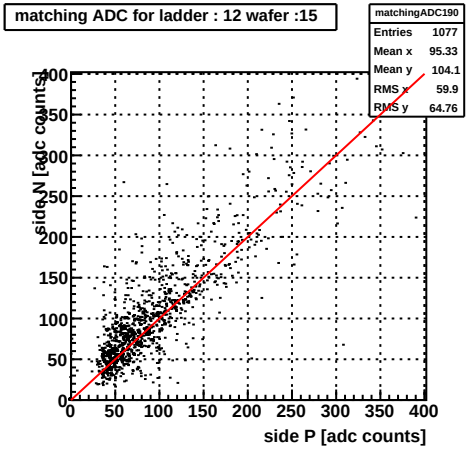

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 335
Mean x 59.68
Mean y 86.59
RMS x 46.8
RMS y 61.2
side N [adc counts]
side P [adc counts]

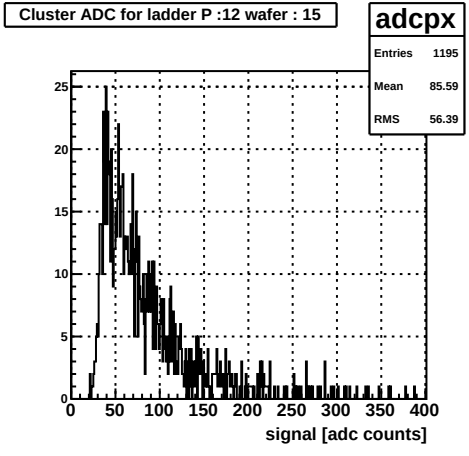

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 3679
Mean 39.22
RMS 40.82
signal [adc counts]

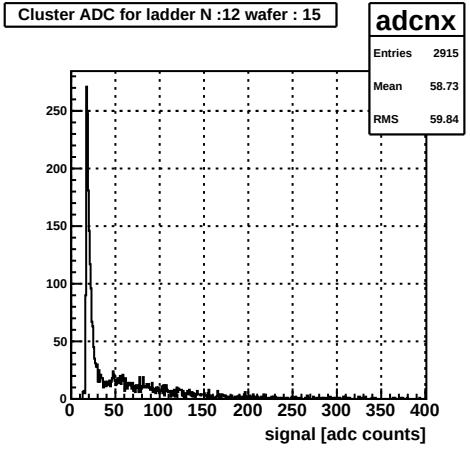

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2349
Mean 39.4
RMS 39
signal [adc counts]

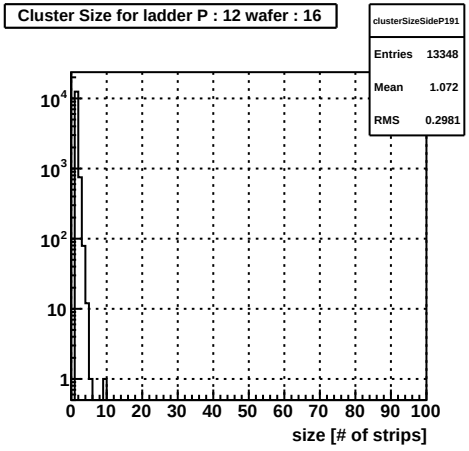

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1195
Mean 1.276
RMS 0.6032
size [# of strips]

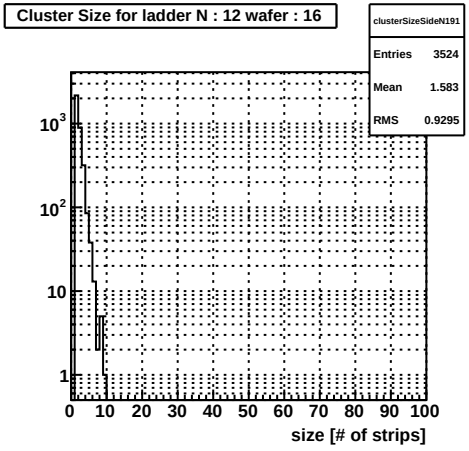

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2915
Mean 1.384
RMS 0.7276
size [# of strips]

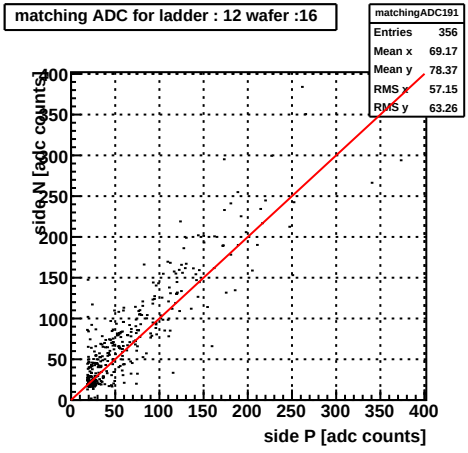

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1077
Mean x 95.33
Mean y 104.1
RMS x 59.9
RMS y 64.76
side N [adc counts]
side P [adc counts]

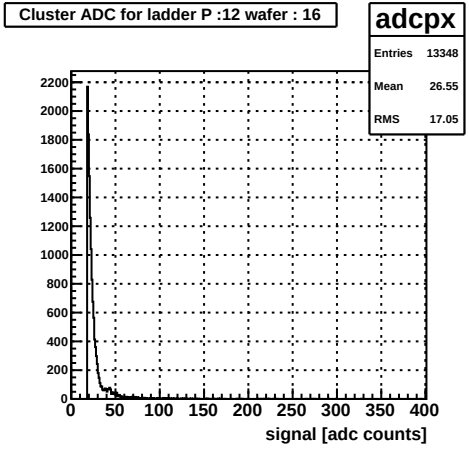

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1195
Mean 85.59
RMS 56.39
signal [adc counts]

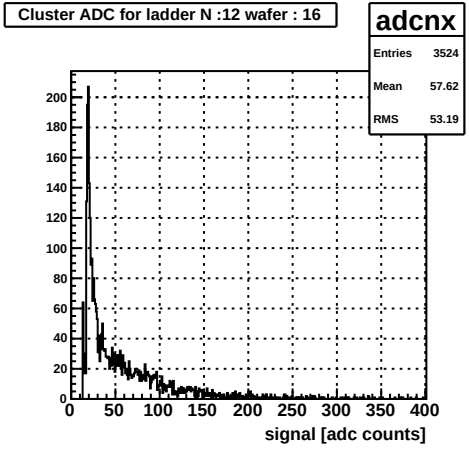

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2915
Mean 58.73
RMS 59.84
signal [adc counts]

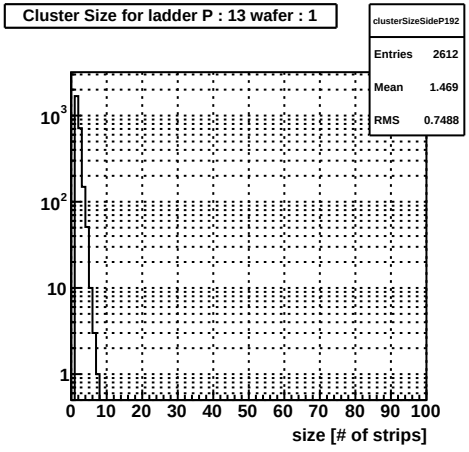

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 13348
Mean 1.072
RMS 0.2981
size [# of strips]

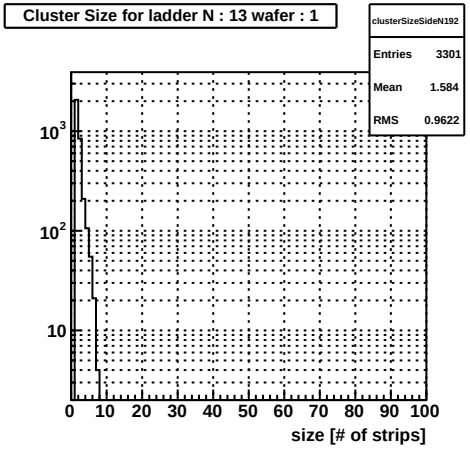

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3524
Mean 1.583
RMS 0.9295
size [# of strips]

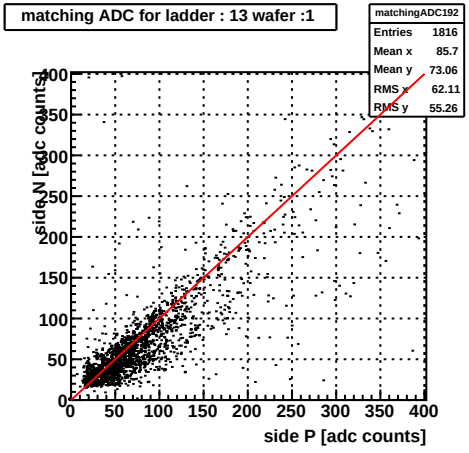

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 356
Mean x 69.17
Mean y 78.37
RMS x 57.15
RMS y 63.26
side N [adc counts]
side P [adc counts]

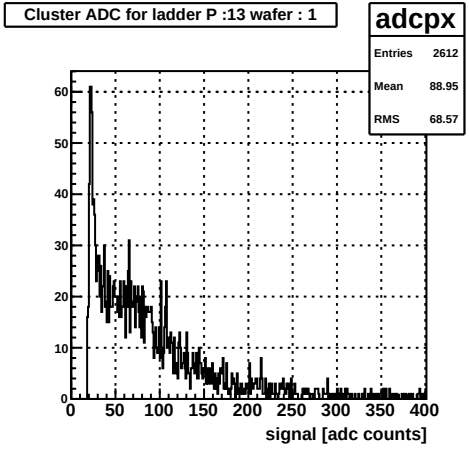

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 13348
Mean 26.55
RMS 17.05
signal [adc counts]

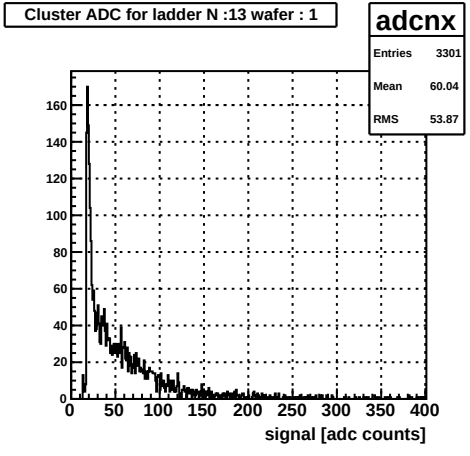

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3524
Mean 57.62
RMS 53.19
signal [adc counts]

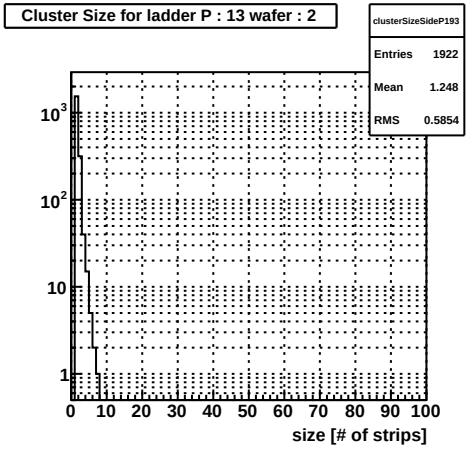

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2612
Mean 1.469
RMS 0.7488
size [# of strips]

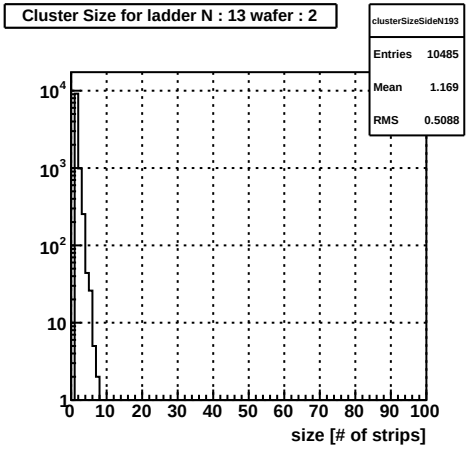

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3301
Mean 1.584
RMS 0.9622
size [# of strips]

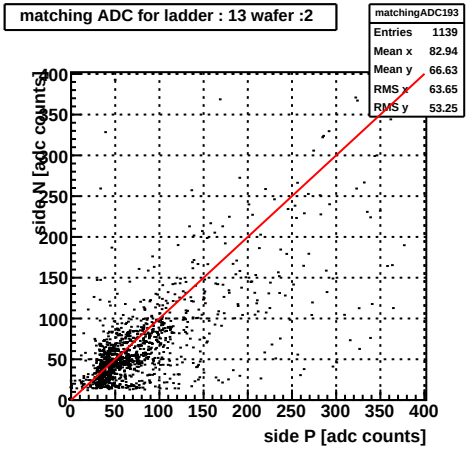

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1816
Mean x 85.7
Mean y 73.06
RMS x 62.11
RMS y 55.26
side N [adc counts]
side P [adc counts]

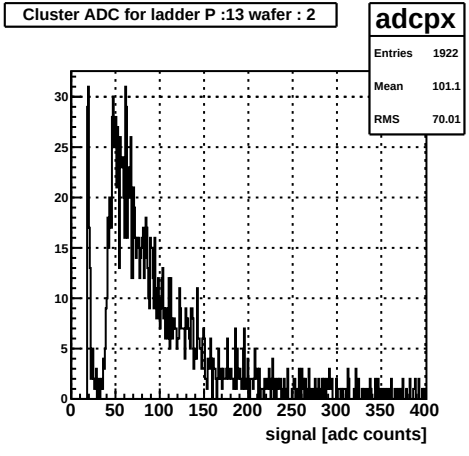

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2612
Mean 88.95
RMS 68.57
signal [adc counts]

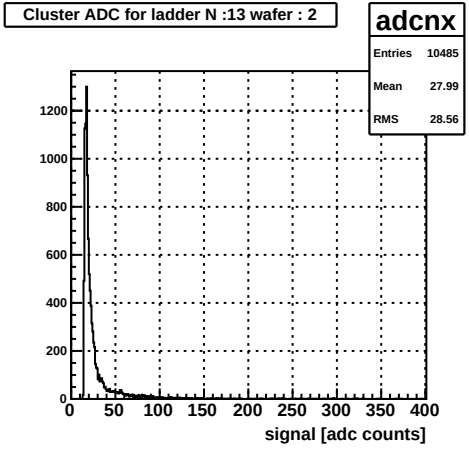

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3301
Mean 60.04
RMS 53.87
signal [adc counts]

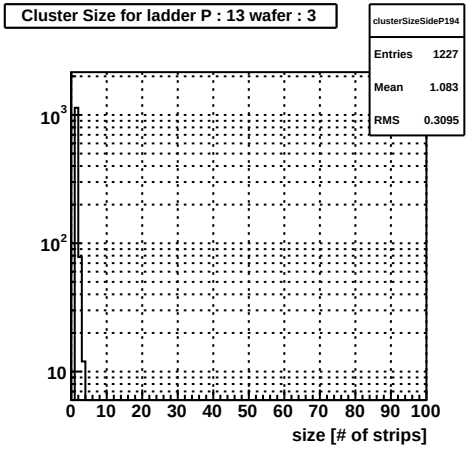

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1922
Mean 1.248
RMS 0.5854
size [# of strips]

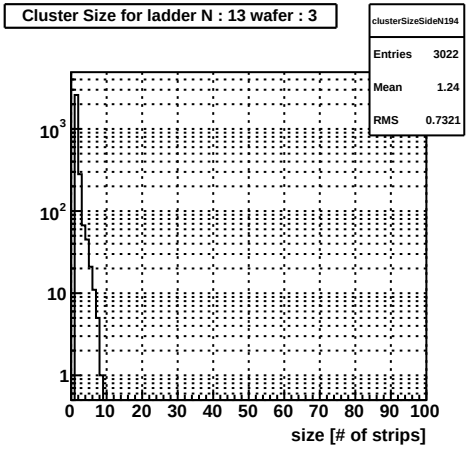

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 10485
Mean 1.169
RMS 0.5088
size [# of strips]

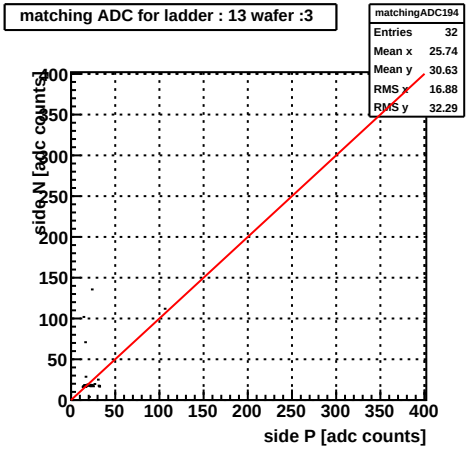

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1139
Mean x 82.94
Mean y 66.63
RMS x 63.65
RMS y 53.25
side N [adc counts]
side P [adc counts]

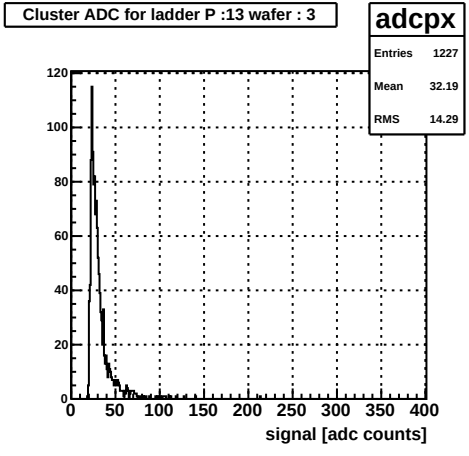

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1922
Mean 101.1
RMS 70.01
signal [adc counts]

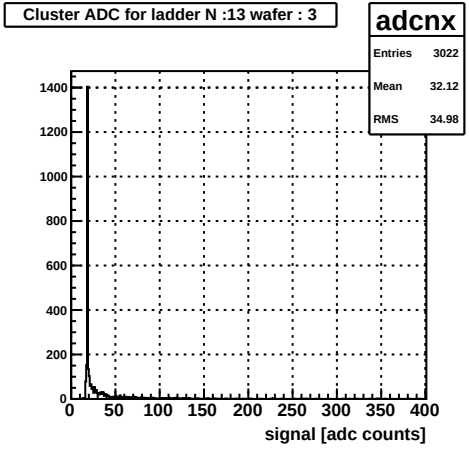

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 10485
Mean 27.99
RMS 28.56
signal [adc counts]

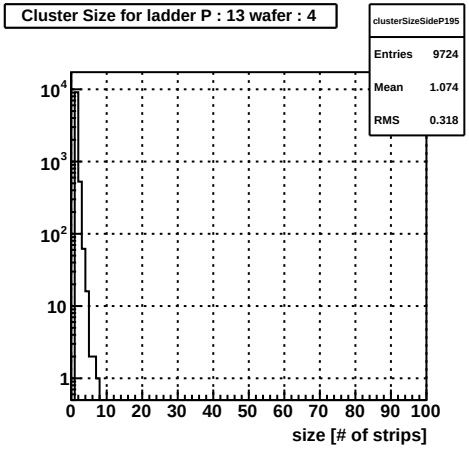

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1227
Mean 1.083
RMS 0.3095
size [# of strips]

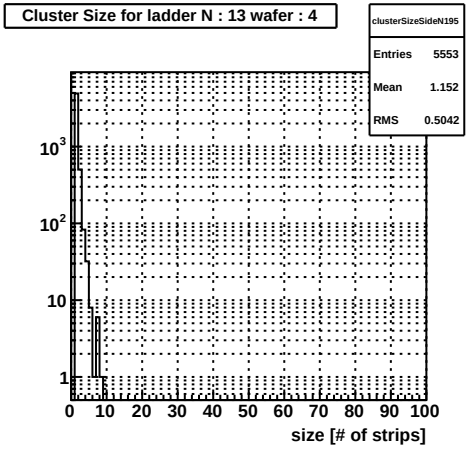

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 3022
Mean 1.24
RMS 0.7321
size [# of strips]

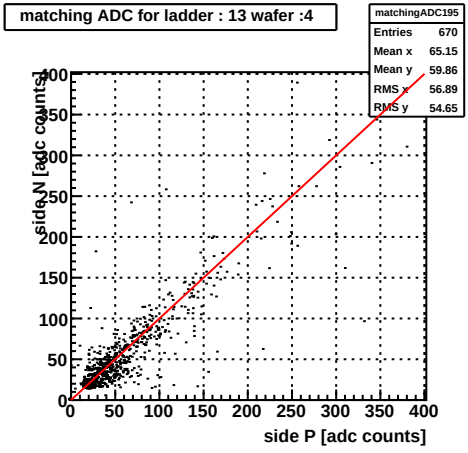

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 32
Mean x 25.74
Mean y 30.63
RMS x 16.88
RMS y 32.29
side N [adc counts]
side P [adc counts]

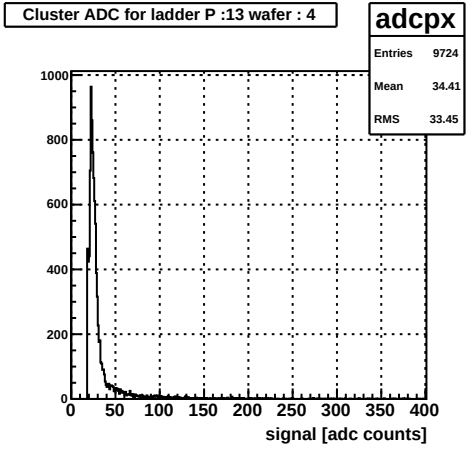

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1227
Mean 32.19
RMS 14.29
signal [adc counts]

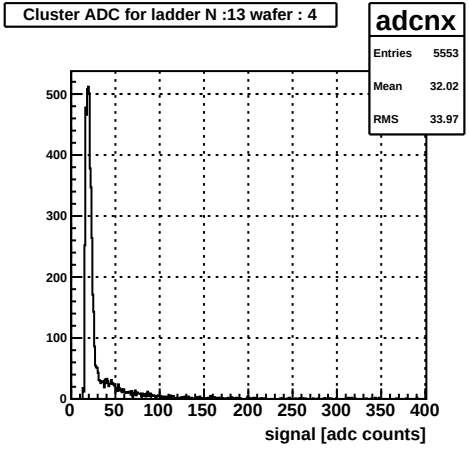

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 3022
Mean 32.12
RMS 34.98
signal [adc counts]

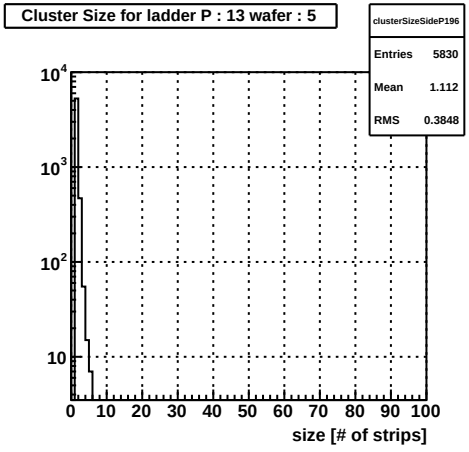

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 9724
Mean 1.074
RMS 0.318
size [# of strips]

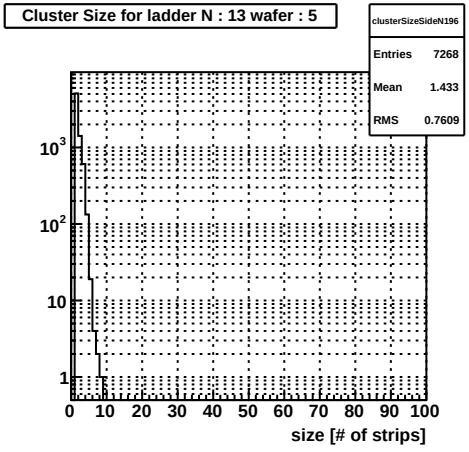

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 5553
Mean 1.152
RMS 0.5042
size [# of strips]

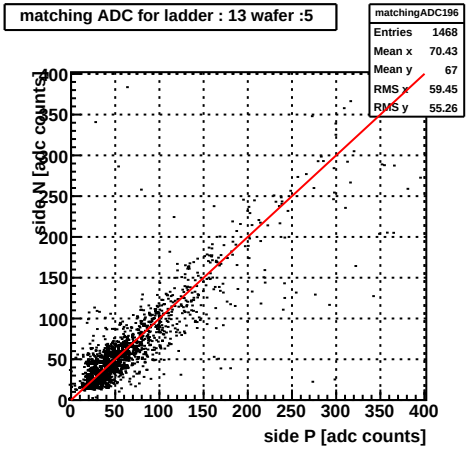

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 670
Mean x 65.15
Mean y 59.86
RMS x 56.89
RMS y 54.65
side N [adc counts]
side P [adc counts]

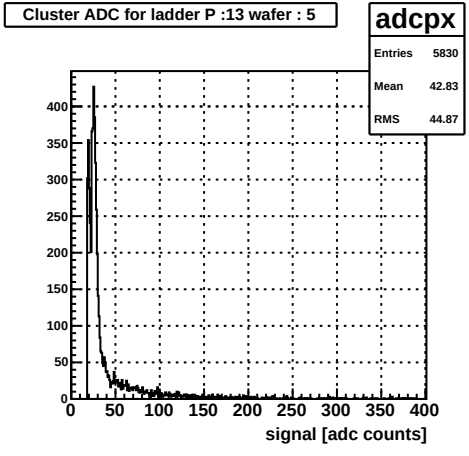

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 9724
Mean 34.41
RMS 33.45
signal [adc counts]

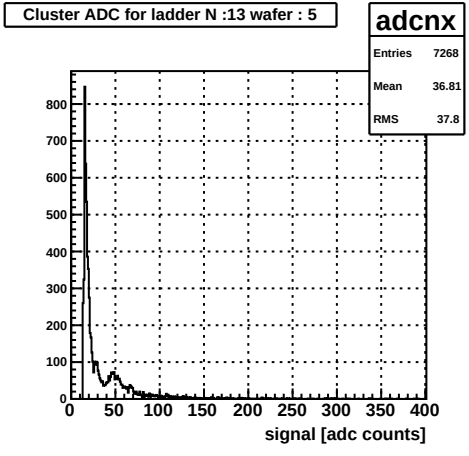

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 5553
Mean 32.02
RMS 33.97
signal [adc counts]

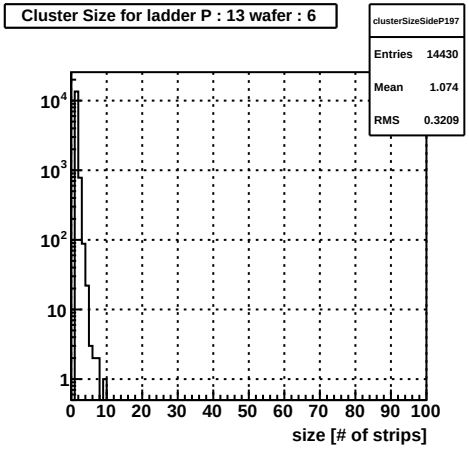

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 5830
Mean 1.112
RMS 0.3848
size [# of strips]

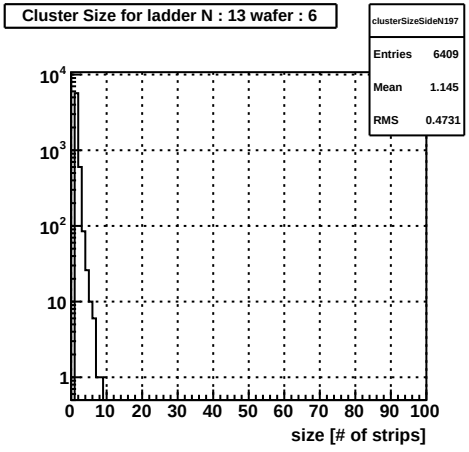

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 7268
Mean 1.433
RMS 0.7609
size [# of strips]

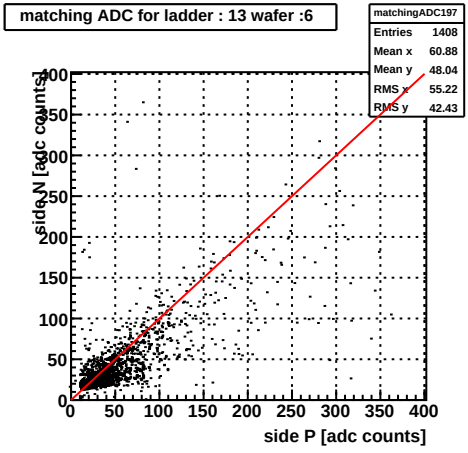

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1468
Mean x 70.43
Mean y 67
RMS x 59.45
RMS y 55.26
side N [adc counts]
side P [adc counts]

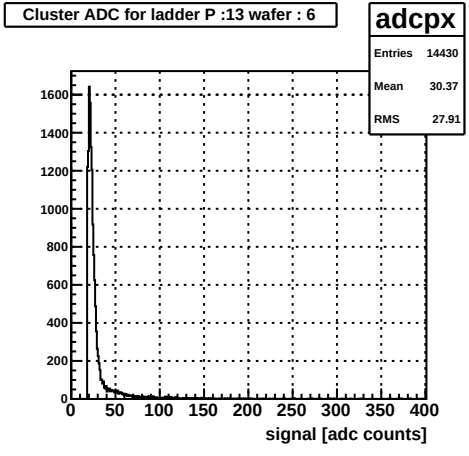

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 5830
Mean 42.83
RMS 44.87
signal [adc counts]

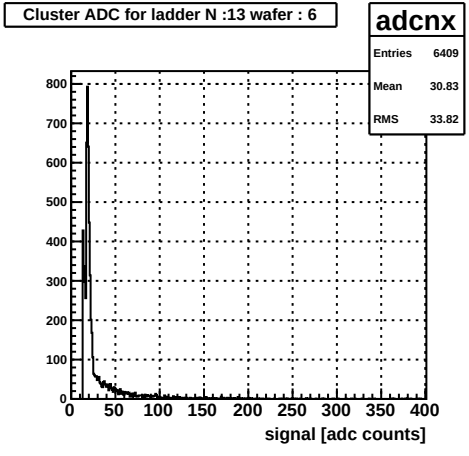

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 7268
Mean 36.81
RMS 37.8
signal [adc counts]

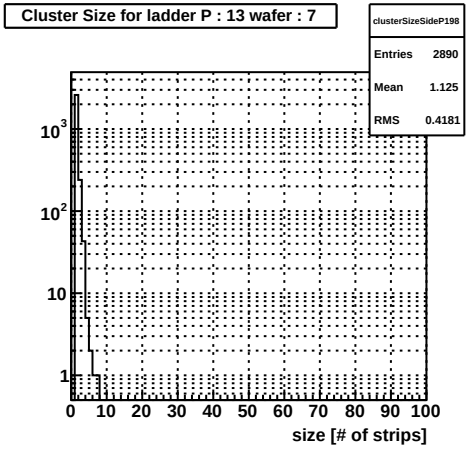

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 14430
Mean 1.074
RMS 0.3209
size [# of strips]

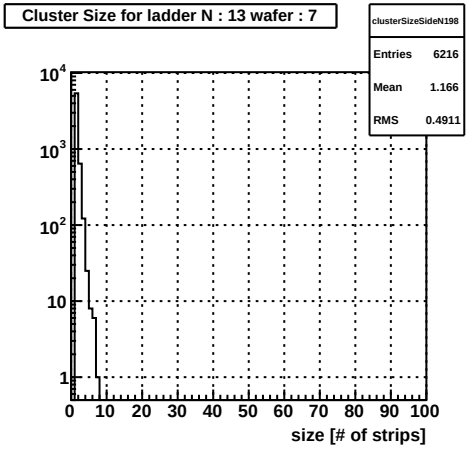

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 6409
Mean 1.145
RMS 0.4731
size [# of strips]

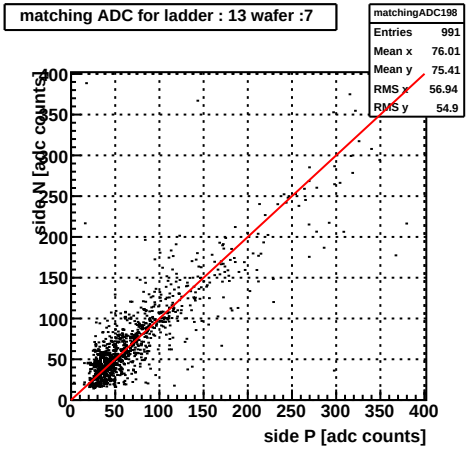

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1408
Mean x 60.88
Mean y 48.04
RMS x 55.22
RMS y 42.43
side N [adc counts]
side P [adc counts]

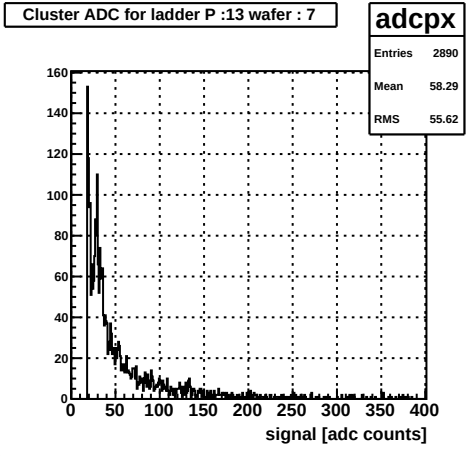

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 14430
Mean 30.37
RMS 27.91
signal [adc counts]

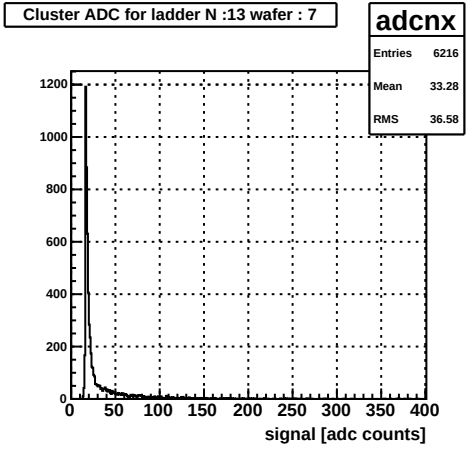

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 6409
Mean 30.83
RMS 33.82
signal [adc counts]

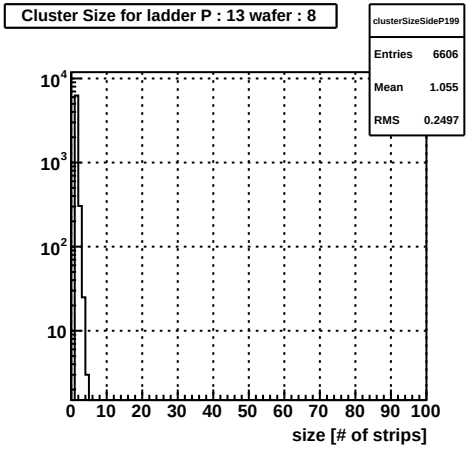

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2890
Mean 1.125
RMS 0.4181
size [# of strips]

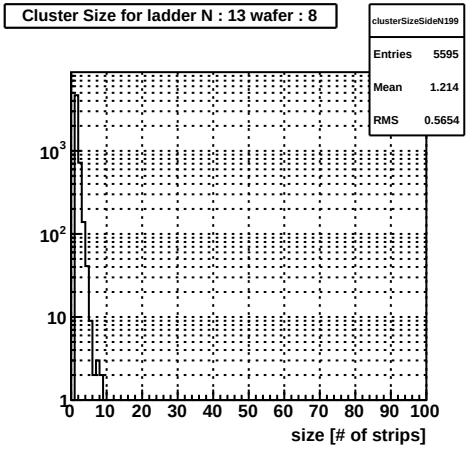

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 6216
Mean 1.166
RMS 0.4911
size [# of strips]

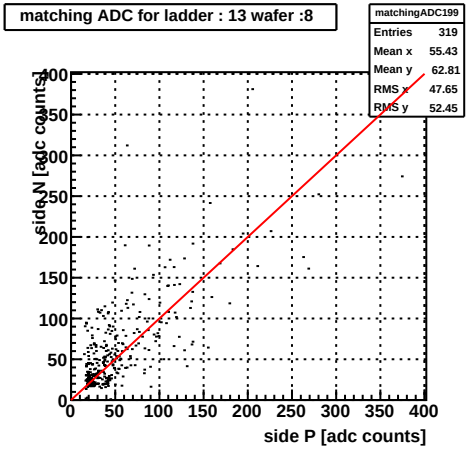

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 991
Mean x 76.01
Mean y 75.41
RMS x 56.94
RMS y 54.9
side N [adc counts]
side P [adc counts]

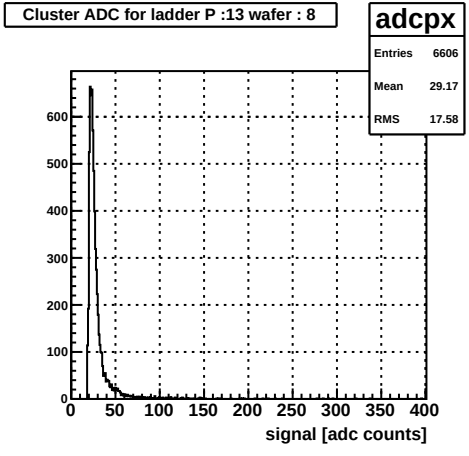

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2890
Mean 58.29
RMS 55.62
signal [adc counts]

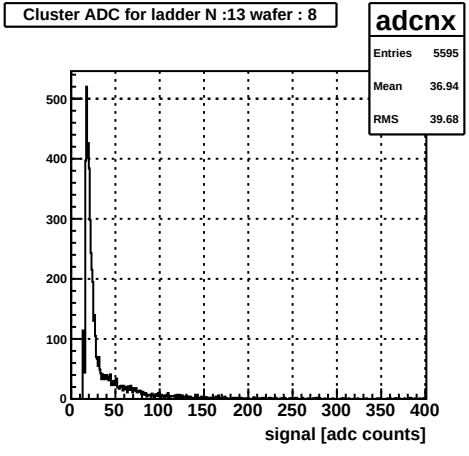

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 6216
Mean 33.28
RMS 36.58
signal [adc counts]

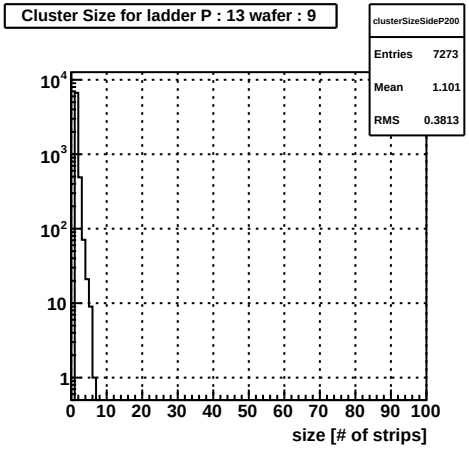

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 6606
Mean 1.055
RMS 0.2497
size [# of strips]

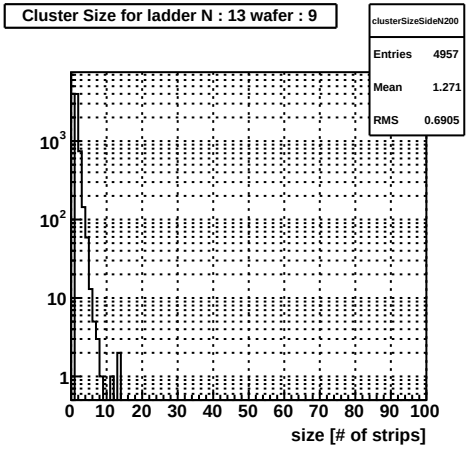

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 5595
Mean 1.214
RMS 0.5654
size [# of strips]

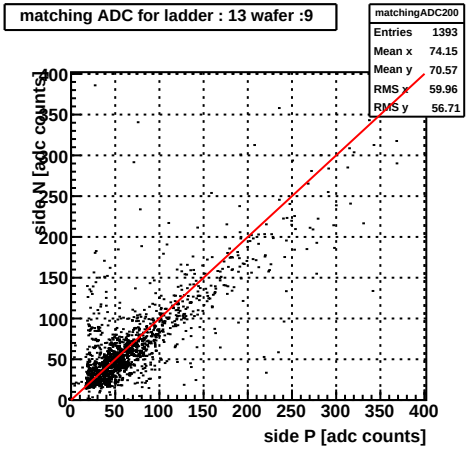

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 319
Mean x 55.43
Mean y 62.81
RMS x 47.65
RMS y 52.45
side N [adc counts]
side P [adc counts]

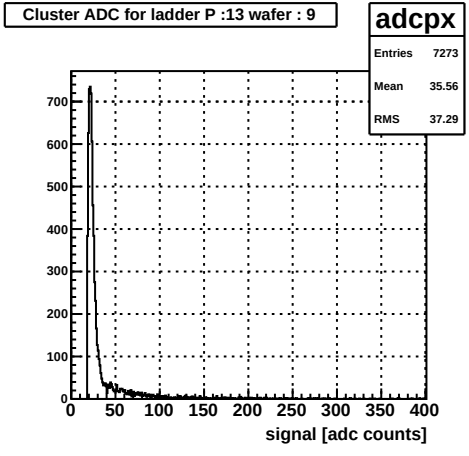

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 6606
Mean 29.17
RMS 17.58
signal [adc counts]

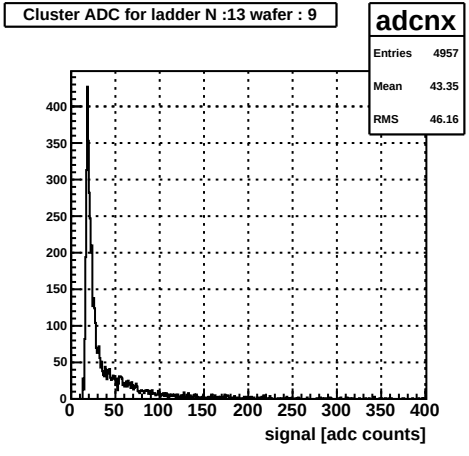

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 5595
Mean 36.94
RMS 39.68
signal [adc counts]

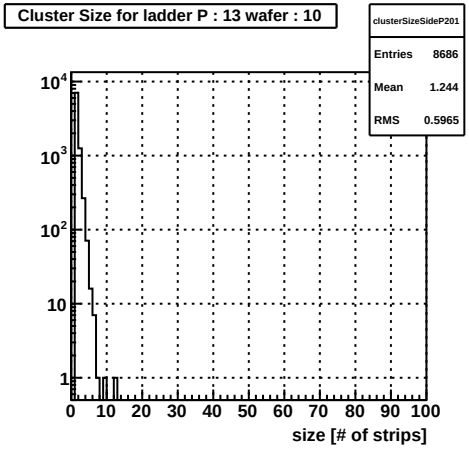

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 7273
Mean 1.101
RMS 0.3813
size [# of strips]

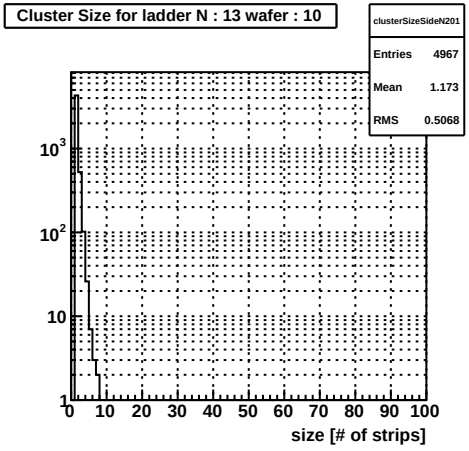

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4957
Mean 1.271
RMS 0.6905
size [# of strips]

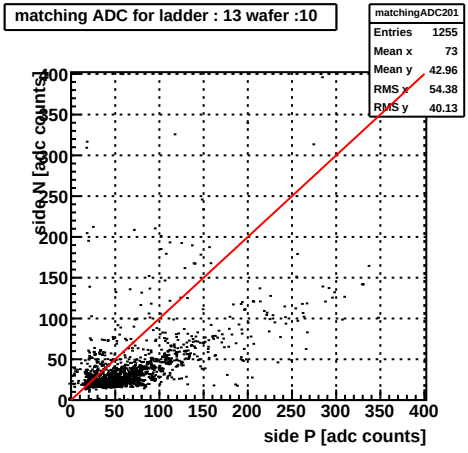

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1393
Mean x 74.15
Mean y 70.57
RMS x 59.96
RMS y 56.71
side N [adc counts]
side P [adc counts]

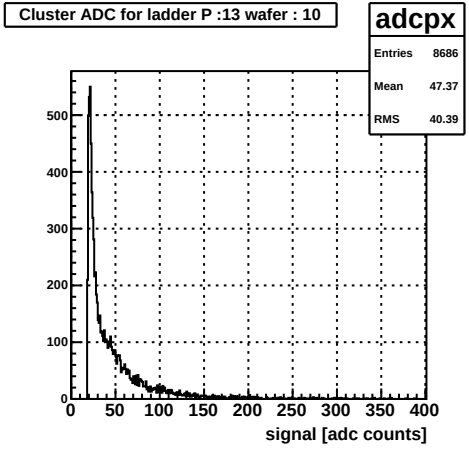

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 7273
Mean 35.56
RMS 37.29
signal [adc counts]

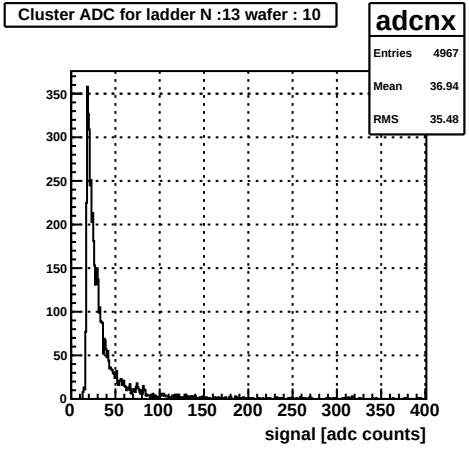

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4957
Mean 43.35
RMS 46.16
signal [adc counts]

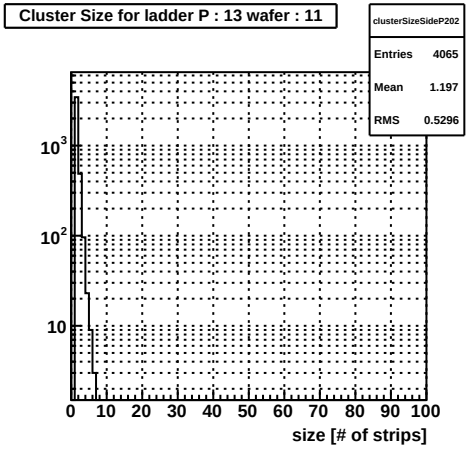

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 8686
Mean 1.244
RMS 0.5965
size [# of strips]

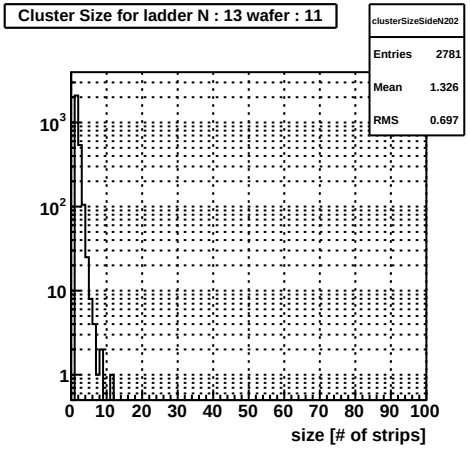

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4967
Mean 1.173
RMS 0.5068
size [# of strips]

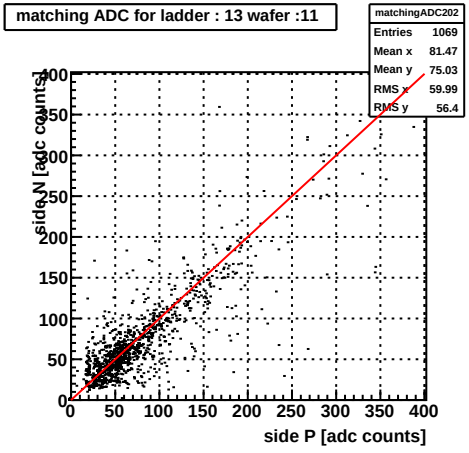

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1255
Mean x 73
Mean y 42.96
RMS x 54.38
RMS y 40.13
side N [adc counts]
side P [adc counts]

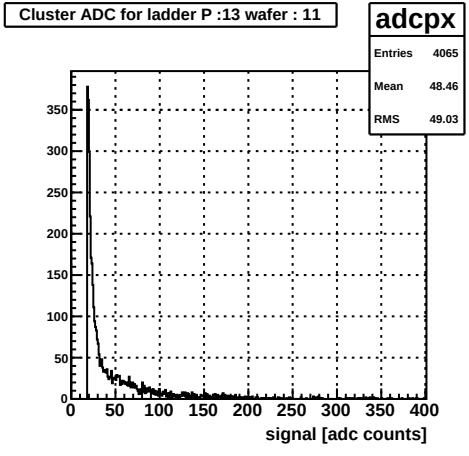

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 8686
Mean 47.37
RMS 40.39
signal [adc counts]

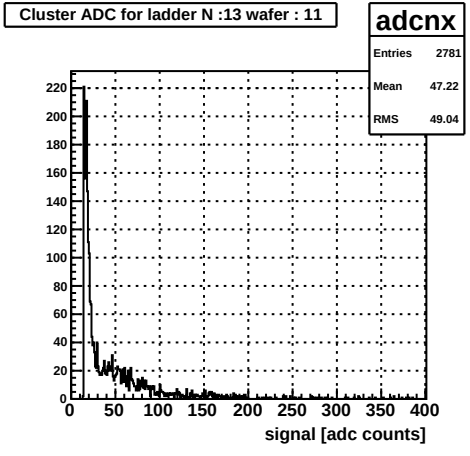

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4967
Mean 36.94
RMS 35.48
signal [adc counts]

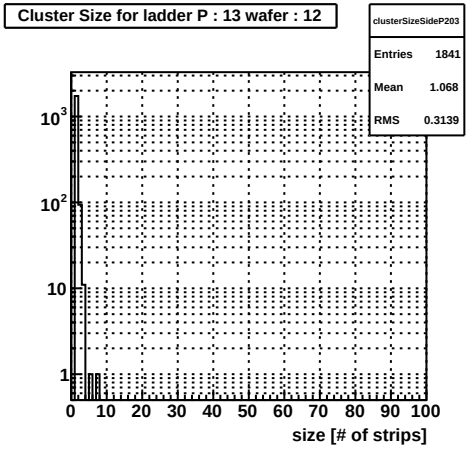

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 4065
Mean 1.197
RMS 0.5296
size [# of strips]

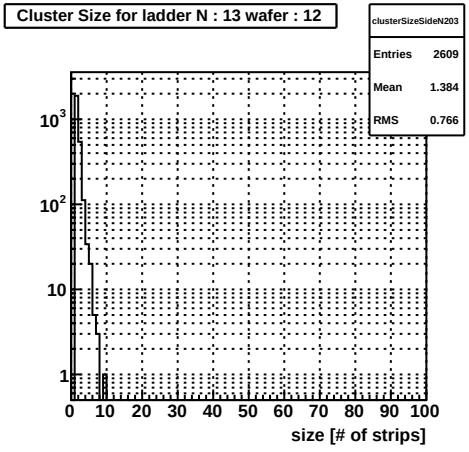

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2781
Mean 1.326
RMS 0.697
size [# of strips]

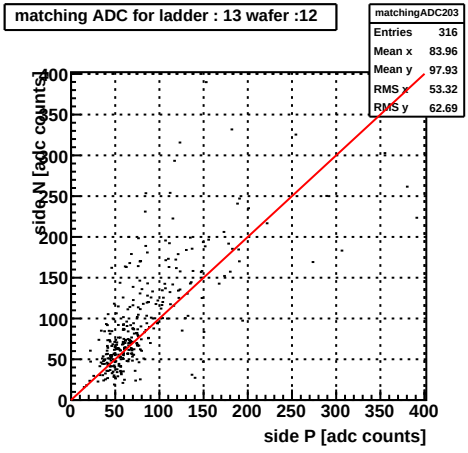

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1069
Mean x 81.47
Mean y 75.03
RMS x 59.99
RMS y 56.4
side N [adc counts]
side P [adc counts]

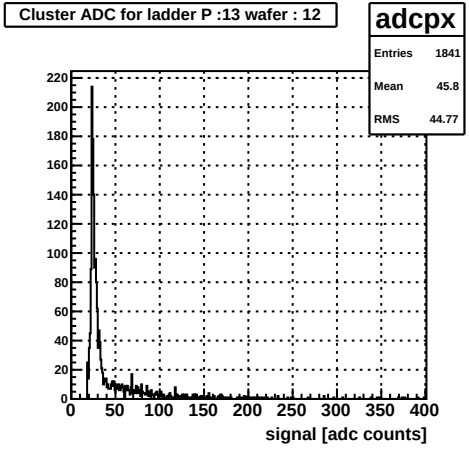

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 4065
Mean 48.46
RMS 49.03
signal [adc counts]

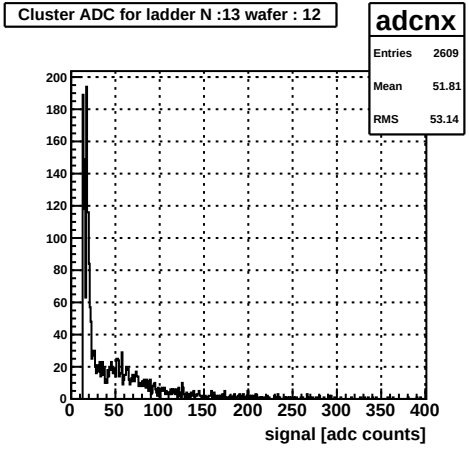

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2781
Mean 47.22
RMS 49.04
signal [adc counts]

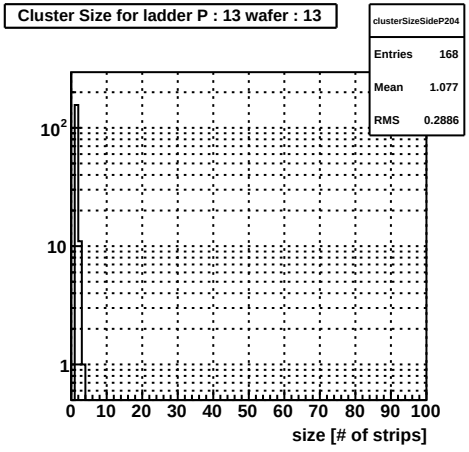

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1841
Mean 1.068
RMS 0.3139
size [# of strips]

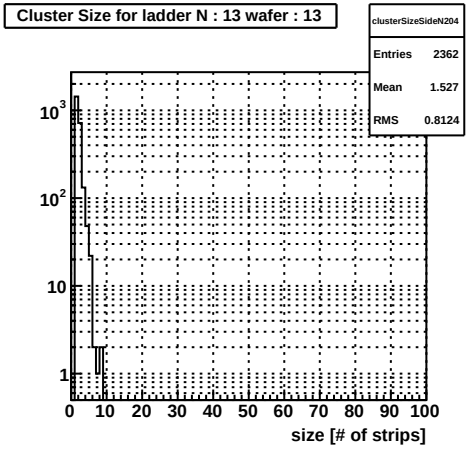

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2609
Mean 1.384
RMS 0.766
size [# of strips]

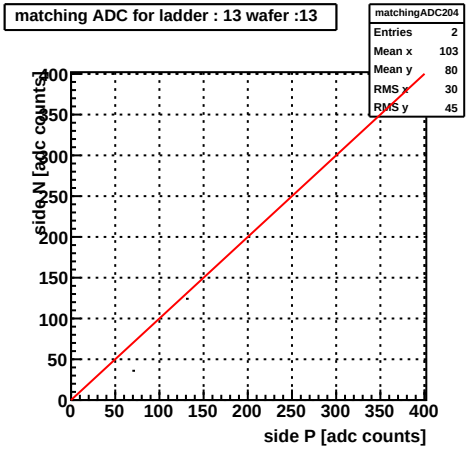

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 316
Mean x 83.96
Mean y 97.93
RMS x 53.32
RMS y 62.69
side N [adc counts]
side P [adc counts]

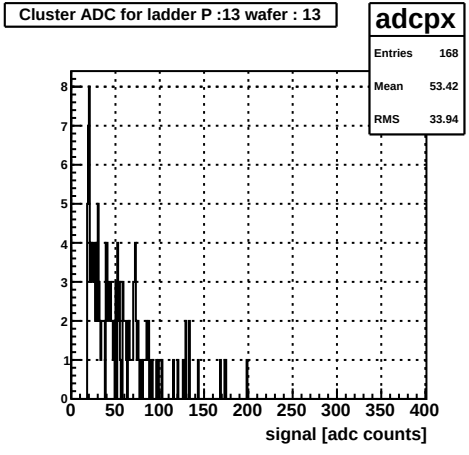

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1841
Mean 45.8
RMS 44.77
signal [adc counts]

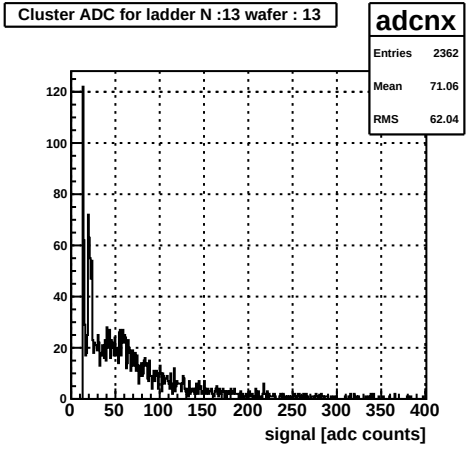

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2609
Mean 51.81
RMS 53.14
signal [adc counts]

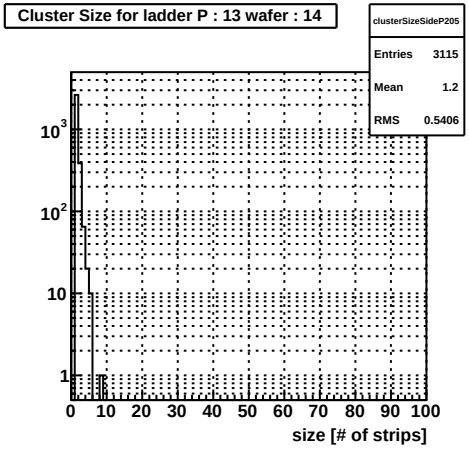

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 168
Mean 1.077
RMS 0.2886
size [# of strips]

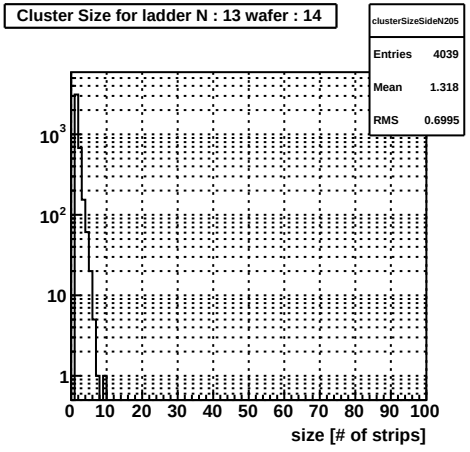

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2362
Mean 1.527
RMS 0.8124
size [# of strips]

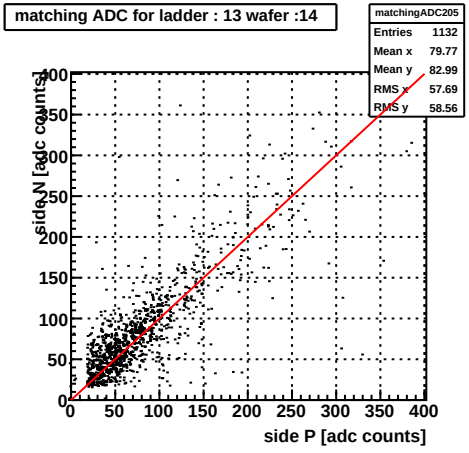

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 2
Mean x 103
Mean y 80
RMS x 30
RMS y 45
side N [adc counts]
side P [adc counts]

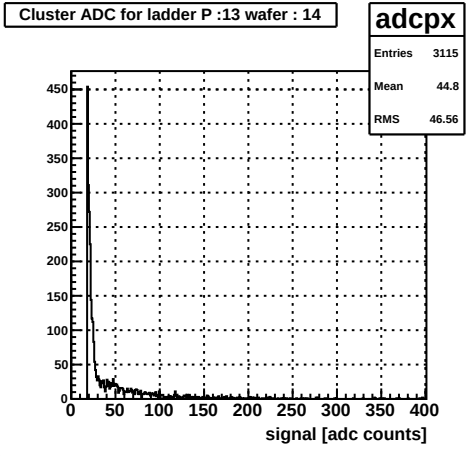

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 168
Mean 53.42
RMS 33.94
signal [adc counts]

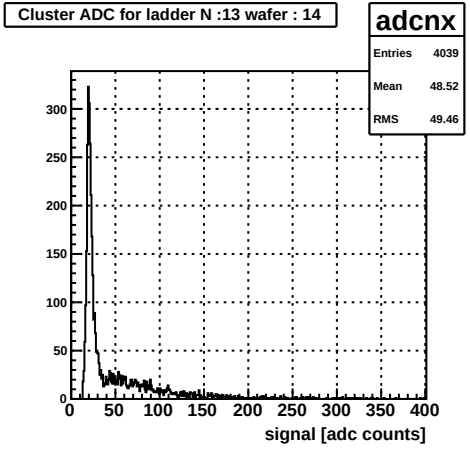

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2362
Mean 71.06
RMS 62.04
signal [adc counts]

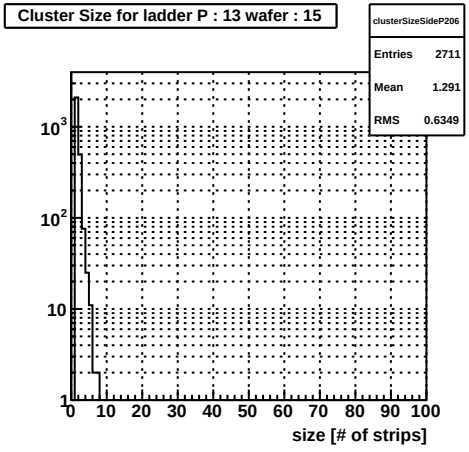

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 3115
Mean 1.2
RMS 0.5406
size [# of strips]

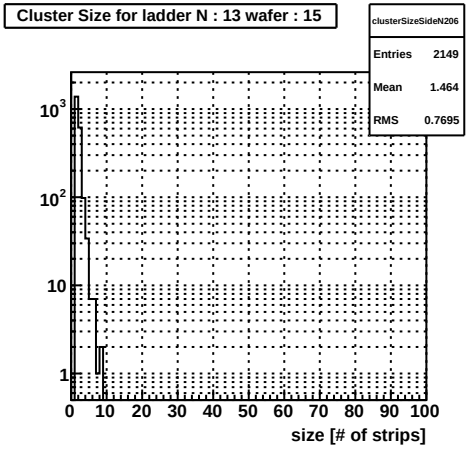

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 4039
Mean 1.318
RMS 0.6995
size [# of strips]

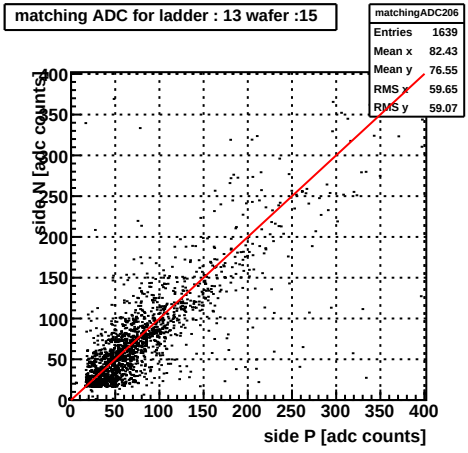

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1132
Mean x 79.77
Mean y 82.99
RMS x 57.69
RMS y 58.56
side N [adc counts]
side P [adc counts]

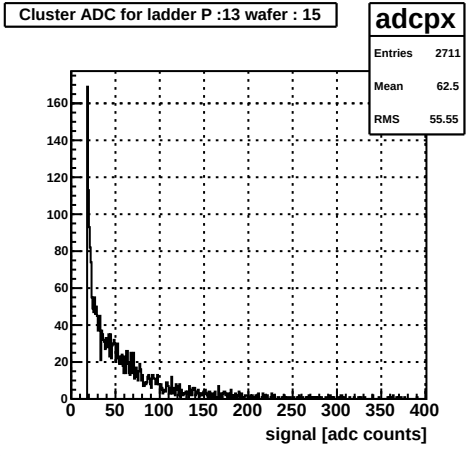

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 3115
Mean 44.8
RMS 46.56
signal [adc counts]

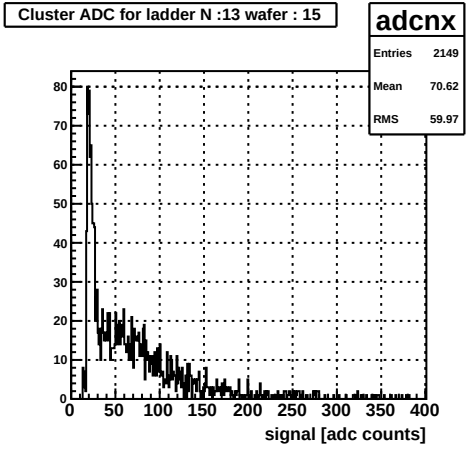

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 4039
Mean 48.52
RMS 49.46
signal [adc counts]

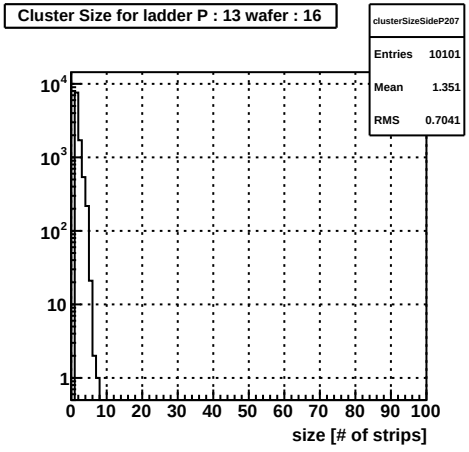

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2711
Mean 1.291
RMS 0.6349
size [# of strips]

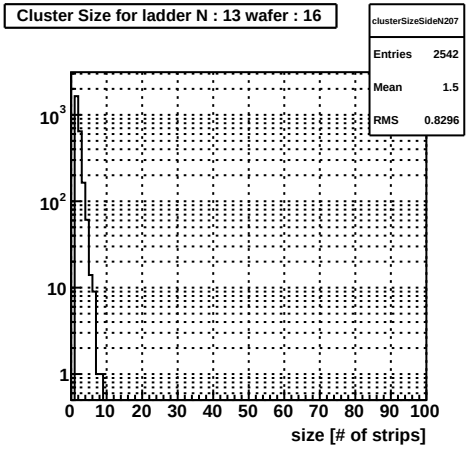

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2149
Mean 1.464
RMS 0.7695
size [# of strips]

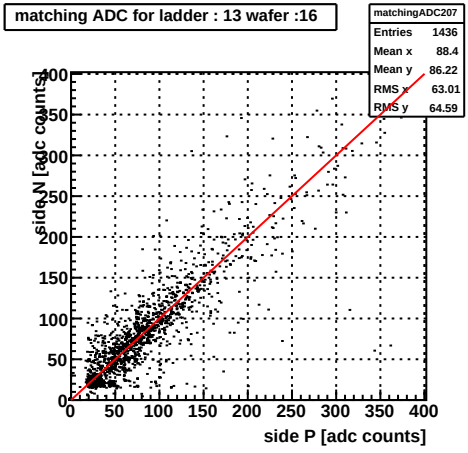

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1639
Mean x 82.43
Mean y 76.55
RMS x 59.65
RMS y 59.07
side N [adc counts]
side P [adc counts]

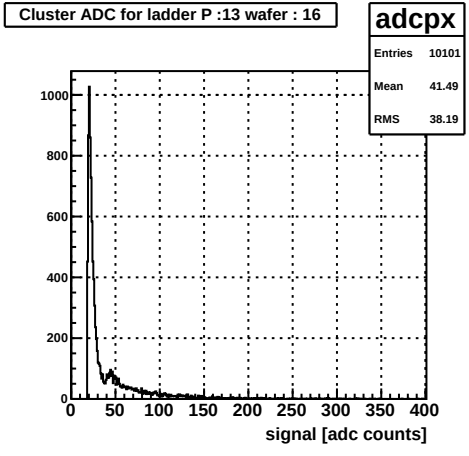

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2711
Mean 62.5
RMS 55.55
signal [adc counts]

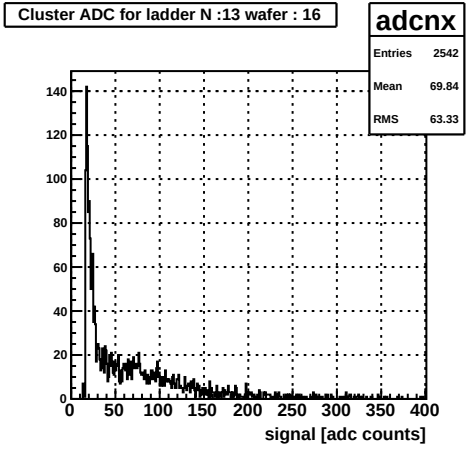

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2149
Mean 70.62
RMS 59.97
signal [adc counts]

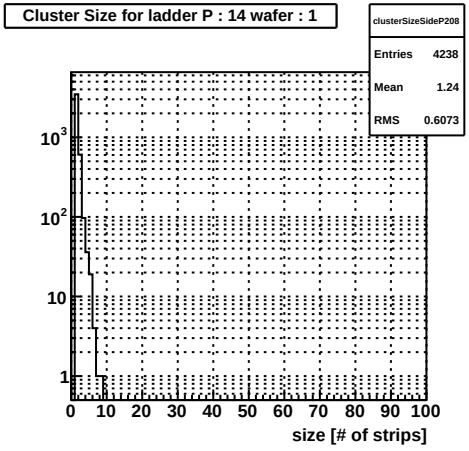

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 10101
Mean 1.351
RMS 0.7041
size [# of strips]

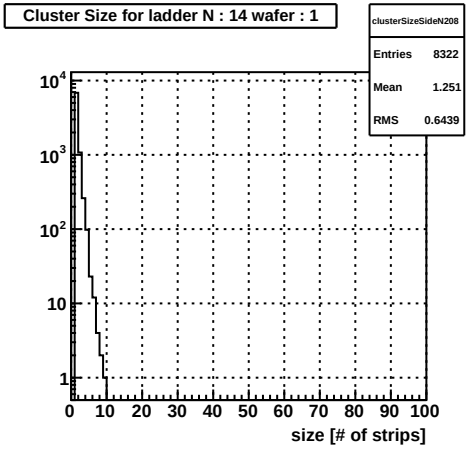

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2542
Mean 1.5
RMS 0.8296
size [# of strips]

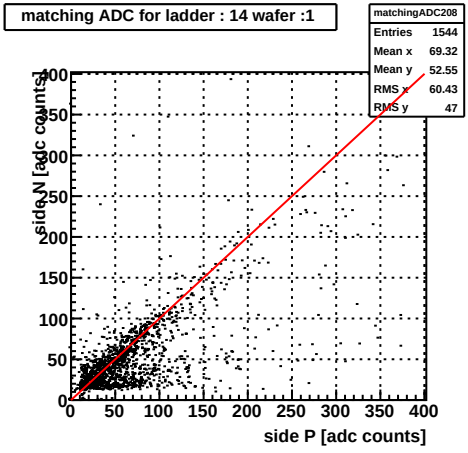

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1436
Mean x 88.4
Mean y 86.22
RMS x 63.01
RMS y 64.59
side N [adc counts]
side P [adc counts]

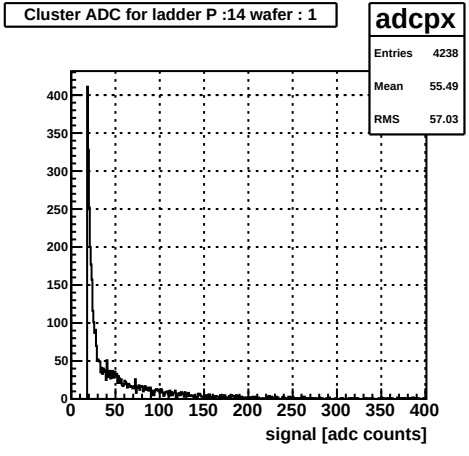

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 10101
Mean 41.49
RMS 38.19
signal [adc counts]

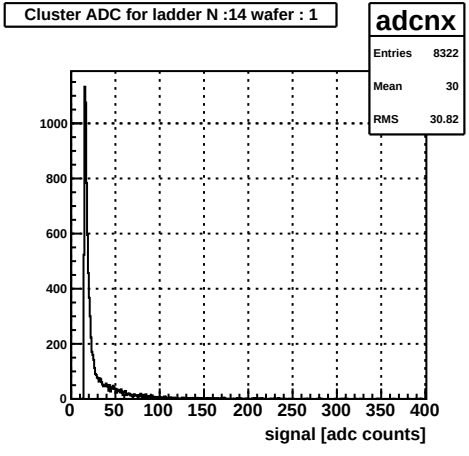

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2542
Mean 69.84
RMS 63.33
signal [adc counts]

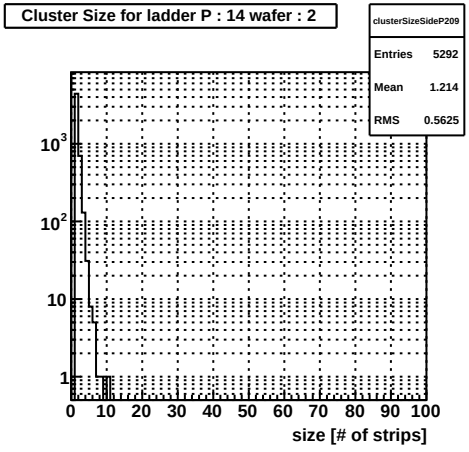

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4238
Mean 1.24
RMS 0.6073
size [# of strips]

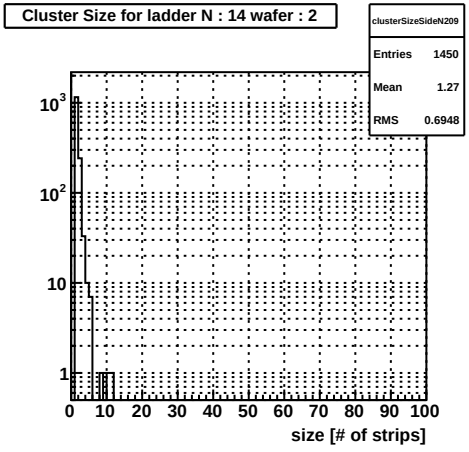

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 8322
Mean 1.251
RMS 0.6439
size [# of strips]

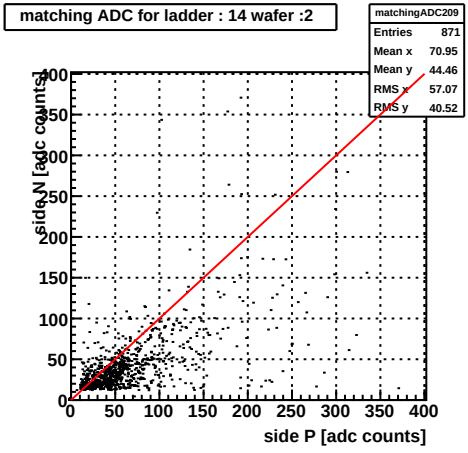

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1544
Mean x 69.32
Mean y 52.55
RMS x 60.43
RMS y 47
side N [adc counts]
side P [adc counts]

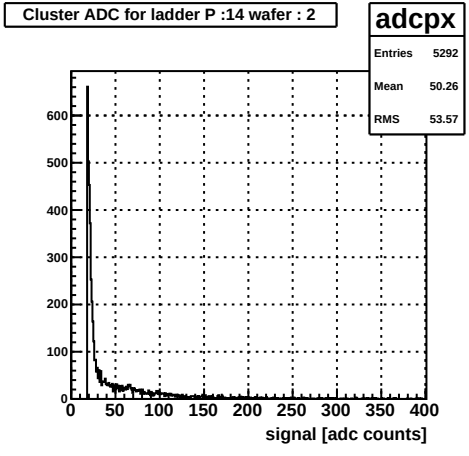

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4238
Mean 55.49
RMS 57.03
signal [adc counts]

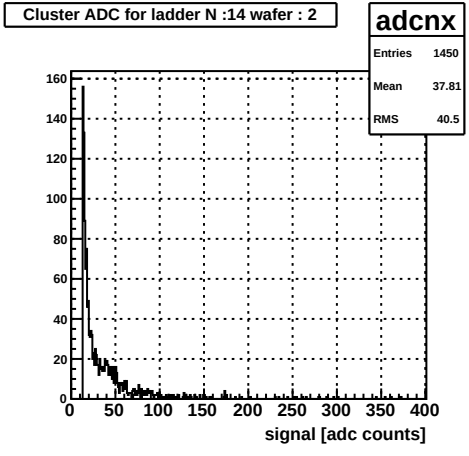

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 8322
Mean 30
RMS 30.82
signal [adc counts]

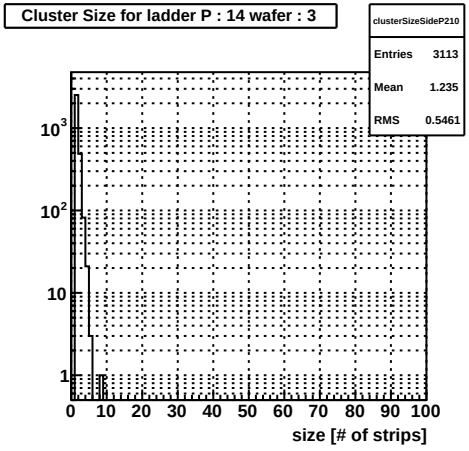

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 5292
Mean 1.214
RMS 0.5625
size [# of strips]

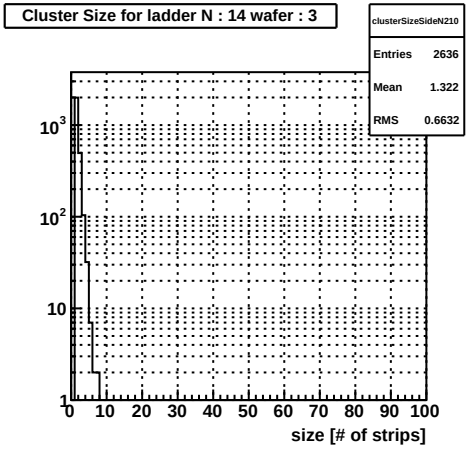

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1450
Mean 1.27
RMS 0.6948
size [# of strips]

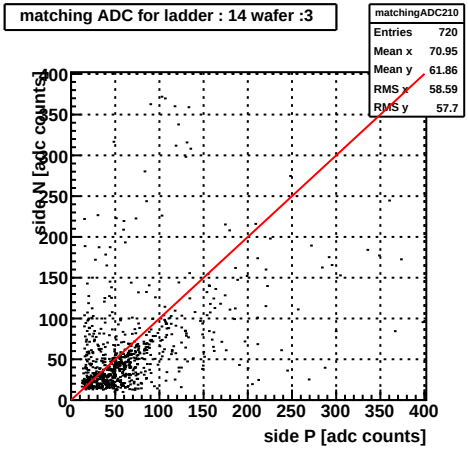

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 871
Mean x 70.95
Mean y 44.46
RMS x 57.07
RMS y 40.52
side N [adc counts]
side P [adc counts]

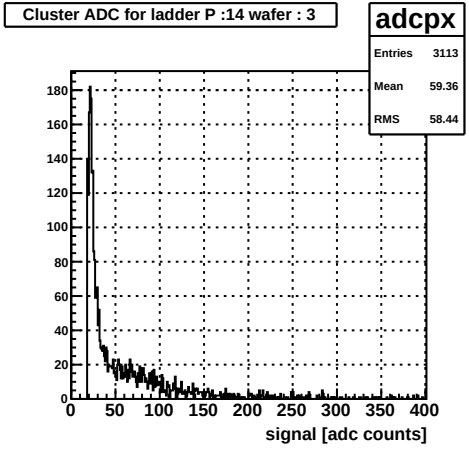

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 5292
Mean 50.26
RMS 53.57
signal [adc counts]

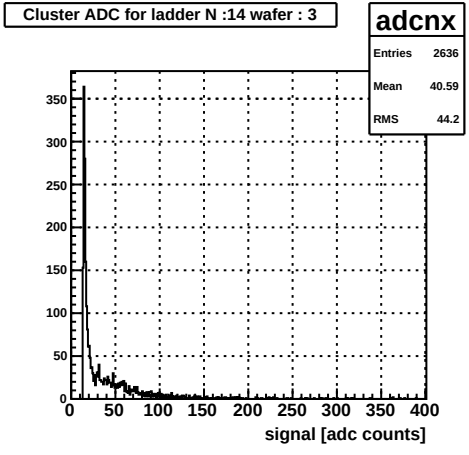

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1450
Mean 37.81
RMS 40.5
signal [adc counts]

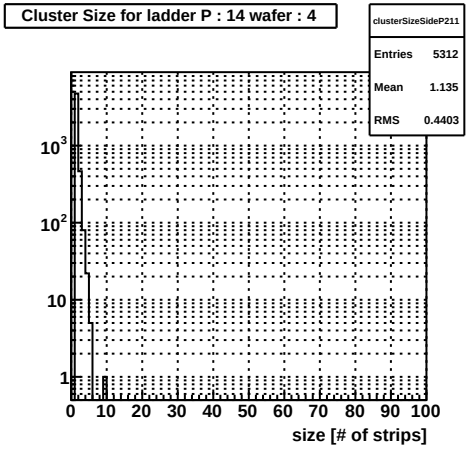

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 3113
Mean 1.235
RMS 0.5461
size [# of strips]

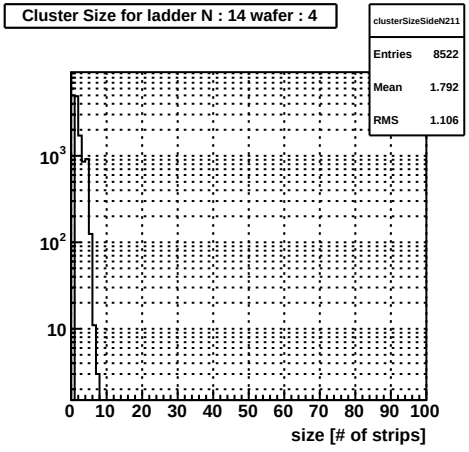

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2636
Mean 1.322
RMS 0.6632
size [# of strips]

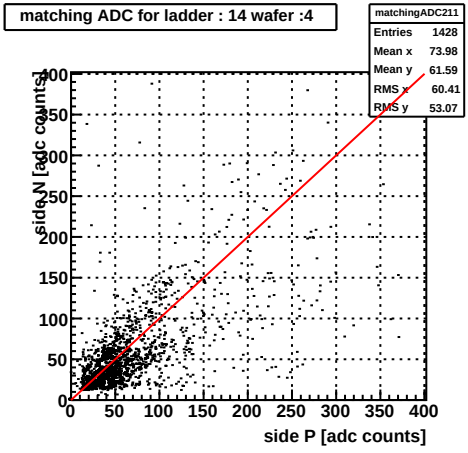

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 720
Mean x 70.95
Mean y 61.86
RMS x 58.59
RMS y 57.7
side N [adc counts]
side P [adc counts]

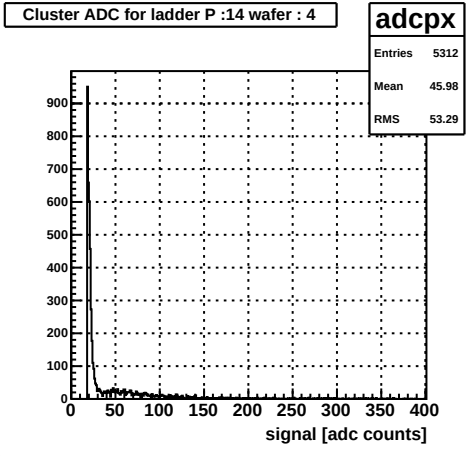

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 3113
Mean 59.36
RMS 58.44
signal [adc counts]

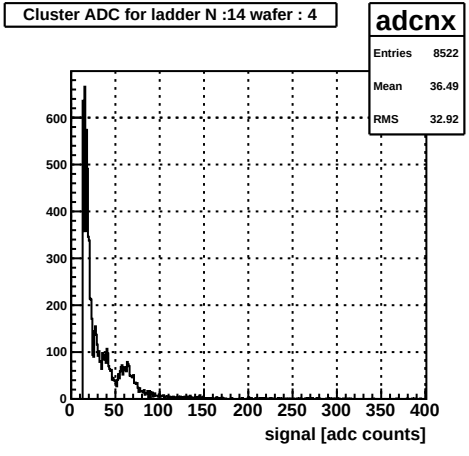

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2636
Mean 40.59
RMS 44.2
signal [adc counts]

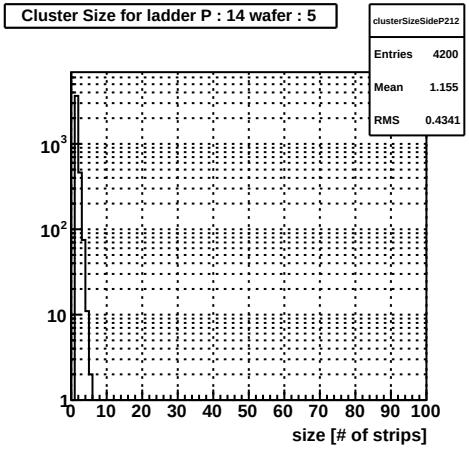

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 5312
Mean 1.135
RMS 0.4403
size [# of strips]

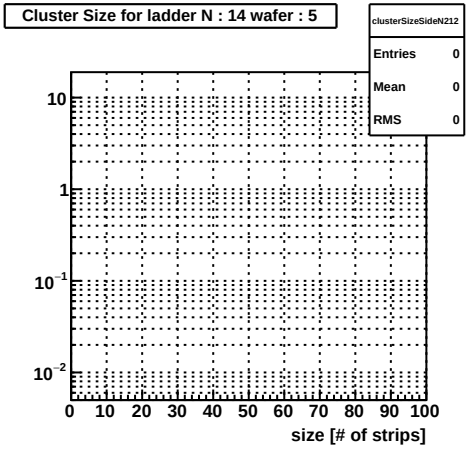

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 8522
Mean 1.792
RMS 1.106
size [# of strips]

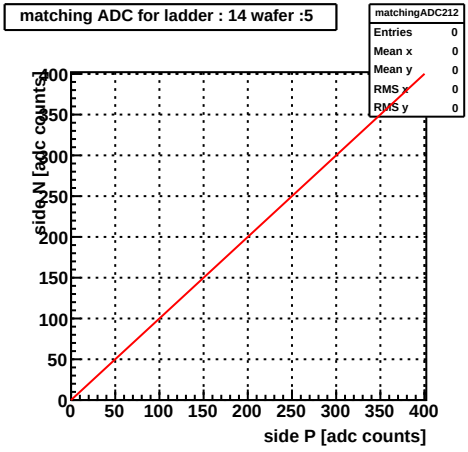

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1428
Mean x 73.98
Mean y 61.59
RMS x 60.41
RMS y 53.07
side N [adc counts]
side P [adc counts]

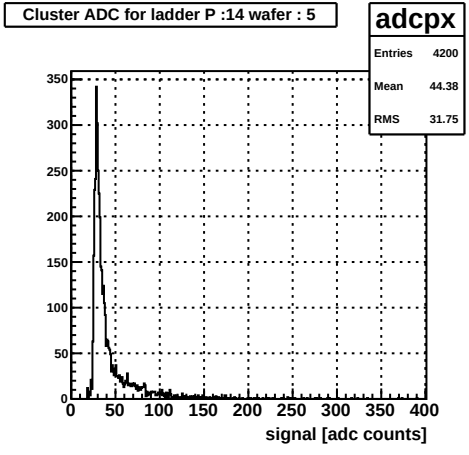

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 5312
Mean 45.98
RMS 53.29
signal [adc counts]

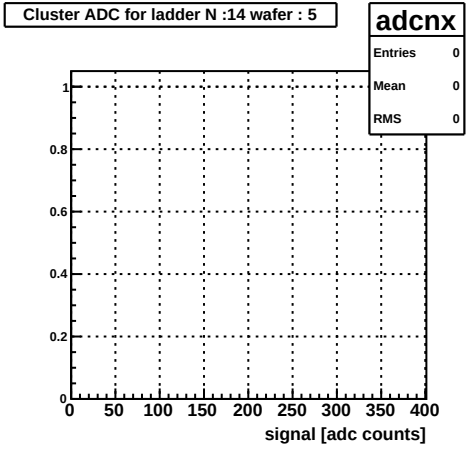

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 8522
Mean 36.49
RMS 32.92
signal [adc counts]

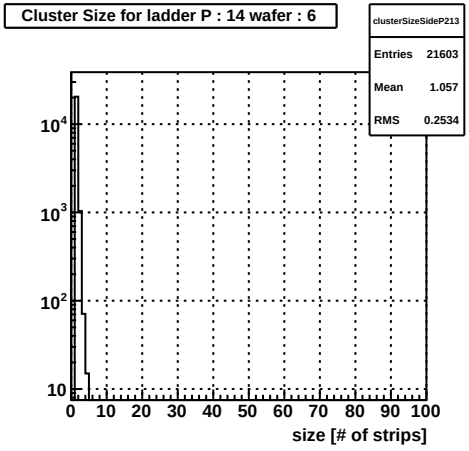

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 4200
Mean 1.155
RMS 0.4341
size [# of strips]

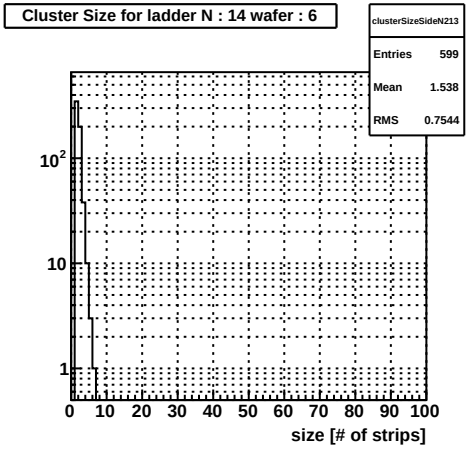

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

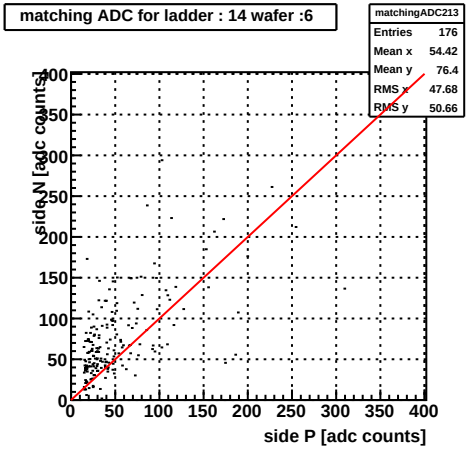

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

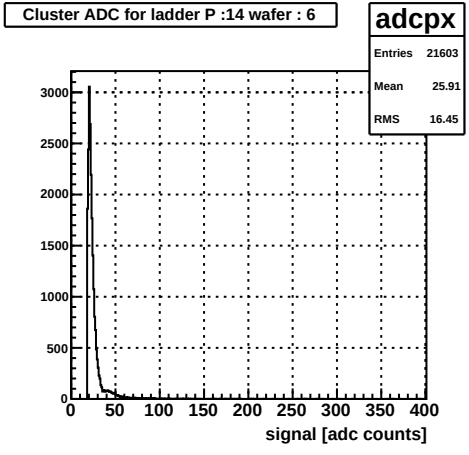

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 4200
Mean 44.38
RMS 31.75
signal [adc counts]

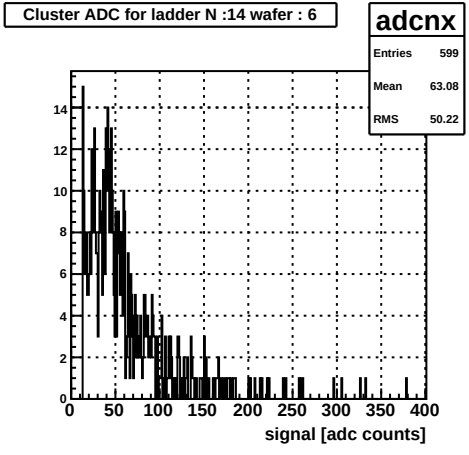

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

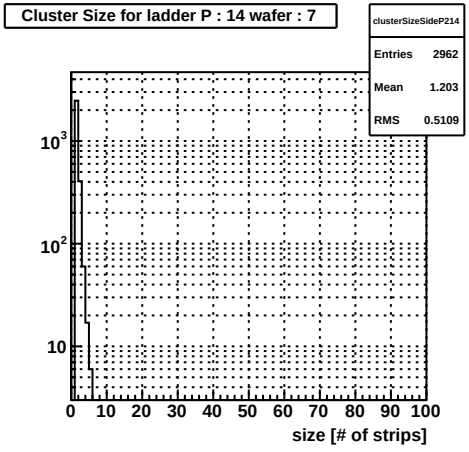

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 21603
Mean 1.057
RMS 0.2534
size [# of strips]

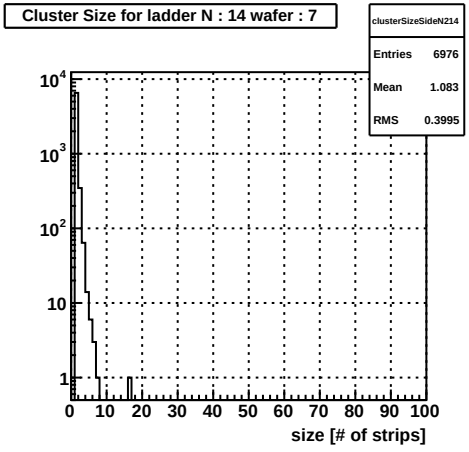

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 599
Mean 1.538
RMS 0.7544
size [# of strips]

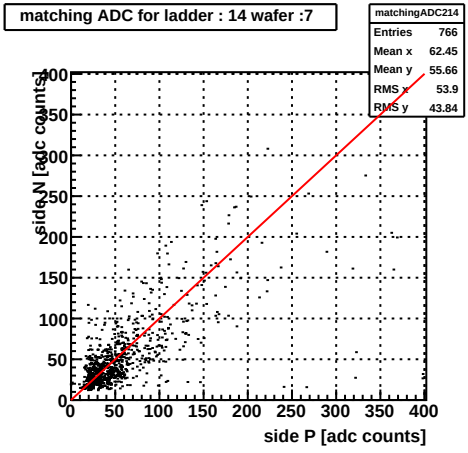

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 176
Mean x 54.42
Mean y 76.4
RMS x 47.68
RMS y 50.66
side N [adc counts]
side P [adc counts]

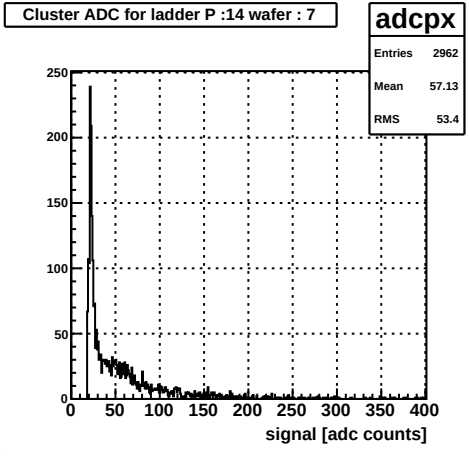

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 21603
Mean 25.91
RMS 16.45
signal [adc counts]

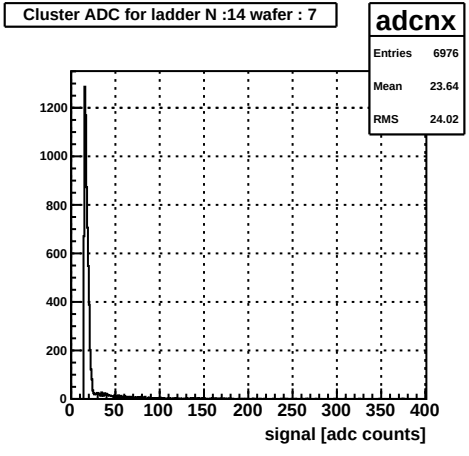

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 599
Mean 63.08
RMS 50.22
signal [adc counts]

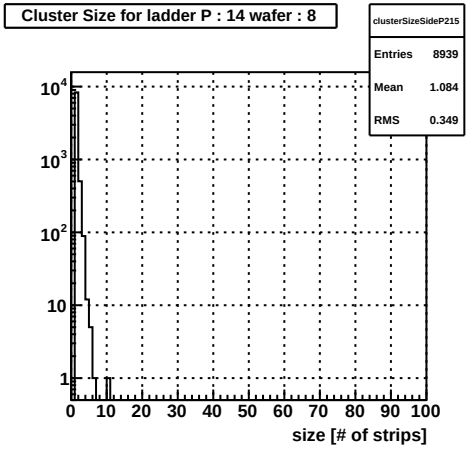

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2962
Mean 1.203
RMS 0.5109
size [# of strips]

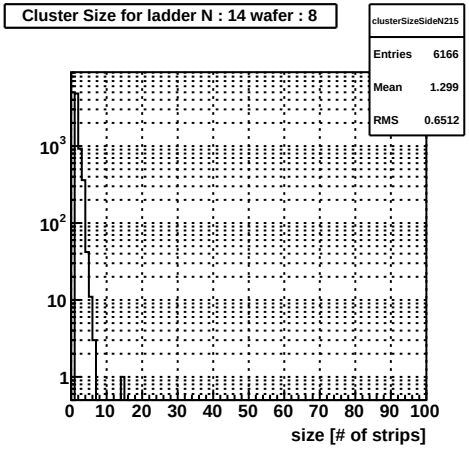

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 6976
Mean 1.083
RMS 0.3995
size [# of strips]

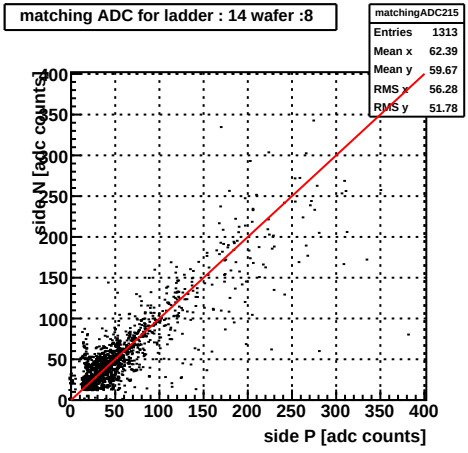

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 766
Mean x 62.45
Mean y 55.66
RMS x 53.9
RMS y 43.84
side N [adc counts]
side P [adc counts]

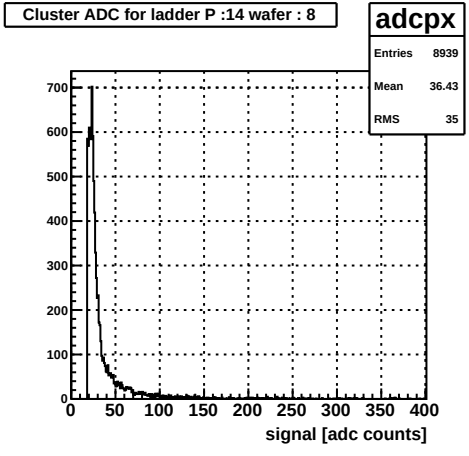

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2962
Mean 57.13
RMS 53.4
signal [adc counts]

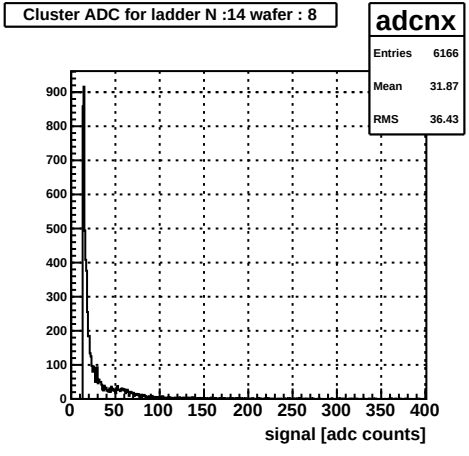

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 6976
Mean 23.64
RMS 24.02
signal [adc counts]

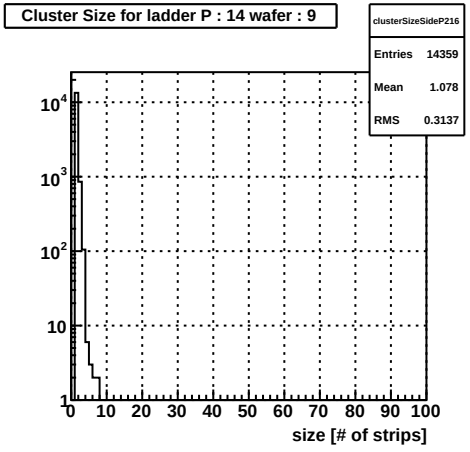

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 8939
Mean 1.084
RMS 0.349
size [# of strips]

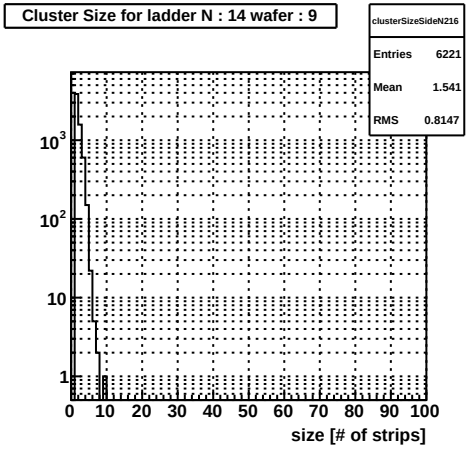

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 6166
Mean 1.299
RMS 0.6512
size [# of strips]

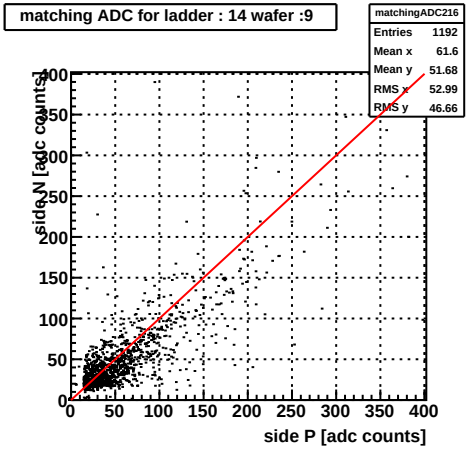

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1313
Mean x 62.39
Mean y 59.67
RMS x 56.28
RMS y 51.78
side N [adc counts]
side P [adc counts]

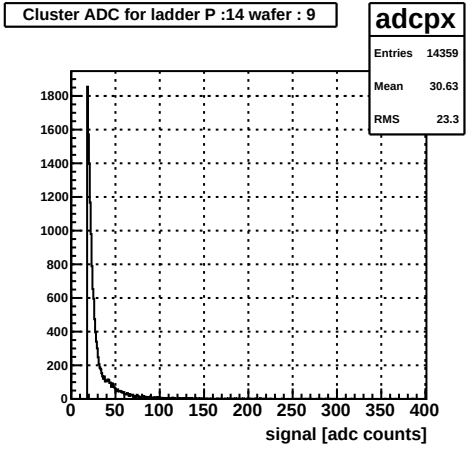

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 8939
Mean 36.43
RMS 35
signal [adc counts]

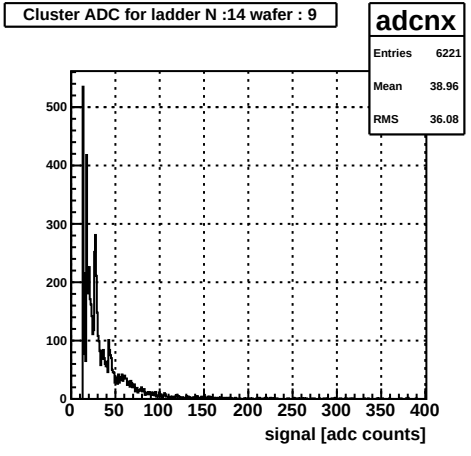

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 6166
Mean 31.87
RMS 36.43
signal [adc counts]

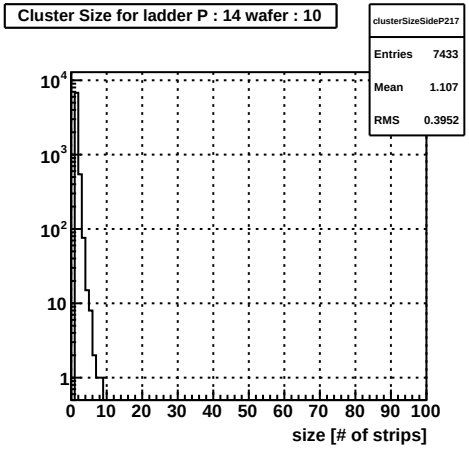

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 14359
Mean 1.078
RMS 0.3137
size [# of strips]

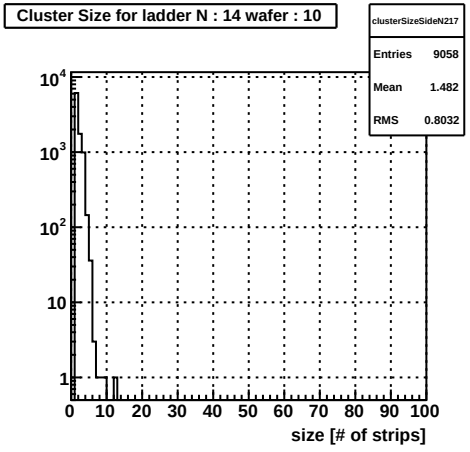

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 6221
Mean 1.541
RMS 0.8147
size [# of strips]

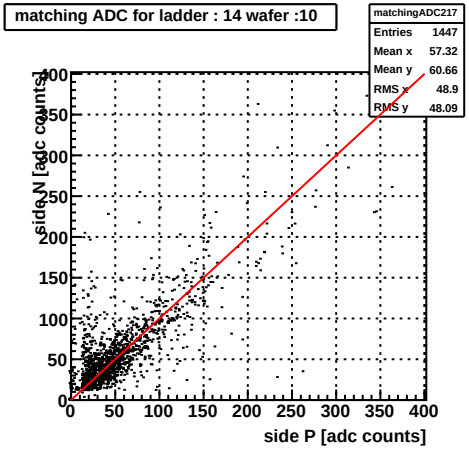

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1192
Mean x 61.6
Mean y 51.68
RMS x 52.99
RMS y 46.66
side N [adc counts]
side P [adc counts]

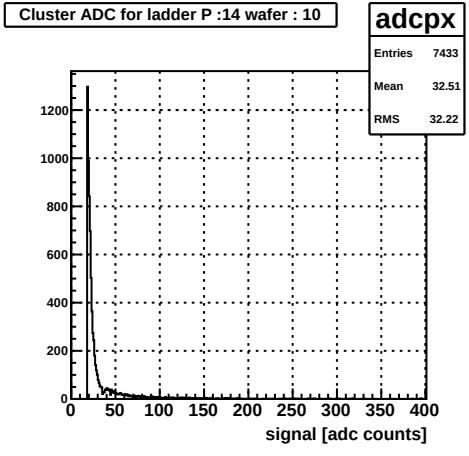

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 14359
Mean 30.63
RMS 23.3
signal [adc counts]

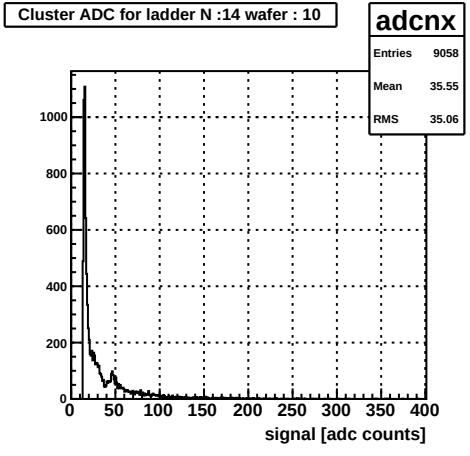

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 6221
Mean 38.96
RMS 36.08
signal [adc counts]

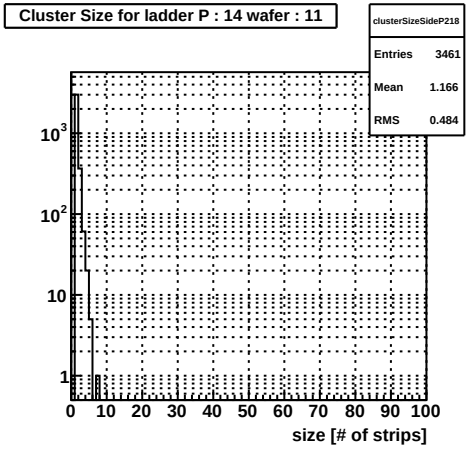

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 7433
Mean 1.107
RMS 0.3952
size [# of strips]

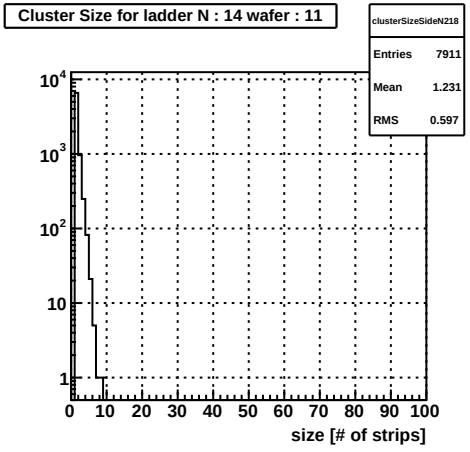

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 9058
Mean 1.482
RMS 0.8032
size [# of strips]

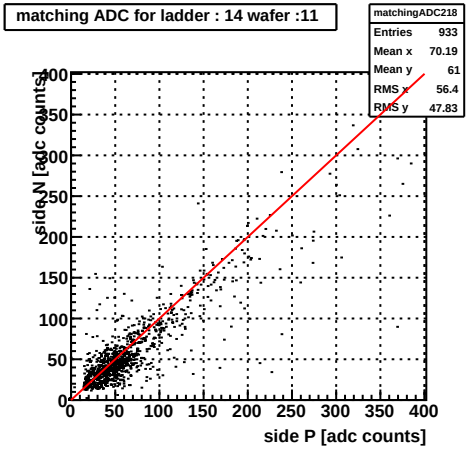

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1447
Mean x 57.32
Mean y 60.66
RMS x 48.9
RMS y 48.09
side N [adc counts]
side P [adc counts]

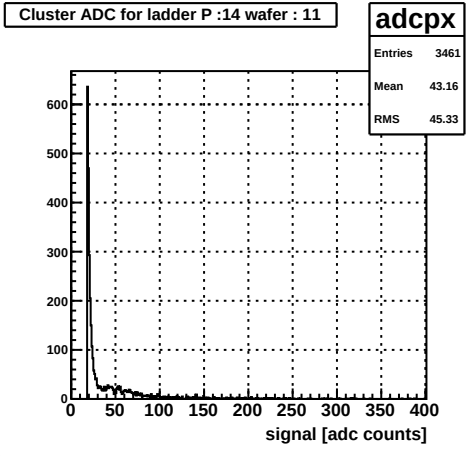

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 7433
Mean 32.51
RMS 32.22
signal [adc counts]

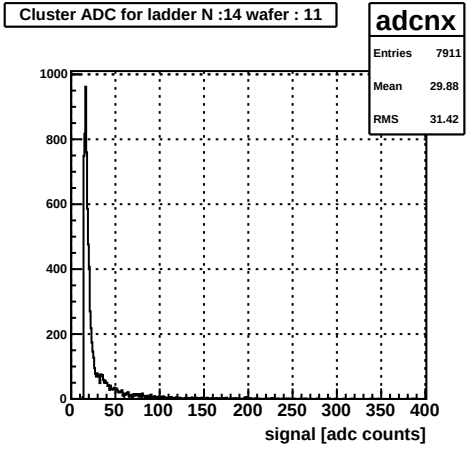

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 9058
Mean 35.55
RMS 35.06
signal [adc counts]

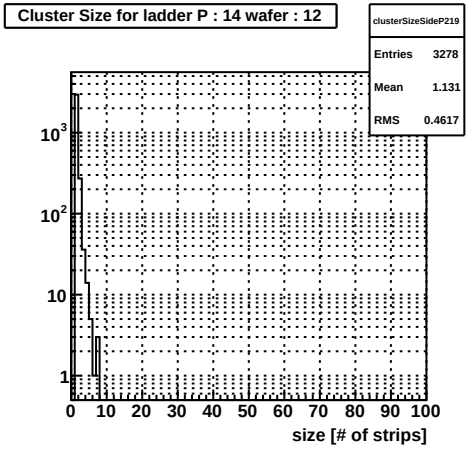

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3461
Mean 1.166
RMS 0.484
size [# of strips]

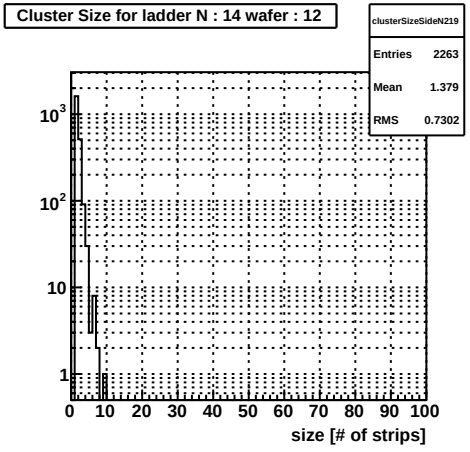

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 7911
Mean 1.231
RMS 0.597
size [# of strips]

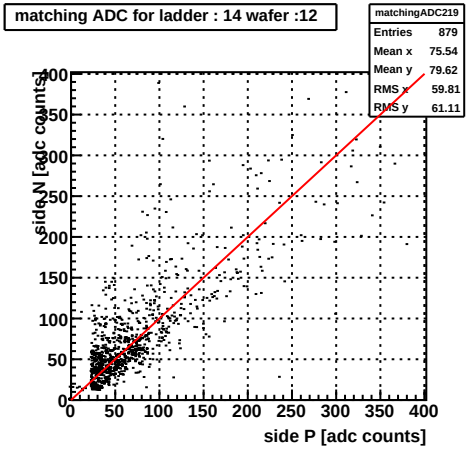

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 933
Mean x 70.19
Mean y 61
RMS x 56.4
RMS y 47.83
side N [adc counts]
side P [adc counts]

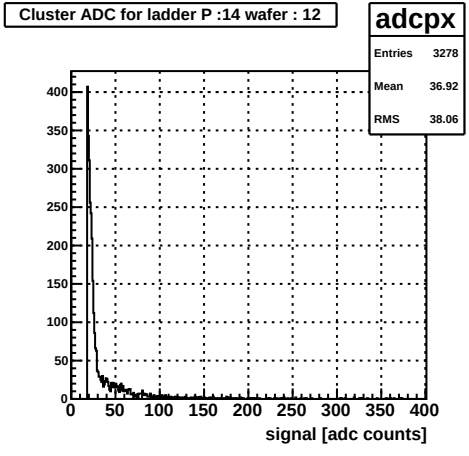

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3461
Mean 43.16
RMS 45.33
signal [adc counts]

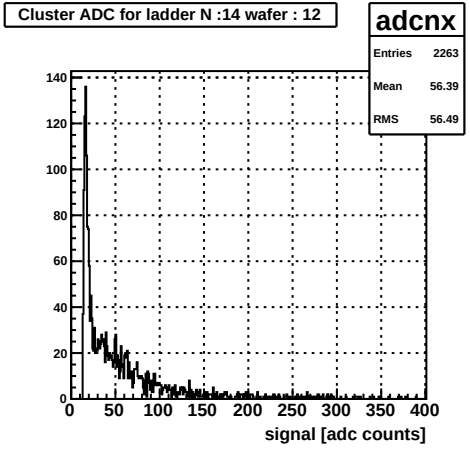

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 7911
Mean 29.88
RMS 31.42
signal [adc counts]

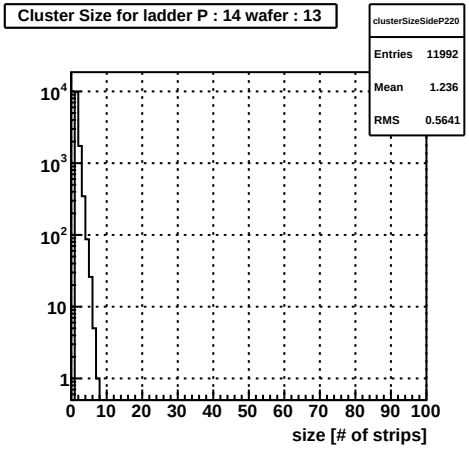

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 3278
Mean 1.131
RMS 0.4617
size [# of strips]

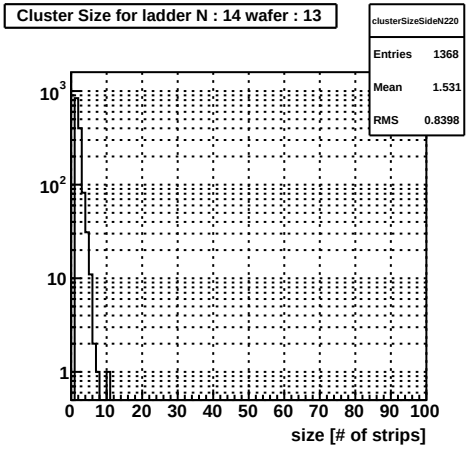

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2263
Mean 1.379
RMS 0.7302
size [# of strips]

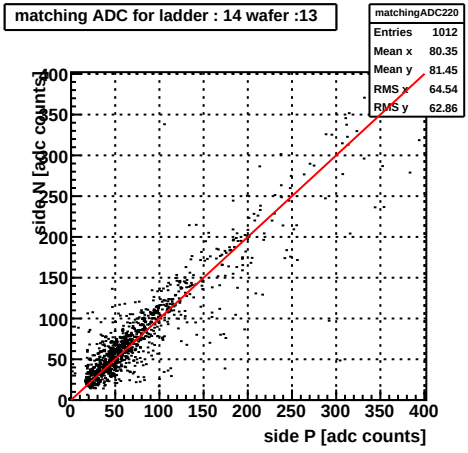

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 879
Mean x 75.54
Mean y 79.62
RMS x 59.81
RMS y 61.11
side N [adc counts]
side P [adc counts]

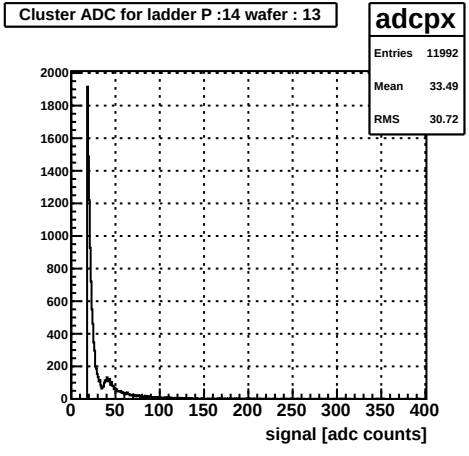

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 3278
Mean 36.92
RMS 38.06
signal [adc counts]

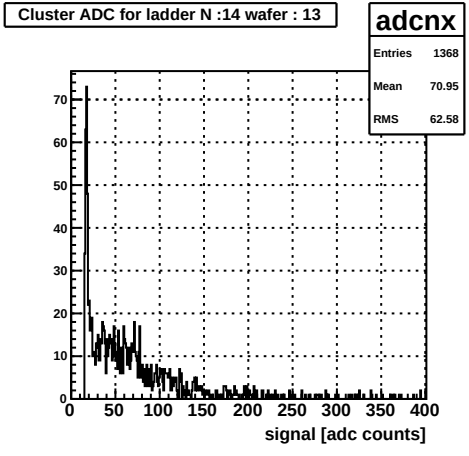

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2263
Mean 56.39
RMS 56.49
signal [adc counts]

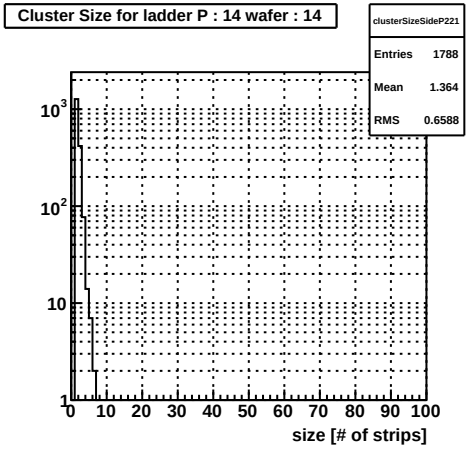

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 11992
Mean 1.236
RMS 0.5641
size [# of strips]

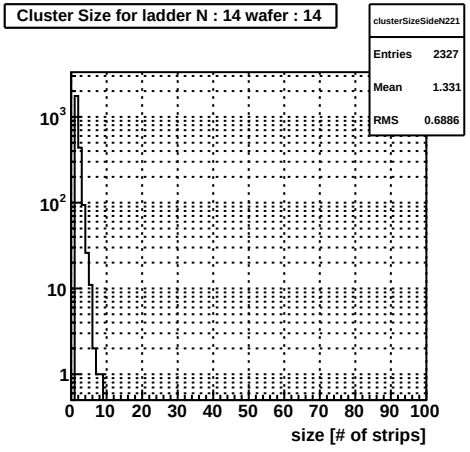

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1368
Mean 1.531
RMS 0.8398
size [# of strips]

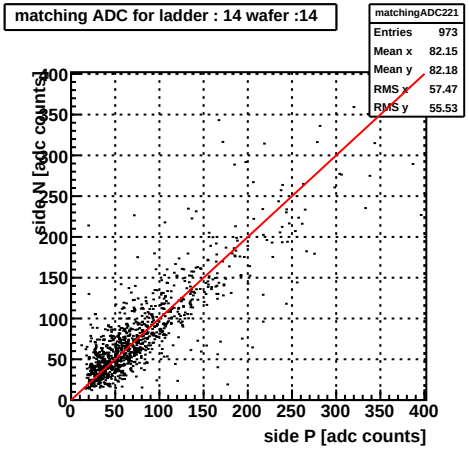

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 1012
Mean x 80.35
Mean y 81.45
RMS x 64.54
RMS y 62.86
side N [adc counts]
side P [adc counts]

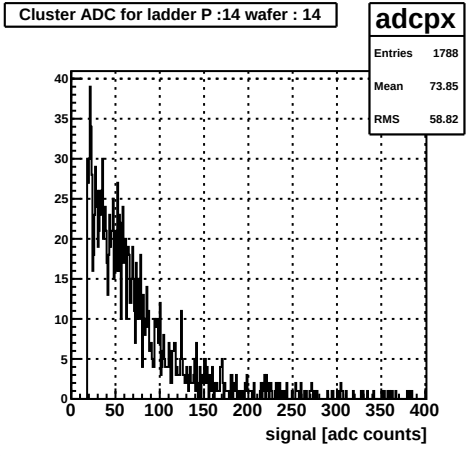

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 11992
Mean 33.49
RMS 30.72
signal [adc counts]

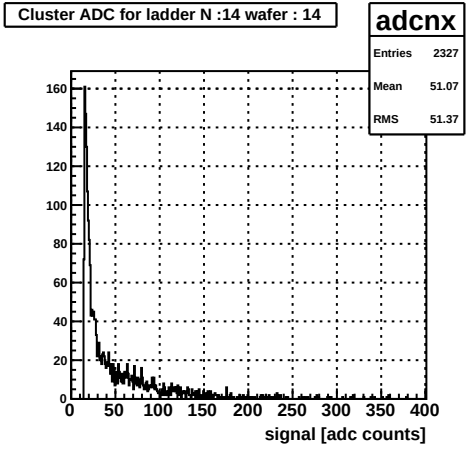

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1368
Mean 70.95
RMS 62.58
signal [adc counts]

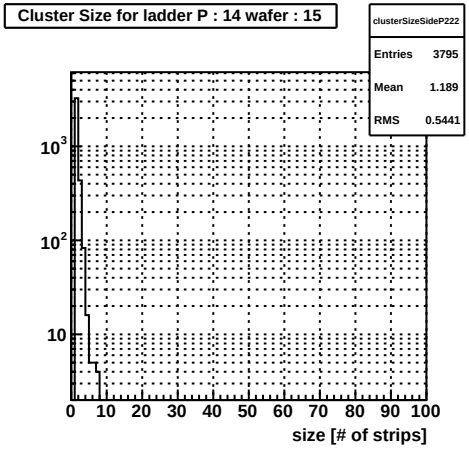

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1788
Mean 1.364
RMS 0.6588
size [# of strips]

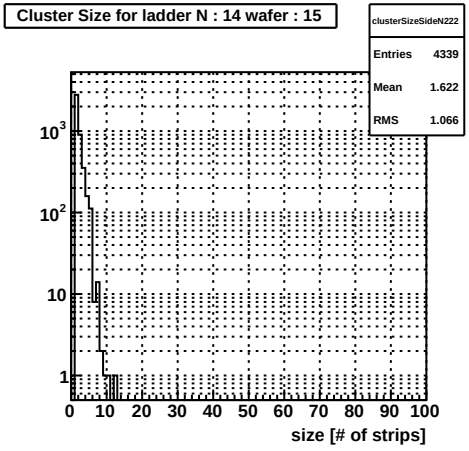

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 2327
Mean 1.331
RMS 0.6886
size [# of strips]

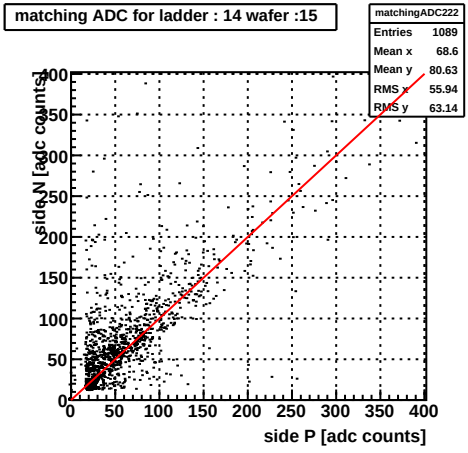

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 973
Mean x 82.15
Mean y 82.18
RMS x 57.47
RMS y 55.53
side N [adc counts]
side P [adc counts]

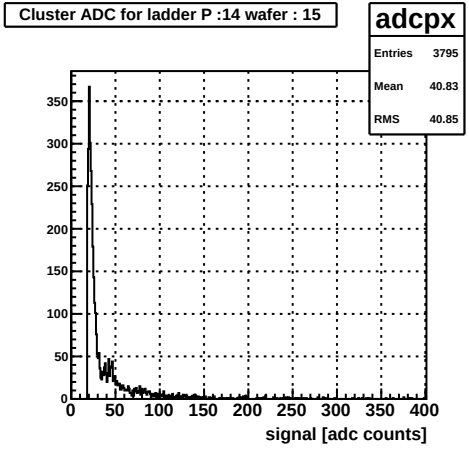

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1788
Mean 73.85
RMS 58.82
signal [adc counts]

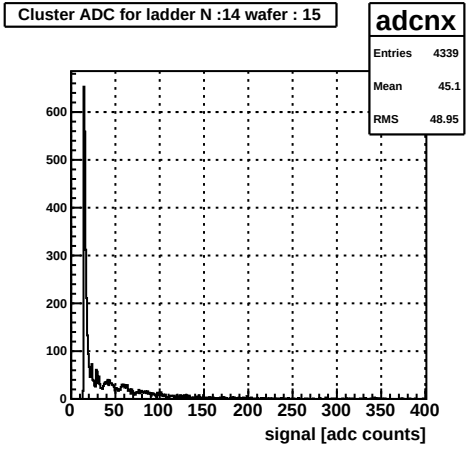

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 2327
Mean 51.07
RMS 51.37
signal [adc counts]

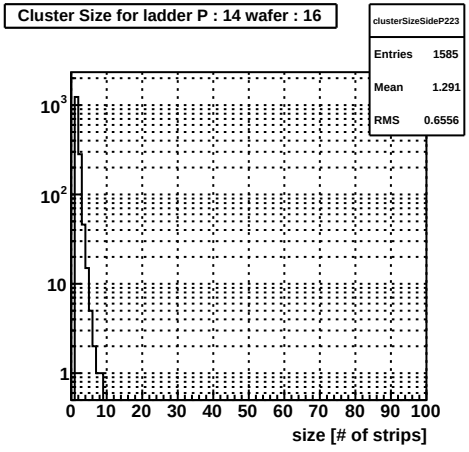

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 3795
Mean 1.189
RMS 0.5441
size [# of strips]

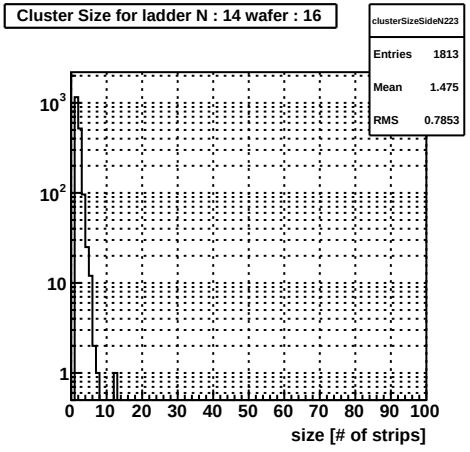

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4339
Mean 1.622
RMS 1.066
size [# of strips]

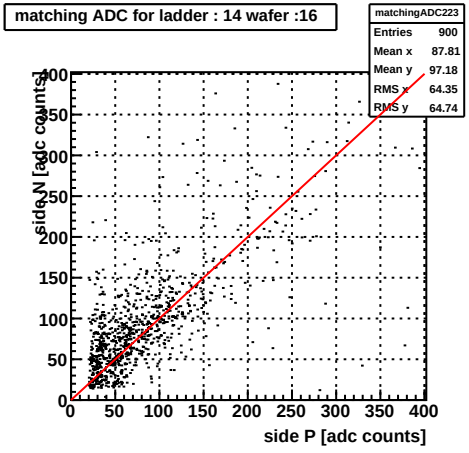

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1089
Mean x 68.6
Mean y 80.63
RMS x 55.94
RMS y 63.14
side N [adc counts]
side P [adc counts]

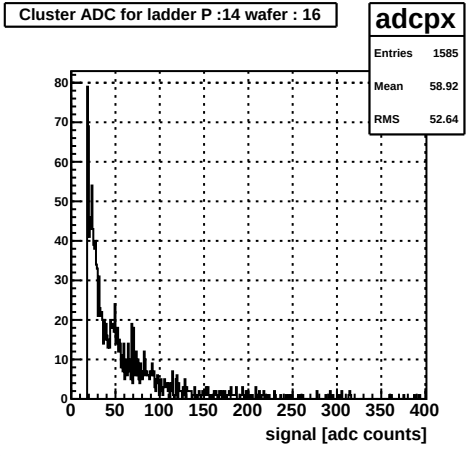

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 3795
Mean 40.83
RMS 40.85
signal [adc counts]

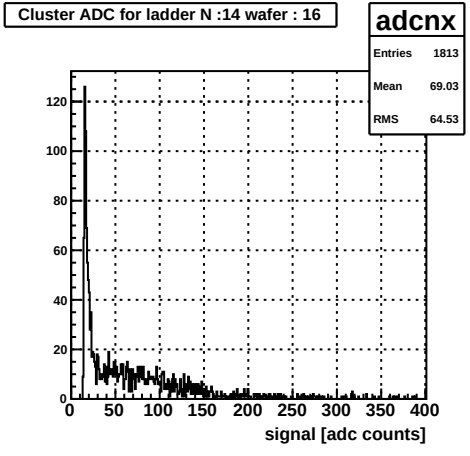

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4339
Mean 45.1
RMS 48.95
signal [adc counts]

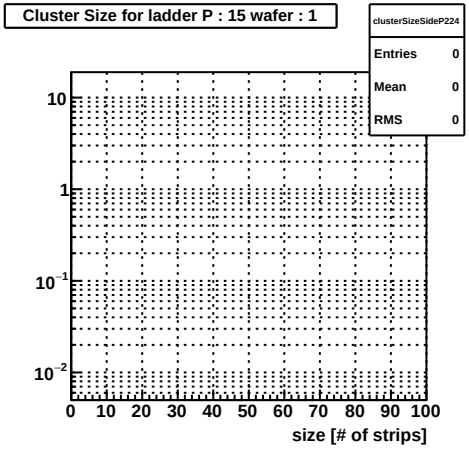

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1585
Mean 1.291
RMS 0.6556
size [# of strips]

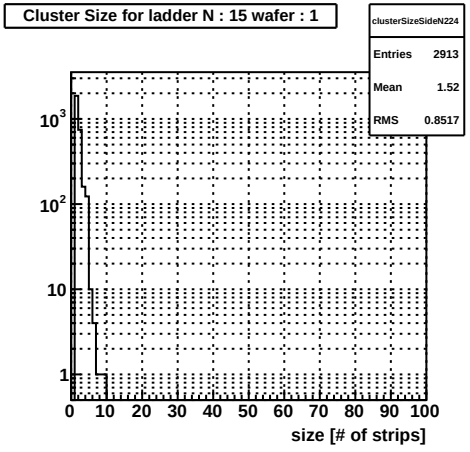

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1813
Mean 1.475
RMS 0.7853
size [# of strips]

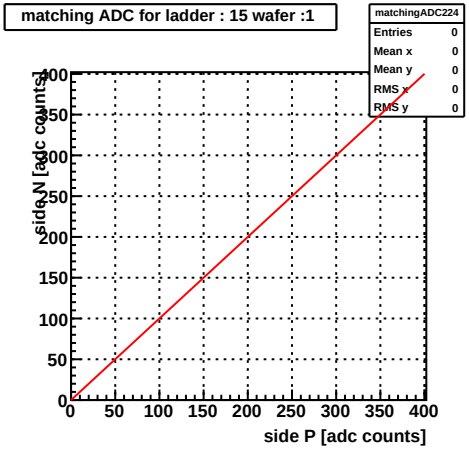

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 900
Mean x 87.81
Mean y 97.18
RMS x 64.35
RMS y 64.74
side N [adc counts]
side P [adc counts]

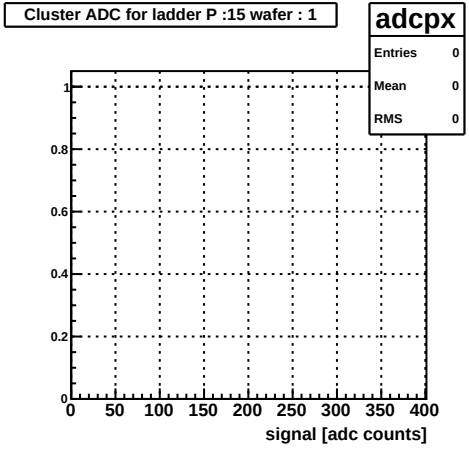

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1585
Mean 58.92
RMS 52.64
signal [adc counts]

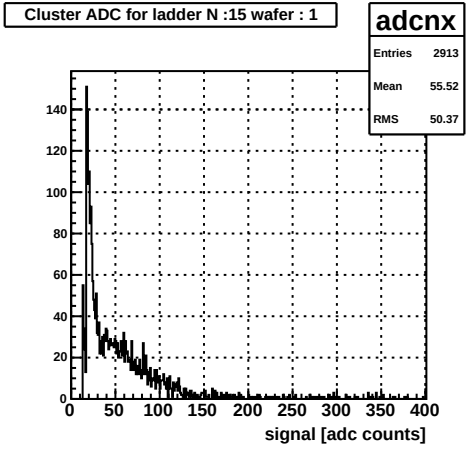

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1813
Mean 69.03
RMS 64.53
signal [adc counts]

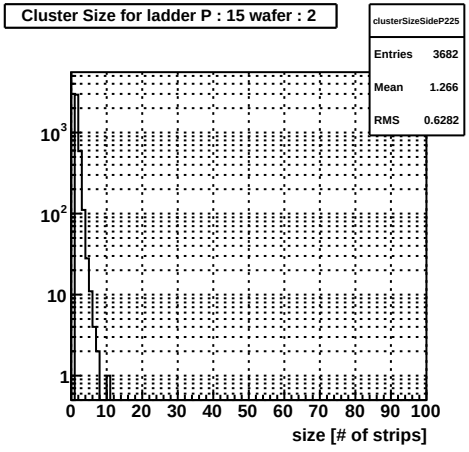

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

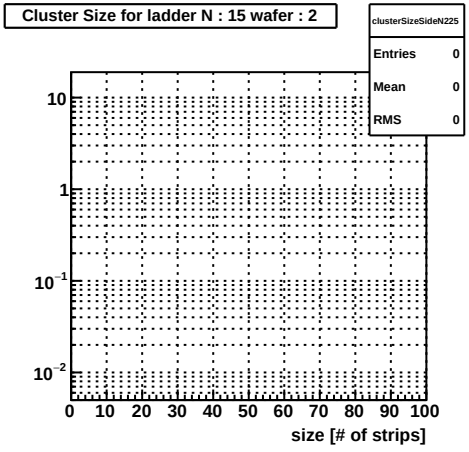

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2913
Mean 1.52
RMS 0.8517
size [# of strips]

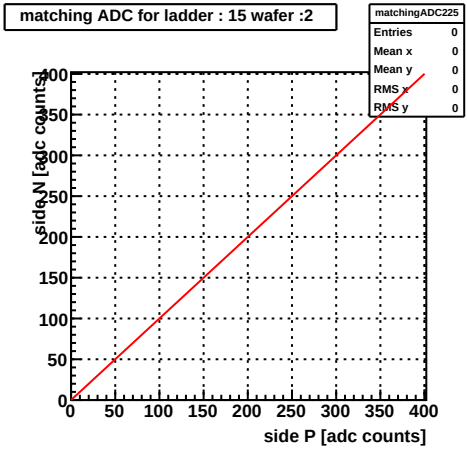

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

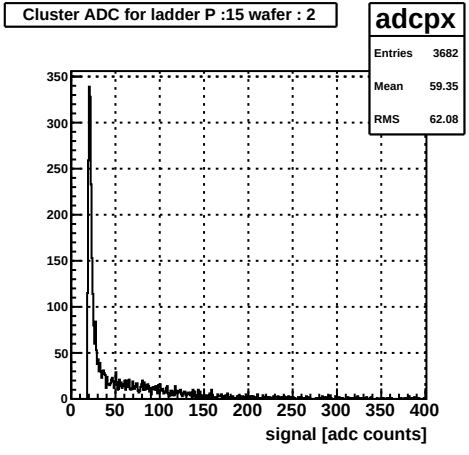

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

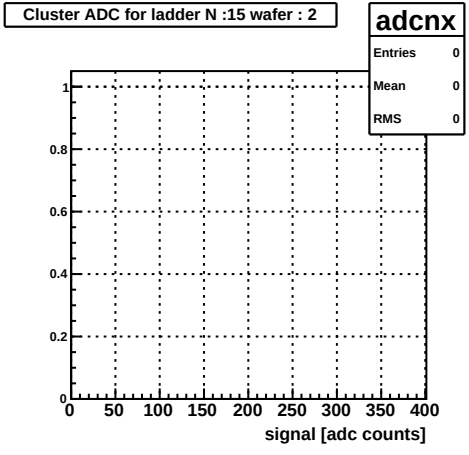

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2913
Mean 55.52
RMS 50.37
signal [adc counts]

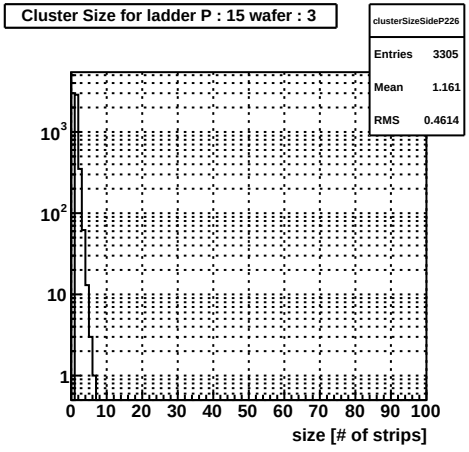

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3682
Mean 1.266
RMS 0.6282
size [# of strips]

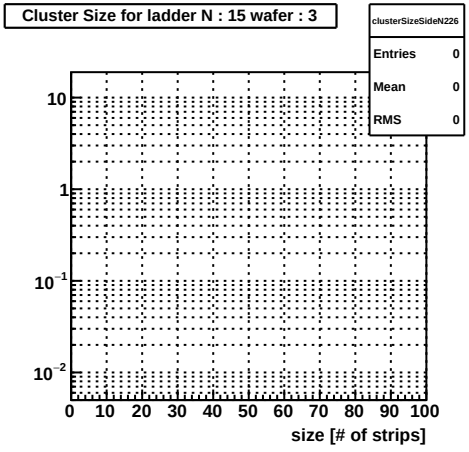

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

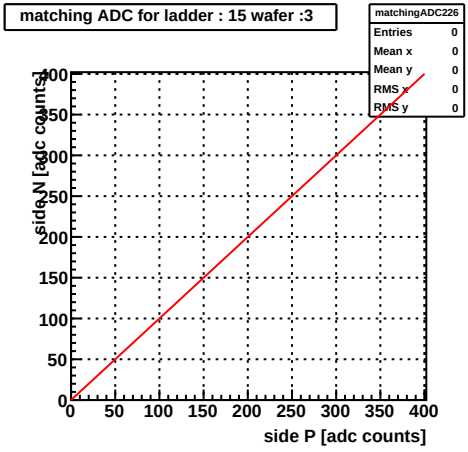

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

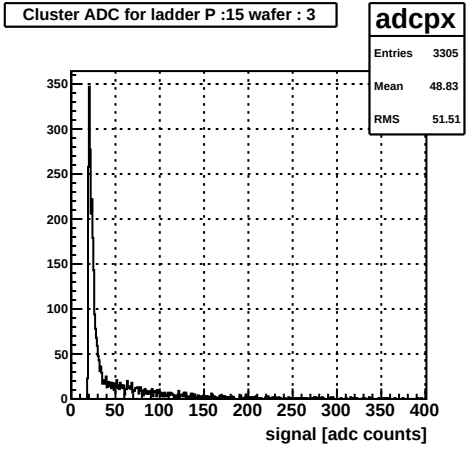

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3682
Mean 59.35
RMS 62.08
signal [adc counts]

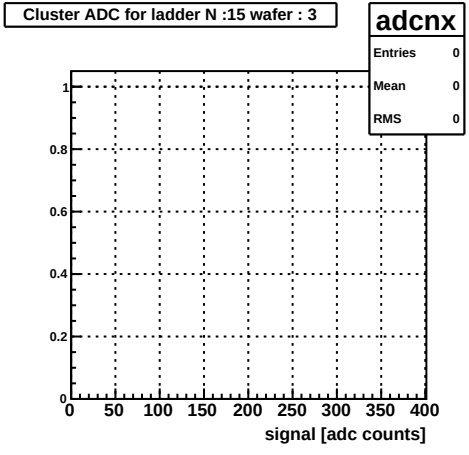

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

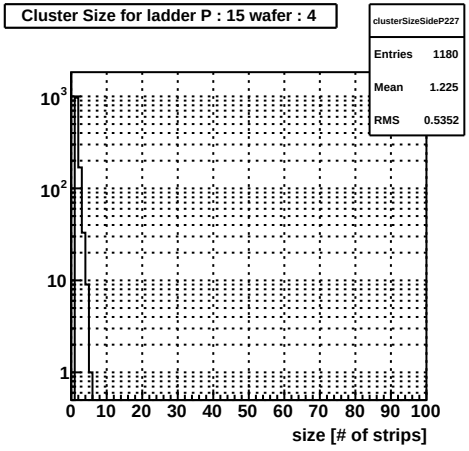

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 3305
Mean 1.161
RMS 0.4614
size [# of strips]

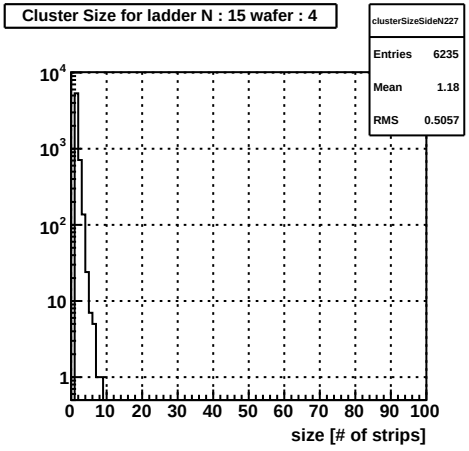

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

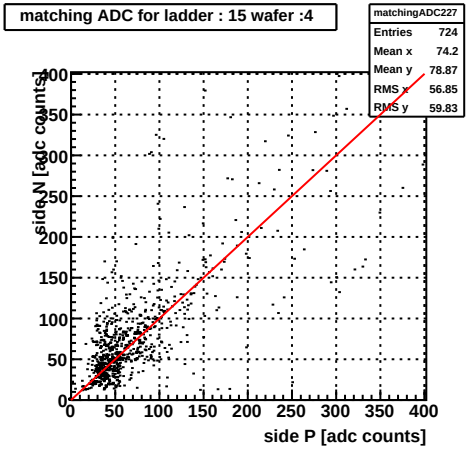

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

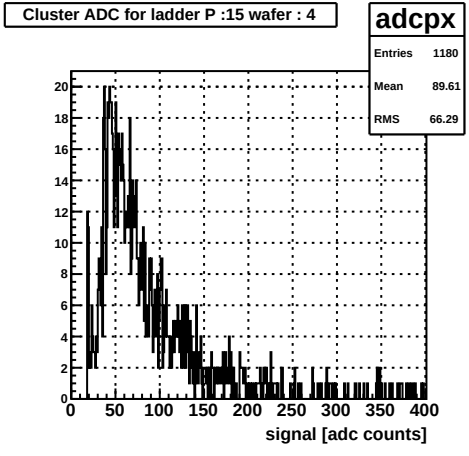

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 3305
Mean 48.83
RMS 51.51
signal [adc counts]

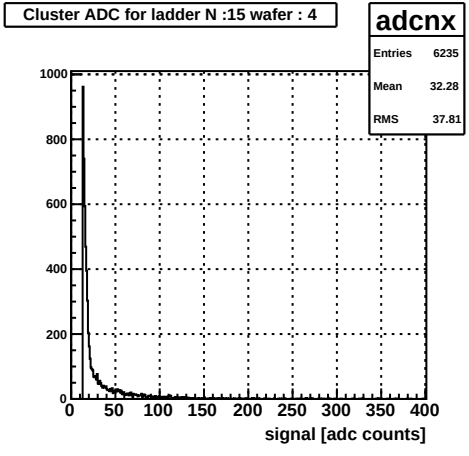

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

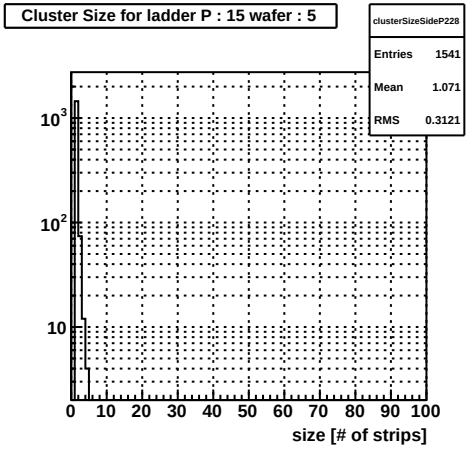

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1180
Mean 1.225
RMS 0.5352
size [# of strips]

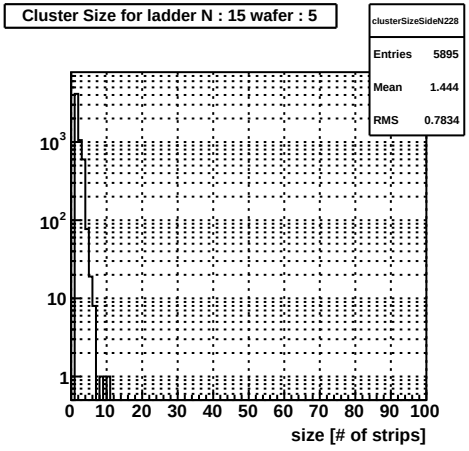

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 6235
Mean 1.18
RMS 0.5057
size [# of strips]

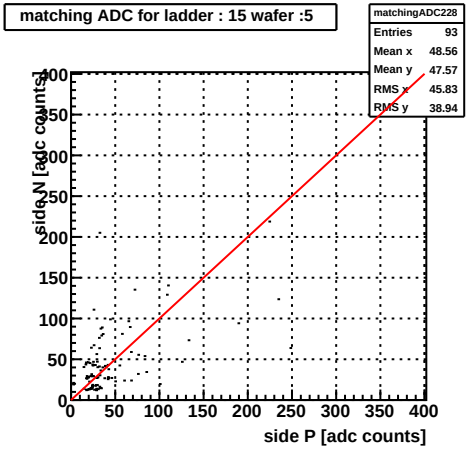

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 724
Mean x 74.2
Mean y 78.87
RMS x 56.85
RMS y 59.83
side N [adc counts]
side P [adc counts]

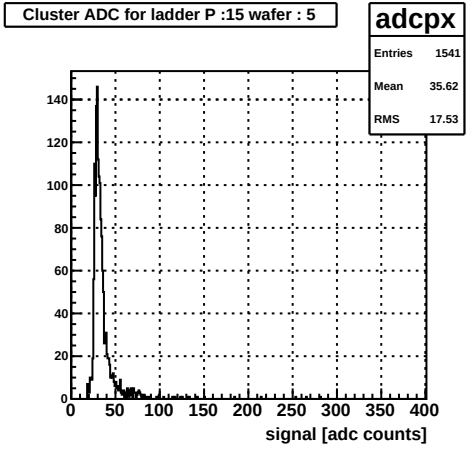

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1180
Mean 89.61
RMS 66.29
signal [adc counts]

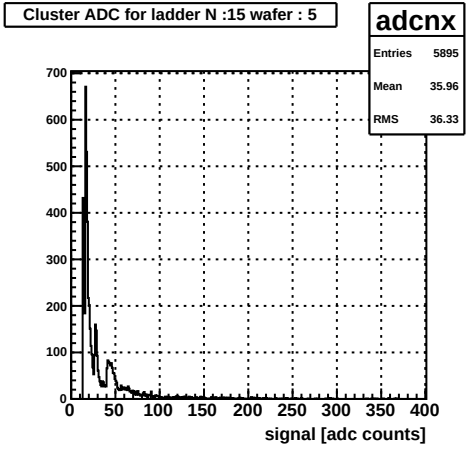

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 6235
Mean 32.28
RMS 37.81
signal [adc counts]

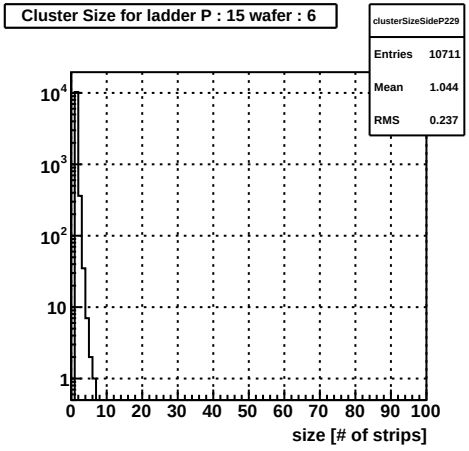

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1541
Mean 1.071
RMS 0.3121
size [# of strips]

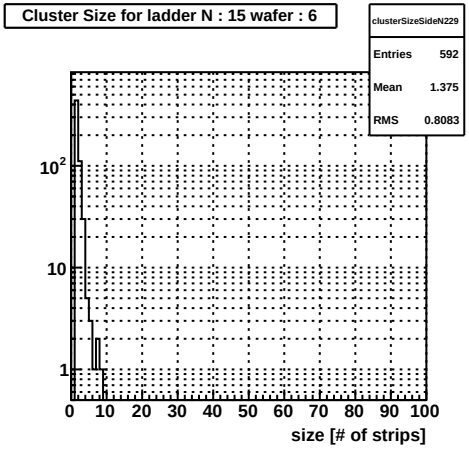

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 5895
Mean 1.444
RMS 0.7834
size [# of strips]

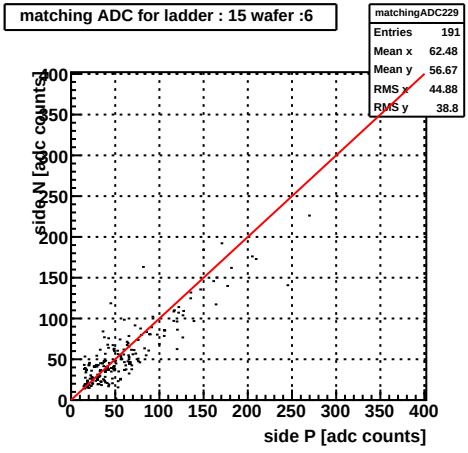

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 93
Mean x 48.56
Mean y 47.57
RMS x 45.83
RMS y 38.94
side N [adc counts]
side P [adc counts]

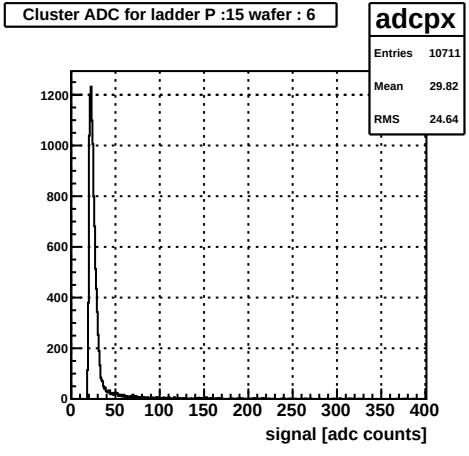

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1541
Mean 35.62
RMS 17.53
signal [adc counts]

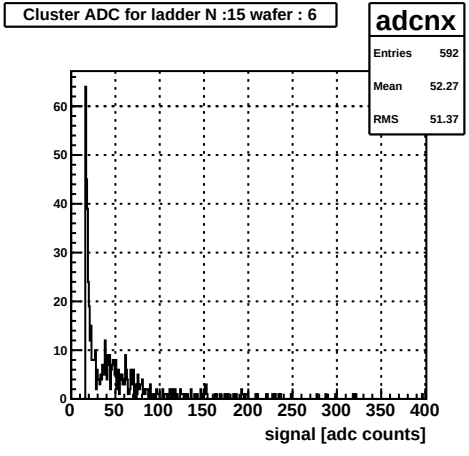

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 5895
Mean 35.96
RMS 36.33
signal [adc counts]

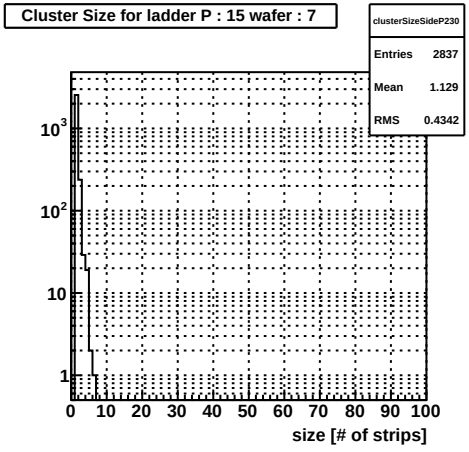

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 10711
Mean 1.044
RMS 0.237
size [# of strips]

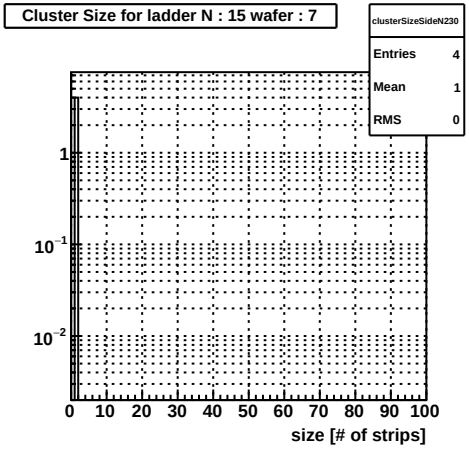

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 592
Mean 1.375
RMS 0.8083
size [# of strips]

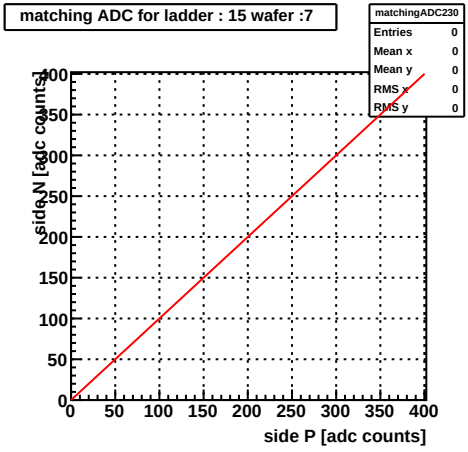

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 191
Mean x 62.48
Mean y 56.67
RMS x 44.88
RMS y 38.8
side N [adc counts]
side P [adc counts]

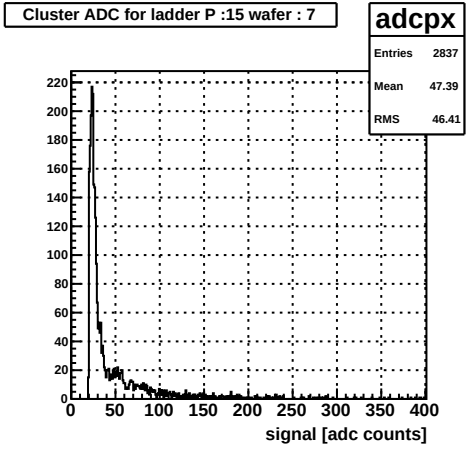

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 10711
Mean 29.82
RMS 24.64
signal [adc counts]

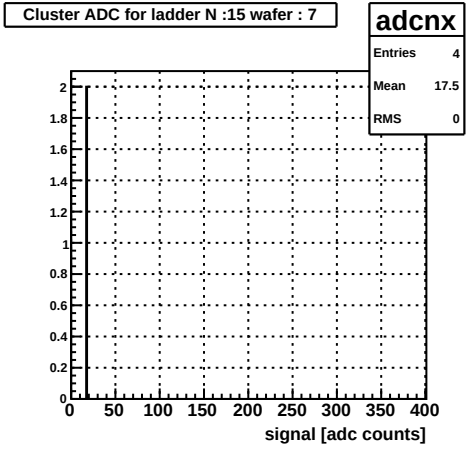

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 592
Mean 52.27
RMS 51.37
signal [adc counts]

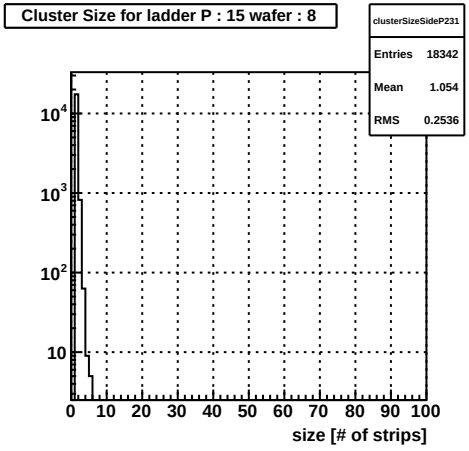

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2837
Mean 1.129
RMS 0.4342
size [# of strips]

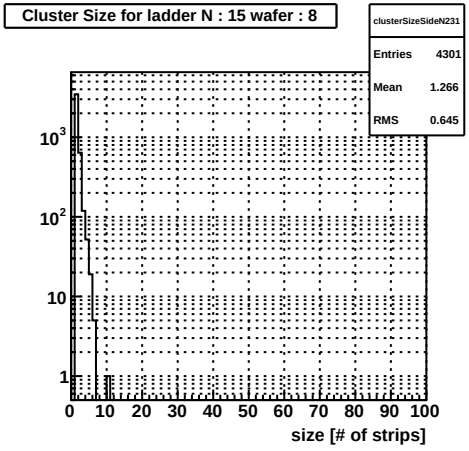

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 4
Mean 1
RMS 0
size [# of strips]

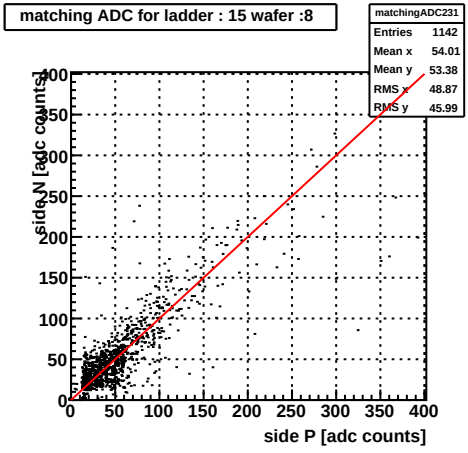

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

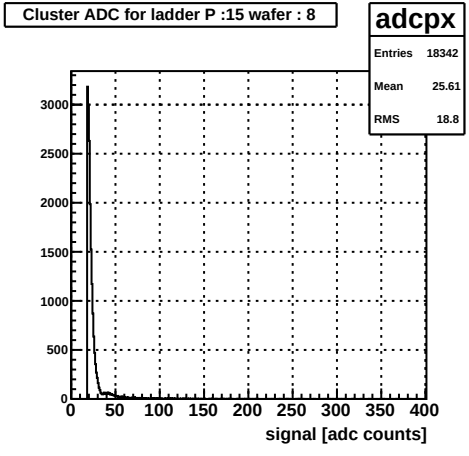

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2837
Mean 47.39
RMS 46.41
signal [adc counts]

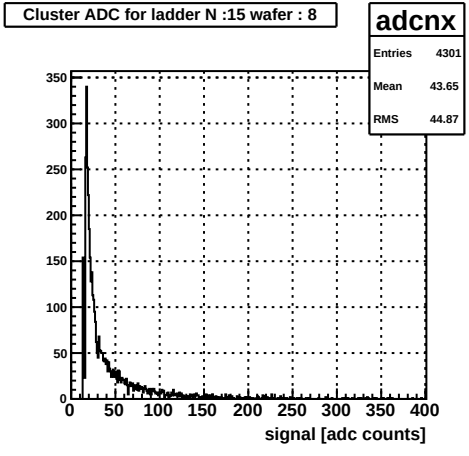

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 4
Mean 17.5
RMS 0
signal [adc counts]

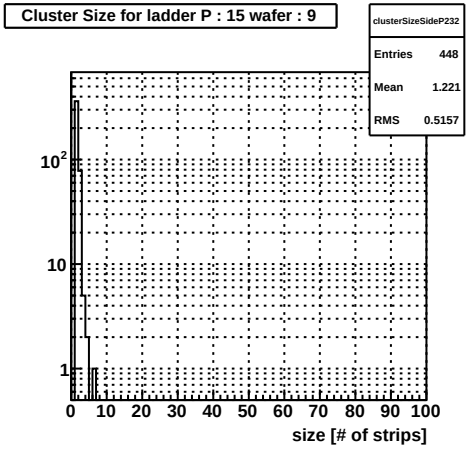

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 18342
Mean 1.054
RMS 0.2536
size [# of strips]

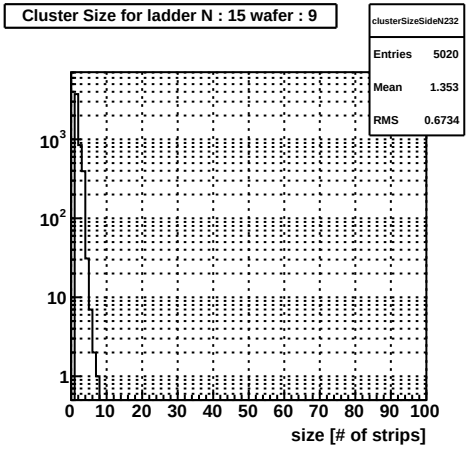

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4301
Mean 1.266
RMS 0.645
size [# of strips]

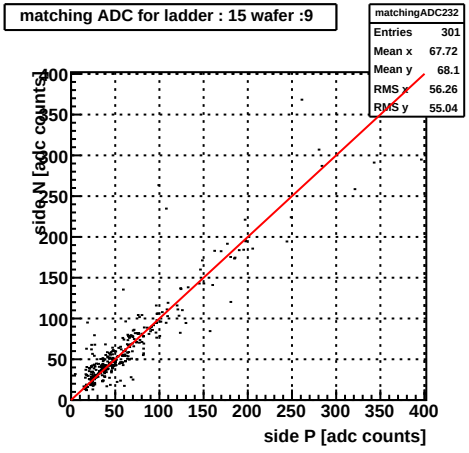

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1142
Mean x 54.01
Mean y 53.38
RMS x 48.87
RMS y 45.99
side N [adc counts]
side P [adc counts]

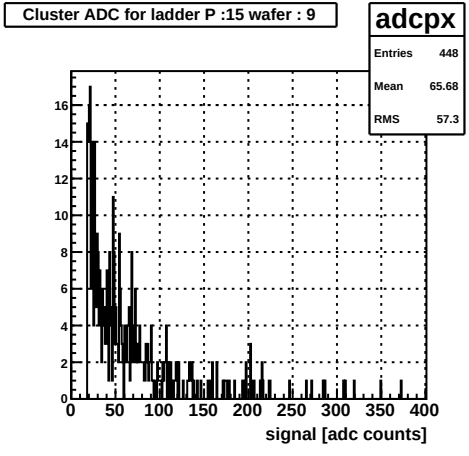

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 18342
Mean 25.61
RMS 18.8
signal [adc counts]

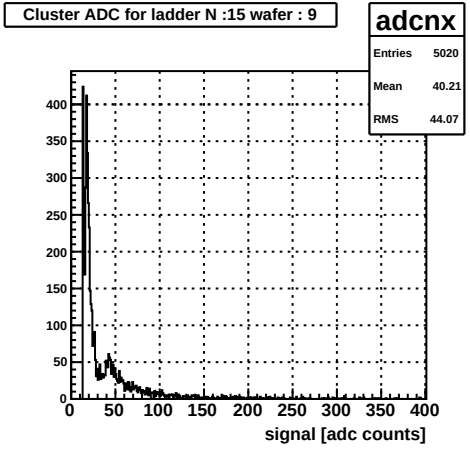

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4301
Mean 43.65
RMS 44.87
signal [adc counts]

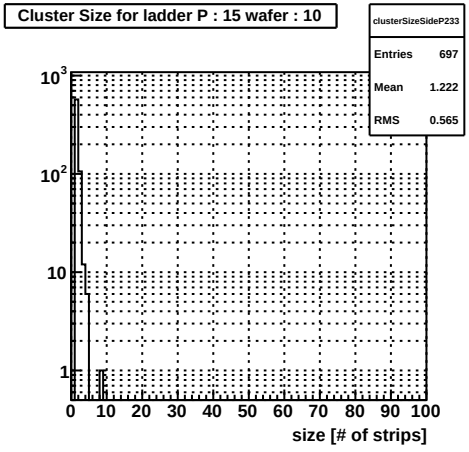

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 448
Mean 1.221
RMS 0.5157
size [# of strips]

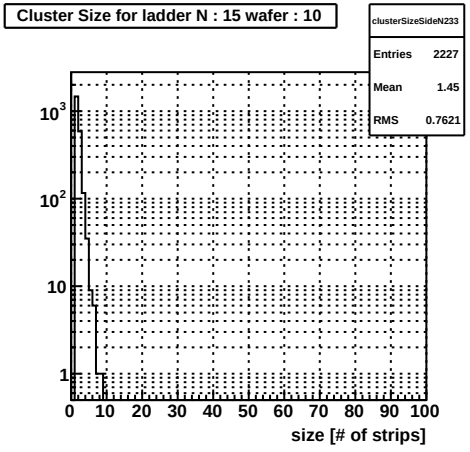

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5020
Mean 1.353
RMS 0.6734
size [# of strips]

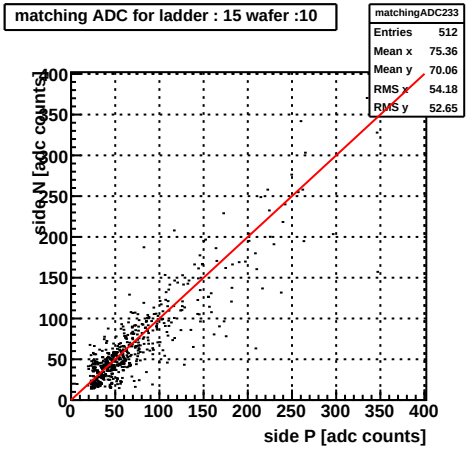

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 301
Mean x 67.72
Mean y 68.1
RMS x 56.26
RMS y 55.04
side N [adc counts]
side P [adc counts]

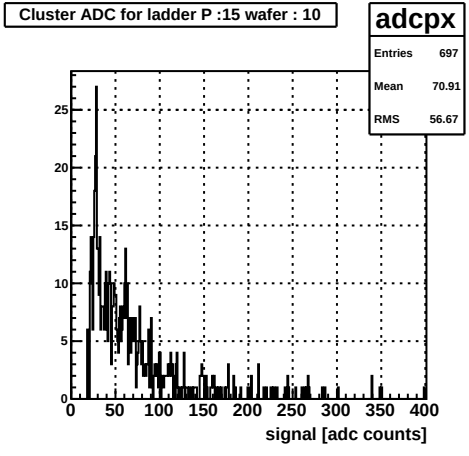

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 448
Mean 65.68
RMS 57.3
signal [adc counts]

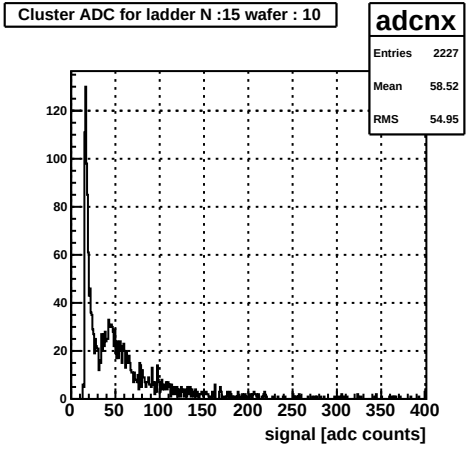

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5020
Mean 40.21
RMS 44.07
signal [adc counts]

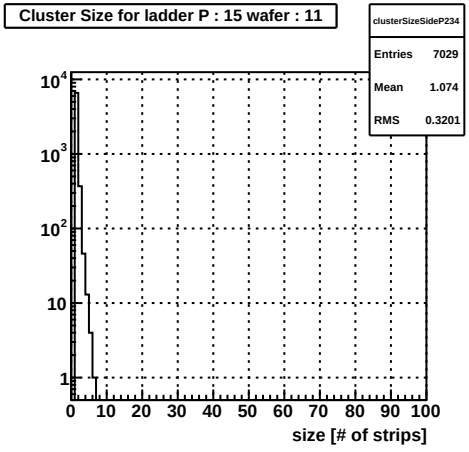

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 697
Mean 1.222
RMS 0.565
size [# of strips]

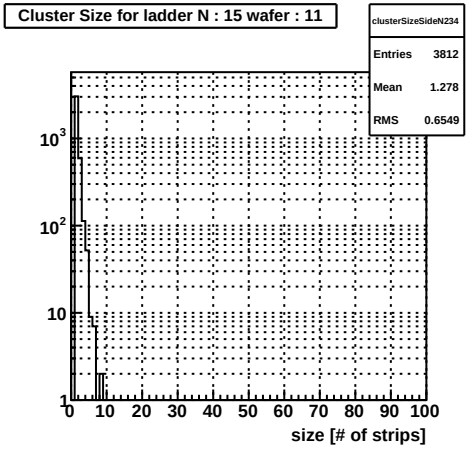

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2227
Mean 1.45
RMS 0.7621
size [# of strips]

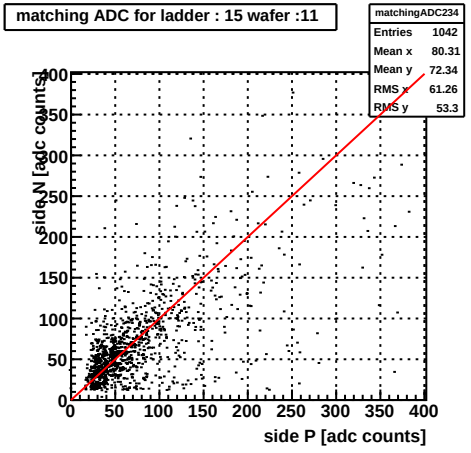

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 512
Mean x 75.36
Mean y 70.06
RMS x 54.18
RMS y 52.65
side N [adc counts]
side P [adc counts]

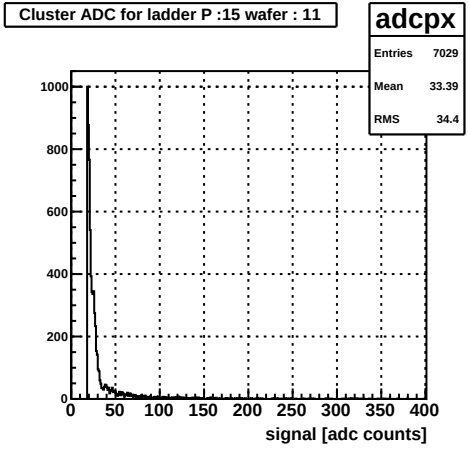

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 697
Mean 70.91
RMS 56.67
signal [adc counts]

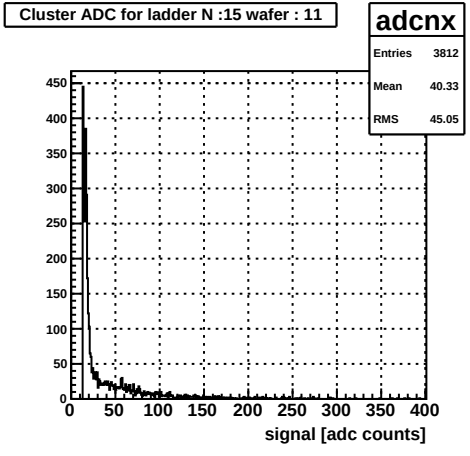

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2227
Mean 58.52
RMS 54.95
signal [adc counts]

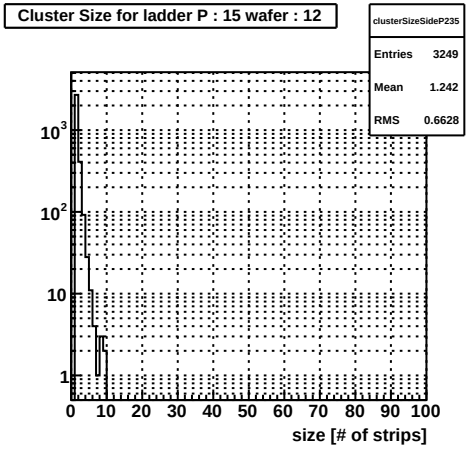

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 7029
Mean 1.074
RMS 0.3201
size [# of strips]

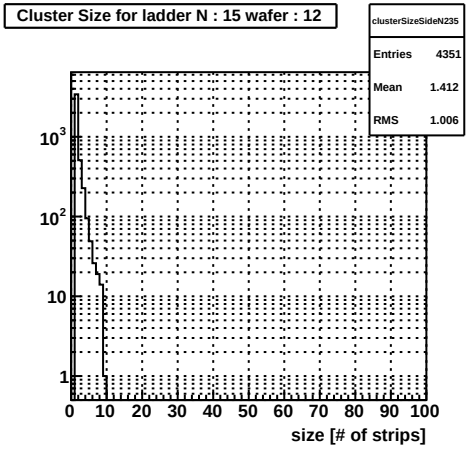

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 3812
Mean 1.278
RMS 0.6549
size [# of strips]

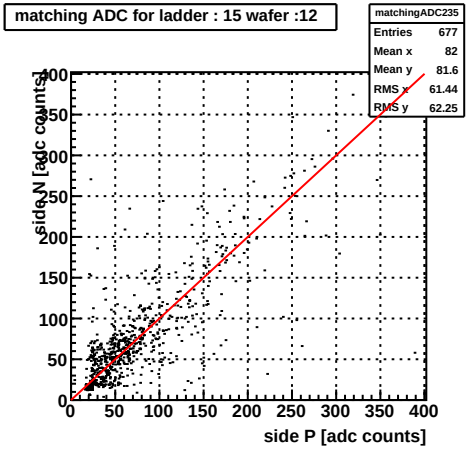

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1042
Mean x 80.31
Mean y 72.34
RMS x 61.26
RMS y 53.3
side N [adc counts]
side P [adc counts]

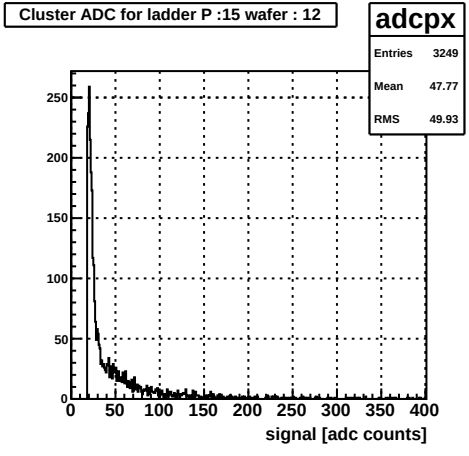

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 7029
Mean 33.39
RMS 34.4
signal [adc counts]

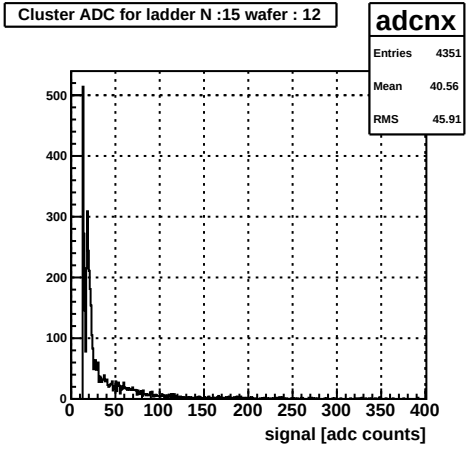

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 3812
Mean 40.33
RMS 45.05
signal [adc counts]

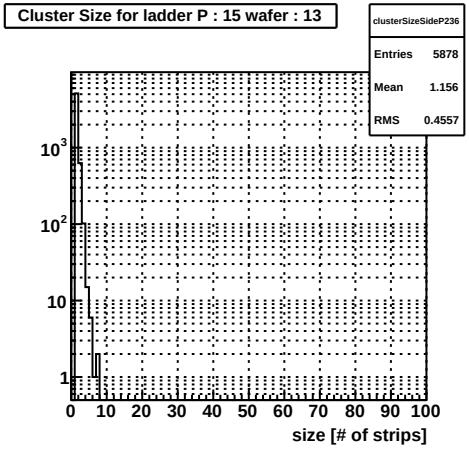

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 3249
Mean 1.242
RMS 0.6628
size [# of strips]

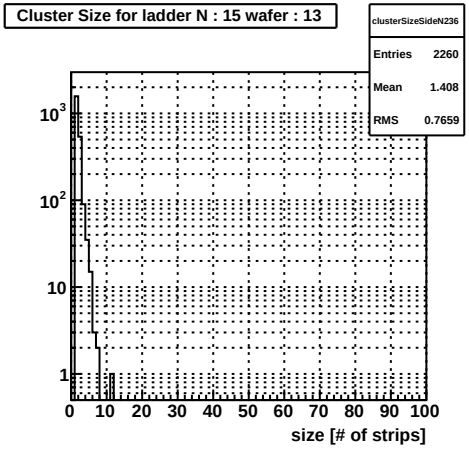

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4351
Mean 1.412
RMS 1.006
size [# of strips]

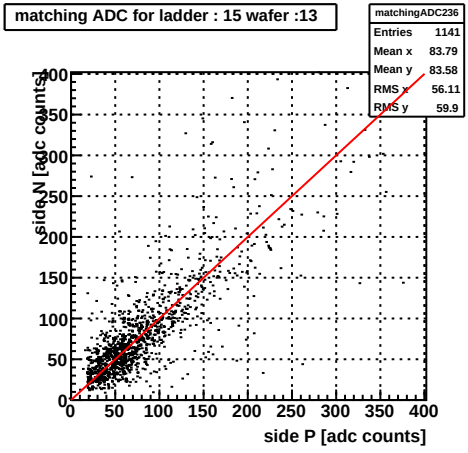

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 677
Mean x 82
Mean y 81.6
RMS x 61.44
RMS y 62.25
side N [adc counts]
side P [adc counts]

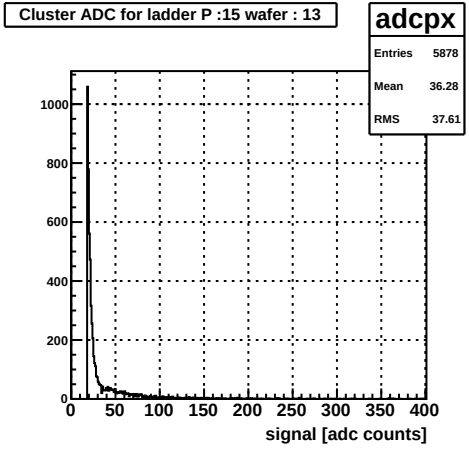

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 3249
Mean 47.77
RMS 49.93
signal [adc counts]

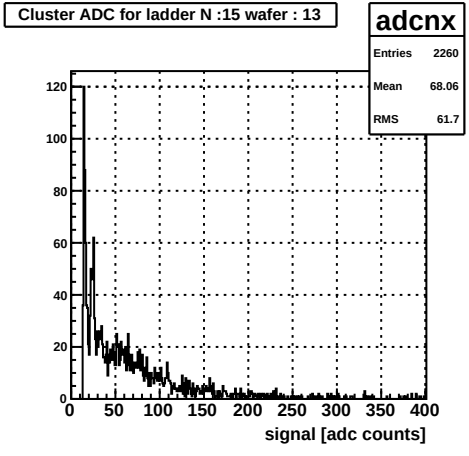

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4351
Mean 40.56
RMS 45.91
signal [adc counts]

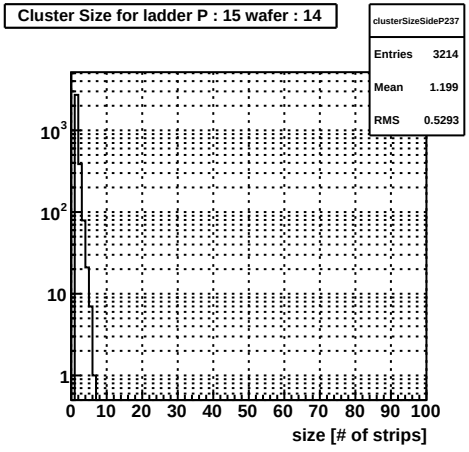

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 5878
Mean 1.156
RMS 0.4557
size [# of strips]

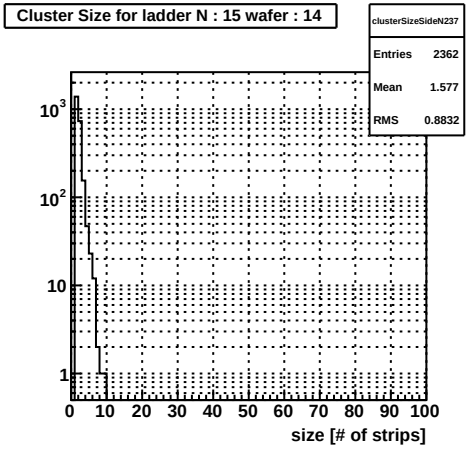

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2260
Mean 1.408
RMS 0.7659
size [# of strips]

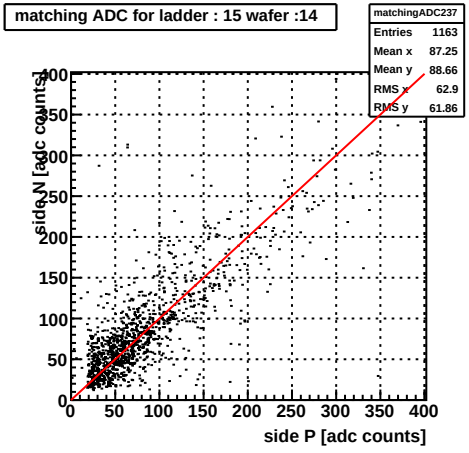

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1141
Mean x 83.79
Mean y 83.58
RMS x 56.11
RMS y 59.9
side N [adc counts]
side P [adc counts]

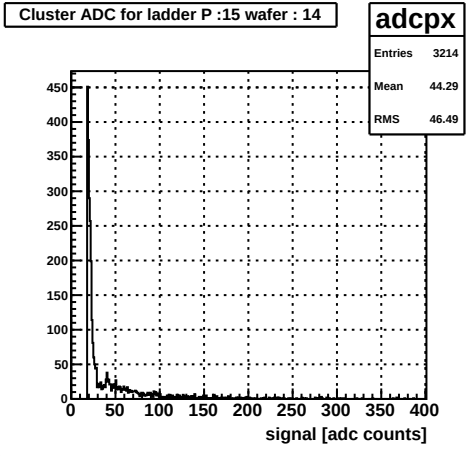

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 5878
Mean 36.28
RMS 37.61
signal [adc counts]

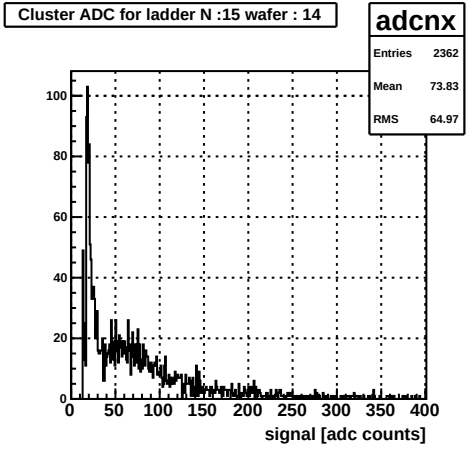

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2260
Mean 68.06
RMS 61.7
signal [adc counts]

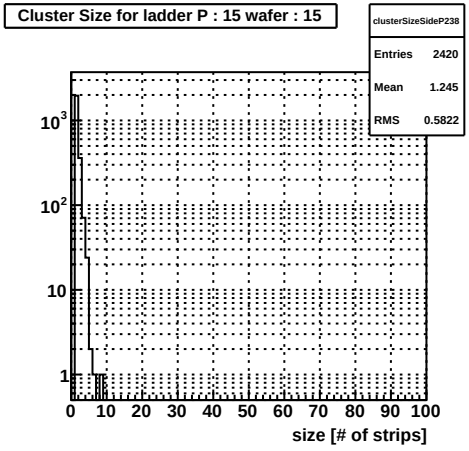

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 3214
Mean 1.199
RMS 0.5293
size [# of strips]

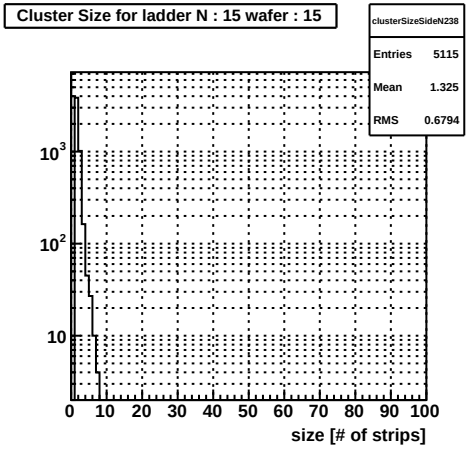

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2362
Mean 1.577
RMS 0.8832
size [# of strips]

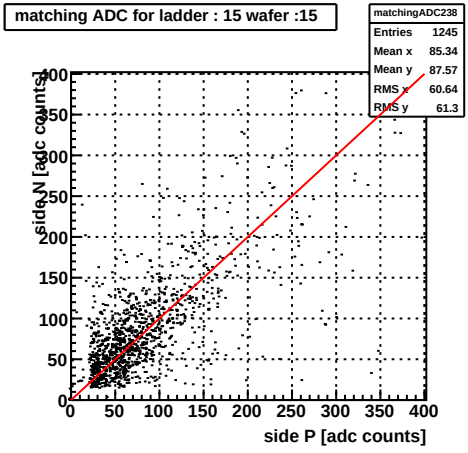

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1163
Mean x 87.25
Mean y 88.66
RMS x 62.9
RMS y 61.86
side N [adc counts]
side P [adc counts]

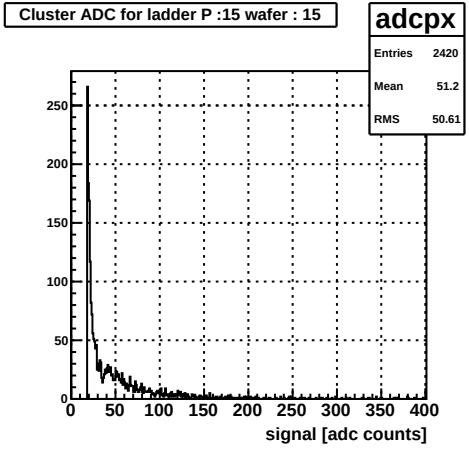

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 3214
Mean 44.29
RMS 46.49
signal [adc counts]

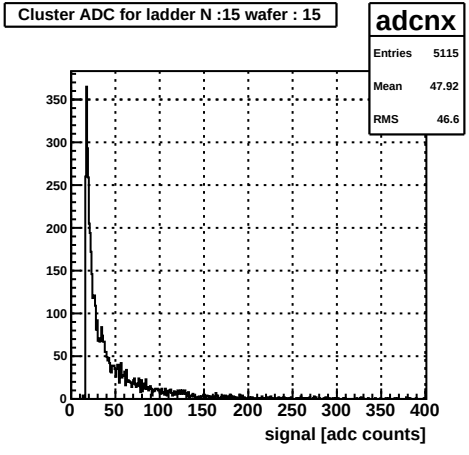

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2362
Mean 73.83
RMS 64.97
signal [adc counts]

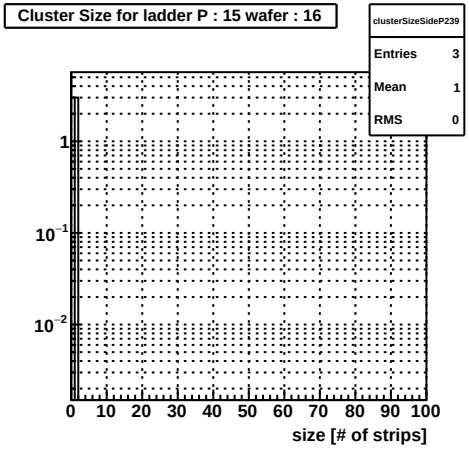

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2420
Mean 1.245
RMS 0.5822
size [# of strips]

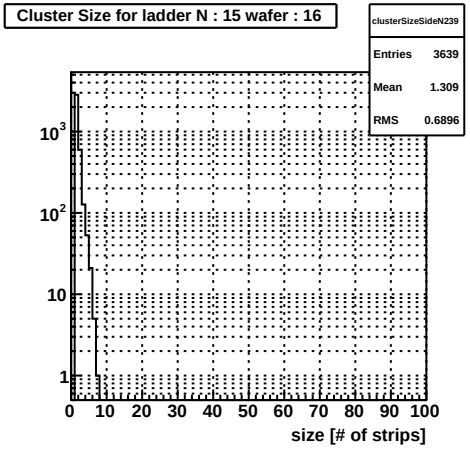

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 5115
Mean 1.325
RMS 0.6794
size [# of strips]

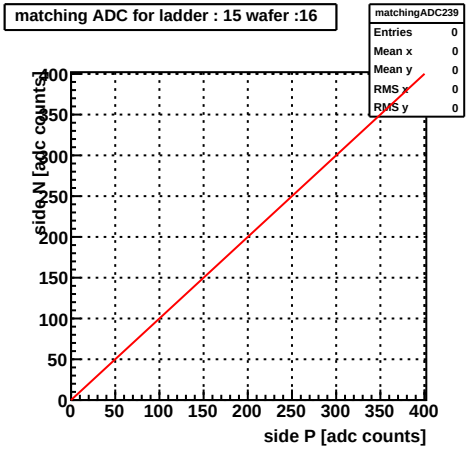

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1245
Mean x 85.34
Mean y 87.57
RMS x 60.64
RMS y 61.3
side N [adc counts]
side P [adc counts]

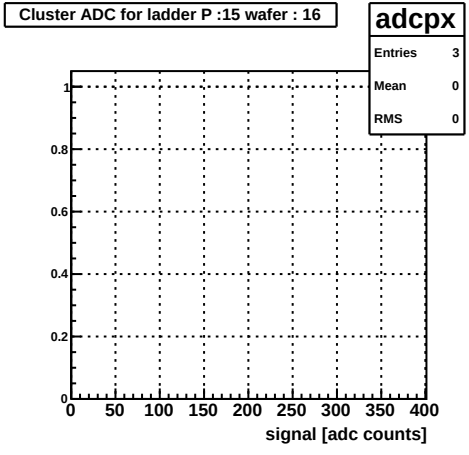

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2420
Mean 51.2
RMS 50.61
signal [adc counts]

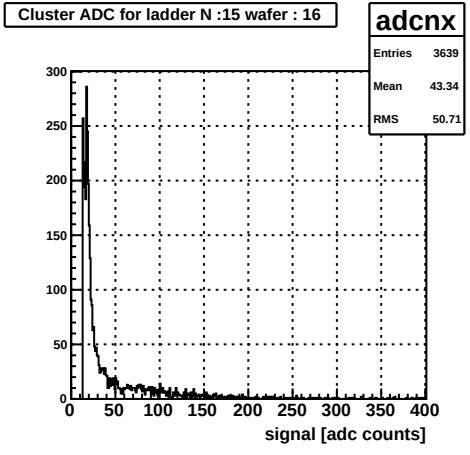

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 5115
Mean 47.92
RMS 46.6
signal [adc counts]

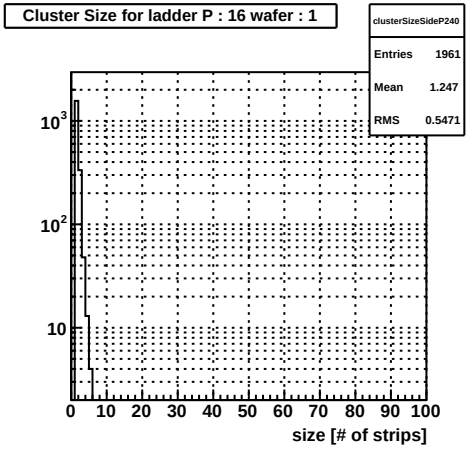

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 3
Mean 1
RMS 0
size [# of strips]

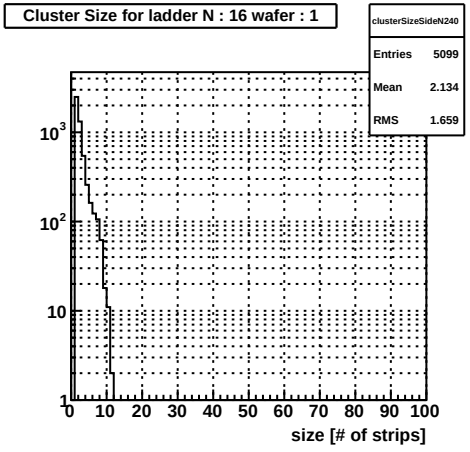

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3639
Mean 1.309
RMS 0.6896
size [# of strips]

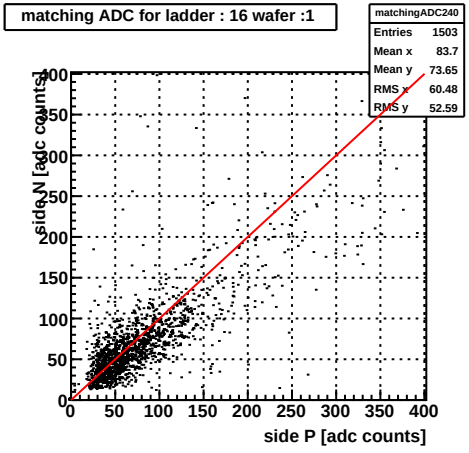

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

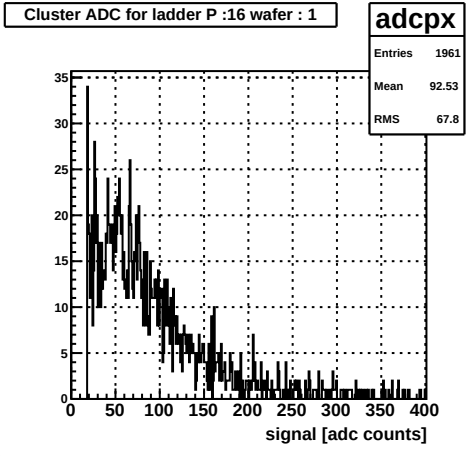

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

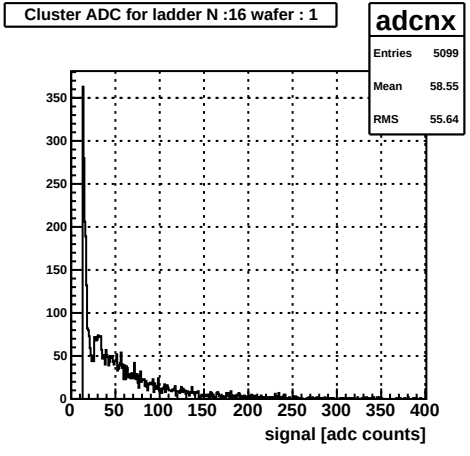

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3639
Mean 43.34
RMS 50.71
signal [adc counts]

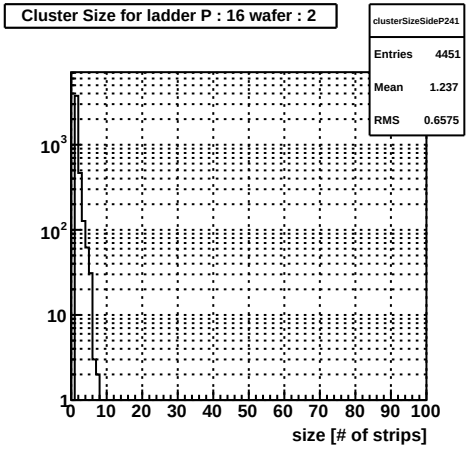

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 1961
Mean 1.247
RMS 0.5471
size [# of strips]

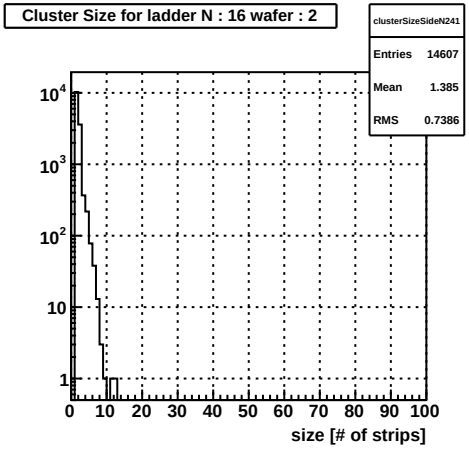

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 5099
Mean 2.134
RMS 1.659
size [# of strips]

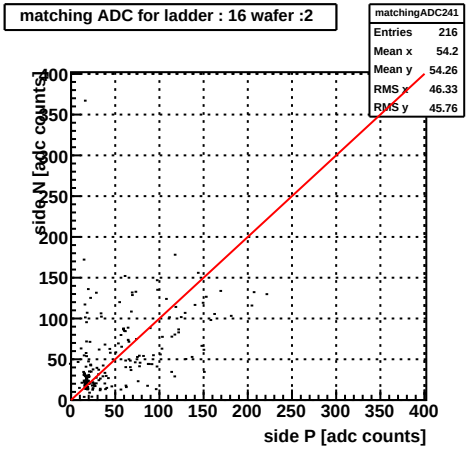

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1503
Mean x 83.7
Mean y 73.65
RMS x 60.48
RMS y 52.59
side N [adc counts]
side P [adc counts]

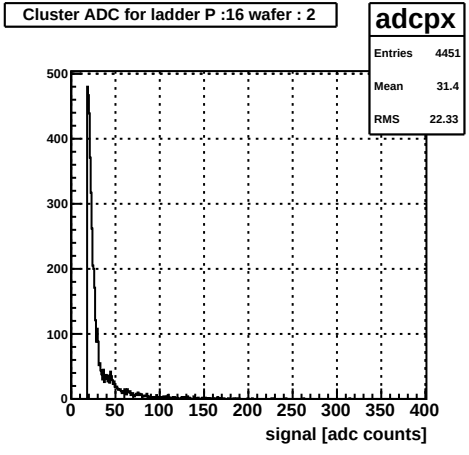

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 1961
Mean 92.53
RMS 67.8
signal [adc counts]

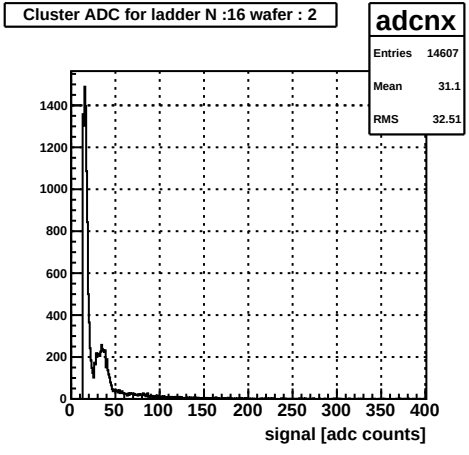

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 5099
Mean 58.55
RMS 55.64
signal [adc counts]

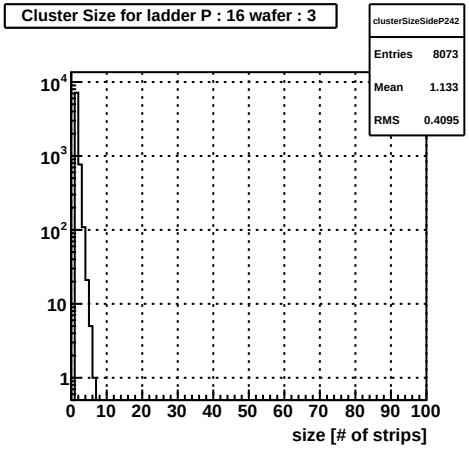

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 4451
Mean 1.237
RMS 0.6575
size [# of strips]

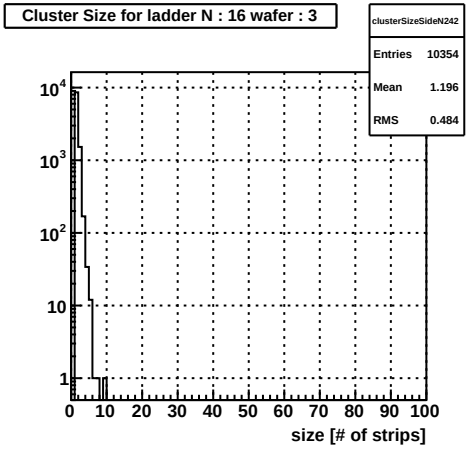

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 14607
Mean 1.385
RMS 0.7386
size [# of strips]

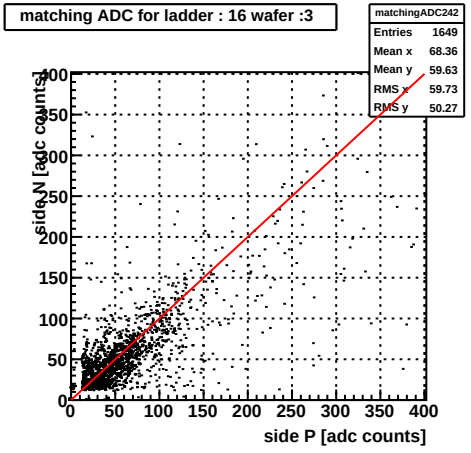

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 216
Mean x 54.2
Mean y 54.26
RMS x 46.33
RMS y 45.76
side N [adc counts]
side P [adc counts]

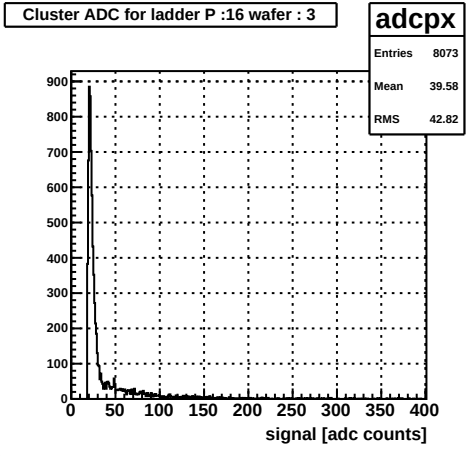

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 4451
Mean 31.4
RMS 22.33
signal [adc counts]

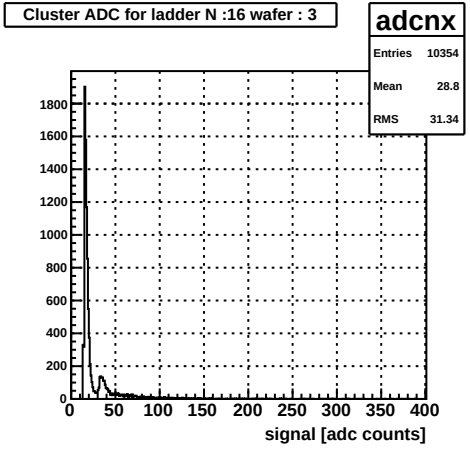

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 14607
Mean 31.1
RMS 32.51
signal [adc counts]

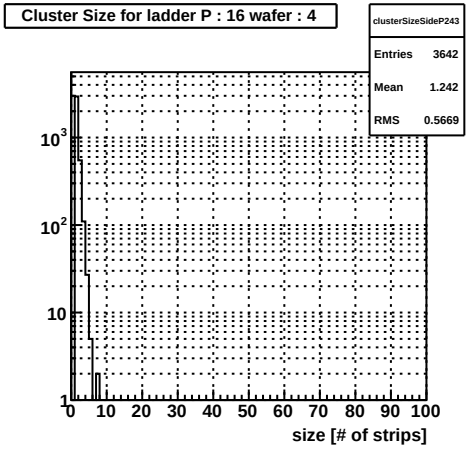

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 8073
Mean 1.133
RMS 0.4095
size [# of strips]

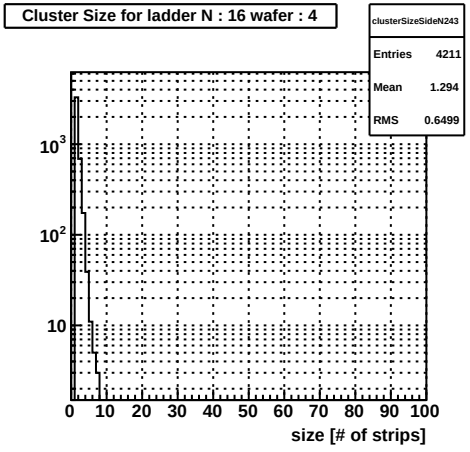

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 10354
Mean 1.196
RMS 0.484
size [# of strips]

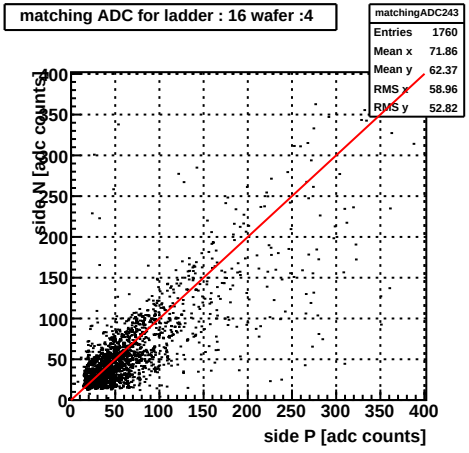

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1649
Mean x 68.36
Mean y 59.63
RMS x 59.73
RMS y 50.27
side N [adc counts]
side P [adc counts]

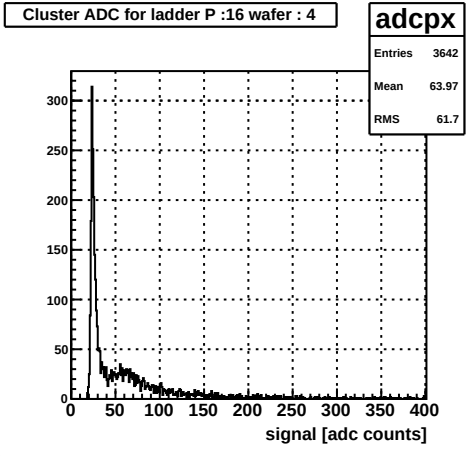

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 8073
Mean 39.58
RMS 42.82
signal [adc counts]

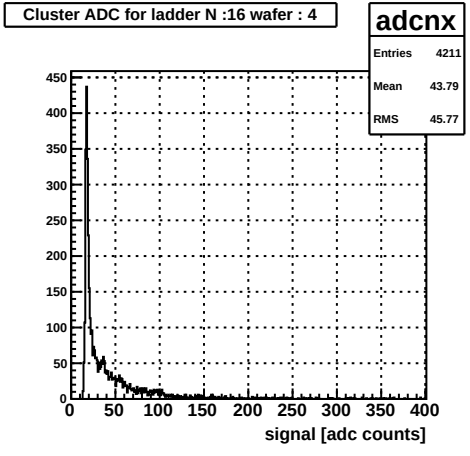

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 10354
Mean 28.8
RMS 31.34
signal [adc counts]

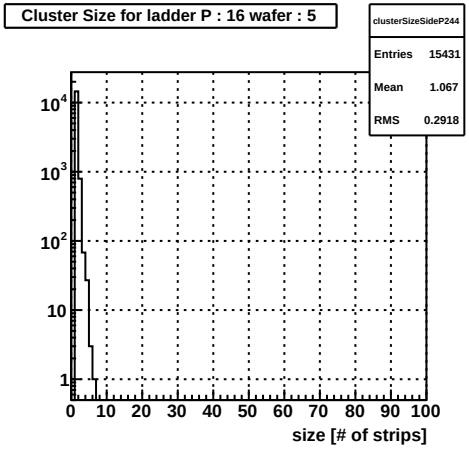

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3642
Mean 1.242
RMS 0.5669
size [# of strips]

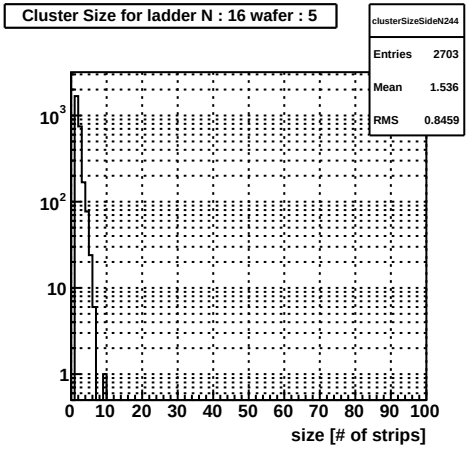

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 4211
Mean 1.294
RMS 0.6499
size [# of strips]

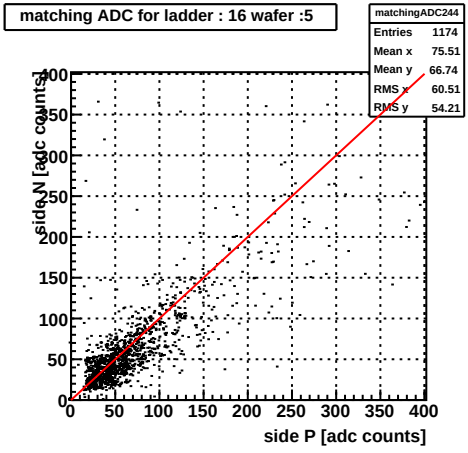

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1760
Mean x 71.86
Mean y 62.37
RMS x 58.96
RMS y 52.82
side N [adc counts]
side P [adc counts]

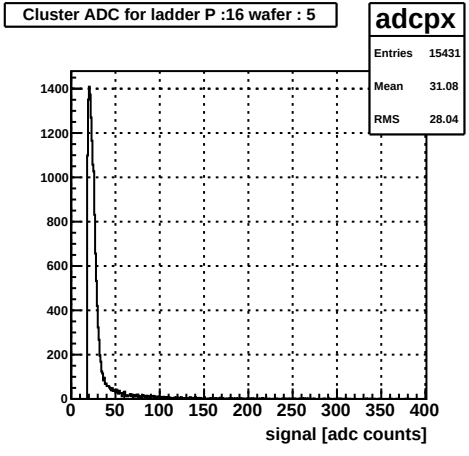

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3642
Mean 63.97
RMS 61.7
signal [adc counts]

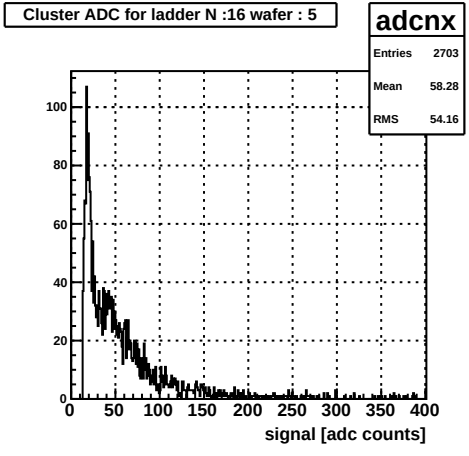

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 4211
Mean 43.79
RMS 45.77
signal [adc counts]

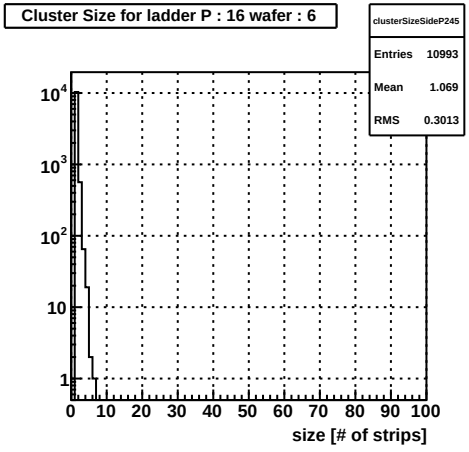

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 15431
Mean 1.067
RMS 0.2918
size [# of strips]

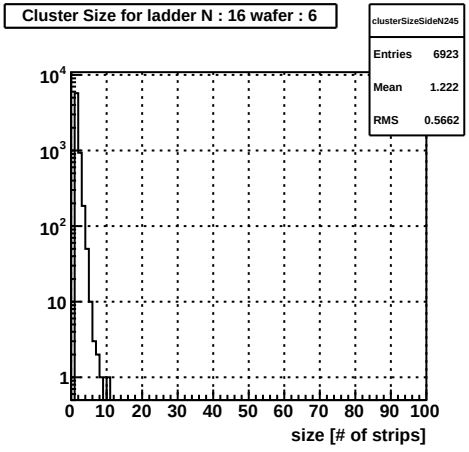

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2703
Mean 1.536
RMS 0.8459
size [# of strips]

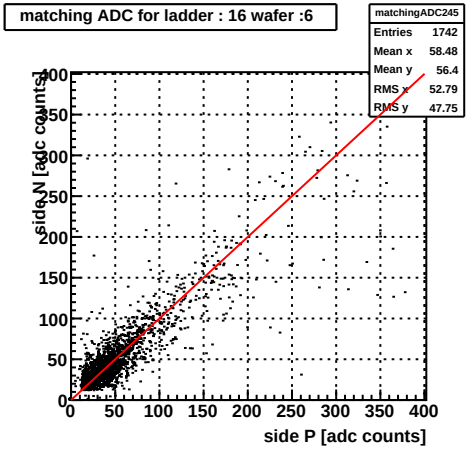

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1174
Mean x 75.51
Mean y 66.74
RMS x 60.51
RMS y 54.21
side N [adc counts]
side P [adc counts]

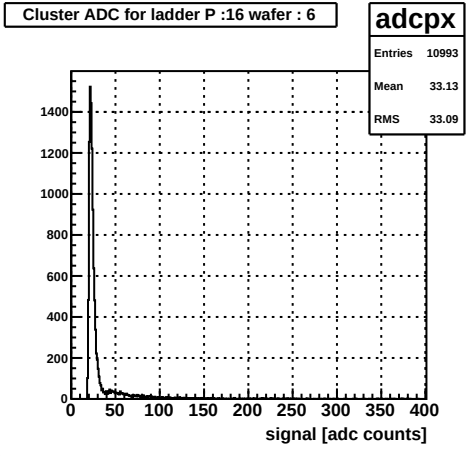

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 15431
Mean 31.08
RMS 28.04
signal [adc counts]

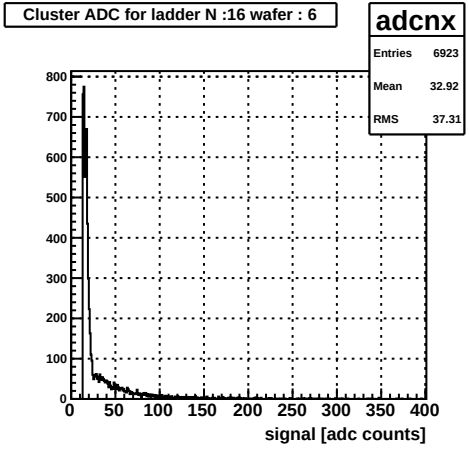

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2703
Mean 58.28
RMS 54.16
signal [adc counts]

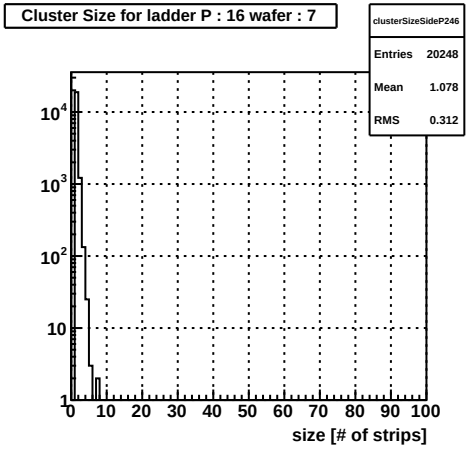

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 10993
Mean 1.069
RMS 0.3013
size [# of strips]

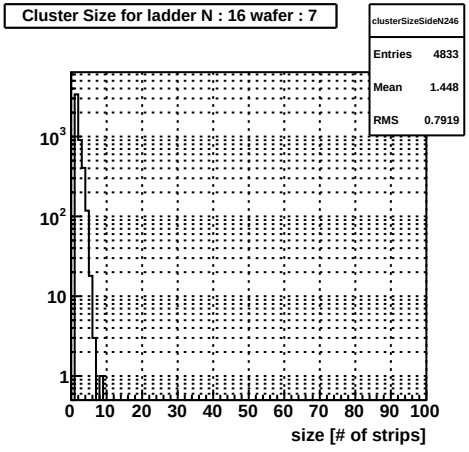

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 6923
Mean 1.222
RMS 0.5662
size [# of strips]

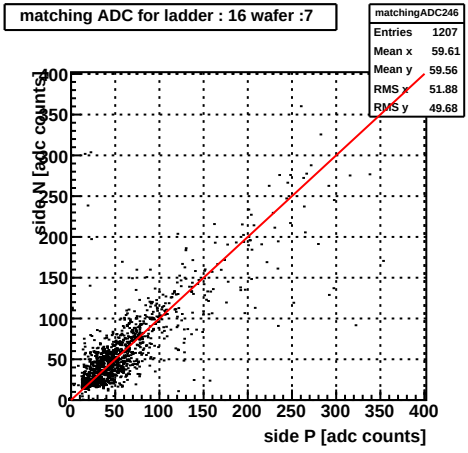

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1742
Mean x 58.48
Mean y 56.4
RMS x 52.79
RMS y 47.75
side N [adc counts]
side P [adc counts]

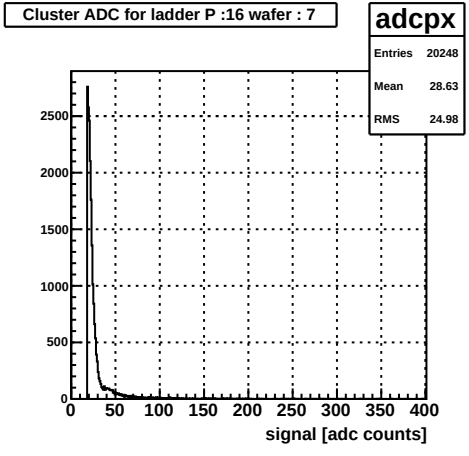

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 10993
Mean 33.13
RMS 33.09
signal [adc counts]

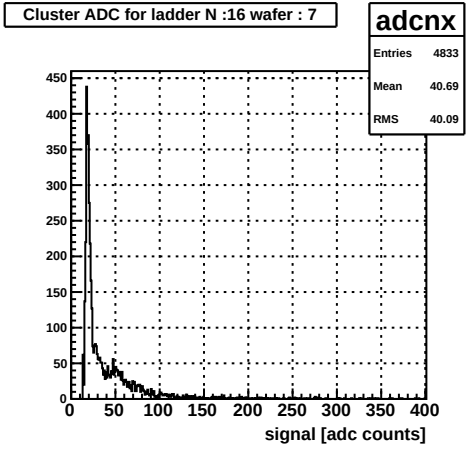

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 6923
Mean 32.92
RMS 37.31
signal [adc counts]

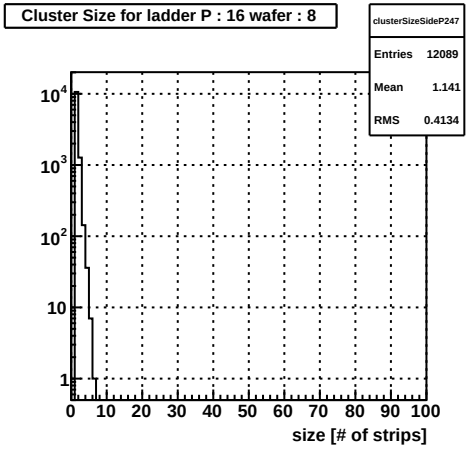

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 20248
Mean 1.078
RMS 0.312
size [# of strips]

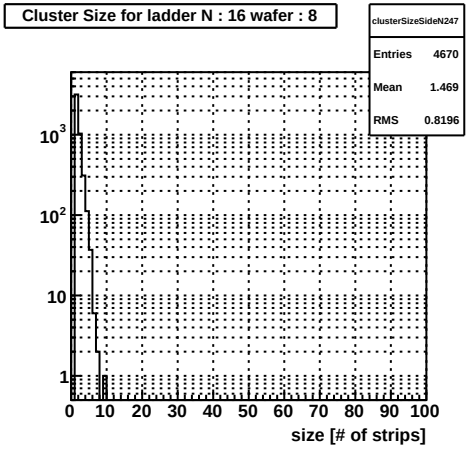

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 4833
Mean 1.448
RMS 0.7919
size [# of strips]

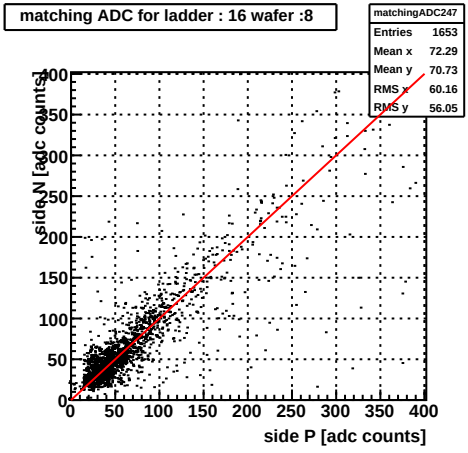

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 1207
Mean x 59.61
Mean y 59.56
RMS x 51.88
RMS y 49.68
side N [adc counts]
side P [adc counts]

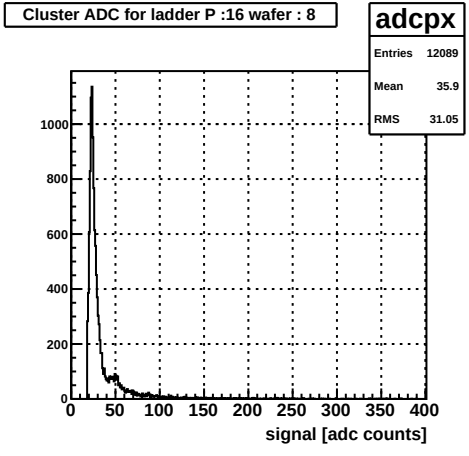

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 20248
Mean 28.63
RMS 24.98
signal [adc counts]

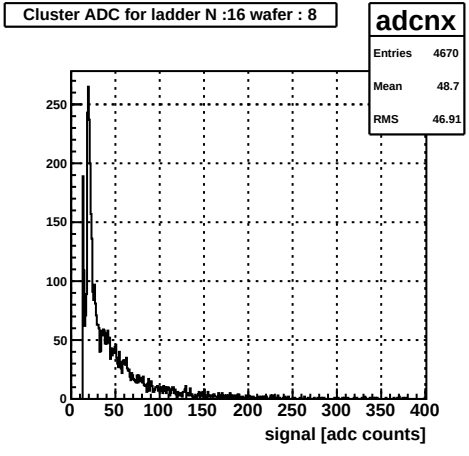

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 4833
Mean 40.69
RMS 40.09
signal [adc counts]

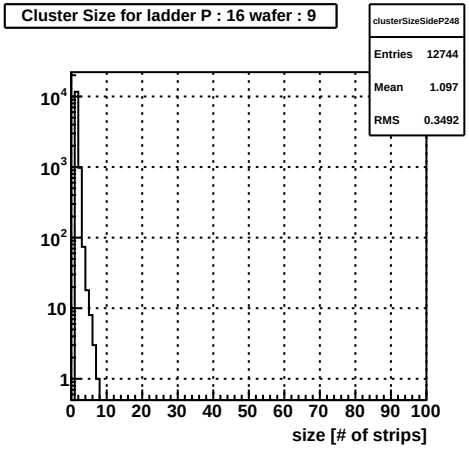

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 12089
Mean 1.141
RMS 0.4134
size [# of strips]

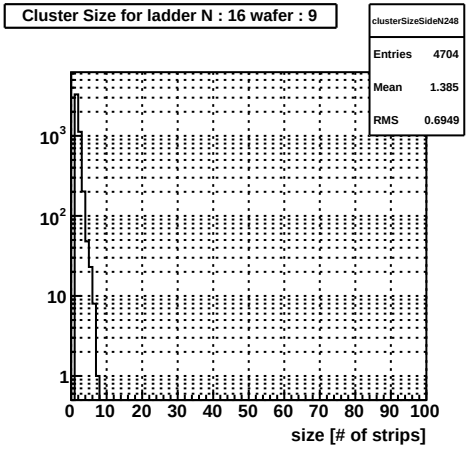

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 4670
Mean 1.469
RMS 0.8196
size [# of strips]

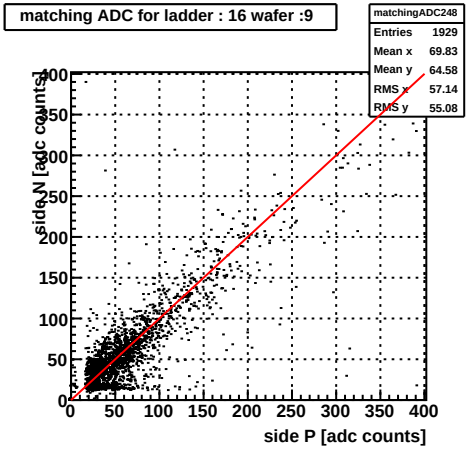

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1653
Mean x 72.29
Mean y 70.73
RMS x 60.16
RMS y 56.05
side N [adc counts]
side P [adc counts]

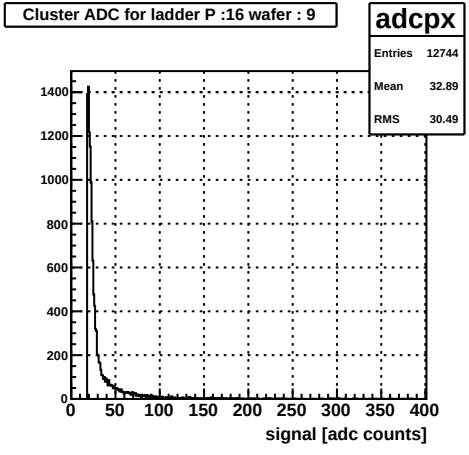

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 12089
Mean 35.9
RMS 31.05
signal [adc counts]

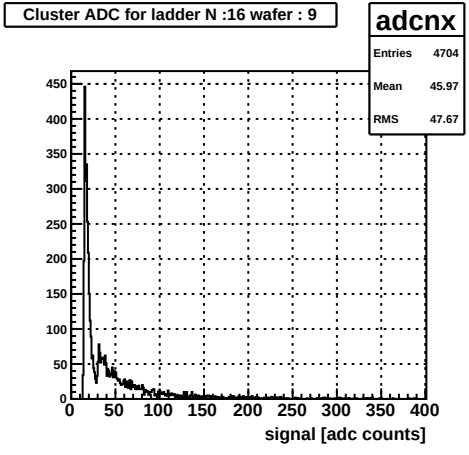

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 4670
Mean 48.7
RMS 46.91
signal [adc counts]

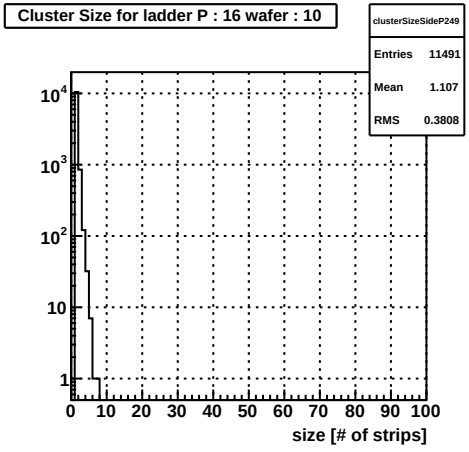

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 12744
Mean 1.097
RMS 0.3492
size [# of strips]

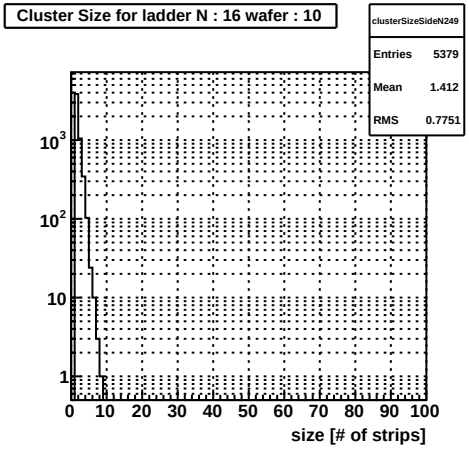

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 4704
Mean 1.385
RMS 0.6949
size [# of strips]

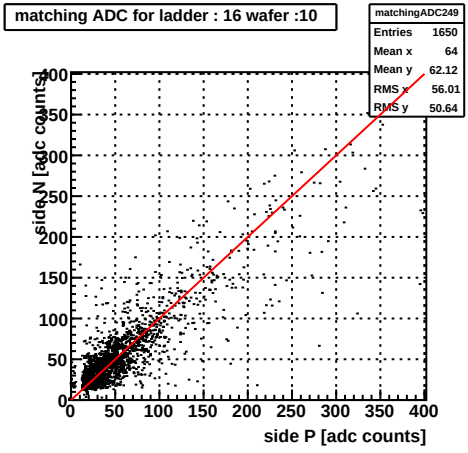

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1929
Mean x 69.83
Mean y 64.58
RMS x 57.14
RMS y 55.08
side N [adc counts]
side P [adc counts]

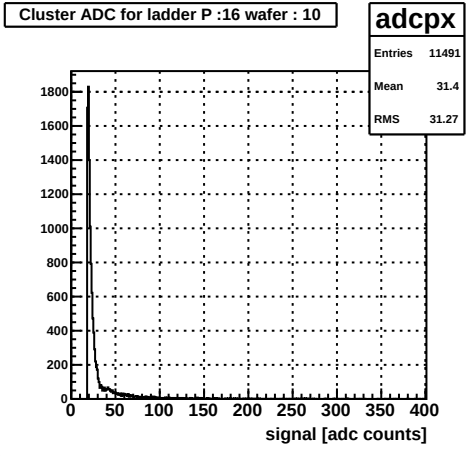

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 12744
Mean 32.89
RMS 30.49
signal [adc counts]

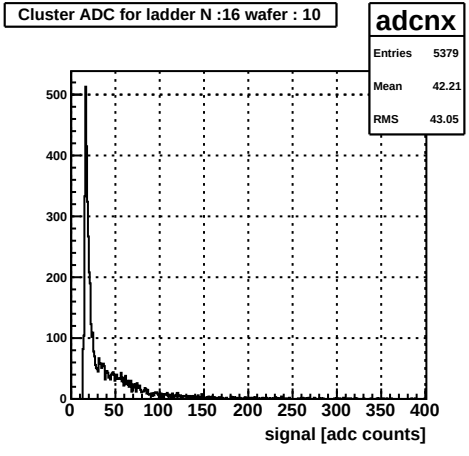

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 4704
Mean 45.97
RMS 47.67
signal [adc counts]

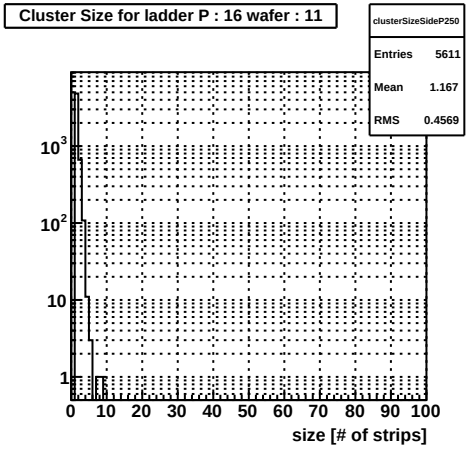

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 11491
Mean 1.107
RMS 0.3808
size [# of strips]

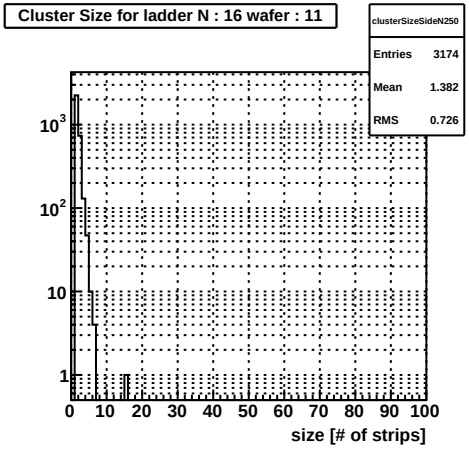

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 5379
Mean 1.412
RMS 0.7751
size [# of strips]

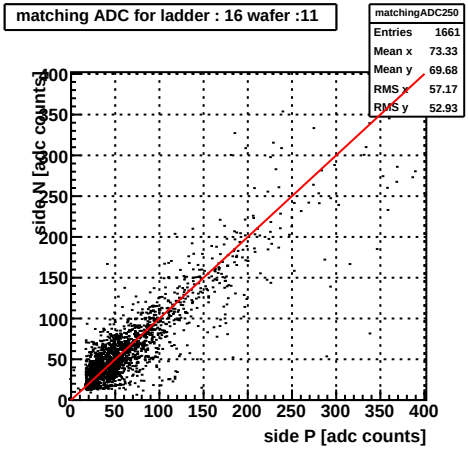

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1650
Mean x 64
Mean y 62.12
RMS x 56.01
RMS y 50.64
side N [adc counts]
side P [adc counts]

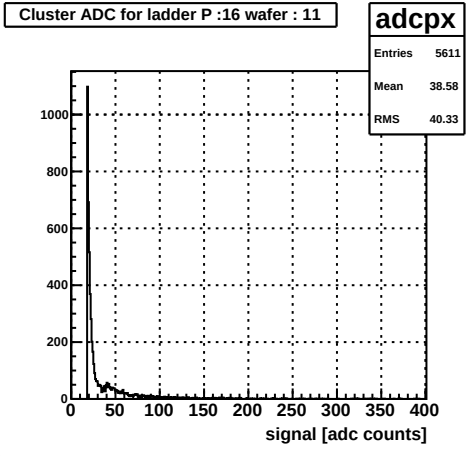

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 11491
Mean 31.4
RMS 31.27
signal [adc counts]

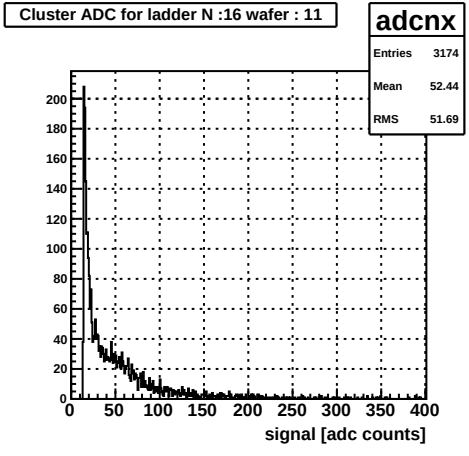

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 5379
Mean 42.21
RMS 43.05
signal [adc counts]

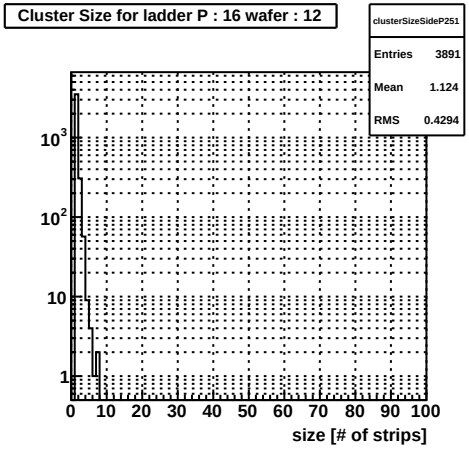

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 5611
Mean 1.167
RMS 0.4569
size [# of strips]

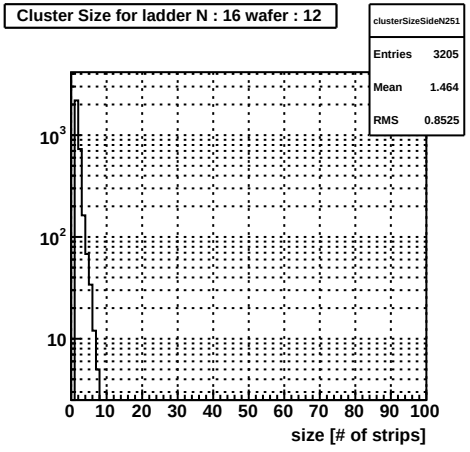

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 3174
Mean 1.382
RMS 0.726
size [# of strips]

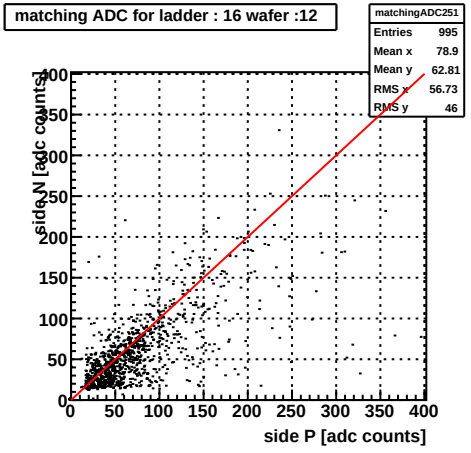

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1661
Mean x 73.33
Mean y 69.68
RMS x 57.17
RMS y 52.93
side N [adc counts]
side P [adc counts]

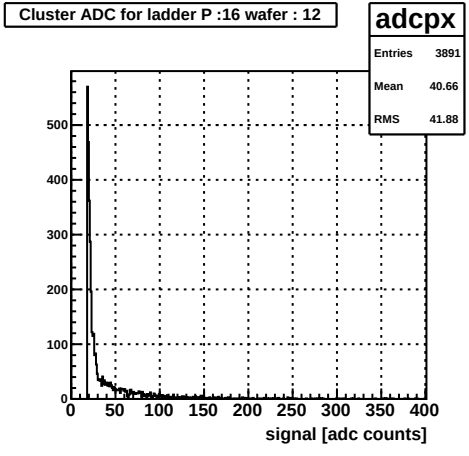

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 5611
Mean 38.58
RMS 40.33
signal [adc counts]

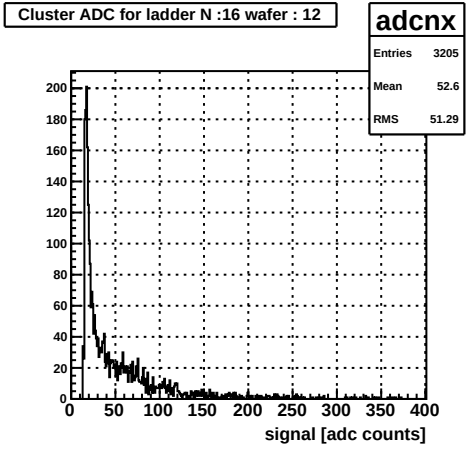

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 3174
Mean 52.44
RMS 51.69
signal [adc counts]

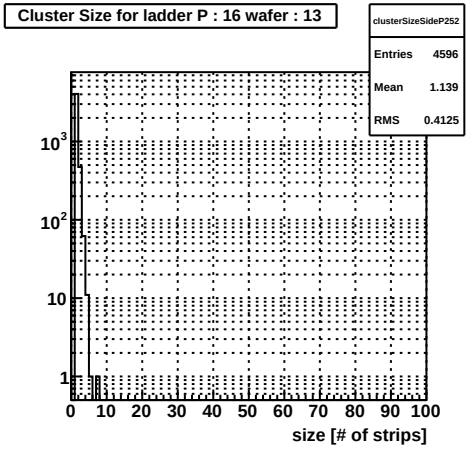

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3891
Mean 1.124
RMS 0.4294
size [# of strips]

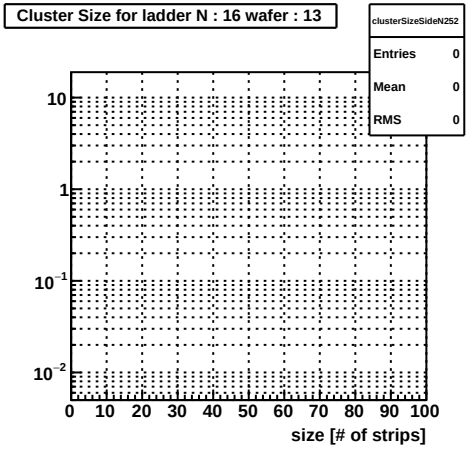

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3205
Mean 1.464
RMS 0.8525
size [# of strips]

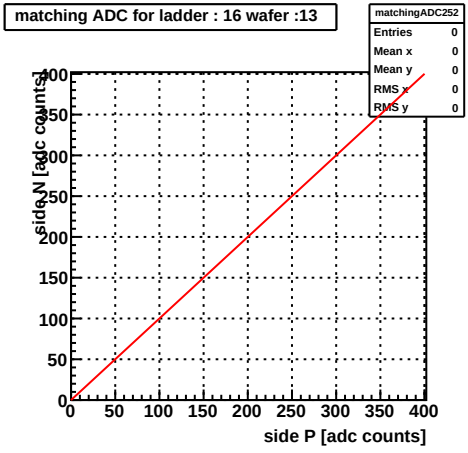

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 995
Mean x 78.9
Mean y 62.81
RMS x 56.73
RMS y 46
side N [adc counts]
side P [adc counts]

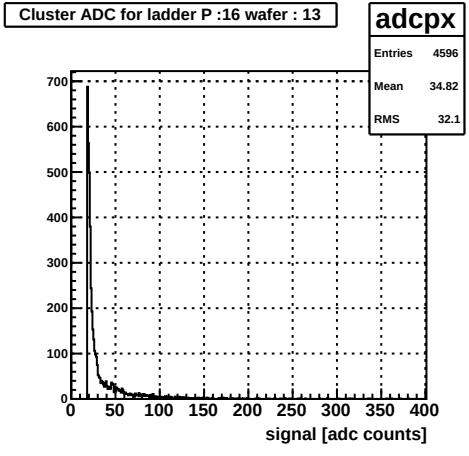

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3891
Mean 40.66
RMS 41.88
signal [adc counts]

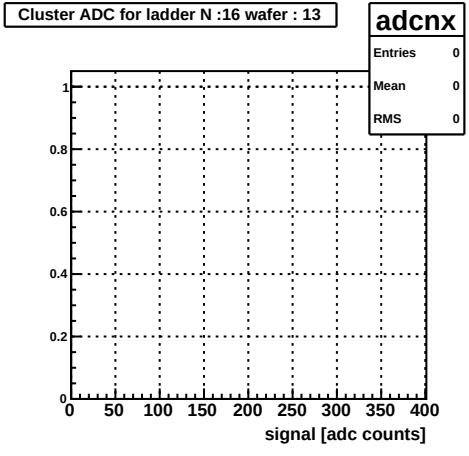

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3205
Mean 52.6
RMS 51.29
signal [adc counts]

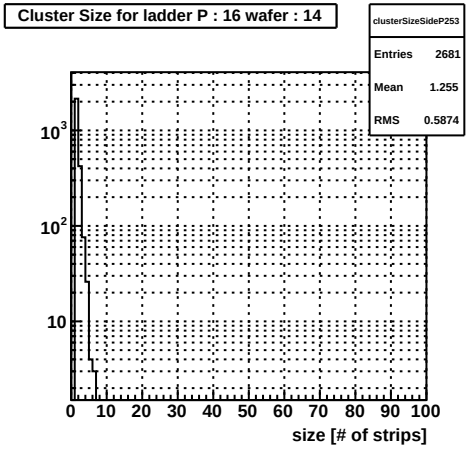

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 4596
Mean 1.139
RMS 0.4125
size [# of strips]

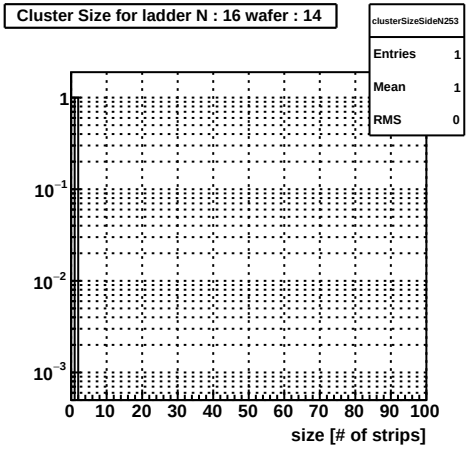

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

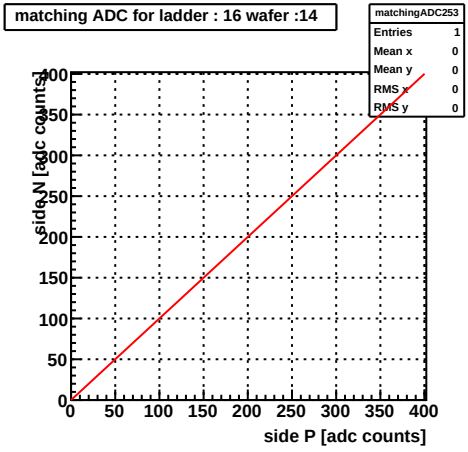

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

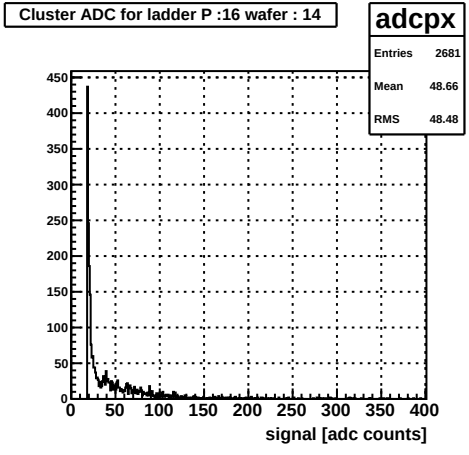

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 4596
Mean 34.82
RMS 32.1
signal [adc counts]

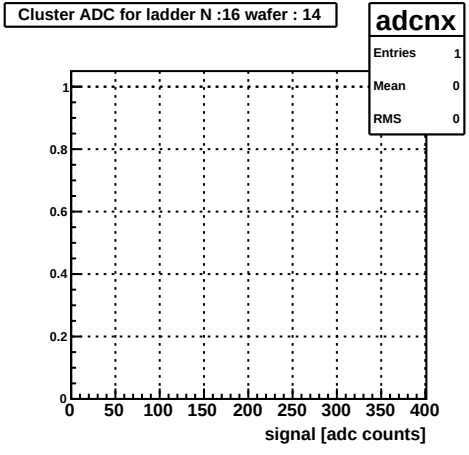

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

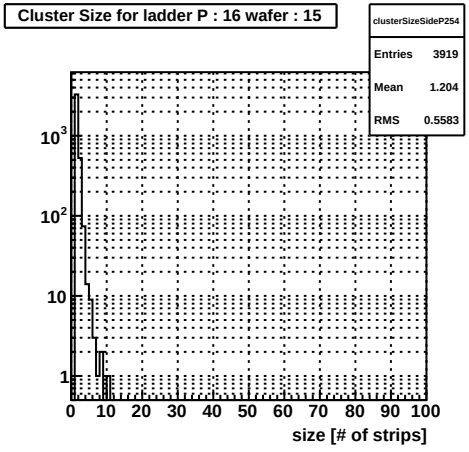

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 2681
Mean 1.255
RMS 0.5874
size [# of strips]

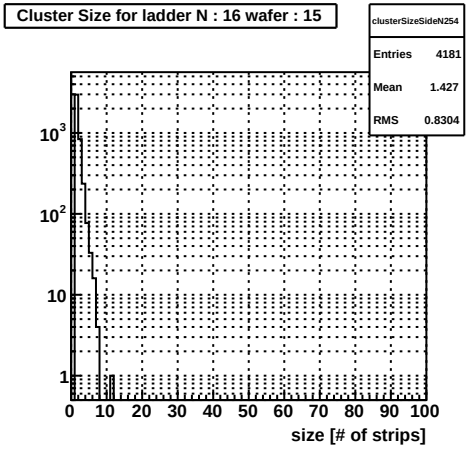

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

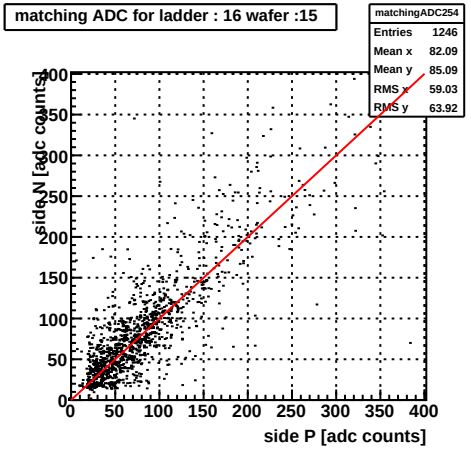

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

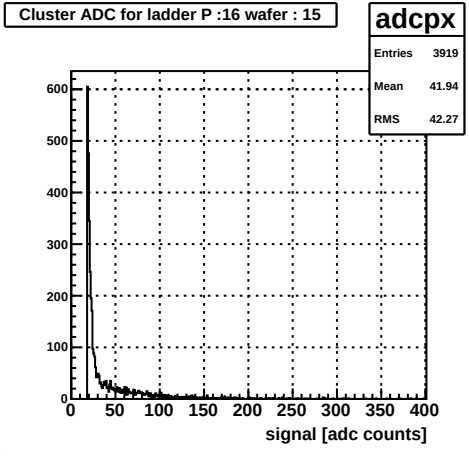

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 2681
Mean 48.66
RMS 48.48
signal [adc counts]

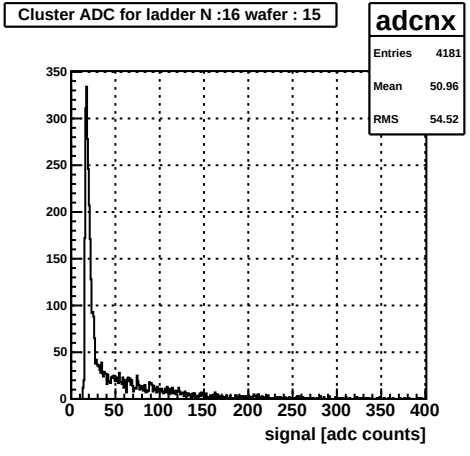

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

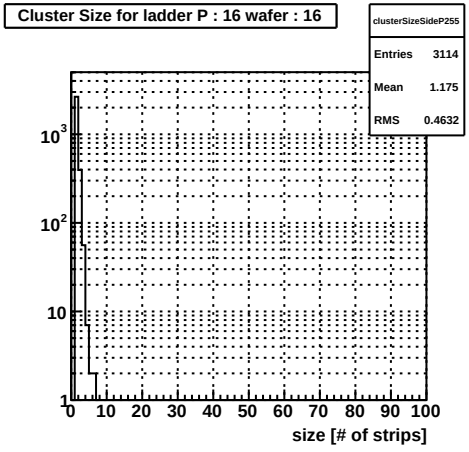

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3919
Mean 1.204
RMS 0.5583
size [# of strips]

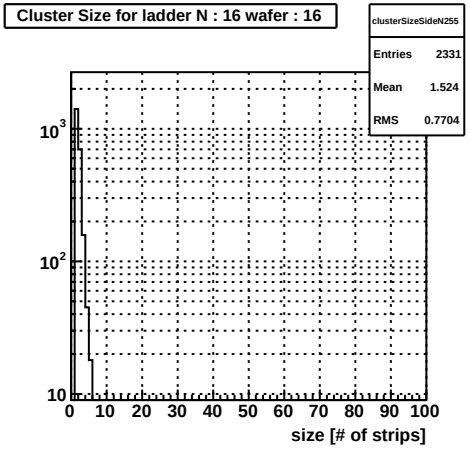

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 4181
Mean 1.427
RMS 0.8304
size [# of strips]

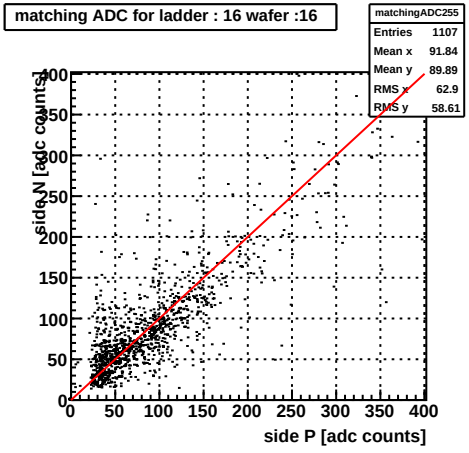

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1246
Mean x 82.09
Mean y 85.09
RMS x 59.03
RMS y 63.92
side N [adc counts]
side P [adc counts]

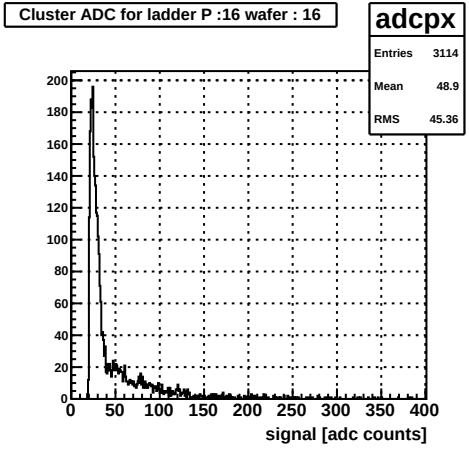

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3919
Mean 41.94
RMS 42.27
signal [adc counts]

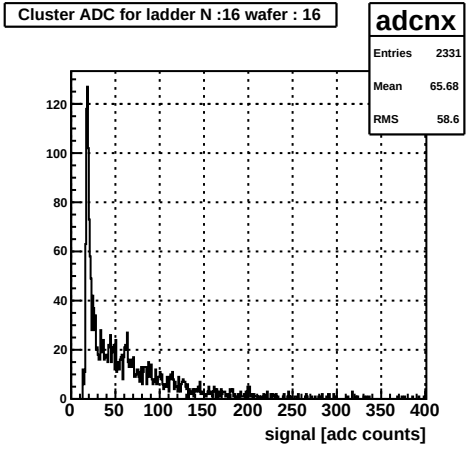

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 4181
Mean 50.96
RMS 54.52
signal [adc counts]

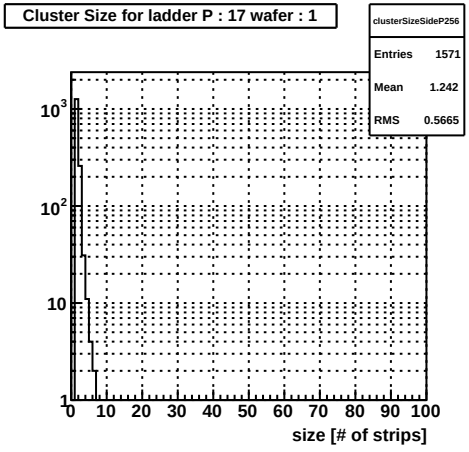

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 3114
Mean 1.175
RMS 0.4632
size [# of strips]

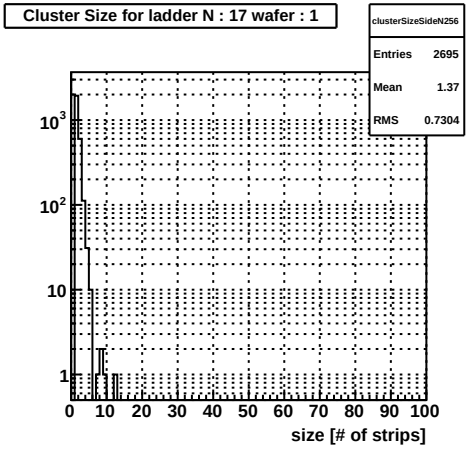

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2331
Mean 1.524
RMS 0.7704
size [# of strips]

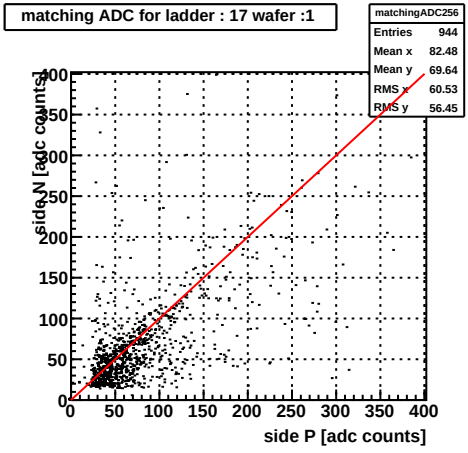

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1107
Mean x 91.84
Mean y 89.89
RMS x 62.9
RMS y 58.61
side N [adc counts]
side P [adc counts]

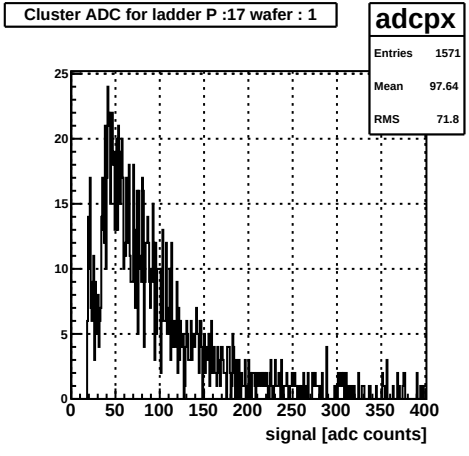

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 3114
Mean 48.9
RMS 45.36
signal [adc counts]

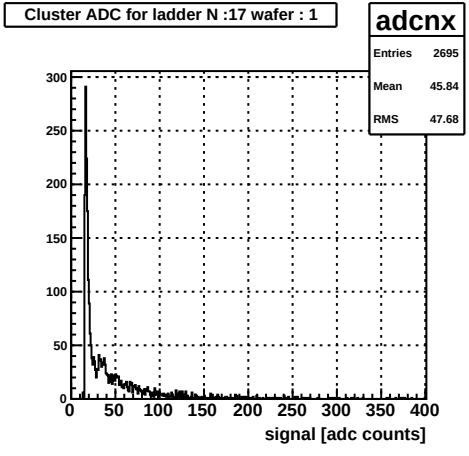

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2331
Mean 65.68
RMS 58.6
signal [adc counts]

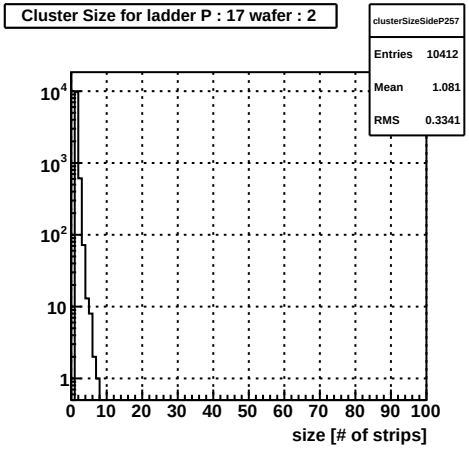

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1571
Mean 1.242
RMS 0.5665
size [# of strips]

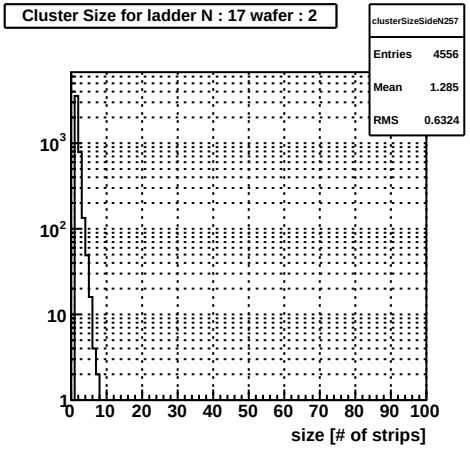

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2695
Mean 1.37
RMS 0.7304
size [# of strips]

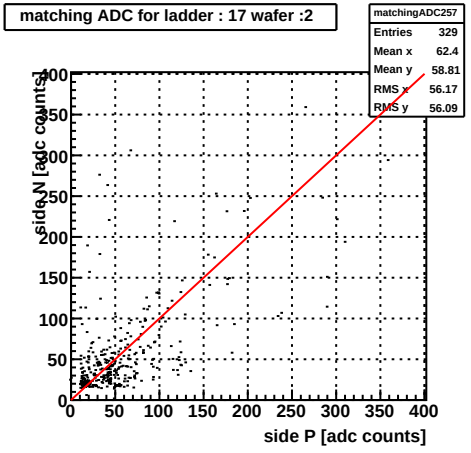

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 944
Mean x 82.48
Mean y 69.64
RMS x 60.53
RMS y 56.45
side N [adc counts]
side P [adc counts]

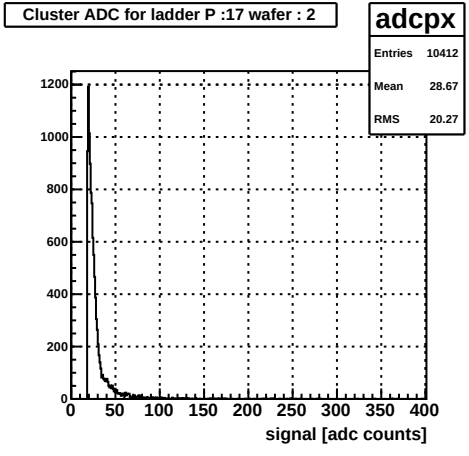

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1571
Mean 97.64
RMS 71.8
signal [adc counts]

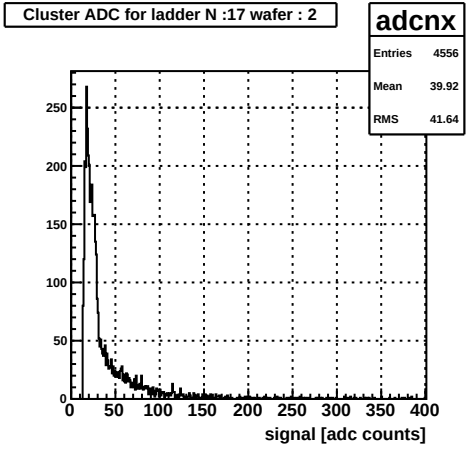

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2695
Mean 45.84
RMS 47.68
signal [adc counts]

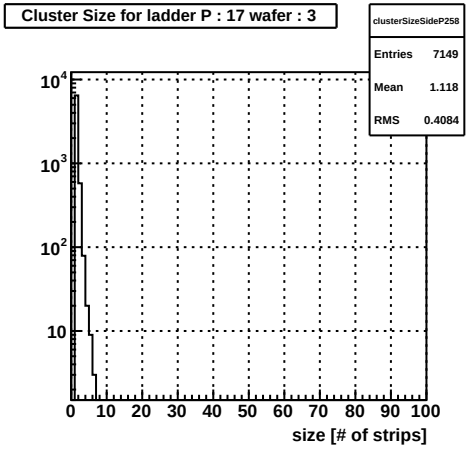

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 10412
Mean 1.081
RMS 0.3341
size [# of strips]

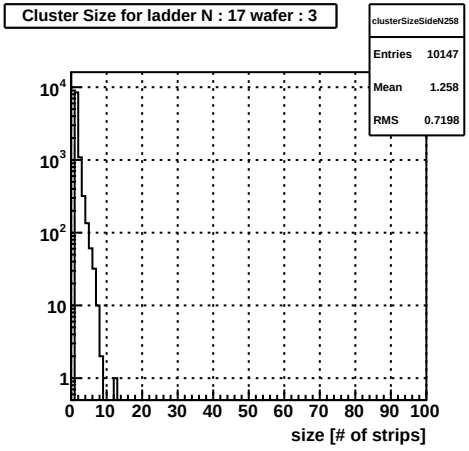

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4556
Mean 1.285
RMS 0.6324
size [# of strips]

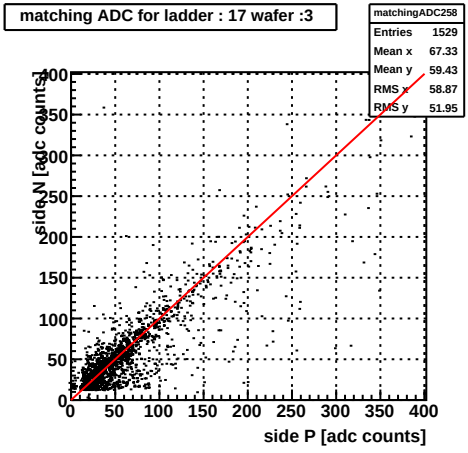

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 329
Mean x 62.4
Mean y 58.81
RMS x 56.17
RMS y 56.09
side N [adc counts]
side P [adc counts]

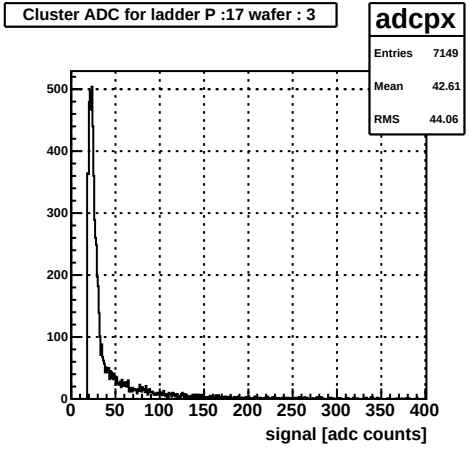

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 10412
Mean 28.67
RMS 20.27
signal [adc counts]

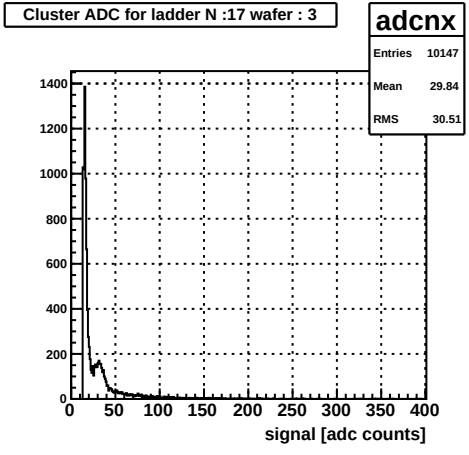

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4556
Mean 39.92
RMS 41.64
signal [adc counts]

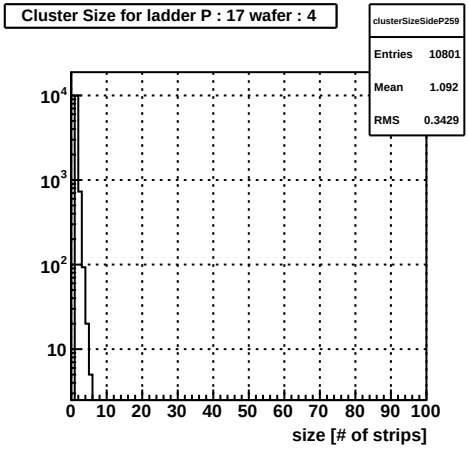

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 7149
Mean 1.118
RMS 0.4084
size [# of strips]

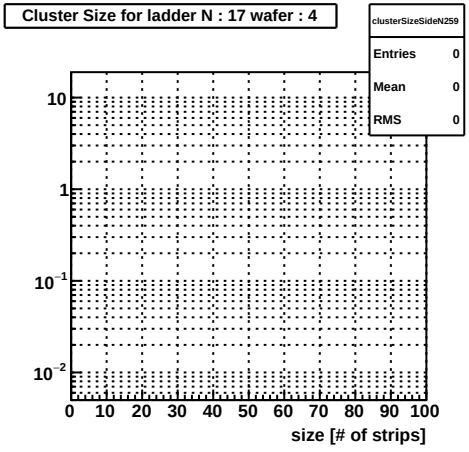

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 10147
Mean 1.258
RMS 0.7198
size [# of strips]

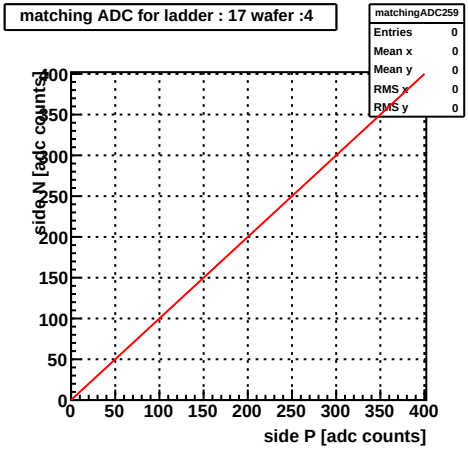

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1529
Mean x 67.33
Mean y 59.43
RMS x 58.87
RMS y 51.95
side N [adc counts]
side P [adc counts]

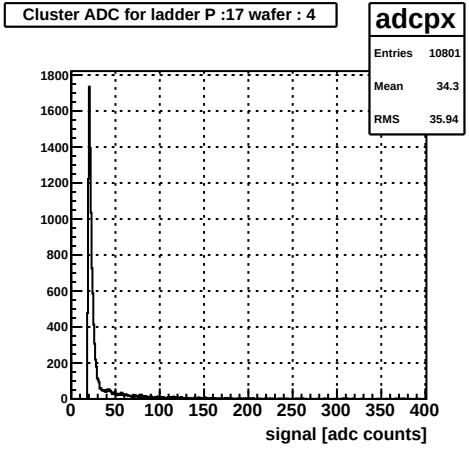

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 7149
Mean 42.61
RMS 44.06
signal [adc counts]

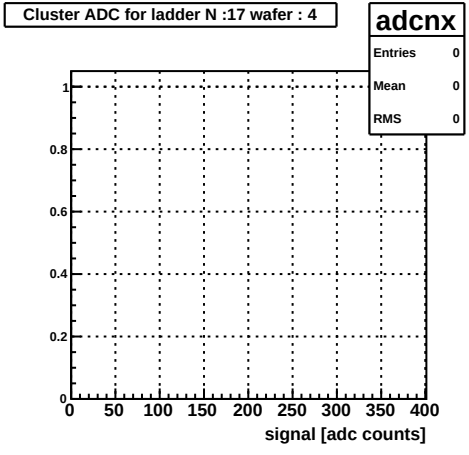

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 10147
Mean 29.84
RMS 30.51
signal [adc counts]

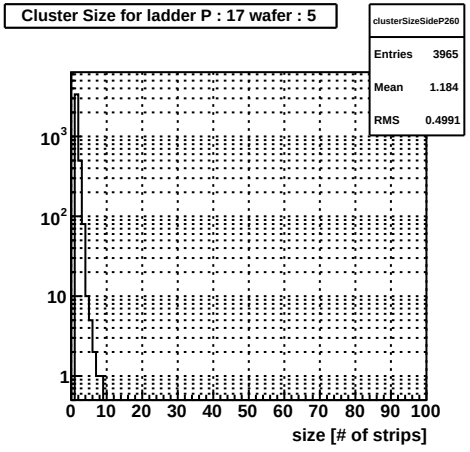

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 10801
Mean 1.092
RMS 0.3429
size [# of strips]

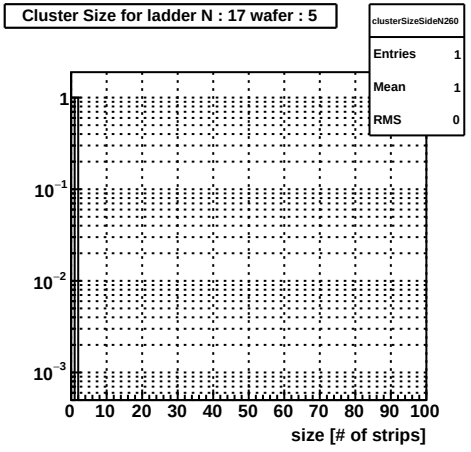

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

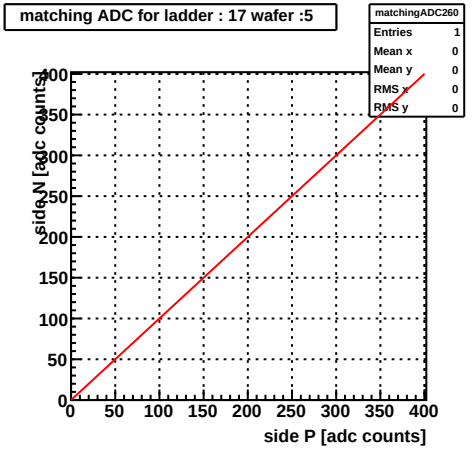

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

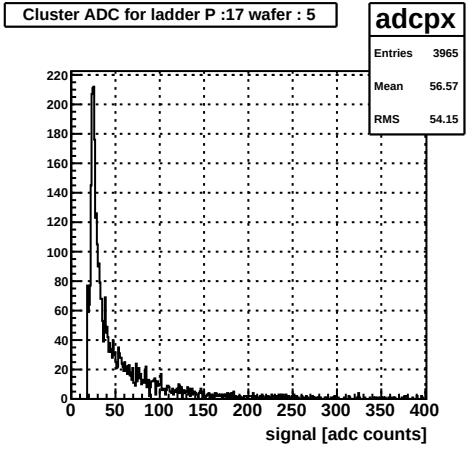

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 10801
Mean 34.3
RMS 35.94
signal [adc counts]

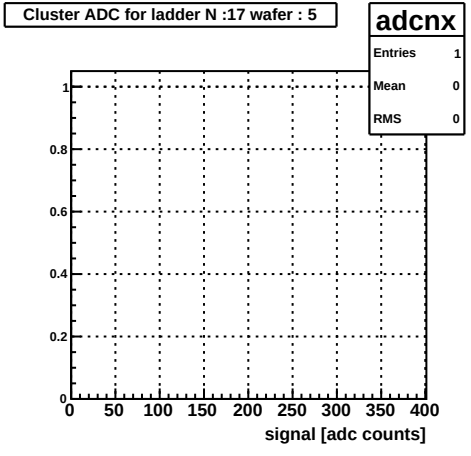

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

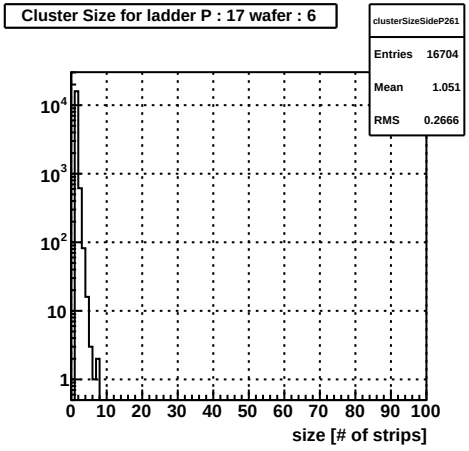

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3965
Mean 1.184
RMS 0.4991
size [# of strips]

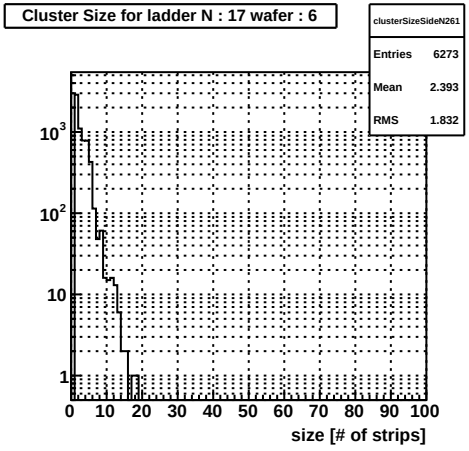

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 1
Mean 1
RMS 0
size [# of strips]

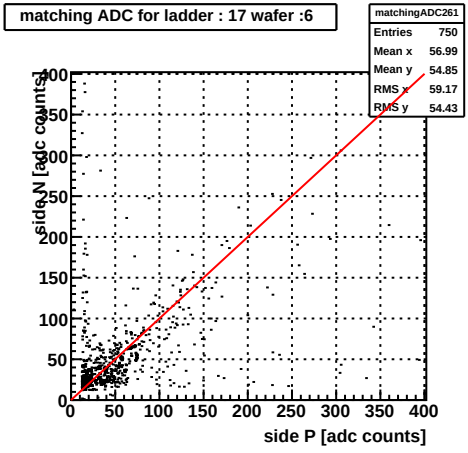

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

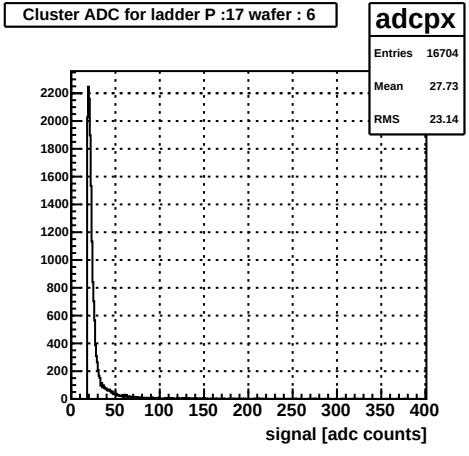

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3965
Mean 56.57
RMS 54.15
signal [adc counts]

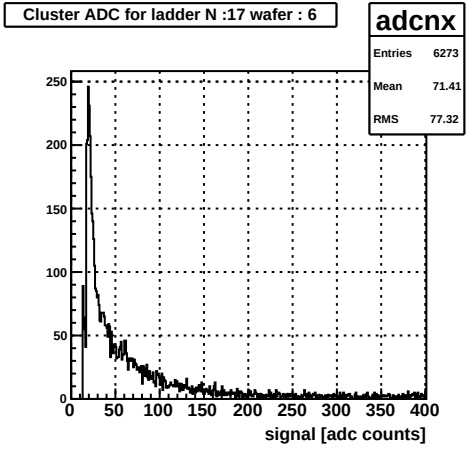

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

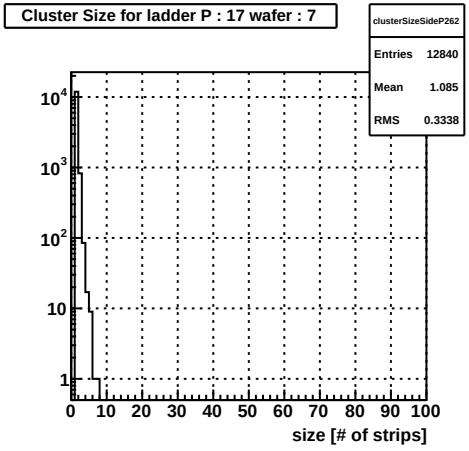

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 16704
Mean 1.051
RMS 0.2666
size [# of strips]

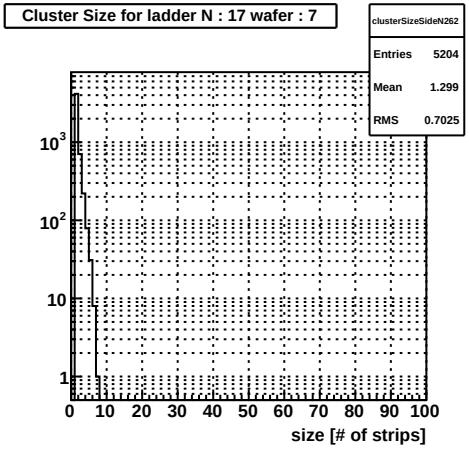

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 6273
Mean 2.393
RMS 1.832
size [# of strips]

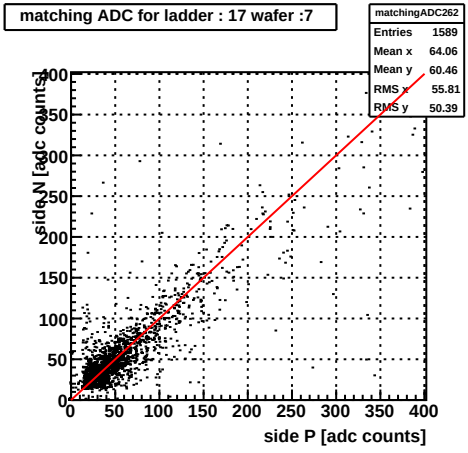

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 750
Mean x 56.99
Mean y 54.85
RMS x 59.17
RMS y 54.43
side N [adc counts]
side P [adc counts]

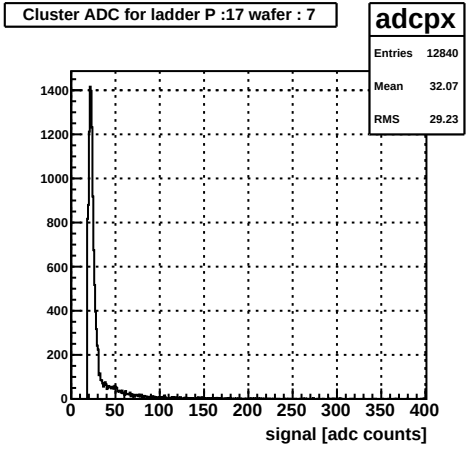

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 16704
Mean 27.73
RMS 23.14
signal [adc counts]

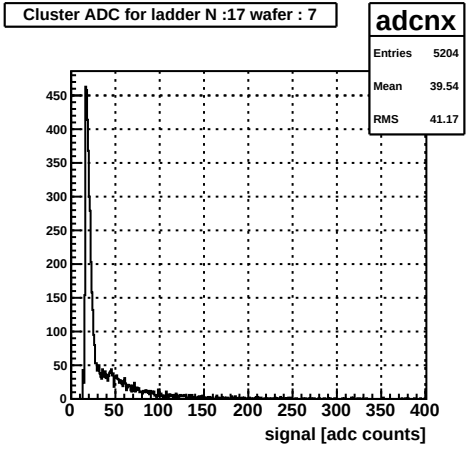

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 6273
Mean 71.41
RMS 77.32
signal [adc counts]

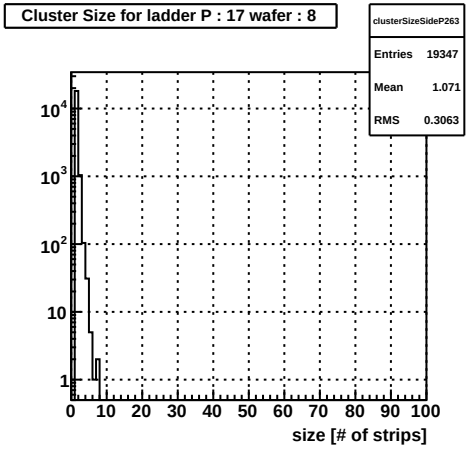

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 12840
Mean 1.085
RMS 0.3338
size [# of strips]

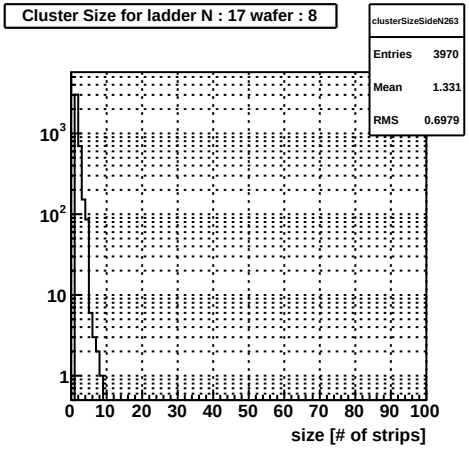

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 5204
Mean 1.299
RMS 0.7025
size [# of strips]

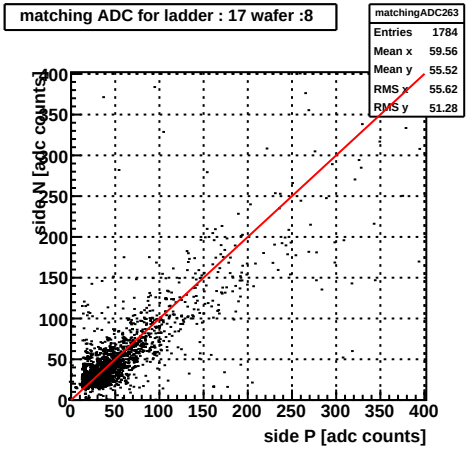

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1589
Mean x 64.06
Mean y 60.46
RMS x 55.81
RMS y 50.39
side N [adc counts]
side P [adc counts]

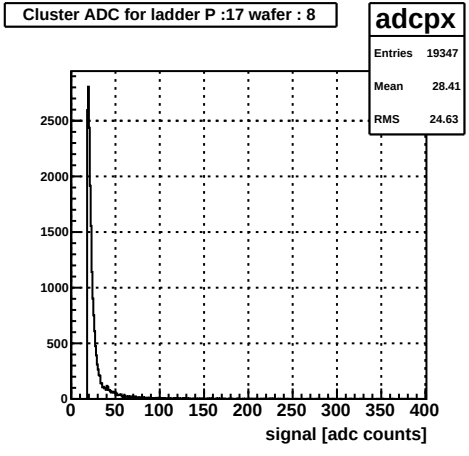

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 12840
Mean 32.07
RMS 29.23
signal [adc counts]

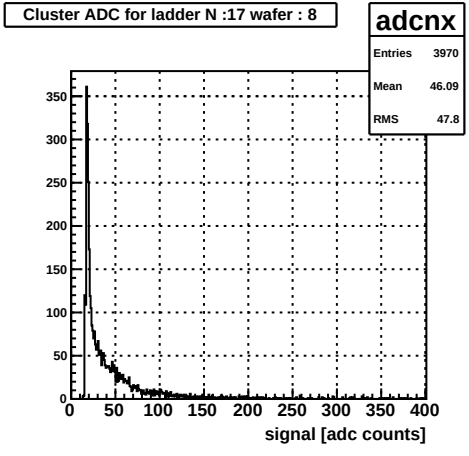

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 5204
Mean 39.54
RMS 41.17
signal [adc counts]

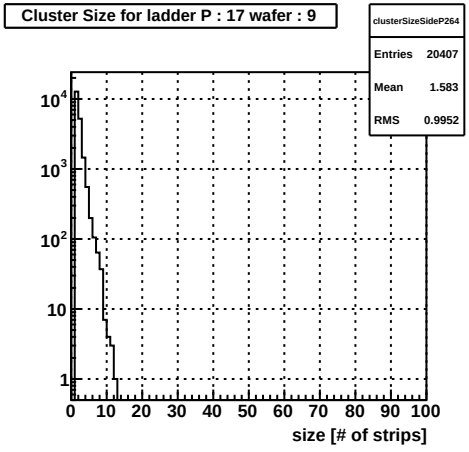

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 19347
Mean 1.071
RMS 0.3063
size [# of strips]

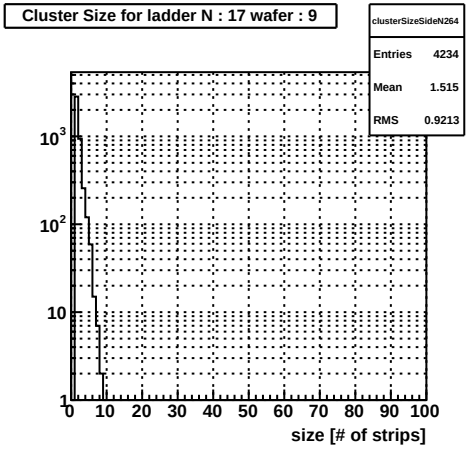

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 3970
Mean 1.331
RMS 0.6979
size [# of strips]

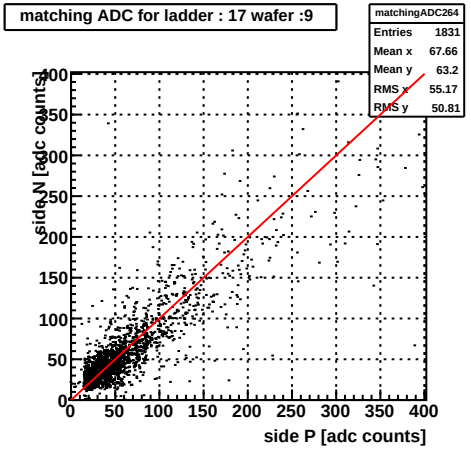

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1784
Mean x 59.56
Mean y 55.52
RMS x 55.62
RMS y 51.28
side N [adc counts]
side P [adc counts]

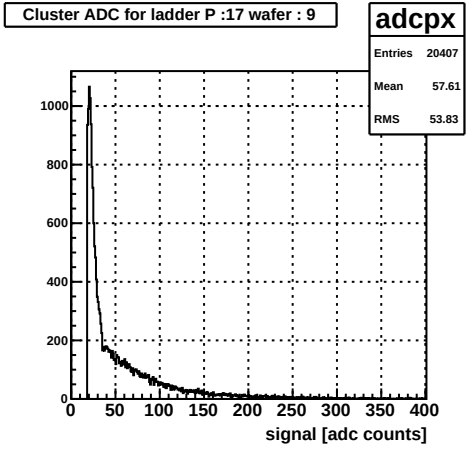

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 19347
Mean 28.41
RMS 24.63
signal [adc counts]

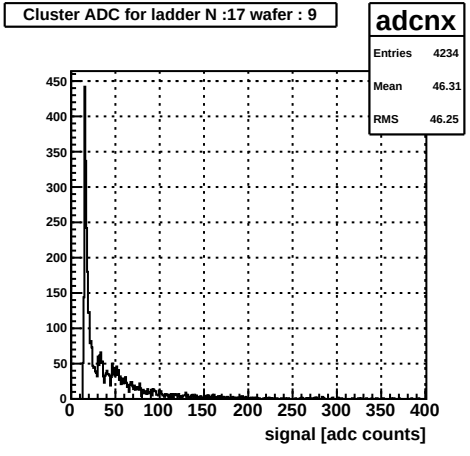

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 3970
Mean 46.09
RMS 47.8
signal [adc counts]

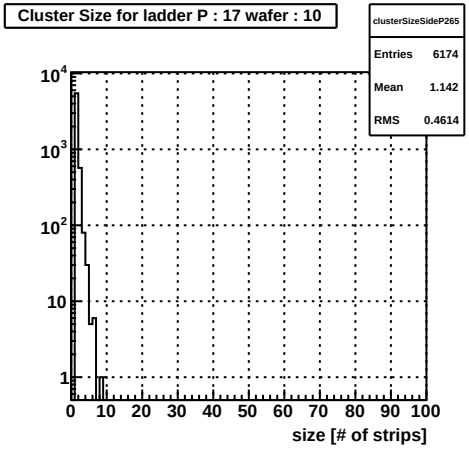

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 20407
Mean 1.583
RMS 0.9952
size [# of strips]

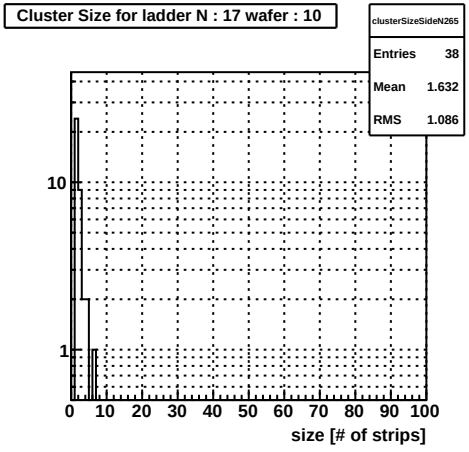

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 4234
Mean 1.515
RMS 0.9213
size [# of strips]

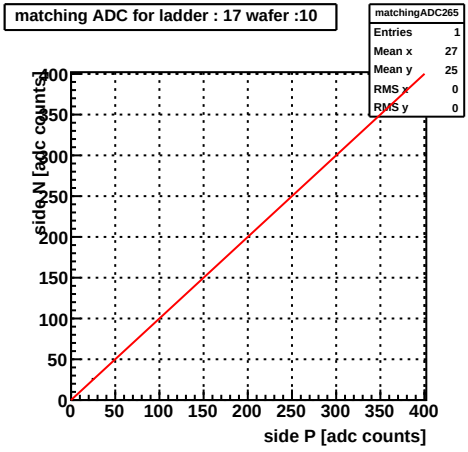

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 1831
Mean x 67.66
Mean y 63.2
RMS x 55.17
RMS y 50.81
side N [adc counts]
side P [adc counts]

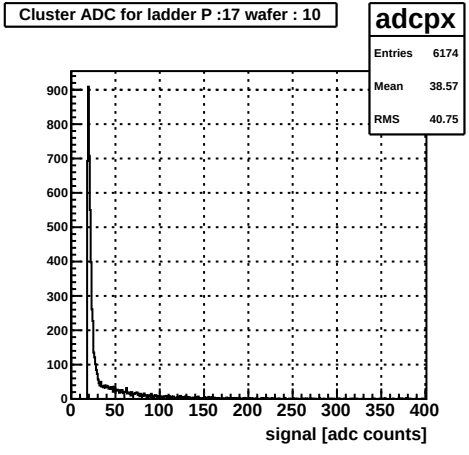

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 20407
Mean 57.61
RMS 53.83
signal [adc counts]

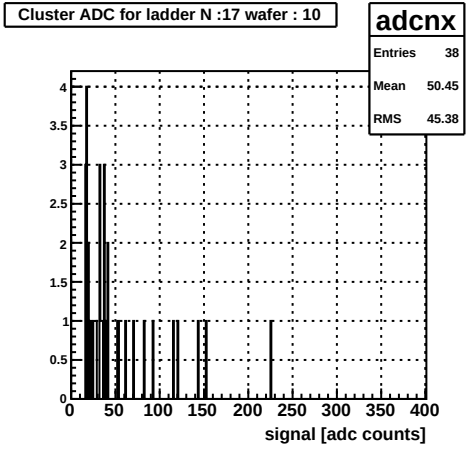

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 4234
Mean 46.31
RMS 46.25
signal [adc counts]

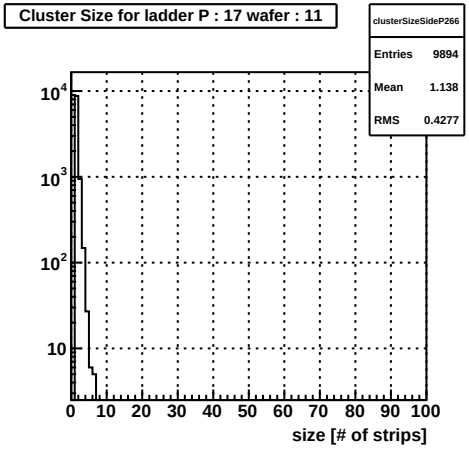

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 6174
Mean 1.142
RMS 0.4614
size [# of strips]

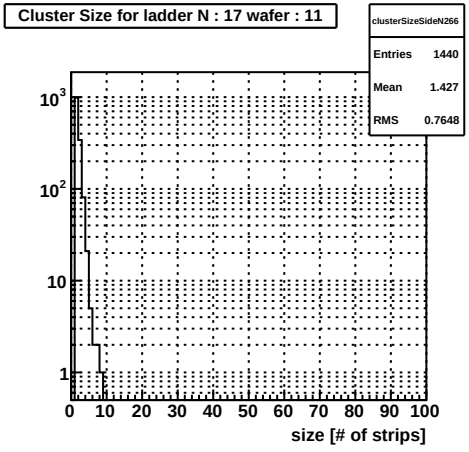

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 38
Mean 1.632
RMS 1.086
size [# of strips]

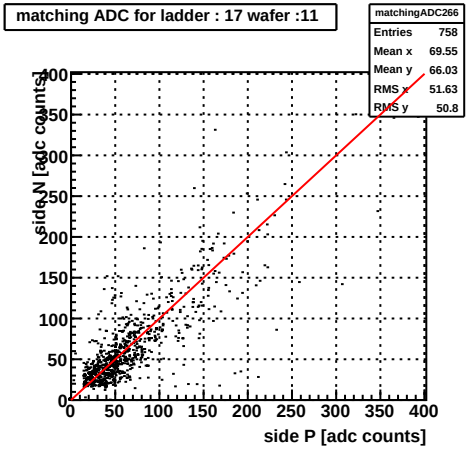

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 1
Mean x 27
Mean y 25
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

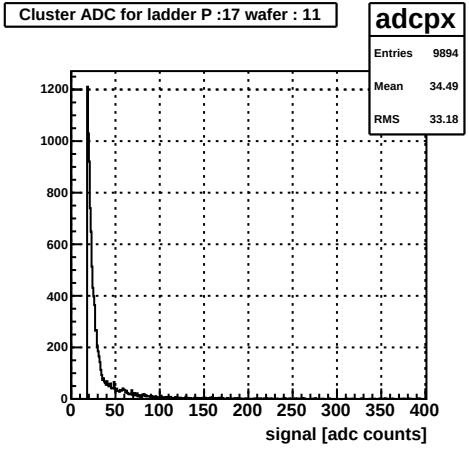

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 6174
Mean 38.57
RMS 40.75
signal [adc counts]

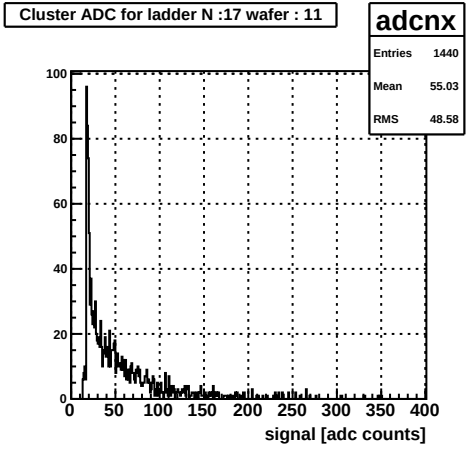

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 38
Mean 50.45
RMS 45.38
signal [adc counts]

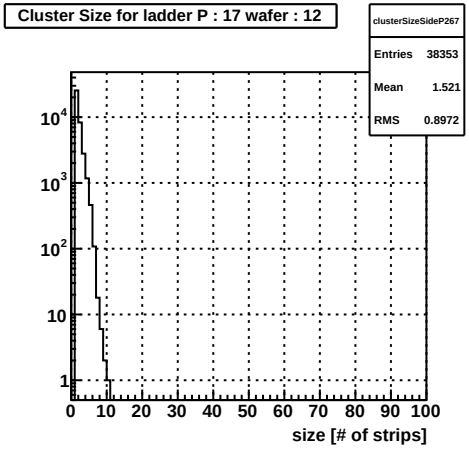

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 9894
Mean 1.138
RMS 0.4277
size [# of strips]

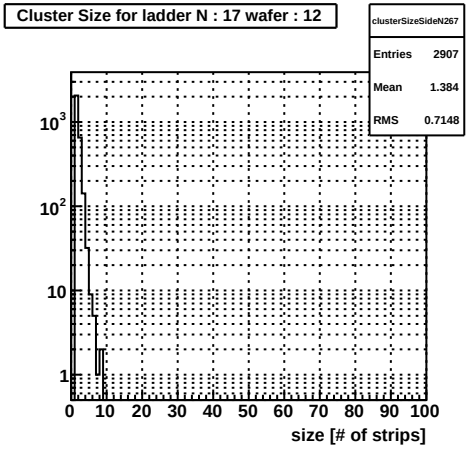

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1440
Mean 1.427
RMS 0.7648
size [# of strips]

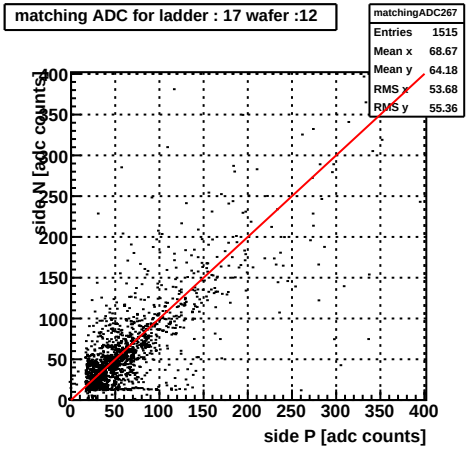

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 758
Mean x 69.55
Mean y 66.03
RMS x 51.63
RMS y 50.8
side N [adc counts]
side P [adc counts]

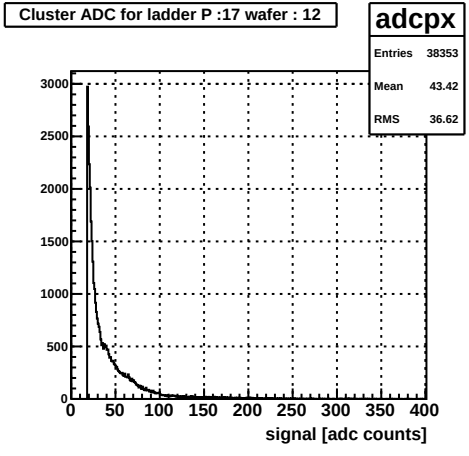

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 9894
Mean 34.49
RMS 33.18
signal [adc counts]

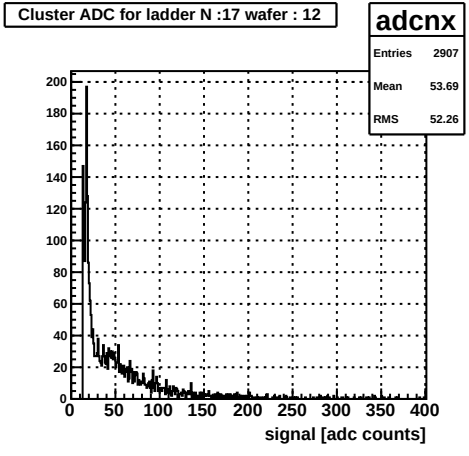

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1440
Mean 55.03
RMS 48.58
signal [adc counts]

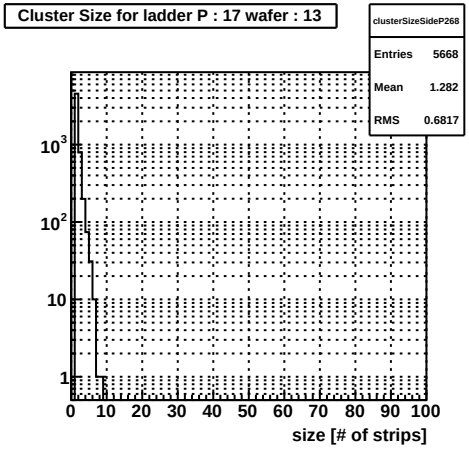

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 38353
Mean 1.521
RMS 0.8972
size [# of strips]

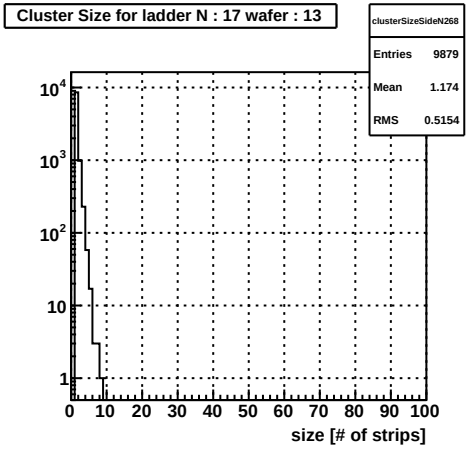

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2907
Mean 1.384
RMS 0.7148
size [# of strips]

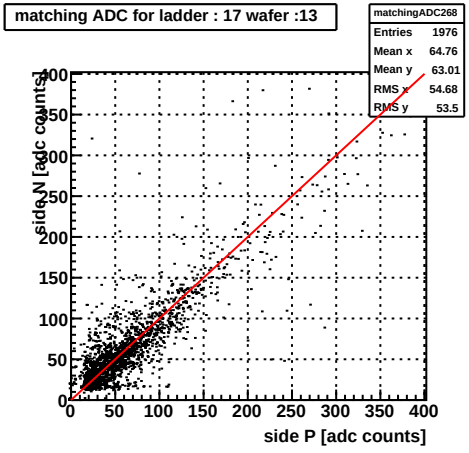

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1515
Mean x 68.67
Mean y 64.18
RMS x 53.68
RMS y 55.36
side N [adc counts]
side P [adc counts]

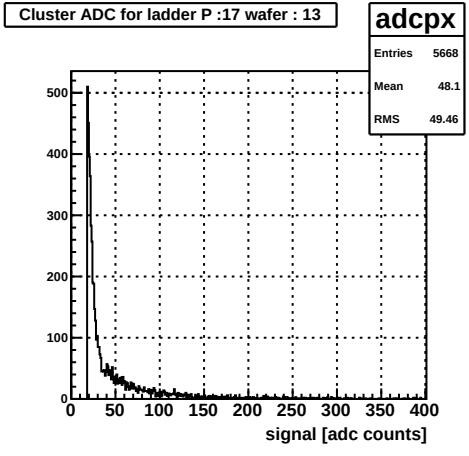

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 38353
Mean 43.42
RMS 36.62
signal [adc counts]

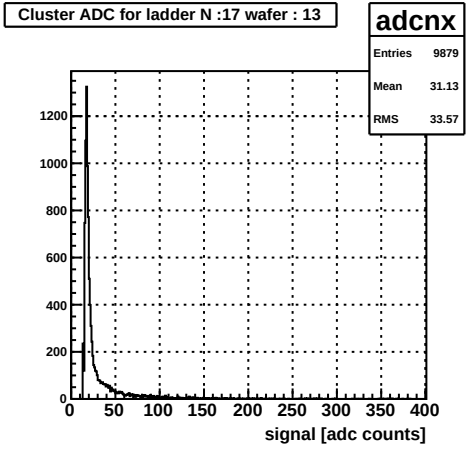

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2907
Mean 53.69
RMS 52.26
signal [adc counts]

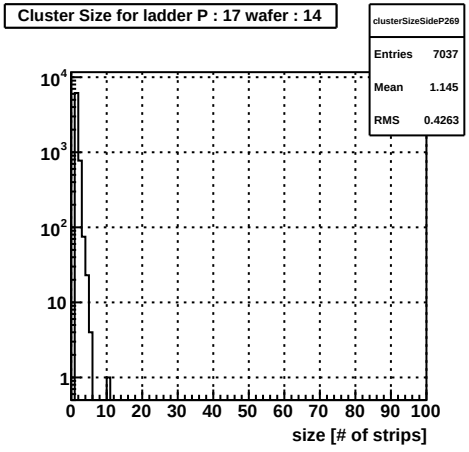

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 5668
Mean 1.282
RMS 0.6817
size [# of strips]

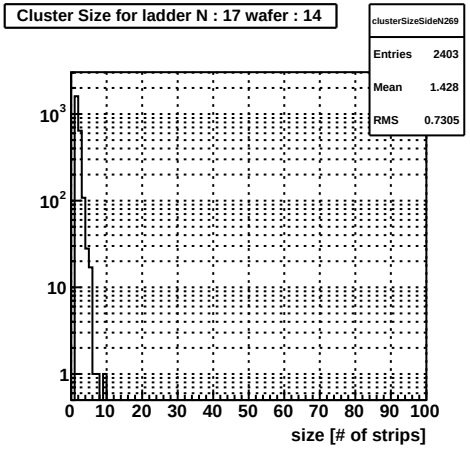

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 9879
Mean 1.174
RMS 0.5154
size [# of strips]

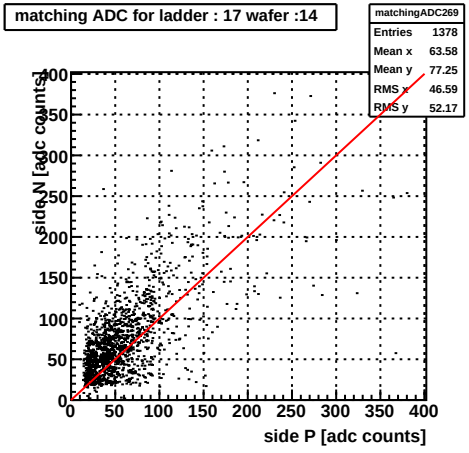

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1976
Mean x 64.76
Mean y 63.01
RMS x 54.68
RMS y 53.5
side N [adc counts]
side P [adc counts]

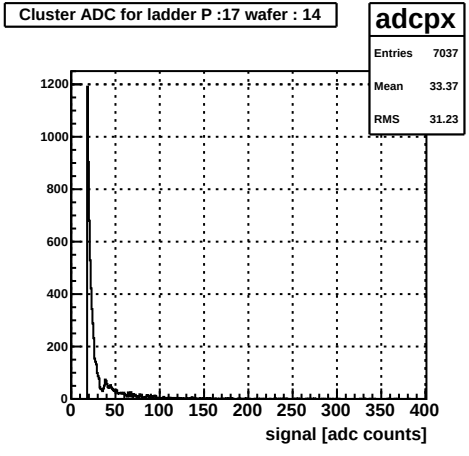

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 5668
Mean 48.1
RMS 49.46
signal [adc counts]

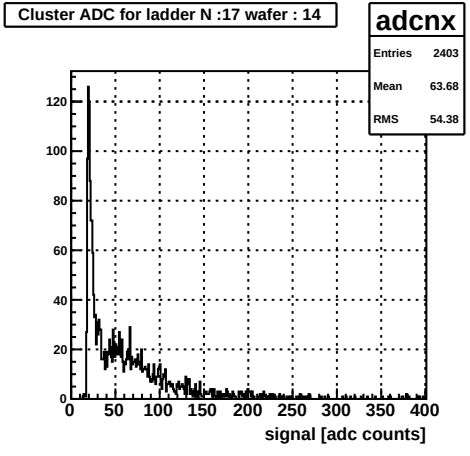

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 9879
Mean 31.13
RMS 33.57
signal [adc counts]

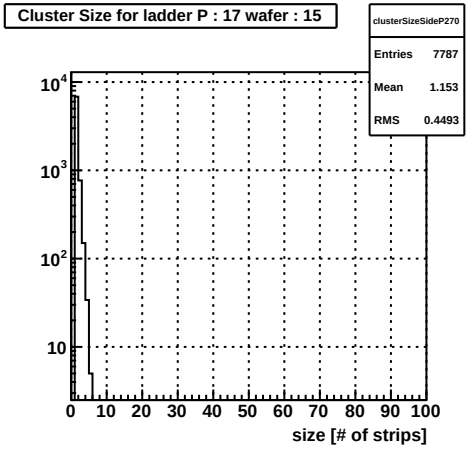

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 7037
Mean 1.145
RMS 0.4263
size [# of strips]

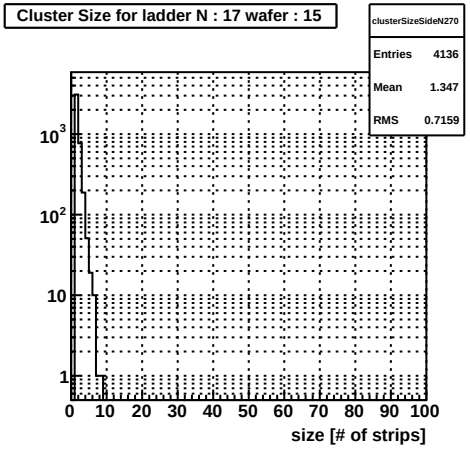

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2403
Mean 1.428
RMS 0.7305
size [# of strips]

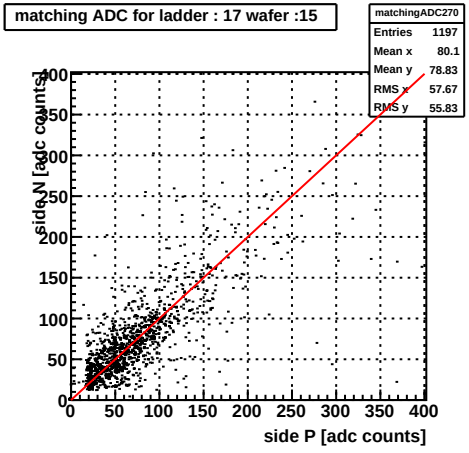

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1378
Mean x 63.58
Mean y 77.25
RMS x 46.59
RMS y 52.17
side N [adc counts]
side P [adc counts]

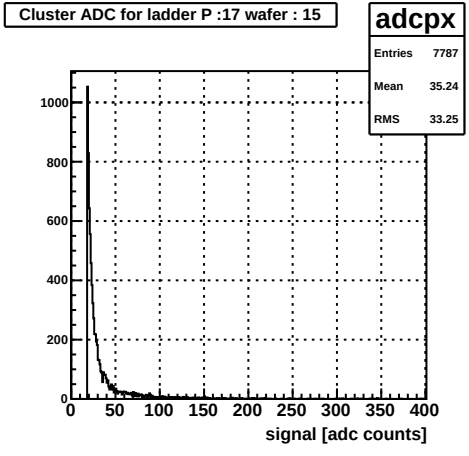

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 7037
Mean 33.37
RMS 31.23
signal [adc counts]

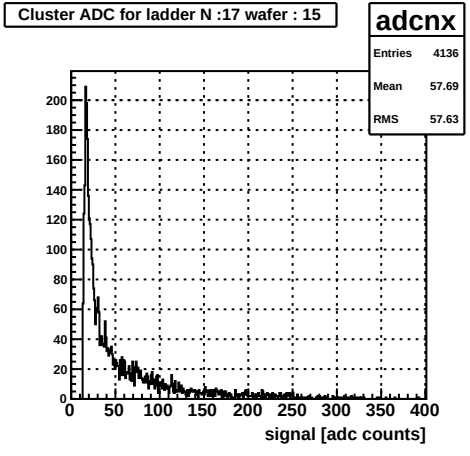

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2403
Mean 63.68
RMS 54.38
signal [adc counts]

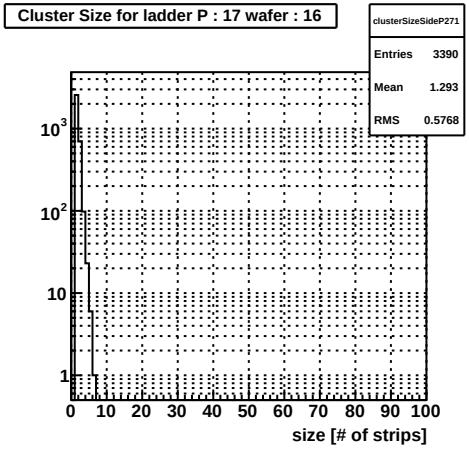

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 7787
Mean 1.153
RMS 0.4493
size [# of strips]

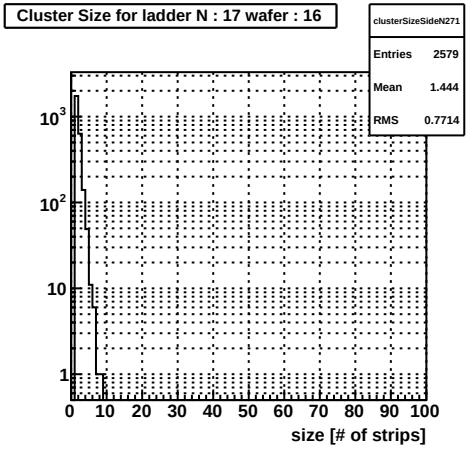

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 4136
Mean 1.347
RMS 0.7159
size [# of strips]

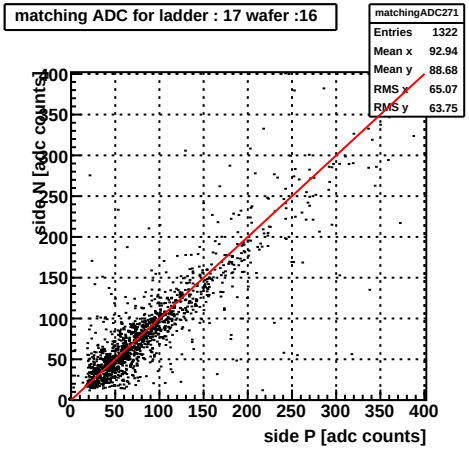

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1197
Mean x 80.1
Mean y 78.83
RMS x 57.67
RMS y 55.83
side N [adc counts]
side P [adc counts]

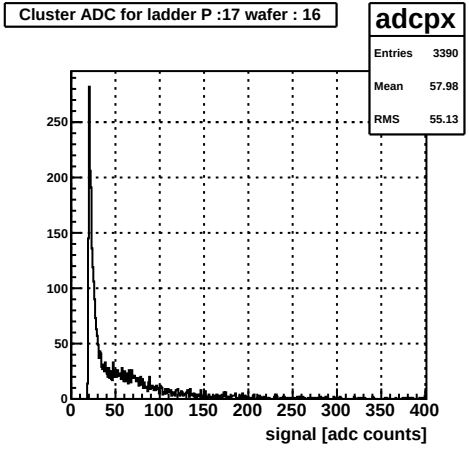

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 7787
Mean 35.24
RMS 33.25
signal [adc counts]

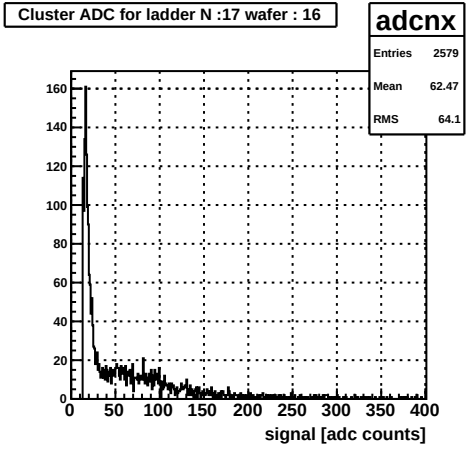

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 4136
Mean 57.69
RMS 57.63
signal [adc counts]

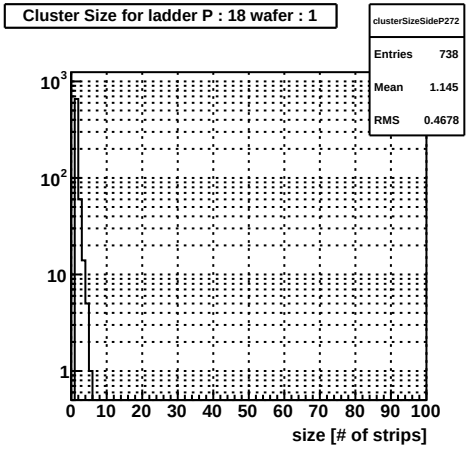

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3390
Mean 1.293
RMS 0.5768
size [# of strips]

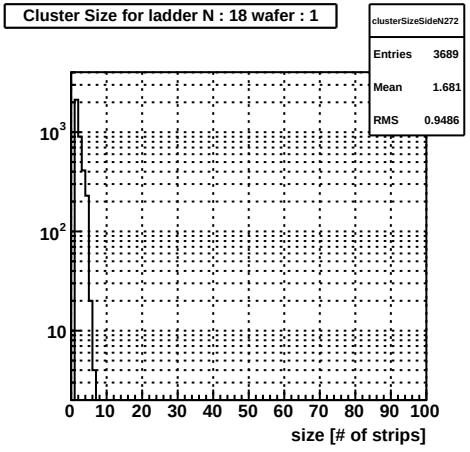

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2579
Mean 1.444
RMS 0.7714
size [# of strips]

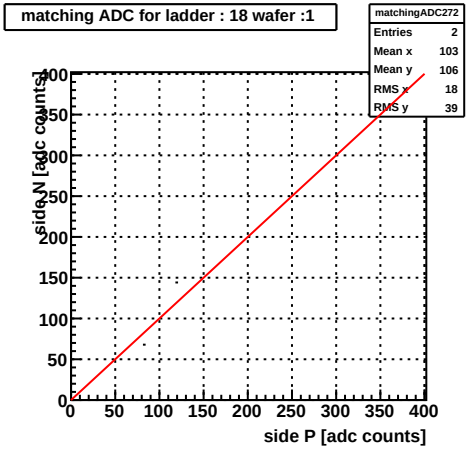

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1322
Mean x 92.94
Mean y 88.68
RMS x 65.07
RMS y 63.75
side N [adc counts]
side P [adc counts]

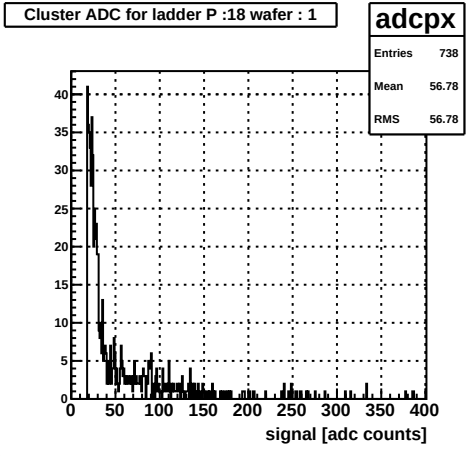

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3390
Mean 57.98
RMS 55.13
signal [adc counts]

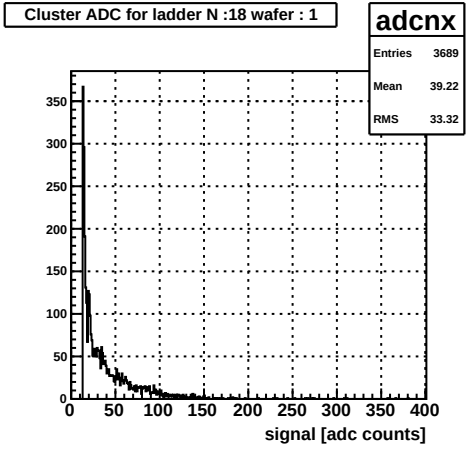

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2579
Mean 62.47
RMS 64.1
signal [adc counts]

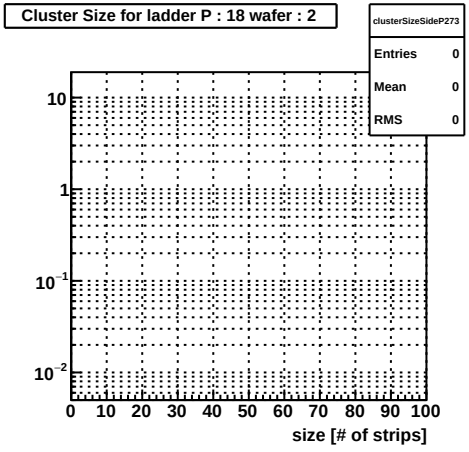

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 738
Mean 1.145
RMS 0.4678
size [# of strips]

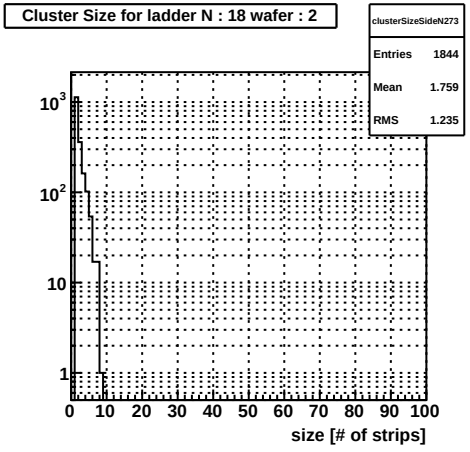

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3689
Mean 1.681
RMS 0.9486
size [# of strips]

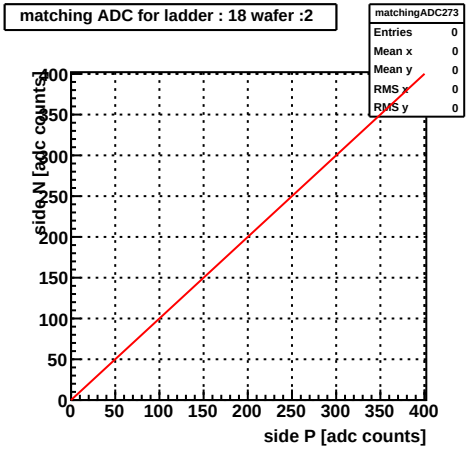

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 2
Mean x 103
Mean y 106
RMS x 18
RMS y 39
side N [adc counts]
side P [adc counts]

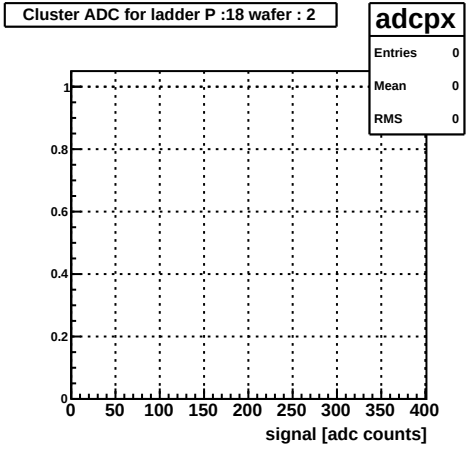

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 738
Mean 56.78
RMS 56.78
signal [adc counts]

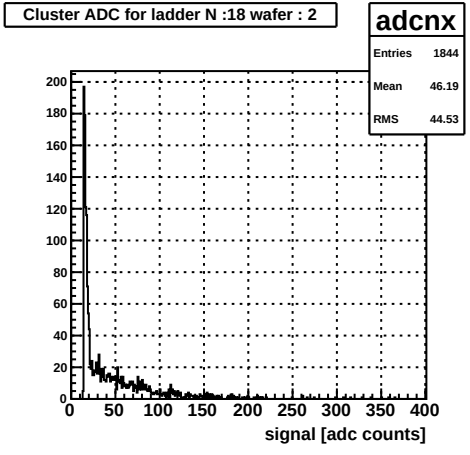

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3689
Mean 39.22
RMS 33.32
signal [adc counts]

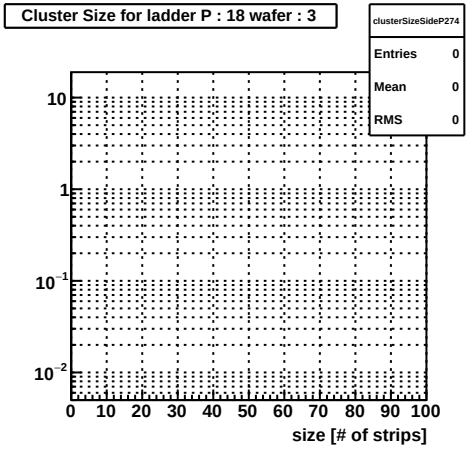

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

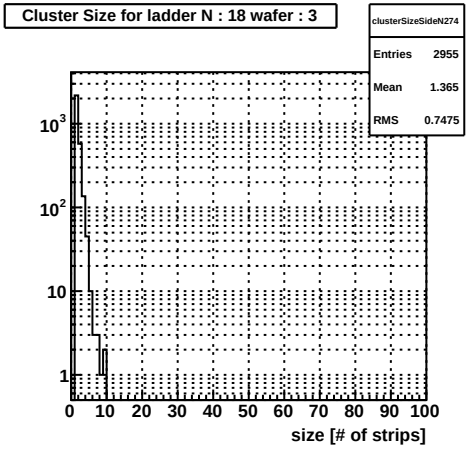

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1844
Mean 1.759
RMS 1.235
size [# of strips]

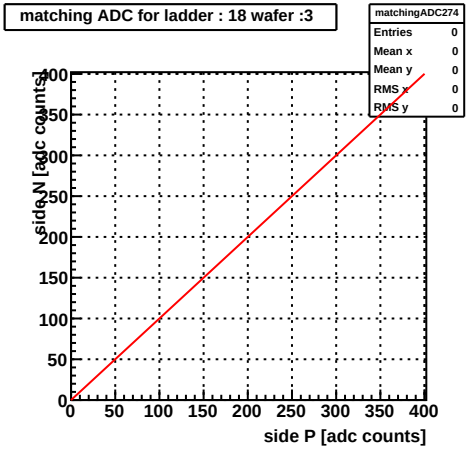

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

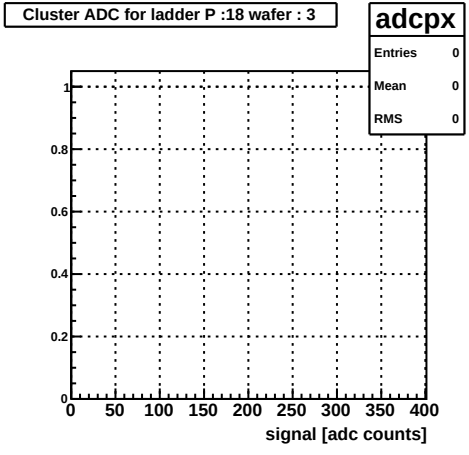

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

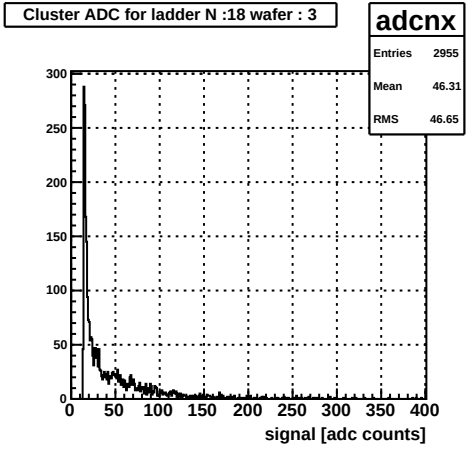

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1844
Mean 46.19
RMS 44.53
signal [adc counts]

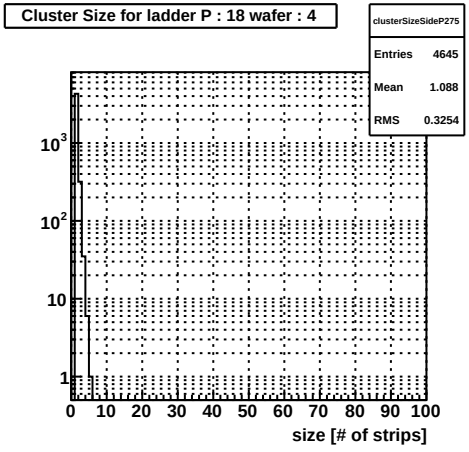

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

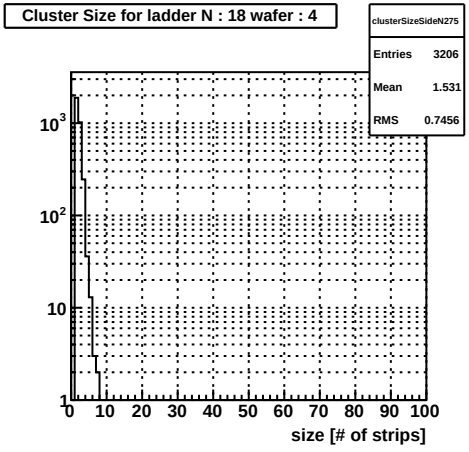

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2955
Mean 1.365
RMS 0.7475
size [# of strips]

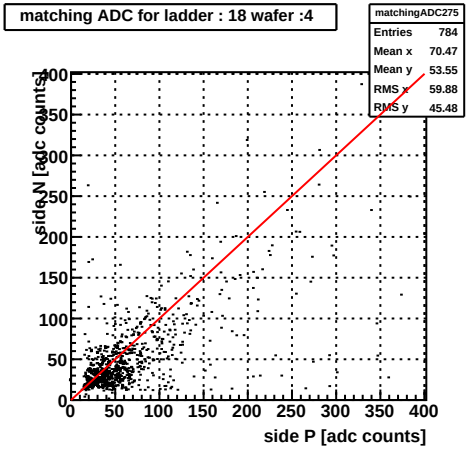

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

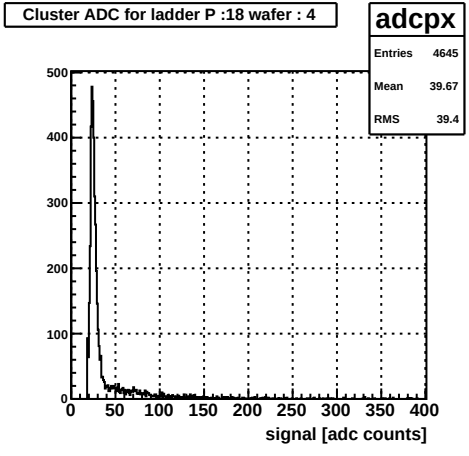

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

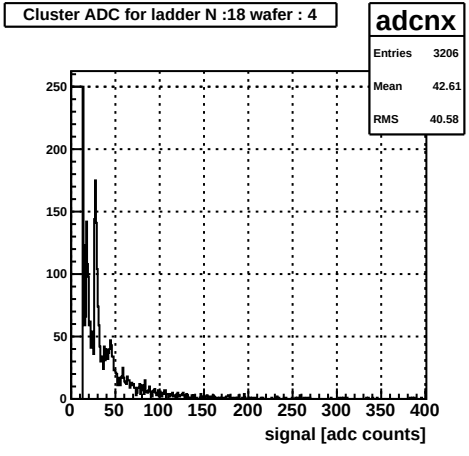

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2955
Mean 46.31
RMS 46.65
signal [adc counts]

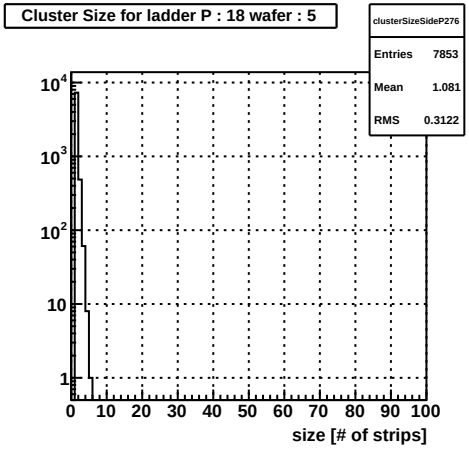

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4645
Mean 1.088
RMS 0.3254
size [# of strips]

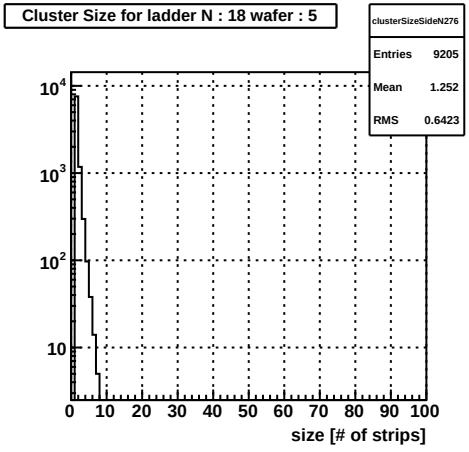

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 3206
Mean 1.531
RMS 0.7456
size [# of strips]

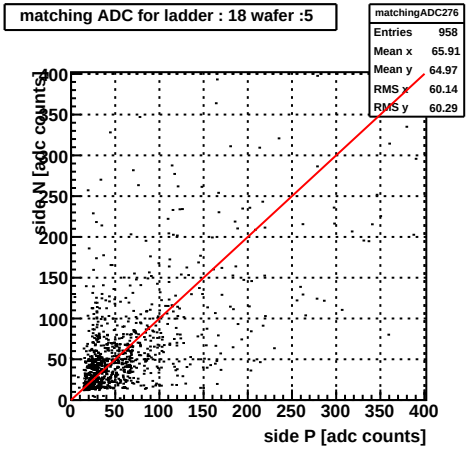

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 784
Mean x 70.47
Mean y 53.55
RMS x 59.88
RMS y 45.48
side N [adc counts]
side P [adc counts]

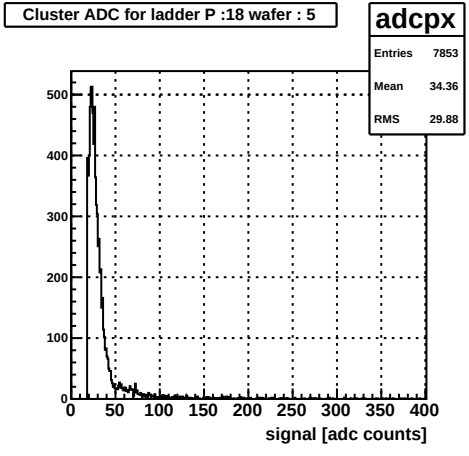

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4645
Mean 39.67
RMS 39.4
signal [adc counts]

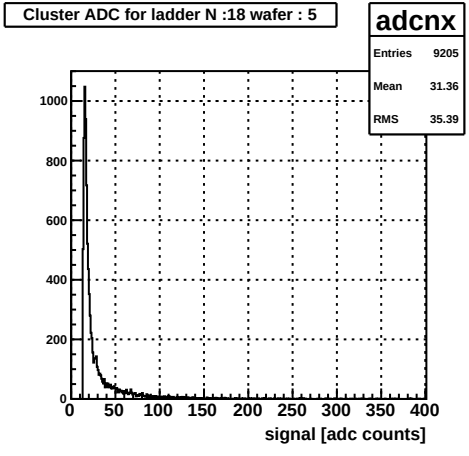

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 3206
Mean 42.61
RMS 40.58
signal [adc counts]

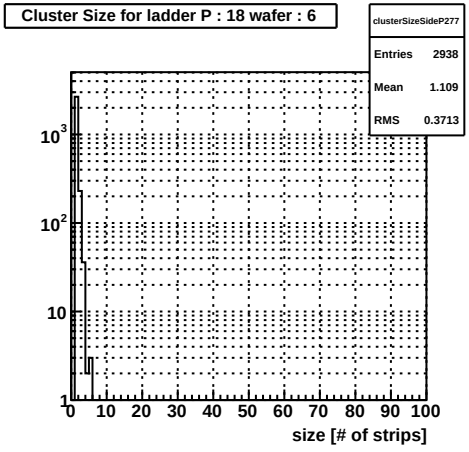

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 7853
Mean 1.081
RMS 0.3122
size [# of strips]

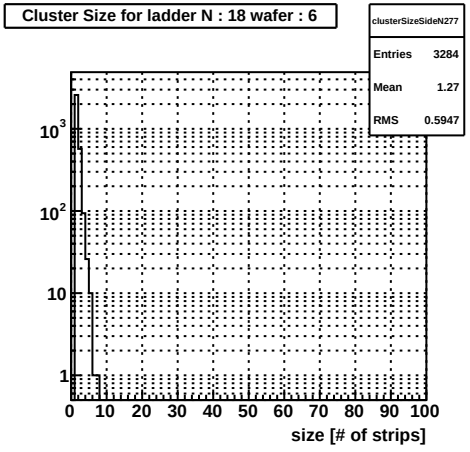

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 9205
Mean 1.252
RMS 0.6423
size [# of strips]

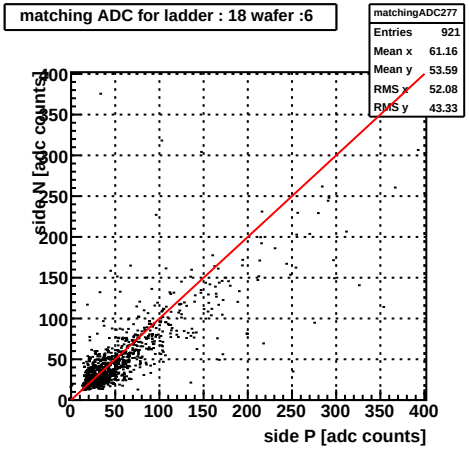

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 958
Mean x 65.91
Mean y 64.97
RMS x 60.14
RMS y 60.29
side N [adc counts]
side P [adc counts]

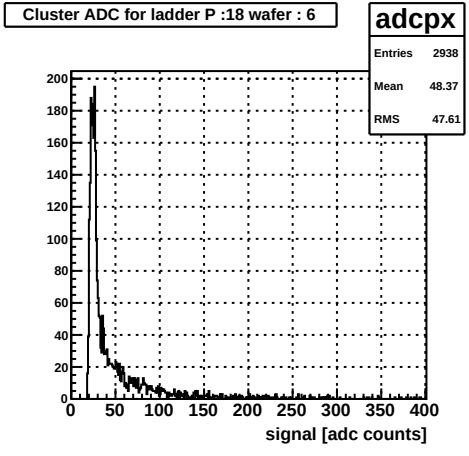

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 7853
Mean 34.36
RMS 29.88
signal [adc counts]

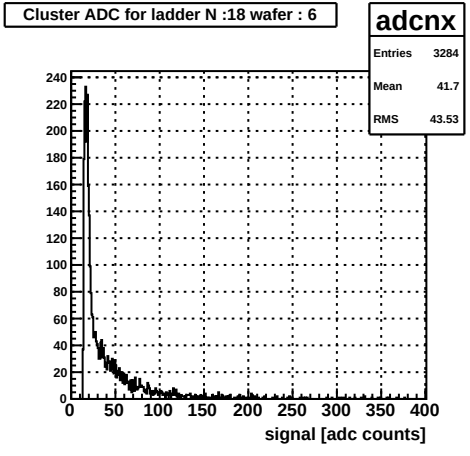

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 9205
Mean 31.36
RMS 35.39
signal [adc counts]

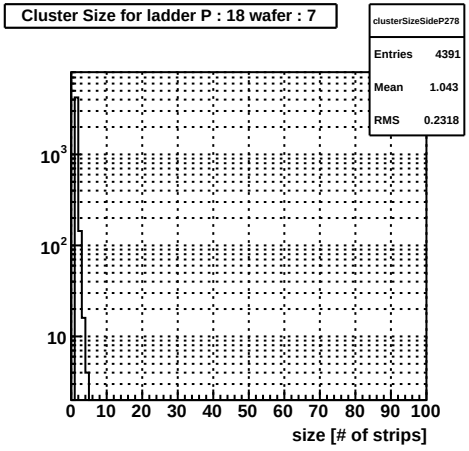

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 2938
Mean 1.109
RMS 0.3713
size [# of strips]

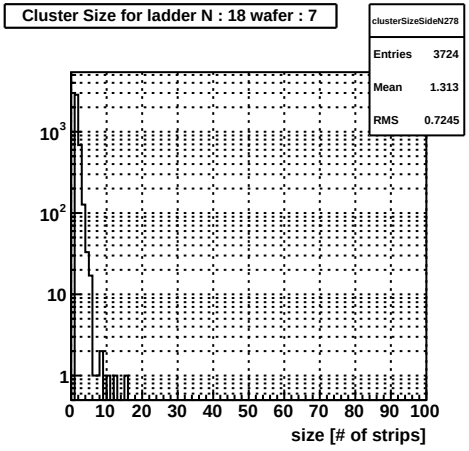

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3284
Mean 1.27
RMS 0.5947
size [# of strips]

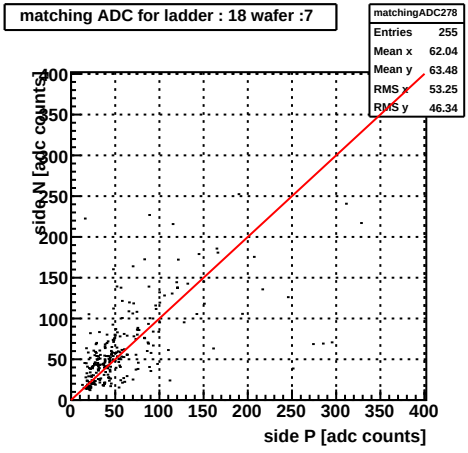

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 921
Mean x 61.16
Mean y 53.59
RMS x 52.08
RMS y 43.33
side N [adc counts]
side P [adc counts]

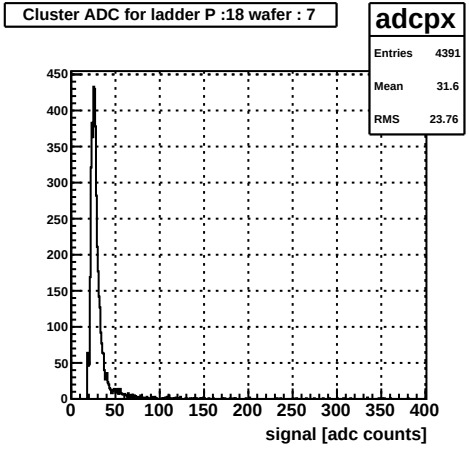

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 2938
Mean 48.37
RMS 47.61
signal [adc counts]

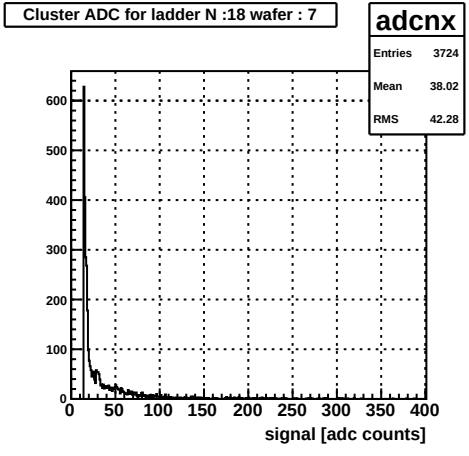

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3284
Mean 41.7
RMS 43.53
signal [adc counts]

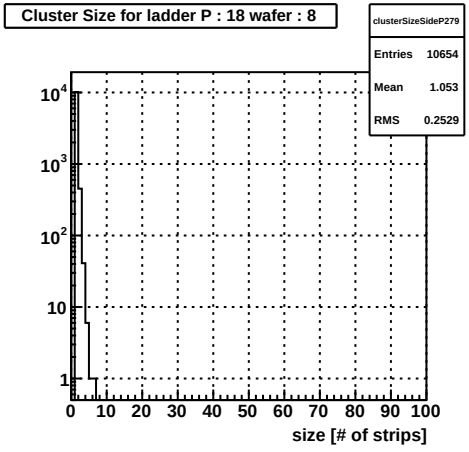

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 4391
Mean 1.043
RMS 0.2318
size [# of strips]

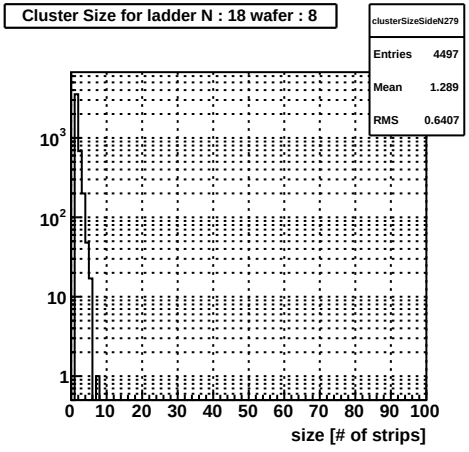

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3724
Mean 1.313
RMS 0.7245
size [# of strips]

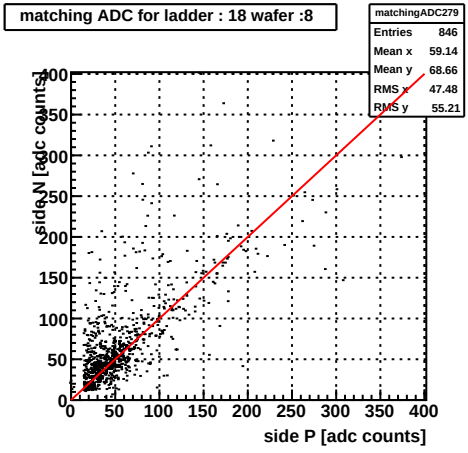

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 255
Mean x 62.04
Mean y 63.48
RMS x 53.25
RMS y 46.34
side N [adc counts]
side P [adc counts]

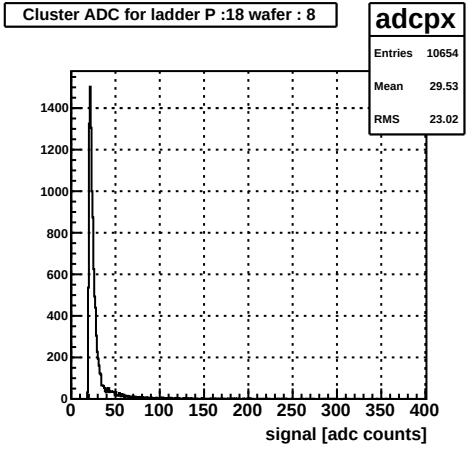

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 4391
Mean 31.6
RMS 23.76
signal [adc counts]

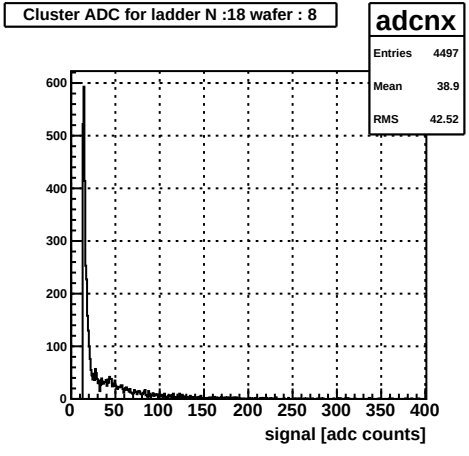

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3724
Mean 38.02
RMS 42.28
signal [adc counts]

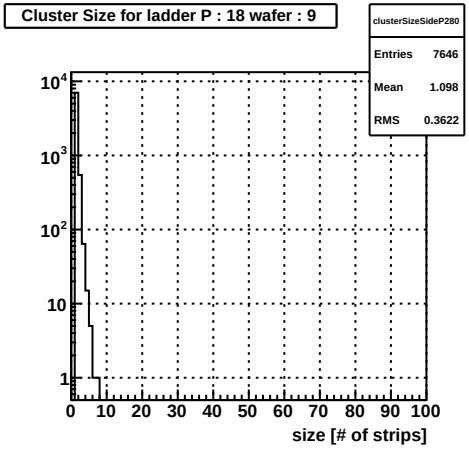

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 10654
Mean 1.053
RMS 0.2529
size [# of strips]

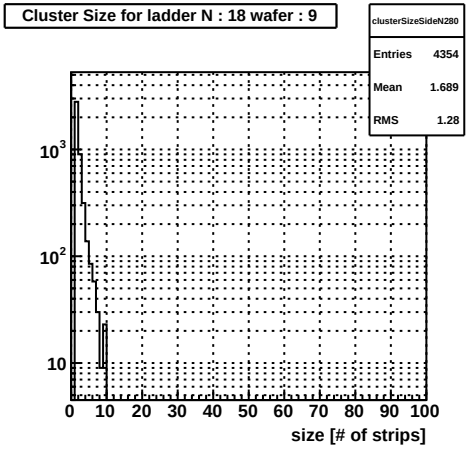

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 4497
Mean 1.289
RMS 0.6407
size [# of strips]

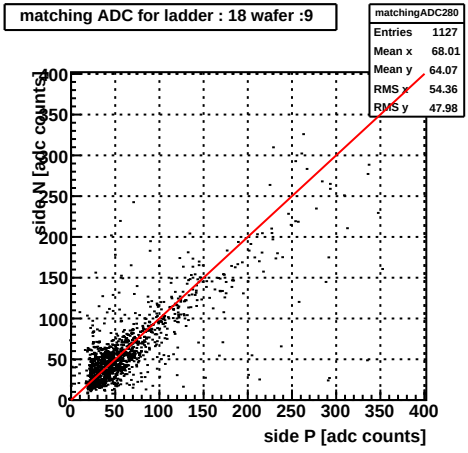

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 846
Mean x 59.14
Mean y 68.66
RMS x 47.48
RMS y 55.21
side N [adc counts]
side P [adc counts]

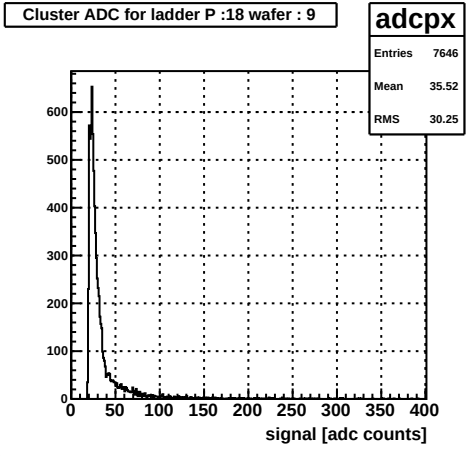

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 10654
Mean 29.53
RMS 23.02
signal [adc counts]

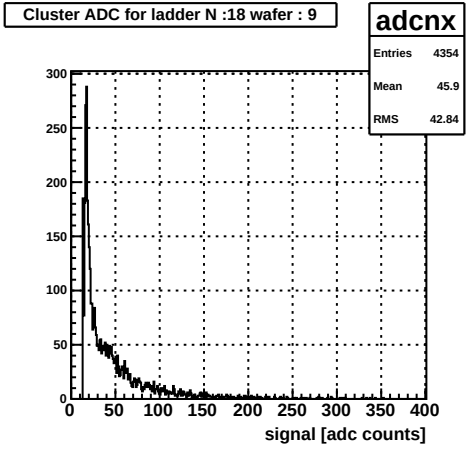

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 4497
Mean 38.9
RMS 42.52
signal [adc counts]

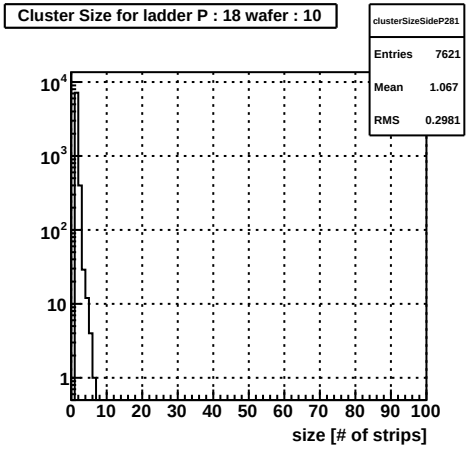

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 7646
Mean 1.098
RMS 0.3622
size [# of strips]

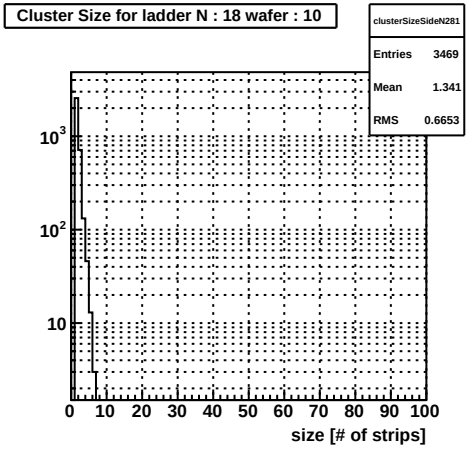

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 4354
Mean 1.689
RMS 1.28
size [# of strips]

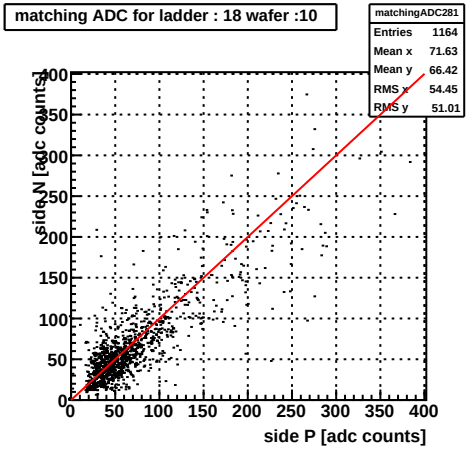

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1127
Mean x 68.01
Mean y 64.07
RMS x 54.36
RMS y 47.98
side N [adc counts]
side P [adc counts]

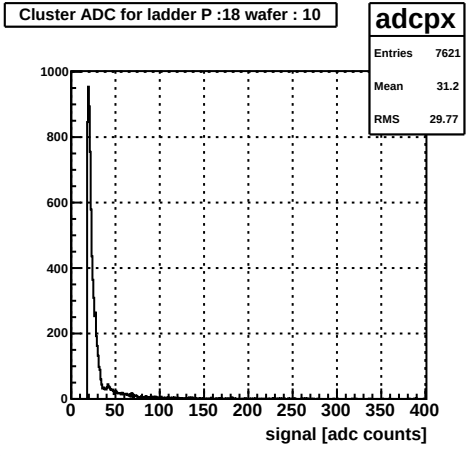

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 7646
Mean 35.52
RMS 30.25
signal [adc counts]

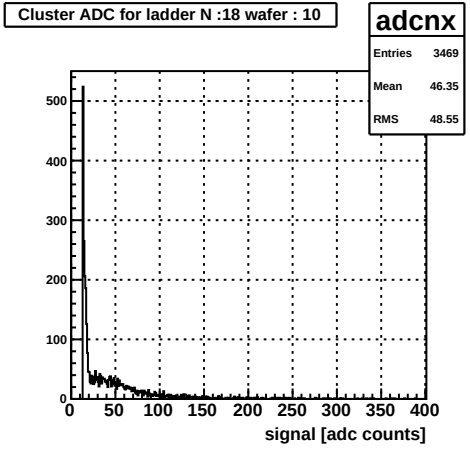

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 4354
Mean 45.9
RMS 42.84
signal [adc counts]

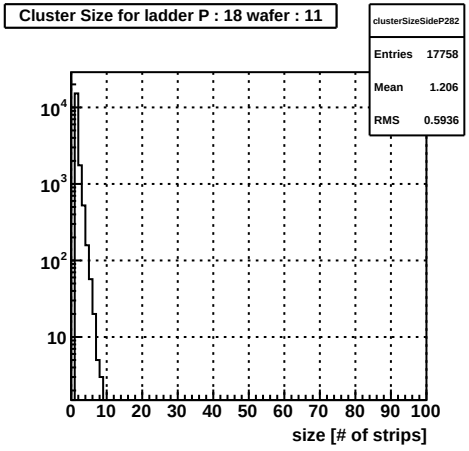

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 7621
Mean 1.067
RMS 0.2981
size [# of strips]

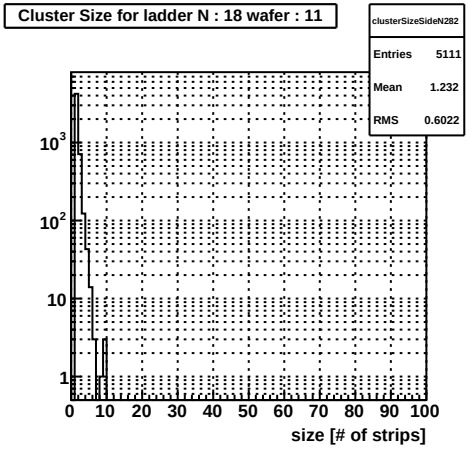

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 3469
Mean 1.341
RMS 0.6653
size [# of strips]

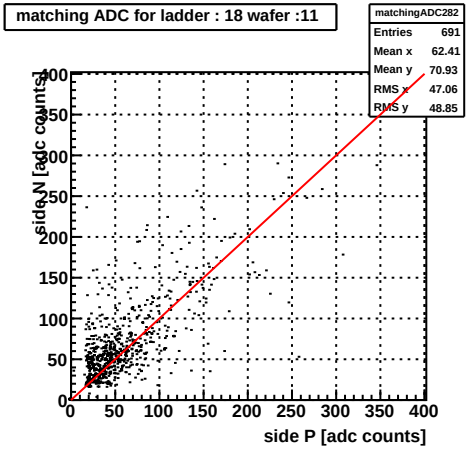

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1164
Mean x 71.63
Mean y 66.42
RMS x 54.45
RMS y 51.01
side N [adc counts]
side P [adc counts]

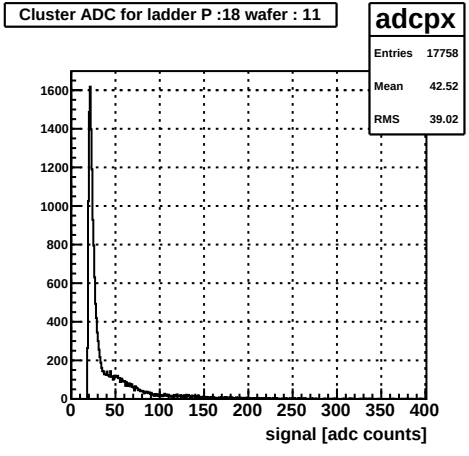

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 7621
Mean 31.2
RMS 29.77
signal [adc counts]

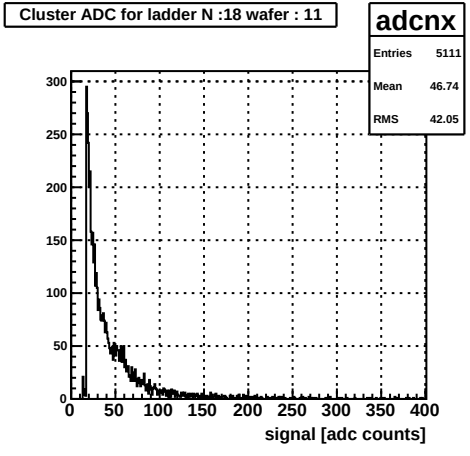

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 3469
Mean 46.35
RMS 48.55
signal [adc counts]

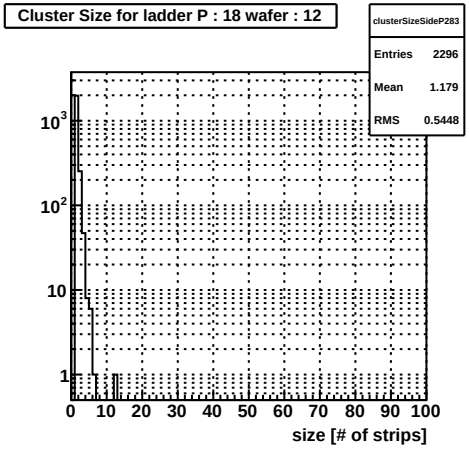

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 17758
Mean 1.206
RMS 0.5936
size [# of strips]

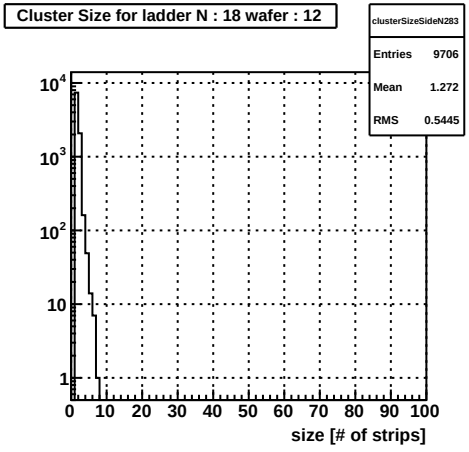

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 5111
Mean 1.232
RMS 0.6022
size [# of strips]

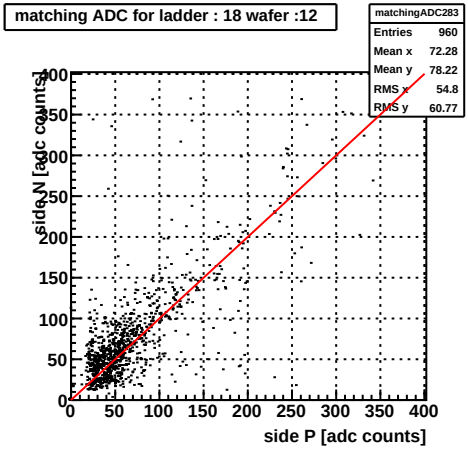

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 691
Mean x 62.41
Mean y 70.93
RMS x 47.06
RMS y 48.85
side N [adc counts]
side P [adc counts]

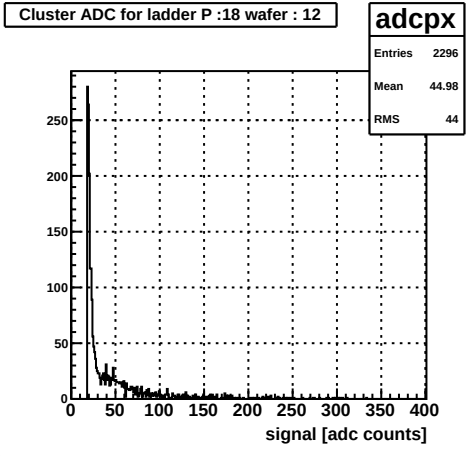

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 17758
Mean 42.52
RMS 39.02
signal [adc counts]

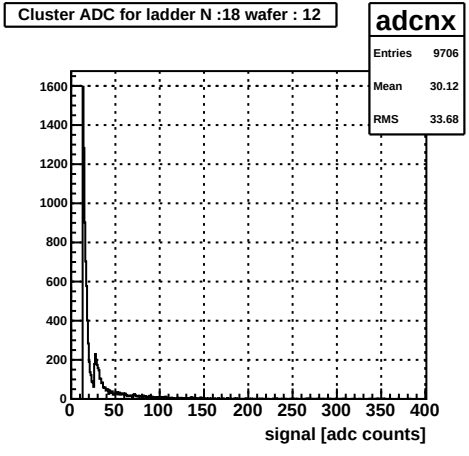

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 5111
Mean 46.74
RMS 42.05
signal [adc counts]

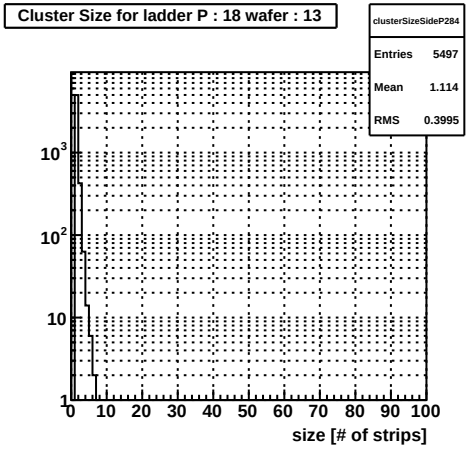

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2296
Mean 1.179
RMS 0.5448
size [# of strips]

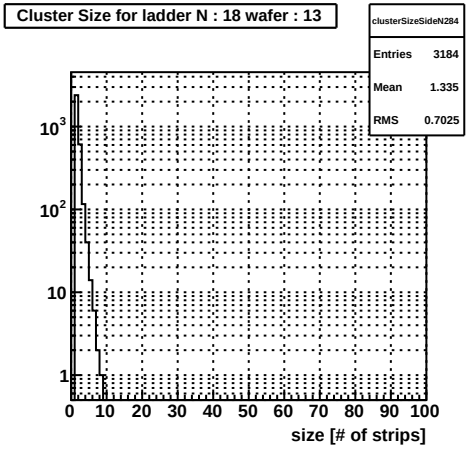

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 9706
Mean 1.272
RMS 0.5445
size [# of strips]

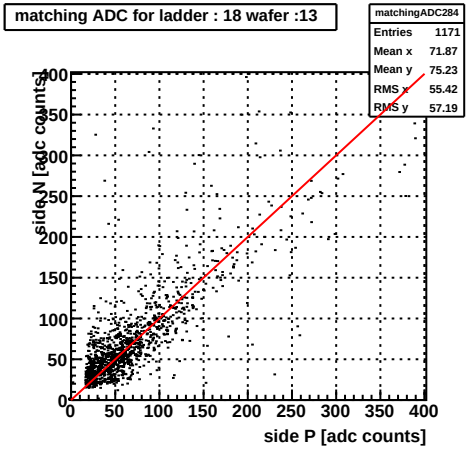

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 960
Mean x 72.28
Mean y 78.22
RMS x 54.8
RMS y 60.77
side N [adc counts]
side P [adc counts]

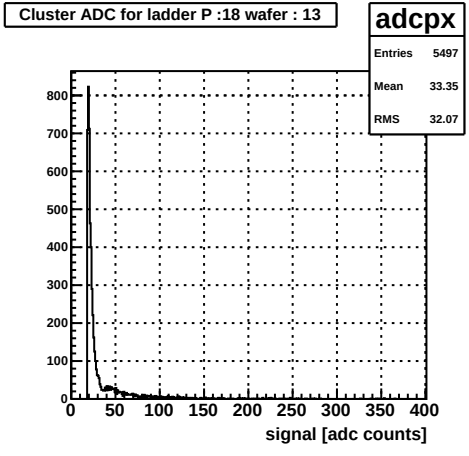

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2296
Mean 44.98
RMS 44
signal [adc counts]

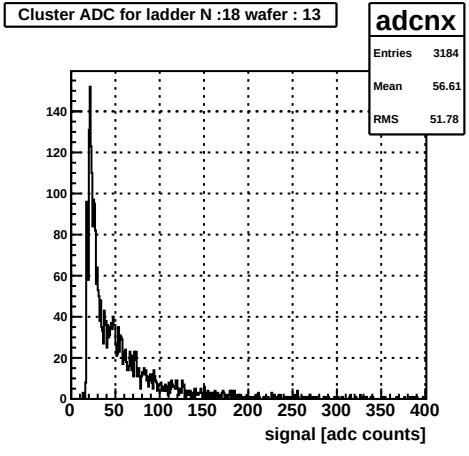

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 9706
Mean 30.12
RMS 33.68
signal [adc counts]

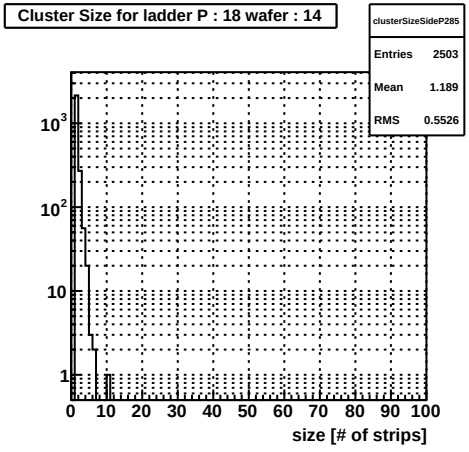

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5497
Mean 1.114
RMS 0.3995
size [# of strips]

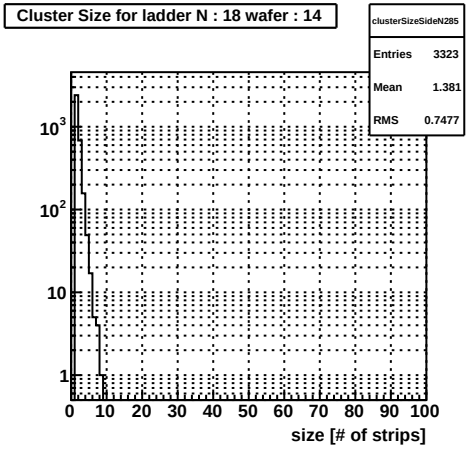

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3184
Mean 1.335
RMS 0.7025
size [# of strips]

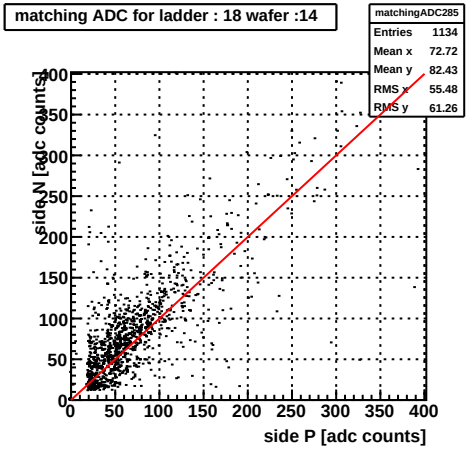

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1171
Mean x 71.87
Mean y 75.23
RMS x 55.42
RMS y 57.19
side N [adc counts]
side P [adc counts]

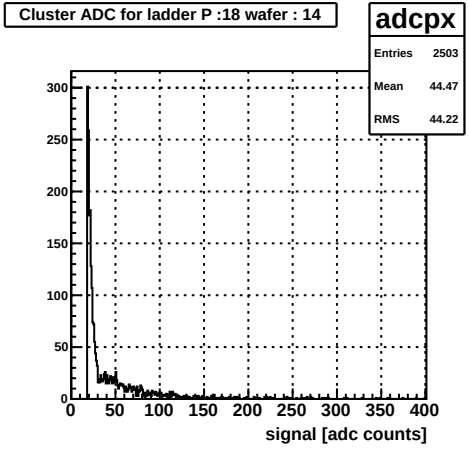

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5497
Mean 33.35
RMS 32.07
signal [adc counts]

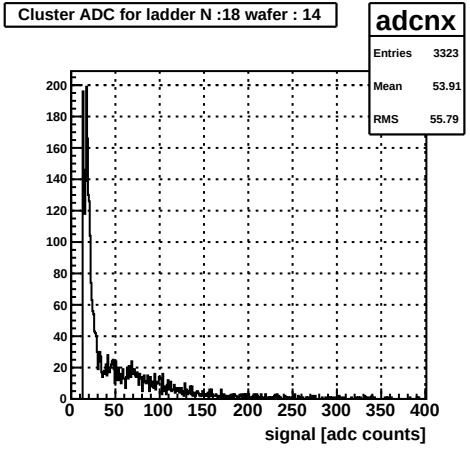

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3184
Mean 56.61
RMS 51.78
signal [adc counts]

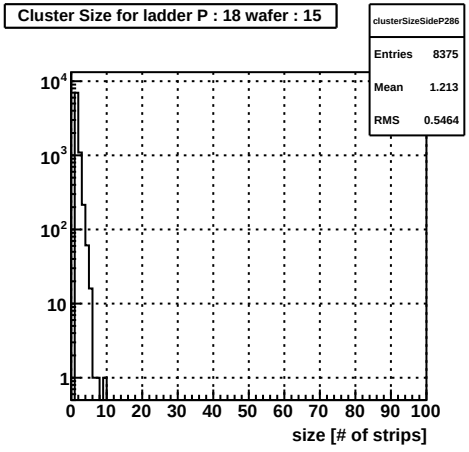

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2503
Mean 1.189
RMS 0.5526
size [# of strips]

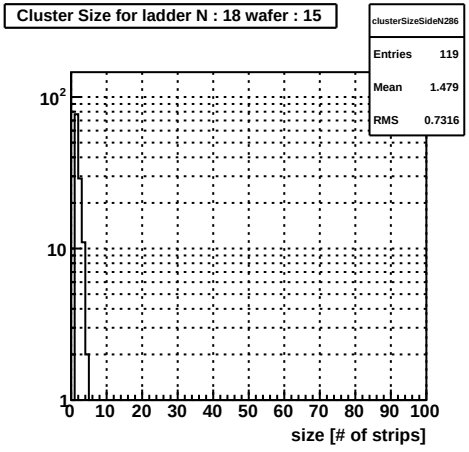

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3323
Mean 1.381
RMS 0.7477
size [# of strips]

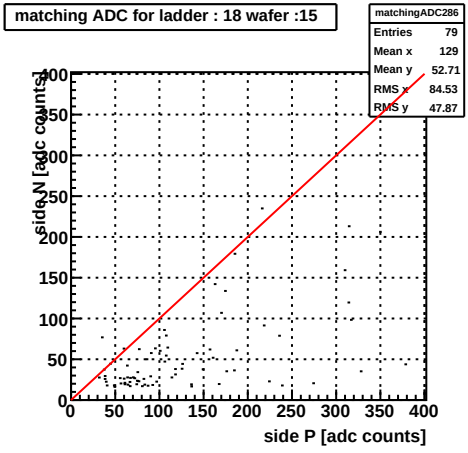

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1134
Mean x 72.72
Mean y 82.43
RMS x 55.48
RMS y 61.26
side N [adc counts]
side P [adc counts]

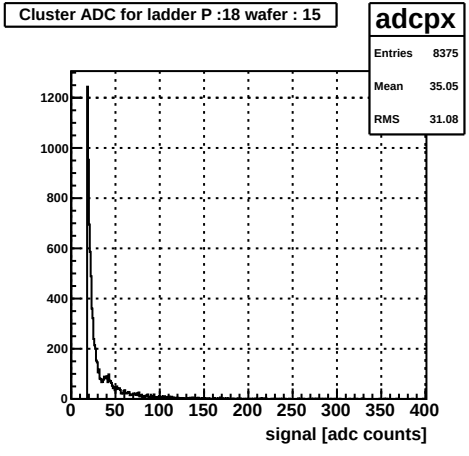

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2503
Mean 44.47
RMS 44.22
signal [adc counts]

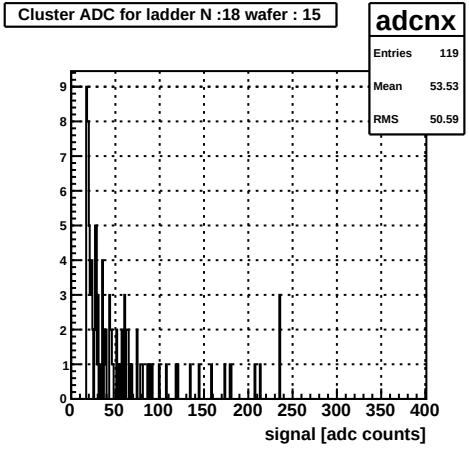

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3323
Mean 53.91
RMS 55.79
signal [adc counts]

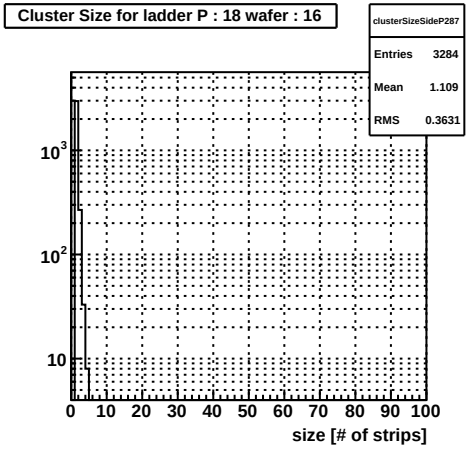

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 8375
Mean 1.213
RMS 0.5464
size [# of strips]

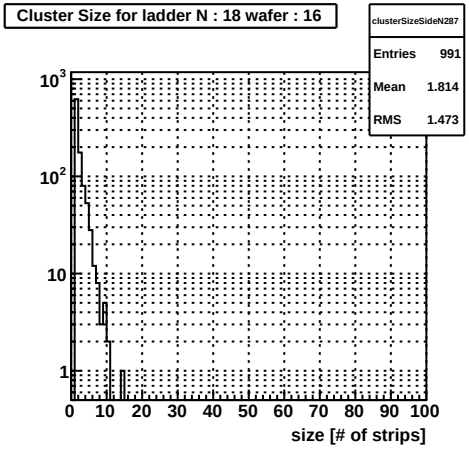

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 119
Mean 1.479
RMS 0.7316
size [# of strips]

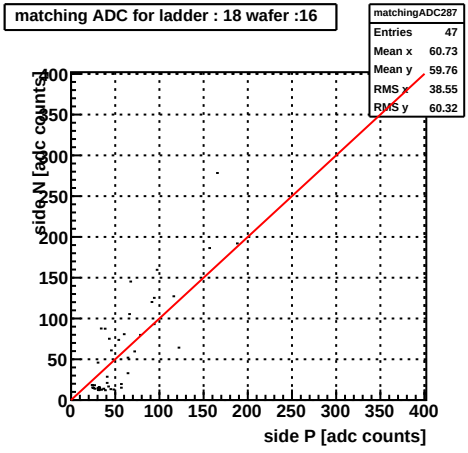

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 79
Mean x 129
Mean y 52.71
RMS x 84.53
RMS y 47.87
side N [adc counts]
side P [adc counts]

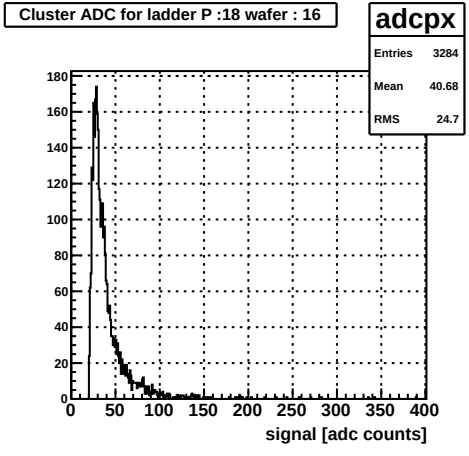

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 8375
Mean 35.05
RMS 31.08
signal [adc counts]

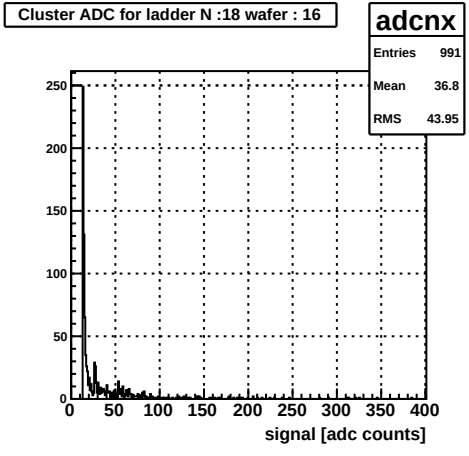

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 119
Mean 53.53
RMS 50.59
signal [adc counts]

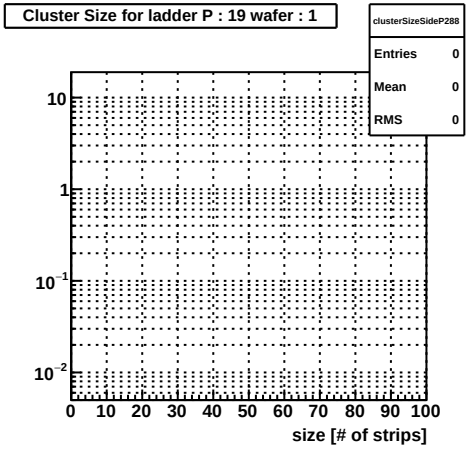

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3284
Mean 1.109
RMS 0.3631
size [# of strips]

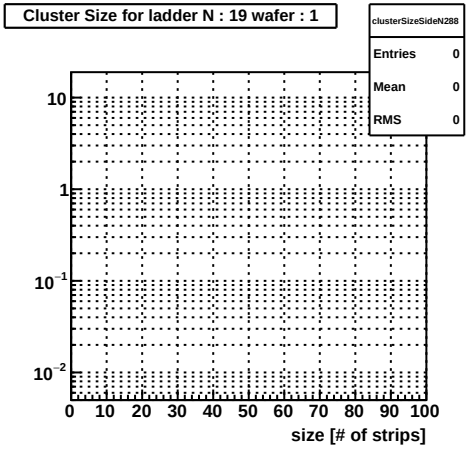

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 991
Mean 1.814
RMS 1.473
size [# of strips]

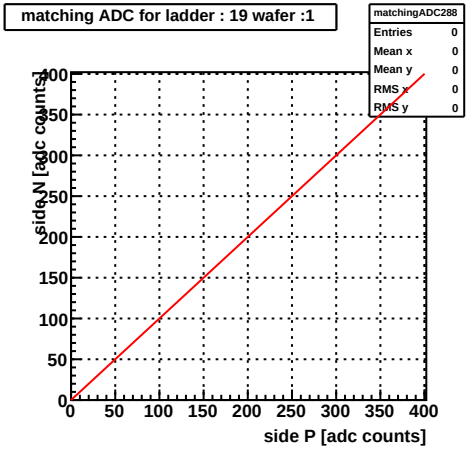

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 47
Mean x 60.73
Mean y 59.76
RMS x 38.55
RMS y 60.32
side N [adc counts]
side P [adc counts]

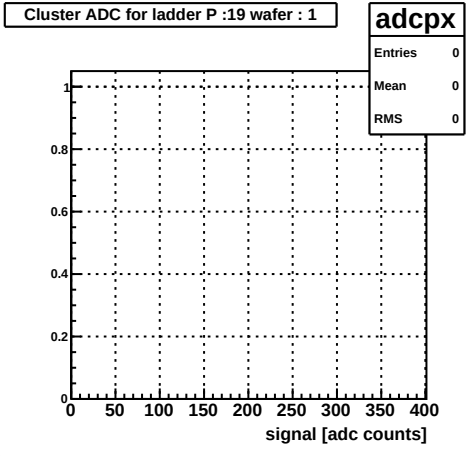

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3284
Mean 40.68
RMS 24.7
signal [adc counts]

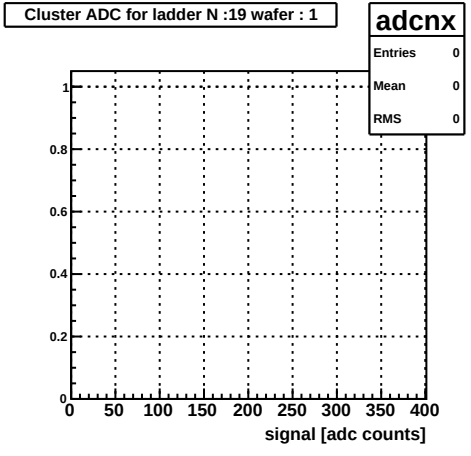

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 991
Mean 36.8
RMS 43.95
signal [adc counts]

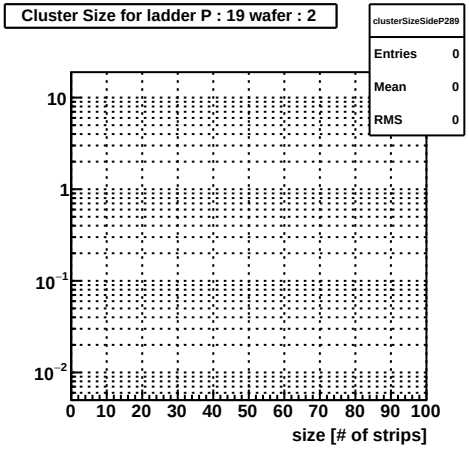

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

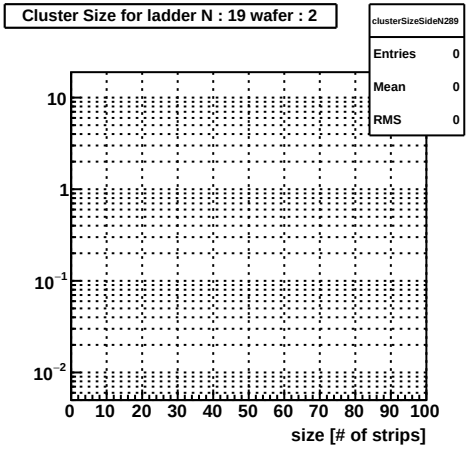

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

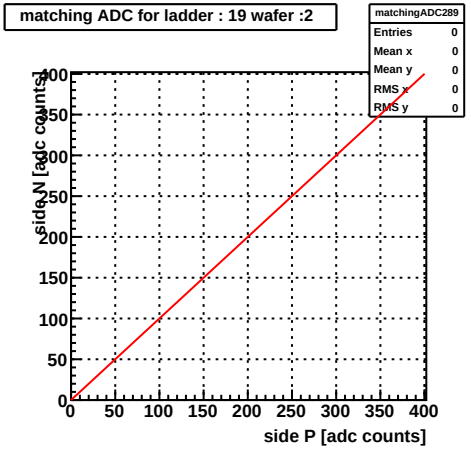

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

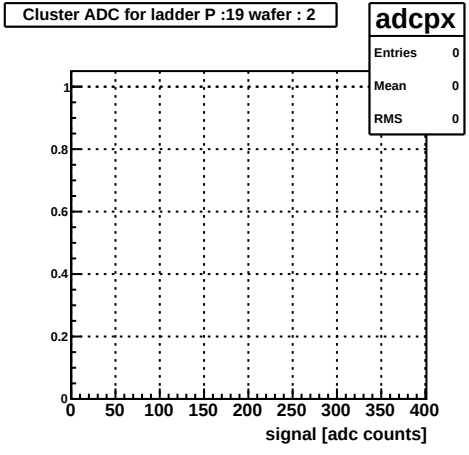

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

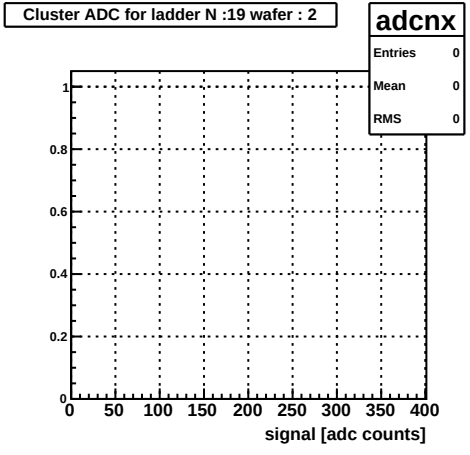

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

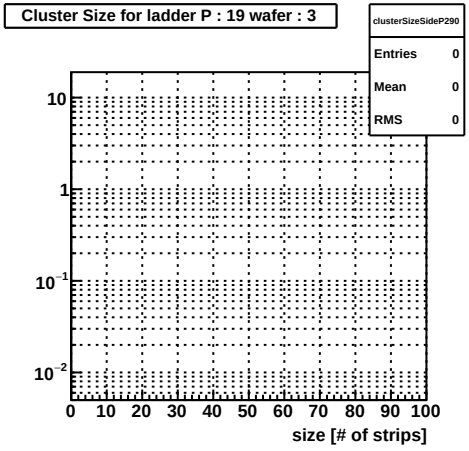

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

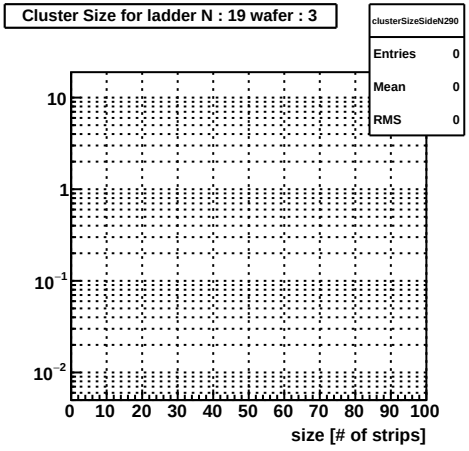

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

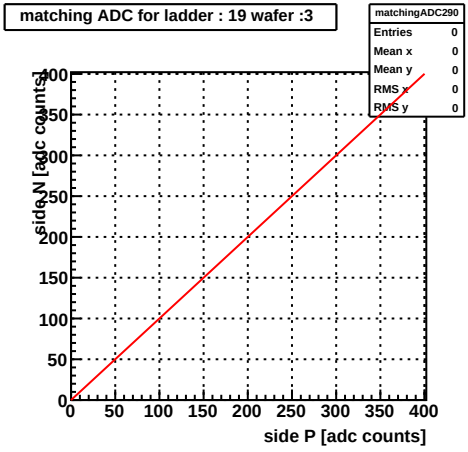

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

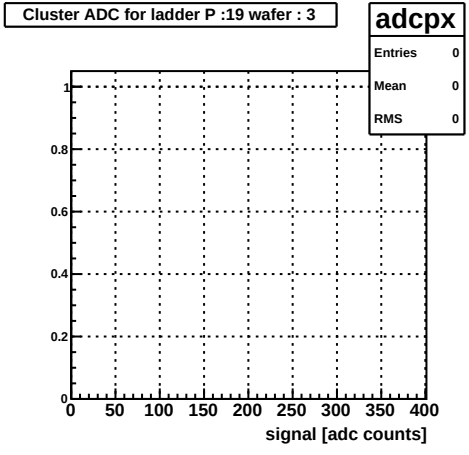

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

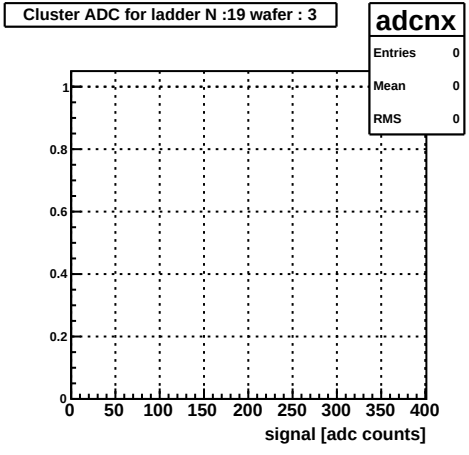

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

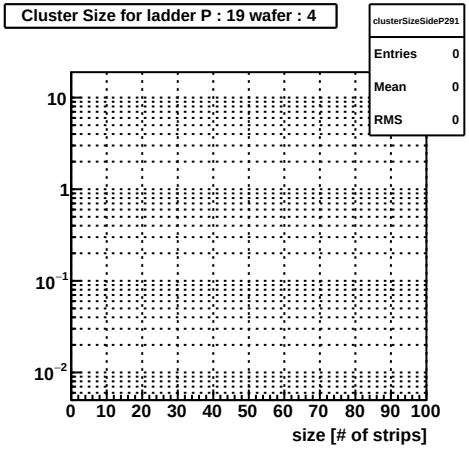

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

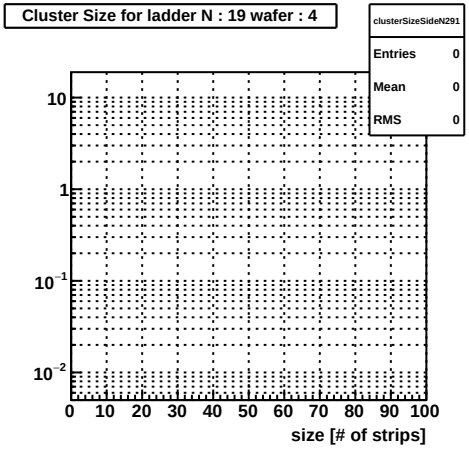

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

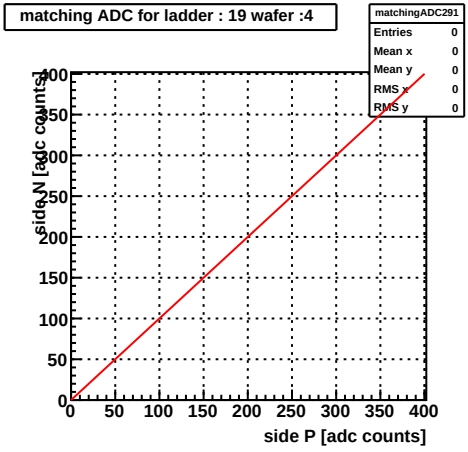

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

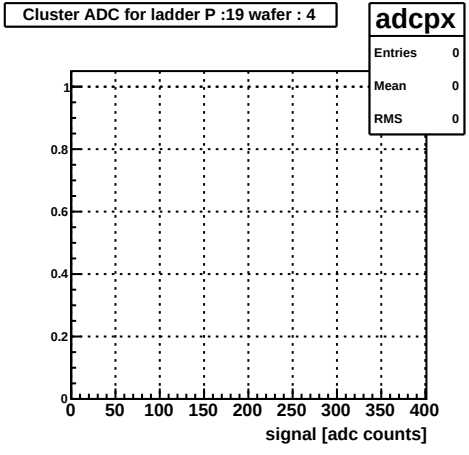

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

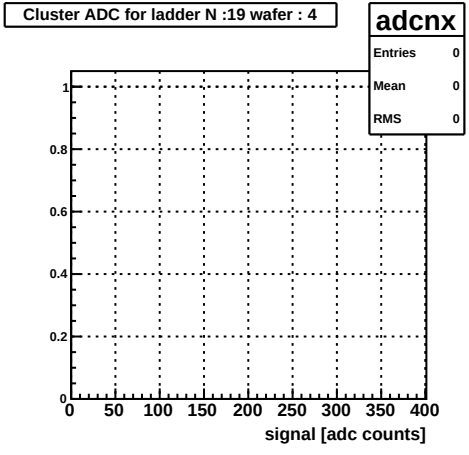

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

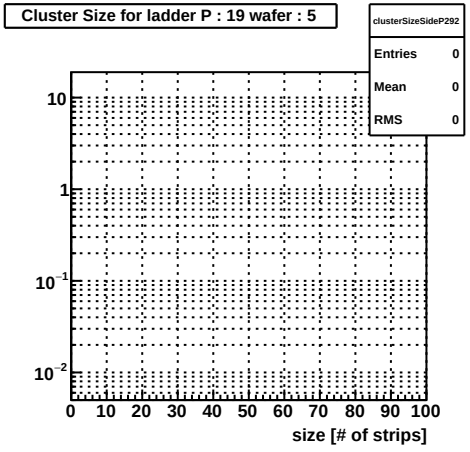

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

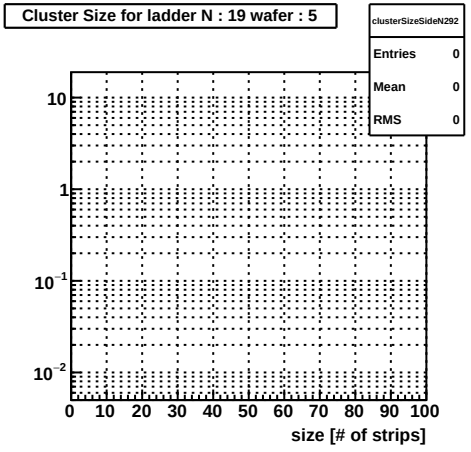

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

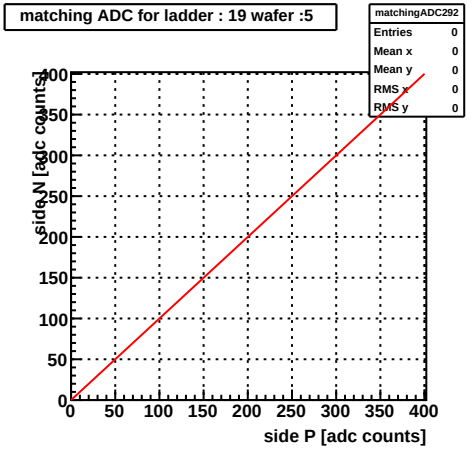

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

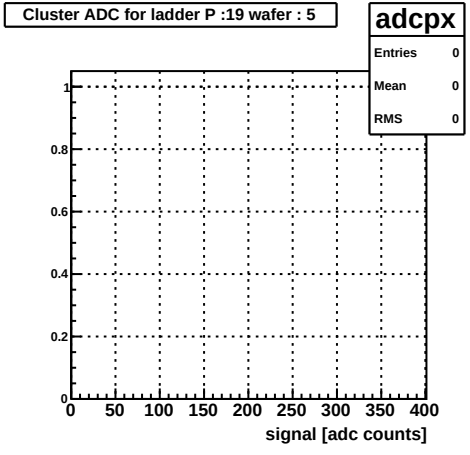

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

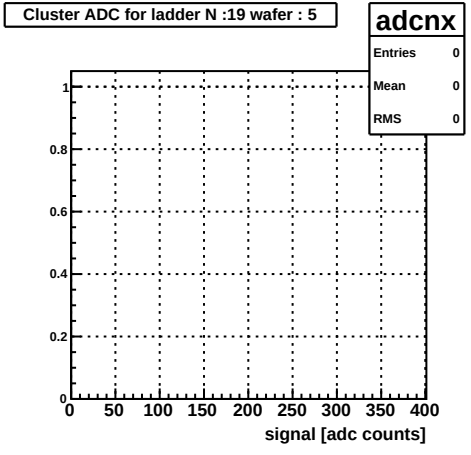

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

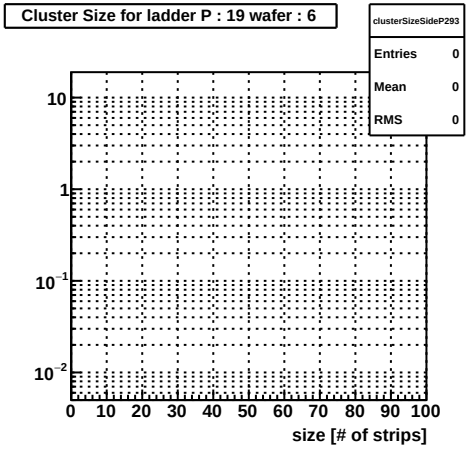

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

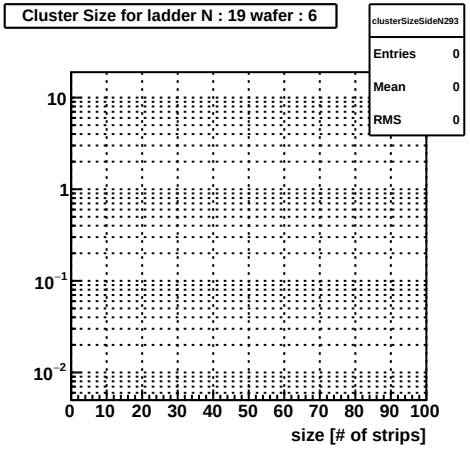

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

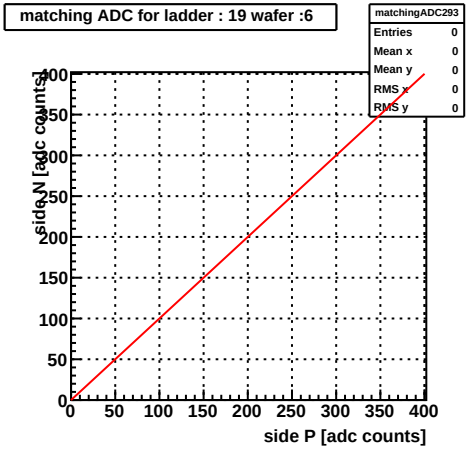

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

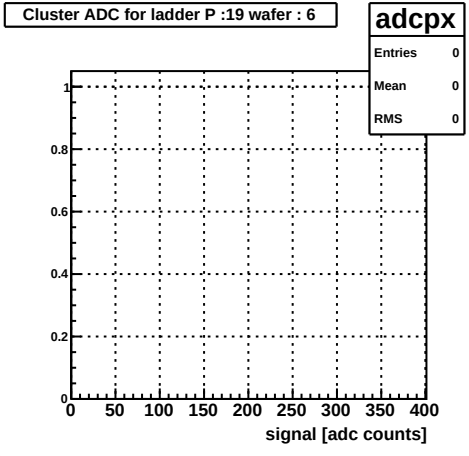

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

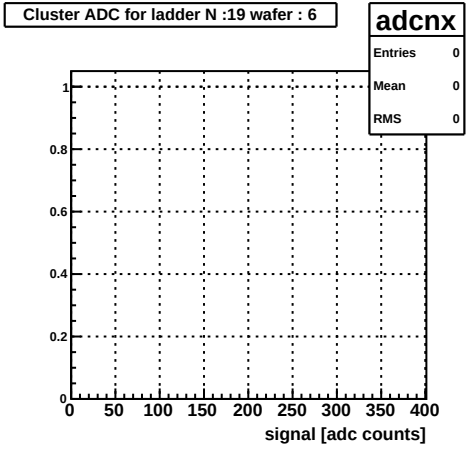

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

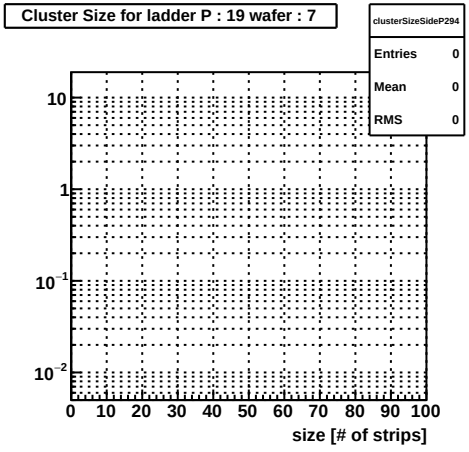

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

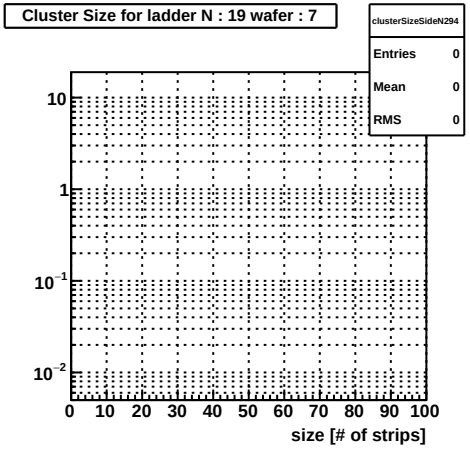

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

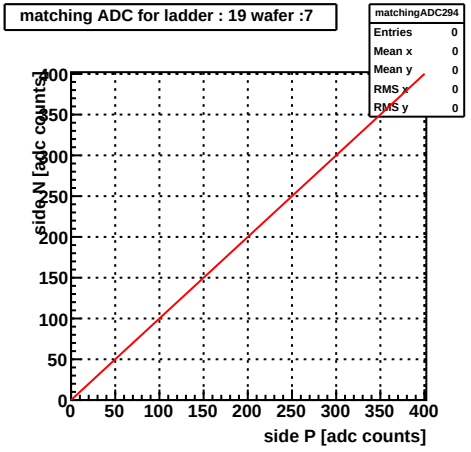

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

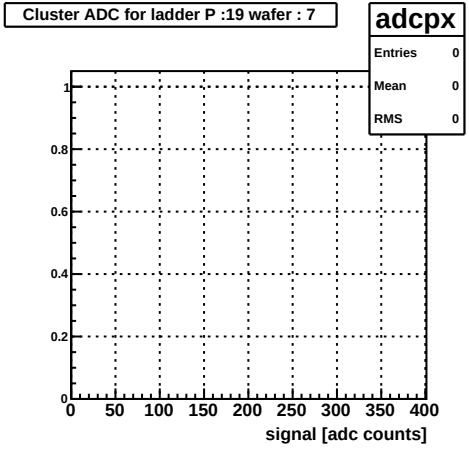

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

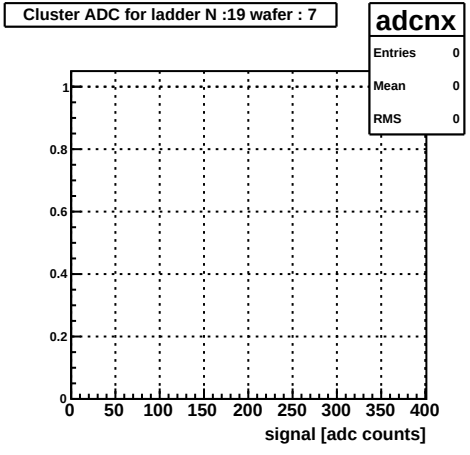

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

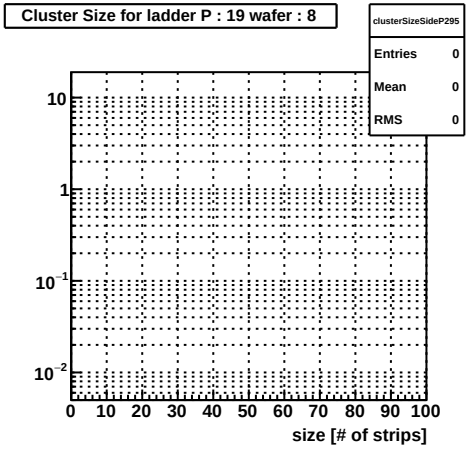

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

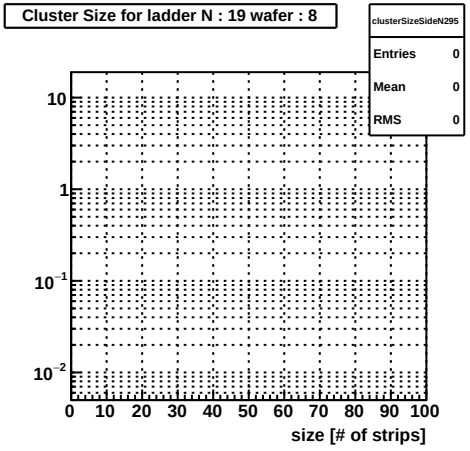

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

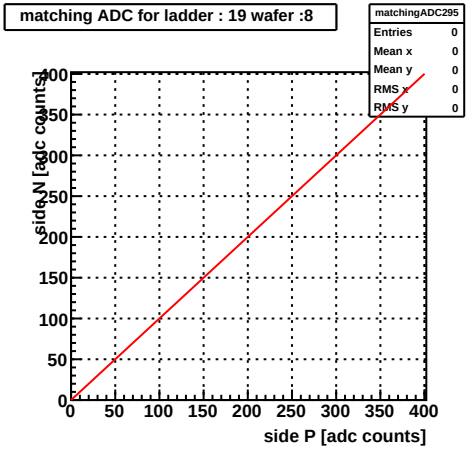

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

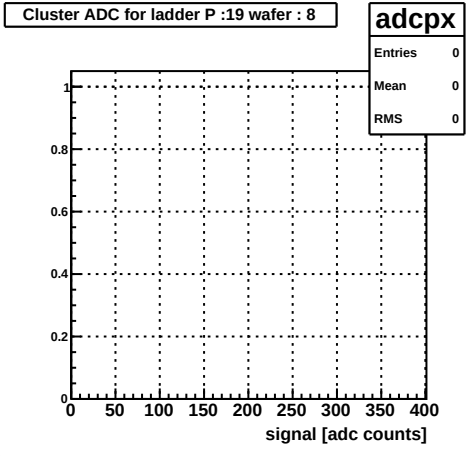

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

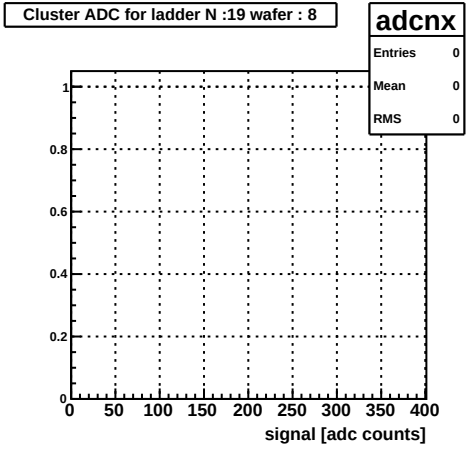

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

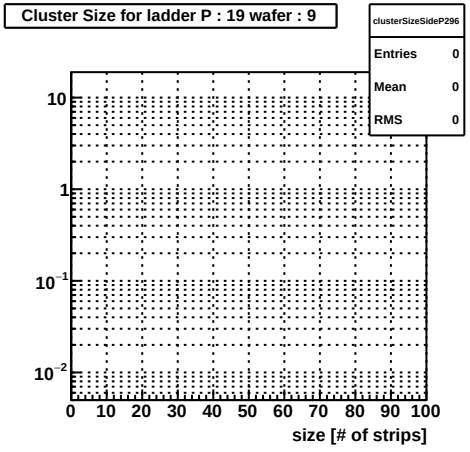

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

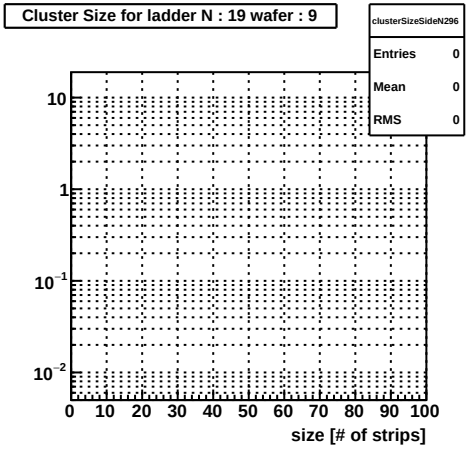

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

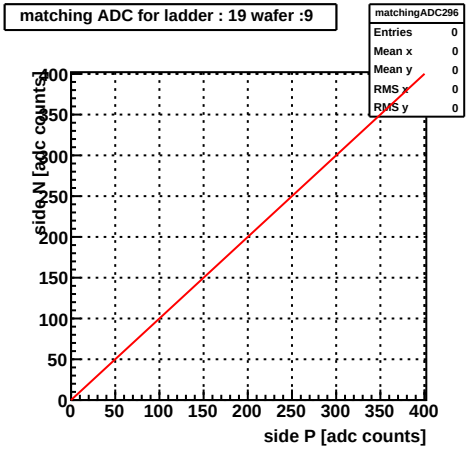

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

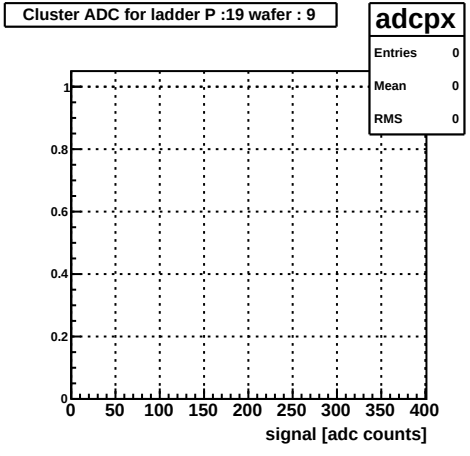

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

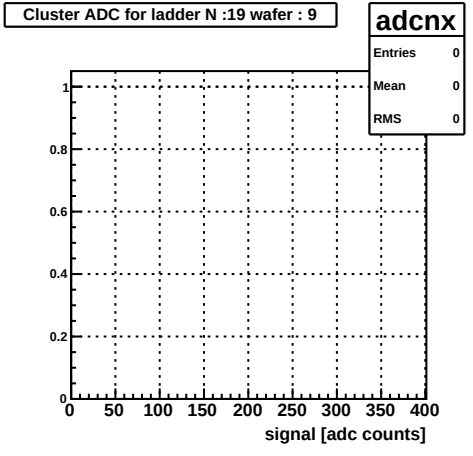

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

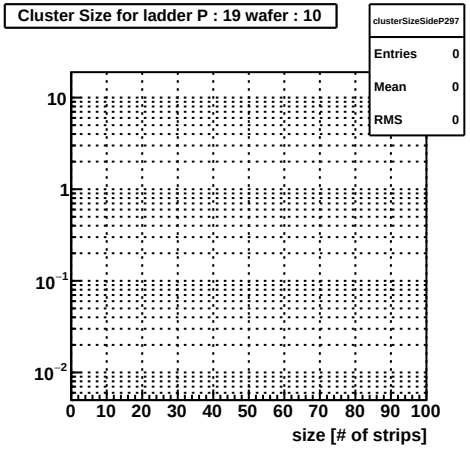

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

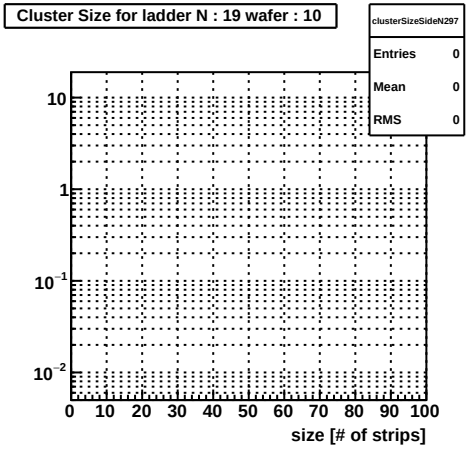

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

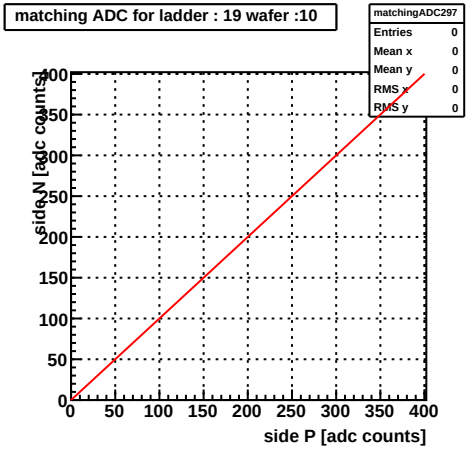

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

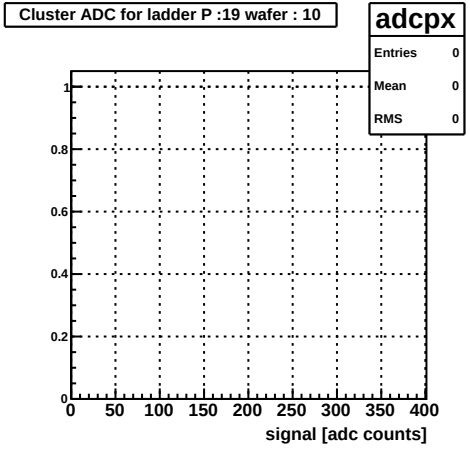

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

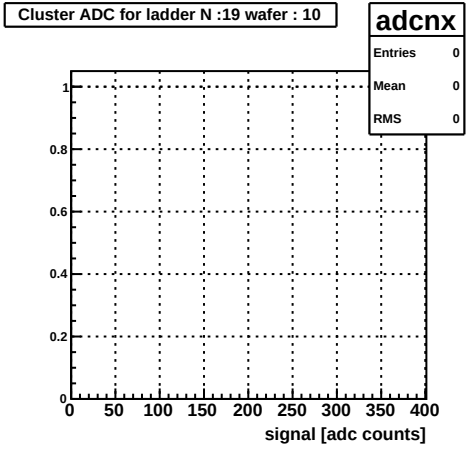

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

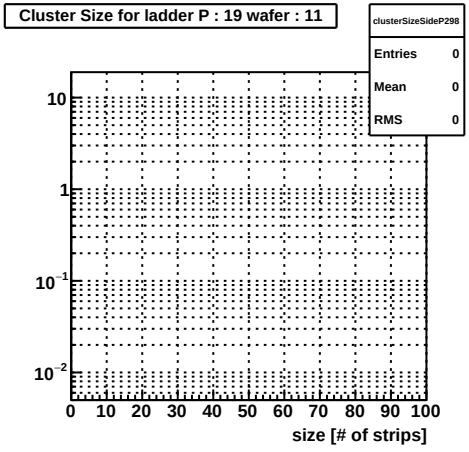

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

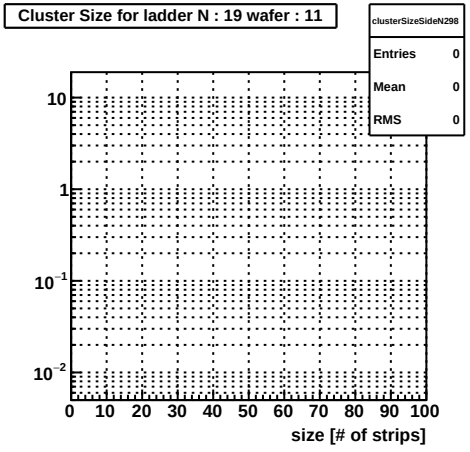

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

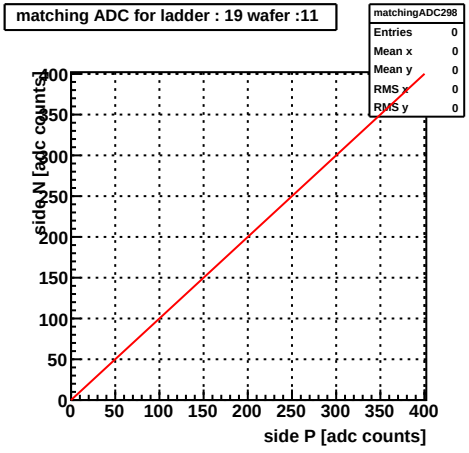

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

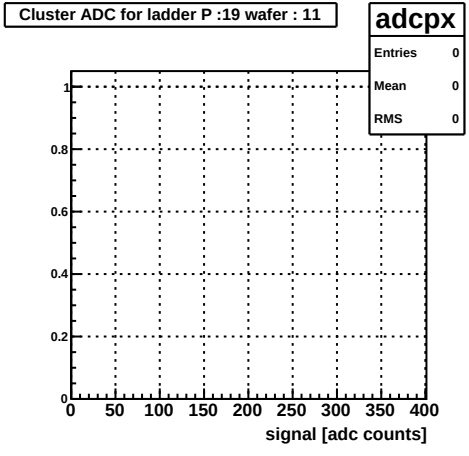

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

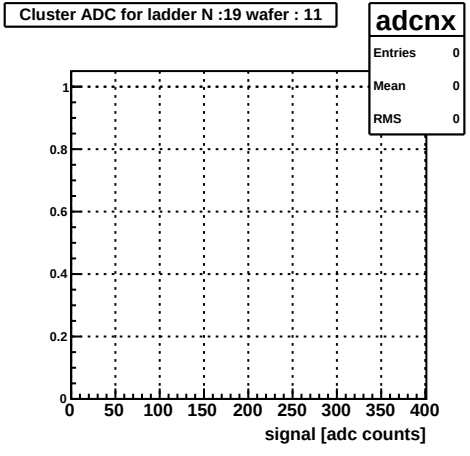

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

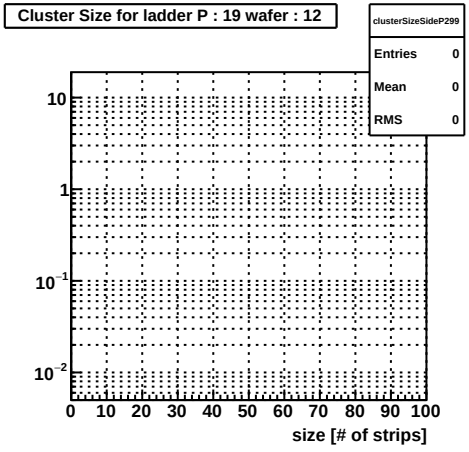

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

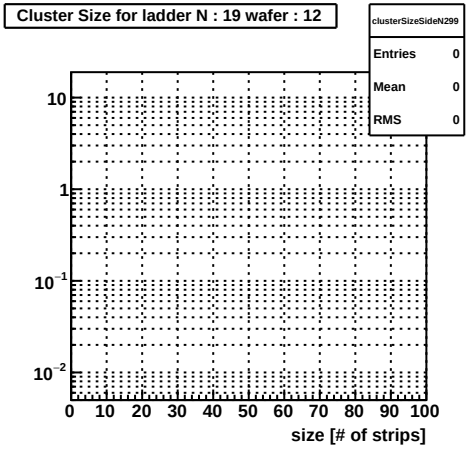

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

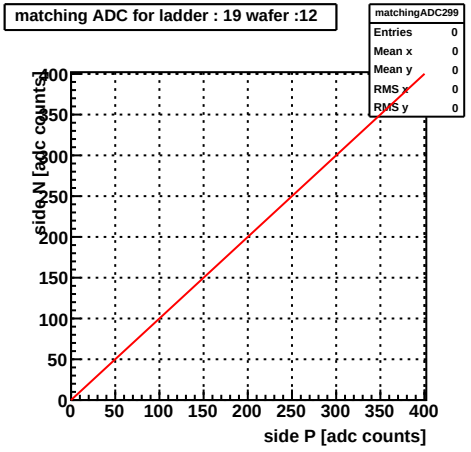

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

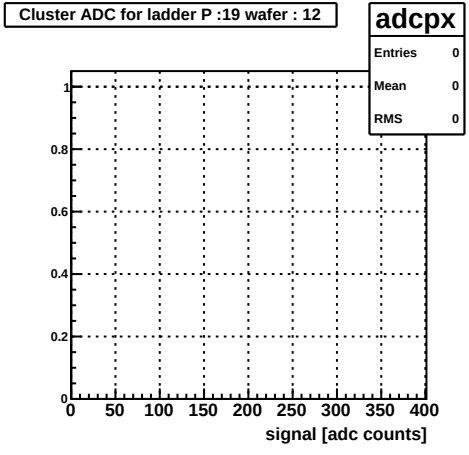

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

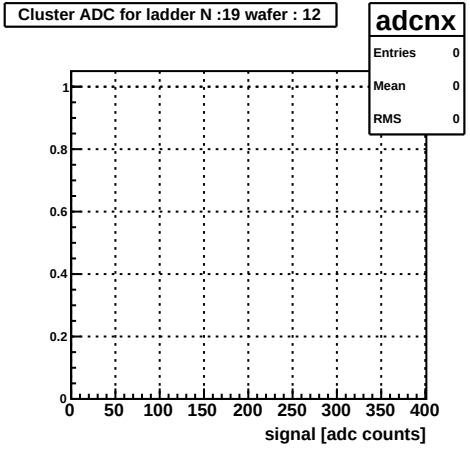

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

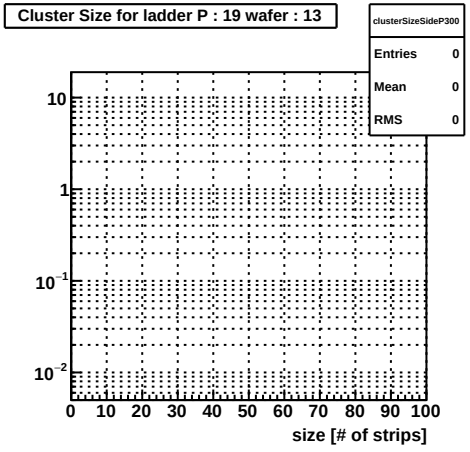

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

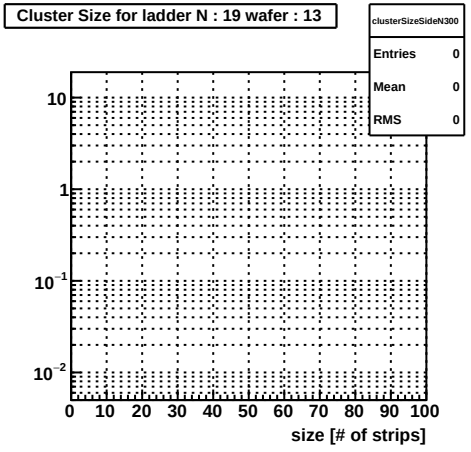

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

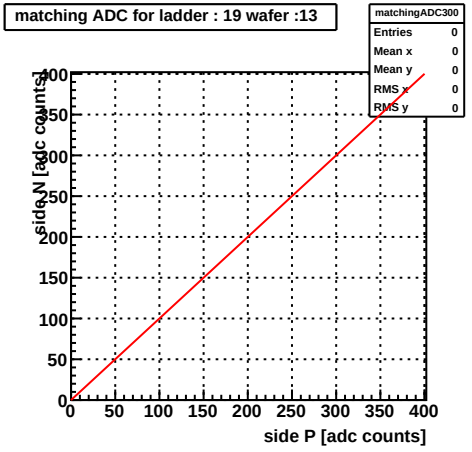

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

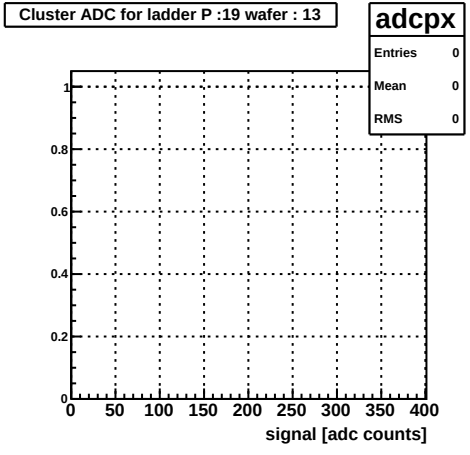

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

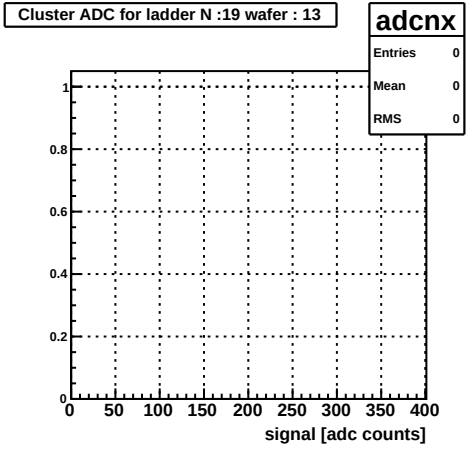

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

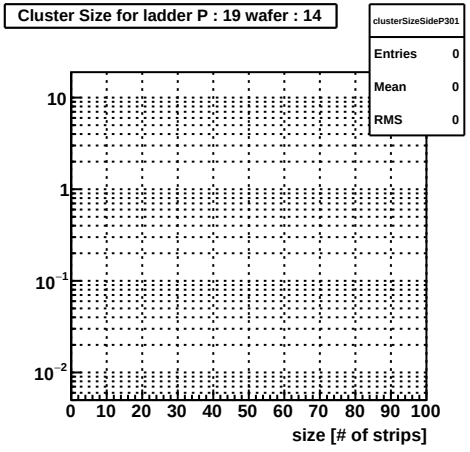

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

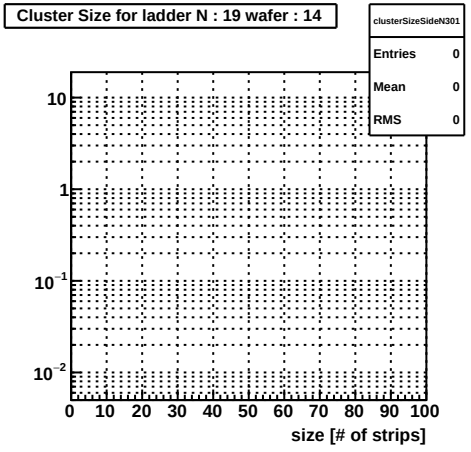

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

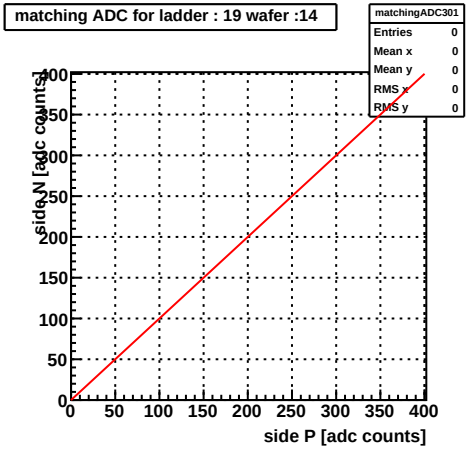

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

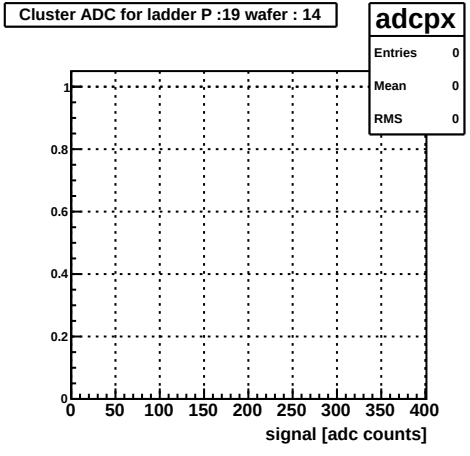

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

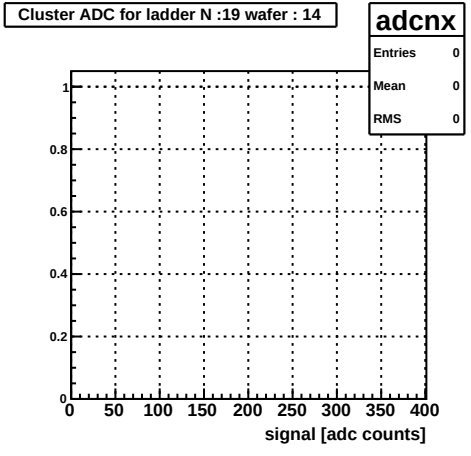

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

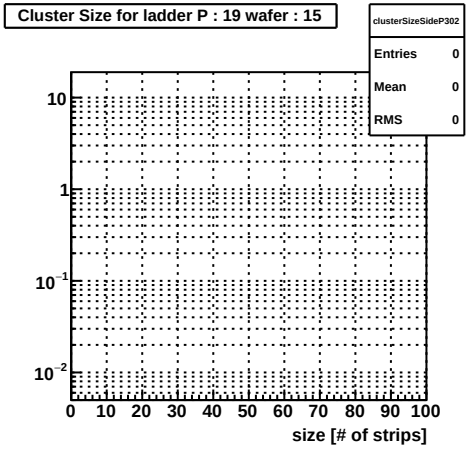

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

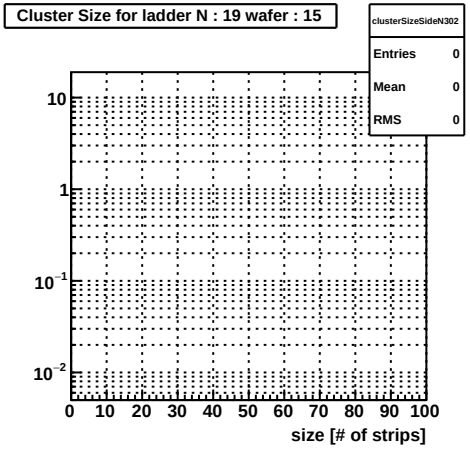

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

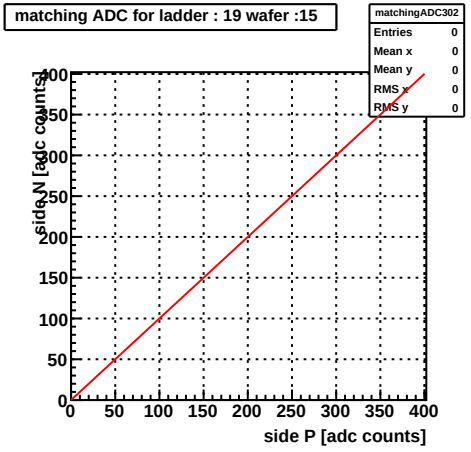

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

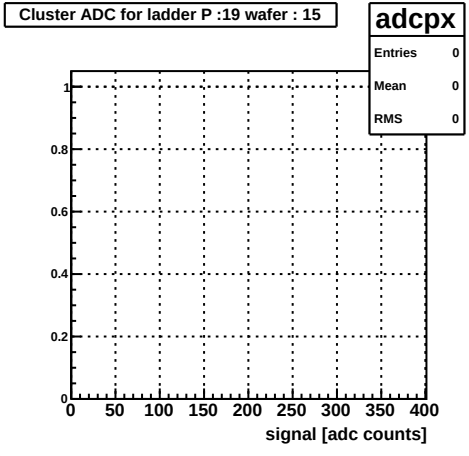

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

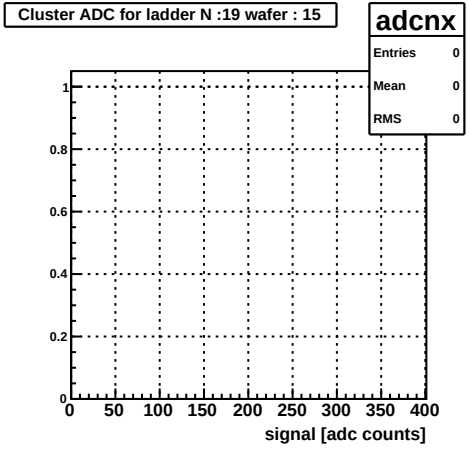

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

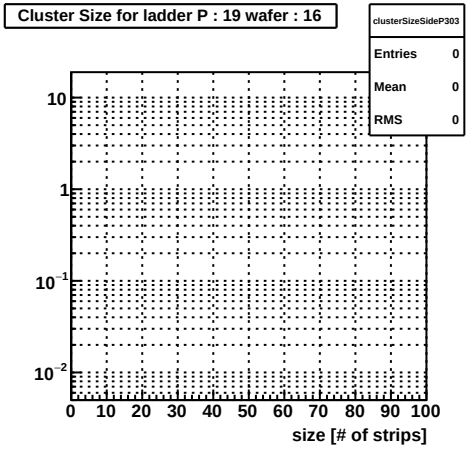

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

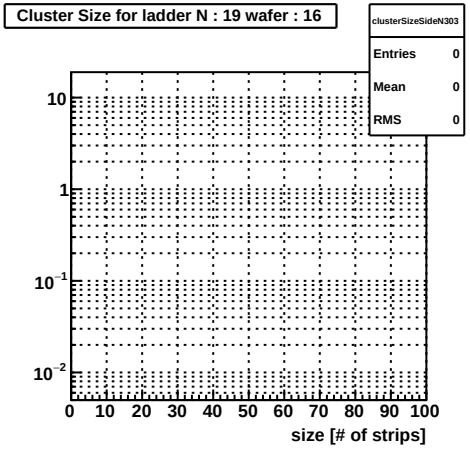

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

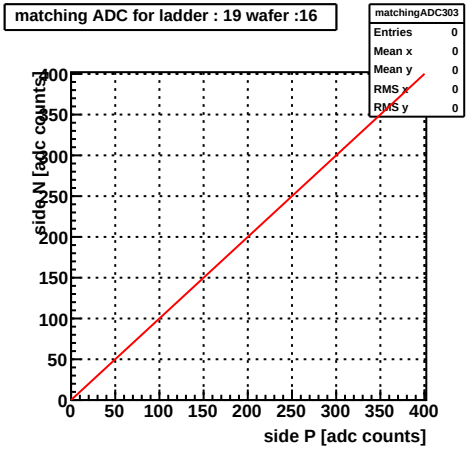

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

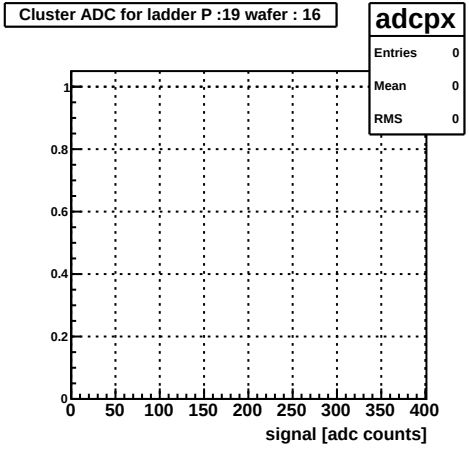

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

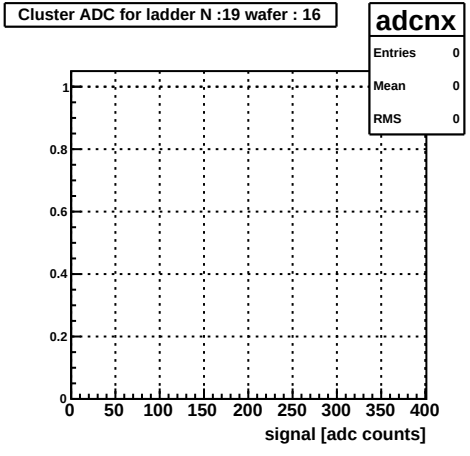

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

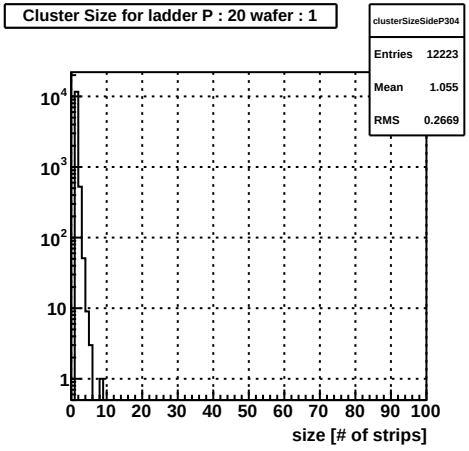

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

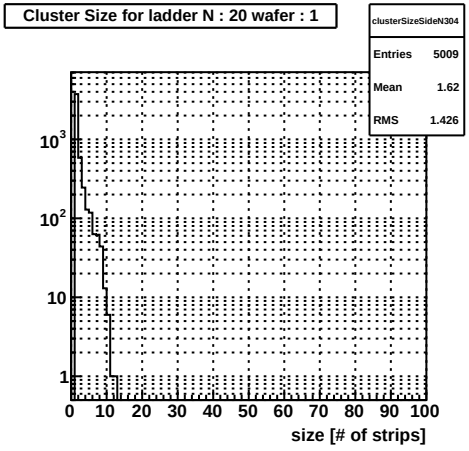

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

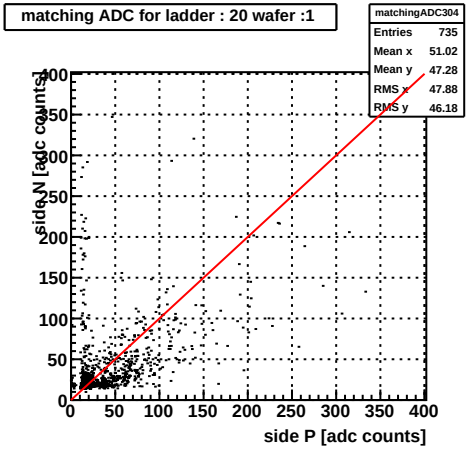

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

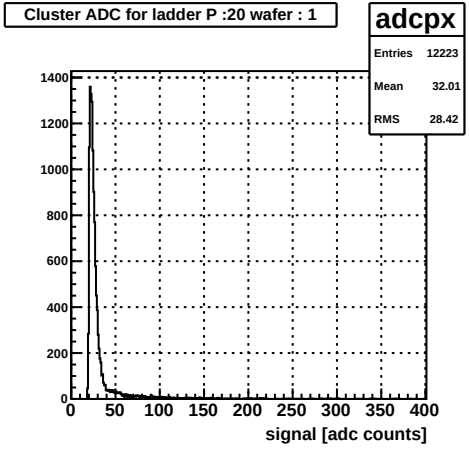

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

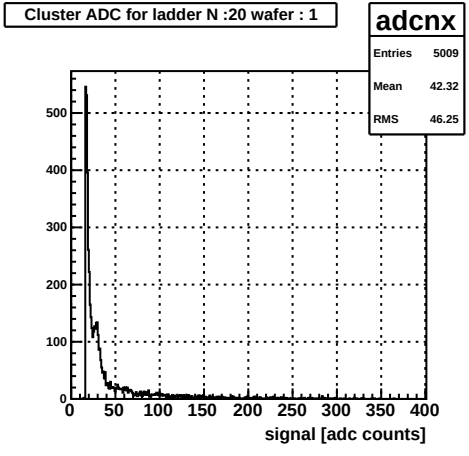

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

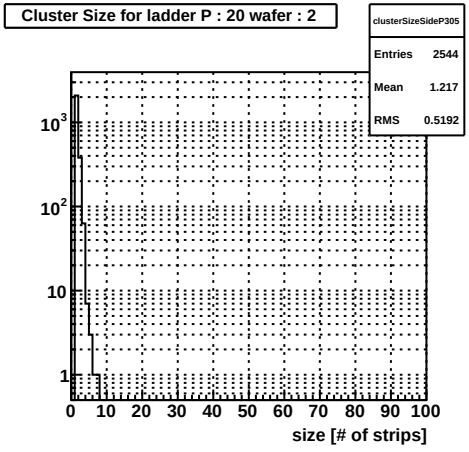

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 12223
Mean 1.055
RMS 0.2669
size [# of strips]

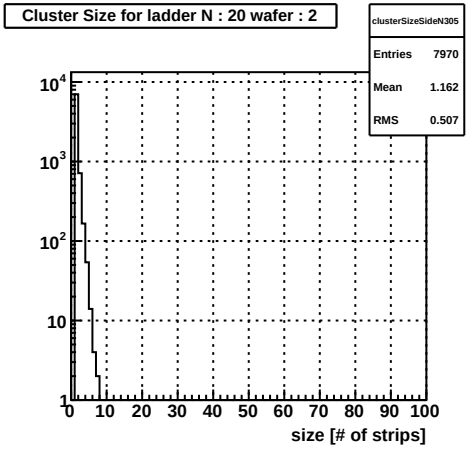

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 5009
Mean 1.62
RMS 1.426
size [# of strips]

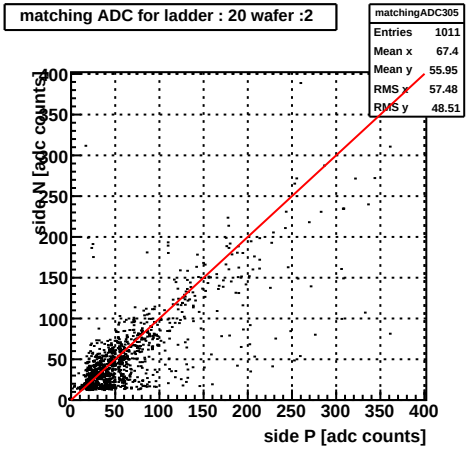

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 735
Mean x 51.02
Mean y 47.28
RMS x 47.88
RMS y 46.18
side N [adc counts]
side P [adc counts]

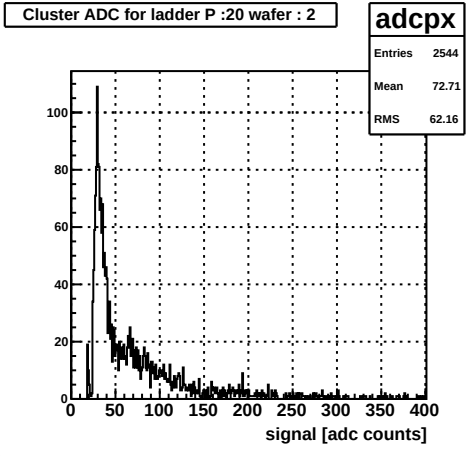

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 12223
Mean 32.01
RMS 28.42
signal [adc counts]

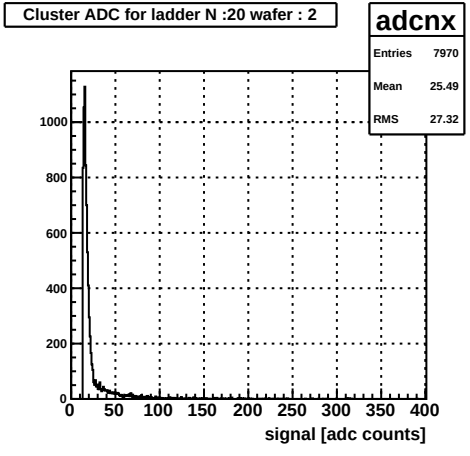

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 5009
Mean 42.32
RMS 46.25
signal [adc counts]

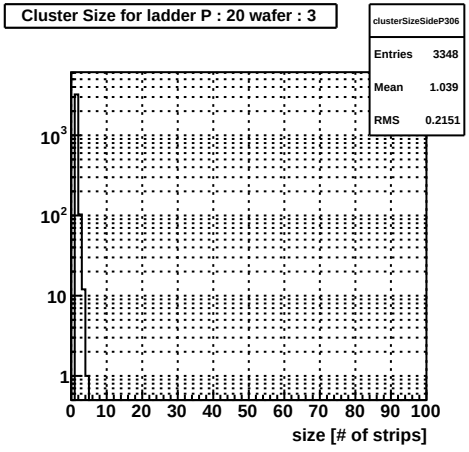

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2544
Mean 1.217
RMS 0.5192
size [# of strips]

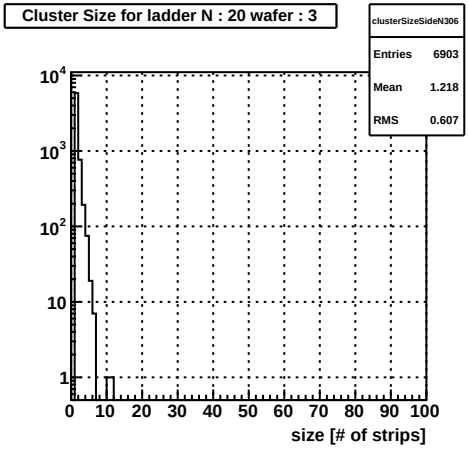

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 7970
Mean 1.162
RMS 0.507
size [# of strips]

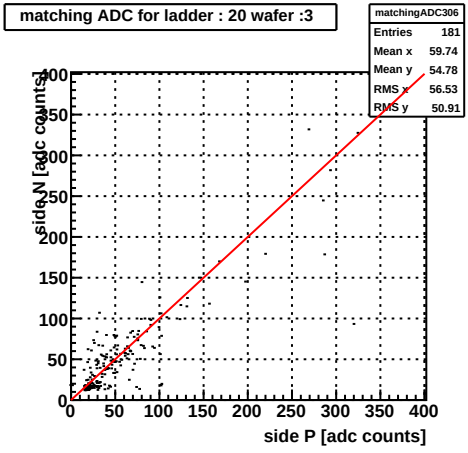

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 1011
Mean x 67.4
Mean y 55.95
RMS x 57.48
RMS y 48.51
side N [adc counts]
side P [adc counts]

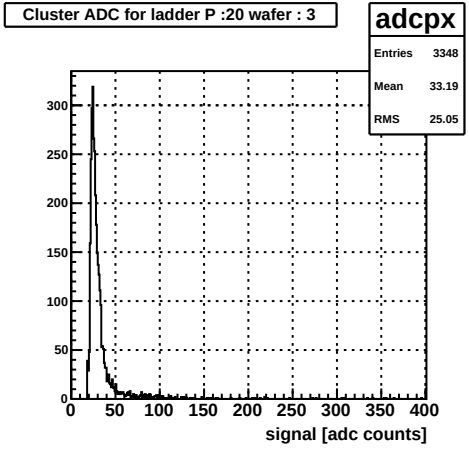

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2544
Mean 72.71
RMS 62.16
signal [adc counts]

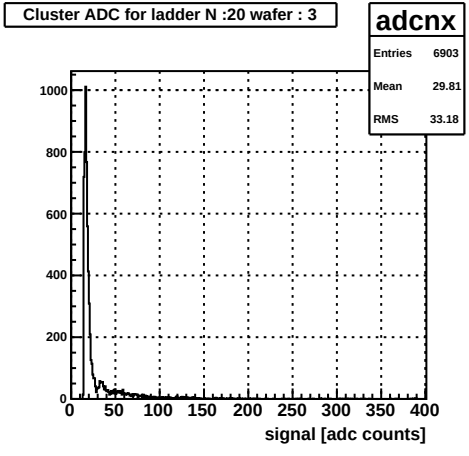

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 7970
Mean 25.49
RMS 27.32
signal [adc counts]

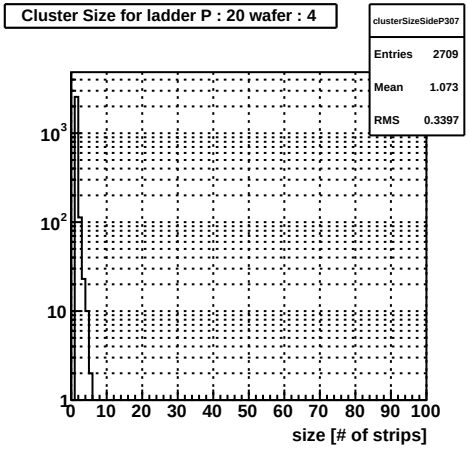

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 3348
Mean 1.039
RMS 0.2151
size [# of strips]

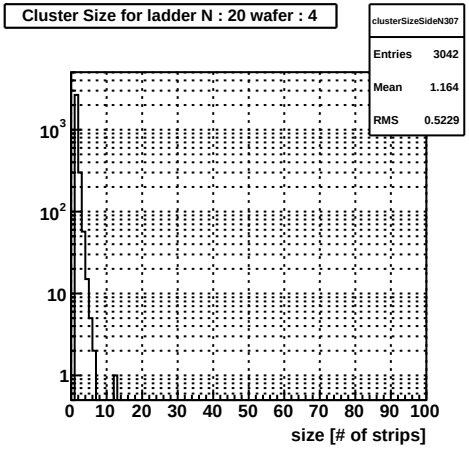

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 6903
Mean 1.218
RMS 0.607
size [# of strips]

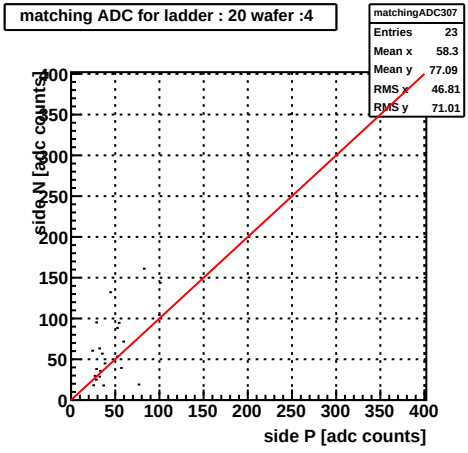

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 181
Mean x 59.74
Mean y 54.78
RMS x 56.53
RMS y 50.91
side N [adc counts]
side P [adc counts]

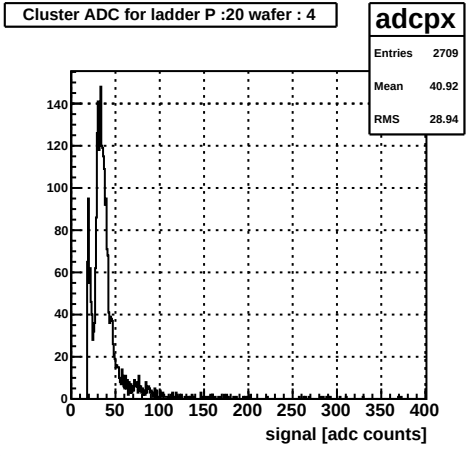

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 3348
Mean 33.19
RMS 25.05
signal [adc counts]

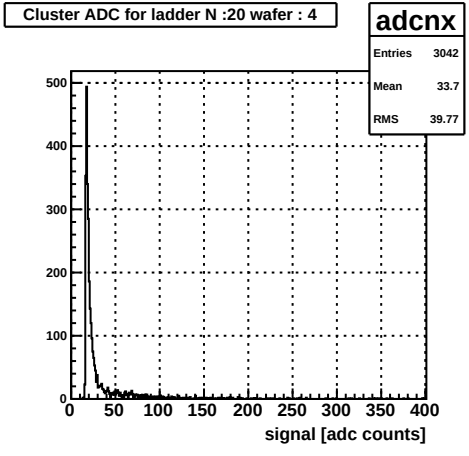

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 6903
Mean 29.81
RMS 33.18
signal [adc counts]

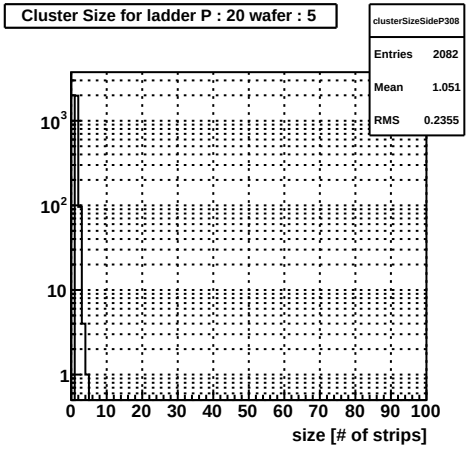

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2709
Mean 1.073
RMS 0.3397
size [# of strips]

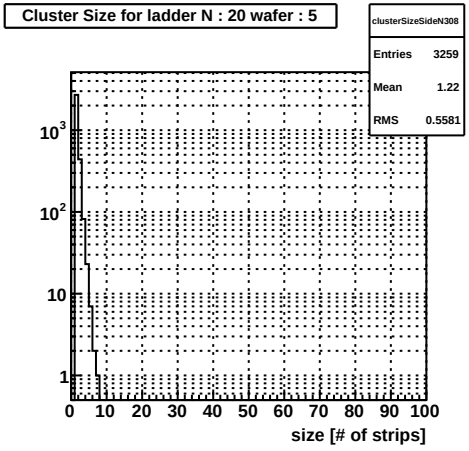

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 3042
Mean 1.164
RMS 0.5229
size [# of strips]

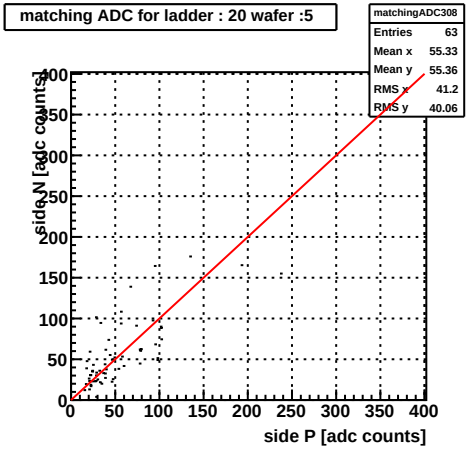

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 23
Mean x 58.3
Mean y 77.09
RMS x 46.81
RMS y 71.01
side N [adc counts]
side P [adc counts]

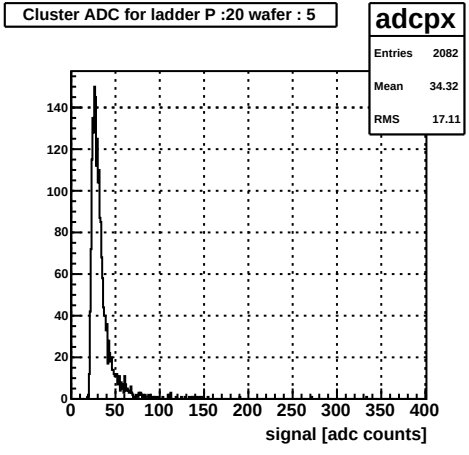

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2709
Mean 40.92
RMS 28.94
signal [adc counts]

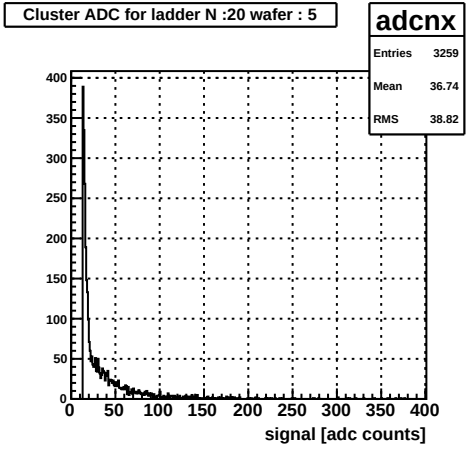

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 3042
Mean 33.7
RMS 39.77
signal [adc counts]

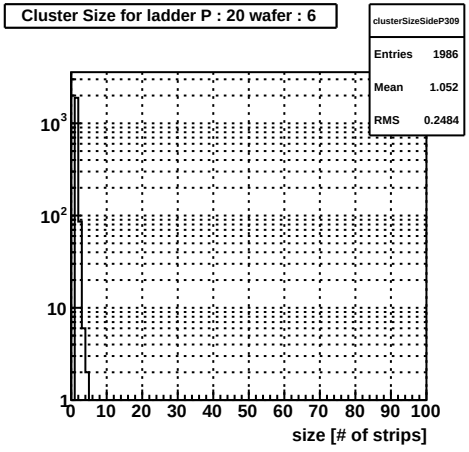

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 2082
Mean 1.051
RMS 0.2355
size [# of strips]

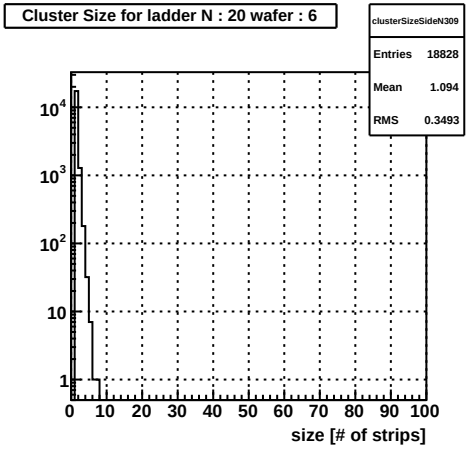

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 3259
Mean 1.22
RMS 0.5581
size [# of strips]

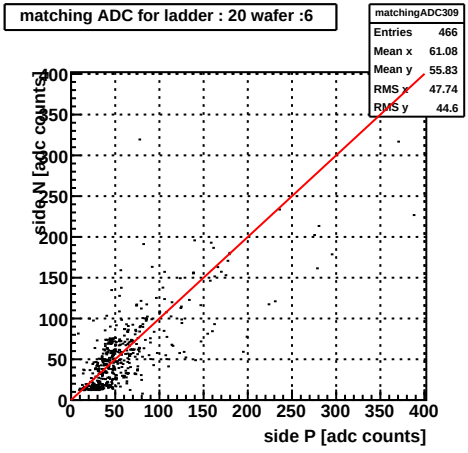

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 63
Mean x 55.33
Mean y 55.36
RMS x 41.2
RMS y 40.06
side N [adc counts]
side P [adc counts]

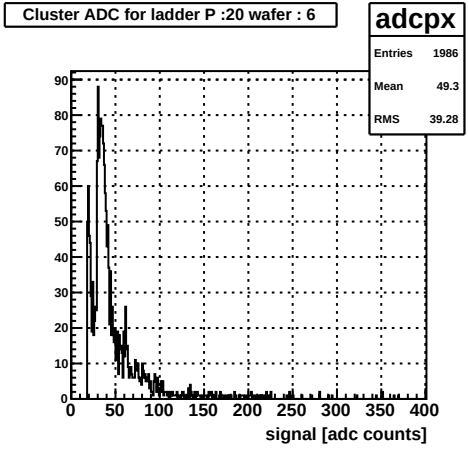

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 2082
Mean 34.32
RMS 17.11
signal [adc counts]

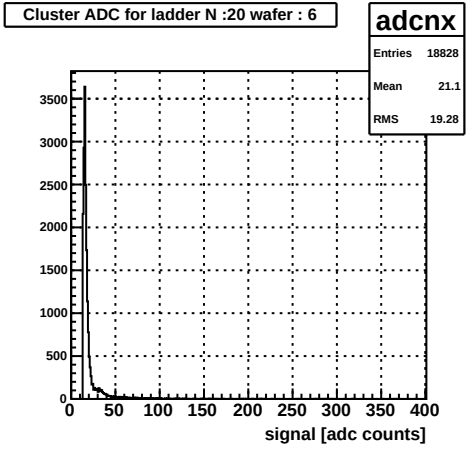

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 3259
Mean 36.74
RMS 38.82
signal [adc counts]

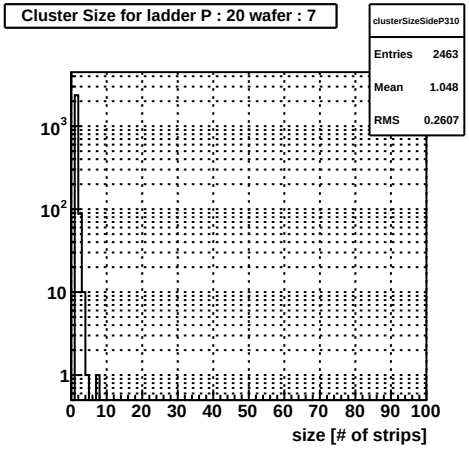

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1986
Mean 1.052
RMS 0.2484
size [# of strips]

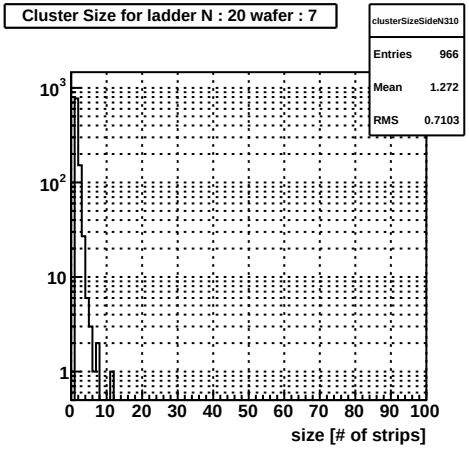

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 18828
Mean 1.094
RMS 0.3493
size [# of strips]

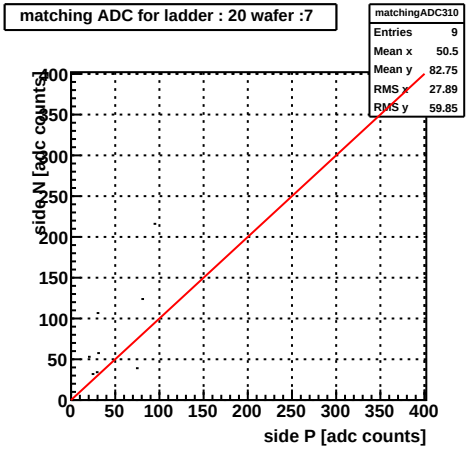

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 466
Mean x 61.08
Mean y 55.83
RMS x 47.74
RMS y 44.6
side N [adc counts]
side P [adc counts]

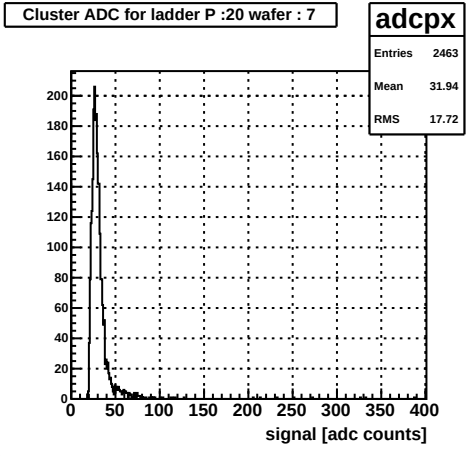

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1986
Mean 49.3
RMS 39.28
signal [adc counts]

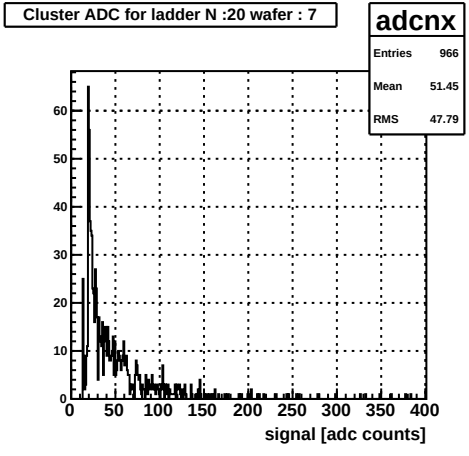

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 18828
Mean 21.1
RMS 19.28
signal [adc counts]

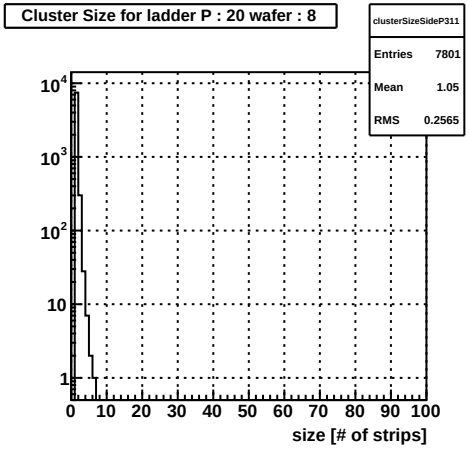

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 2463
Mean 1.048
RMS 0.2607
size [# of strips]

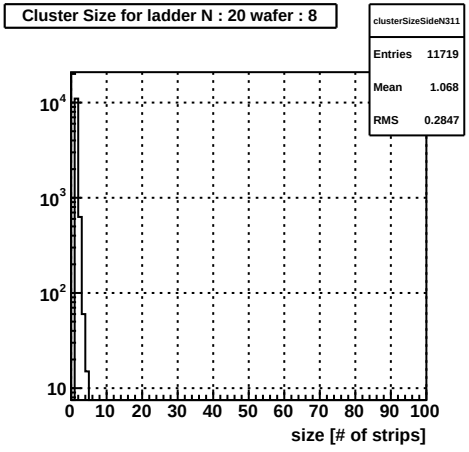

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 966
Mean 1.272
RMS 0.7103
size [# of strips]

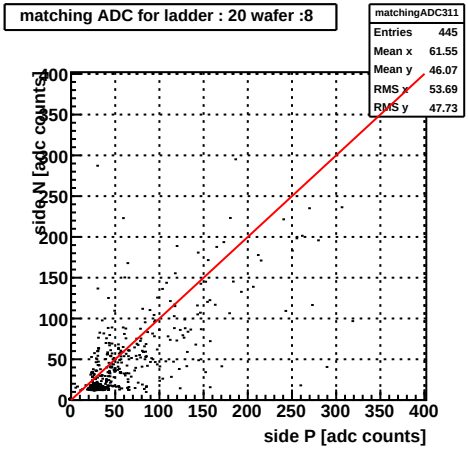

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 9
Mean x 50.5
Mean y 82.75
RMS x 27.89
RMS y 59.85
side N [adc counts]
side P [adc counts]

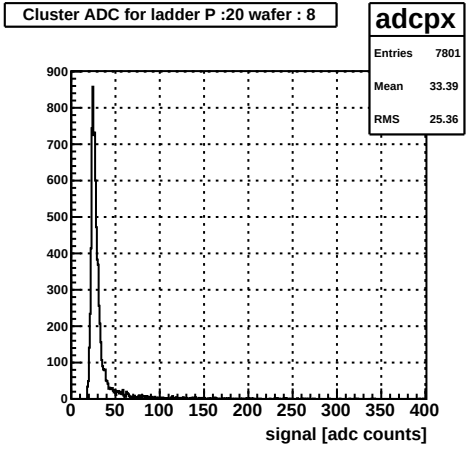

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 2463
Mean 31.94
RMS 17.72
signal [adc counts]

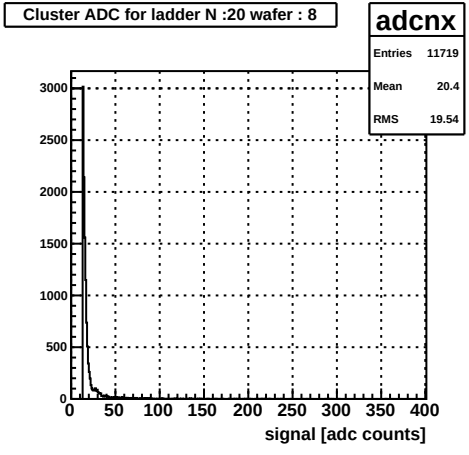

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 966
Mean 51.45
RMS 47.79
signal [adc counts]

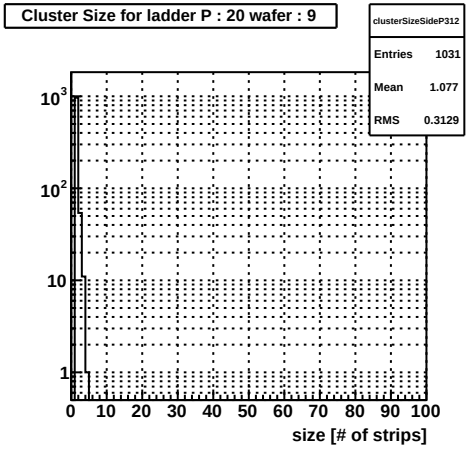

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 7801
Mean 1.05
RMS 0.2565
size [# of strips]

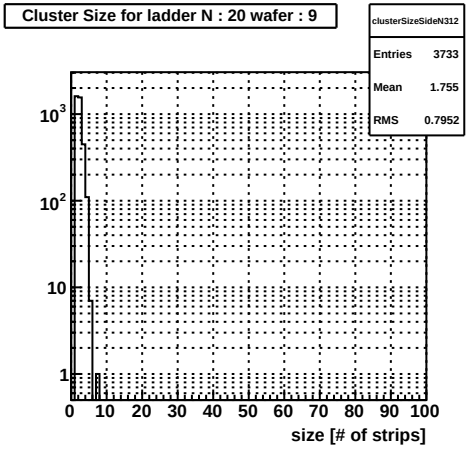

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 11719
Mean 1.068
RMS 0.2847
size [# of strips]

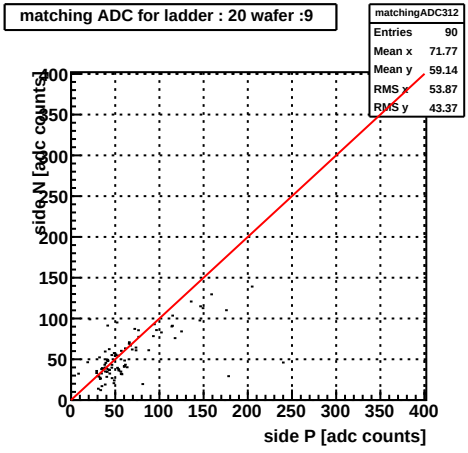

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 445
Mean x 61.55
Mean y 46.07
RMS x 53.69
RMS y 47.73
side N [adc counts]
side P [adc counts]

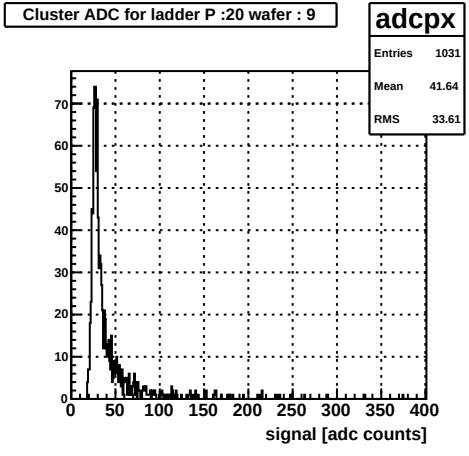

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 7801
Mean 33.39
RMS 25.36
signal [adc counts]

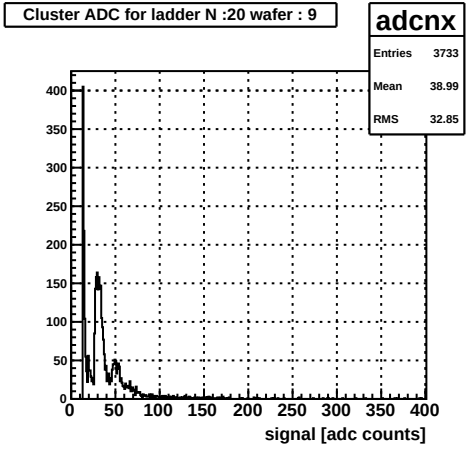

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 11719
Mean 20.4
RMS 19.54
signal [adc counts]

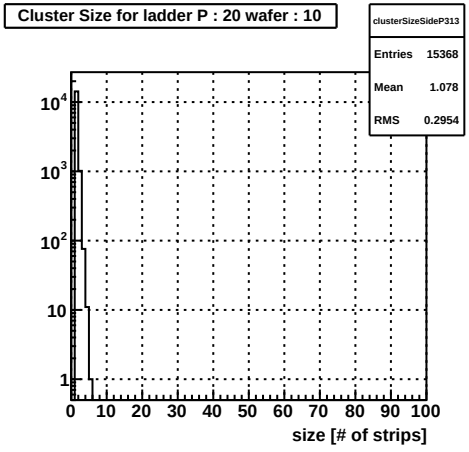

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1031
Mean 1.077
RMS 0.3129
size [# of strips]

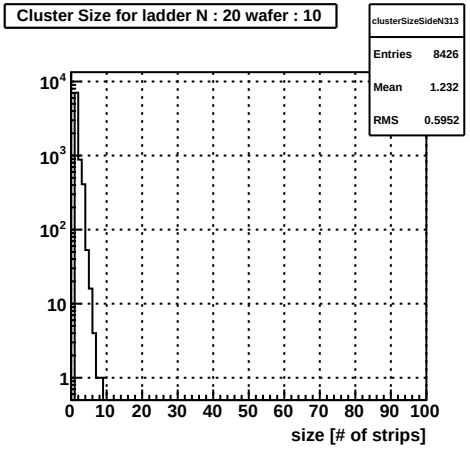

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 3733
Mean 1.755
RMS 0.7952
size [# of strips]

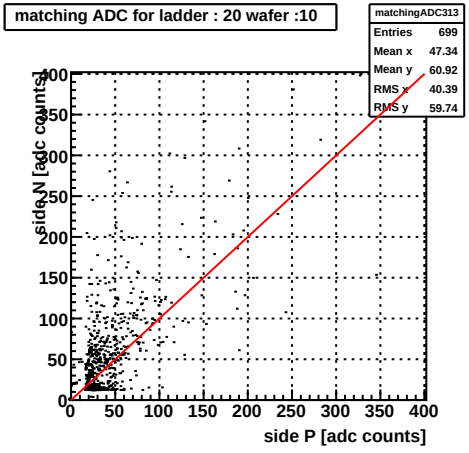

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 90
Mean x 71.77
Mean y 59.14
RMS x 53.87
RMS y 43.37
side N [adc counts]
side P [adc counts]

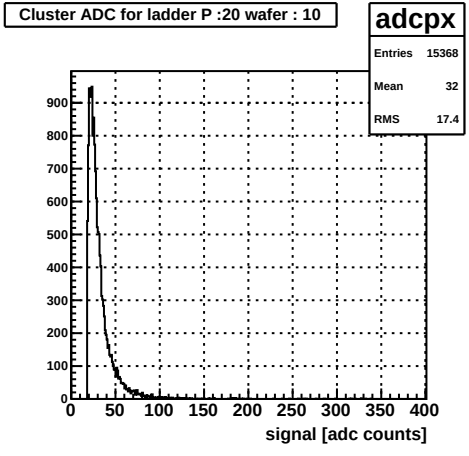

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1031
Mean 41.64
RMS 33.61
signal [adc counts]

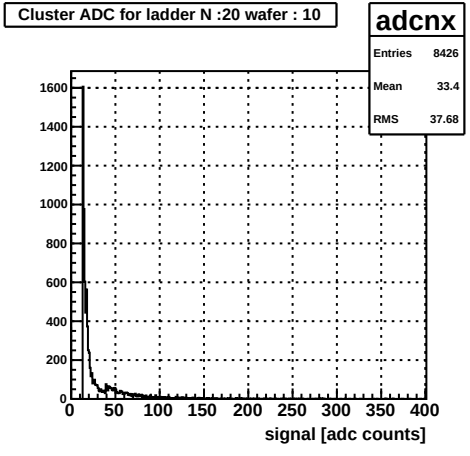

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 3733
Mean 38.99
RMS 32.85
signal [adc counts]

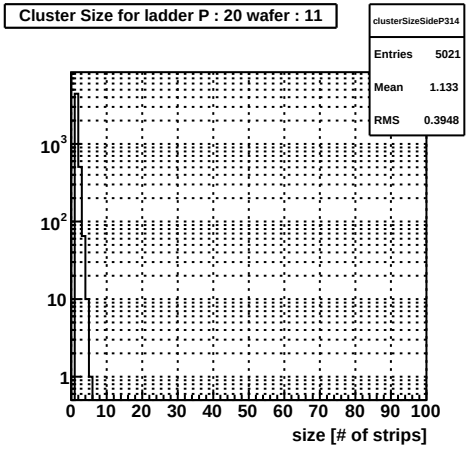

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 15368
Mean 1.078
RMS 0.2954
size [# of strips]

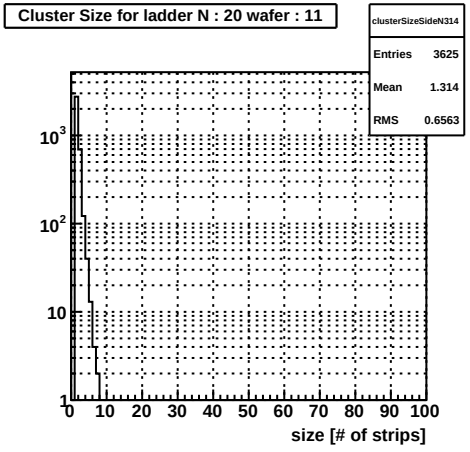

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 8426
Mean 1.232
RMS 0.5952
size [# of strips]

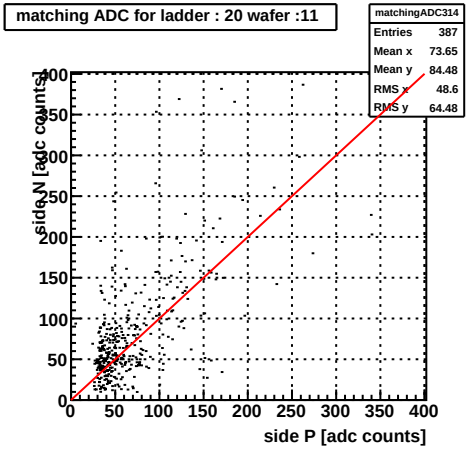

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 699
Mean x 47.34
Mean y 60.92
RMS x 40.39
RMS y 59.74
side N [adc counts]
side P [adc counts]

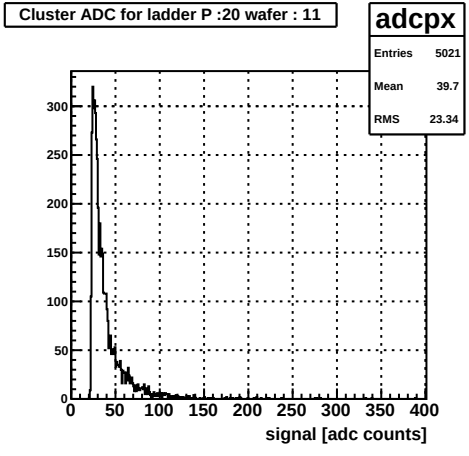

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 15368
Mean 32
RMS 17.4
signal [adc counts]

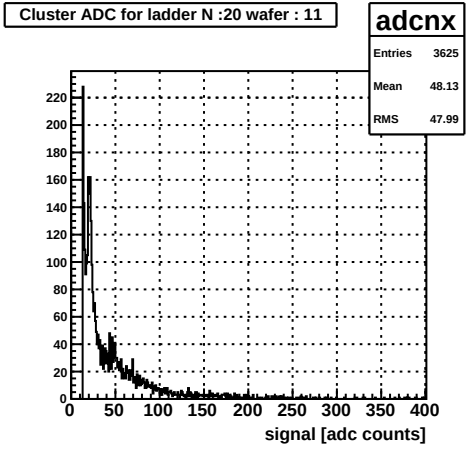

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 8426
Mean 33.4
RMS 37.68
signal [adc counts]

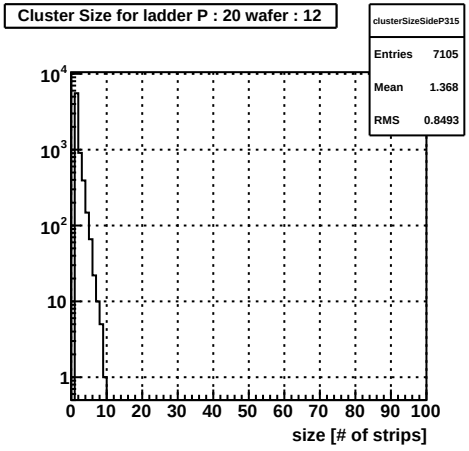

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 5021
Mean 1.133
RMS 0.3948
size [# of strips]

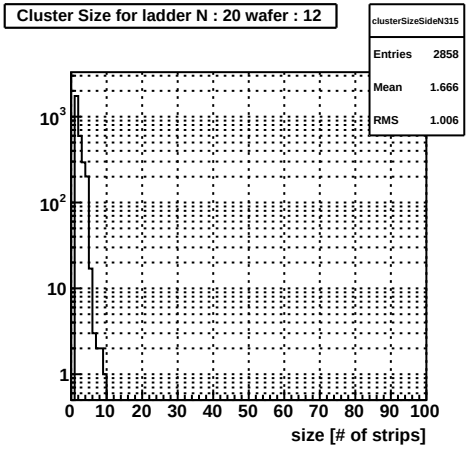

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3625
Mean 1.314
RMS 0.6563
size [# of strips]

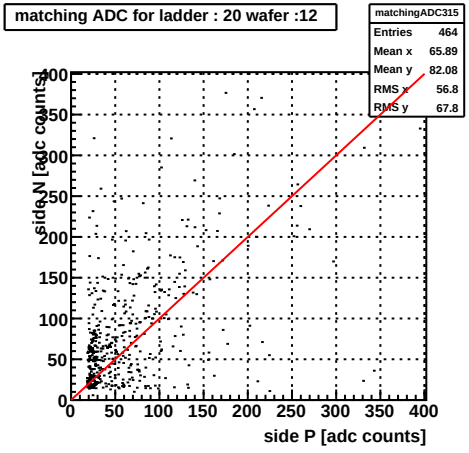

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 387
Mean x 73.65
Mean y 84.48
RMS x 48.6
RMS y 64.48
side N [adc counts]
side P [adc counts]

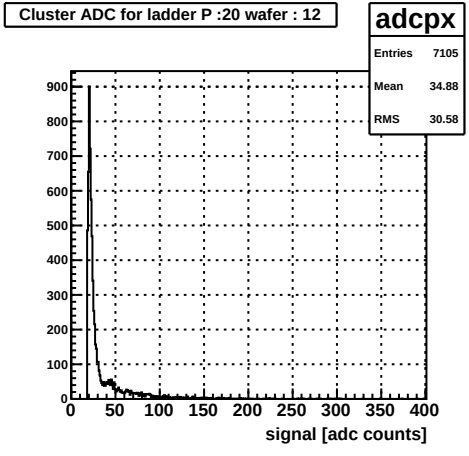

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 5021
Mean 39.7
RMS 23.34
signal [adc counts]

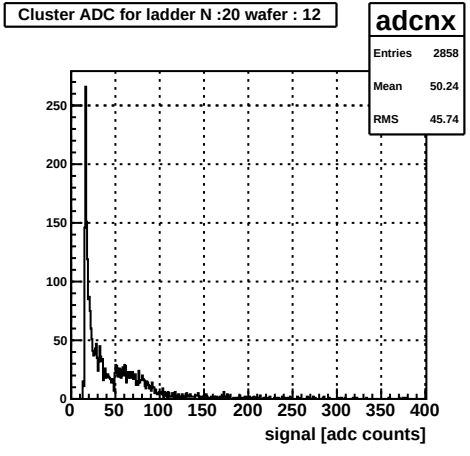

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3625
Mean 48.13
RMS 47.99
signal [adc counts]

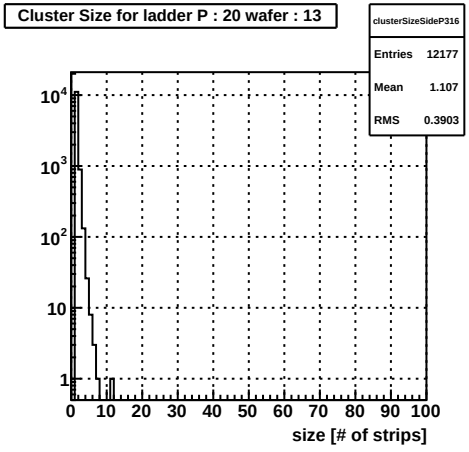

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 7105
Mean 1.368
RMS 0.8493
size [# of strips]

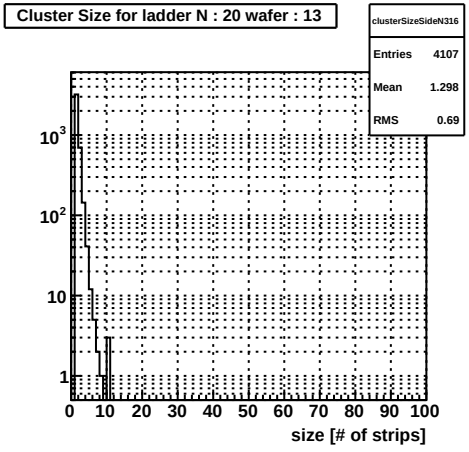

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2858
Mean 1.666
RMS 1.006
size [# of strips]

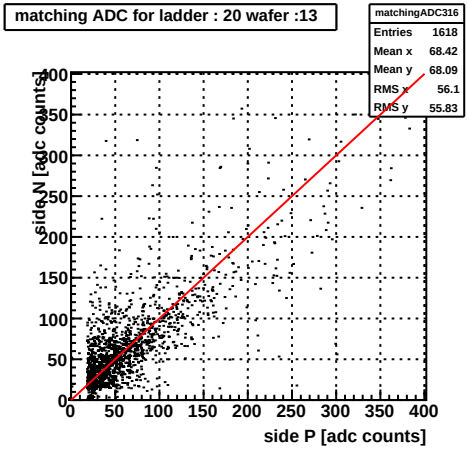

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 464
Mean x 65.89
Mean y 82.08
RMS x 56.8
RMS y 67.8
side N [adc counts]
side P [adc counts]

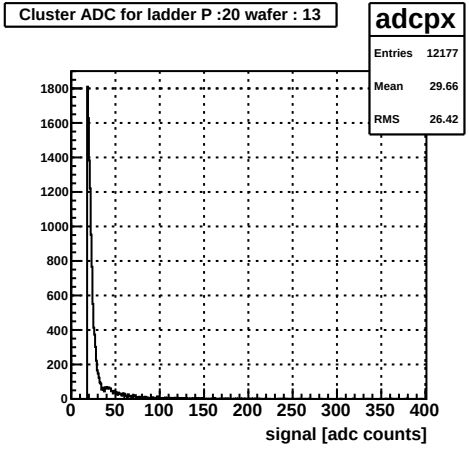

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 7105
Mean 34.88
RMS 30.58
signal [adc counts]

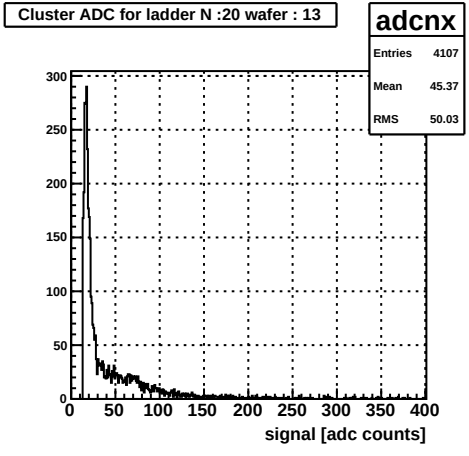

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2858
Mean 50.24
RMS 45.74
signal [adc counts]

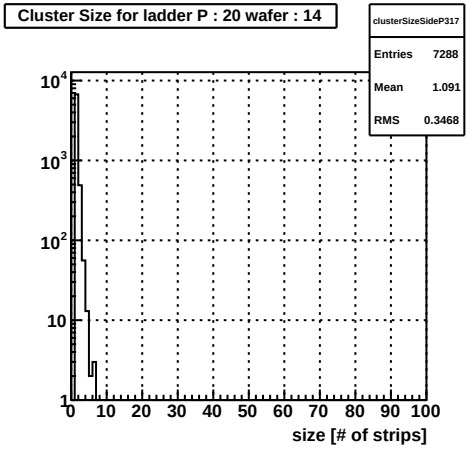

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 12177
Mean 1.107
RMS 0.3903
size [# of strips]

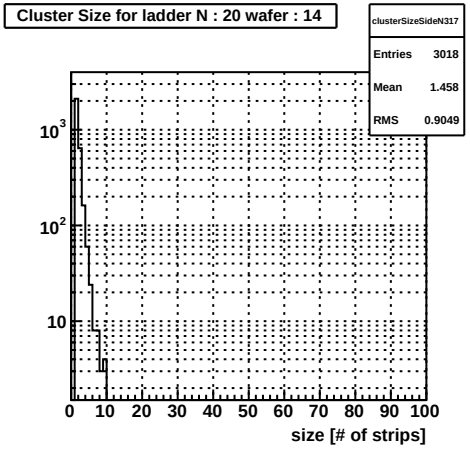

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4107
Mean 1.298
RMS 0.69
size [# of strips]

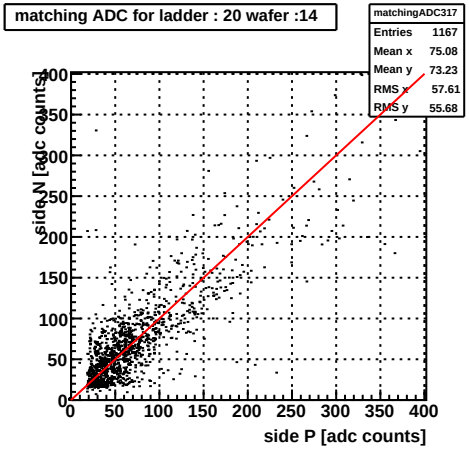

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1618
Mean x 68.42
Mean y 68.09
RMS x 56.1
RMS y 55.83
side N [adc counts]
side P [adc counts]

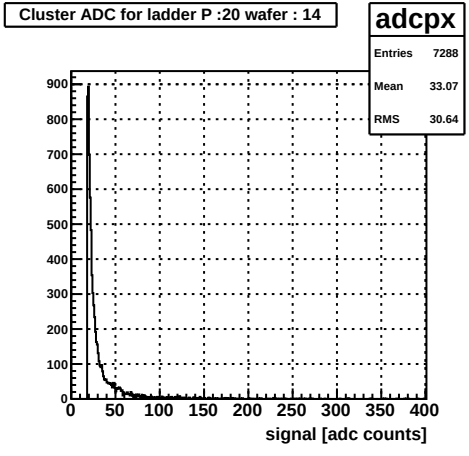

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 12177
Mean 29.66
RMS 26.42
signal [adc counts]

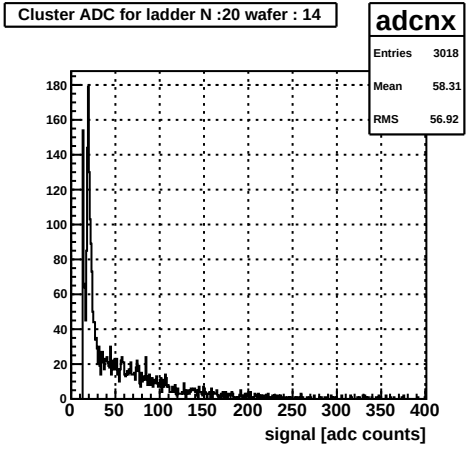

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4107
Mean 45.37
RMS 50.03
signal [adc counts]

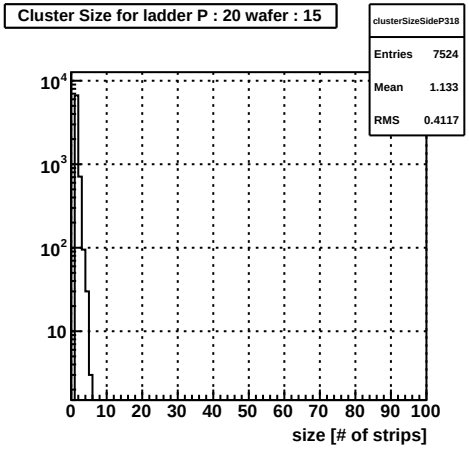

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 7288
Mean 1.091
RMS 0.3468
size [# of strips]

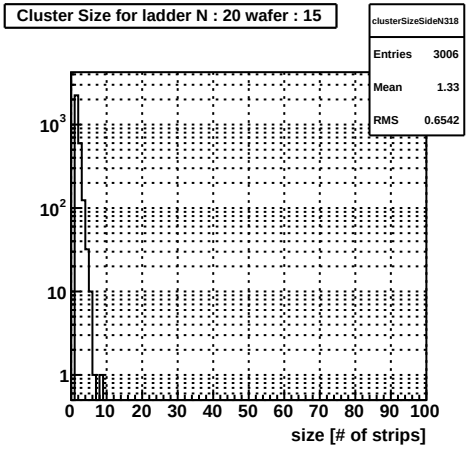

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 3018
Mean 1.458
RMS 0.9049
size [# of strips]

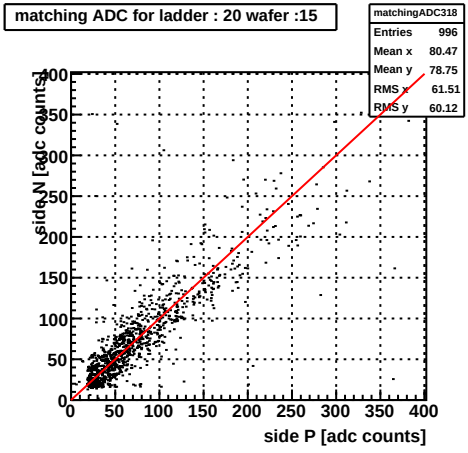

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 1167
Mean x 75.08
Mean y 73.23
RMS x 57.61
RMS y 55.68
side N [adc counts]
side P [adc counts]

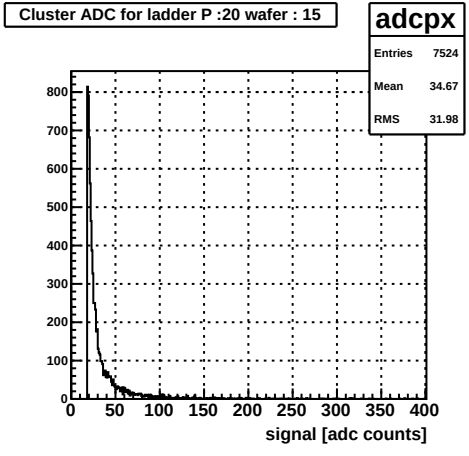

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 7288
Mean 33.07
RMS 30.64
signal [adc counts]

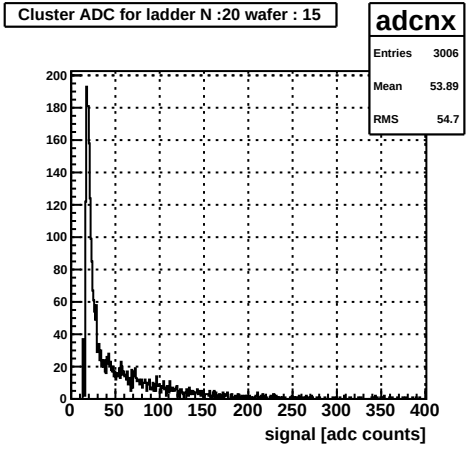

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 3018
Mean 58.31
RMS 56.92
signal [adc counts]

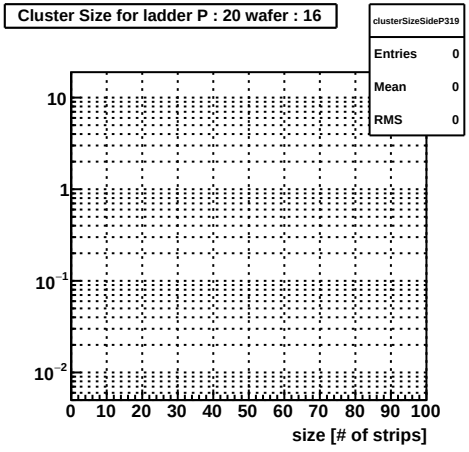

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 7524
Mean 1.133
RMS 0.4117
size [# of strips]

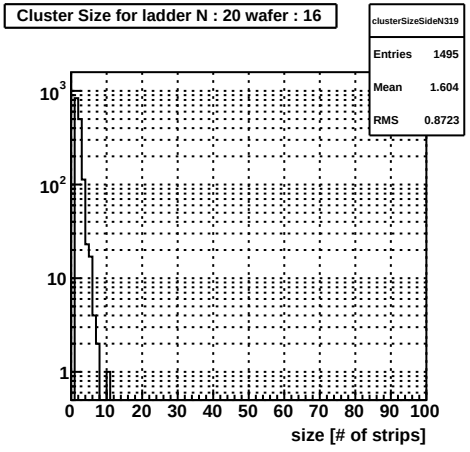

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 3006
Mean 1.33
RMS 0.6542
size [# of strips]

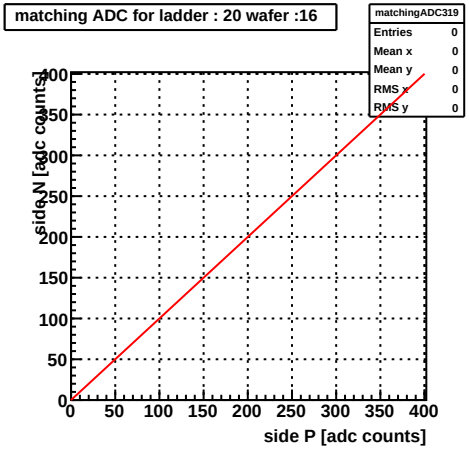

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 996
Mean x 80.47
Mean y 78.75
RMS x 61.51
RMS y 60.12
side N [adc counts]
side P [adc counts]

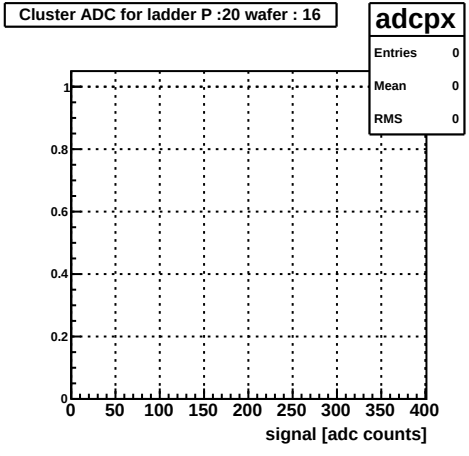

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 7524
Mean 34.67
RMS 31.98
signal [adc counts]

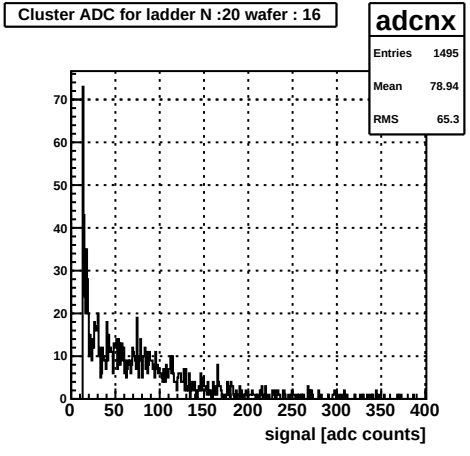

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 3006
Mean 53.89
RMS 54.7
signal [adc counts]

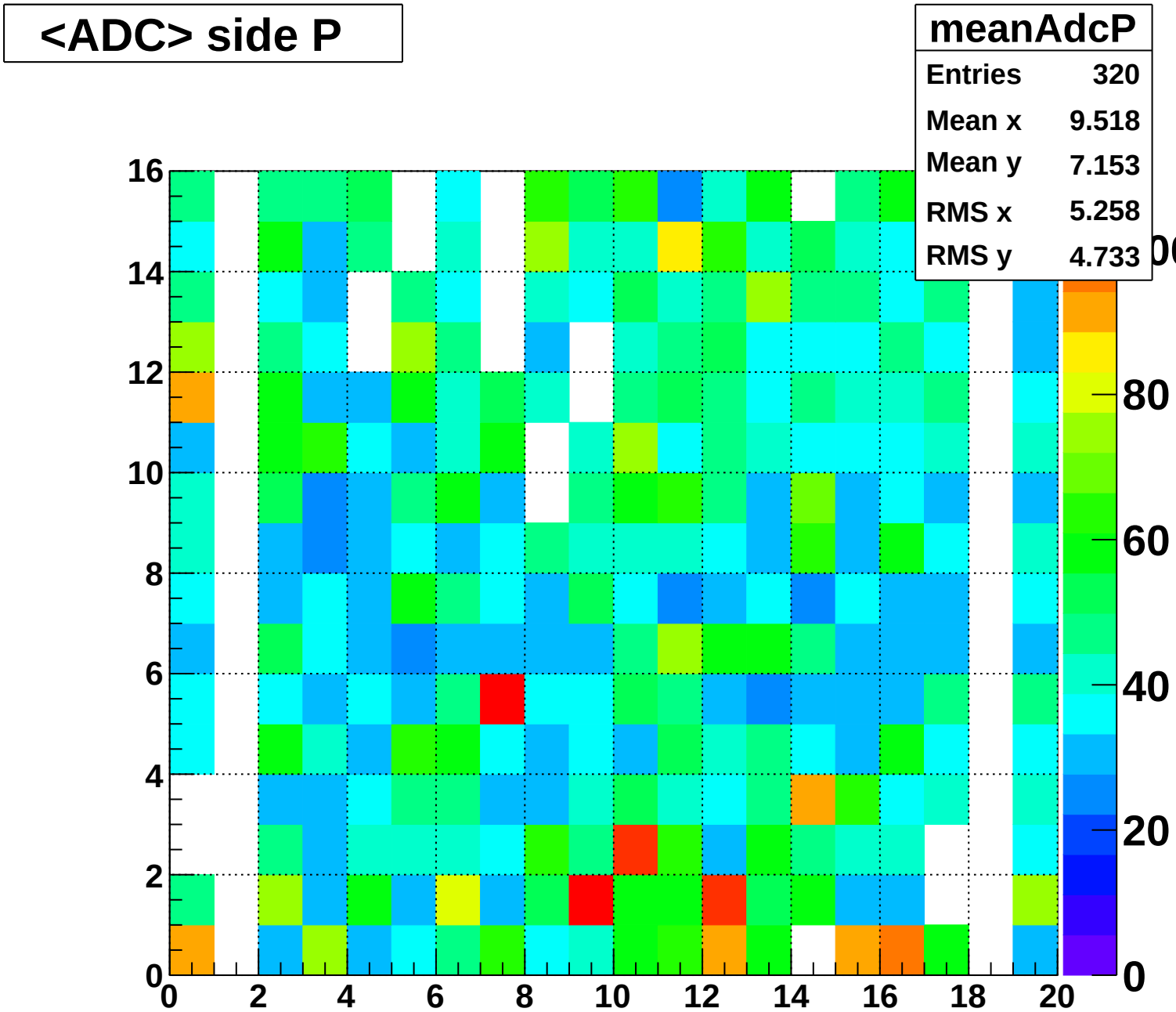

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 0
Mean 0
RMS 0
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 1495
Mean 1.604
RMS 0.8723
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 1495
Mean 78.94
RMS 65.3
signal [adc counts]



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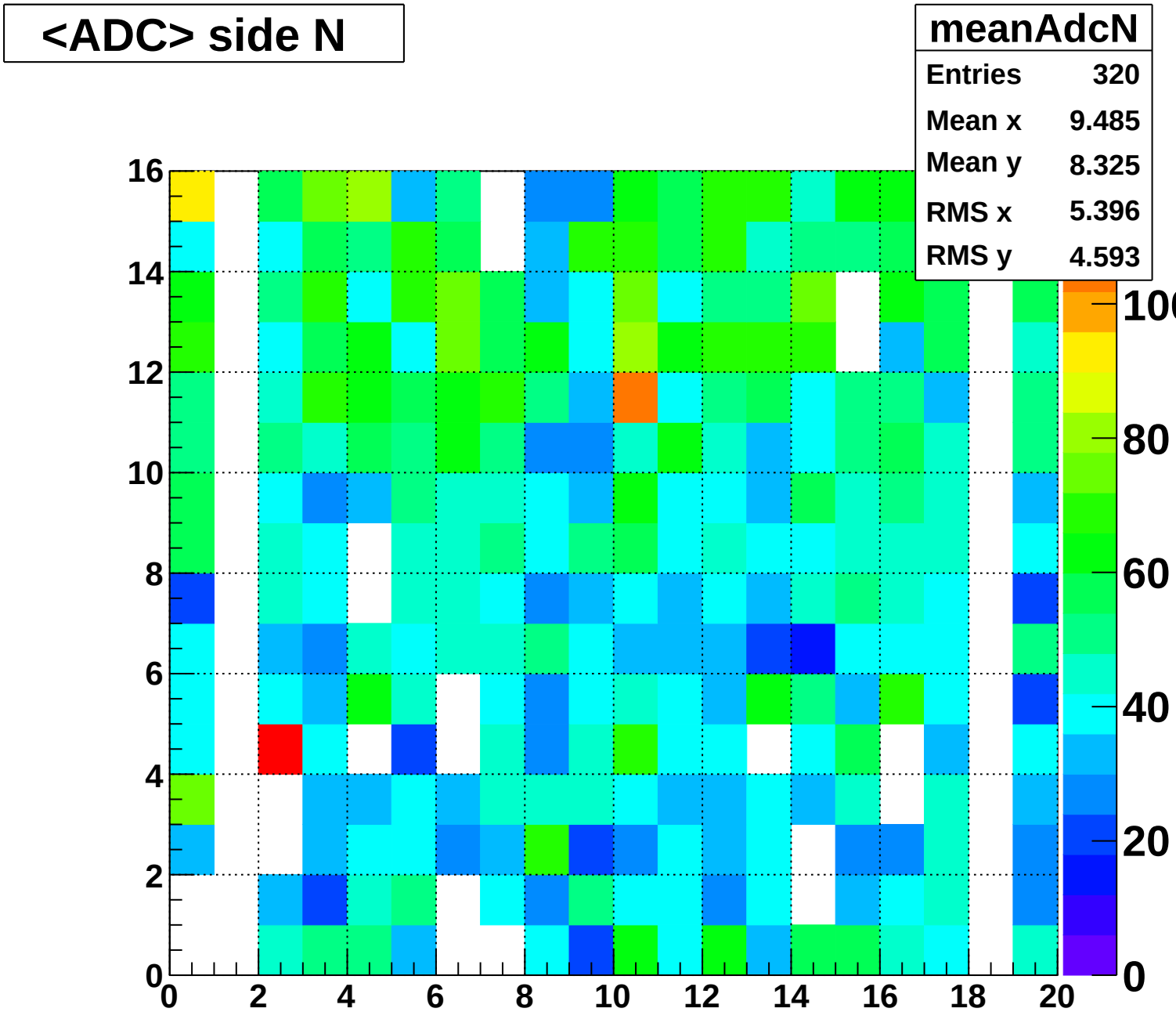

2016-05-18 10:17:38