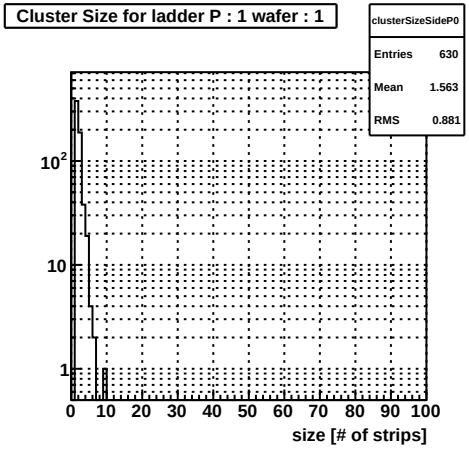
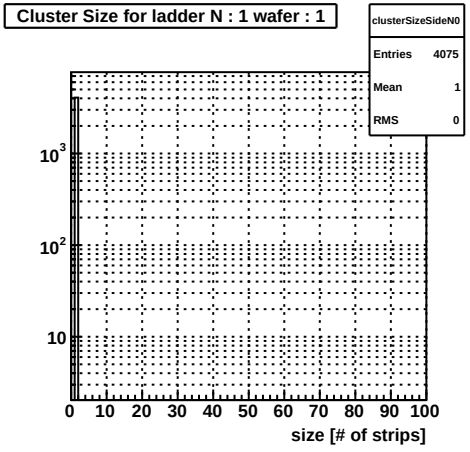
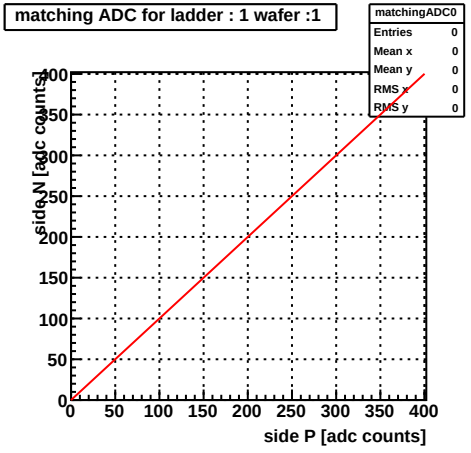
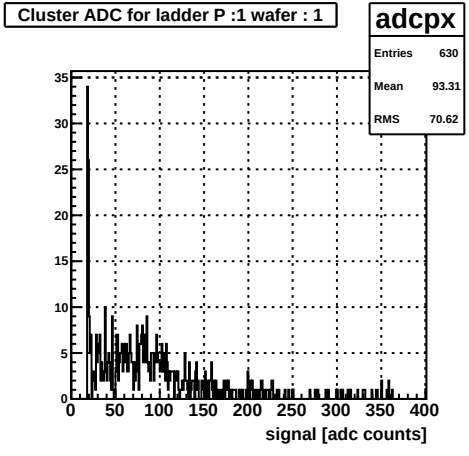
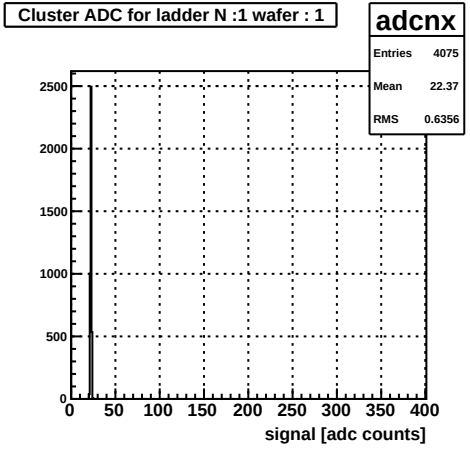
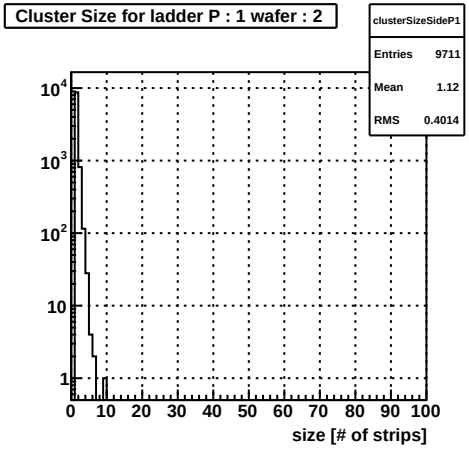

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 630
Mean 1.563
RMS 0.881
size [# of strips]

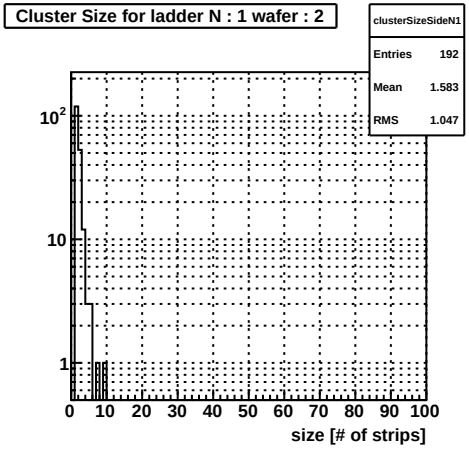

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 4075
Mean 1
RMS 0
size [# of strips]

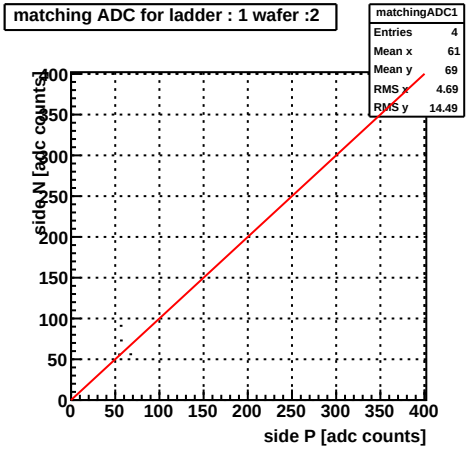

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

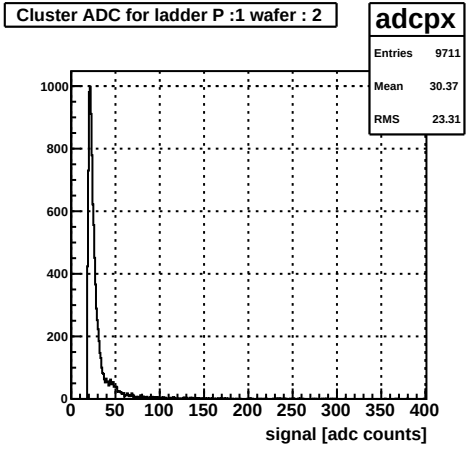

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 630
Mean 93.31
RMS 70.62
signal [adc counts]

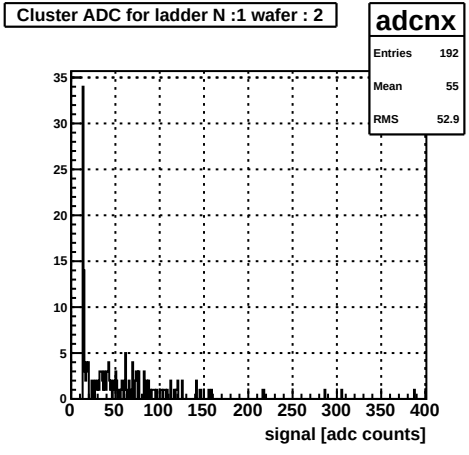

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 4075
Mean 22.37
RMS 0.6356
signal [adc counts]

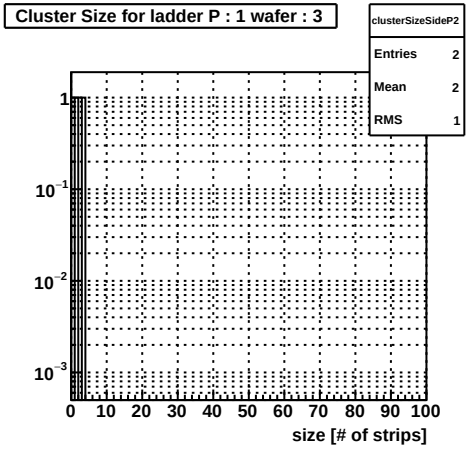

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 9711
Mean 1.12
RMS 0.4014
size [# of strips]

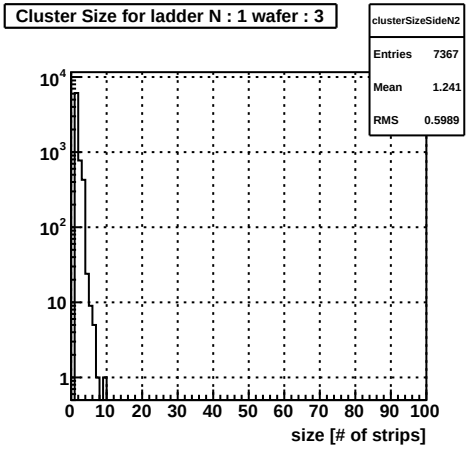

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 192
Mean 1.583
RMS 1.047
size [# of strips]

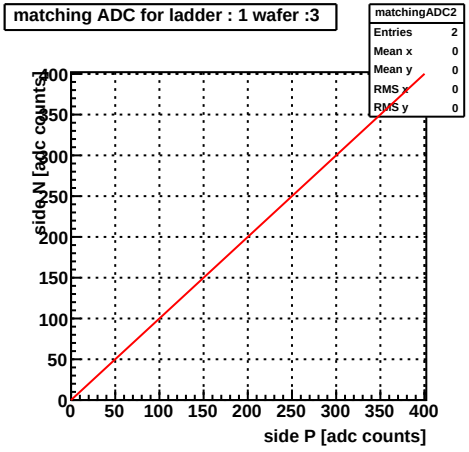

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 4
Mean x 61
Mean y 69
RMS x 4.69
RMS y 14.49
side N [adc counts]
side P [adc counts]

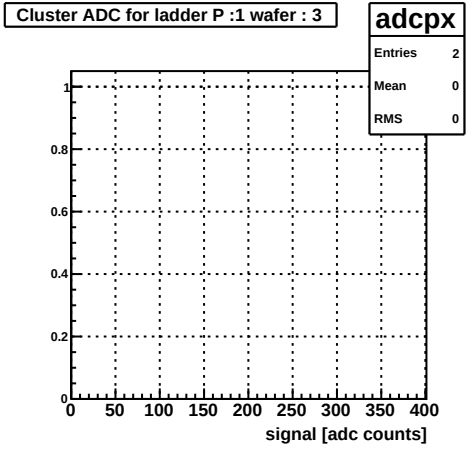

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 9711
Mean 30.37
RMS 23.31
signal [adc counts]

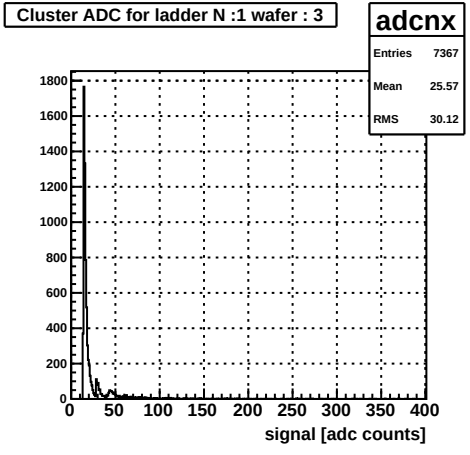

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 192
Mean 55
RMS 52.9
signal [adc counts]

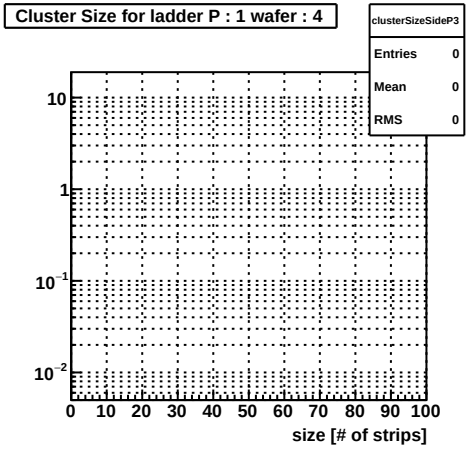

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 2
Mean 2
RMS 1
size [# of strips]

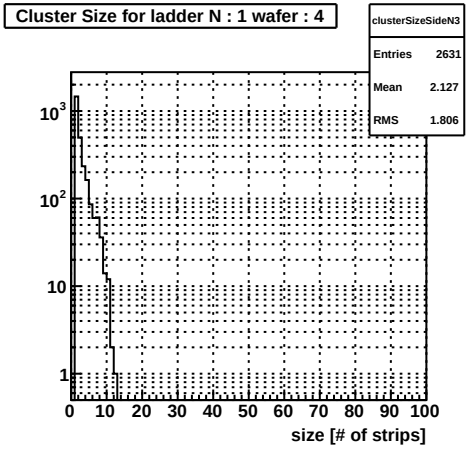

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 7367
Mean 1.241
RMS 0.5989
size [# of strips]

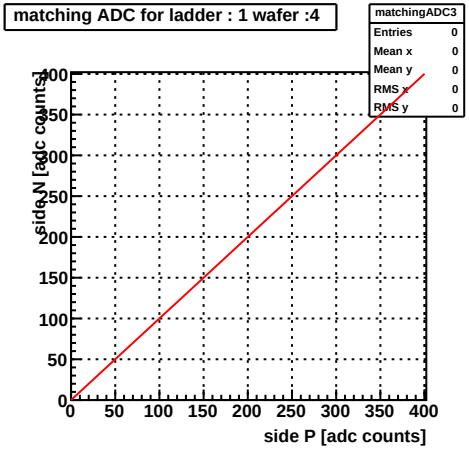

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

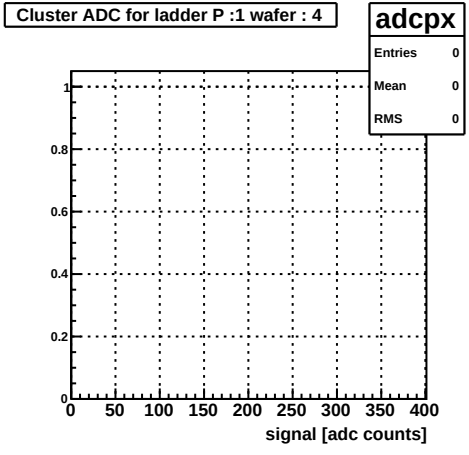

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

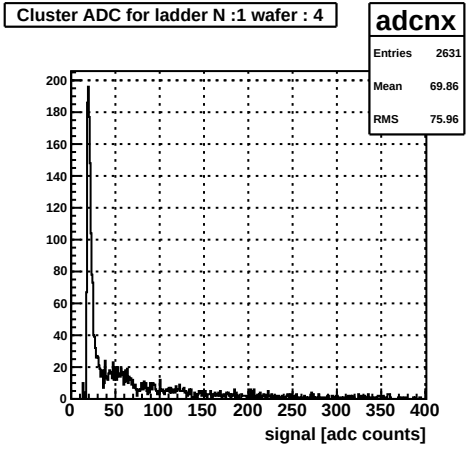

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 7367
Mean 25.57
RMS 30.12
signal [adc counts]

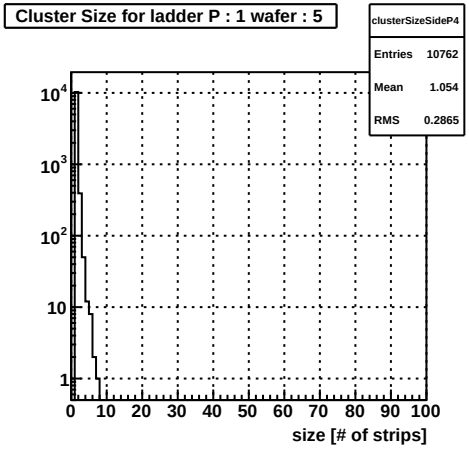

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

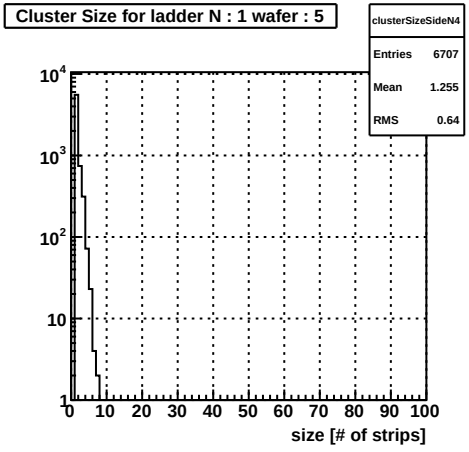

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 2631
Mean 2.127
RMS 1.806
size [# of strips]

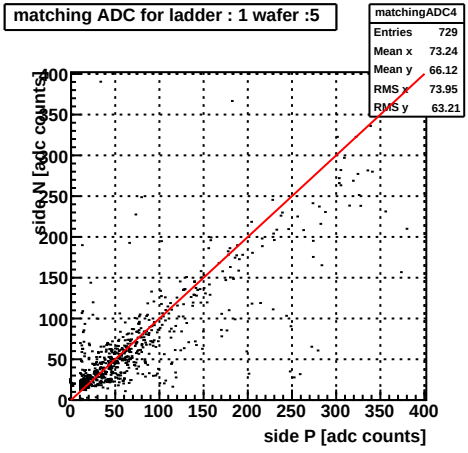

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

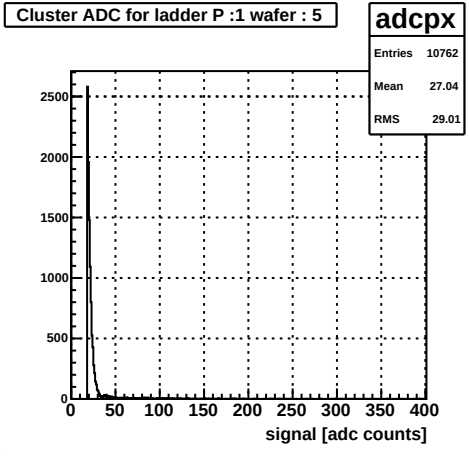

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

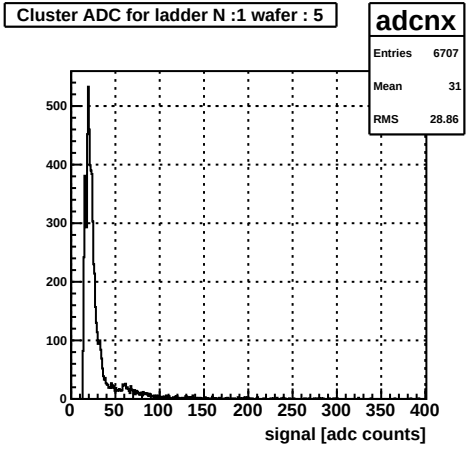

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 2631
Mean 69.86
RMS 75.96
signal [adc counts]

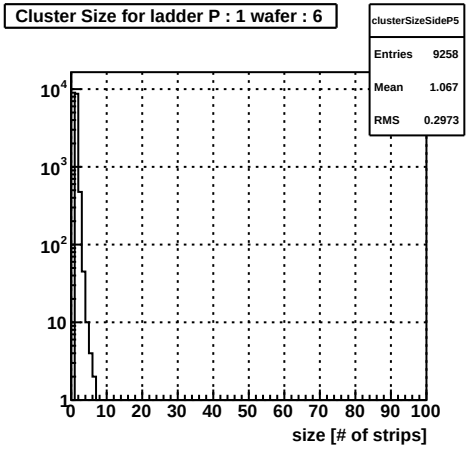

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 10762
Mean 1.054
RMS 0.2865
size [# of strips]

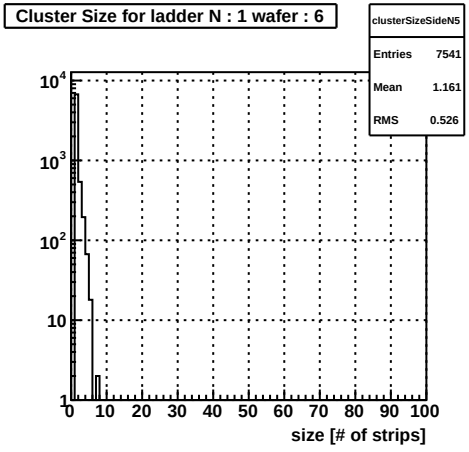

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 6707
Mean 1.255
RMS 0.64
size [# of strips]

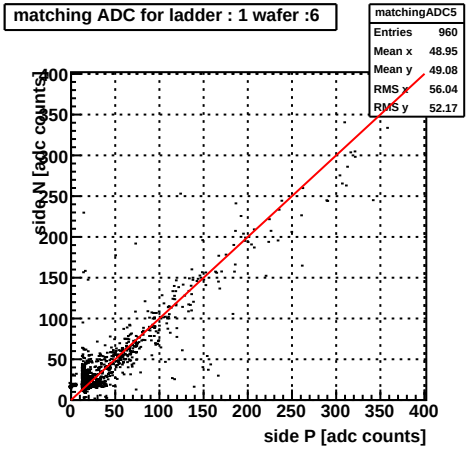

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 729
Mean x 73.24
Mean y 66.12
RMS x 73.95
RMS y 63.21
side N [adc counts]
side P [adc counts]

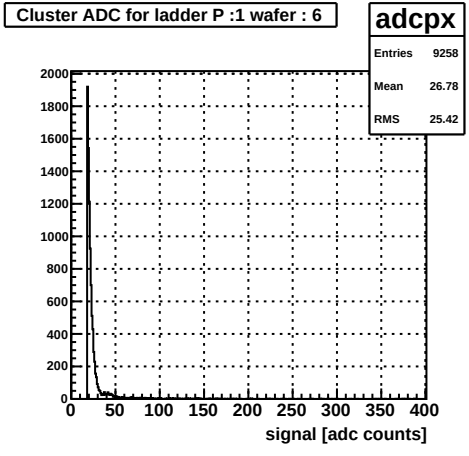

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 10762
Mean 27.04
RMS 29.01
signal [adc counts]

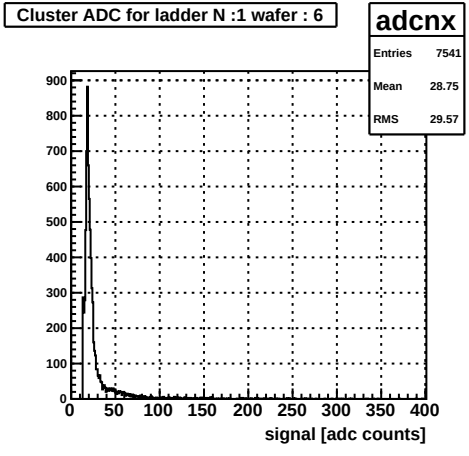

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 6707
Mean 31
RMS 28.86
signal [adc counts]

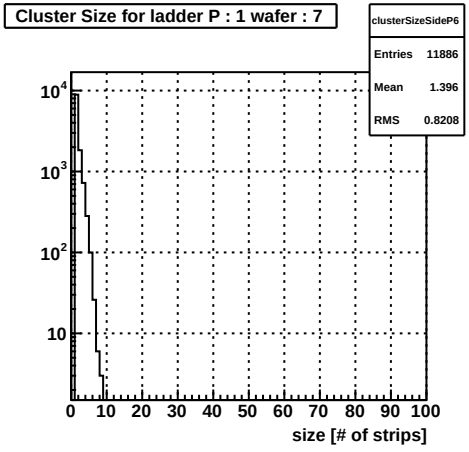

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 9258
Mean 1.067
RMS 0.2973
size [# of strips]

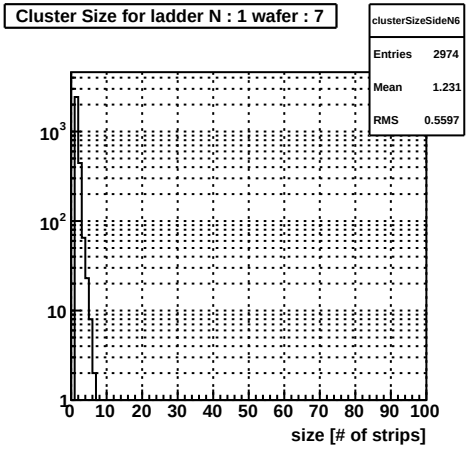

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 7541
Mean 1.161
RMS 0.526
size [# of strips]

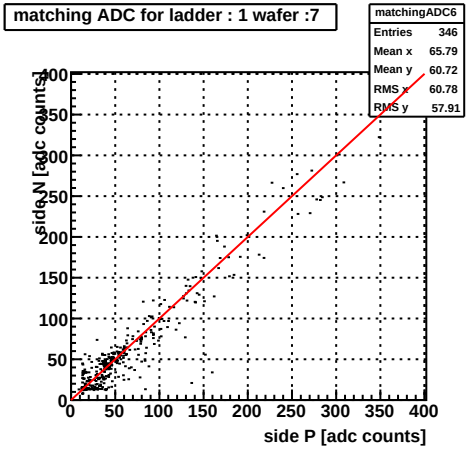

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 960
Mean x 48.95
Mean y 49.08
RMS x 56.04
RMS y 52.17
side N [adc counts]
side P [adc counts]

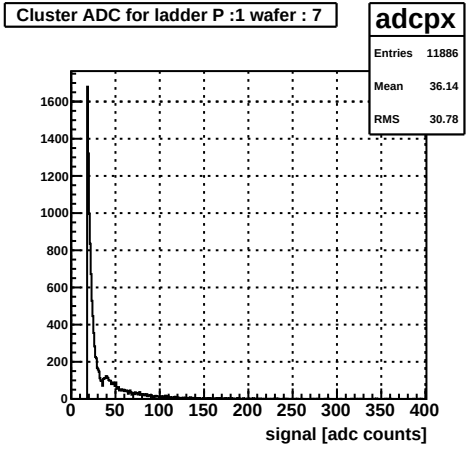

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 9258
Mean 26.78
RMS 25.42
signal [adc counts]

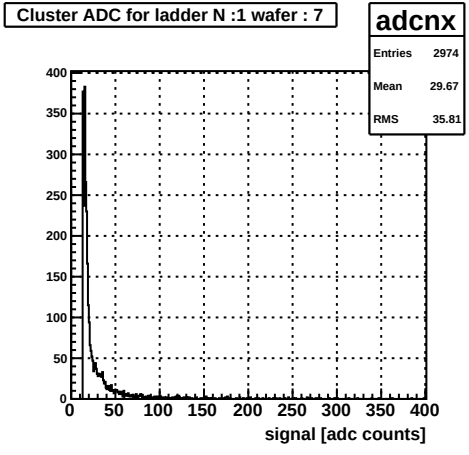

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 7541
Mean 28.75
RMS 29.57
signal [adc counts]

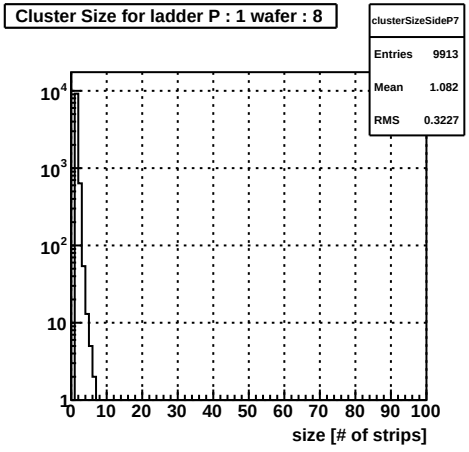

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 11886
Mean 1.396
RMS 0.8208
size [# of strips]

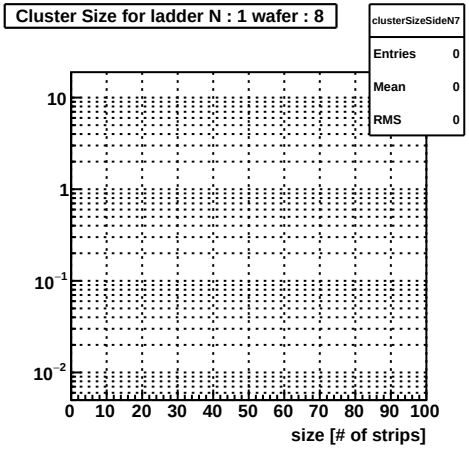

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2974
Mean 1.231
RMS 0.5597
size [# of strips]

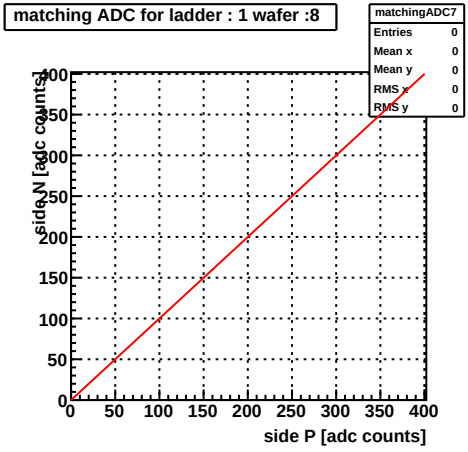

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 346
Mean x 65.79
Mean y 60.72
RMS x 60.78
RMS y 57.91
side N [adc counts]
side P [adc counts]

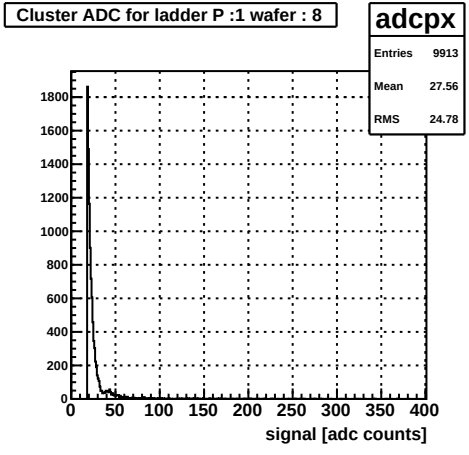

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 11886
Mean 36.14
RMS 30.78
signal [adc counts]

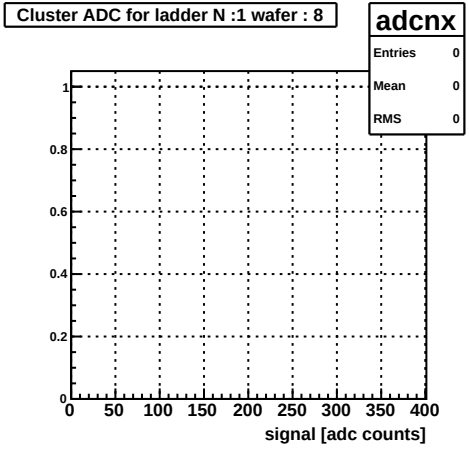

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2974
Mean 29.67
RMS 35.81
signal [adc counts]

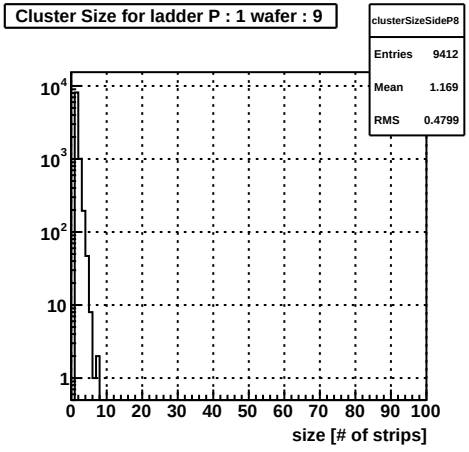

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 9913
Mean 1.082
RMS 0.3227
size [# of strips]

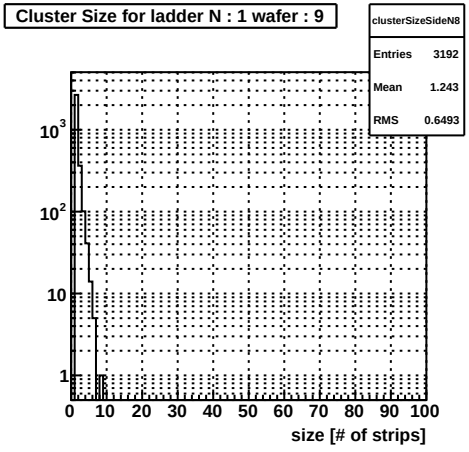

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 0
Mean 0
RMS 0
size [# of strips]

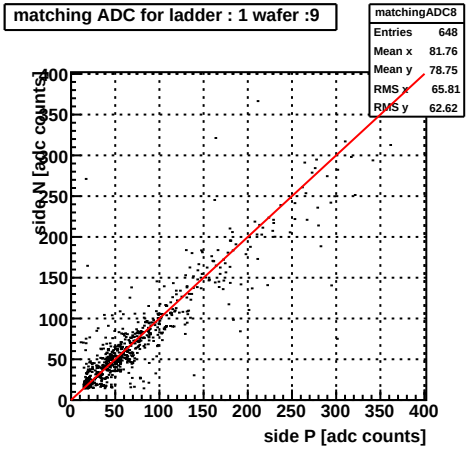

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

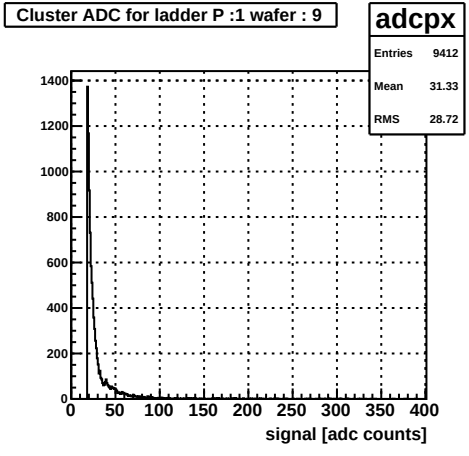

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 9913
Mean 27.56
RMS 24.78
signal [adc counts]

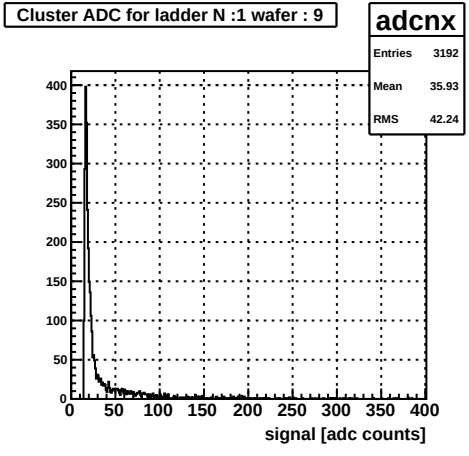

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

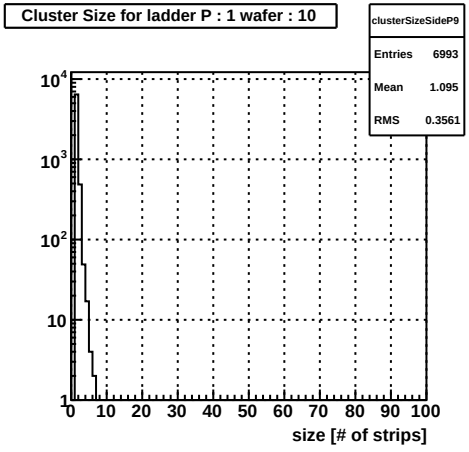

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 9412
Mean 1.169
RMS 0.4799
size [# of strips]

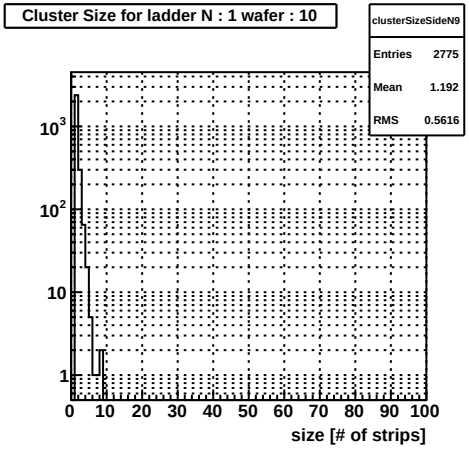

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 3192
Mean 1.243
RMS 0.6493
size [# of strips]

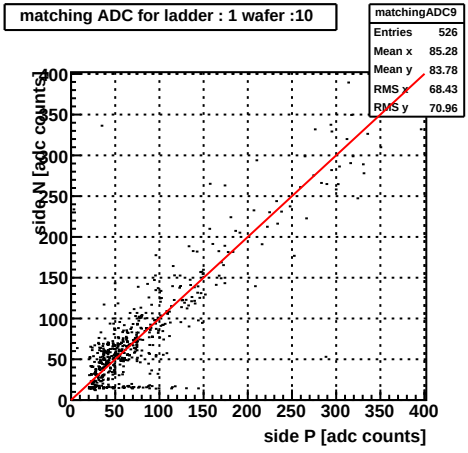

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 648
Mean x 81.76
Mean y 78.75
RMS x 65.81
RMS y 62.62
side N [adc counts]
side P [adc counts]

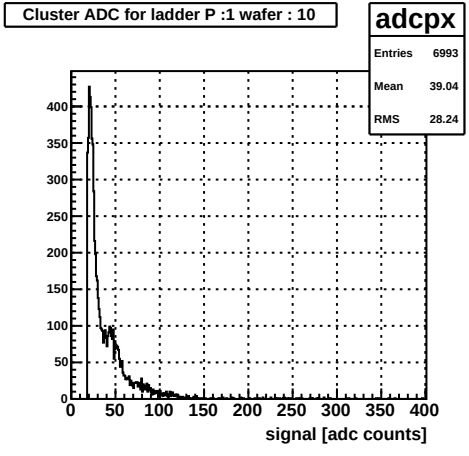

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 9412
Mean 31.33
RMS 28.72
signal [adc counts]

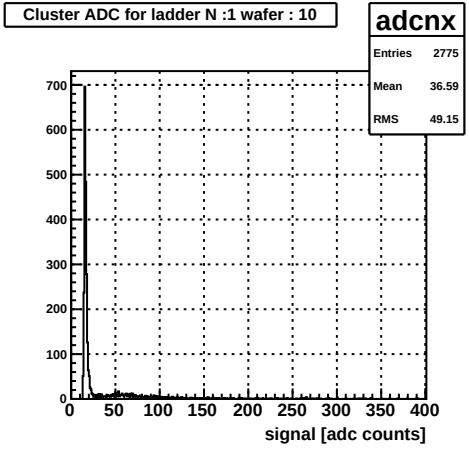

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 3192
Mean 35.93
RMS 42.24
signal [adc counts]

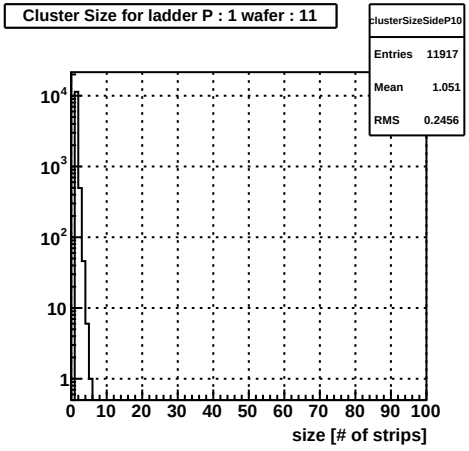

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 6993
Mean 1.095
RMS 0.3561
size [# of strips]

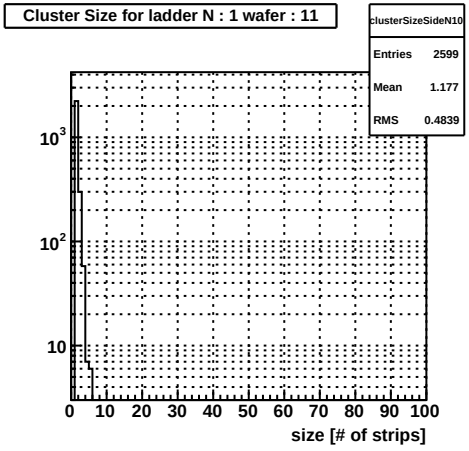

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 2775
Mean 1.192
RMS 0.5616
size [# of strips]

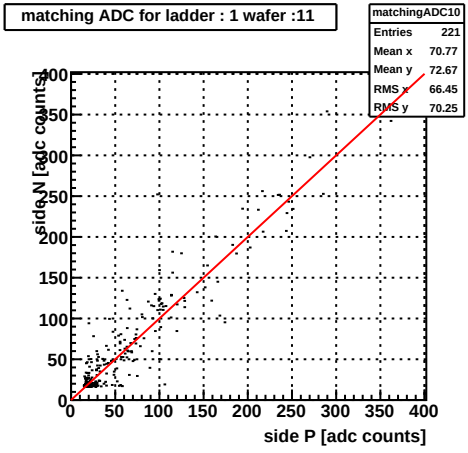

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 526
Mean x 85.28
Mean y 83.78
RMS x 68.43
RMS y 70.96
side N [adc counts]
side P [adc counts]

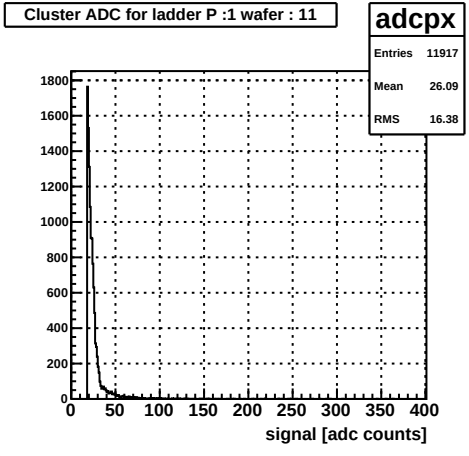

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 6993
Mean 39.04
RMS 28.24
signal [adc counts]

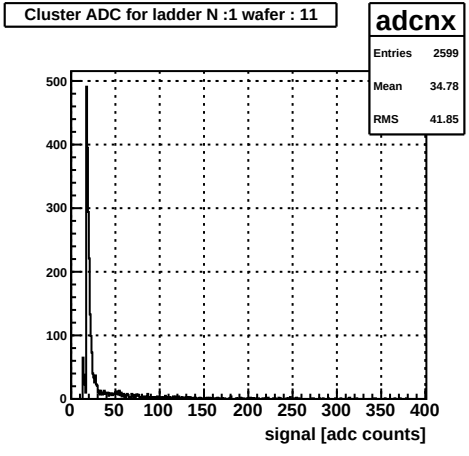

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 2775
Mean 36.59
RMS 49.15
signal [adc counts]

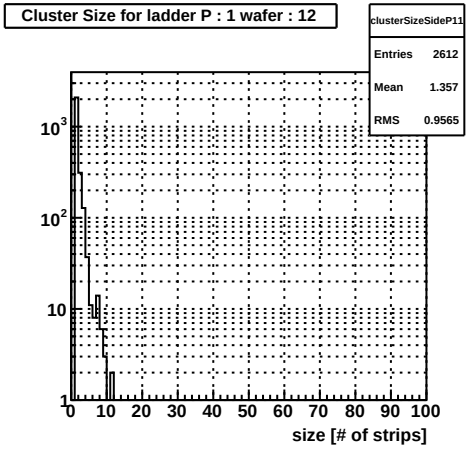

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 11917
Mean 1.051
RMS 0.2456
size [# of strips]

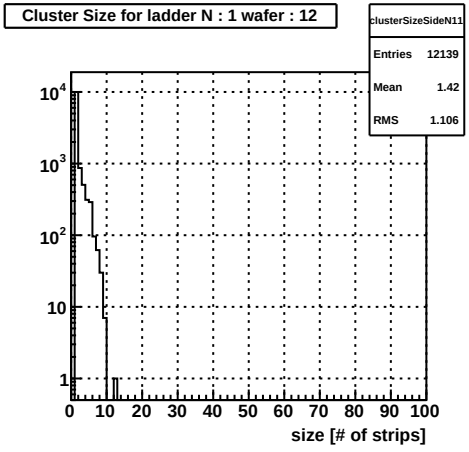

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2599
Mean 1.177
RMS 0.4839
size [# of strips]

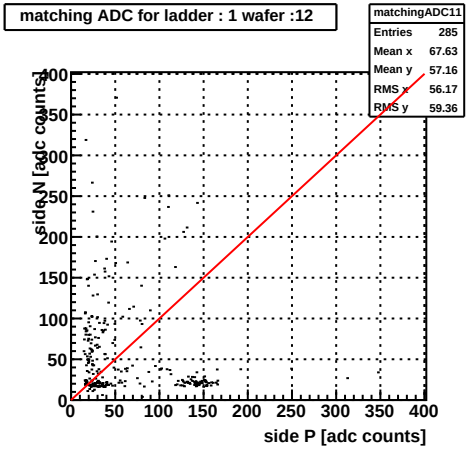

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 221
Mean x 70.77
Mean y 72.67
RMS x 66.45
RMS y 70.25
side N [adc counts]
side P [adc counts]

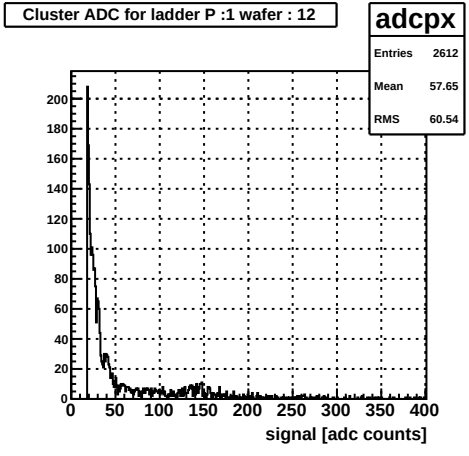

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 11917
Mean 26.09
RMS 16.38
signal [adc counts]

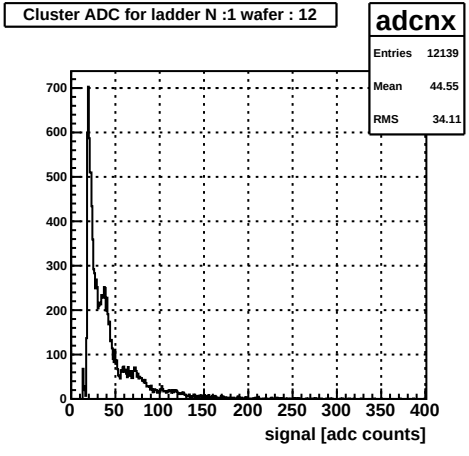

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2599
Mean 34.78
RMS 41.85
signal [adc counts]

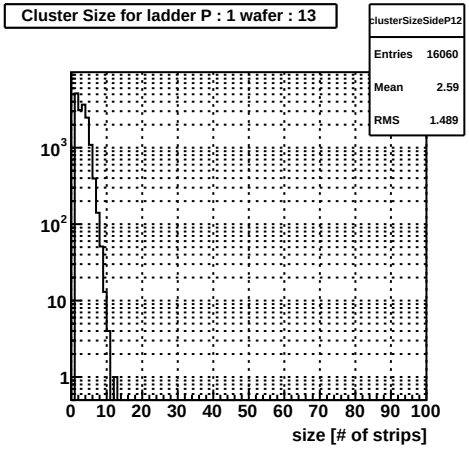

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2612
Mean 1.357
RMS 0.9565
size [# of strips]

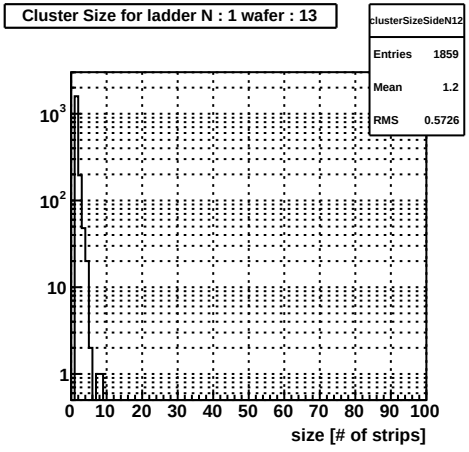

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 12139
Mean 1.42
RMS 1.106
size [# of strips]

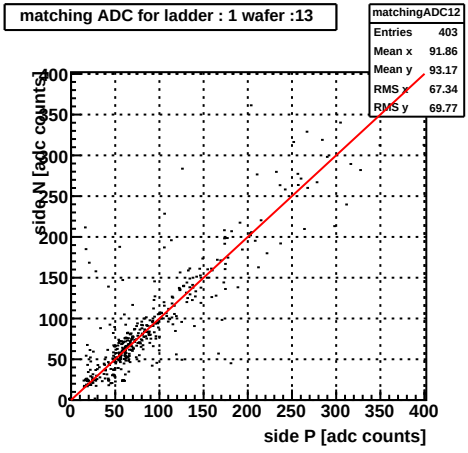

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 285
Mean x 67.63
Mean y 57.16
RMS x 56.17
RMS y 59.36
side N [adc counts]
side P [adc counts]

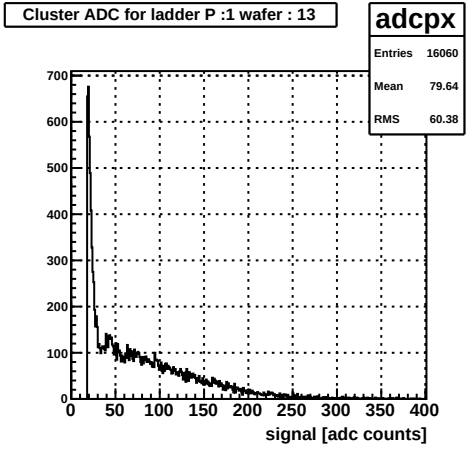

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2612
Mean 57.65
RMS 60.54
signal [adc counts]

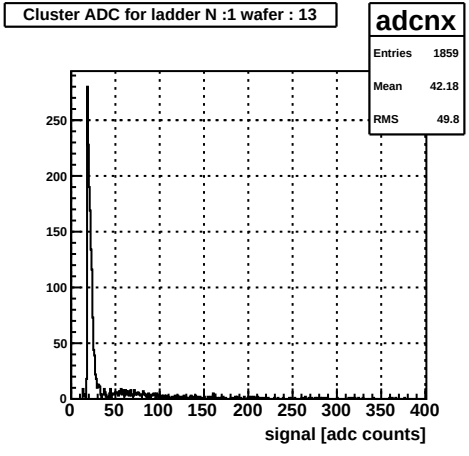

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 12139
Mean 44.55
RMS 34.11
signal [adc counts]

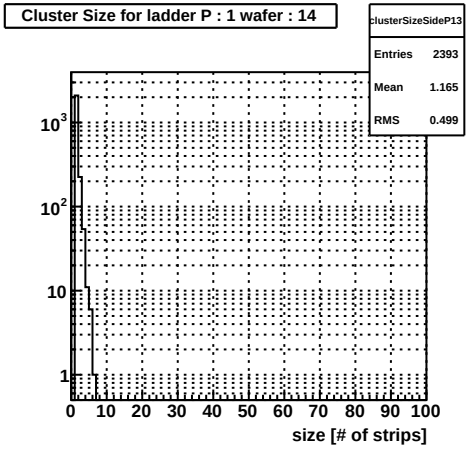

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 16060
Mean 2.59
RMS 1.489
size [# of strips]

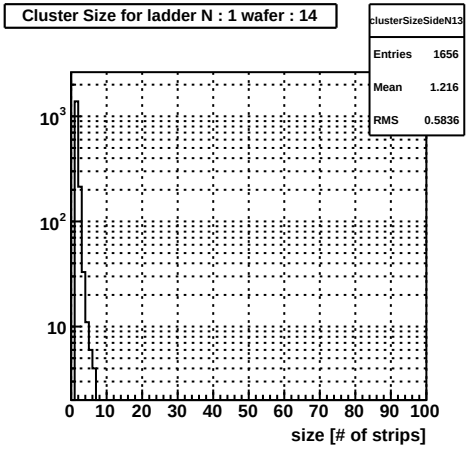

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1859
Mean 1.2
RMS 0.5726
size [# of strips]

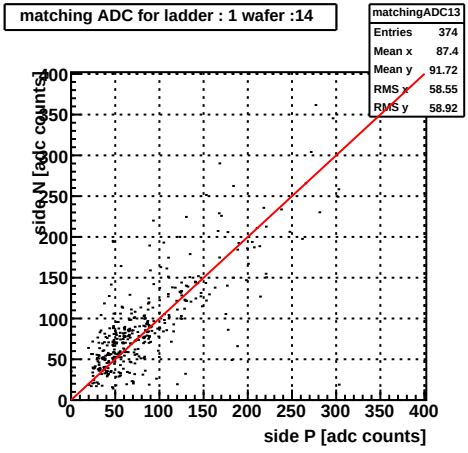

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 403
Mean x 91.86
Mean y 93.17
RMS x 67.34
RMS y 69.77
side N [adc counts]
side P [adc counts]

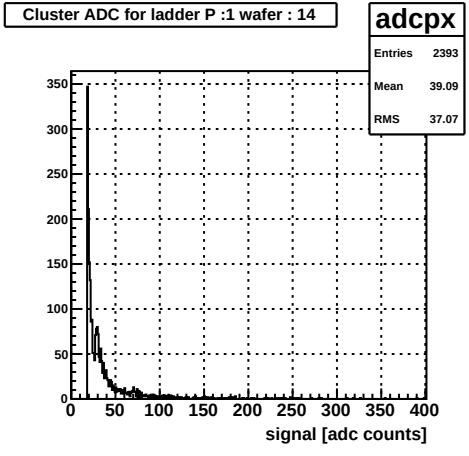

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 16060
Mean 79.64
RMS 60.38
signal [adc counts]

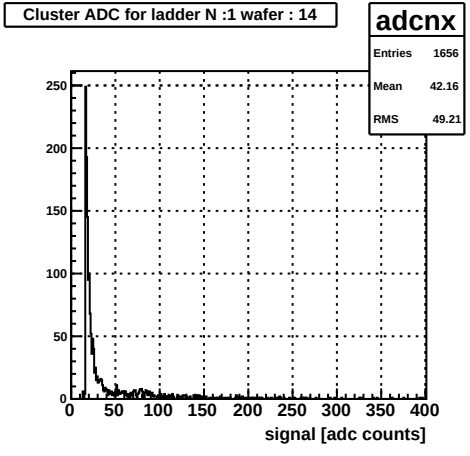

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1859
Mean 42.18
RMS 49.8
signal [adc counts]

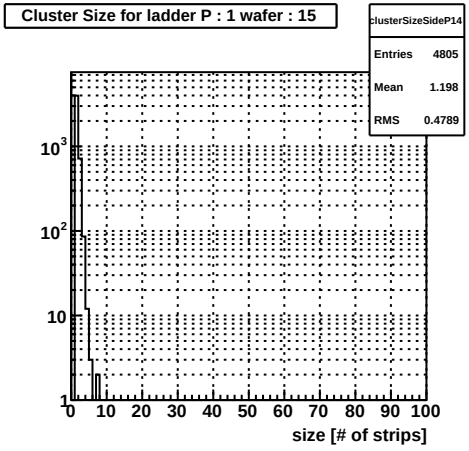

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 2393
Mean 1.165
RMS 0.499
size [# of strips]

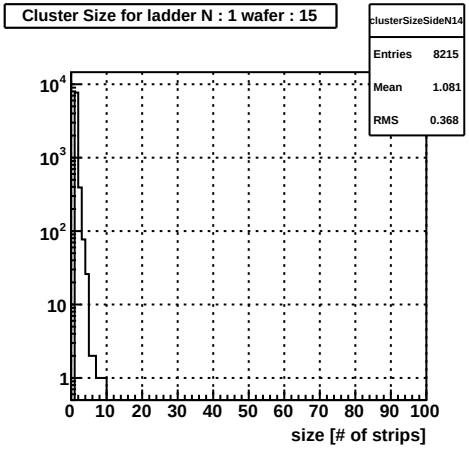

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1656
Mean 1.216
RMS 0.5836
size [# of strips]

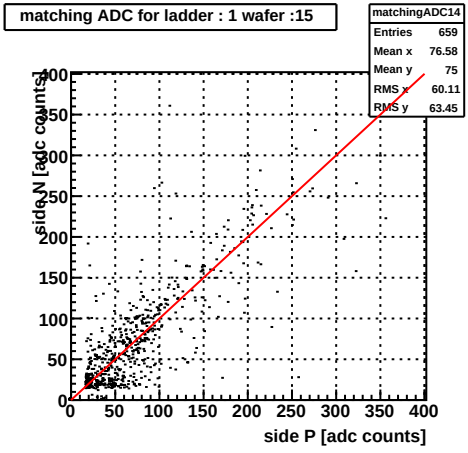

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 374
Mean x 87.4
Mean y 91.72
RMS x 58.55
RMS y 58.92
side N [adc counts]
side P [adc counts]

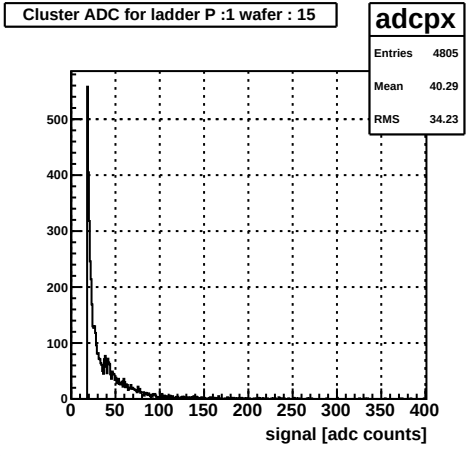

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 2393
Mean 39.09
RMS 37.07
signal [adc counts]

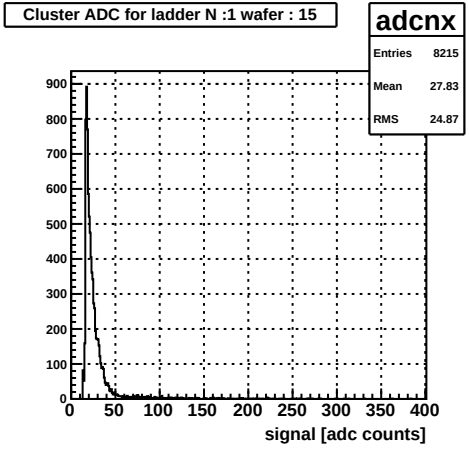

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1656
Mean 42.16
RMS 49.21
signal [adc counts]

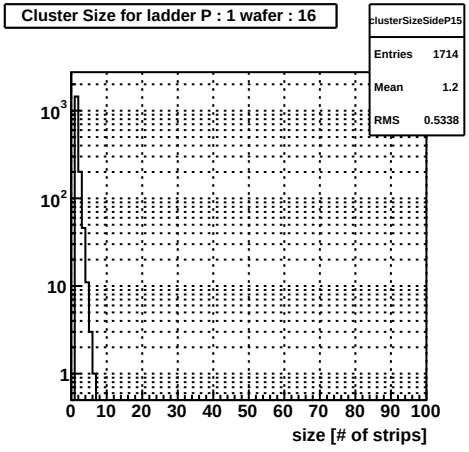

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 4805
Mean 1.198
RMS 0.4789
size [# of strips]

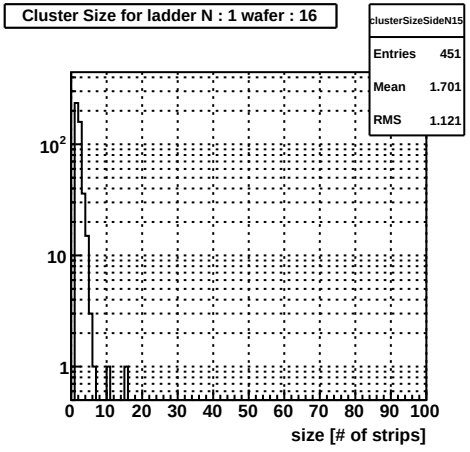

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 8215
Mean 1.081
RMS 0.368
size [# of strips]

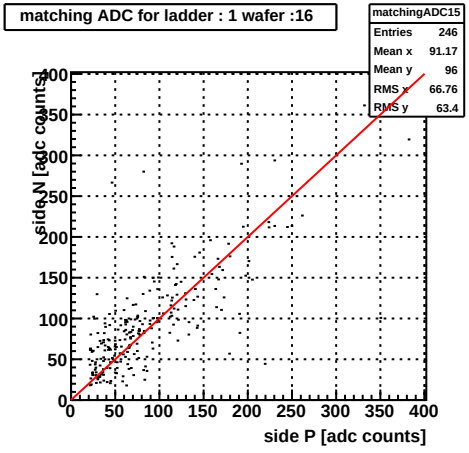

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 659
Mean x 76.58
Mean y 75
RMS x 60.11
RMS y 63.45
side N [adc counts]
side P [adc counts]

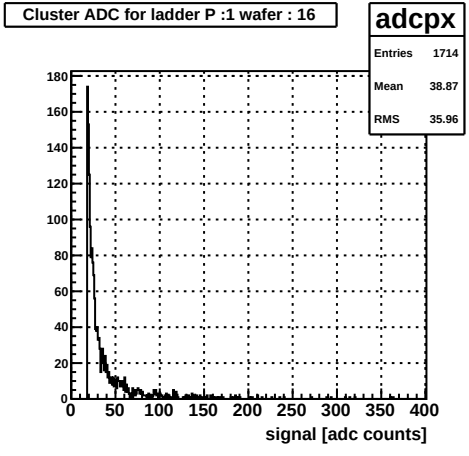

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 4805
Mean 40.29
RMS 34.23
signal [adc counts]

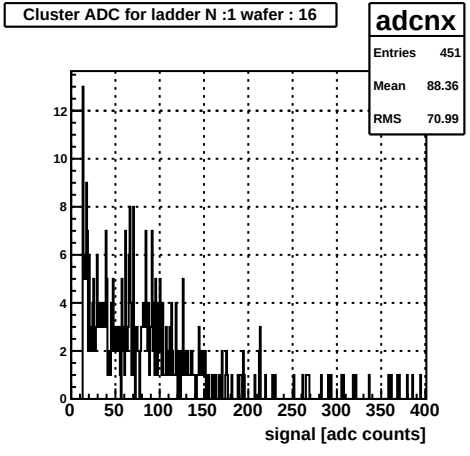

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 8215
Mean 27.83
RMS 24.87
signal [adc counts]

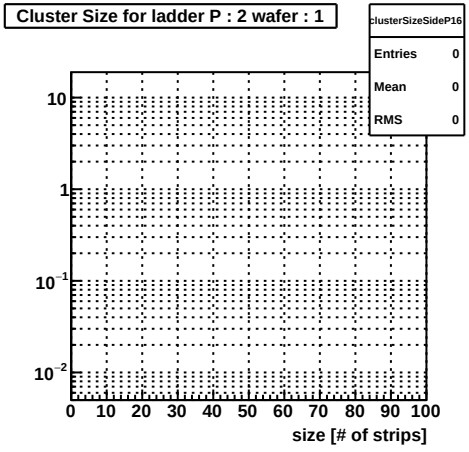

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1714
Mean 1.2
RMS 0.5338
size [# of strips]

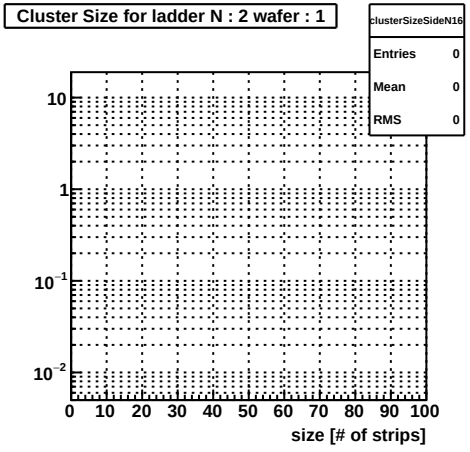

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 451
Mean 1.701
RMS 1.121
size [# of strips]

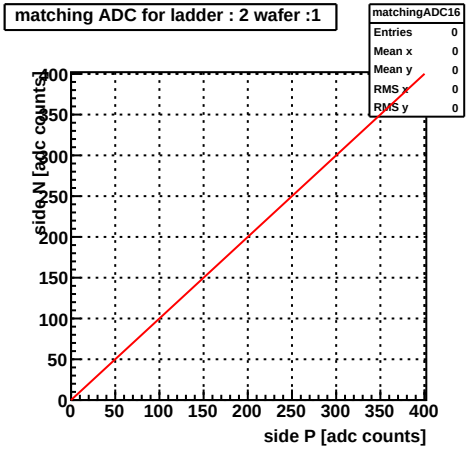

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 246
Mean x 91.17
Mean y 96
RMS x 66.76
RMS y 63.4
side N [adc counts]
side P [adc counts]

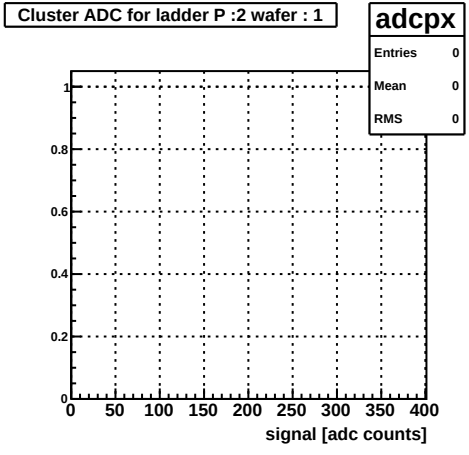

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1714
Mean 38.87
RMS 35.96
signal [adc counts]

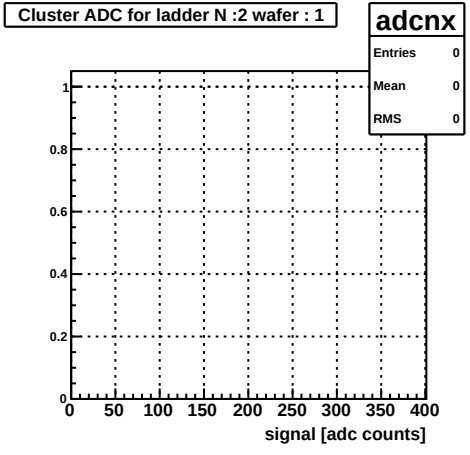

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 451
Mean 88.36
RMS 70.99
signal [adc counts]

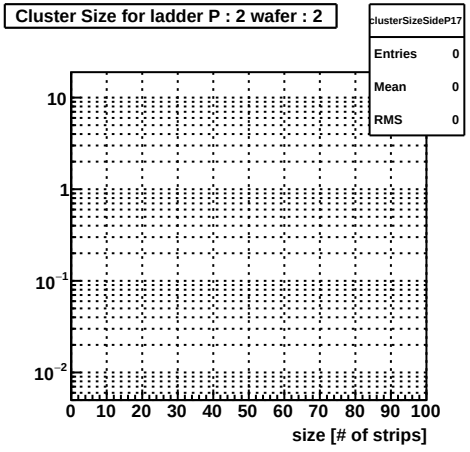

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

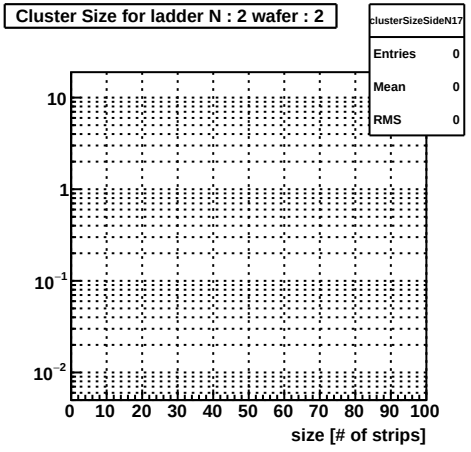

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

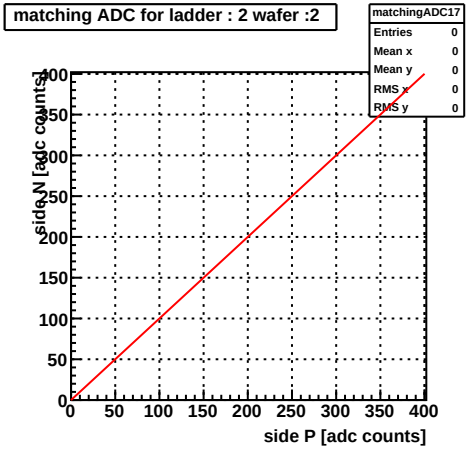

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

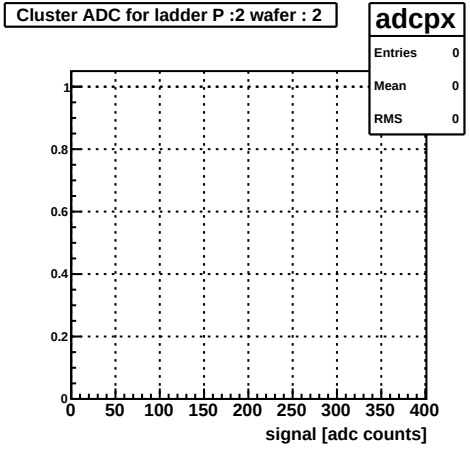

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

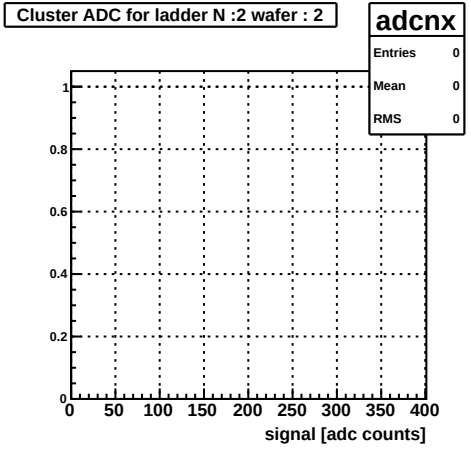

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

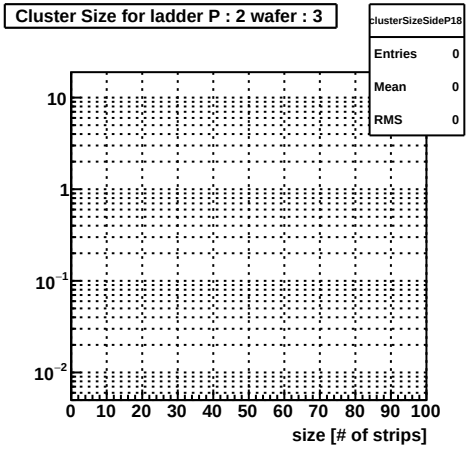

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

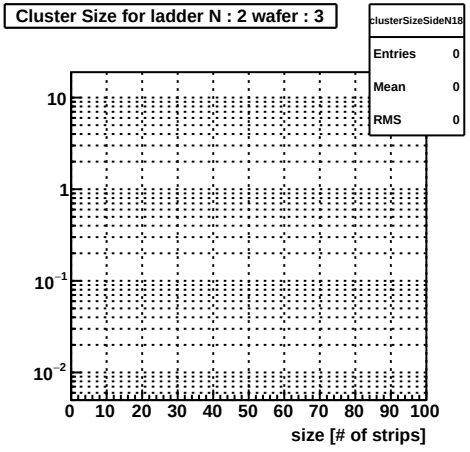

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

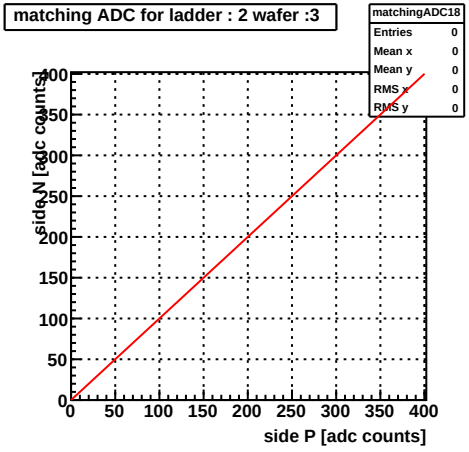

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

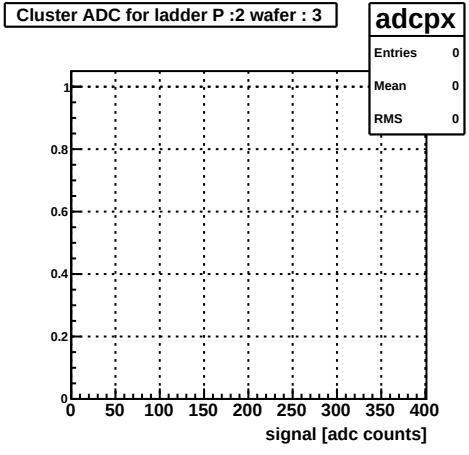

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

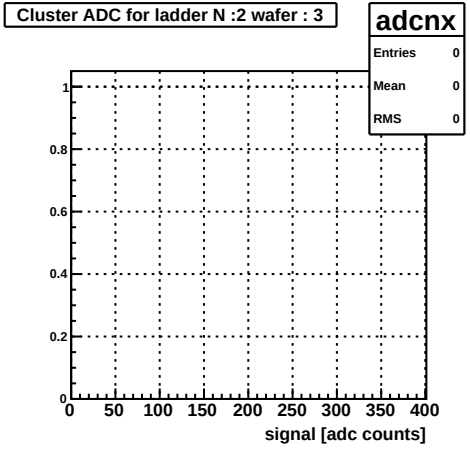

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

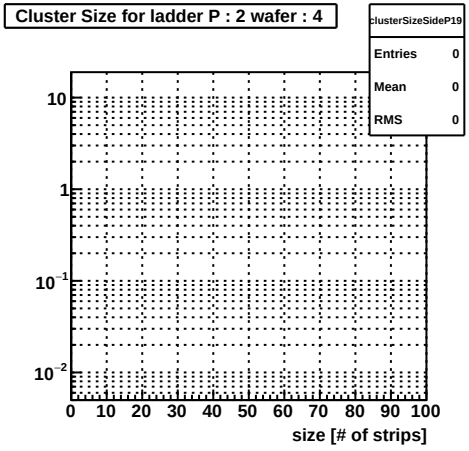

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

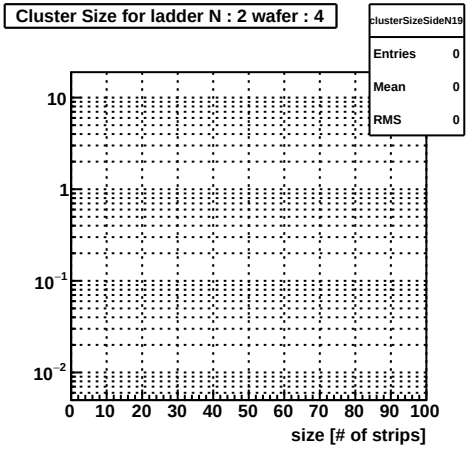

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

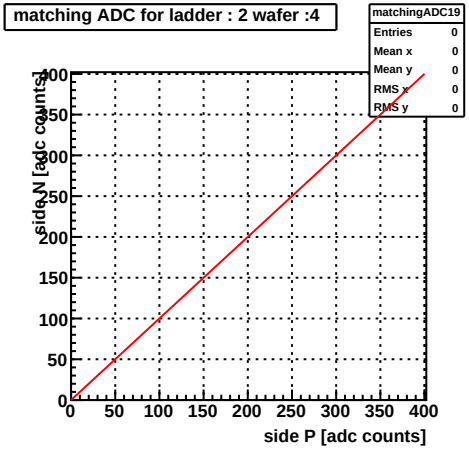

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

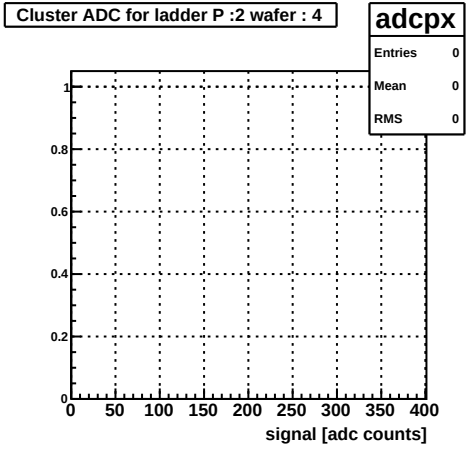

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

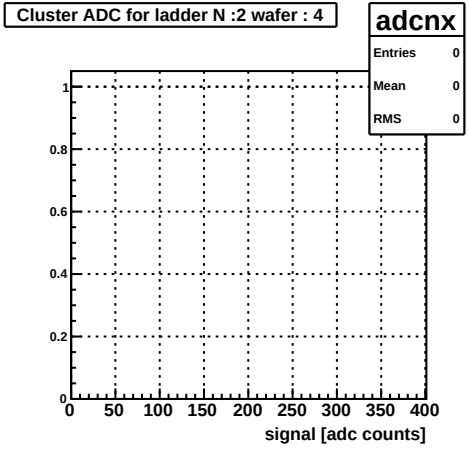

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

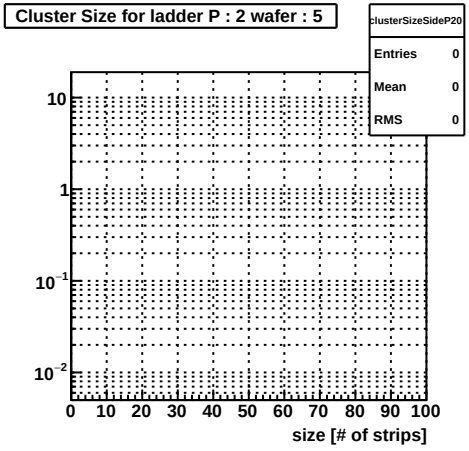

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

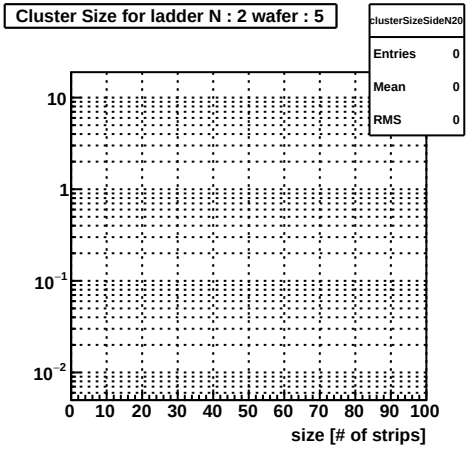

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

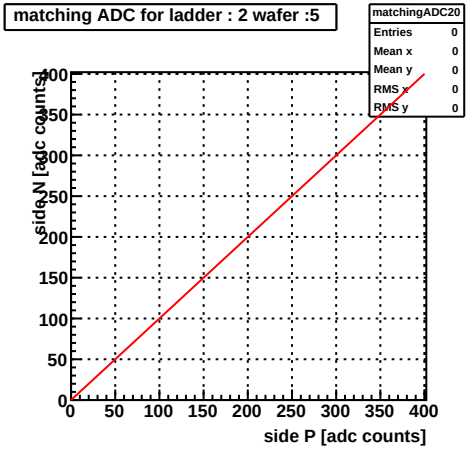

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

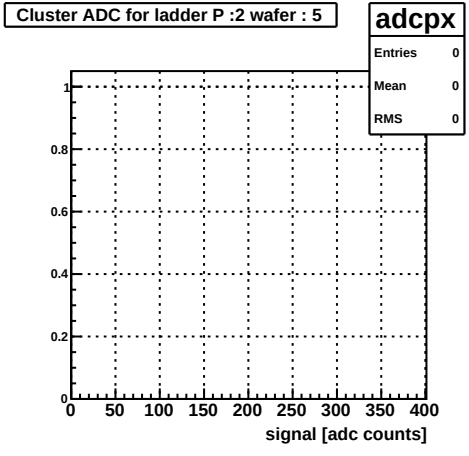

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

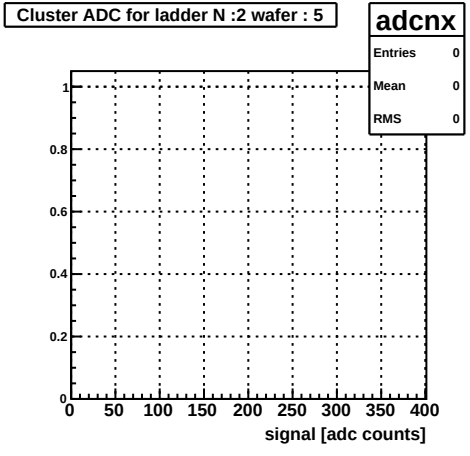

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

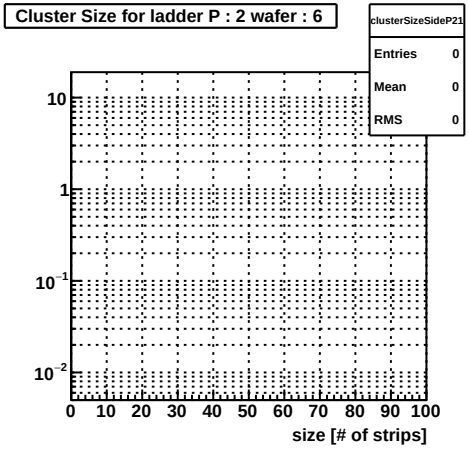

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

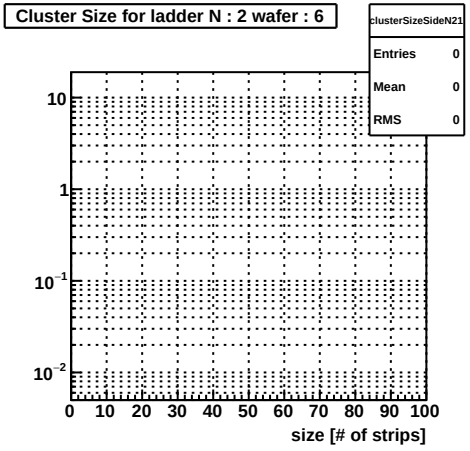

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

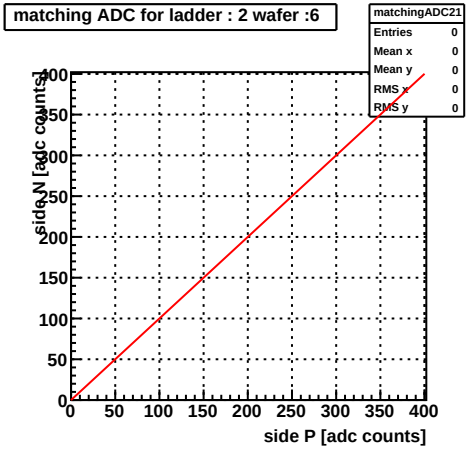

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

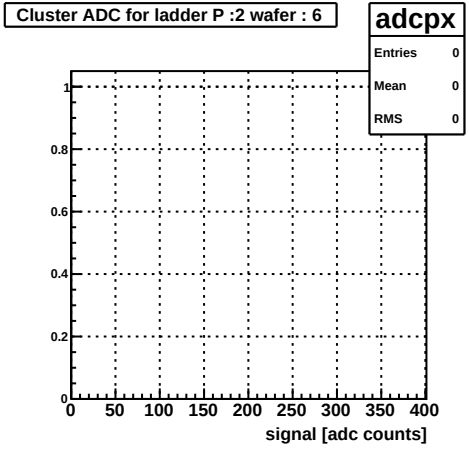

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

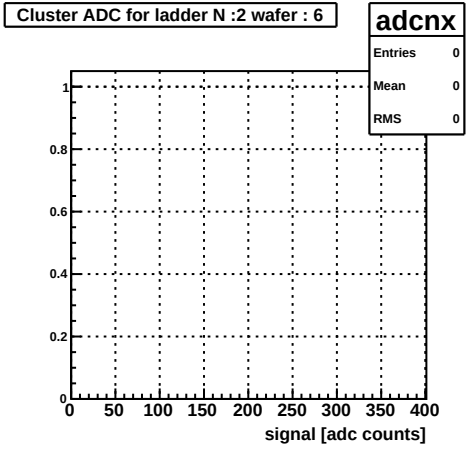

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

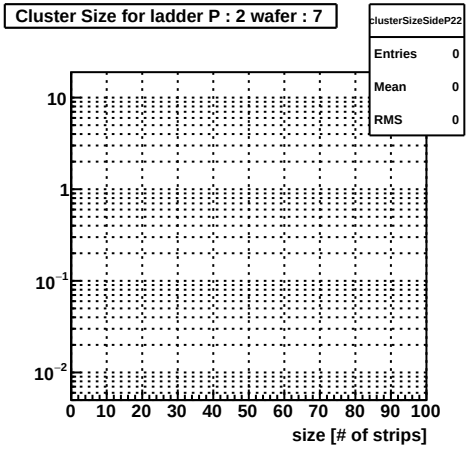

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

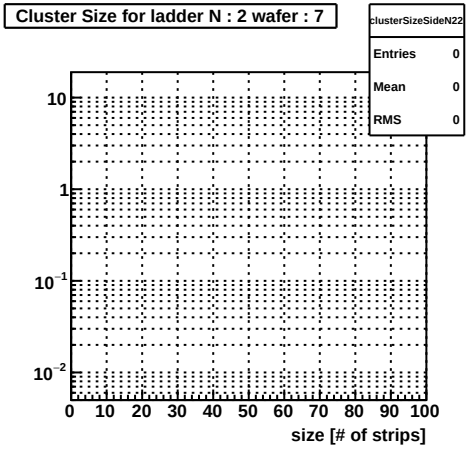

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

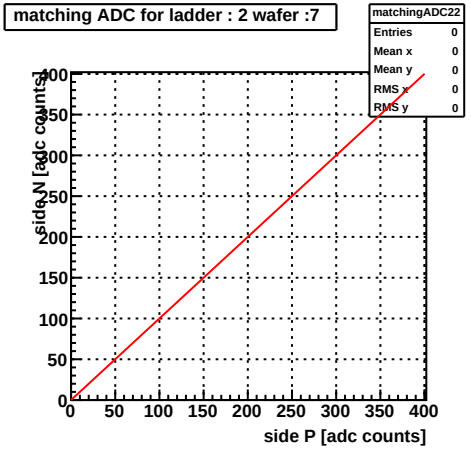

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

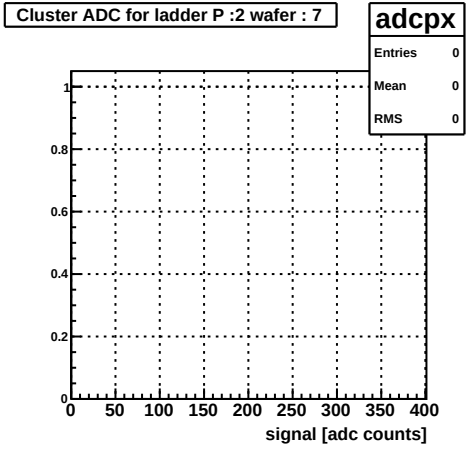

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

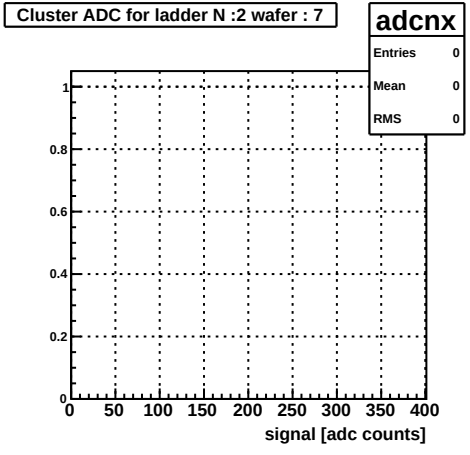

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

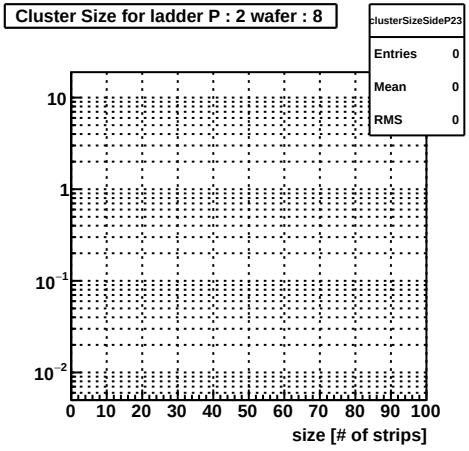

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

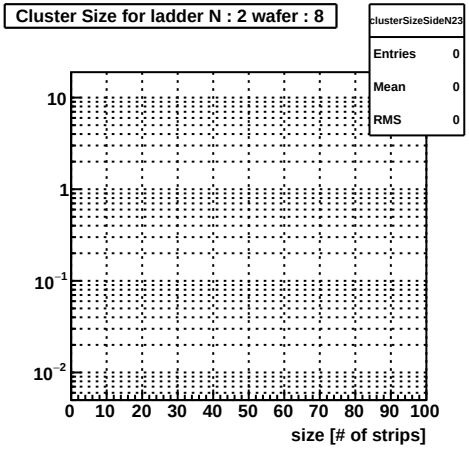

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

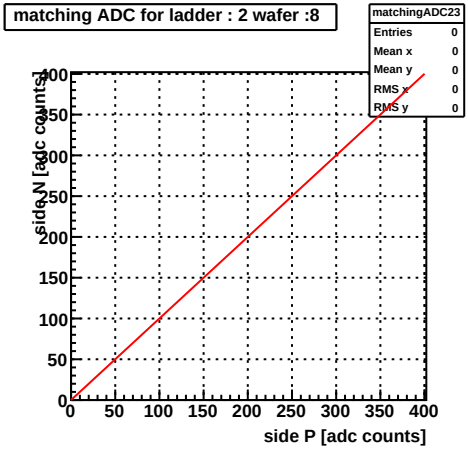

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

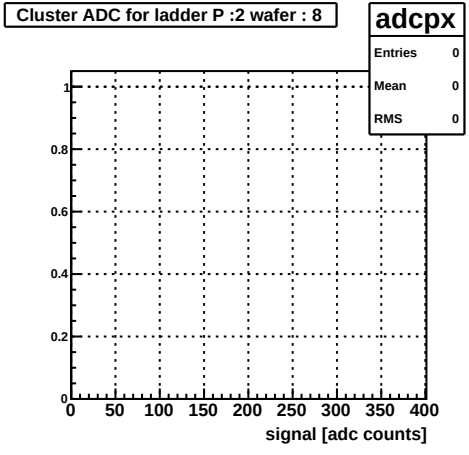

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

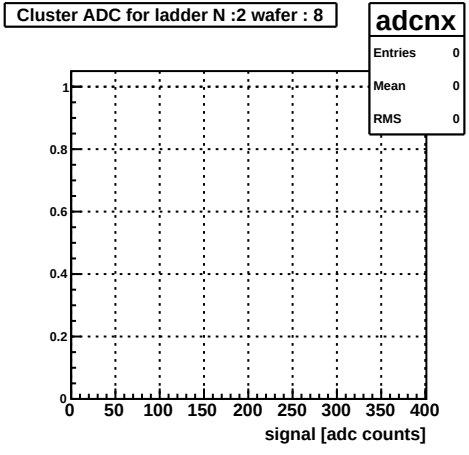

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

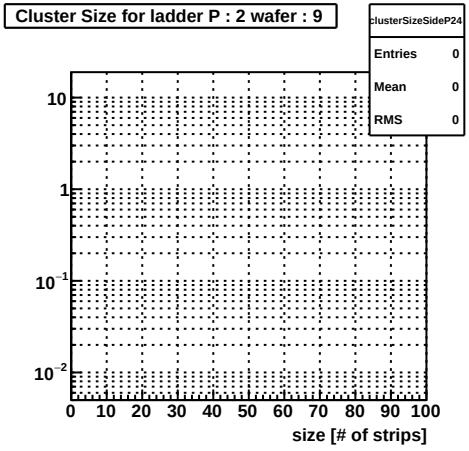

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

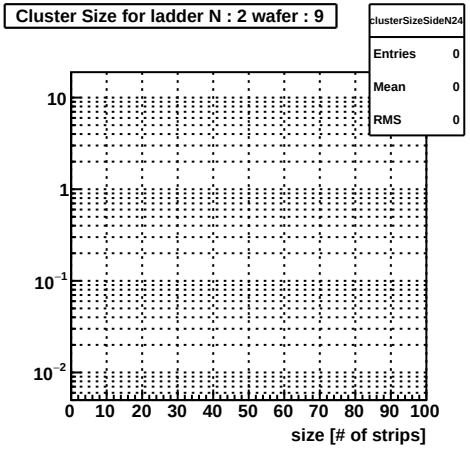

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

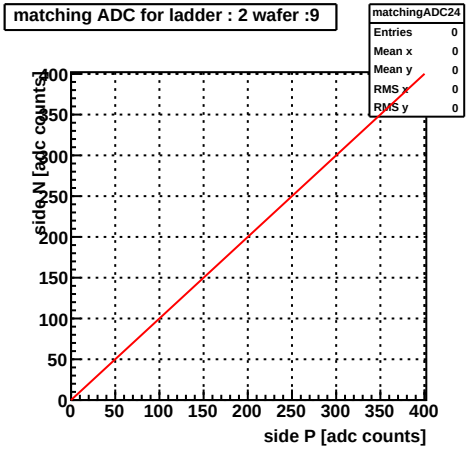

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

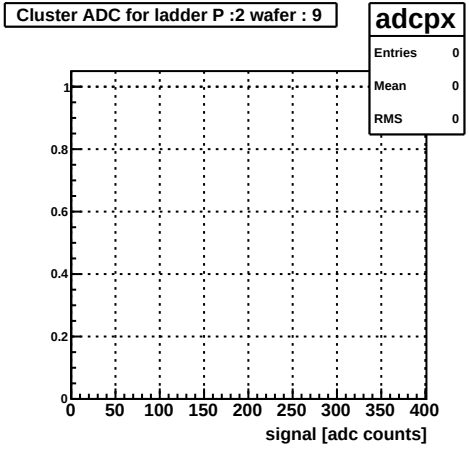

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

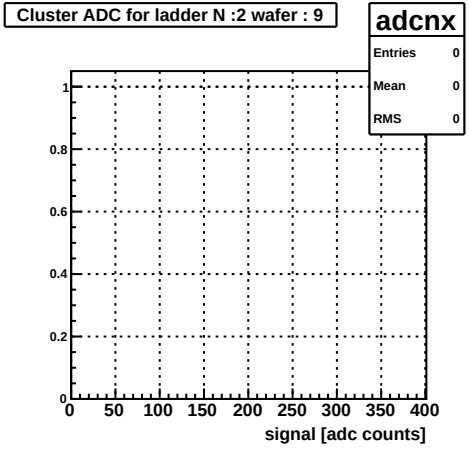

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

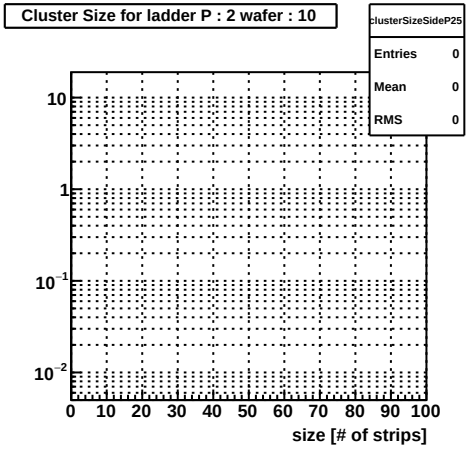

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

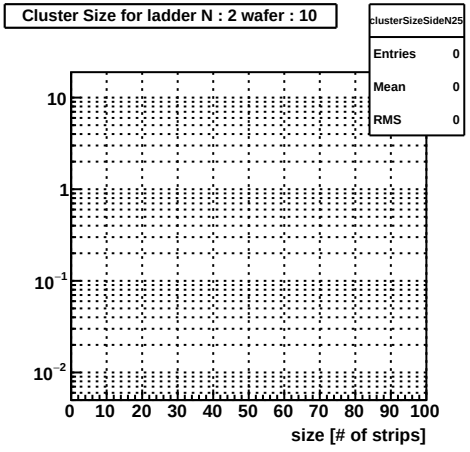

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

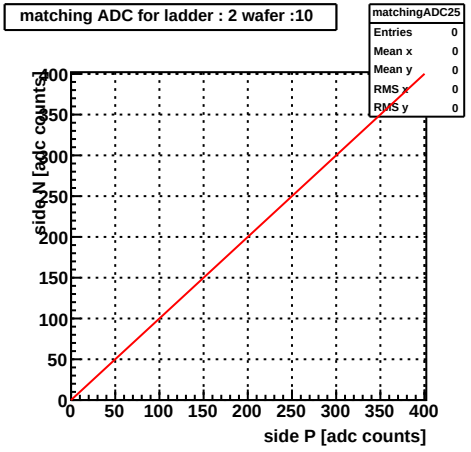

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

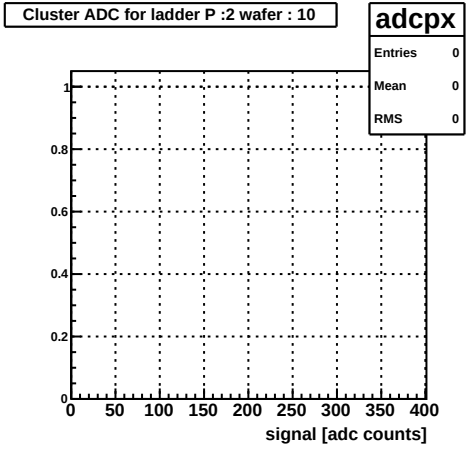

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

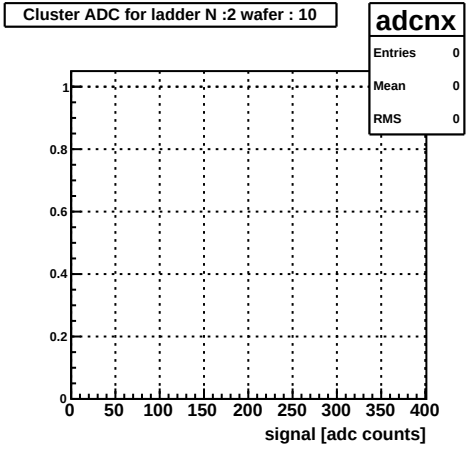

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

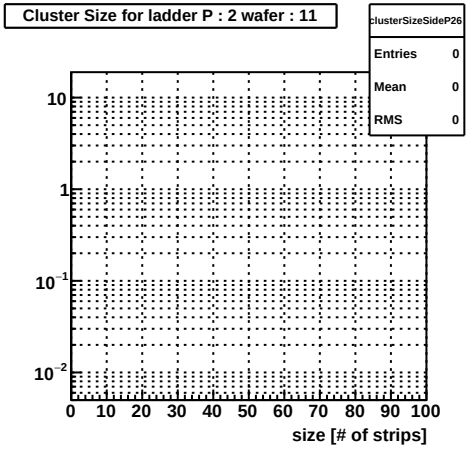

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

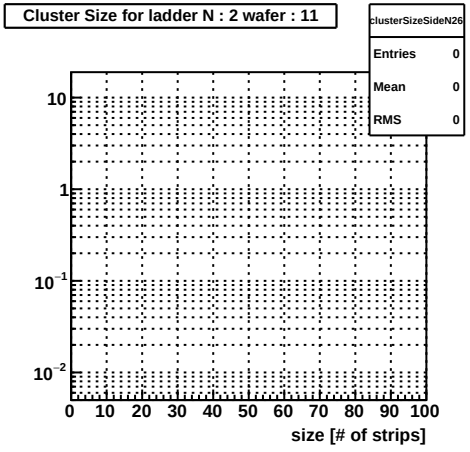

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

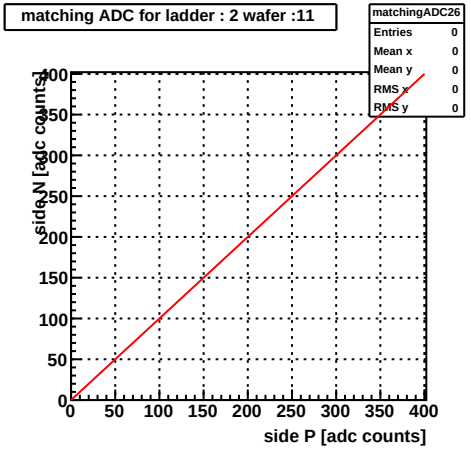

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

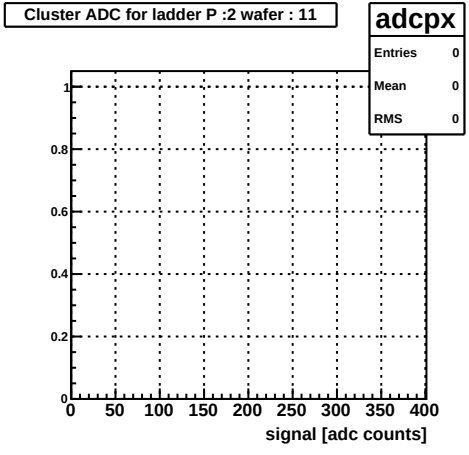

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

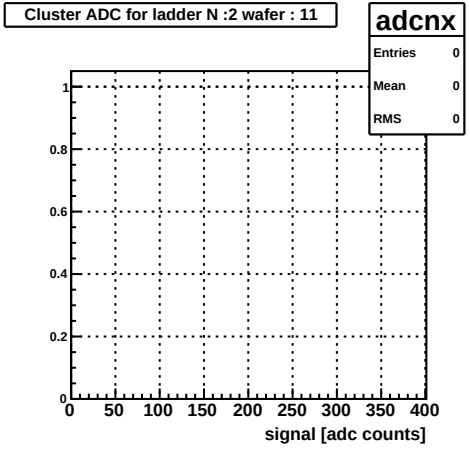

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

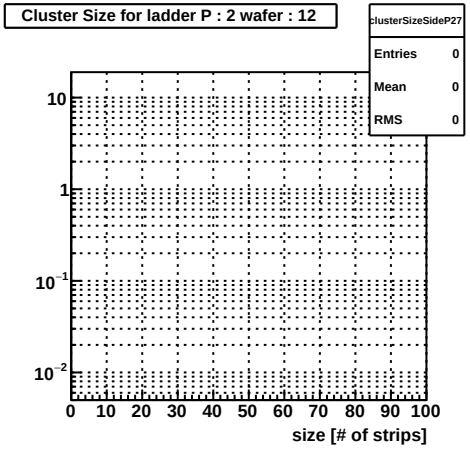

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

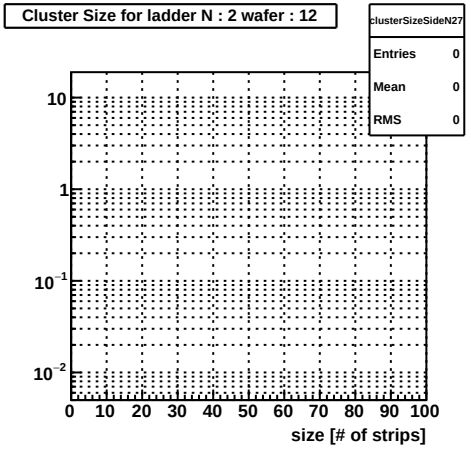

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

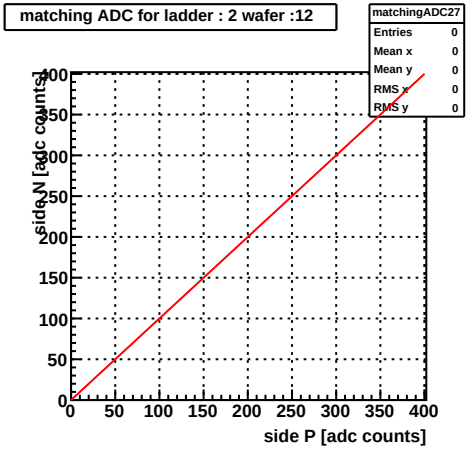

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

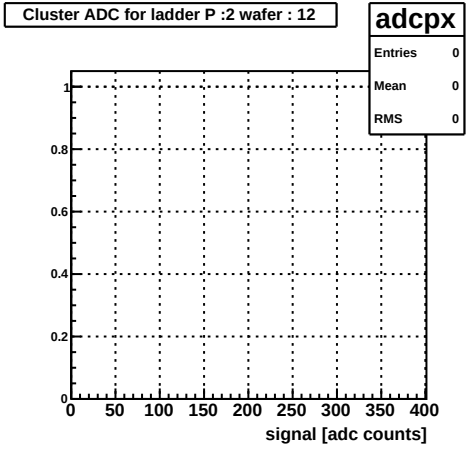

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

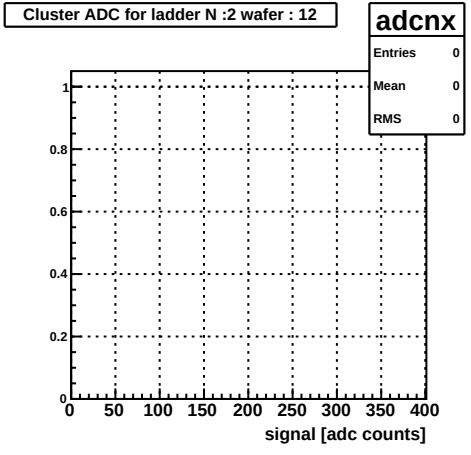

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

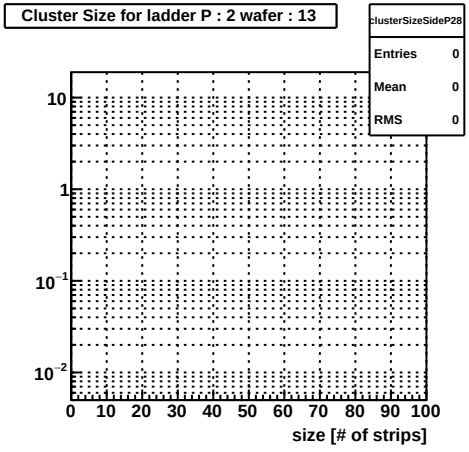

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

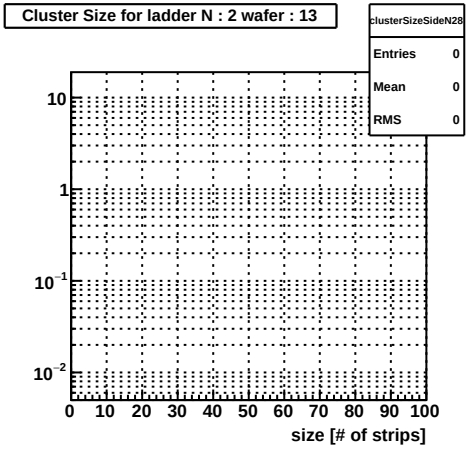

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

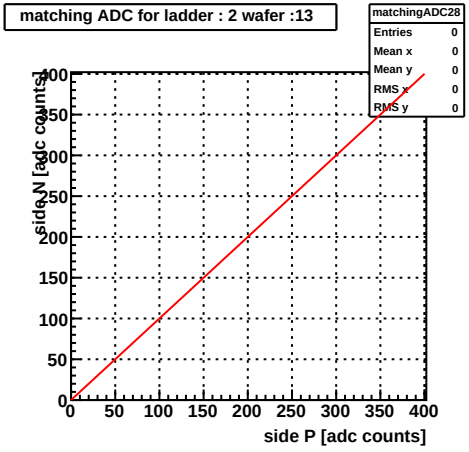

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

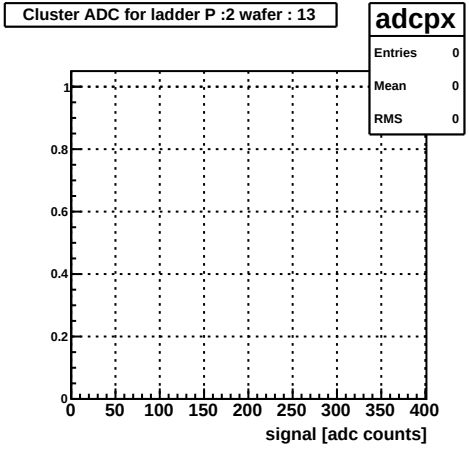

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

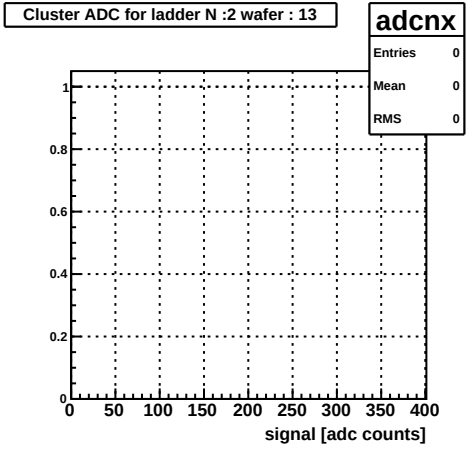

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

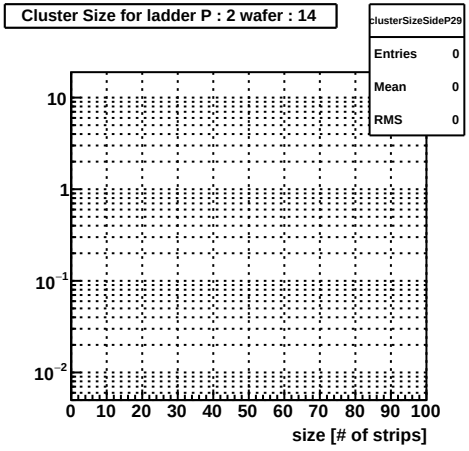

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

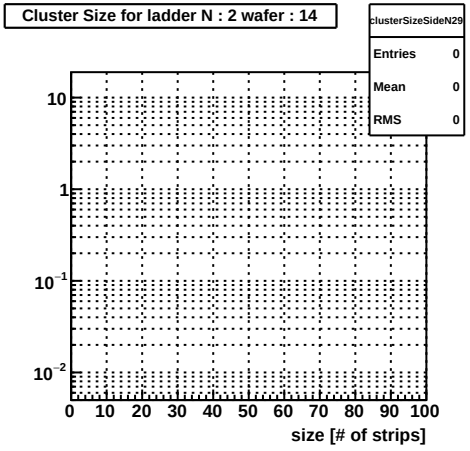

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

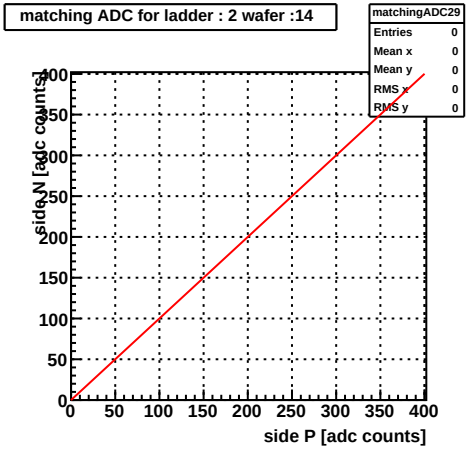

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

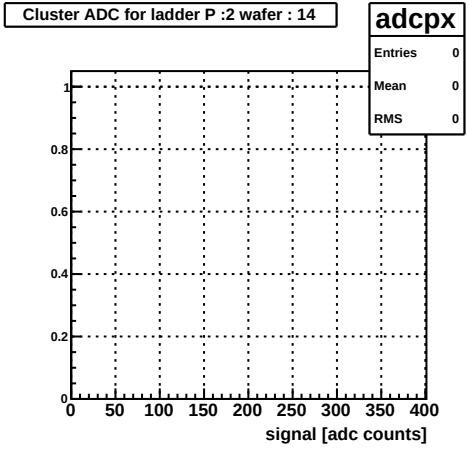

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

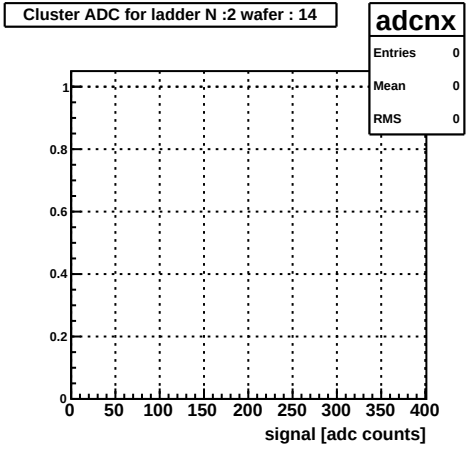

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

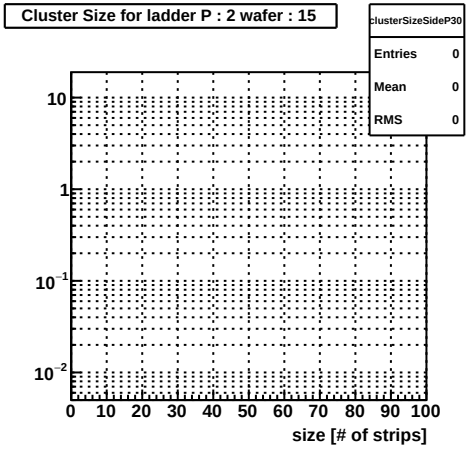

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

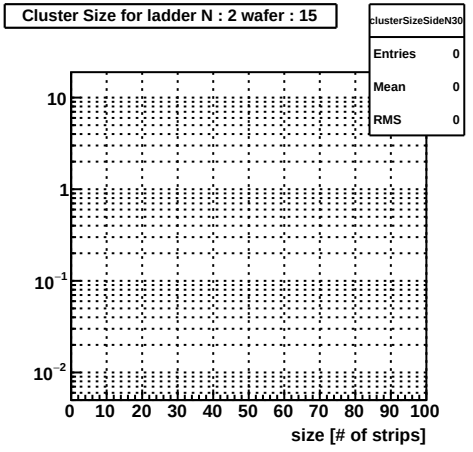

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

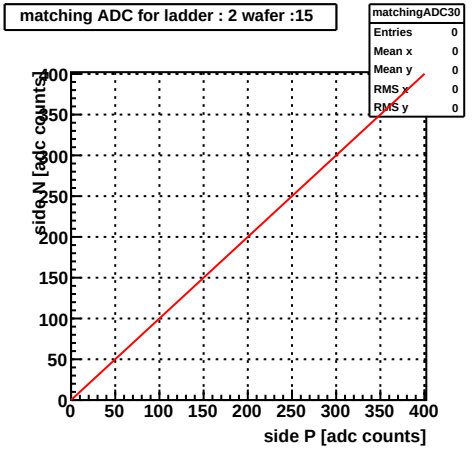

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

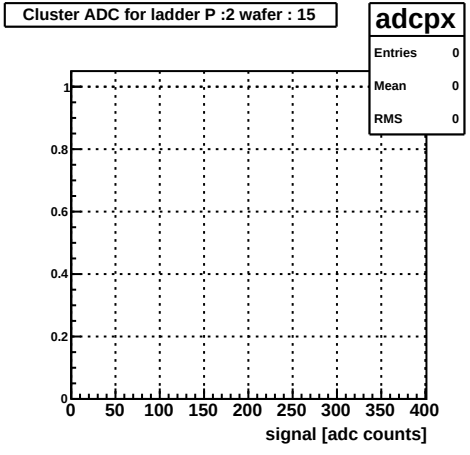

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

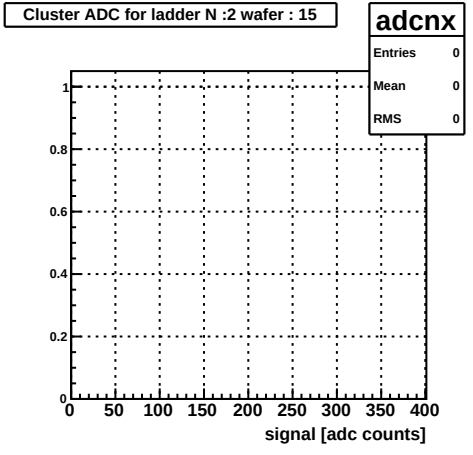

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

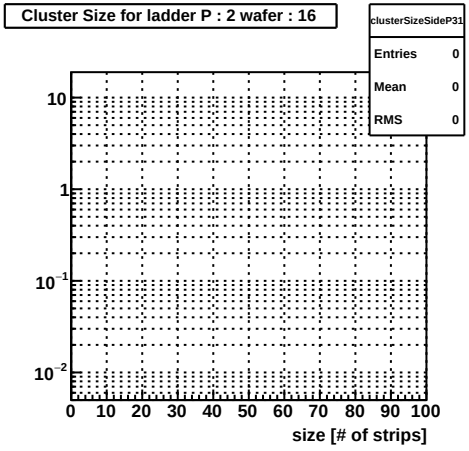

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

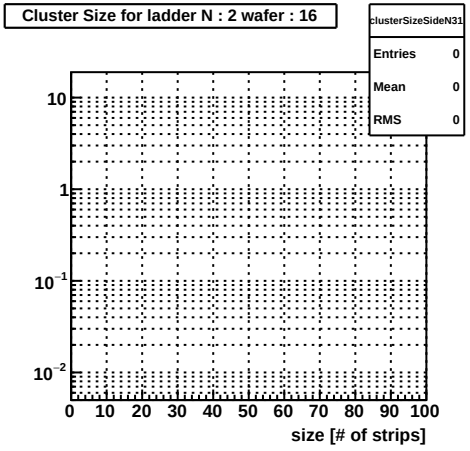

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

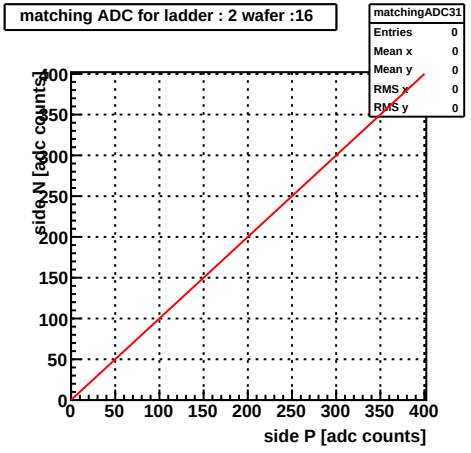

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

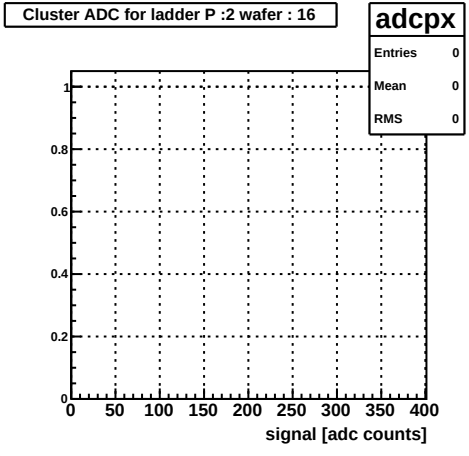

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

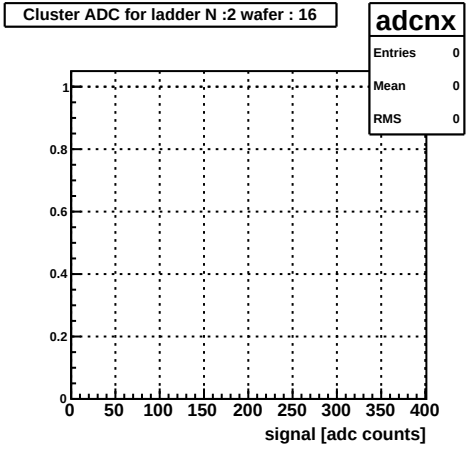

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

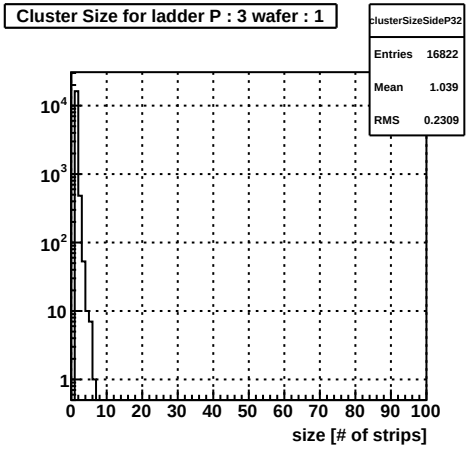

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

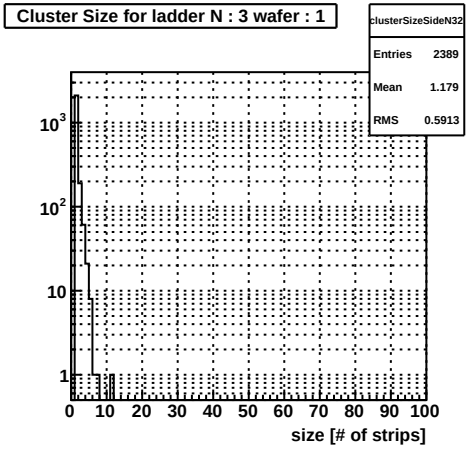

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

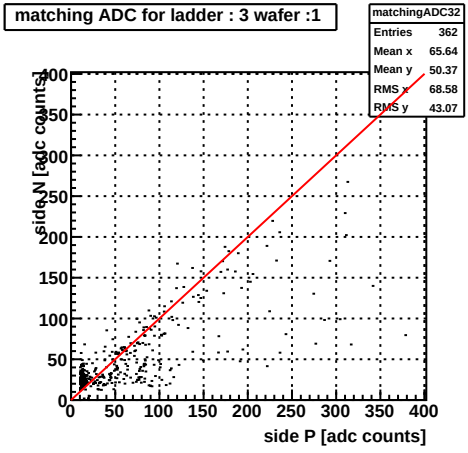

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

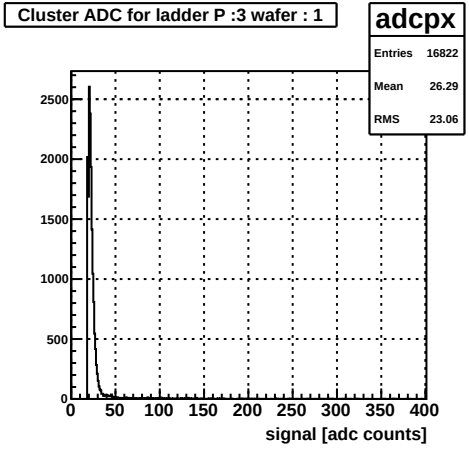

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

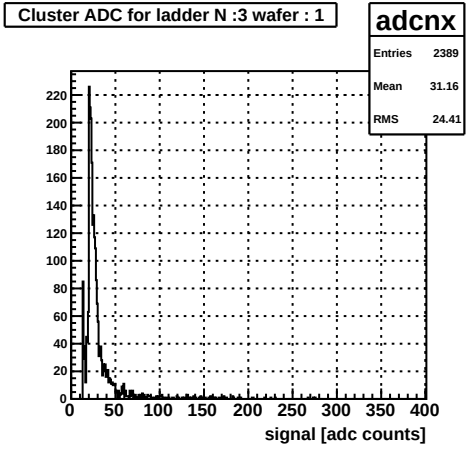

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

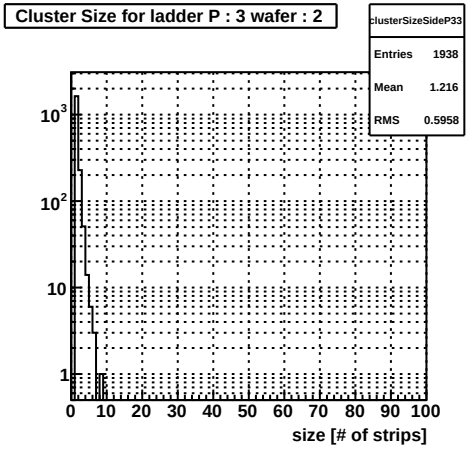

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 16822
Mean 1.039
RMS 0.2309
size [# of strips]

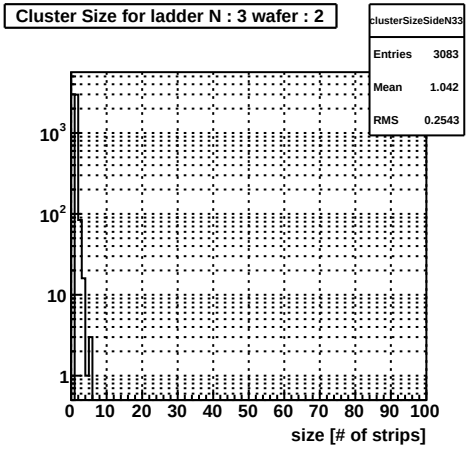

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2389
Mean 1.179
RMS 0.5913
size [# of strips]

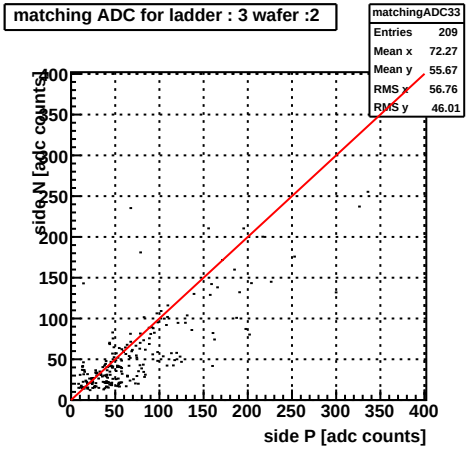

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 362
Mean x 65.64
Mean y 50.37
RMS x 68.58
RMS y 43.07
side N [adc counts]
side P [adc counts]

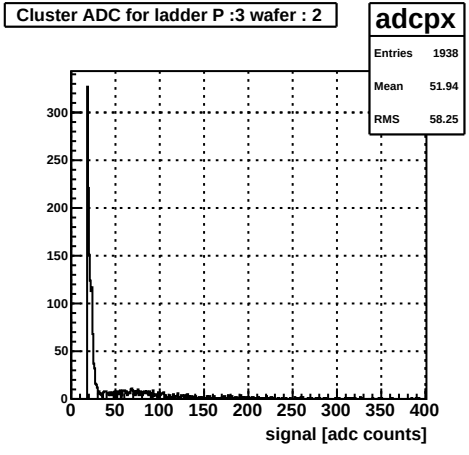

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 16822
Mean 26.29
RMS 23.06
signal [adc counts]

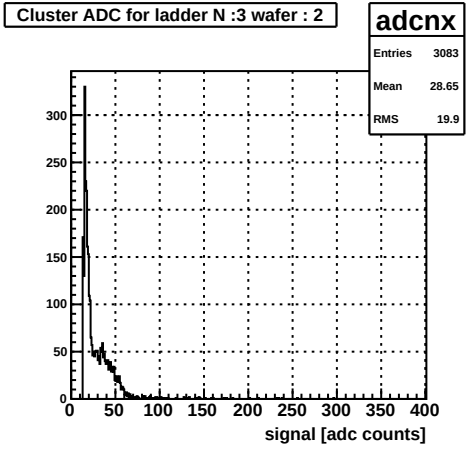

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2389
Mean 31.16
RMS 24.41
signal [adc counts]

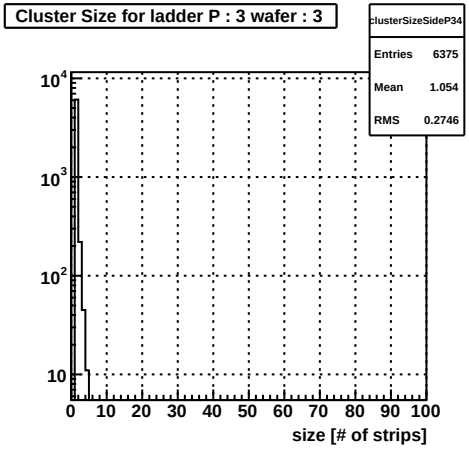

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1938
Mean 1.216
RMS 0.5958
size [# of strips]

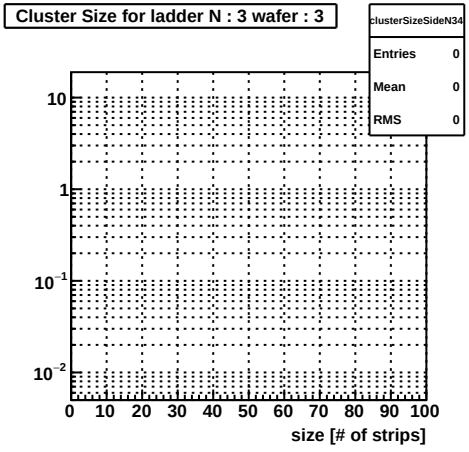

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 3083
Mean 1.042
RMS 0.2543
size [# of strips]

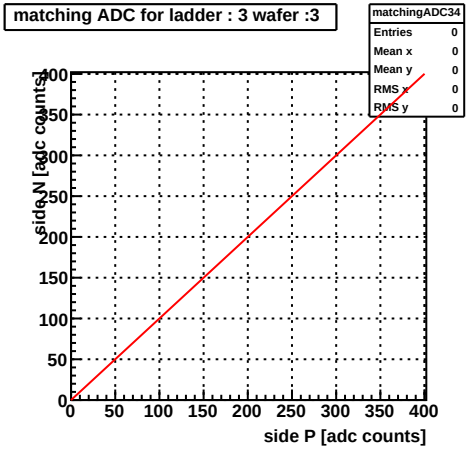

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 209
Mean x 72.27
Mean y 55.67
RMS x 56.76
RMS y 46.01
side N [adc counts]
side P [adc counts]

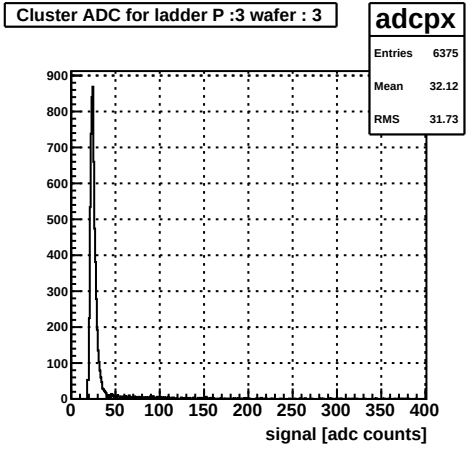

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1938
Mean 51.94
RMS 58.25
signal [adc counts]

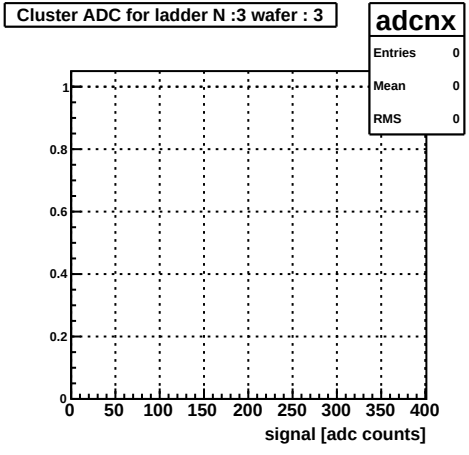

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 3083
Mean 28.65
RMS 19.9
signal [adc counts]

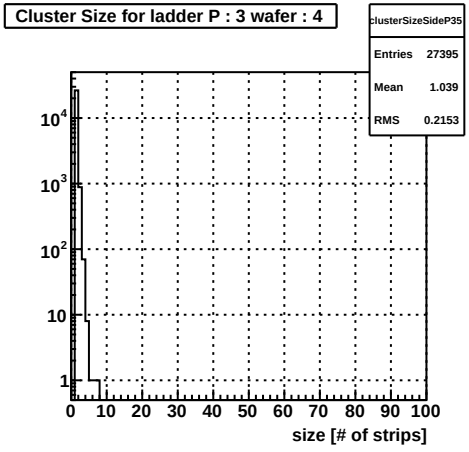

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 6375
Mean 1.054
RMS 0.2746
size [# of strips]

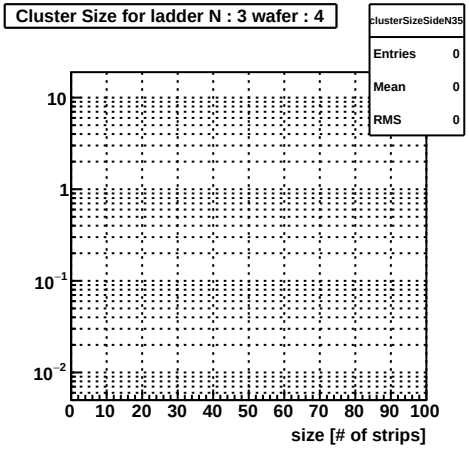

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

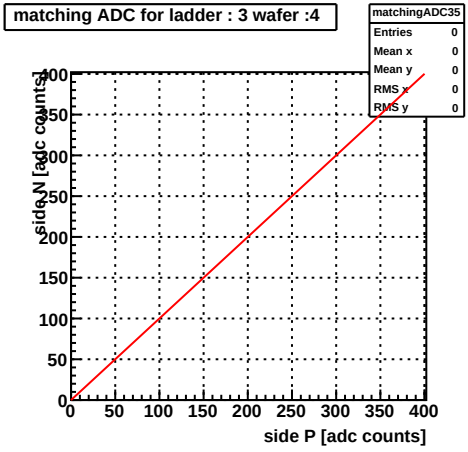

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

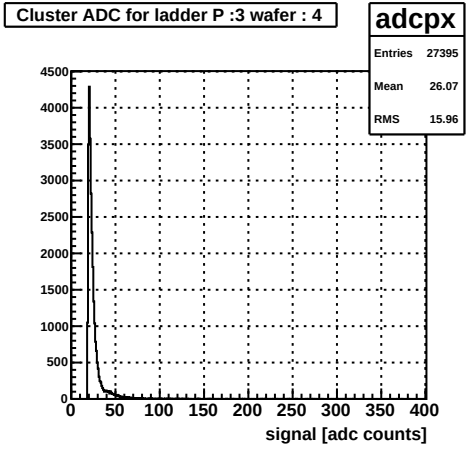

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 6375
Mean 32.12
RMS 31.73
signal [adc counts]

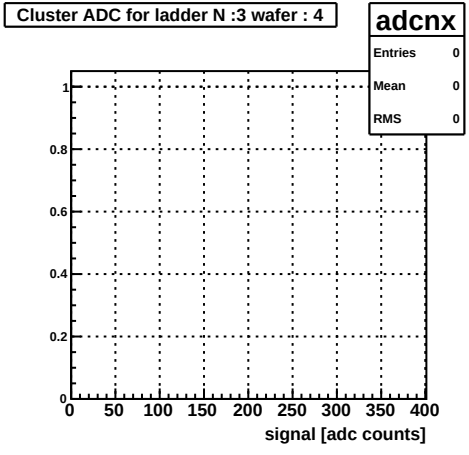

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

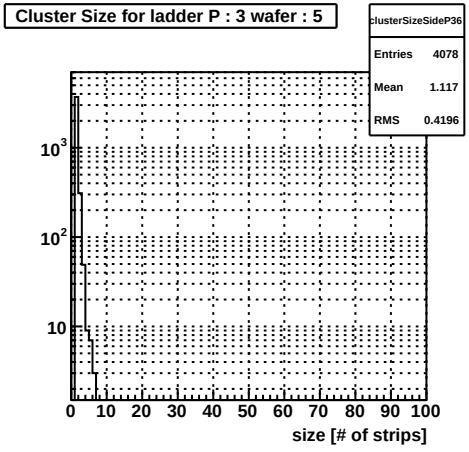

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 27395
Mean 1.039
RMS 0.2153
size [# of strips]

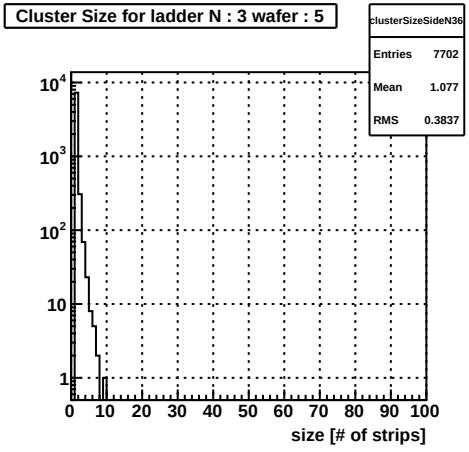

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

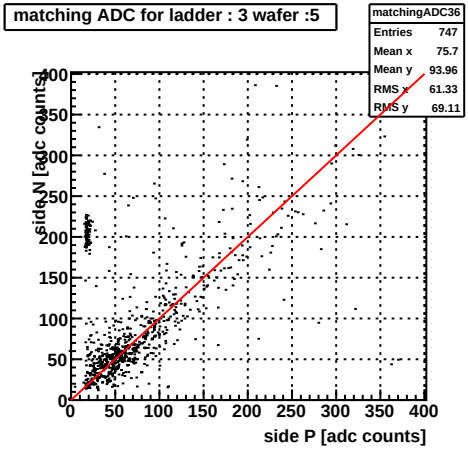

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

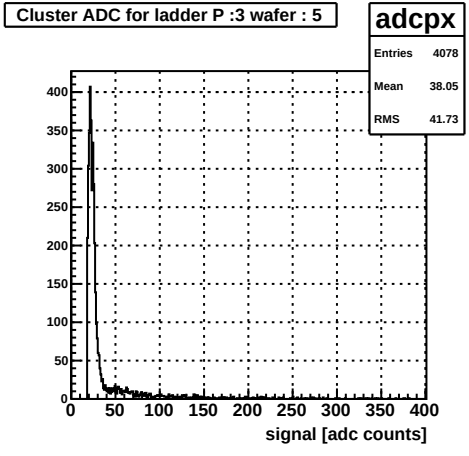

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 27395
Mean 26.07
RMS 15.96
signal [adc counts]

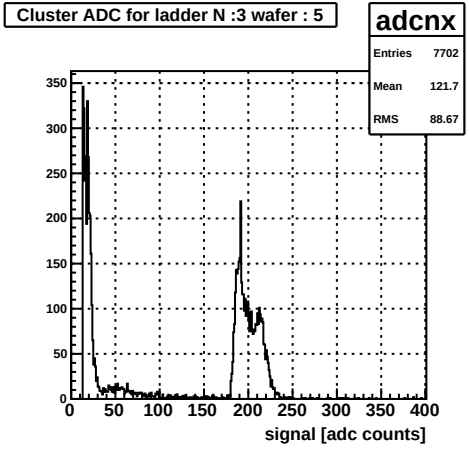

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

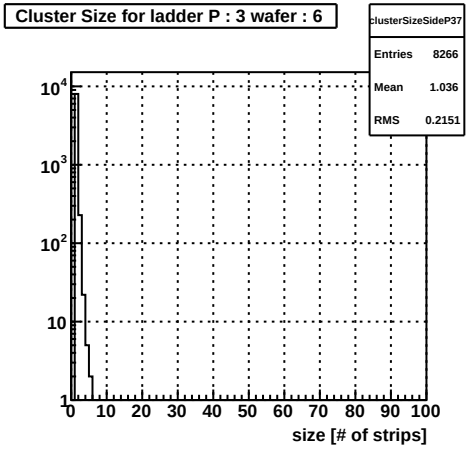

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 4078
Mean 1.117
RMS 0.4196
size [# of strips]

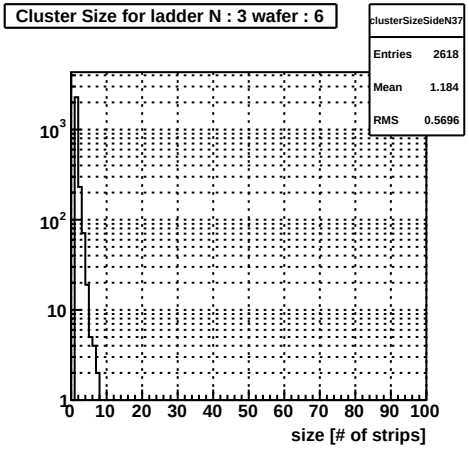

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 7702
Mean 1.077
RMS 0.3837
size [# of strips]

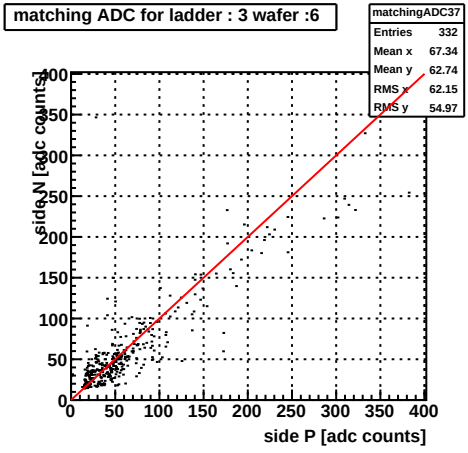

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 747
Mean x 75.7
Mean y 93.96
RMS x 61.33
RMS y 69.11
side N [adc counts]
side P [adc counts]

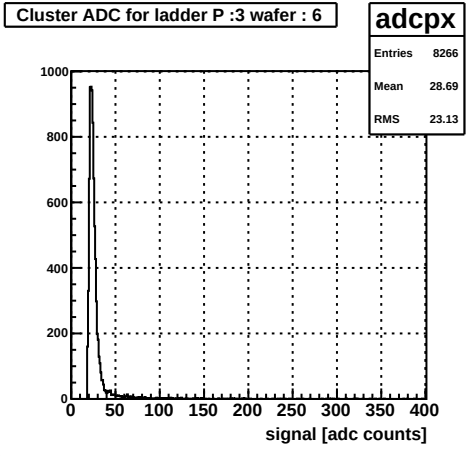

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 4078
Mean 38.05
RMS 41.73
signal [adc counts]

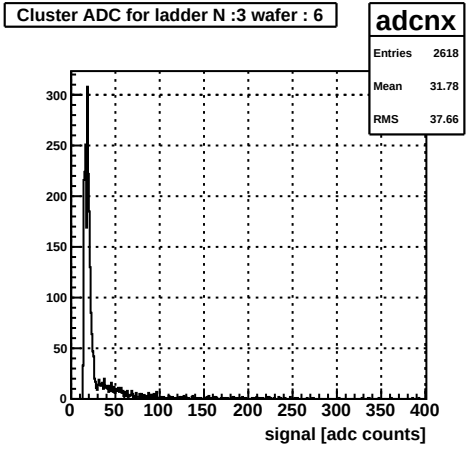

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 7702
Mean 121.7
RMS 88.67
signal [adc counts]

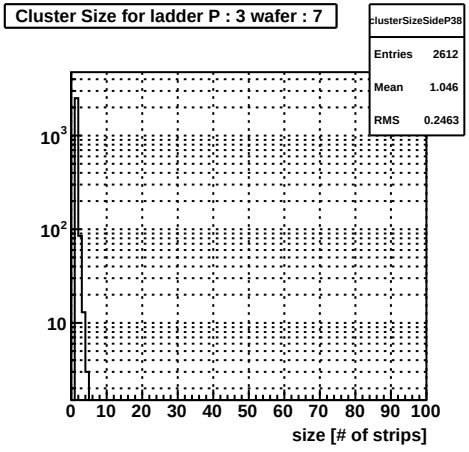

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 8266
Mean 1.036
RMS 0.2151
size [# of strips]

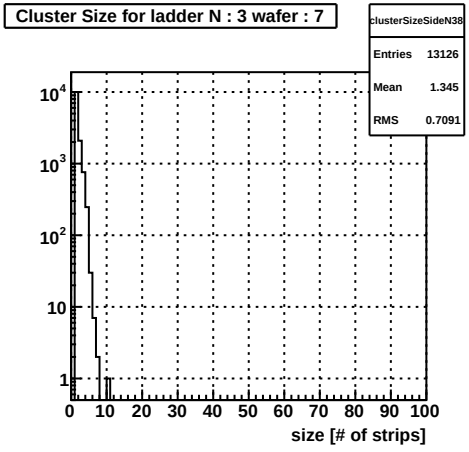

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 2618
Mean 1.184
RMS 0.5696
size [# of strips]

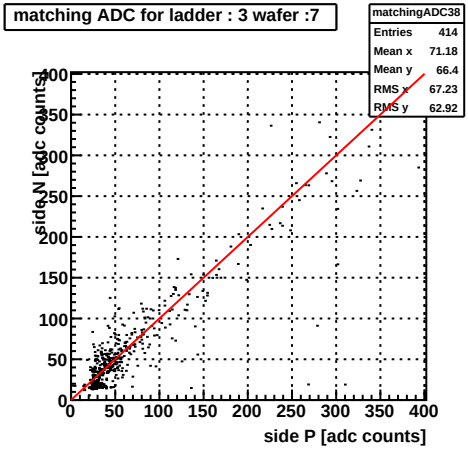

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 332
Mean x 67.34
Mean y 62.74
RMS x 62.15
RMS y 54.97
side N [adc counts]
side P [adc counts]

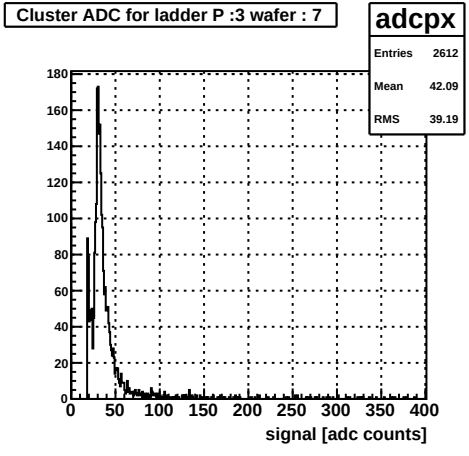

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 8266
Mean 28.69
RMS 23.13
signal [adc counts]

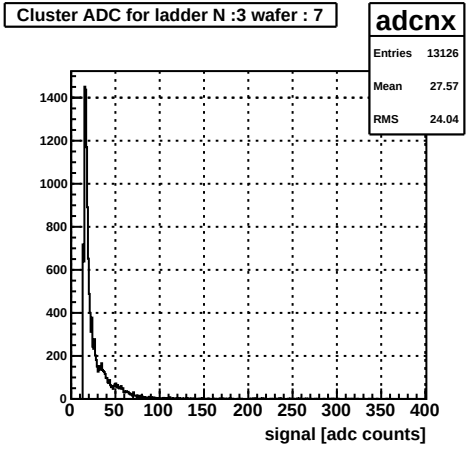

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 2618
Mean 31.78
RMS 37.66
signal [adc counts]

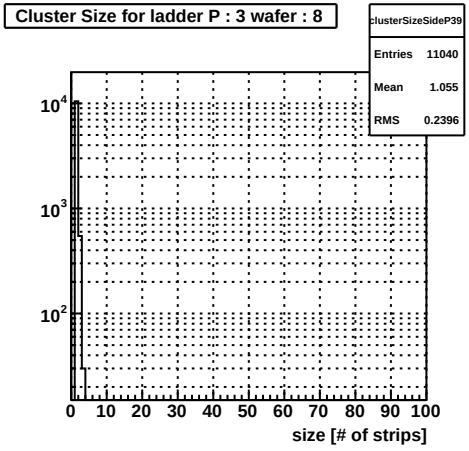

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2612
Mean 1.046
RMS 0.2463
size [# of strips]

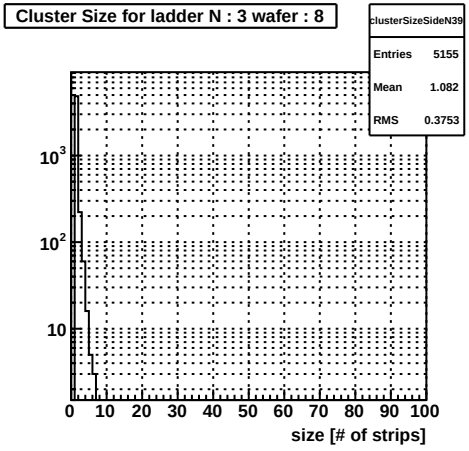

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 13126
Mean 1.345
RMS 0.7091
size [# of strips]

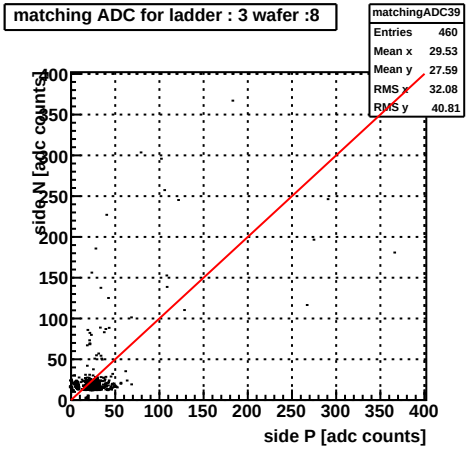

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 414
Mean x 71.18
Mean y 66.4
RMS x 67.23
RMS y 62.92
side N [adc counts]
side P [adc counts]

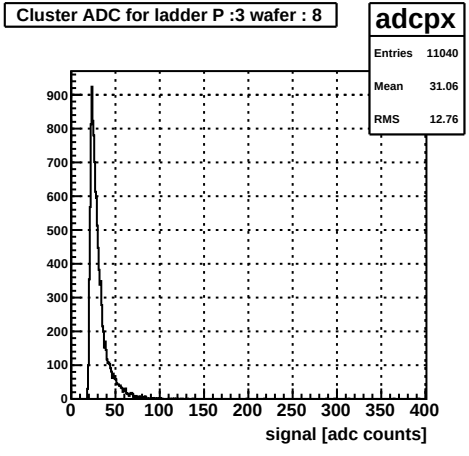

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2612
Mean 42.09
RMS 39.19
signal [adc counts]

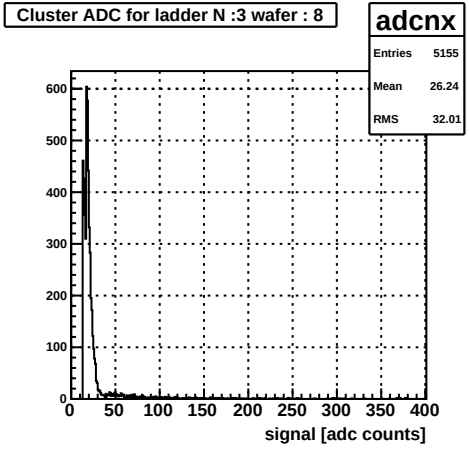

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 13126
Mean 27.57
RMS 24.04
signal [adc counts]

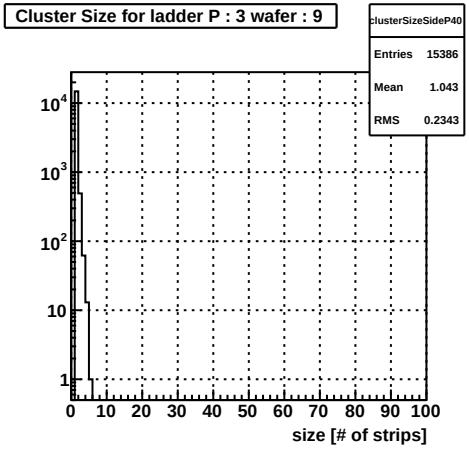

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 11040
Mean 1.055
RMS 0.2396
size [# of strips]

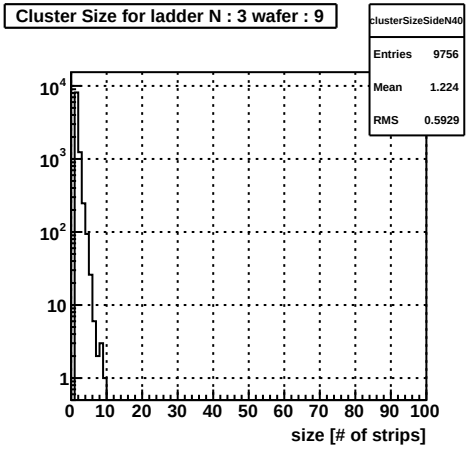

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 5155
Mean 1.082
RMS 0.3753
size [# of strips]

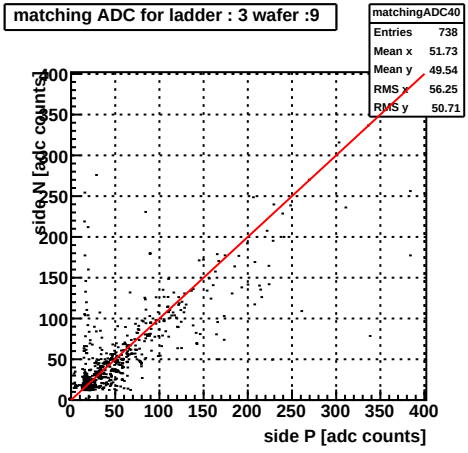

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 460
Mean x 29.53
Mean y 27.59
RMS x 32.08
RMS y 40.81
side N [adc counts]
side P [adc counts]

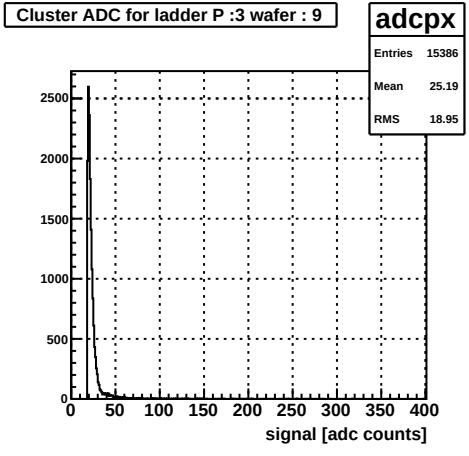

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 11040
Mean 31.06
RMS 12.76
signal [adc counts]

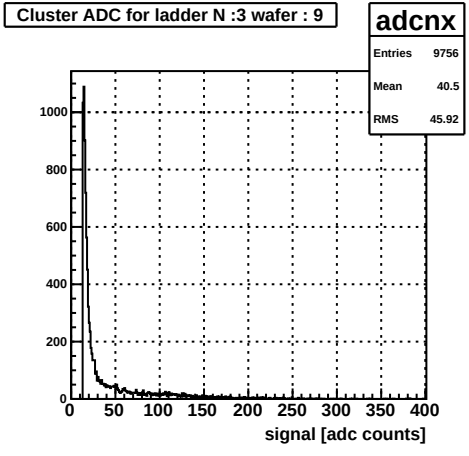

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 5155
Mean 26.24
RMS 32.01
signal [adc counts]

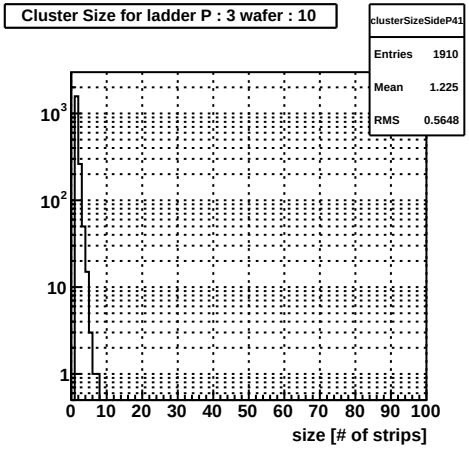

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 15386
Mean 1.043
RMS 0.2343
size [# of strips]

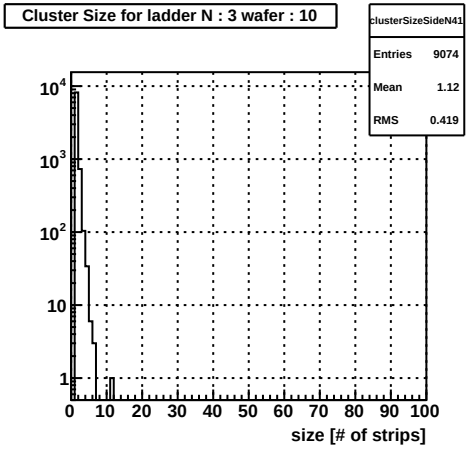

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 9756
Mean 1.224
RMS 0.5929
size [# of strips]

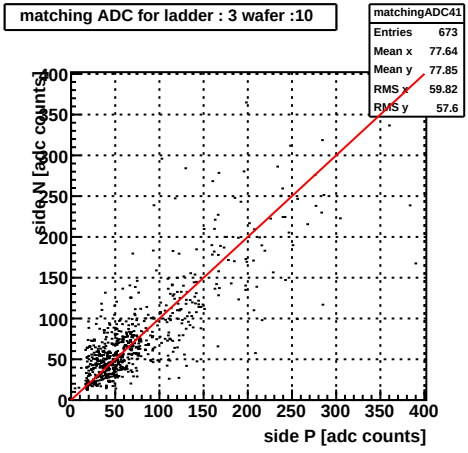

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 738
Mean x 51.73
Mean y 49.54
RMS x 56.25
RMS y 50.71
side N [adc counts]
side P [adc counts]

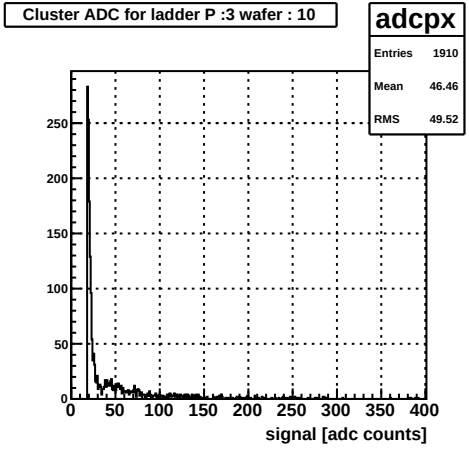

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 15386
Mean 25.19
RMS 18.95
signal [adc counts]

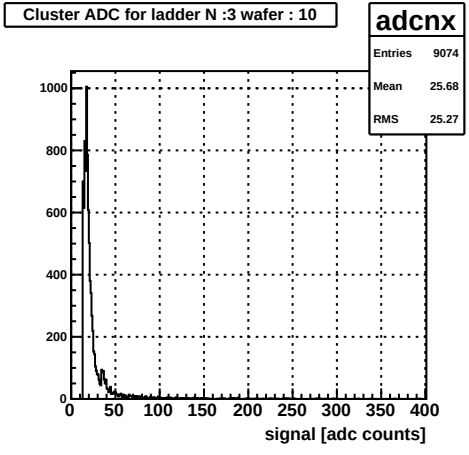

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 9756
Mean 40.5
RMS 45.92
signal [adc counts]

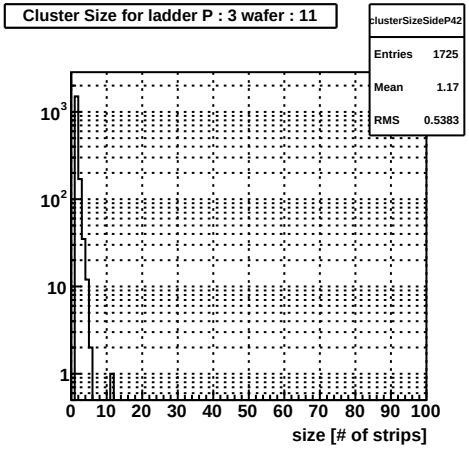

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1910
Mean 1.225
RMS 0.5648
size [# of strips]

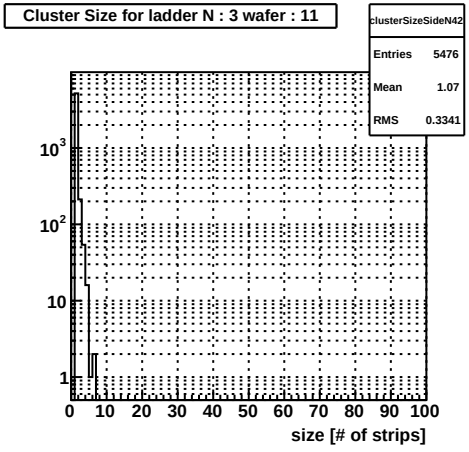

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 9074
Mean 1.12
RMS 0.419
size [# of strips]

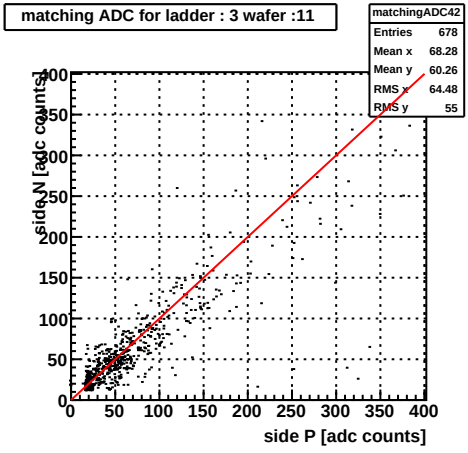

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 673
Mean x 77.64
Mean y 77.85
RMS x 59.82
RMS y 57.6
side N [adc counts]
side P [adc counts]

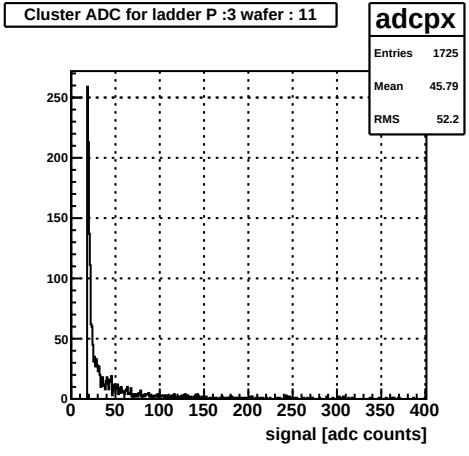

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1910
Mean 46.46
RMS 49.52
signal [adc counts]

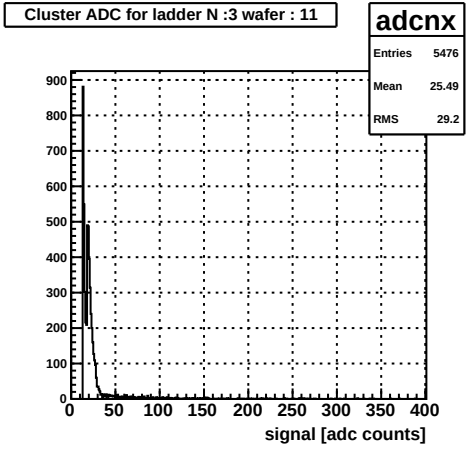

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 9074
Mean 25.68
RMS 25.27
signal [adc counts]

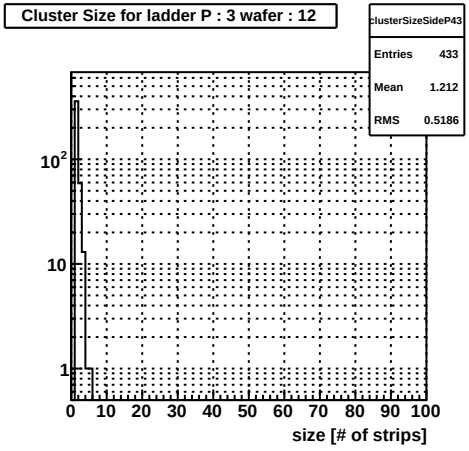

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1725
Mean 1.17
RMS 0.5383
size [# of strips]

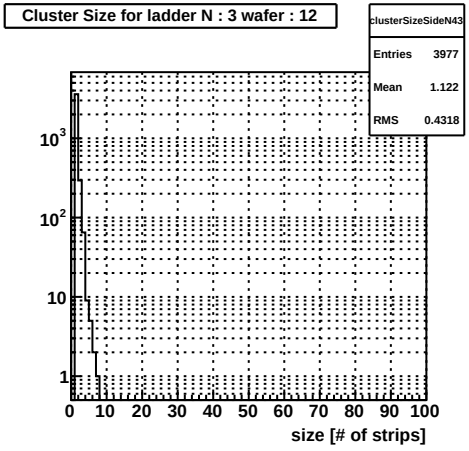

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 5476
Mean 1.07
RMS 0.3341
size [# of strips]

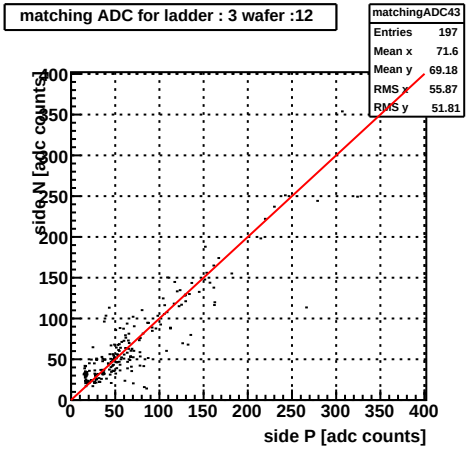

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 678
Mean x 68.28
Mean y 60.26
RMS x 64.48
RMS y 55
side N [adc counts]
side P [adc counts]

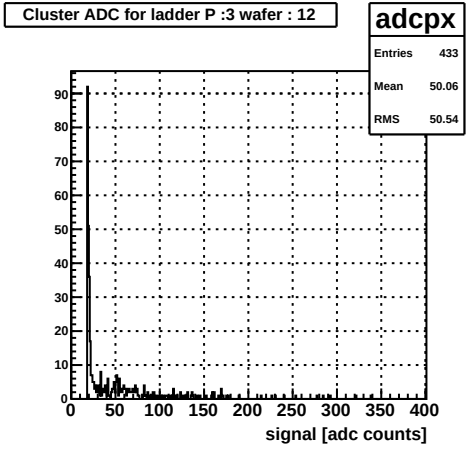

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1725
Mean 45.79
RMS 52.2
signal [adc counts]

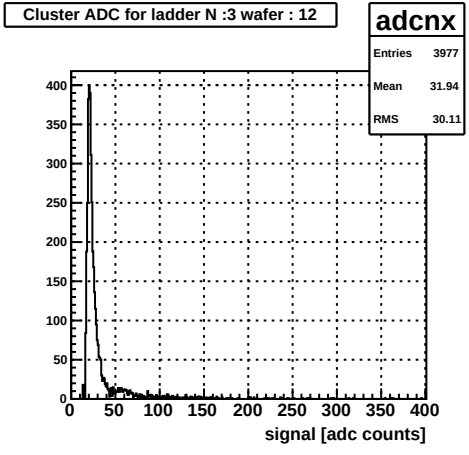

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 5476
Mean 25.49
RMS 29.2
signal [adc counts]

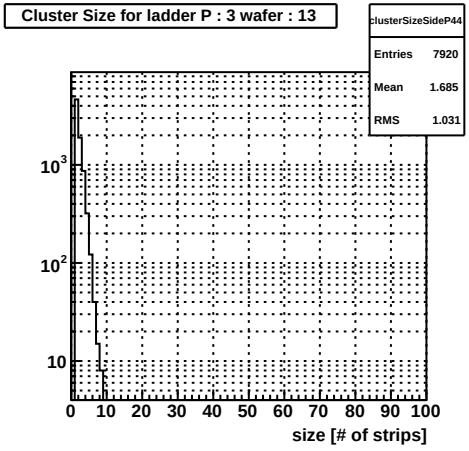

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 433
Mean 1.212
RMS 0.5186
size [# of strips]

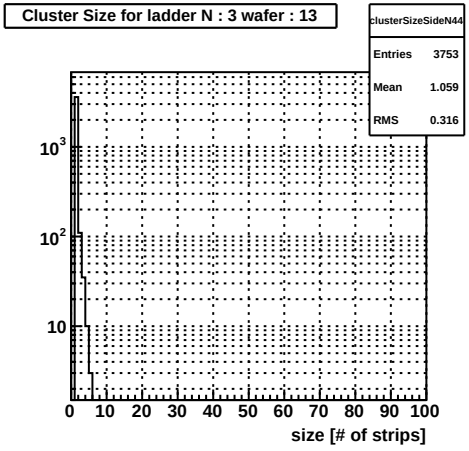

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3977
Mean 1.122
RMS 0.4318
size [# of strips]

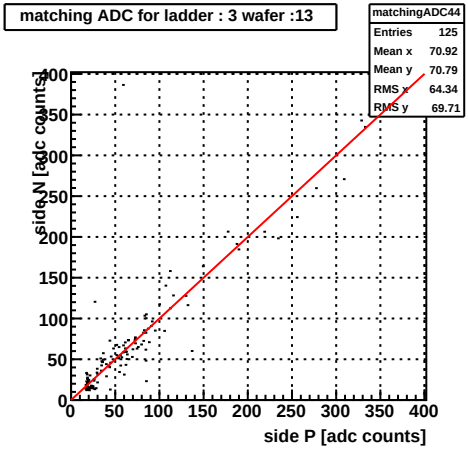

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 197
Mean x 71.6
Mean y 69.18
RMS x 55.87
RMS y 51.81
side N [adc counts]
side P [adc counts]

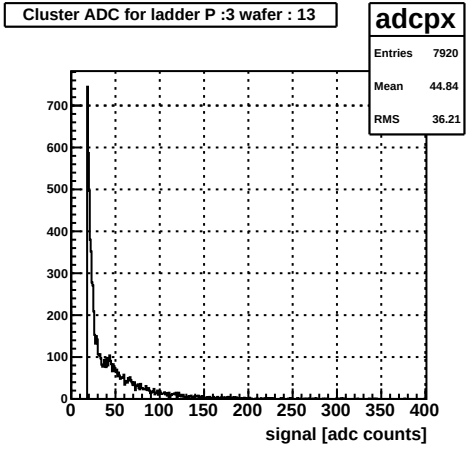

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 433
Mean 50.06
RMS 50.54
signal [adc counts]

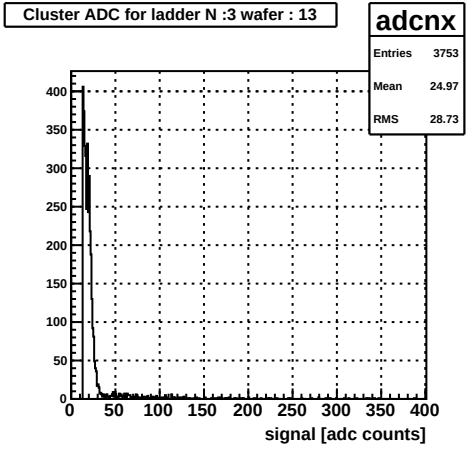

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3977
Mean 31.94
RMS 30.11
signal [adc counts]

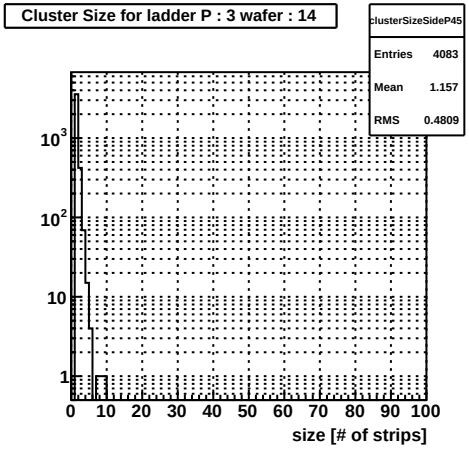

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 7920
Mean 1.685
RMS 1.031
size [# of strips]

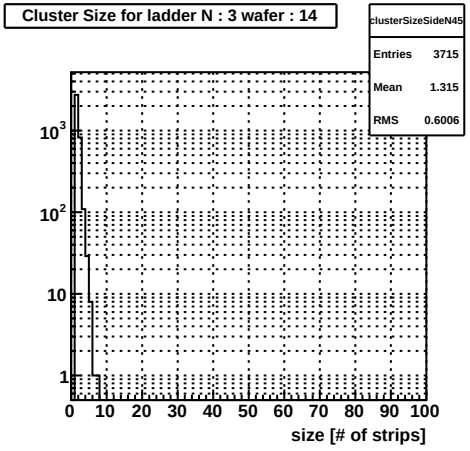

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 3753
Mean 1.059
RMS 0.316
size [# of strips]

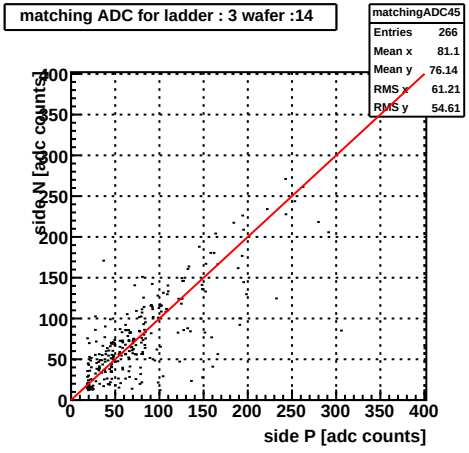

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 125
Mean x 70.92
Mean y 70.79
RMS x 64.34
RMS y 69.71
side N [adc counts]
side P [adc counts]

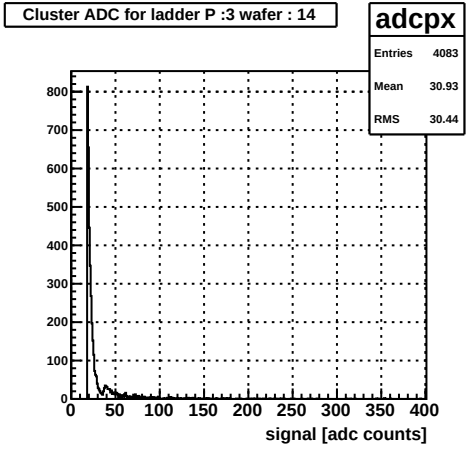

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 7920
Mean 44.84
RMS 36.21
signal [adc counts]

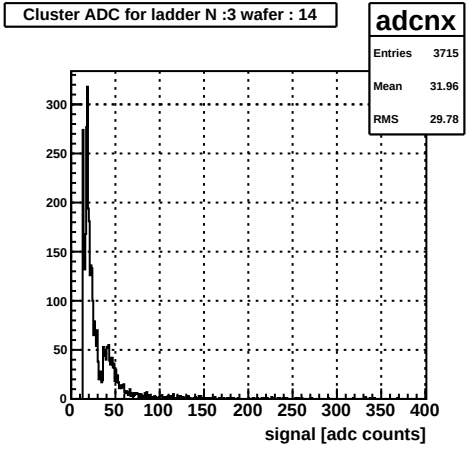

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 3753
Mean 24.97
RMS 28.73
signal [adc counts]

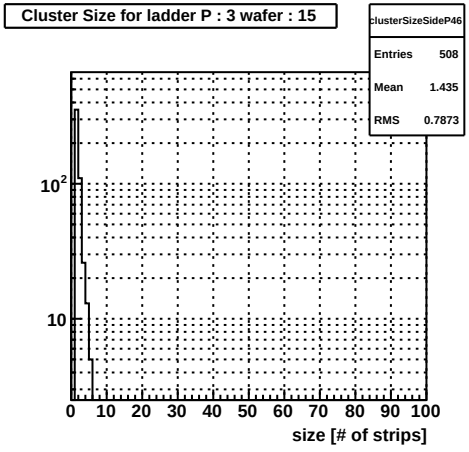

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 4083
Mean 1.157
RMS 0.4809
size [# of strips]

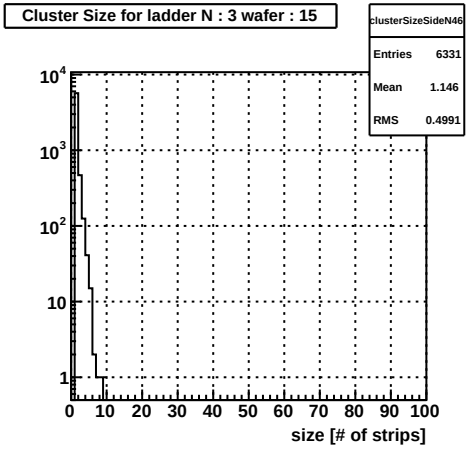

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 3715
Mean 1.315
RMS 0.6006
size [# of strips]

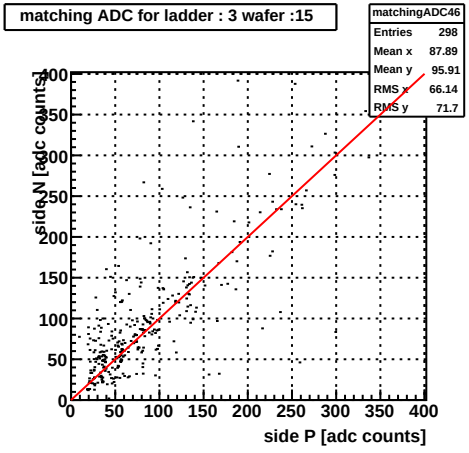

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 266
Mean x 81.1
Mean y 76.14
RMS x 61.21
RMS y 54.61
side N [adc counts]
side P [adc counts]

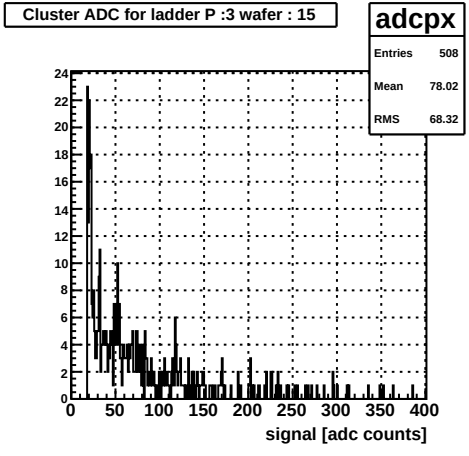

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 4083
Mean 30.93
RMS 30.44
signal [adc counts]

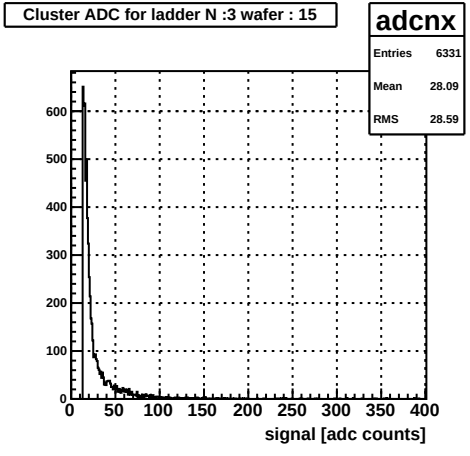

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 3715
Mean 31.96
RMS 29.78
signal [adc counts]

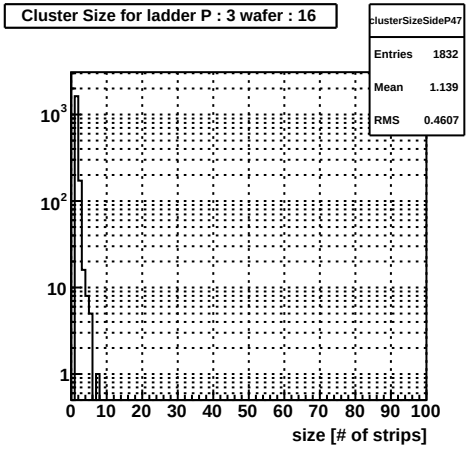

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 508
Mean 1.435
RMS 0.7873
size [# of strips]

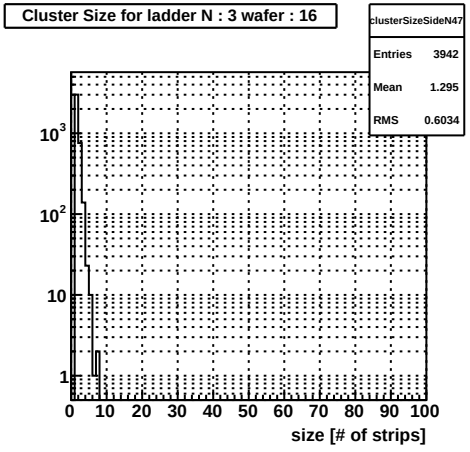

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 6331
Mean 1.146
RMS 0.4991
size [# of strips]

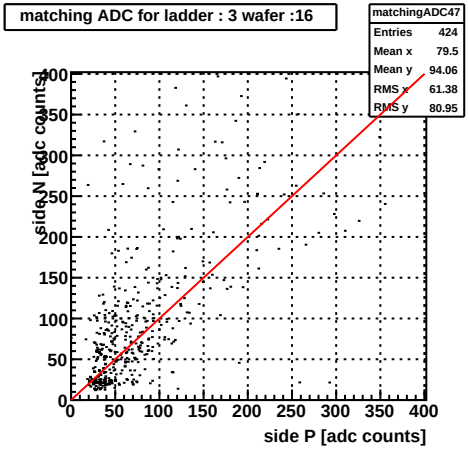

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 298
Mean x 87.89
Mean y 95.91
RMS x 66.14
RMS y 71.7
side N [adc counts]
side P [adc counts]

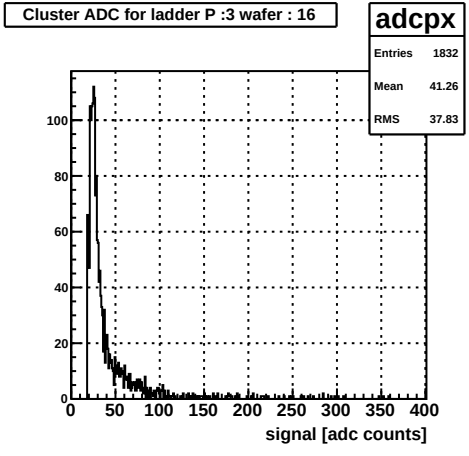

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 508
Mean 78.02
RMS 68.32
signal [adc counts]

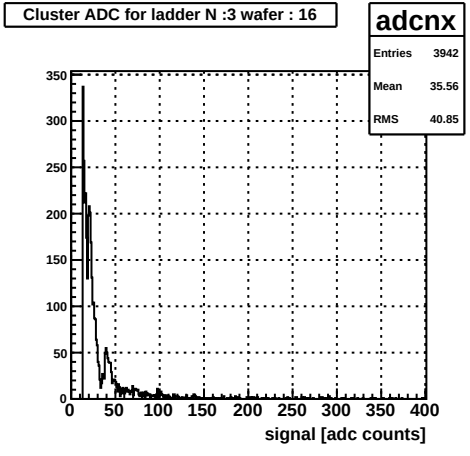

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 6331
Mean 28.09
RMS 28.59
signal [adc counts]

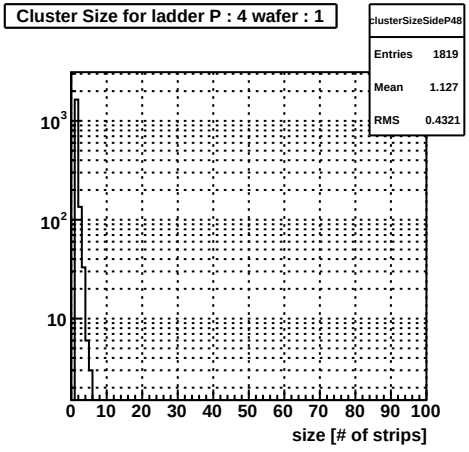

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1832
Mean 1.139
RMS 0.4607
size [# of strips]

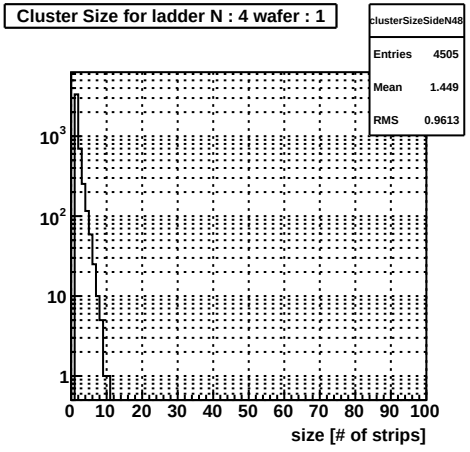

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3942
Mean 1.295
RMS 0.6034
size [# of strips]

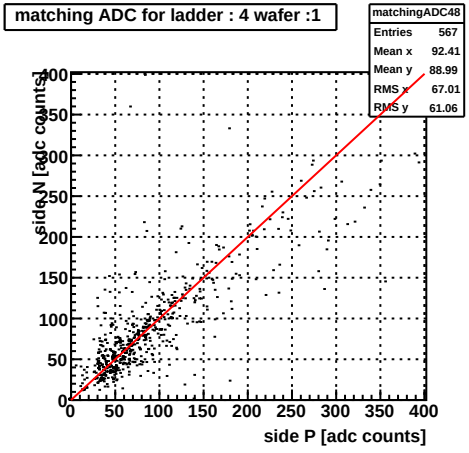

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 424
Mean x 79.5
Mean y 94.06
RMS x 61.38
RMS y 80.95
side N [adc counts]
side P [adc counts]

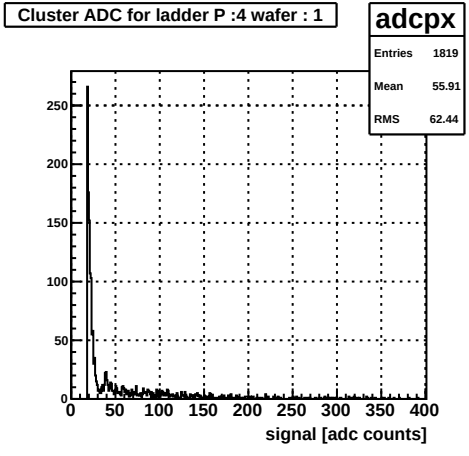

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1832
Mean 41.26
RMS 37.83
signal [adc counts]

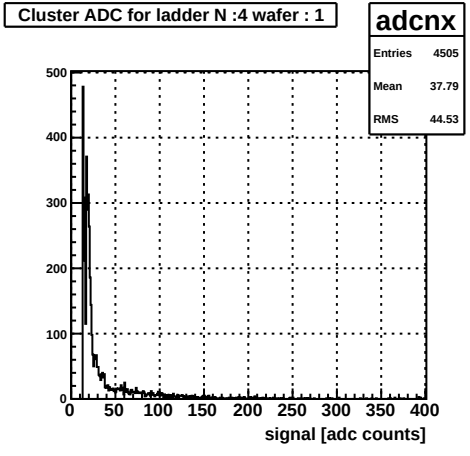

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3942
Mean 35.56
RMS 40.85
signal [adc counts]

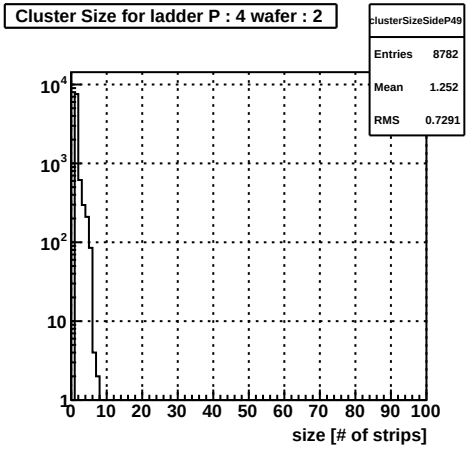

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1819
Mean 1.127
RMS 0.4321
size [# of strips]

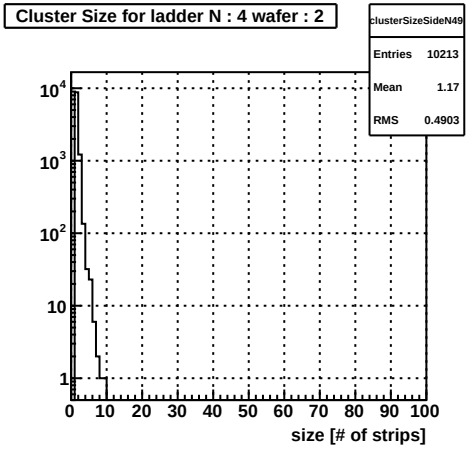

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 4505
Mean 1.449
RMS 0.9613
size [# of strips]

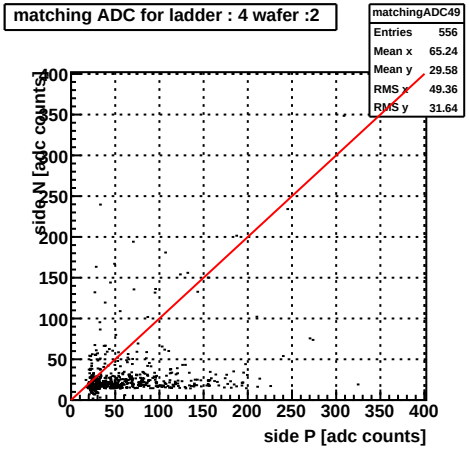

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 567
Mean x 92.41
Mean y 88.99
RMS x 67.01
RMS y 61.06
side N [adc counts]
side P [adc counts]

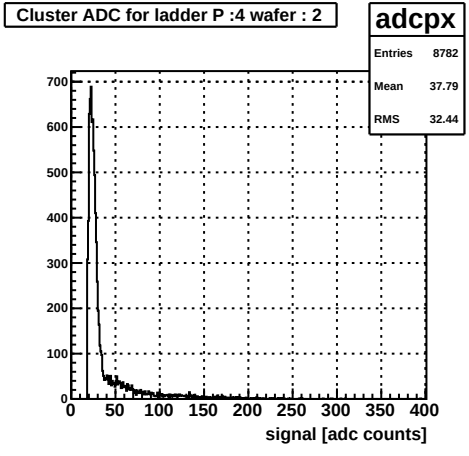

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1819
Mean 55.91
RMS 62.44
signal [adc counts]

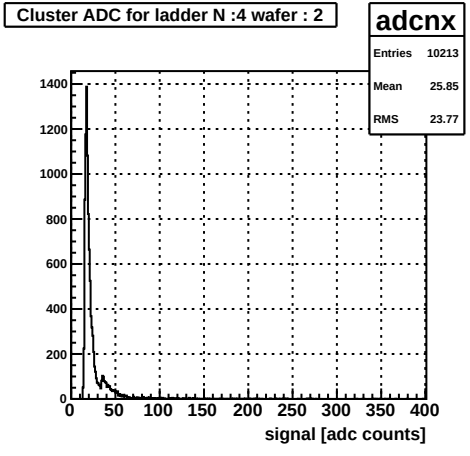

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 4505
Mean 37.79
RMS 44.53
signal [adc counts]

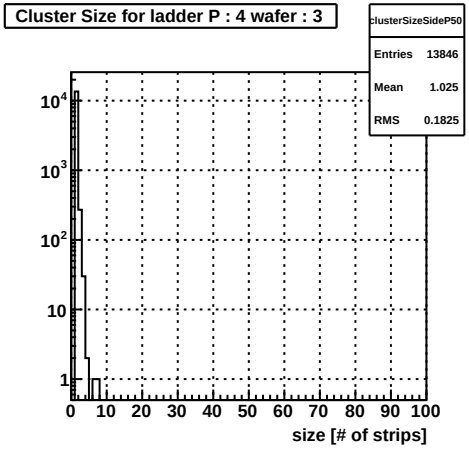

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 8782
Mean 1.252
RMS 0.7291
size [# of strips]

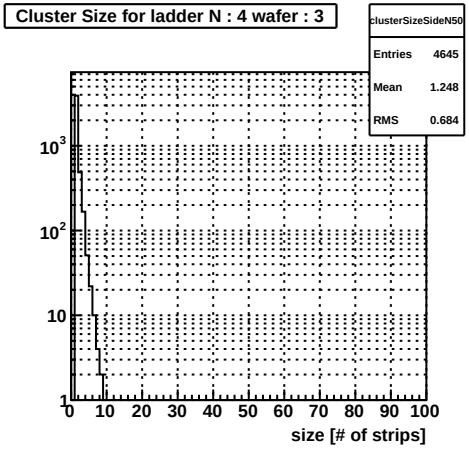

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 10213
Mean 1.17
RMS 0.4903
size [# of strips]

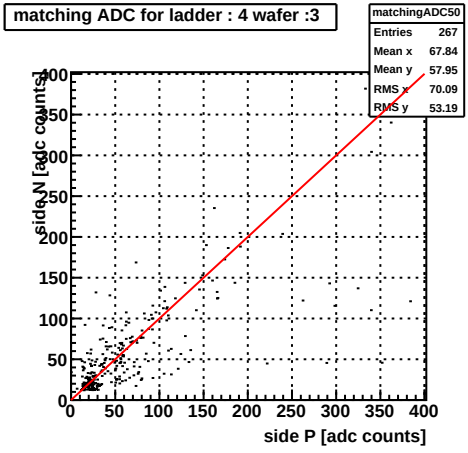

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 556
Mean x 65.24
Mean y 29.58
RMS x 49.36
RMS y 31.64
side N [adc counts]
side P [adc counts]

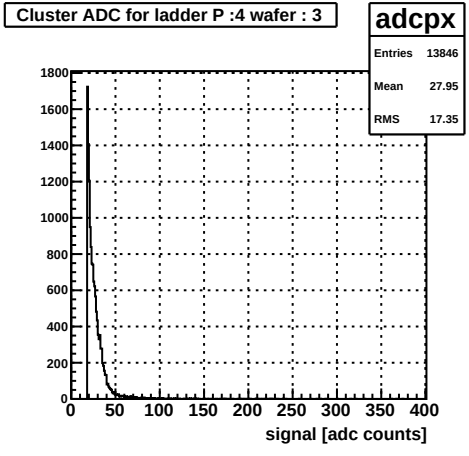

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 8782
Mean 37.79
RMS 32.44
signal [adc counts]

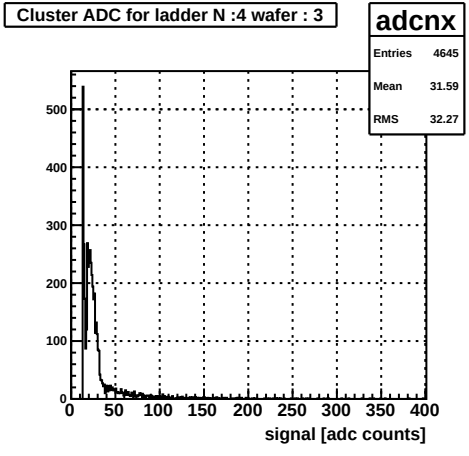

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 10213
Mean 25.85
RMS 23.77
signal [adc counts]

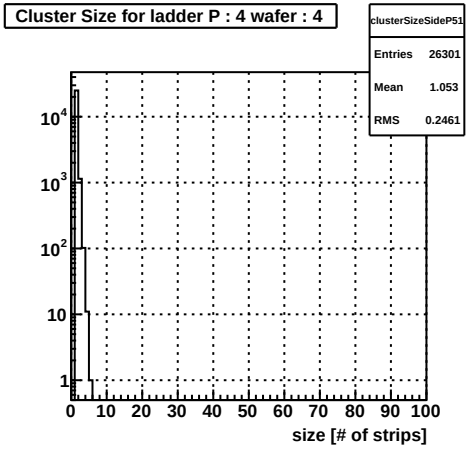

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 13846
Mean 1.025
RMS 0.1825
size [# of strips]

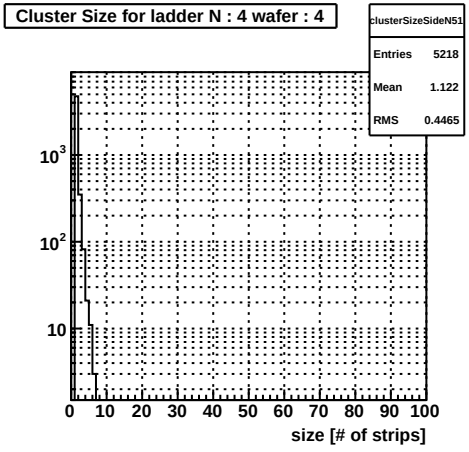

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 4645
Mean 1.248
RMS 0.684
size [# of strips]

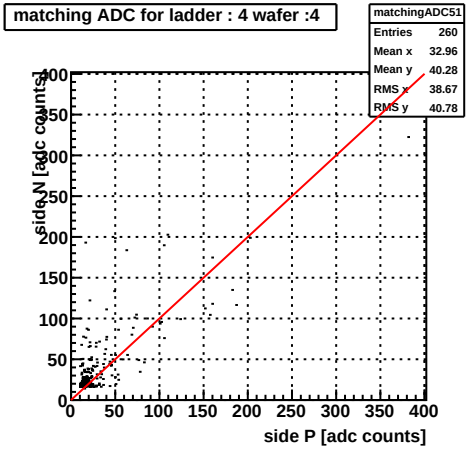

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 267
Mean x 67.84
Mean y 57.95
RMS x 70.09
RMS y 53.19
side N [adc counts]
side P [adc counts]

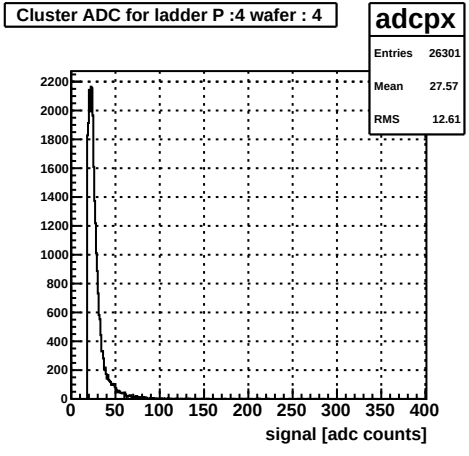

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 13846
Mean 27.95
RMS 17.35
signal [adc counts]

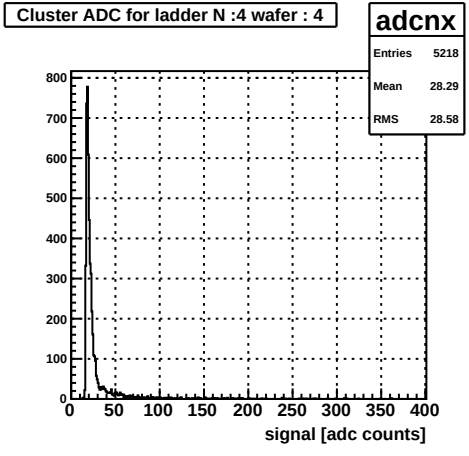

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 4645
Mean 31.59
RMS 32.27
signal [adc counts]

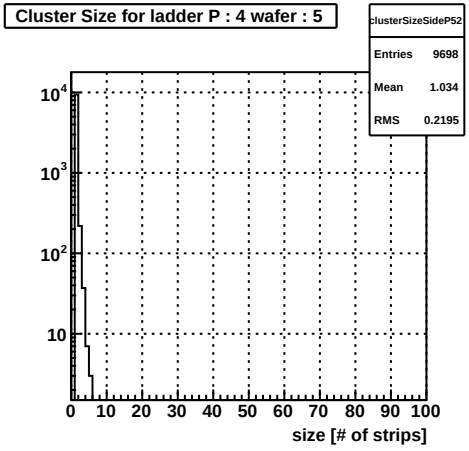

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 26301
Mean 1.053
RMS 0.2461
size [# of strips]

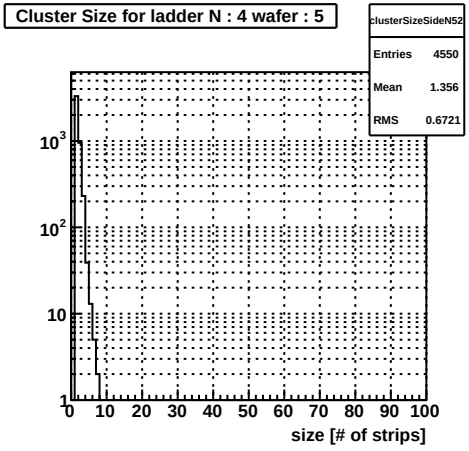

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 5218
Mean 1.122
RMS 0.4465
size [# of strips]

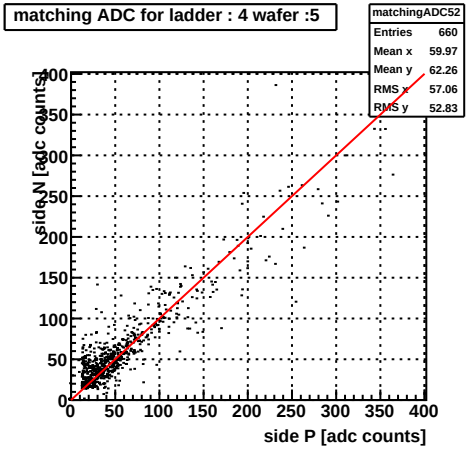

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 260
Mean x 32.96
Mean y 40.28
RMS x 38.67
RMS y 40.78
side N [adc counts]
side P [adc counts]

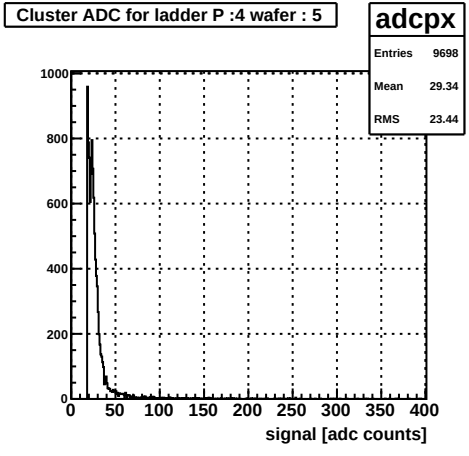

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 26301
Mean 27.57
RMS 12.61
signal [adc counts]

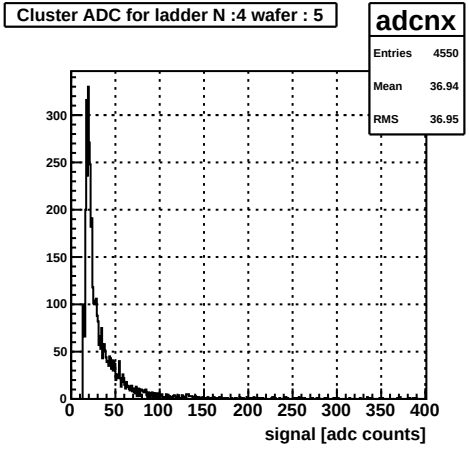

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 5218
Mean 28.29
RMS 28.58
signal [adc counts]

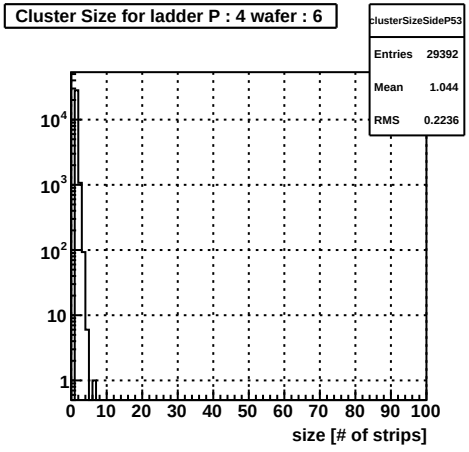

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 9698
Mean 1.034
RMS 0.2195
size [# of strips]

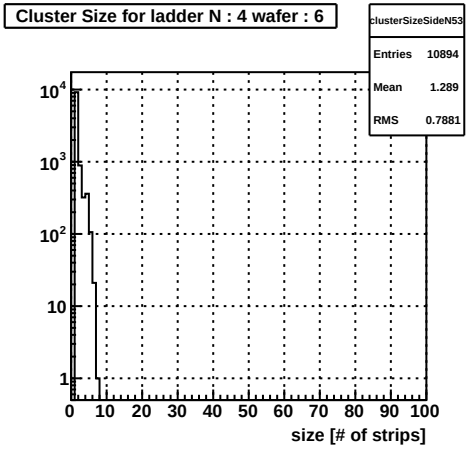

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 4550
Mean 1.356
RMS 0.6721
size [# of strips]

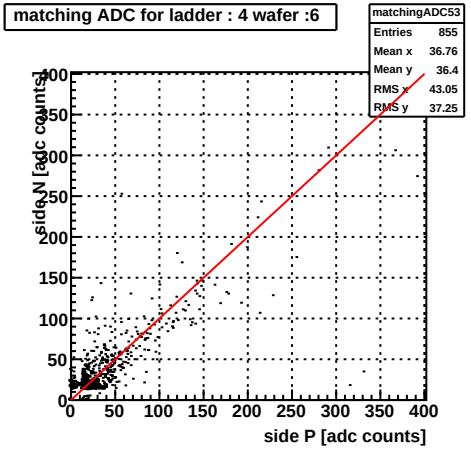

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 660
Mean x 59.97
Mean y 62.26
RMS x 57.06
RMS y 52.83
side N [adc counts]
side P [adc counts]

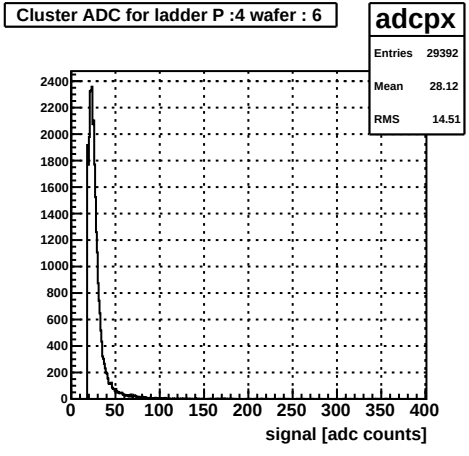

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 9698
Mean 29.34
RMS 23.44
signal [adc counts]

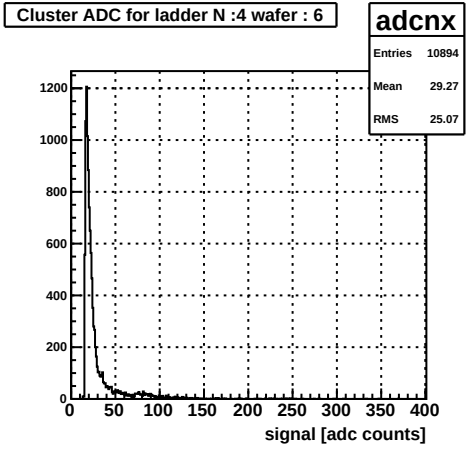

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 4550
Mean 36.94
RMS 36.95
signal [adc counts]

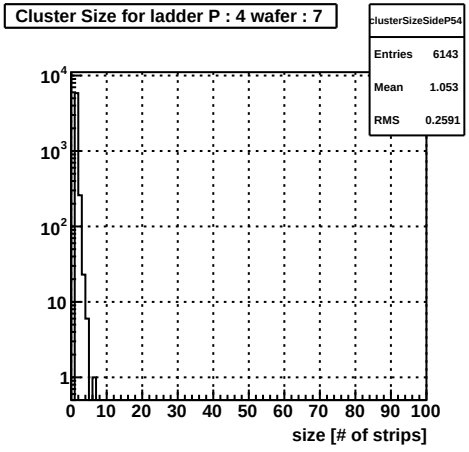

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 29392
Mean 1.044
RMS 0.2236
size [# of strips]

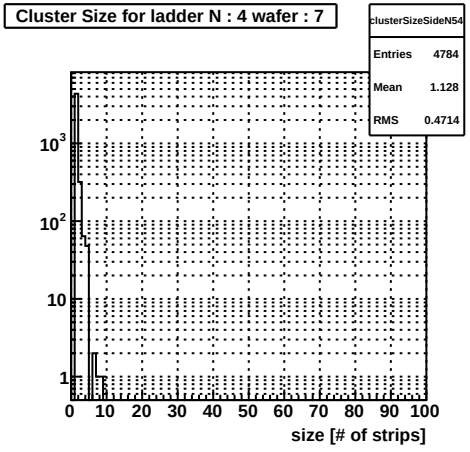

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 10894
Mean 1.289
RMS 0.7881
size [# of strips]

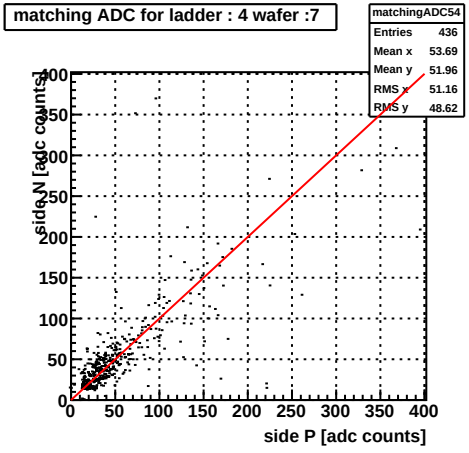

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 855
Mean x 36.76
Mean y 36.4
RMS x 43.05
RMS y 37.25
side N [adc counts]
side P [adc counts]

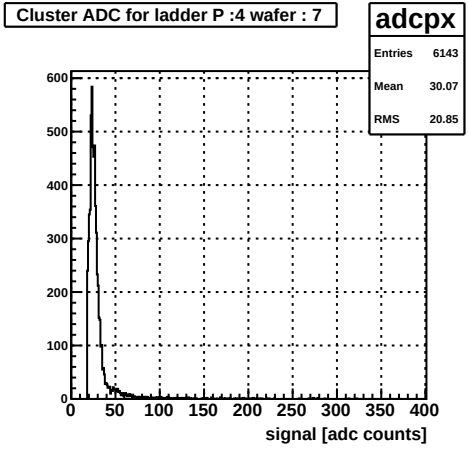

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 29392
Mean 28.12
RMS 14.51
signal [adc counts]

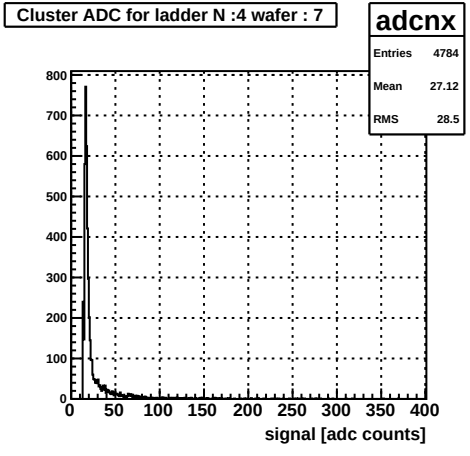

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 10894
Mean 29.27
RMS 25.07
signal [adc counts]

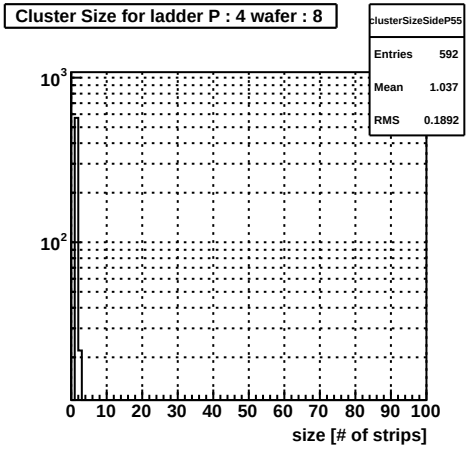

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 6143
Mean 1.053
RMS 0.2591
size [# of strips]

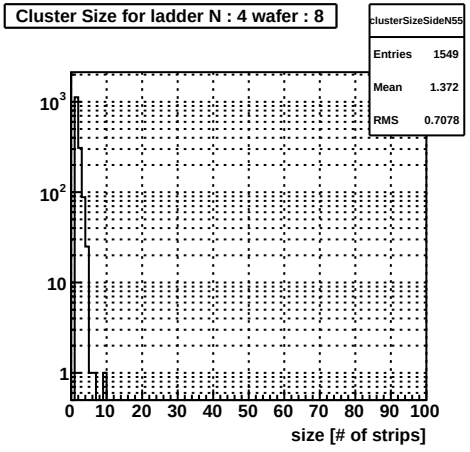

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 4784
Mean 1.128
RMS 0.4714
size [# of strips]

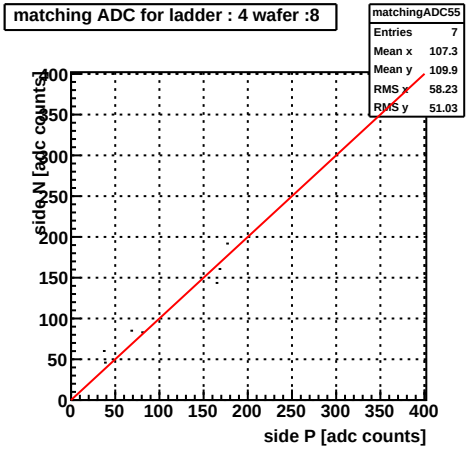

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 436
Mean x 53.69
Mean y 51.96
RMS x 51.16
RMS y 48.62
side N [adc counts]
side P [adc counts]

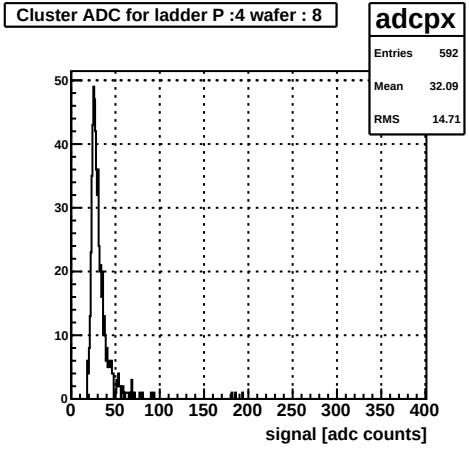

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 6143
Mean 30.07
RMS 20.85
signal [adc counts]

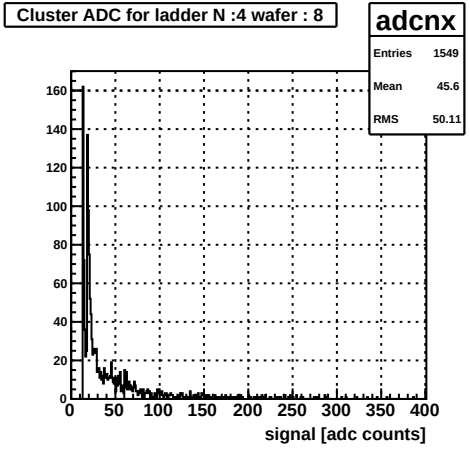

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 4784
Mean 27.12
RMS 28.5
signal [adc counts]

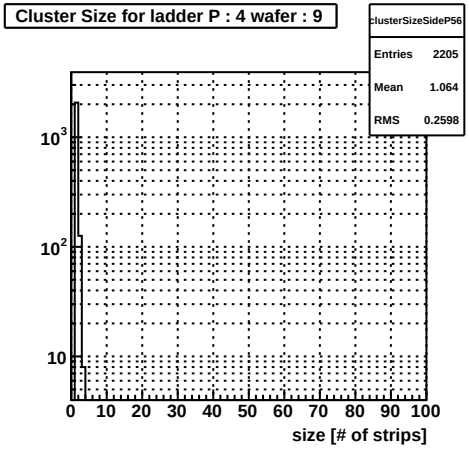

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 592
Mean 1.037
RMS 0.1892
size [# of strips]

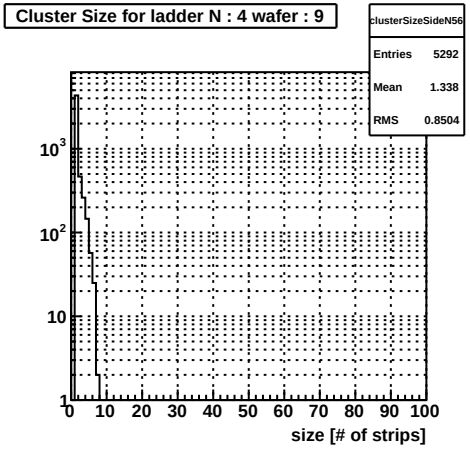

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 1549
Mean 1.372
RMS 0.7078
size [# of strips]

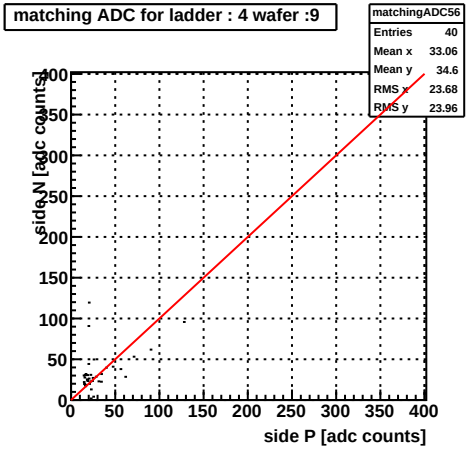

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 7
Mean x 107.3
Mean y 109.9
RMS x 58.23
RMS y 51.03
side N [adc counts]
side P [adc counts]

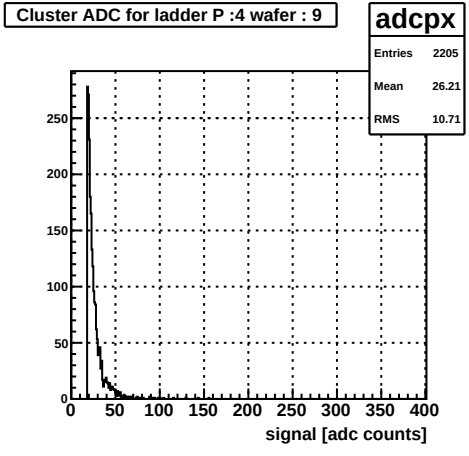

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 592
Mean 32.09
RMS 14.71
signal [adc counts]

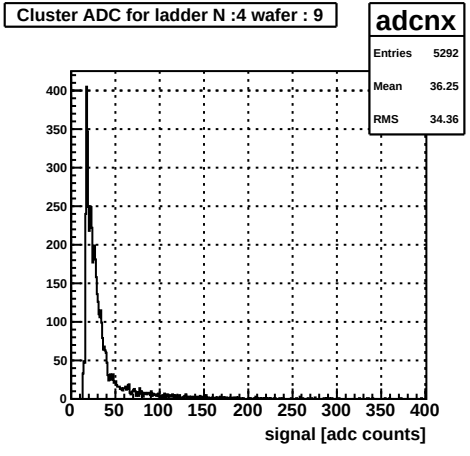

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 1549
Mean 45.6
RMS 50.11
signal [adc counts]

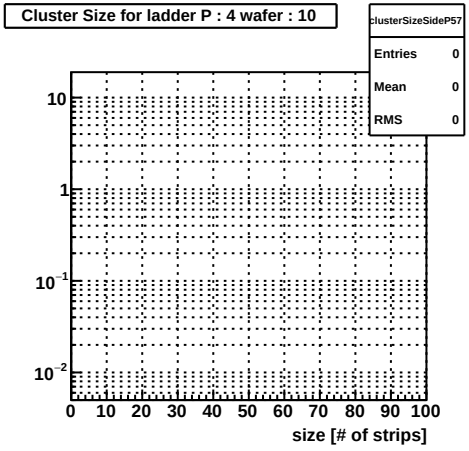

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 2205
Mean 1.064
RMS 0.2598
size [# of strips]

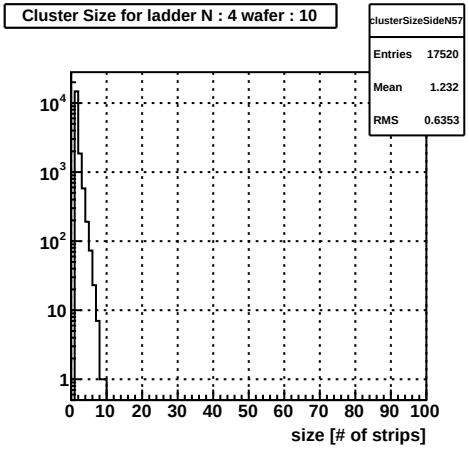

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 5292
Mean 1.338
RMS 0.8504
size [# of strips]

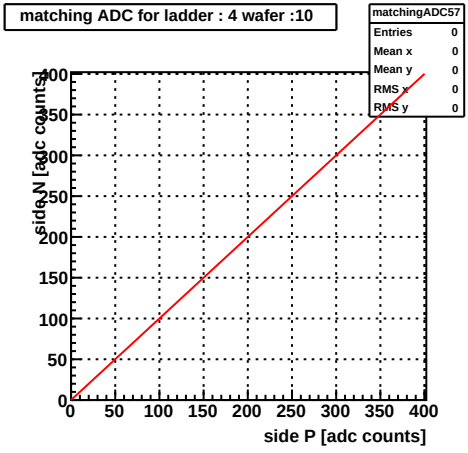

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 40
Mean x 33.06
Mean y 34.6
RMS x 23.68
RMS y 23.96
side N [adc counts]
side P [adc counts]

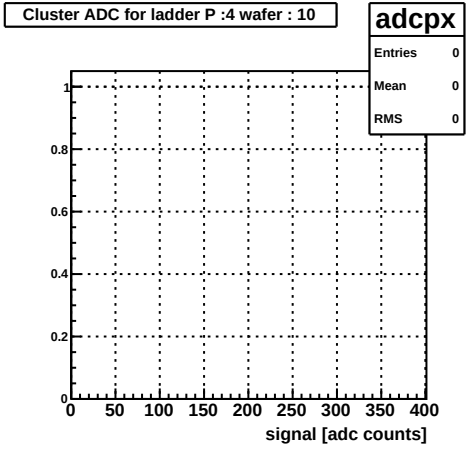

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 2205
Mean 26.21
RMS 10.71
signal [adc counts]

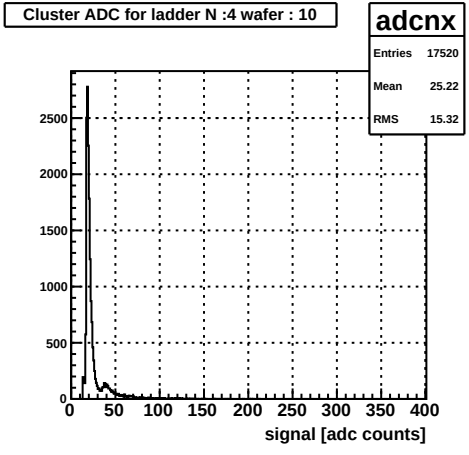

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 5292
Mean 36.25
RMS 34.36
signal [adc counts]

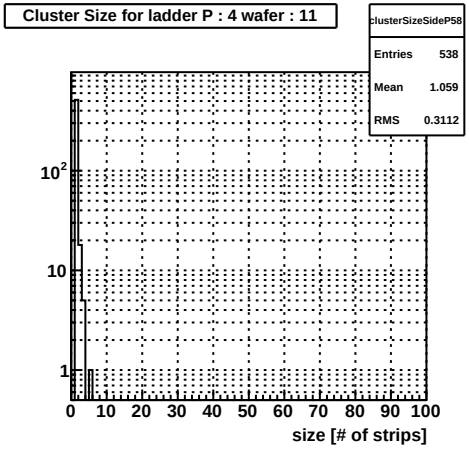

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

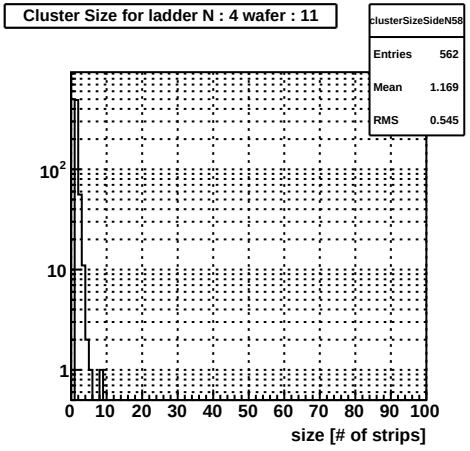

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 17520
Mean 1.232
RMS 0.6353
size [# of strips]

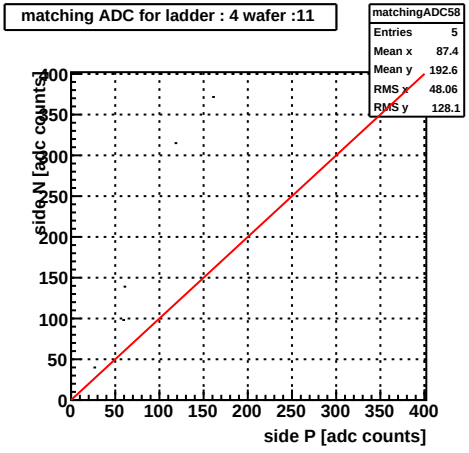

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

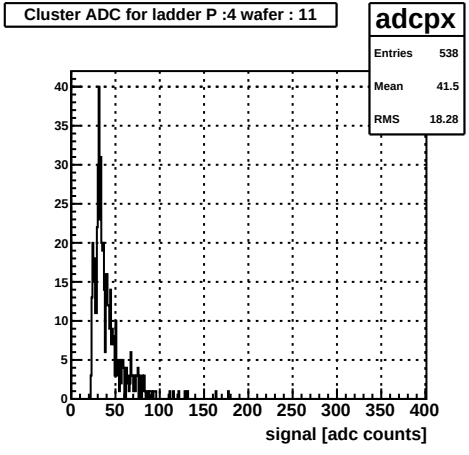

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

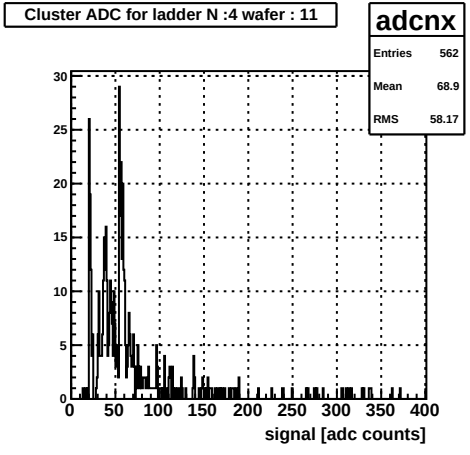

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 17520
Mean 25.22
RMS 15.32
signal [adc counts]

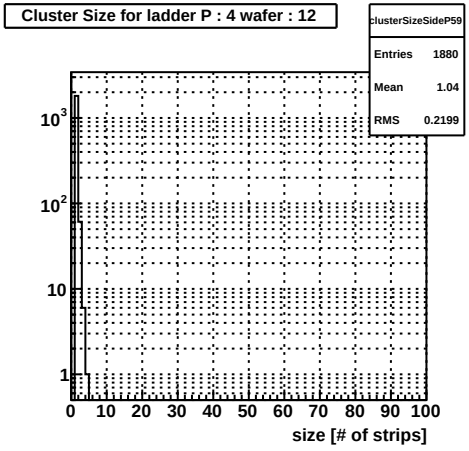

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 538
Mean 1.059
RMS 0.3112
size [# of strips]

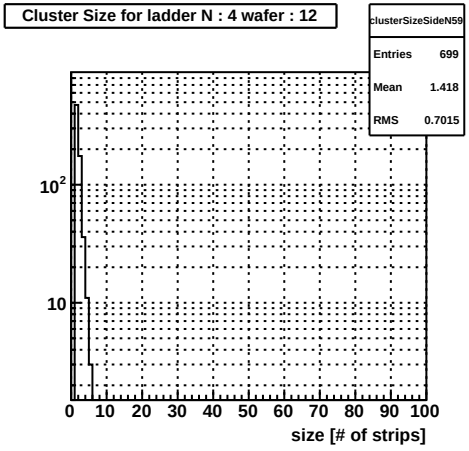

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 562
Mean 1.169
RMS 0.545
size [# of strips]

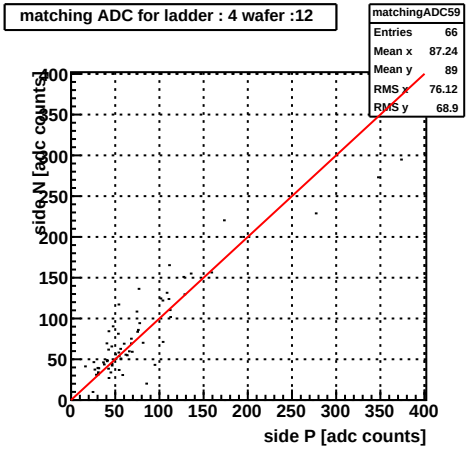

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 5
Mean x 87.4
Mean y 192.6
RMS x 48.06
RMS y 128.1
side N [adc counts]
side P [adc counts]

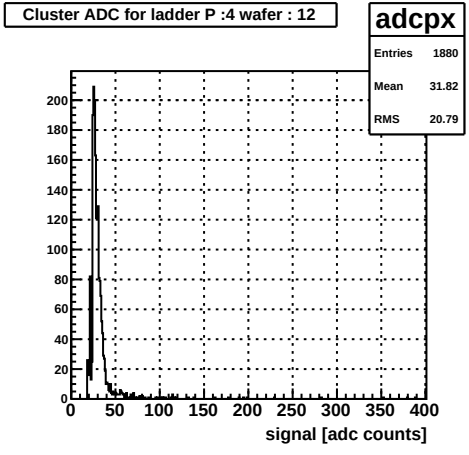

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 538
Mean 41.5
RMS 18.28
signal [adc counts]

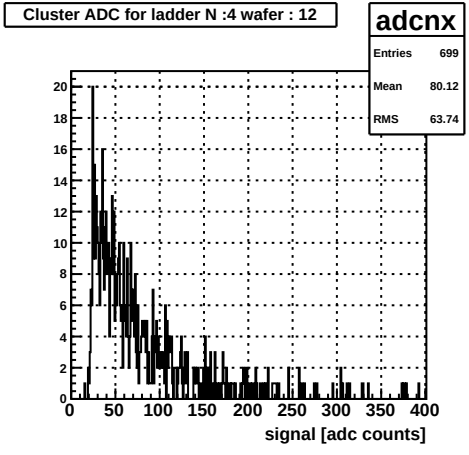

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 562
Mean 68.9
RMS 58.17
signal [adc counts]

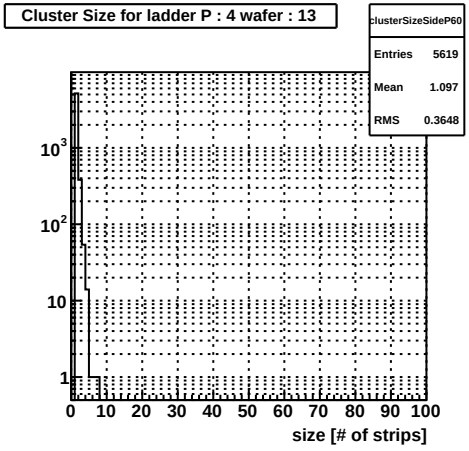

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 1880
Mean 1.04
RMS 0.2199
size [# of strips]

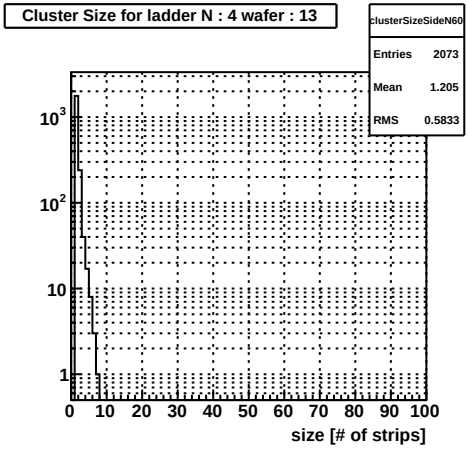

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 699
Mean 1.418
RMS 0.7015
size [# of strips]

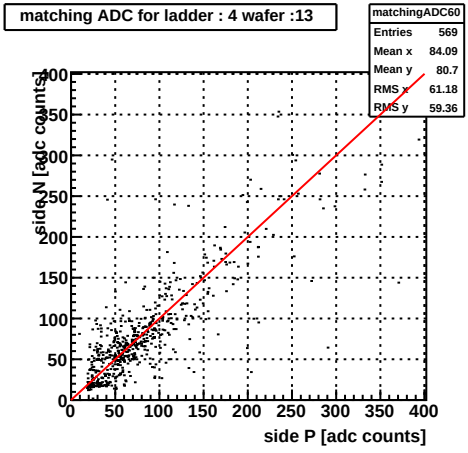

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 66
Mean x 87.24
Mean y 89
RMS x 76.12
RMS y 68.9
side N [adc counts]
side P [adc counts]

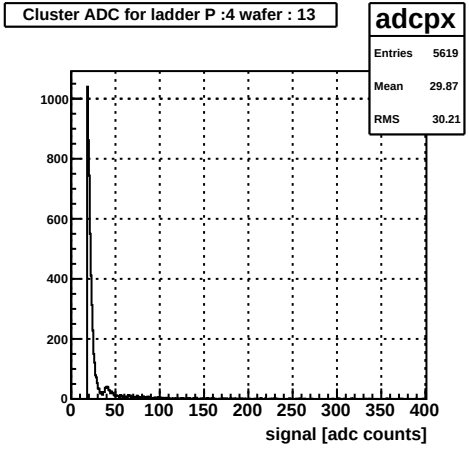

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 1880
Mean 31.82
RMS 20.79
signal [adc counts]

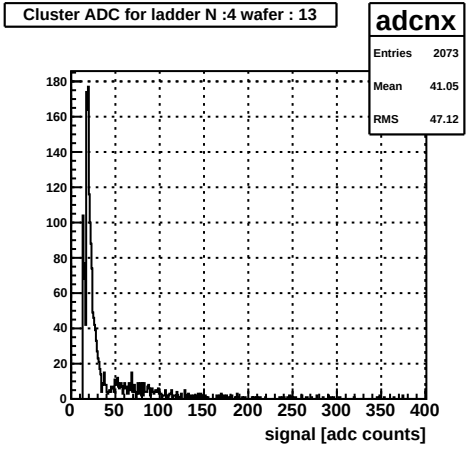

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 699
Mean 80.12
RMS 63.74
signal [adc counts]

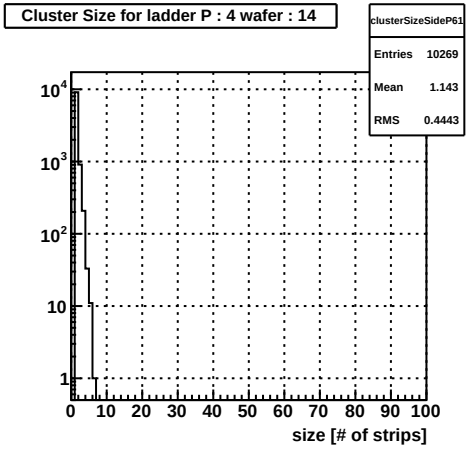

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 5619
Mean 1.097
RMS 0.3648
size [# of strips]

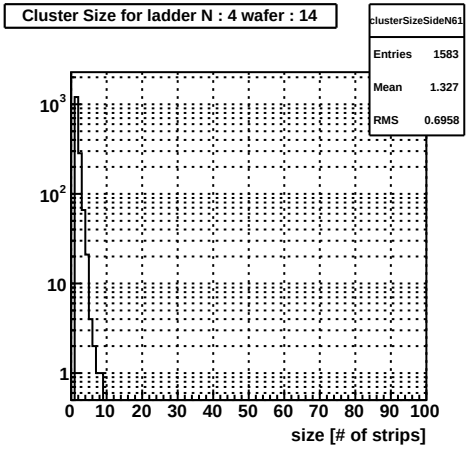

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2073
Mean 1.205
RMS 0.5833
size [# of strips]

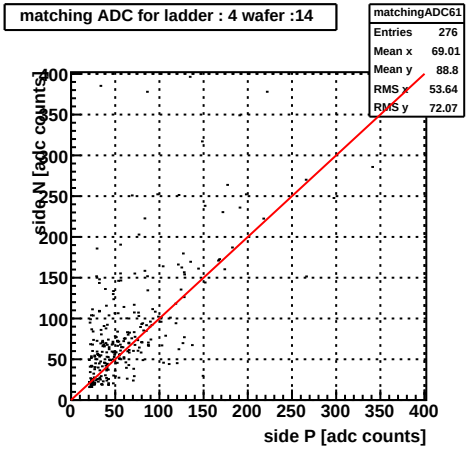

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 569
Mean x 84.09
Mean y 80.7
RMS x 61.18
RMS y 59.36
side N [adc counts]
side P [adc counts]

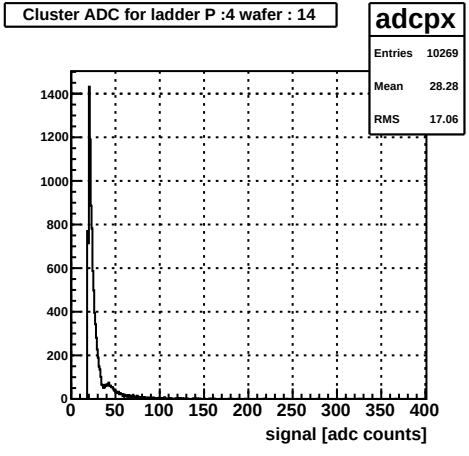

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 5619
Mean 29.87
RMS 30.21
signal [adc counts]

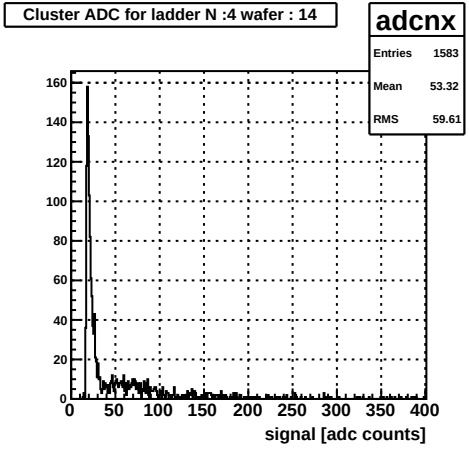

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2073
Mean 41.05
RMS 47.12
signal [adc counts]

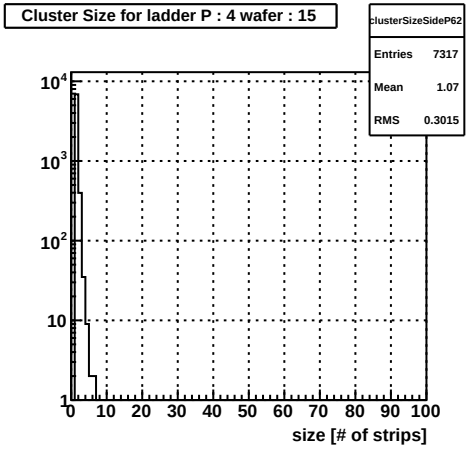

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 10269
Mean 1.143
RMS 0.4443
size [# of strips]

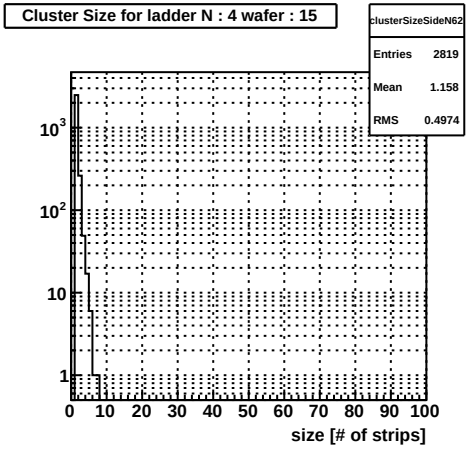

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1583
Mean 1.327
RMS 0.6958
size [# of strips]

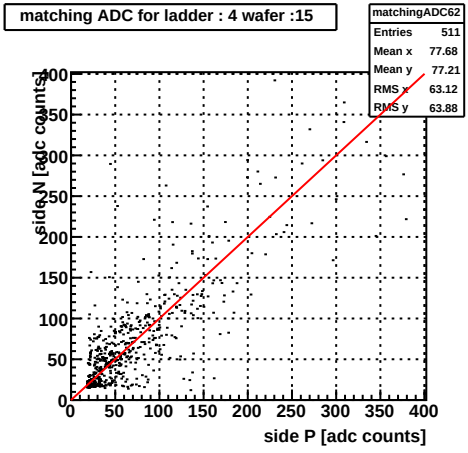

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 276
Mean x 69.01
Mean y 88.8
RMS x 53.64
RMS y 72.07
side N [adc counts]
side P [adc counts]

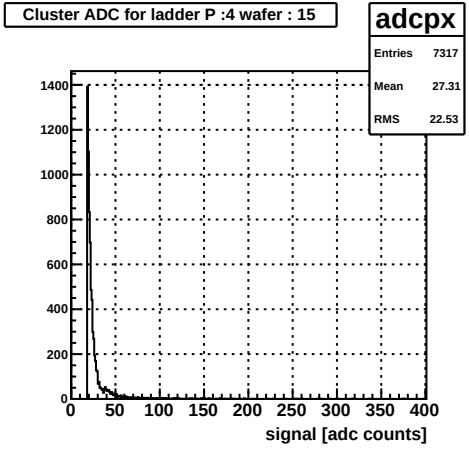

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 10269
Mean 28.28
RMS 17.06
signal [adc counts]

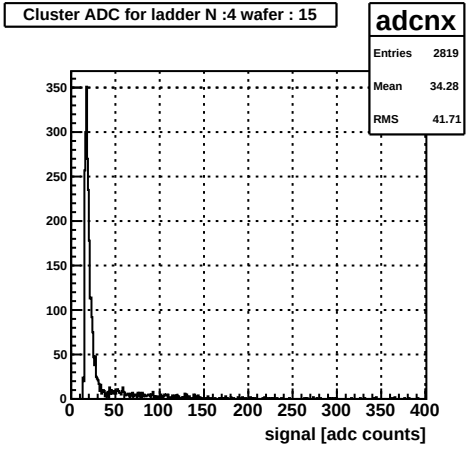

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1583
Mean 53.32
RMS 59.61
signal [adc counts]

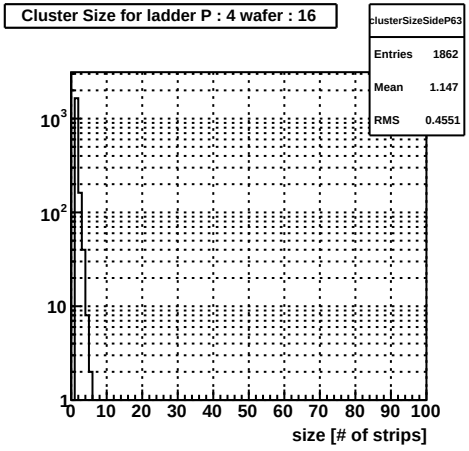

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 7317
Mean 1.07
RMS 0.3015
size [# of strips]

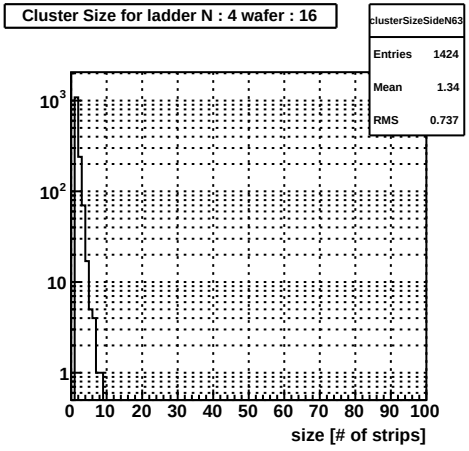

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 2819
Mean 1.158
RMS 0.4974
size [# of strips]

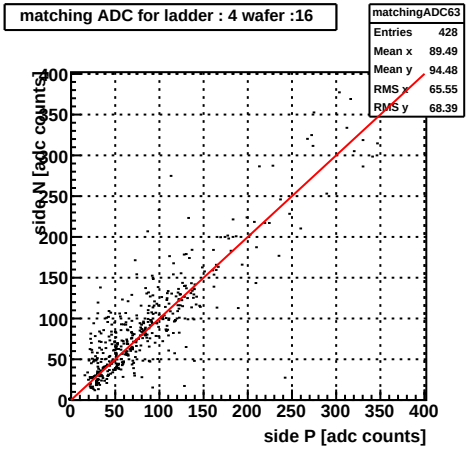

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 511
Mean x 77.68
Mean y 77.21
RMS x 63.12
RMS y 63.88
side N [adc counts]
side P [adc counts]

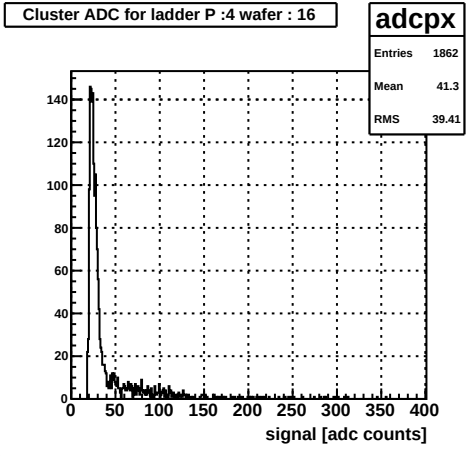

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 7317
Mean 27.31
RMS 22.53
signal [adc counts]

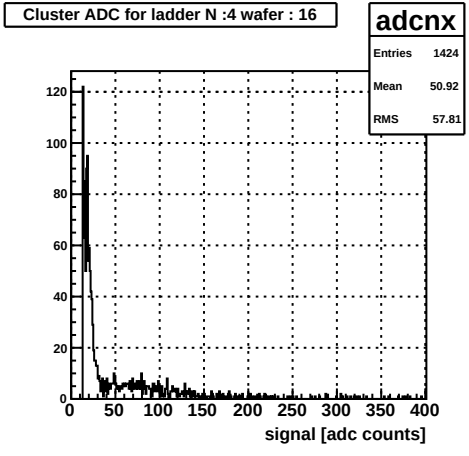

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 2819
Mean 34.28
RMS 41.71
signal [adc counts]

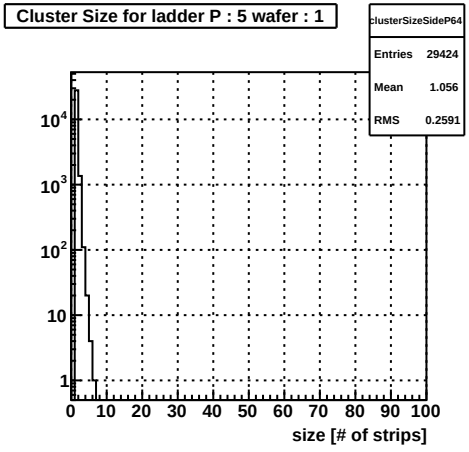

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 1862
Mean 1.147
RMS 0.4551
size [# of strips]

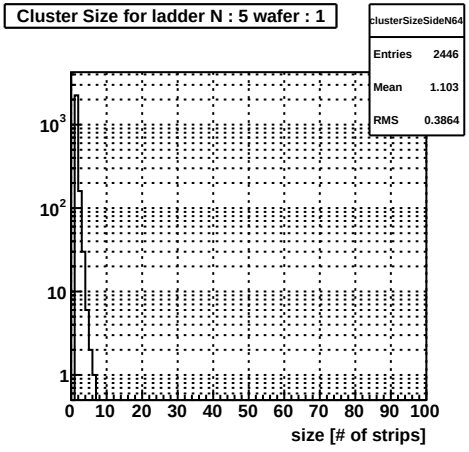

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 1424
Mean 1.34
RMS 0.737
size [# of strips]

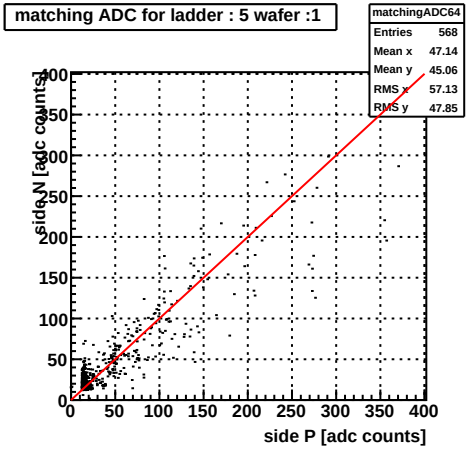

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 428
Mean x 89.49
Mean y 94.48
RMS x 65.55
RMS y 68.39
side N [adc counts]
side P [adc counts]

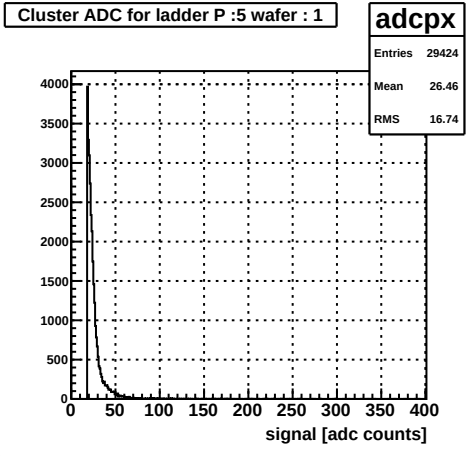

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 1862
Mean 41.3
RMS 39.41
signal [adc counts]

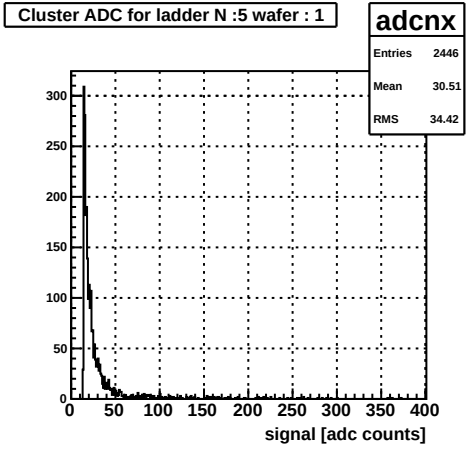

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 1424
Mean 50.92
RMS 57.81
signal [adc counts]

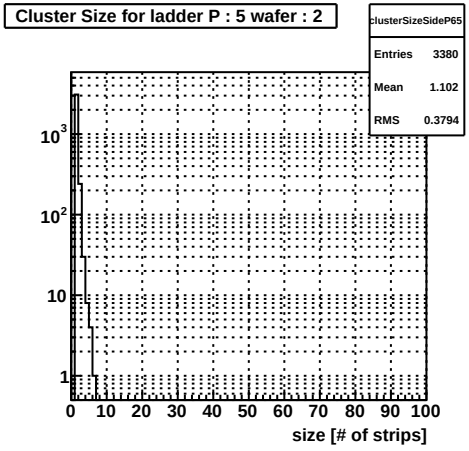

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 29424
Mean 1.056
RMS 0.2591
size [# of strips]

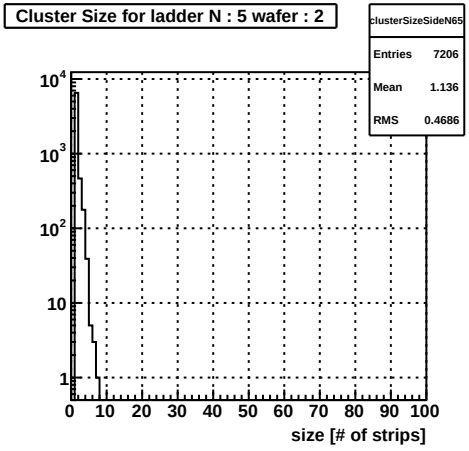

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 2446
Mean 1.103
RMS 0.3864
size [# of strips]

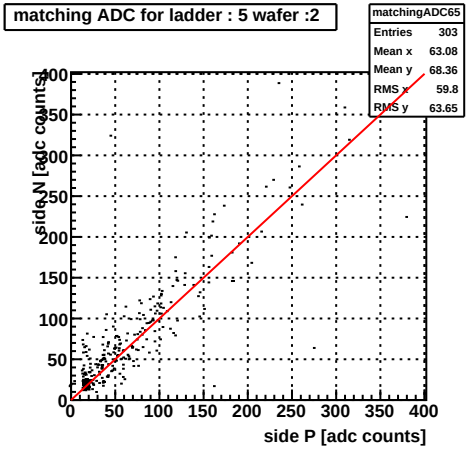

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 568
Mean x 47.14
Mean y 45.06
RMS x 57.13
RMS y 47.85
side N [adc counts]
side P [adc counts]

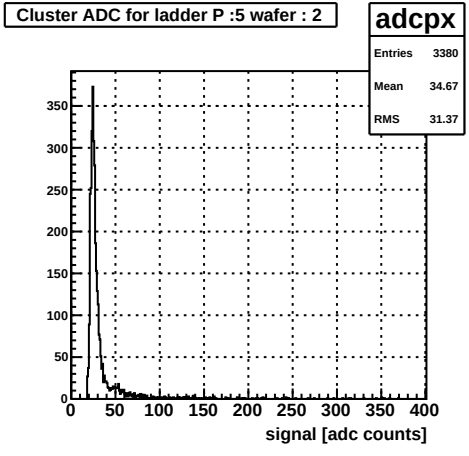

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 29424
Mean 26.46
RMS 16.74
signal [adc counts]

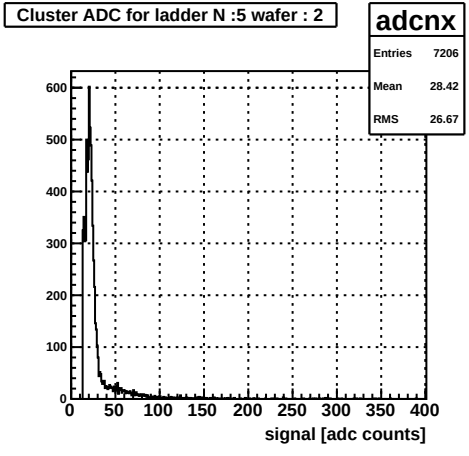

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 2446
Mean 30.51
RMS 34.42
signal [adc counts]

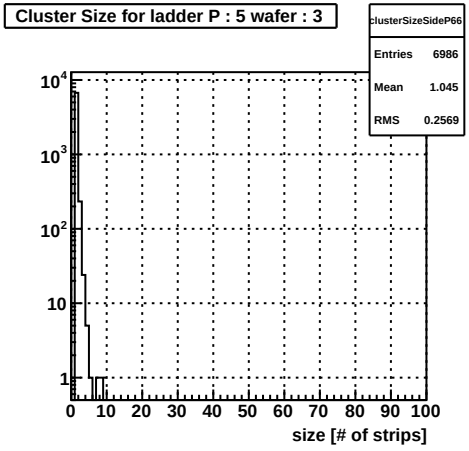

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 3380
Mean 1.102
RMS 0.3794
size [# of strips]

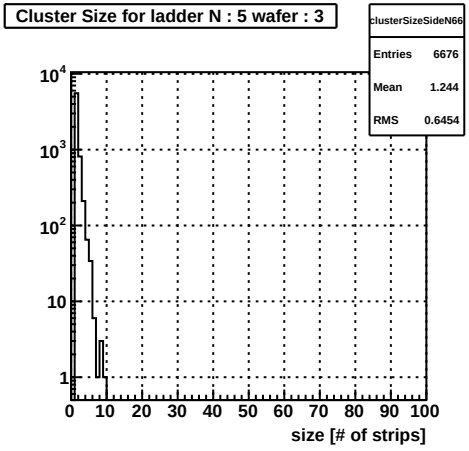

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 7206
Mean 1.136
RMS 0.4686
size [# of strips]

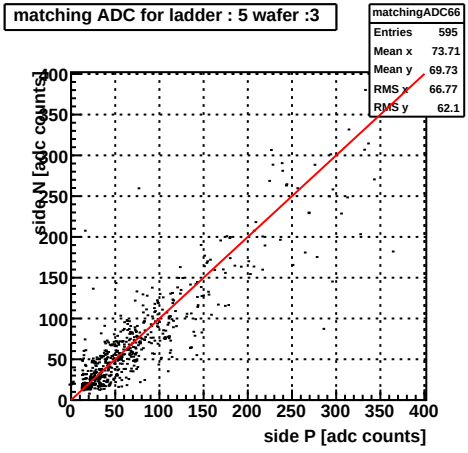

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 303
Mean x 63.08
Mean y 68.36
RMS x 59.8
RMS y 63.65
side N [adc counts]
side P [adc counts]

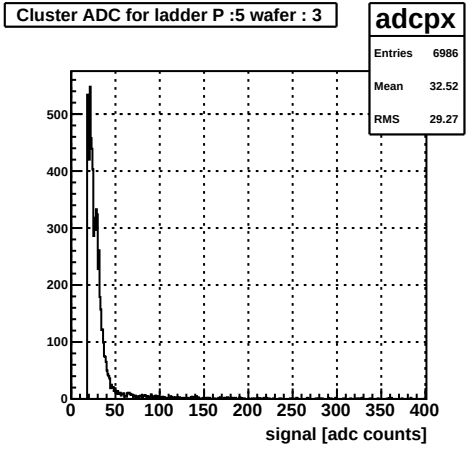

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 3380
Mean 34.67
RMS 31.37
signal [adc counts]

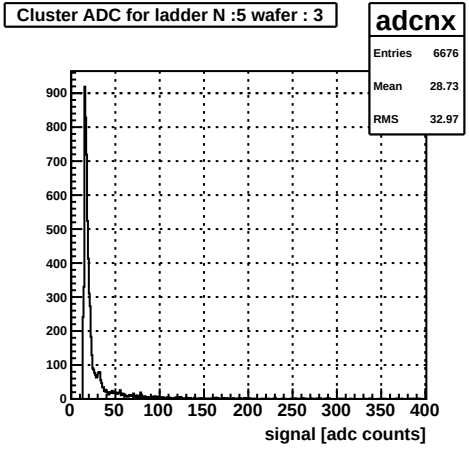

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 7206
Mean 28.42
RMS 26.67
signal [adc counts]

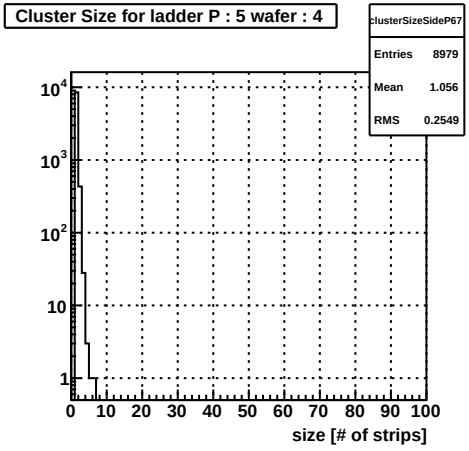

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 6986
Mean 1.045
RMS 0.2569
size [# of strips]

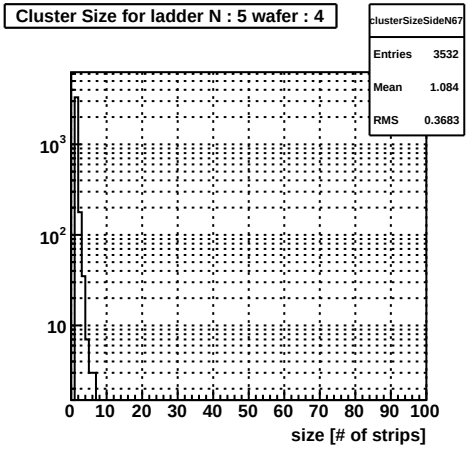

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 6676
Mean 1.244
RMS 0.6454
size [# of strips]

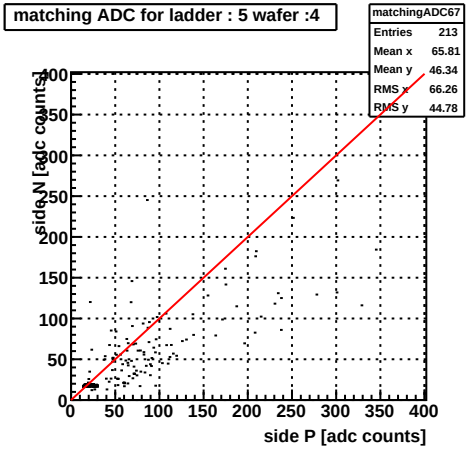

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 595
Mean x 73.71
Mean y 69.73
RMS x 66.77
RMS y 62.1
side N [adc counts]
side P [adc counts]

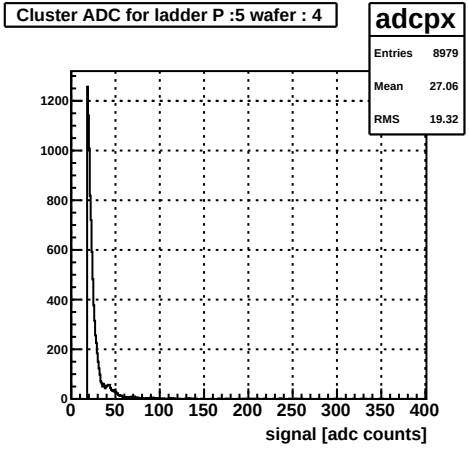

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 6986
Mean 32.52
RMS 29.27
signal [adc counts]

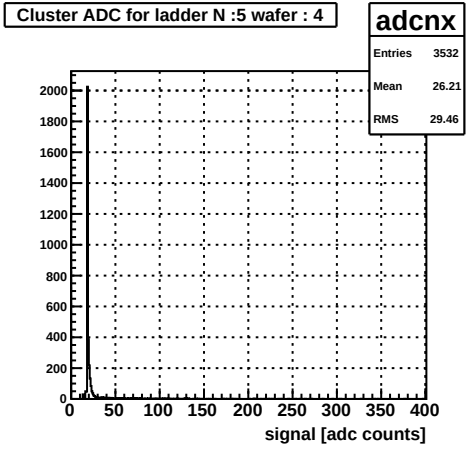

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 6676
Mean 28.73
RMS 32.97
signal [adc counts]

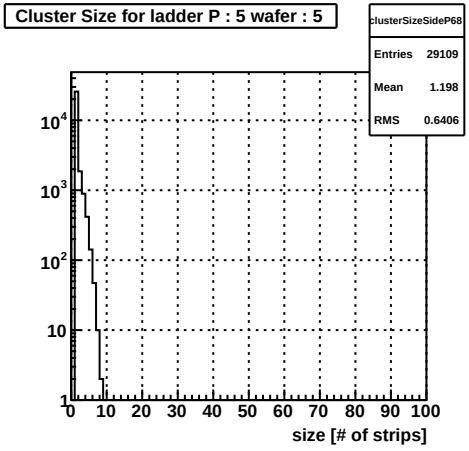

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 8979
Mean 1.056
RMS 0.2549
size [# of strips]

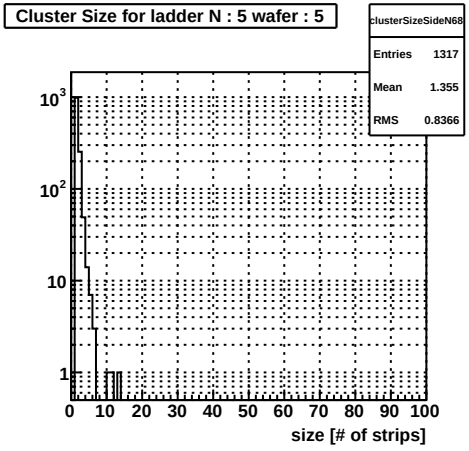

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 3532
Mean 1.084
RMS 0.3683
size [# of strips]

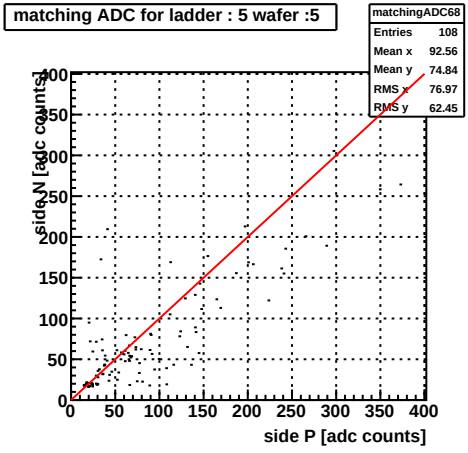

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 213
Mean x 65.81
Mean y 46.34
RMS x 66.26
RMS y 44.78
side N [adc counts]
side P [adc counts]

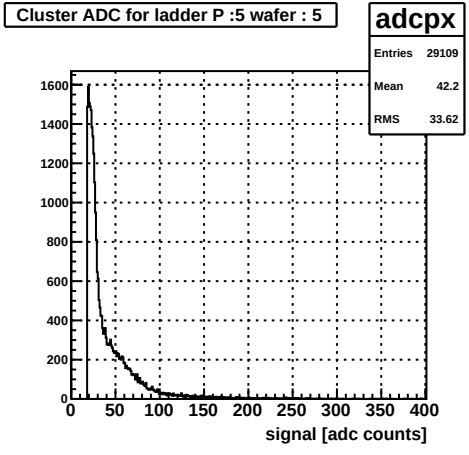

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 8979
Mean 27.06
RMS 19.32
signal [adc counts]

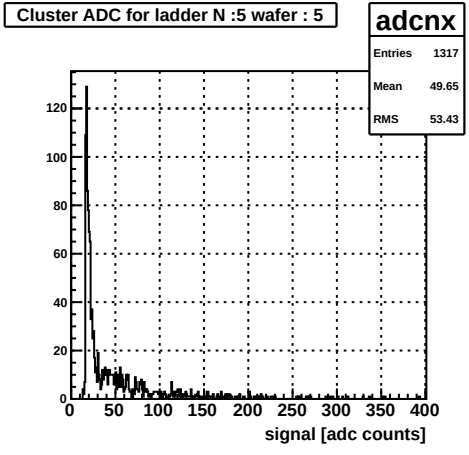

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 3532
Mean 26.21
RMS 29.46
signal [adc counts]

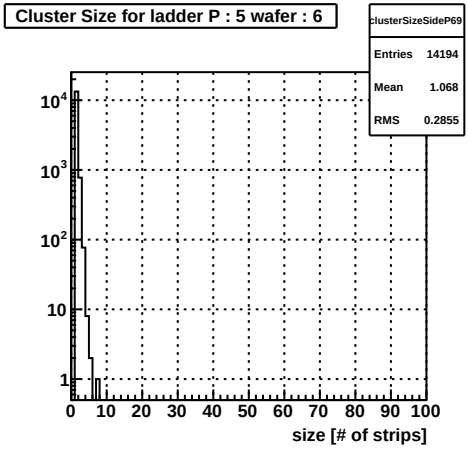

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 29109
Mean 1.198
RMS 0.6406
size [# of strips]

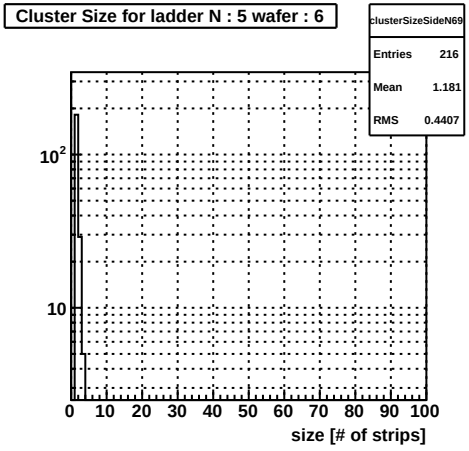

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 1317
Mean 1.355
RMS 0.8366
size [# of strips]

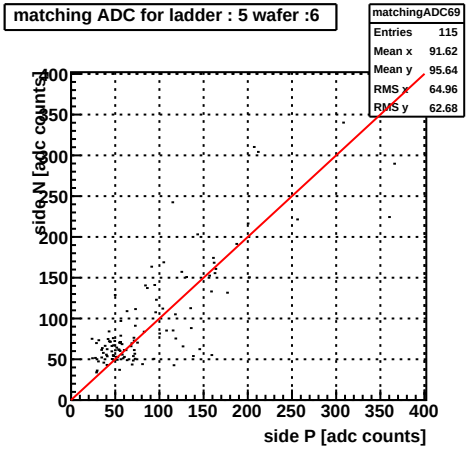

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 108
Mean x 92.56
Mean y 74.84
RMS x 76.97
RMS y 62.45
side N [adc counts]
side P [adc counts]

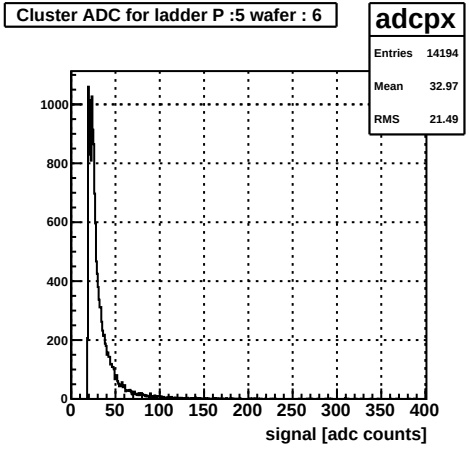

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 29109
Mean 42.2
RMS 33.62
signal [adc counts]

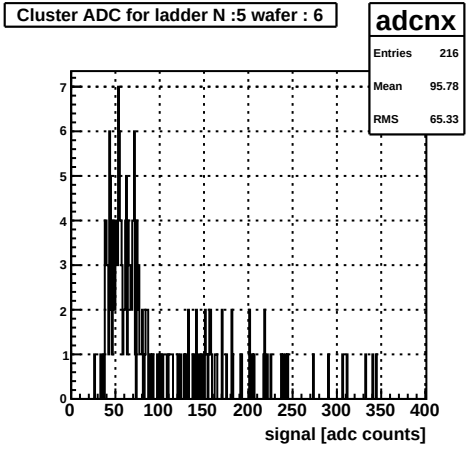

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 1317
Mean 49.65
RMS 53.43
signal [adc counts]

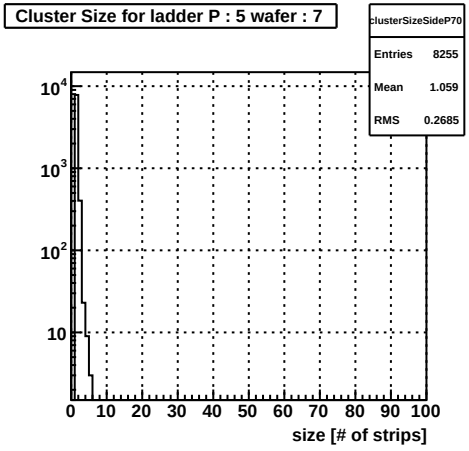

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 14194
Mean 1.068
RMS 0.2855
size [# of strips]

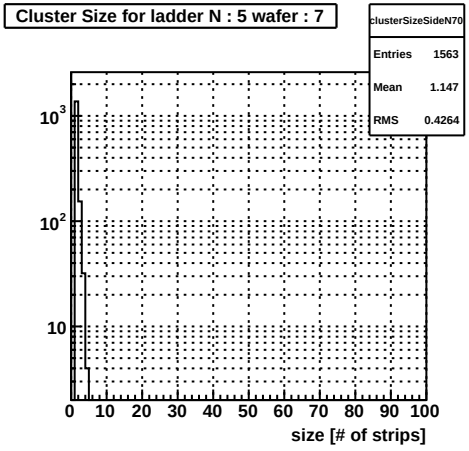

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 216
Mean 1.181
RMS 0.4407
size [# of strips]

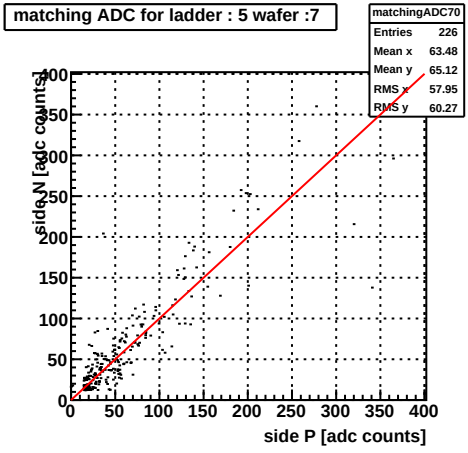

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 115
Mean x 91.62
Mean y 95.64
RMS x 64.96
RMS y 62.68
side N [adc counts]
side P [adc counts]

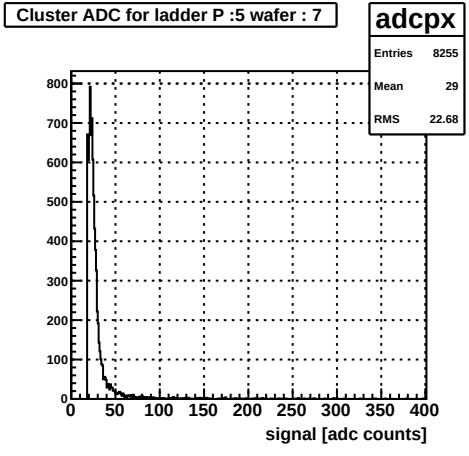

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 14194
Mean 32.97
RMS 21.49
signal [adc counts]

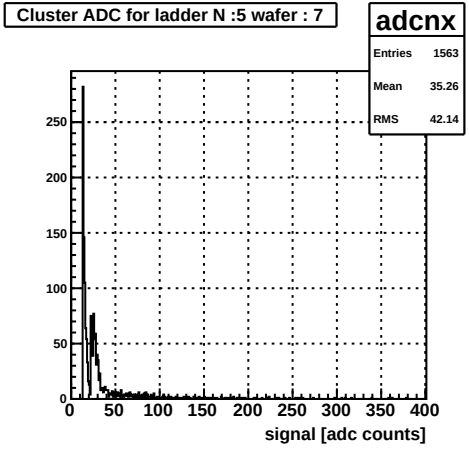

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 216
Mean 95.78
RMS 65.33
signal [adc counts]

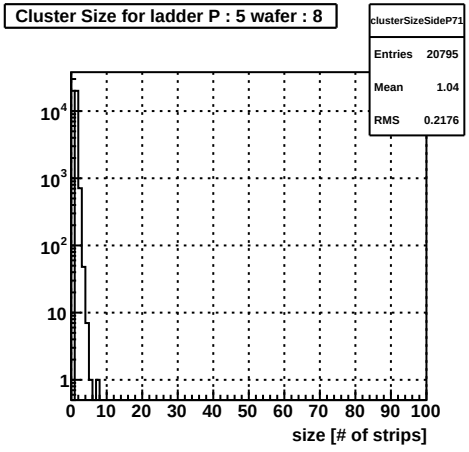

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 8255
Mean 1.059
RMS 0.2685
size [# of strips]

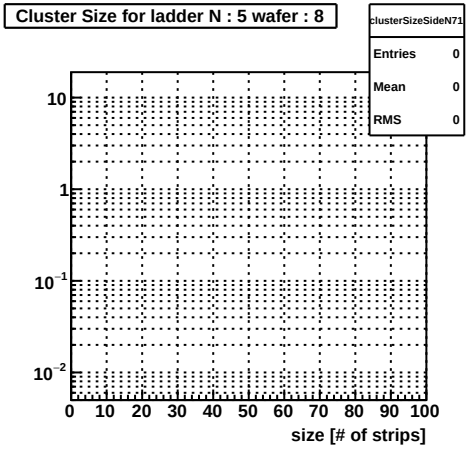

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1563
Mean 1.147
RMS 0.4264
size [# of strips]

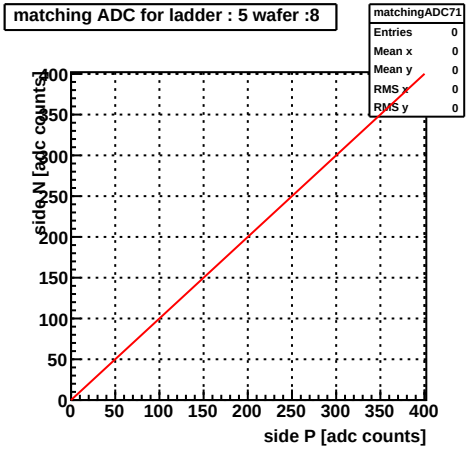

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 226
Mean x 63.48
Mean y 65.12
RMS x 57.95
RMS y 60.27
side N [adc counts]
side P [adc counts]

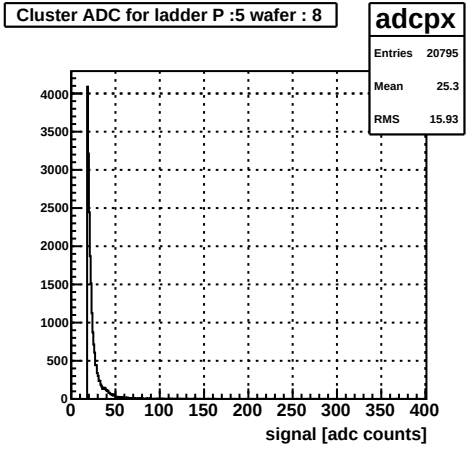

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 8255
Mean 29
RMS 22.68
signal [adc counts]

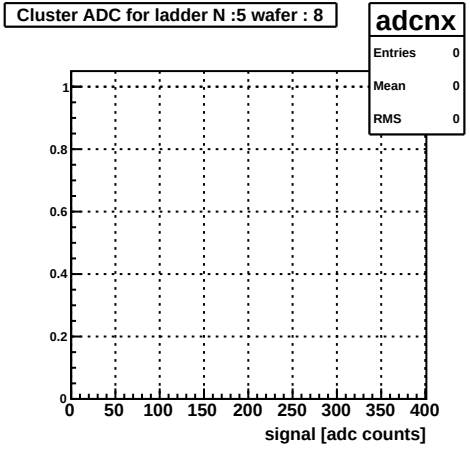

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1563
Mean 35.26
RMS 42.14
signal [adc counts]

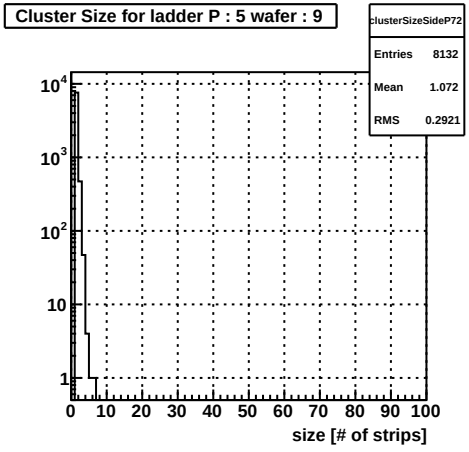

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 20795
Mean 1.04
RMS 0.2176
size [# of strips]

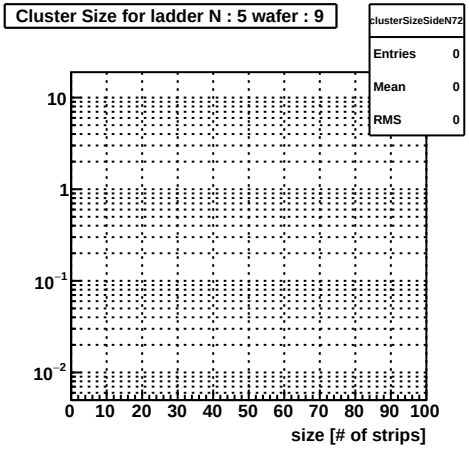

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

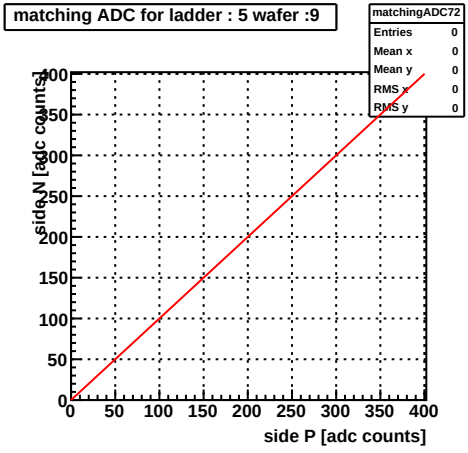

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

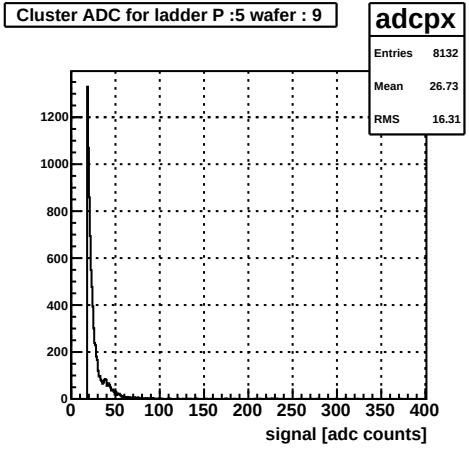

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 20795
Mean 25.3
RMS 15.93
signal [adc counts]

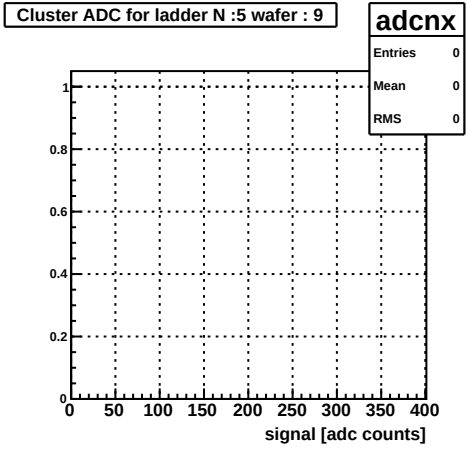

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

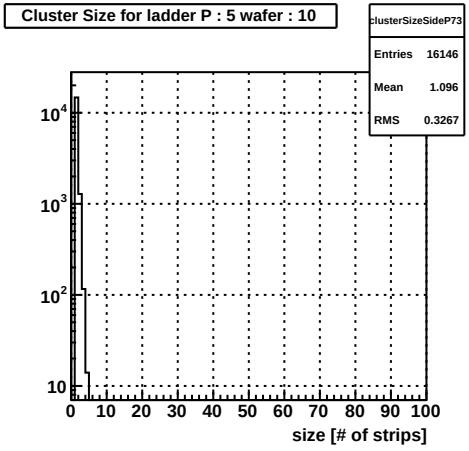

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 8132
Mean 1.072
RMS 0.2921
size [# of strips]

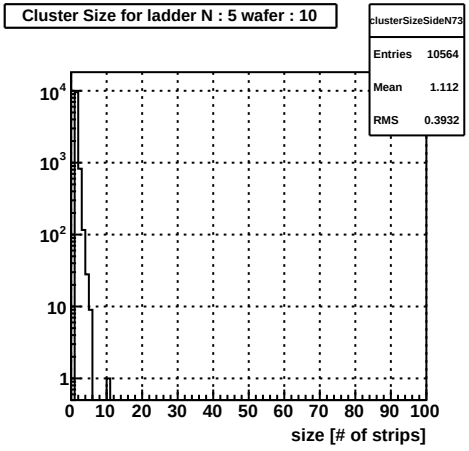

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

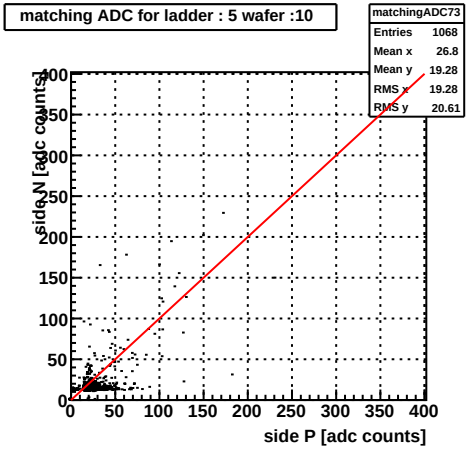

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

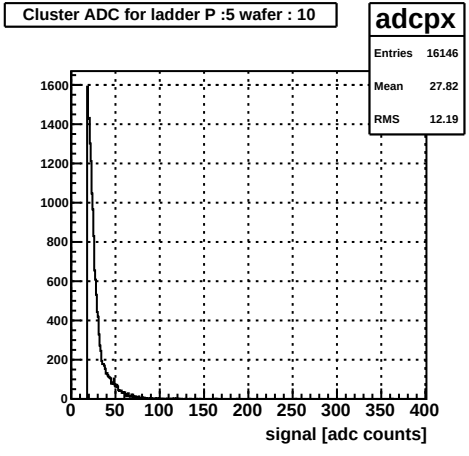

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 8132
Mean 26.73
RMS 16.31
signal [adc counts]

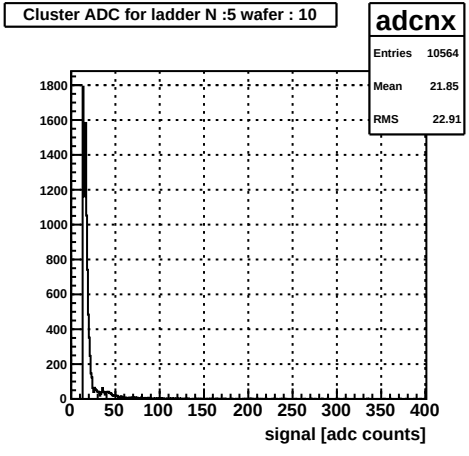

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

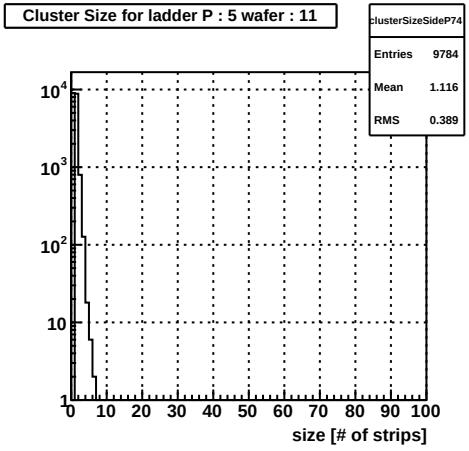

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 16146
Mean 1.096
RMS 0.3267
size [# of strips]

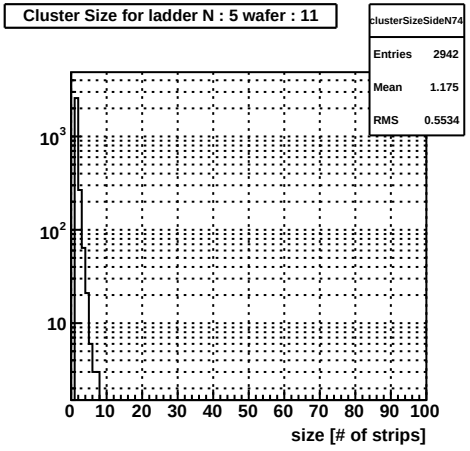

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 10564
Mean 1.112
RMS 0.3932
size [# of strips]

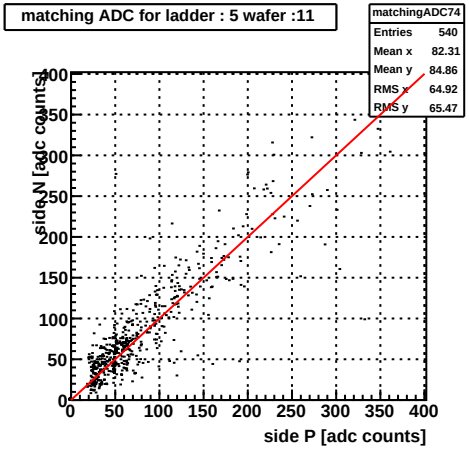

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 1068
Mean x 26.8
Mean y 19.28
RMS x 19.28
RMS y 20.61
side N [adc counts]
side P [adc counts]

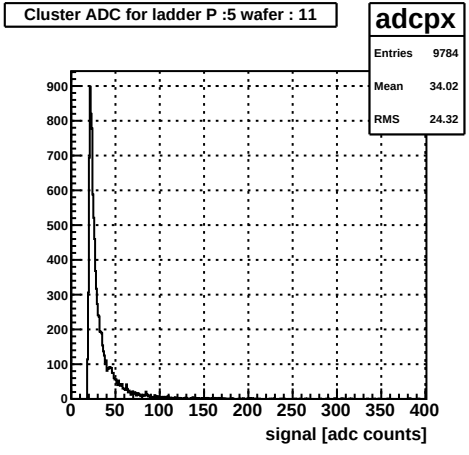

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 16146
Mean 27.82
RMS 12.19
signal [adc counts]

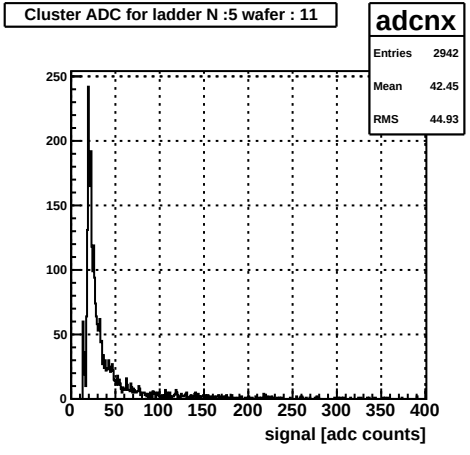

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 10564
Mean 21.85
RMS 22.91
signal [adc counts]

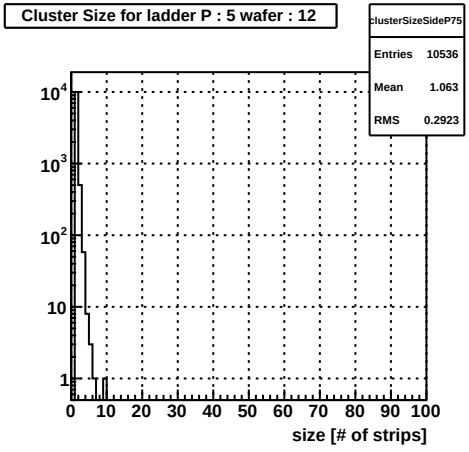

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 9784
Mean 1.116
RMS 0.389
size [# of strips]

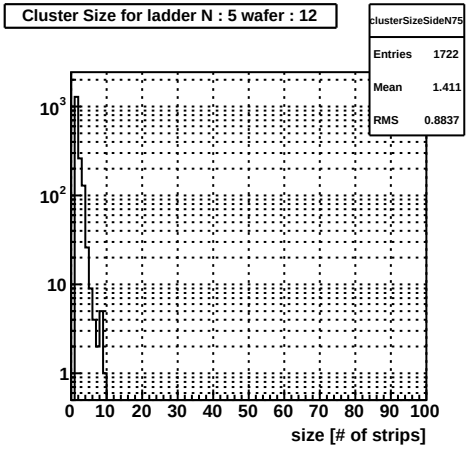

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 2942
Mean 1.175
RMS 0.5534
size [# of strips]

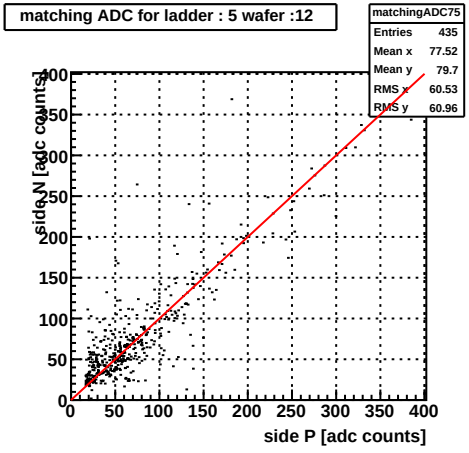

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 540
Mean x 82.31
Mean y 84.86
RMS x 64.92
RMS y 65.47
side N [adc counts]
side P [adc counts]

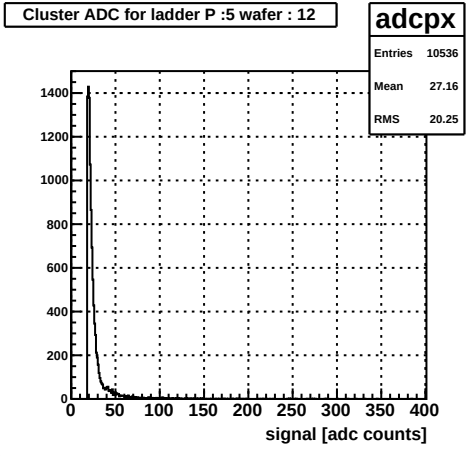

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 9784
Mean 34.02
RMS 24.32
signal [adc counts]

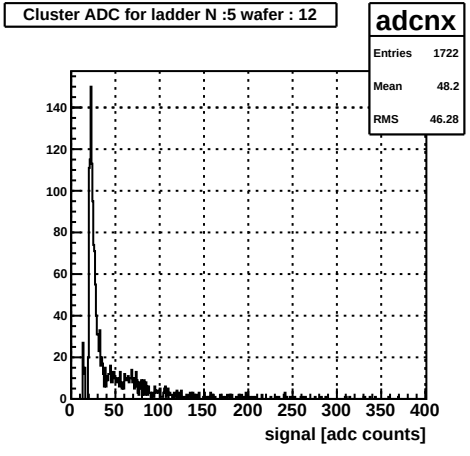

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 2942
Mean 42.45
RMS 44.93
signal [adc counts]

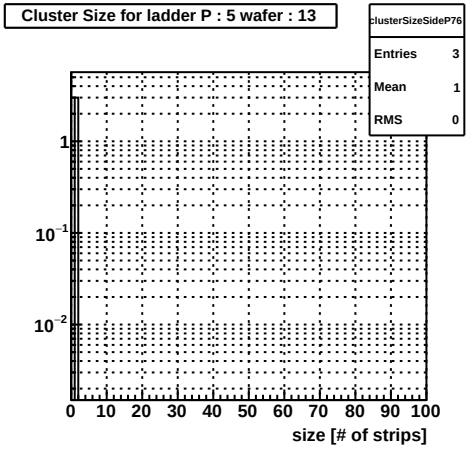

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 10536
Mean 1.063
RMS 0.2923
size [# of strips]

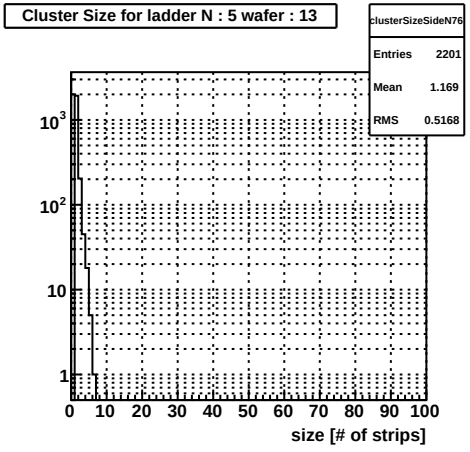

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1722
Mean 1.411
RMS 0.8837
size [# of strips]

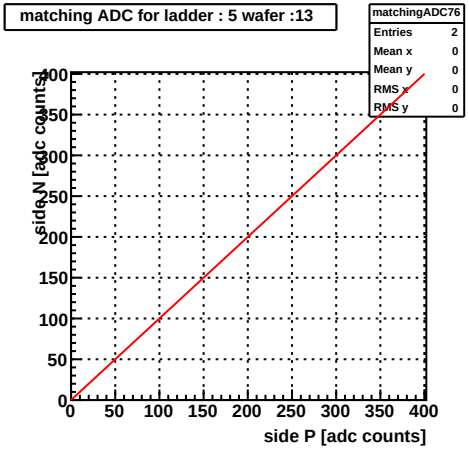

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 435
Mean x 77.52
Mean y 79.7
RMS x 60.53
RMS y 60.96
side N [adc counts]
side P [adc counts]

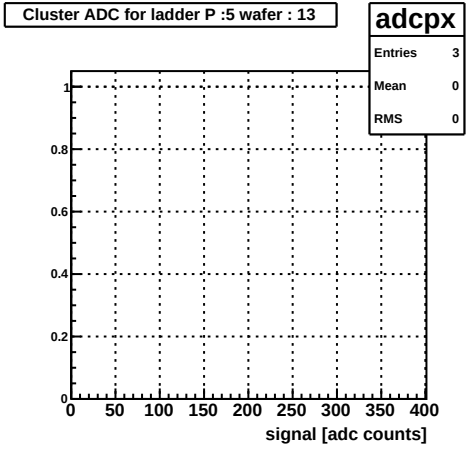

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 10536
Mean 27.16
RMS 20.25
signal [adc counts]

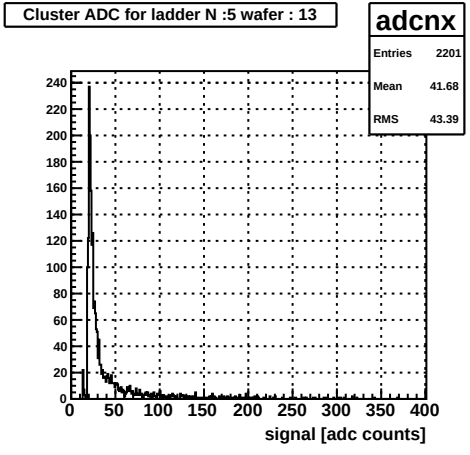

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1722
Mean 48.2
RMS 46.28
signal [adc counts]

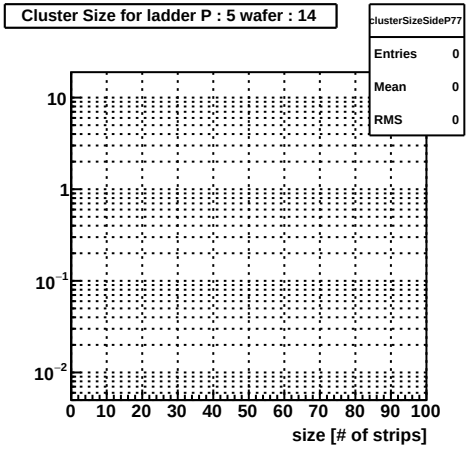

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 3
Mean 1
RMS 0
size [# of strips]

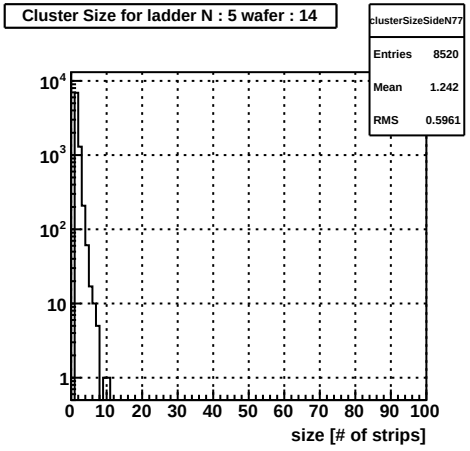

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2201
Mean 1.169
RMS 0.5168
size [# of strips]

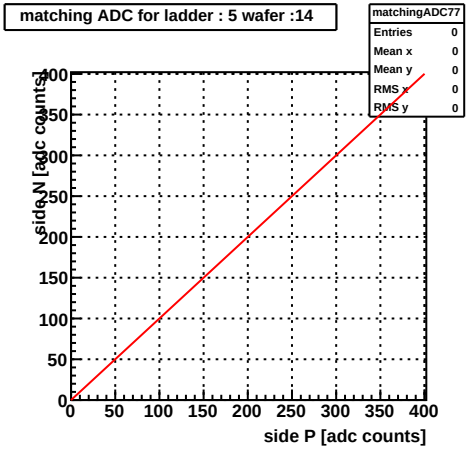

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

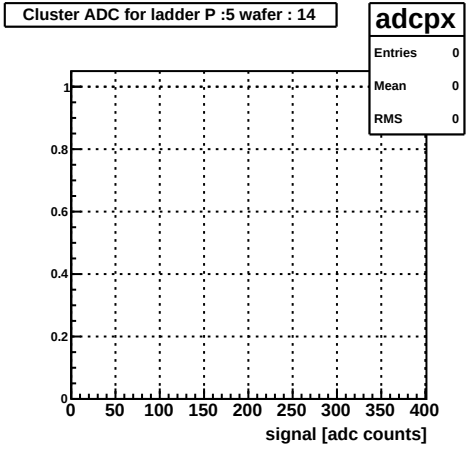

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

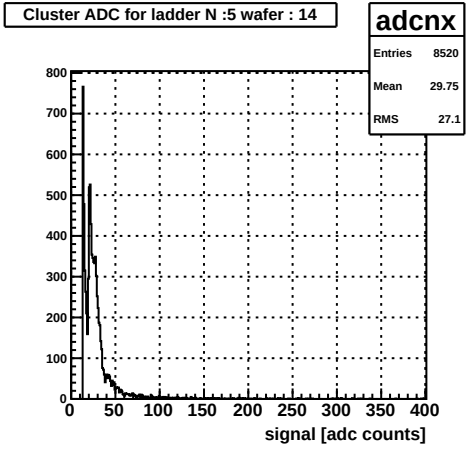

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2201
Mean 41.68
RMS 43.39
signal [adc counts]

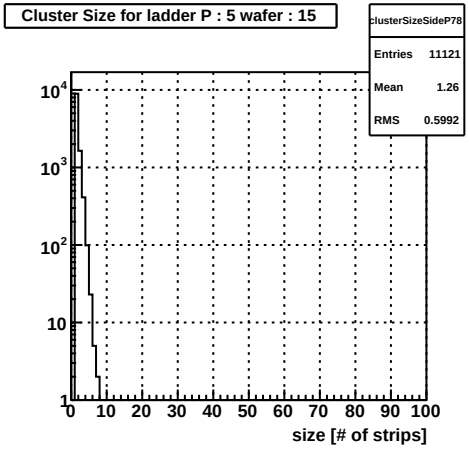

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

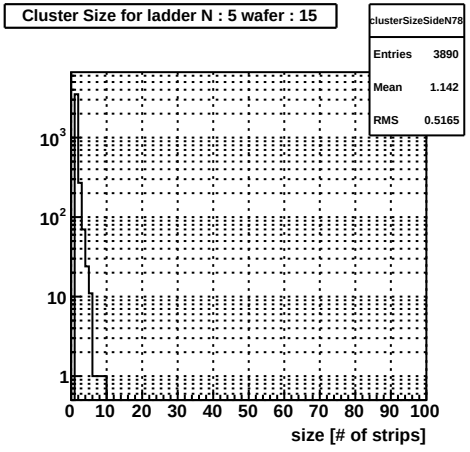

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 8520
Mean 1.242
RMS 0.5961
size [# of strips]

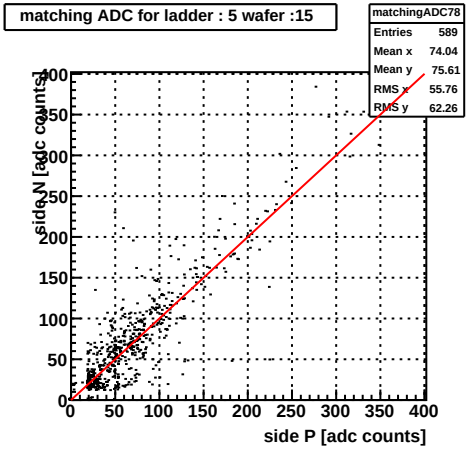

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

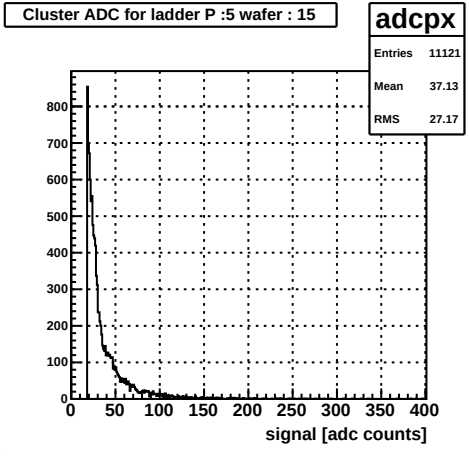

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

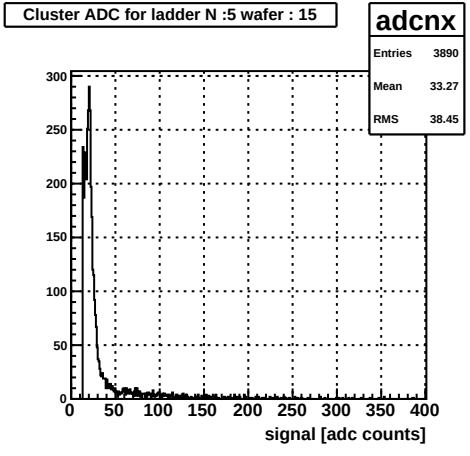

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 8520
Mean 29.75
RMS 27.1
signal [adc counts]

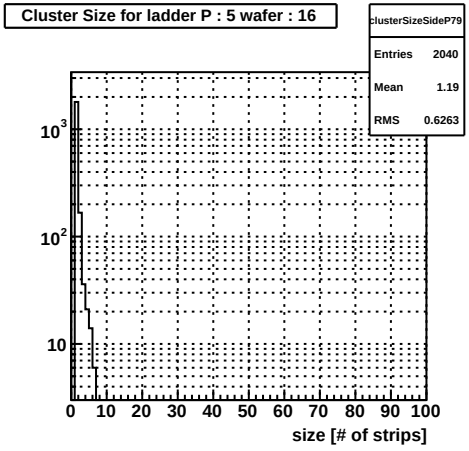

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 11121
Mean 1.26
RMS 0.5992
size [# of strips]

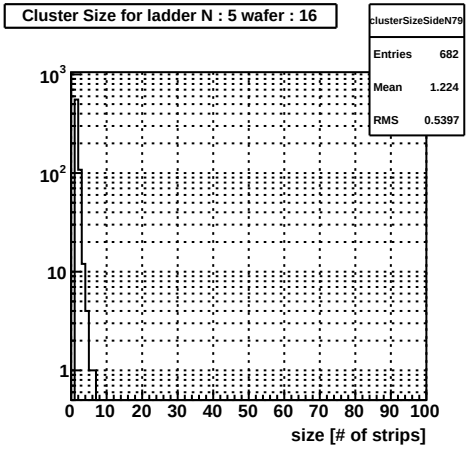

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3890
Mean 1.142
RMS 0.5165
size [# of strips]

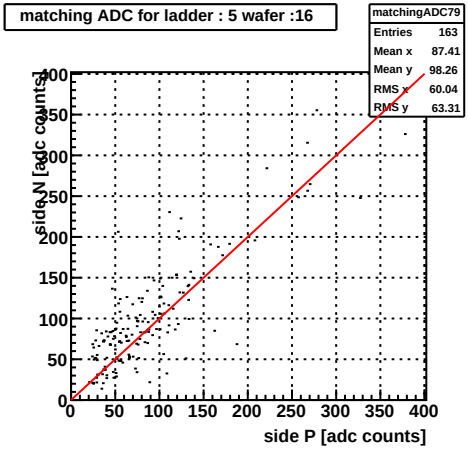

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 589
Mean x 74.04
Mean y 75.61
RMS x 55.76
RMS y 62.26
side N [adc counts]
side P [adc counts]

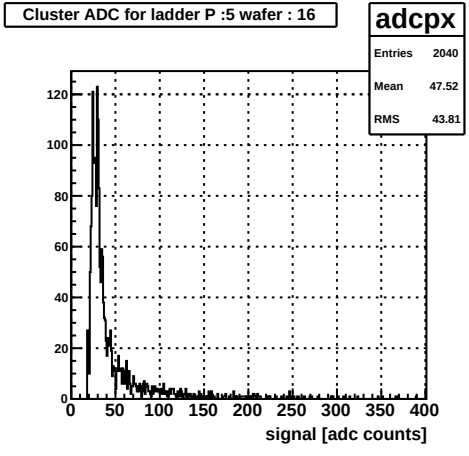

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 11121
Mean 37.13
RMS 27.17
signal [adc counts]

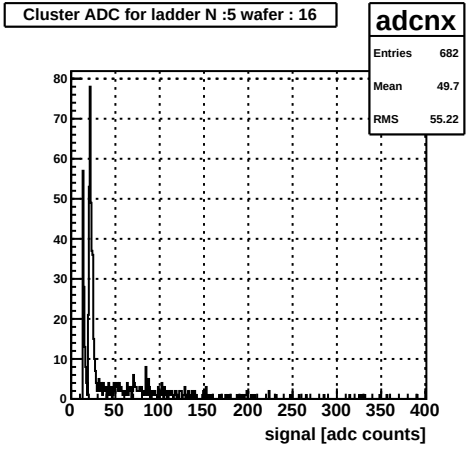

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3890
Mean 33.27
RMS 38.45
signal [adc counts]

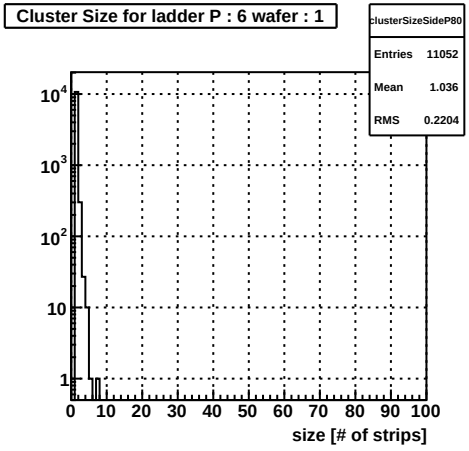

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2040
Mean 1.19
RMS 0.6263
size [# of strips]

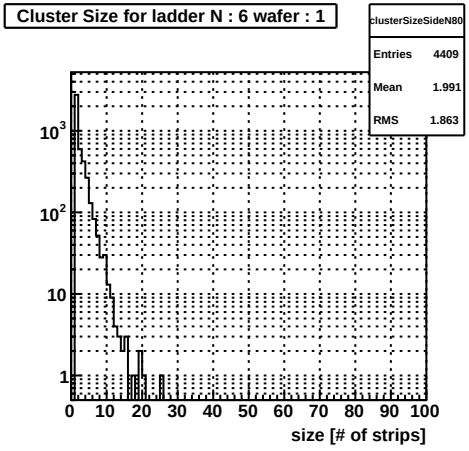

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 682
Mean 1.224
RMS 0.5397
size [# of strips]

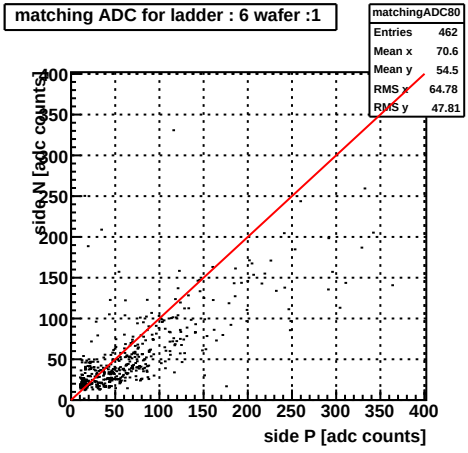

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 163
Mean x 87.41
Mean y 98.26
RMS x 60.04
RMS y 63.31
side N [adc counts]
side P [adc counts]

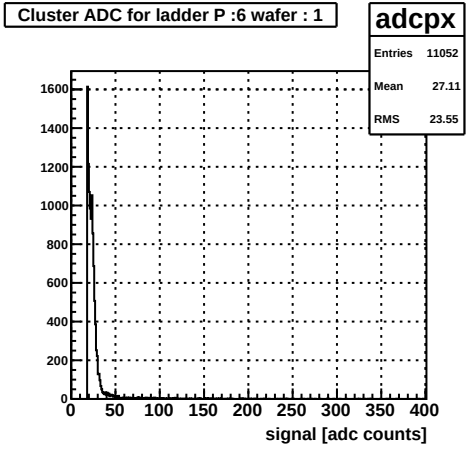

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2040
Mean 47.52
RMS 43.81
signal [adc counts]

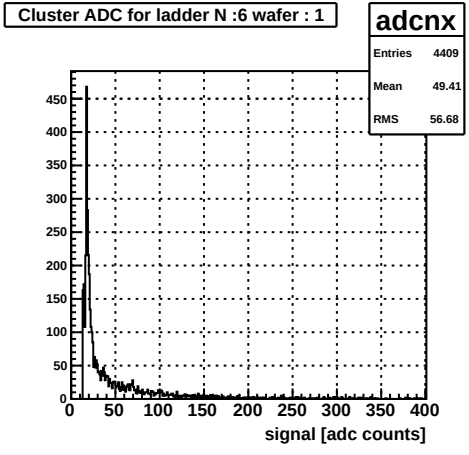

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 682
Mean 49.7
RMS 55.22
signal [adc counts]

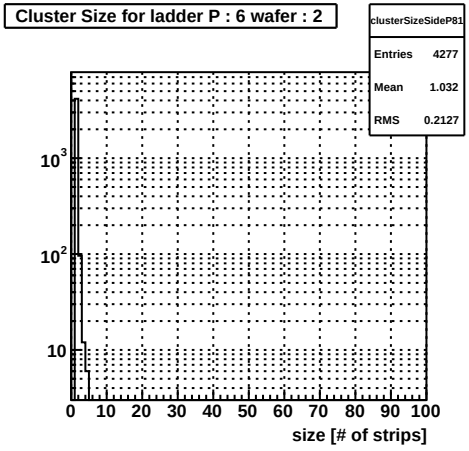

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 11052
Mean 1.036
RMS 0.2204
size [# of strips]

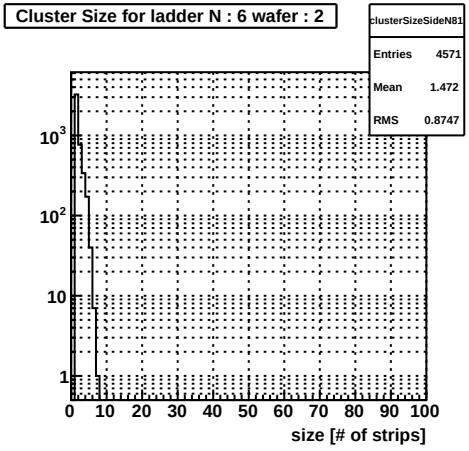

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 4409
Mean 1.991
RMS 1.863
size [# of strips]

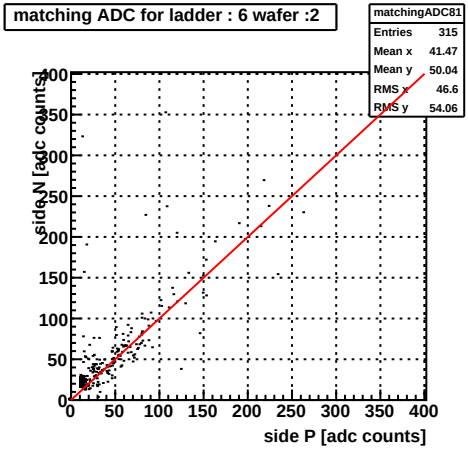

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 462
Mean x 70.6
Mean y 54.5
RMS x 64.78
RMS y 47.81
side N [adc counts]
side P [adc counts]

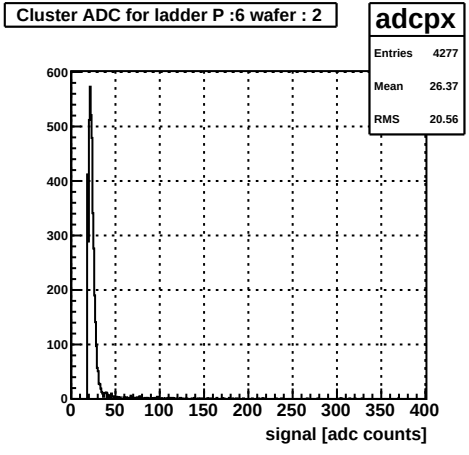

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 11052
Mean 27.11
RMS 23.55
signal [adc counts]

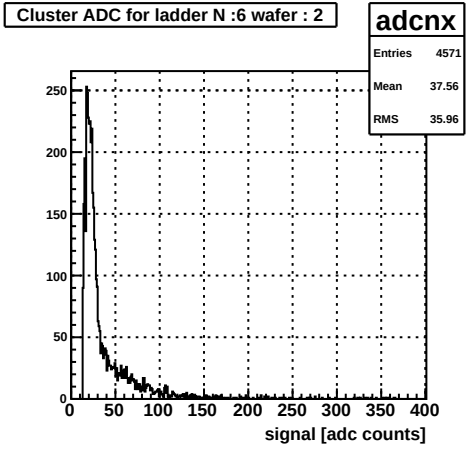

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 4409
Mean 49.41
RMS 56.68
signal [adc counts]

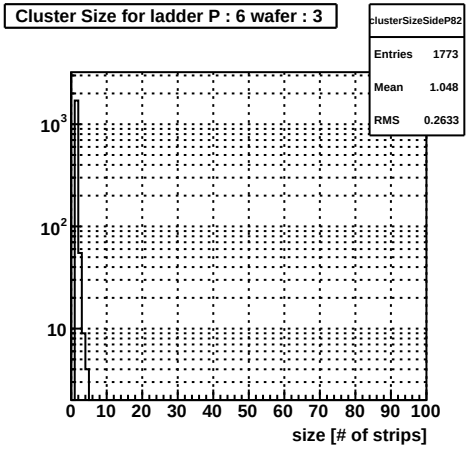

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 4277
Mean 1.032
RMS 0.2127
size [# of strips]

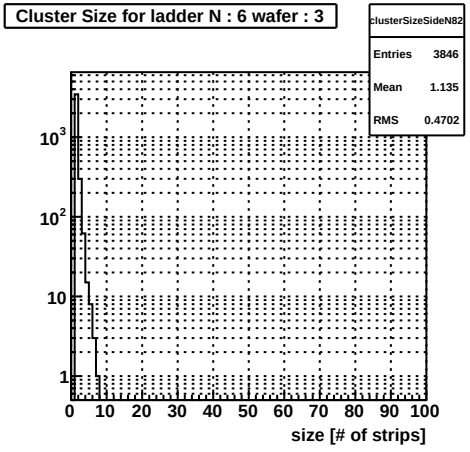

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 4571
Mean 1.472
RMS 0.8747
size [# of strips]

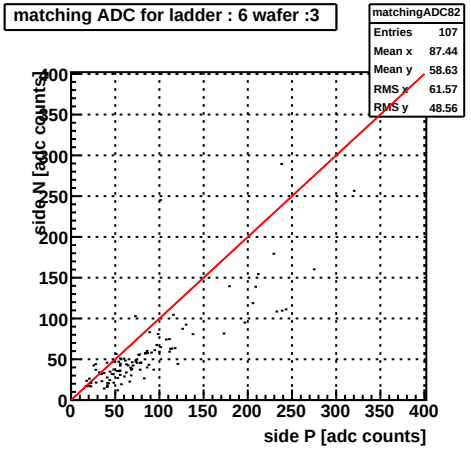

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 315
Mean x 41.47
Mean y 50.04
RMS x 46.6
RMS y 54.06
side N [adc counts]
side P [adc counts]

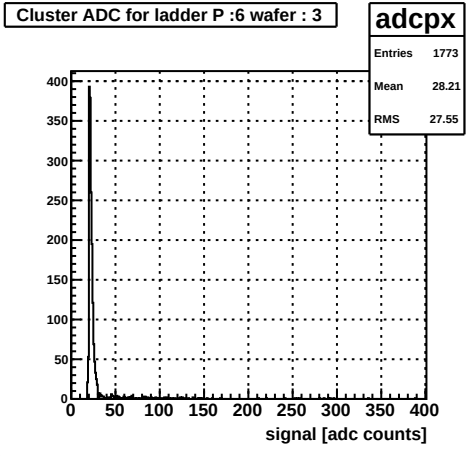

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 4277
Mean 26.37
RMS 20.56
signal [adc counts]

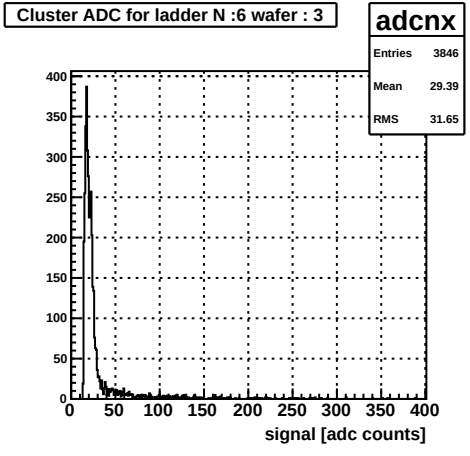

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 4571
Mean 37.56
RMS 35.96
signal [adc counts]

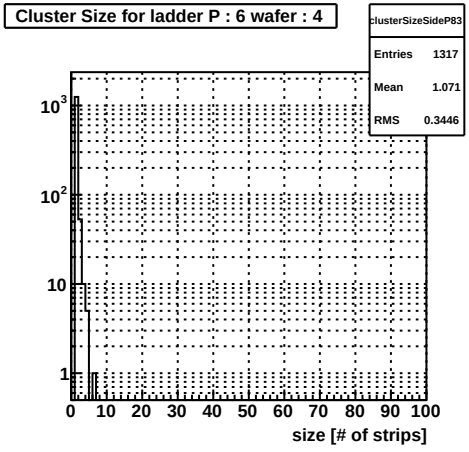

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1773
Mean 1.048
RMS 0.2633
size [# of strips]

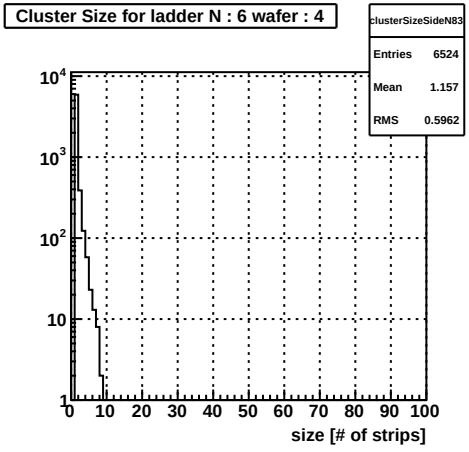

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 3846
Mean 1.135
RMS 0.4702
size [# of strips]

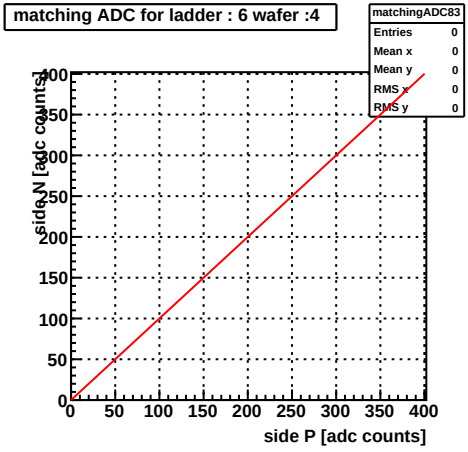

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 107
Mean x 87.44
Mean y 58.63
RMS x 61.57
RMS y 48.56
side N [adc counts]
side P [adc counts]

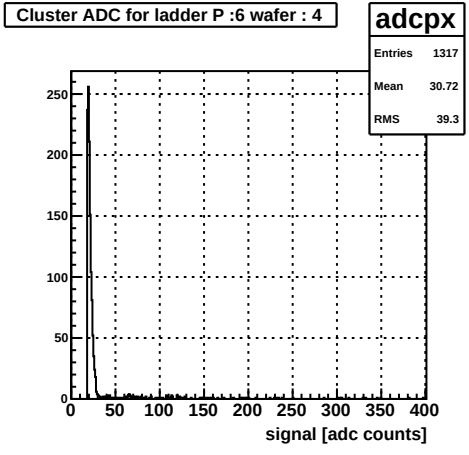

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1773
Mean 28.21
RMS 27.55
signal [adc counts]

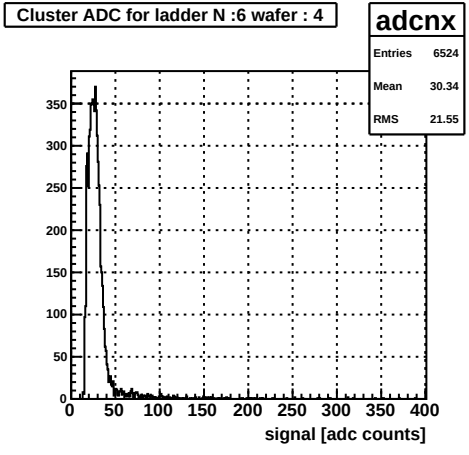

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 3846
Mean 29.39
RMS 31.65
signal [adc counts]

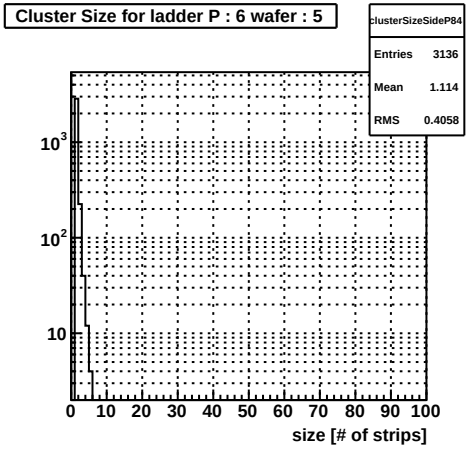

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 1317
Mean 1.071
RMS 0.3446
size [# of strips]

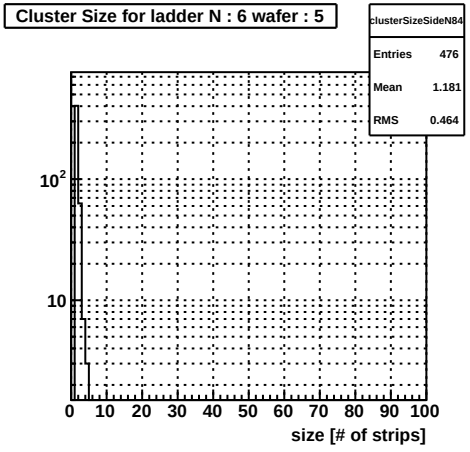

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 6524
Mean 1.157
RMS 0.5962
size [# of strips]

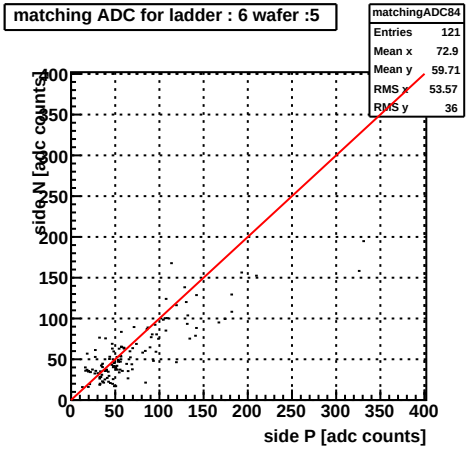

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

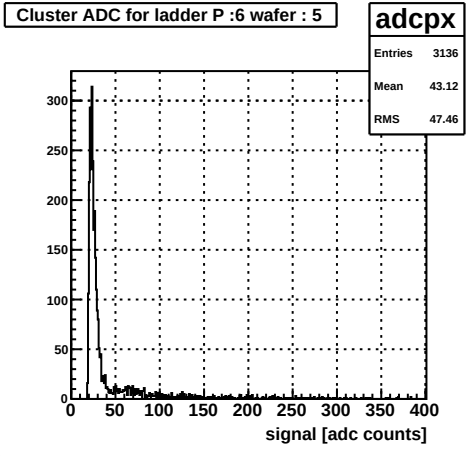

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 1317
Mean 30.72
RMS 39.3
signal [adc counts]

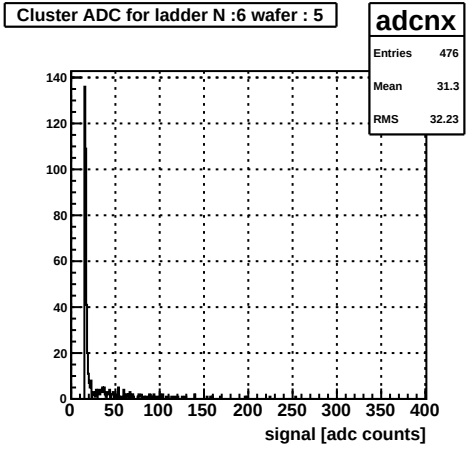

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 6524
Mean 30.34
RMS 21.55
signal [adc counts]

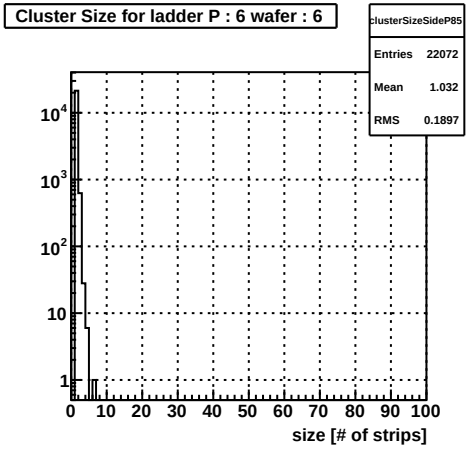

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 3136
Mean 1.114
RMS 0.4058
size [# of strips]

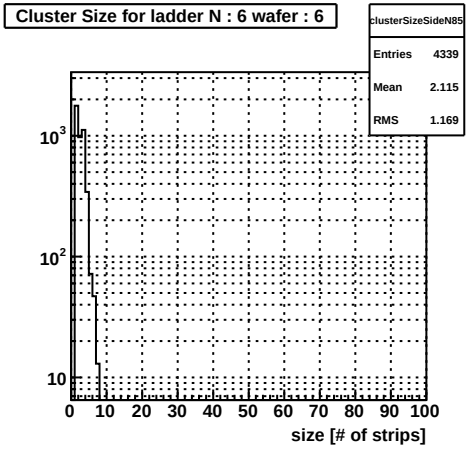

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 476
Mean 1.181
RMS 0.464
size [# of strips]

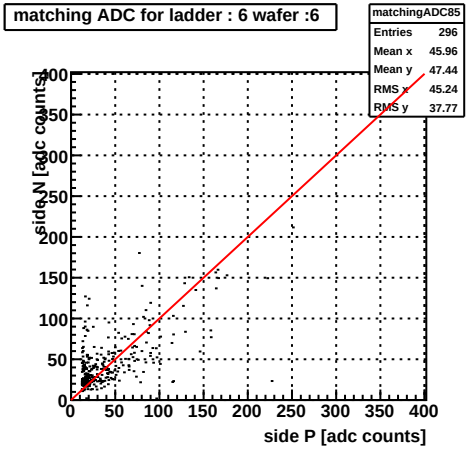

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 121
Mean x 72.9
Mean y 59.71
RMS x 53.57
RMS y 36
side N [adc counts]
side P [adc counts]

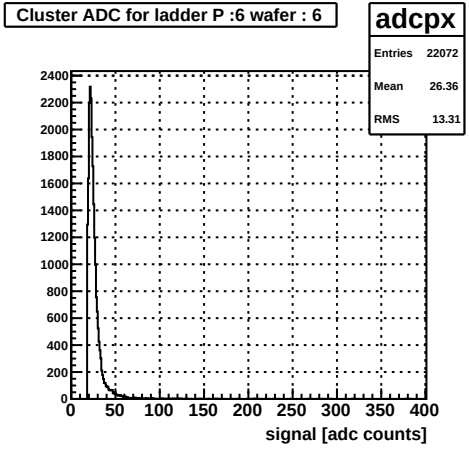

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 3136
Mean 43.12
RMS 47.46
signal [adc counts]

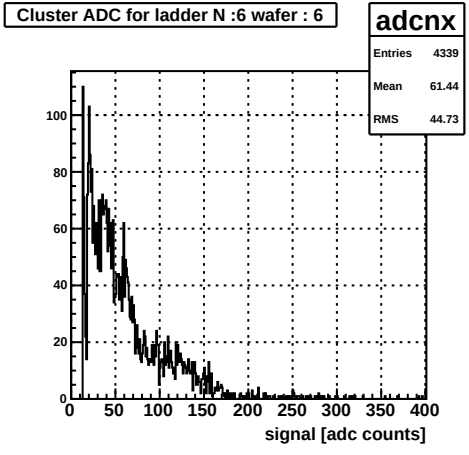

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 476
Mean 31.3
RMS 32.23
signal [adc counts]

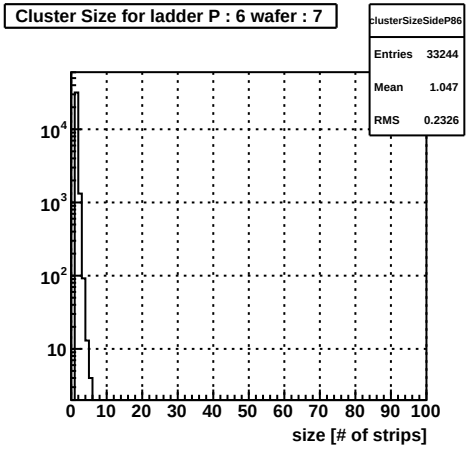

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 22072
Mean 1.032
RMS 0.1897
size [# of strips]

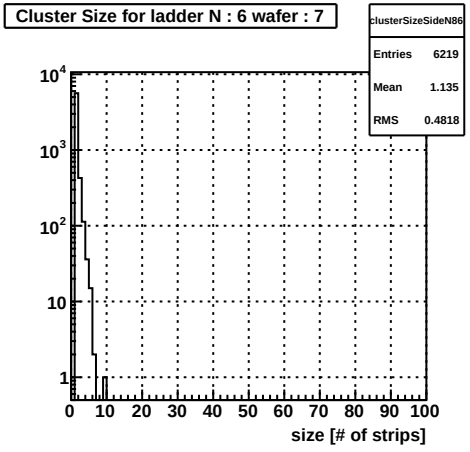

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 4339
Mean 2.115
RMS 1.169
size [# of strips]

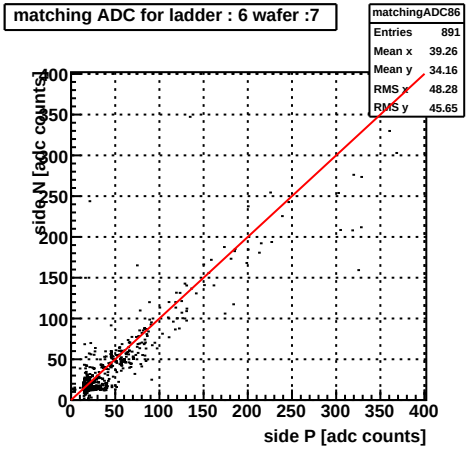

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 296
Mean x 45.96
Mean y 47.44
RMS x 45.24
RMS y 37.77
side N [adc counts]
side P [adc counts]

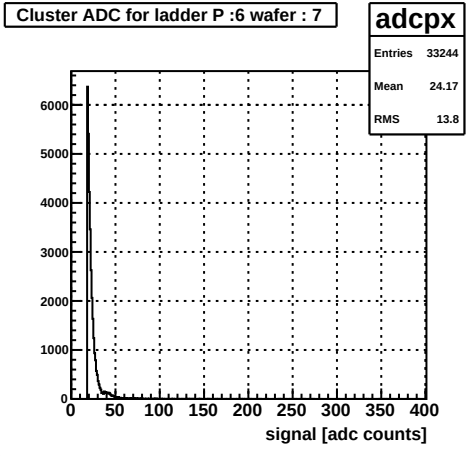

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 22072
Mean 26.36
RMS 13.31
signal [adc counts]

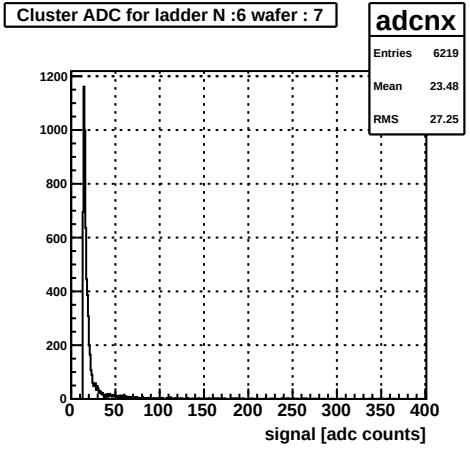

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 4339
Mean 61.44
RMS 44.73
signal [adc counts]

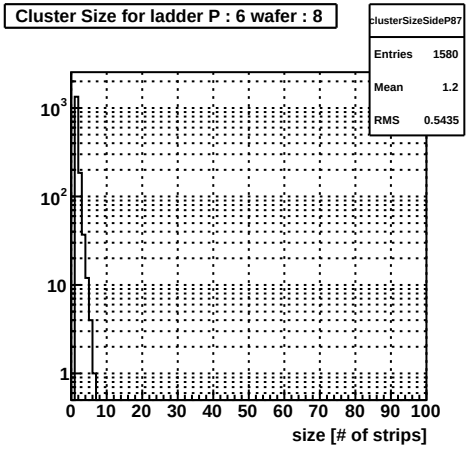

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 33244
Mean 1.047
RMS 0.2326
size [# of strips]

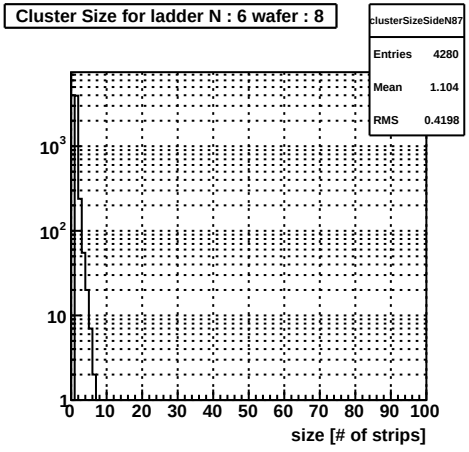

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 6219
Mean 1.135
RMS 0.4818
size [# of strips]

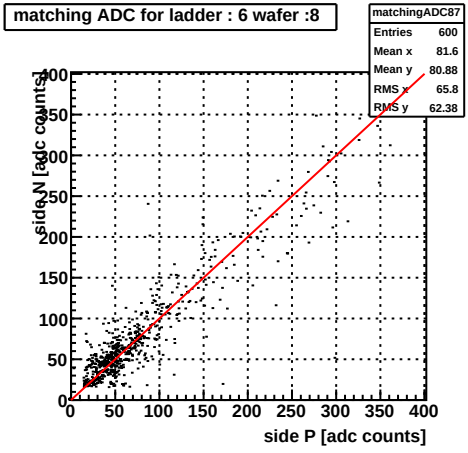

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 891
Mean x 39.26
Mean y 34.16
RMS x 48.28
RMS y 45.65
side N [adc counts]
side P [adc counts]

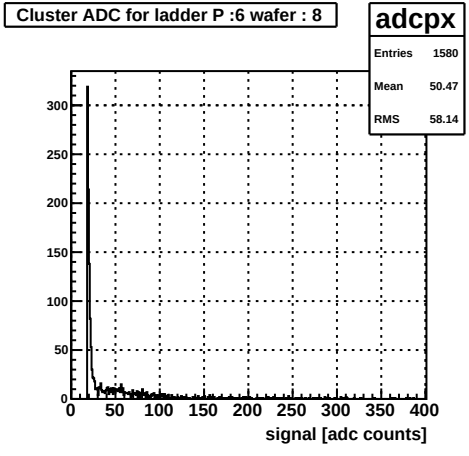

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 33244
Mean 24.17
RMS 13.8
signal [adc counts]

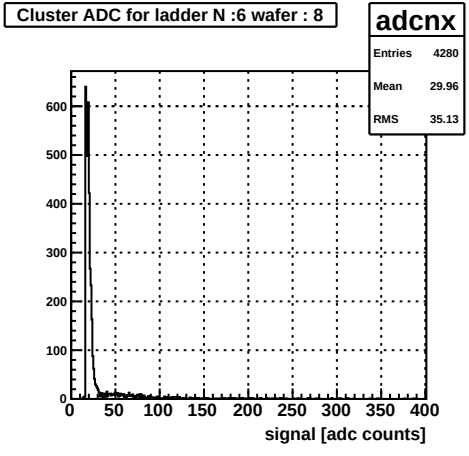

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 6219
Mean 23.48
RMS 27.25
signal [adc counts]

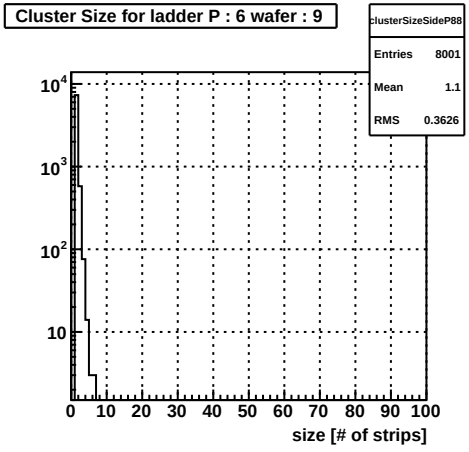

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1580
Mean 1.2
RMS 0.5435
size [# of strips]

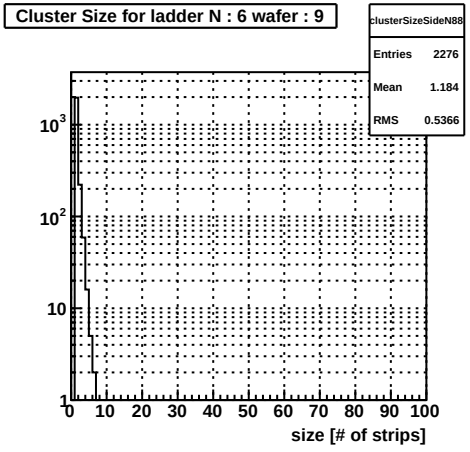

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 4280
Mean 1.104
RMS 0.4198
size [# of strips]

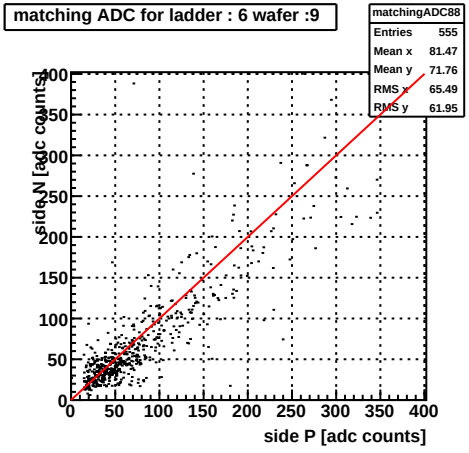

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 600
Mean x 81.6
Mean y 80.88
RMS x 65.8
RMS y 62.38
side N [adc counts]
side P [adc counts]

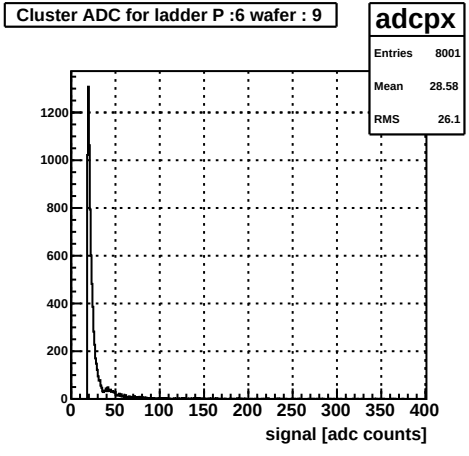

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1580
Mean 50.47
RMS 58.14
signal [adc counts]

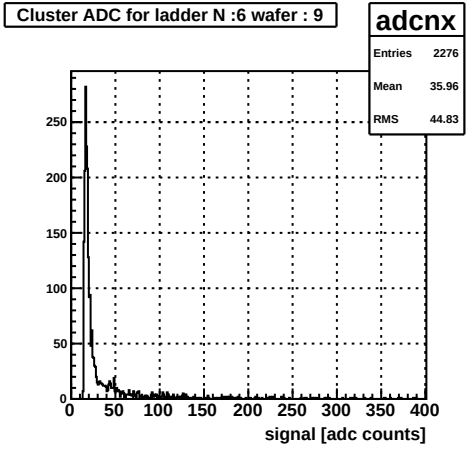

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 4280
Mean 29.96
RMS 35.13
signal [adc counts]

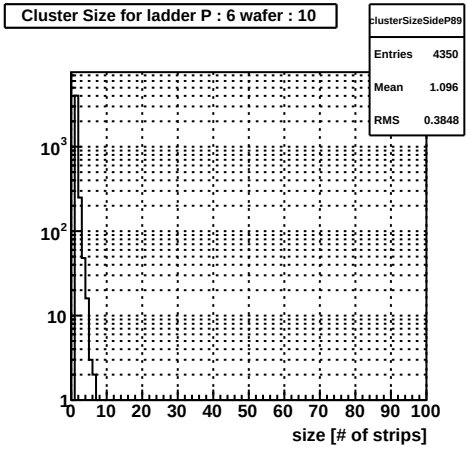

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 8001
Mean 1.1
RMS 0.3626
size [# of strips]

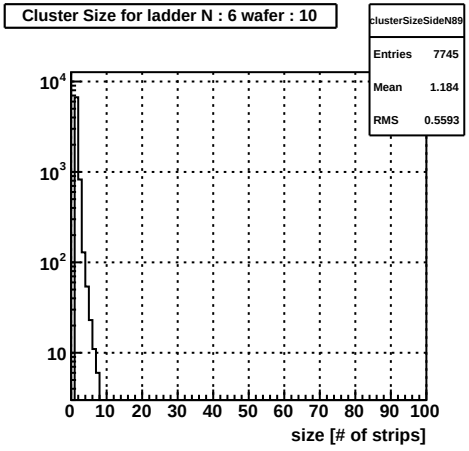

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 2276
Mean 1.184
RMS 0.5366
size [# of strips]

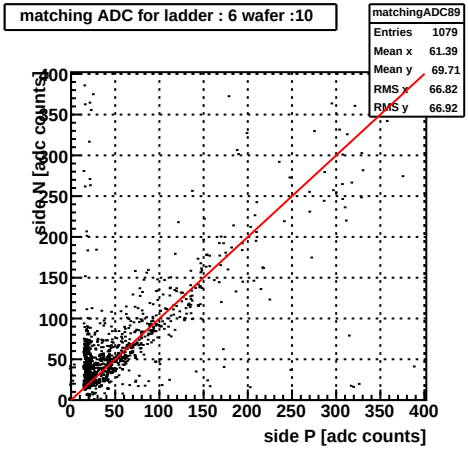

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 555
Mean x 81.47
Mean y 71.76
RMS x 65.49
RMS y 61.95
side N [adc counts]
side P [adc counts]

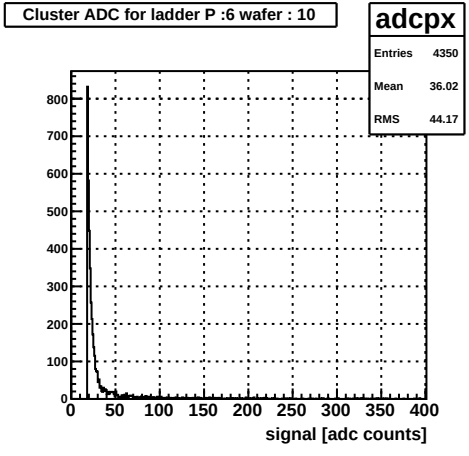

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 8001
Mean 28.58
RMS 26.1
signal [adc counts]

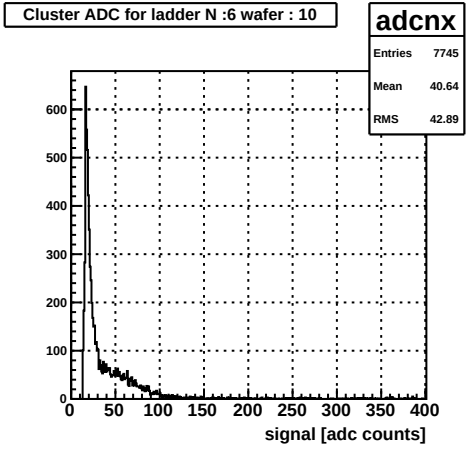

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 2276
Mean 35.96
RMS 44.83
signal [adc counts]

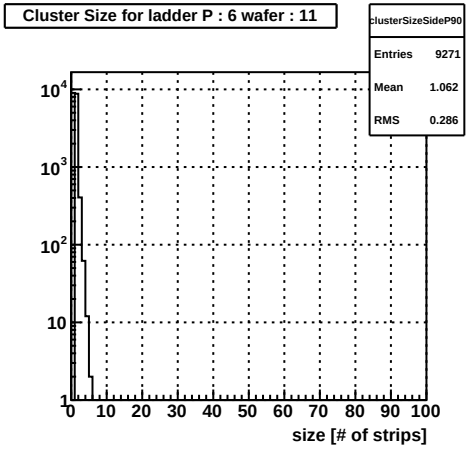

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 4350
Mean 1.096
RMS 0.3848
size [# of strips]

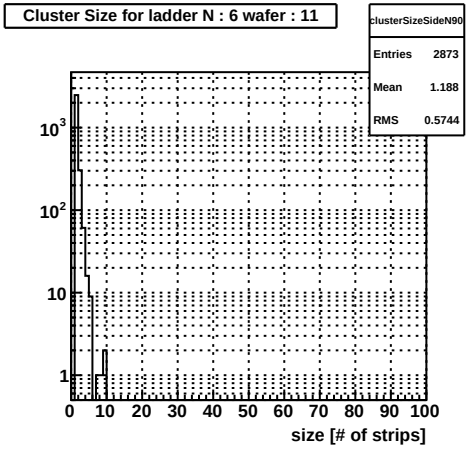

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 7745
Mean 1.184
RMS 0.5593
size [# of strips]

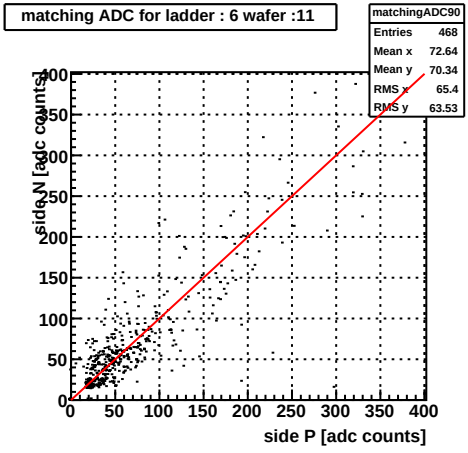

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 1079
Mean x 61.39
Mean y 69.71
RMS x 66.82
RMS y 66.92
side N [adc counts]
side P [adc counts]

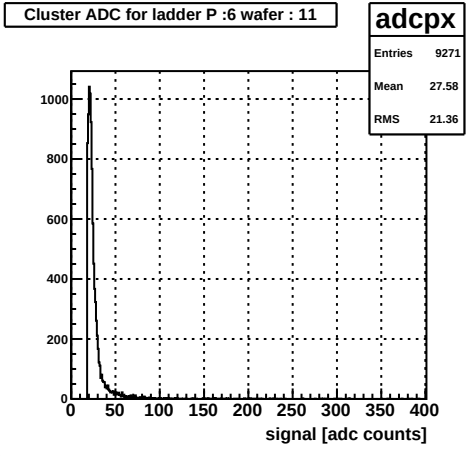

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 4350
Mean 36.02
RMS 44.17
signal [adc counts]

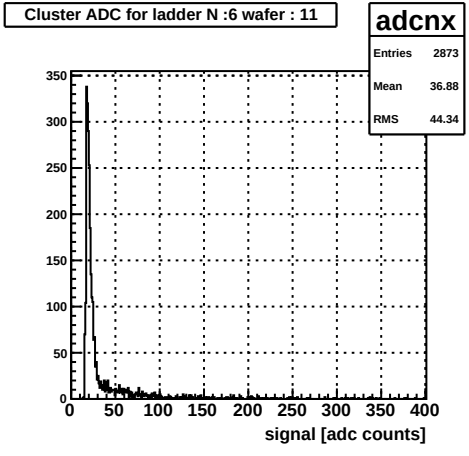

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 7745
Mean 40.64
RMS 42.89
signal [adc counts]

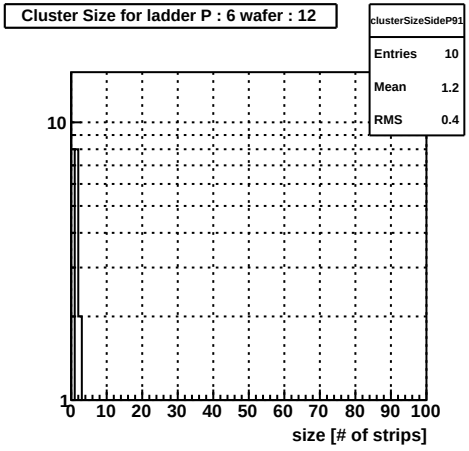

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 9271
Mean 1.062
RMS 0.286
size [# of strips]

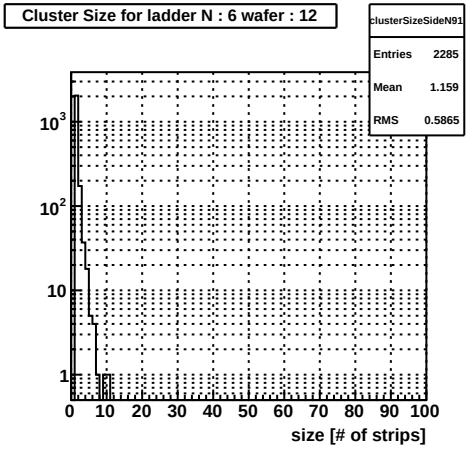

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 2873
Mean 1.188
RMS 0.5744
size [# of strips]

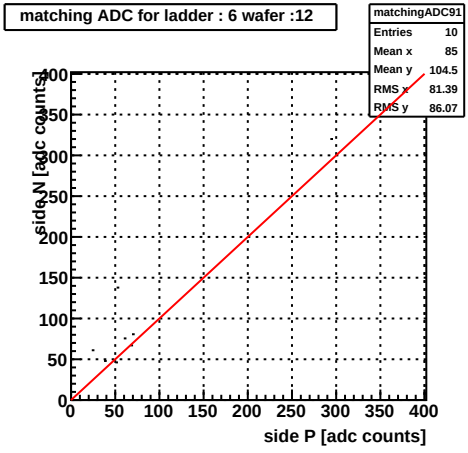

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 468
Mean x 72.64
Mean y 70.34
RMS x 65.4
RMS y 63.53
side N [adc counts]
side P [adc counts]

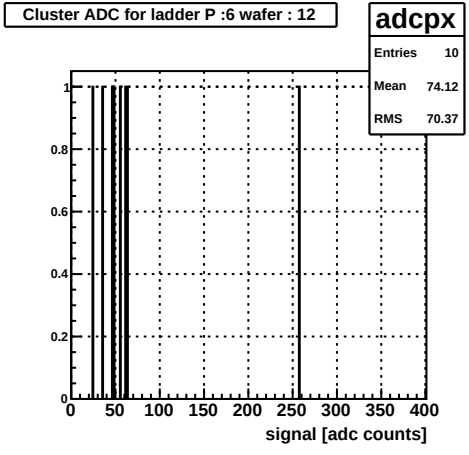

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 9271
Mean 27.58
RMS 21.36
signal [adc counts]

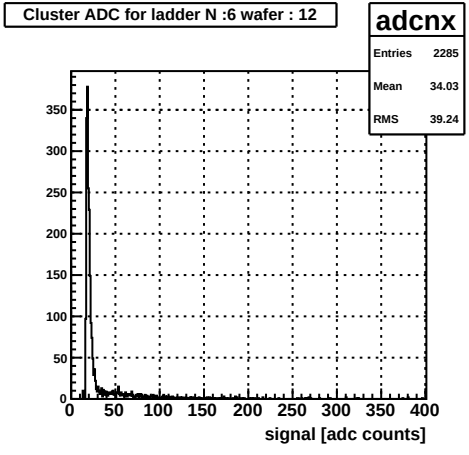

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 2873
Mean 36.88
RMS 44.34
signal [adc counts]

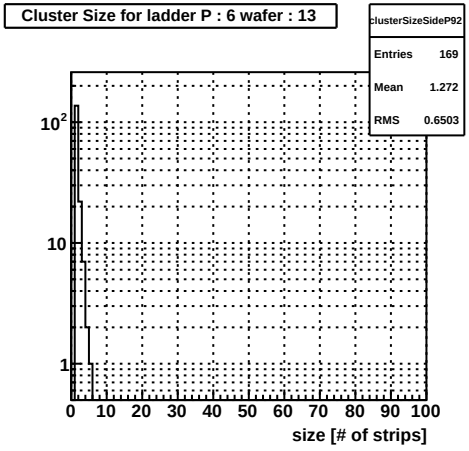

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 10
Mean 1.2
RMS 0.4
size [# of strips]

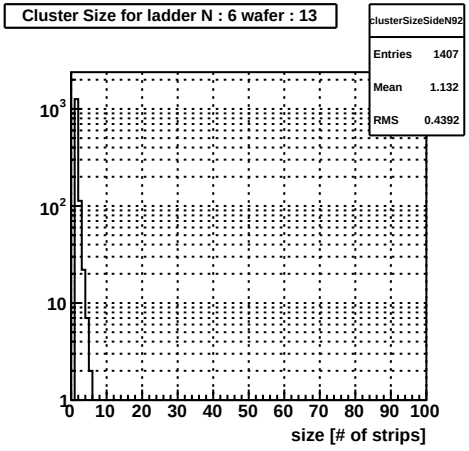

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2285
Mean 1.159
RMS 0.5865
size [# of strips]

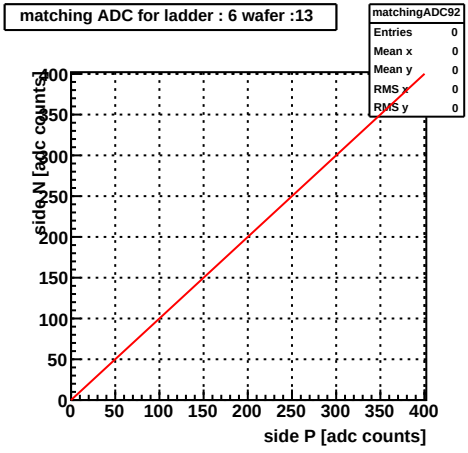

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 10
Mean x 85
Mean y 104.5
RMS x 81.39
RMS y 86.07
side N [adc counts]
side P [adc counts]

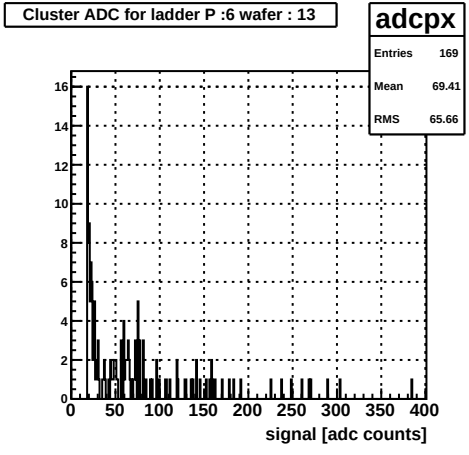

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 10
Mean 74.12
RMS 70.37
signal [adc counts]

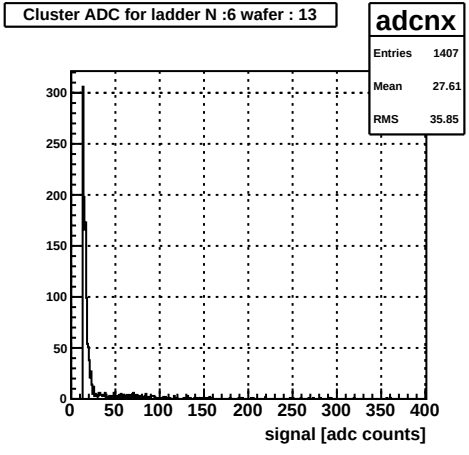

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2285
Mean 34.03
RMS 39.24
signal [adc counts]

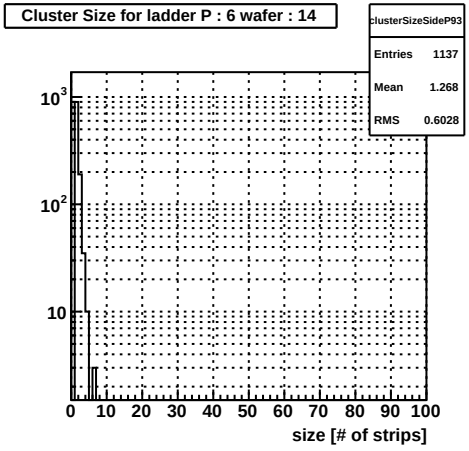

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 169
Mean 1.272
RMS 0.6503
size [# of strips]

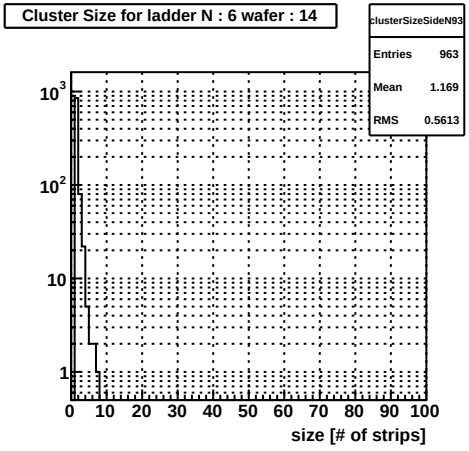

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1407
Mean 1.132
RMS 0.4392
size [# of strips]

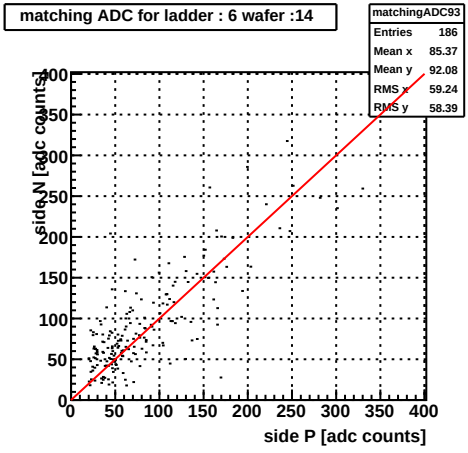

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

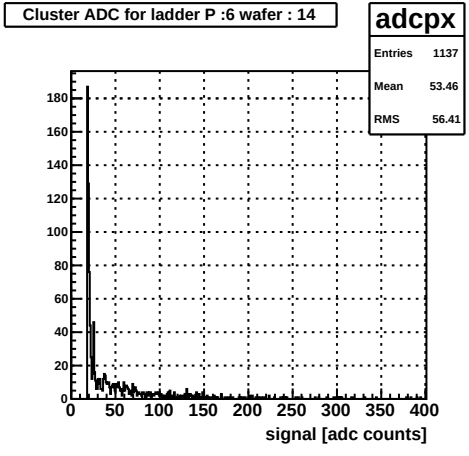

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 169
Mean 69.41
RMS 65.66
signal [adc counts]

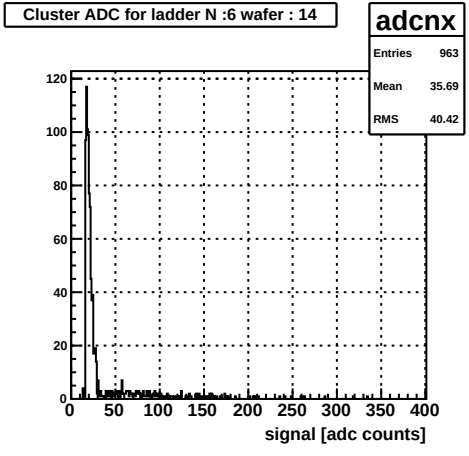

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1407
Mean 27.61
RMS 35.85
signal [adc counts]

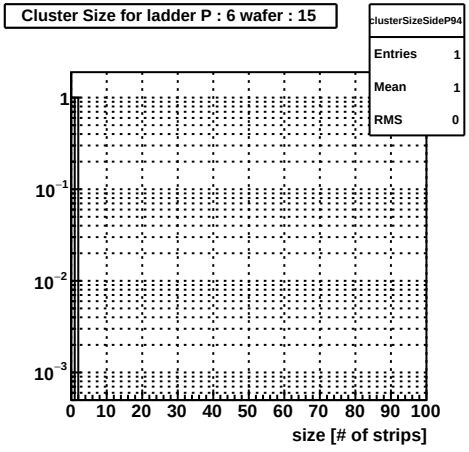

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 1137
Mean 1.268
RMS 0.6028
size [# of strips]

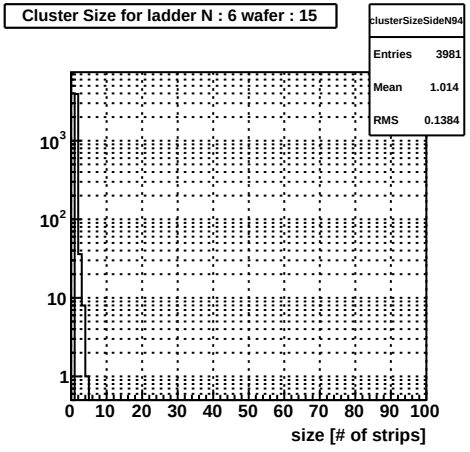

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 963
Mean 1.169
RMS 0.5613
size [# of strips]

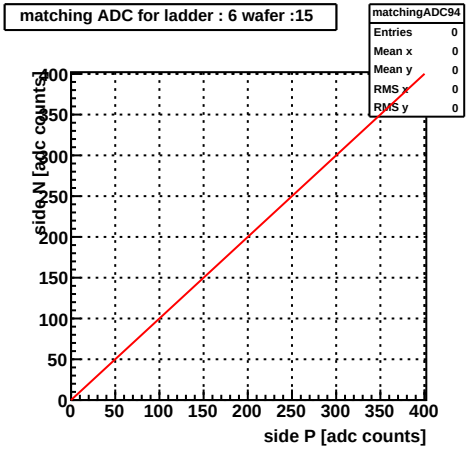

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 186
Mean x 85.37
Mean y 92.08
RMS x 59.24
RMS y 58.39
side N [adc counts]
side P [adc counts]

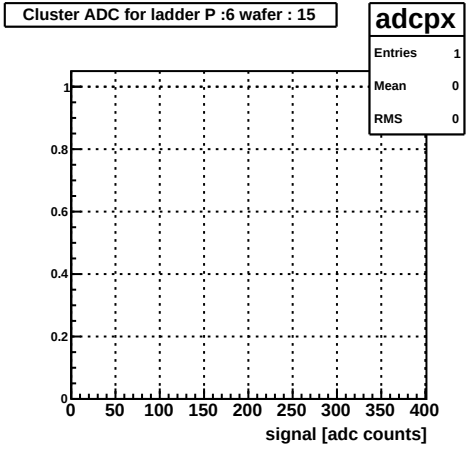

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 1137
Mean 53.46
RMS 56.41
signal [adc counts]

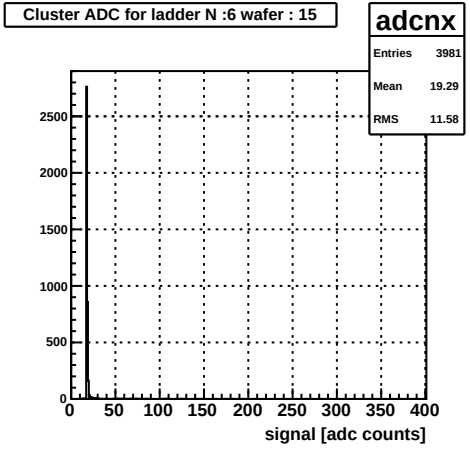

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 963
Mean 35.69
RMS 40.42
signal [adc counts]

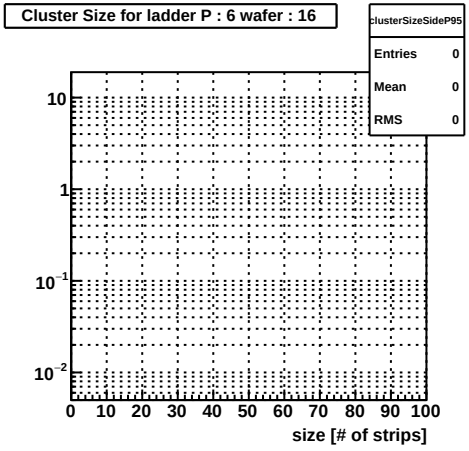

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 1
Mean 1
RMS 0
size [# of strips]

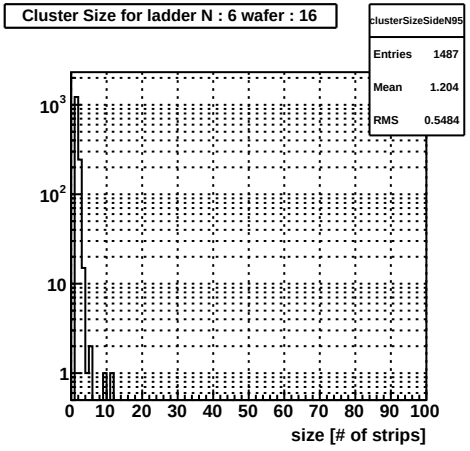

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 3981
Mean 1.014
RMS 0.1384
size [# of strips]

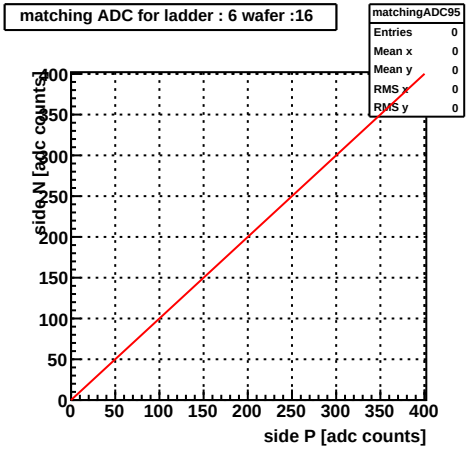

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

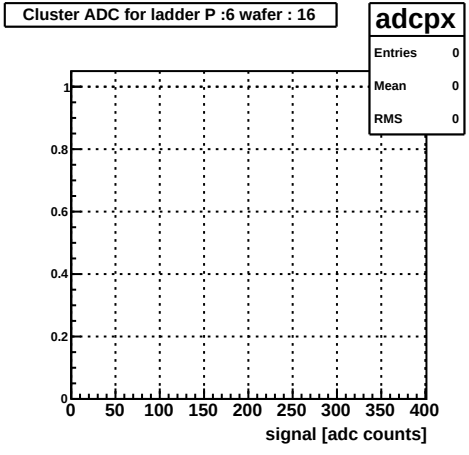

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

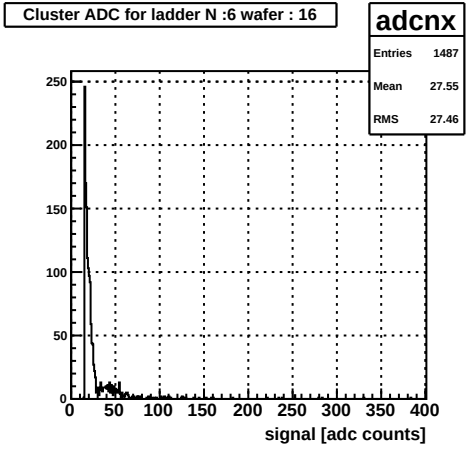

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 3981
Mean 19.29
RMS 11.58
signal [adc counts]

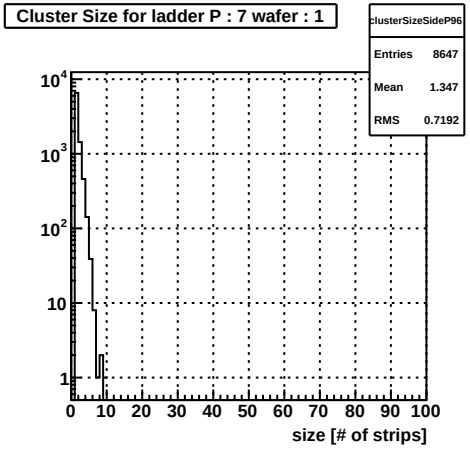

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

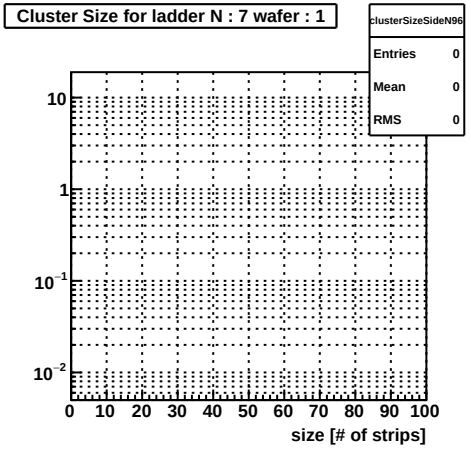

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1487
Mean 1.204
RMS 0.5484
size [# of strips]

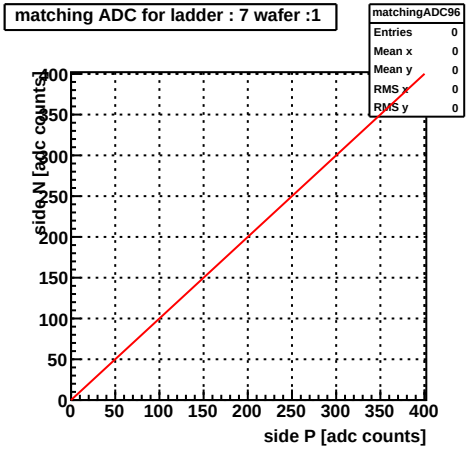

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

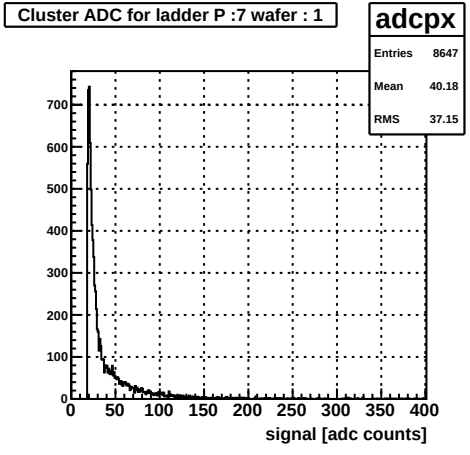

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

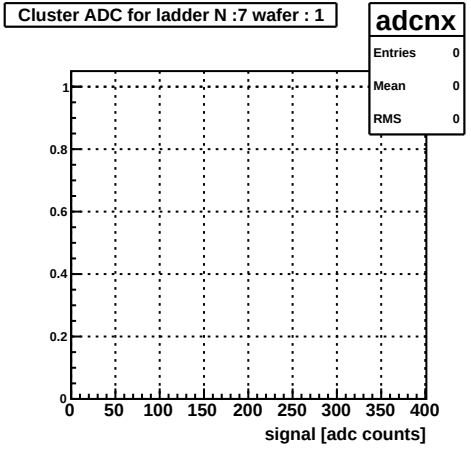

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1487
Mean 27.55
RMS 27.46
signal [adc counts]

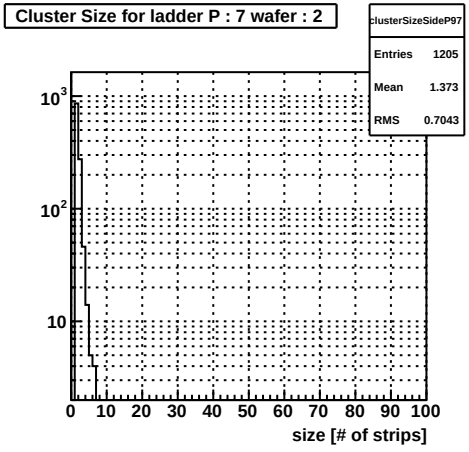

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 8647
Mean 1.347
RMS 0.7192
size [# of strips]

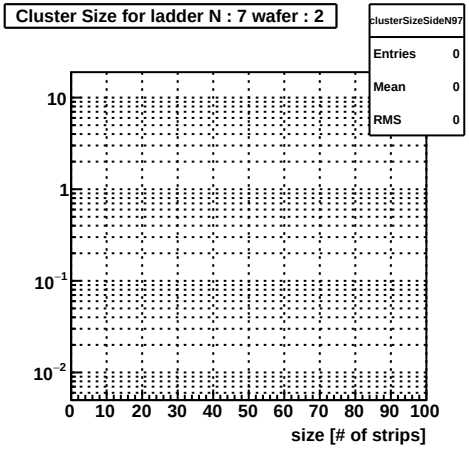

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

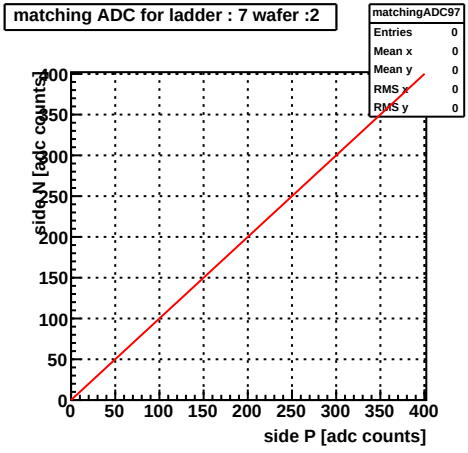

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

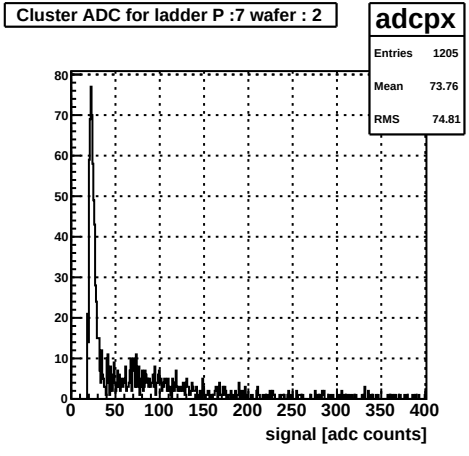

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 8647
Mean 40.18
RMS 37.15
signal [adc counts]

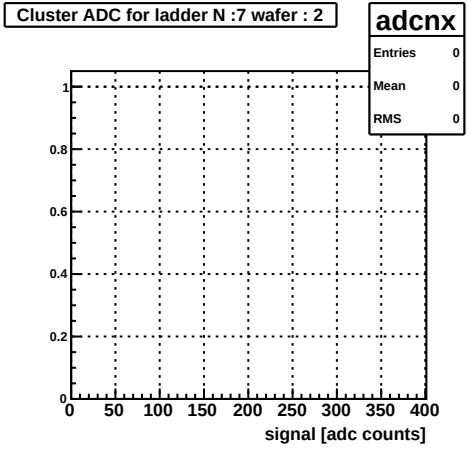

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

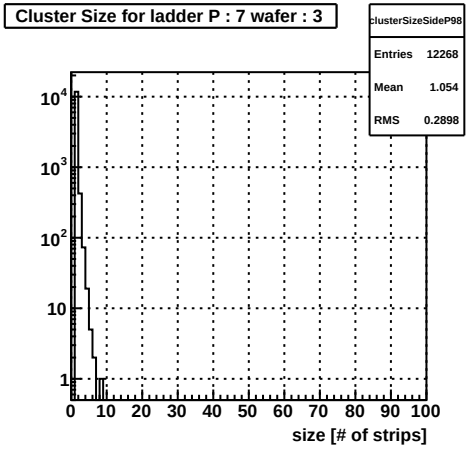

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 1205
Mean 1.373
RMS 0.7043
size [# of strips]

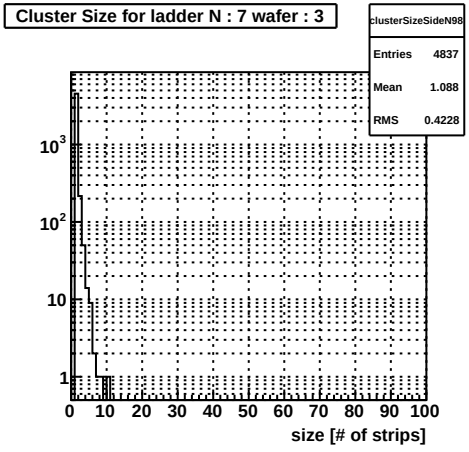

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

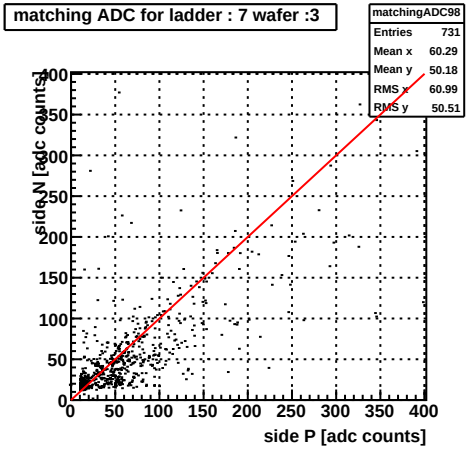

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

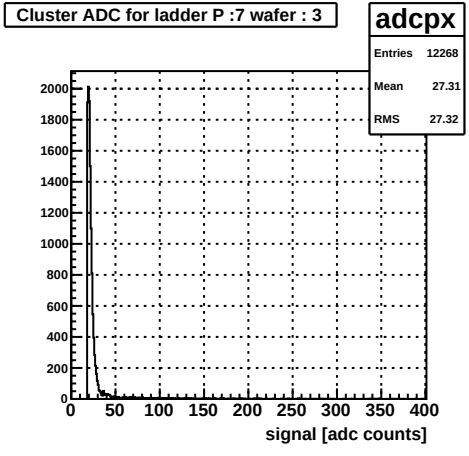

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 1205
Mean 73.76
RMS 74.81
signal [adc counts]

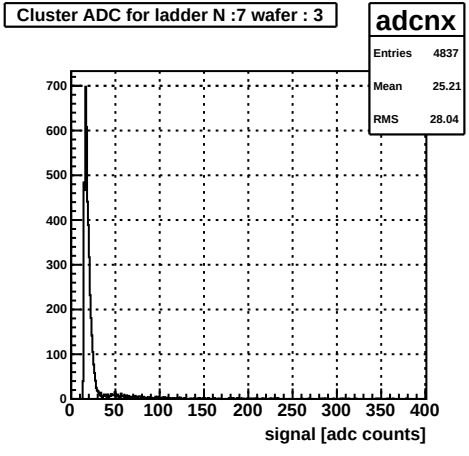

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

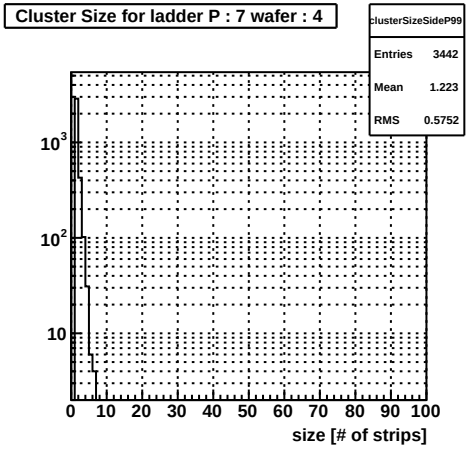

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 12268
Mean 1.054
RMS 0.2898
size [# of strips]

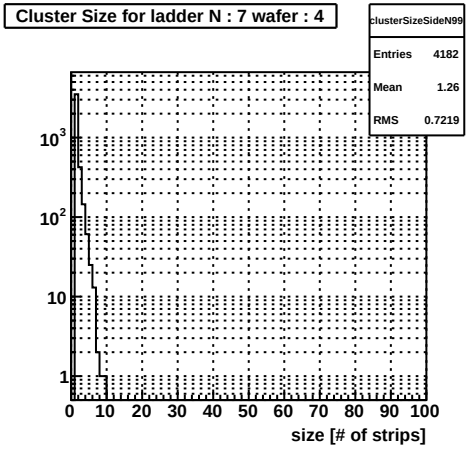

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 4837
Mean 1.088
RMS 0.4228
size [# of strips]

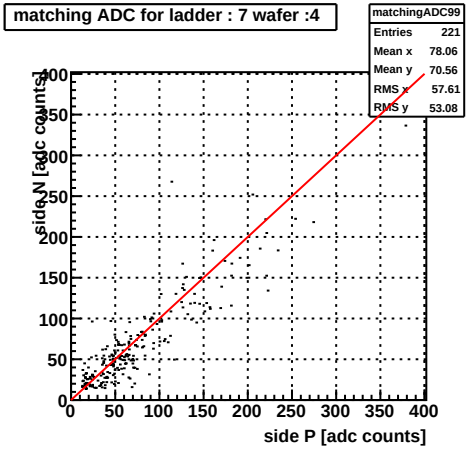

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 731
Mean x 60.29
Mean y 50.18
RMS x 60.99
RMS y 50.51
side N [adc counts]
side P [adc counts]

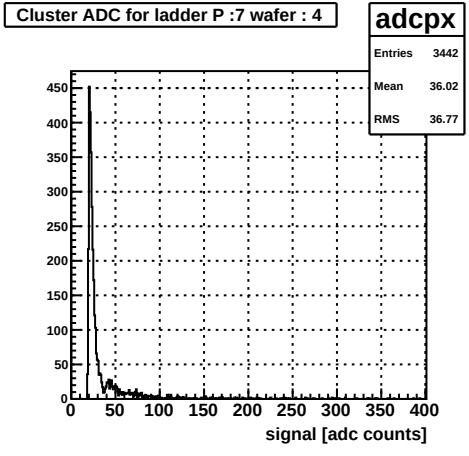

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 12268
Mean 27.31
RMS 27.32
signal [adc counts]

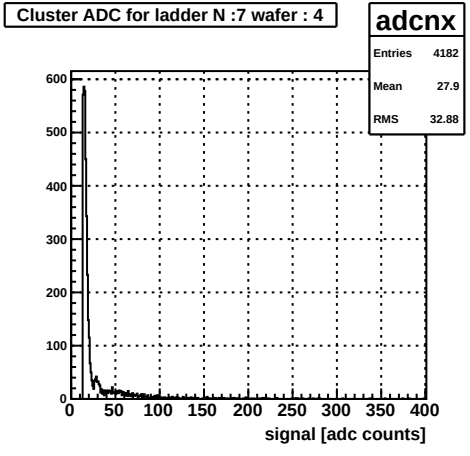

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 4837
Mean 25.21
RMS 28.04
signal [adc counts]

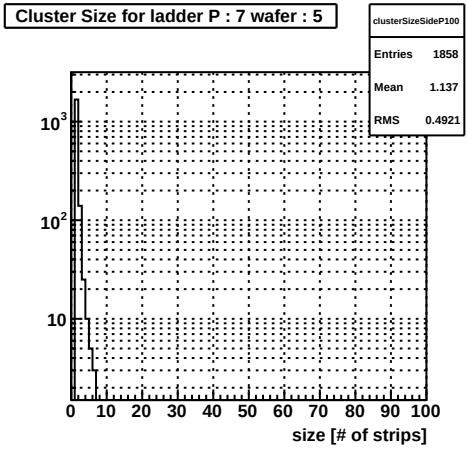

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 3442
Mean 1.223
RMS 0.5752
size [# of strips]

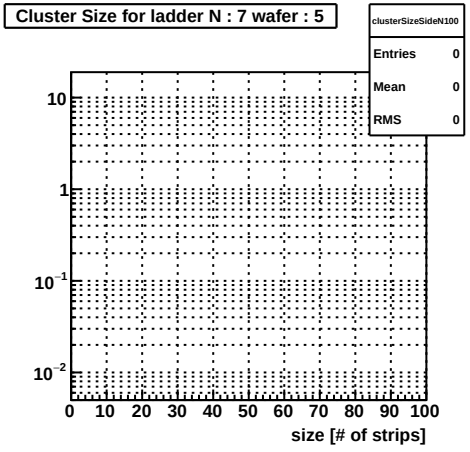

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 4182
Mean 1.26
RMS 0.7219
size [# of strips]

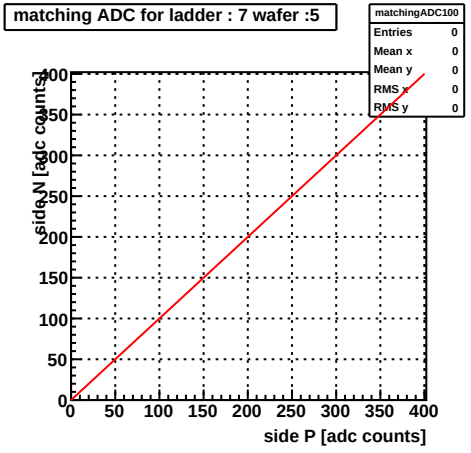

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 221
Mean x 78.06
Mean y 70.56
RMS x 57.61
RMS y 53.08
side N [adc counts]
side P [adc counts]

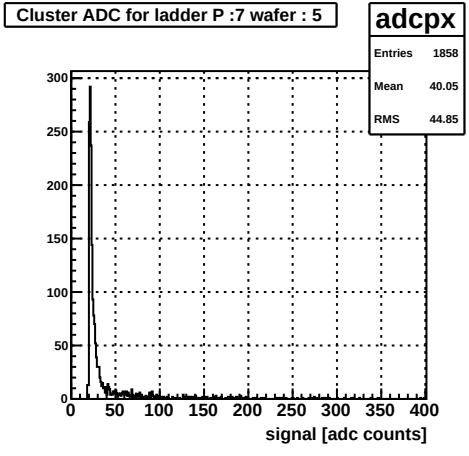

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 3442
Mean 36.02
RMS 36.77
signal [adc counts]

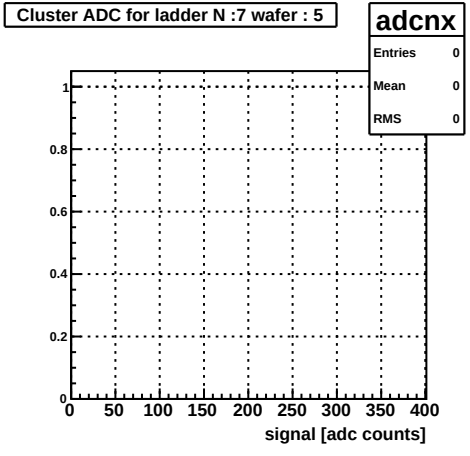

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 4182
Mean 27.9
RMS 32.88
signal [adc counts]

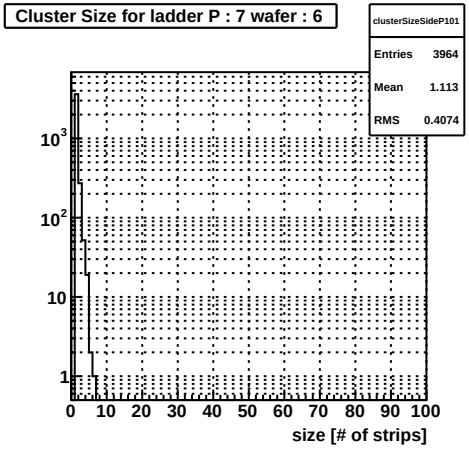

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1858
Mean 1.137
RMS 0.4921
size [# of strips]

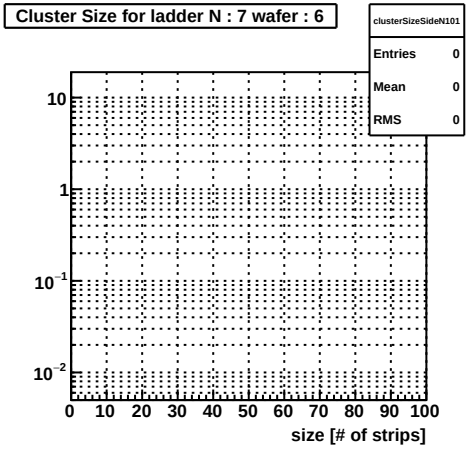

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

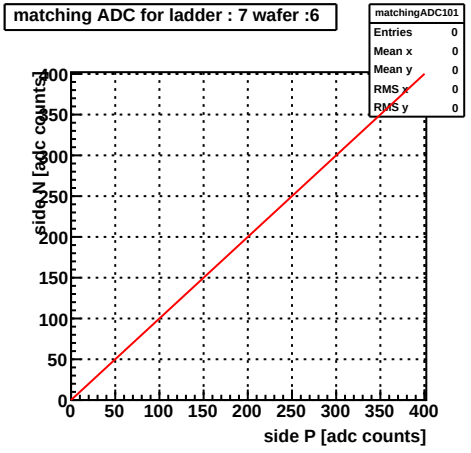

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

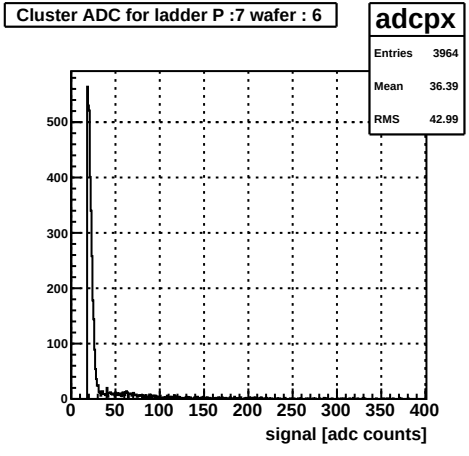

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1858
Mean 40.05
RMS 44.85
signal [adc counts]

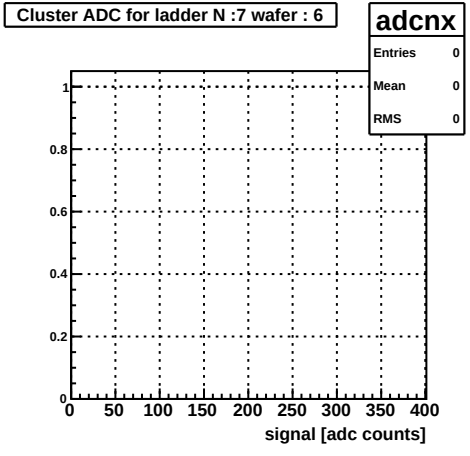

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

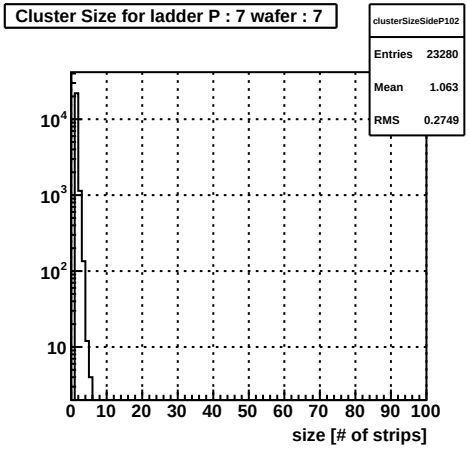

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 3964
Mean 1.113
RMS 0.4074
size [# of strips]

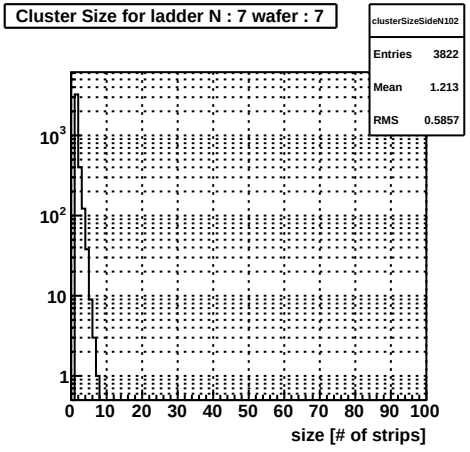

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

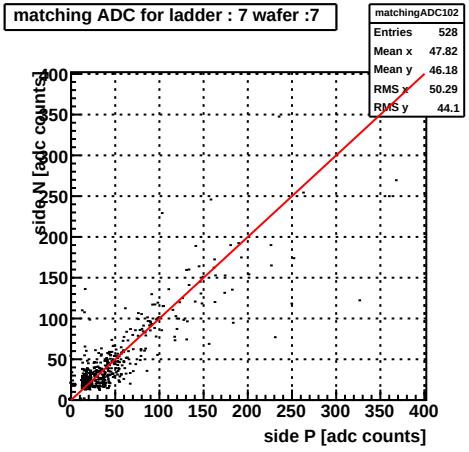

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

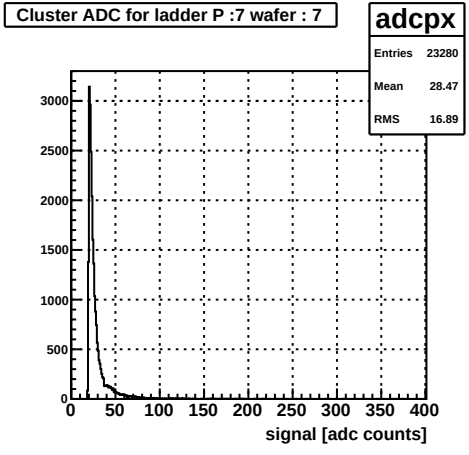

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 3964
Mean 36.39
RMS 42.99
signal [adc counts]

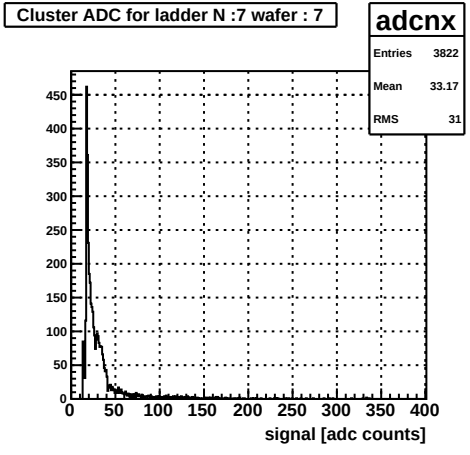

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

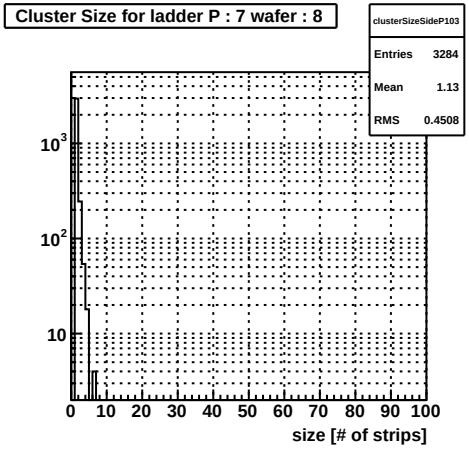

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 23280
Mean 1.063
RMS 0.2749
size [# of strips]

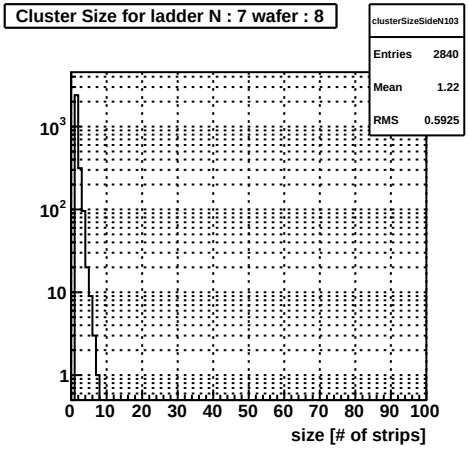

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3822
Mean 1.213
RMS 0.5857
size [# of strips]

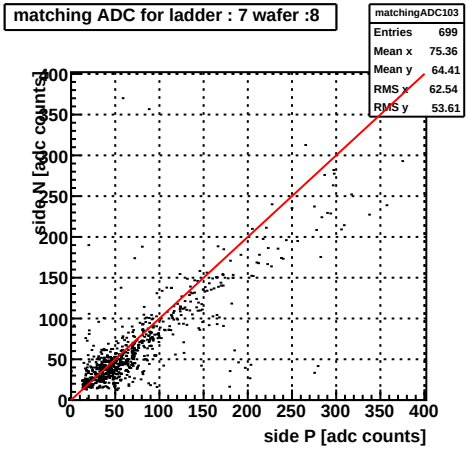

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 528
Mean x 47.82
Mean y 46.18
RMS x 50.29
RMS y 44.1
side N [adc counts]
side P [adc counts]

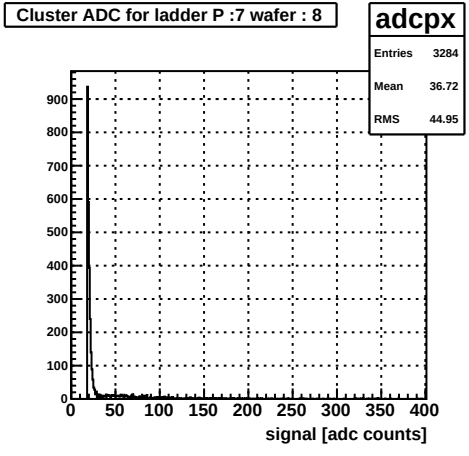

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 23280
Mean 28.47
RMS 16.89
signal [adc counts]

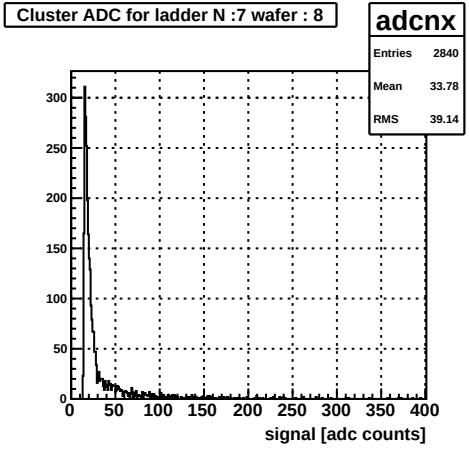

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3822
Mean 33.17
RMS 31
signal [adc counts]

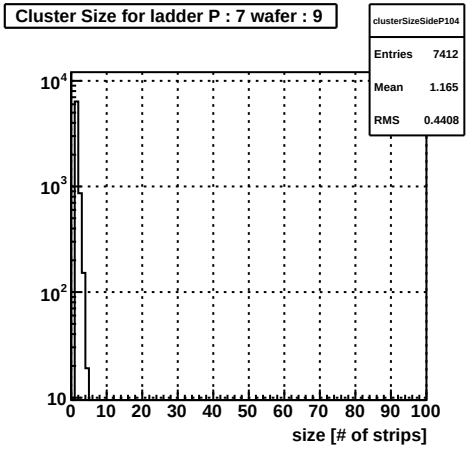

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 3284
Mean 1.13
RMS 0.4508
size [# of strips]

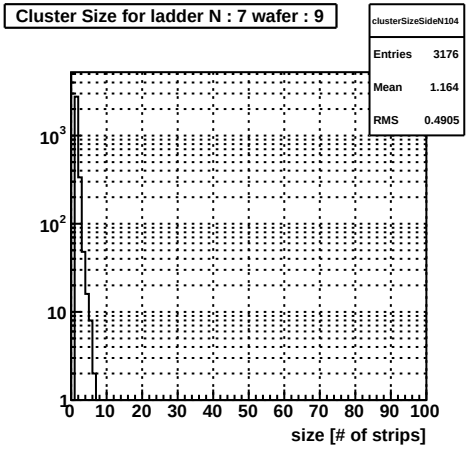

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 2840
Mean 1.22
RMS 0.5925
size [# of strips]

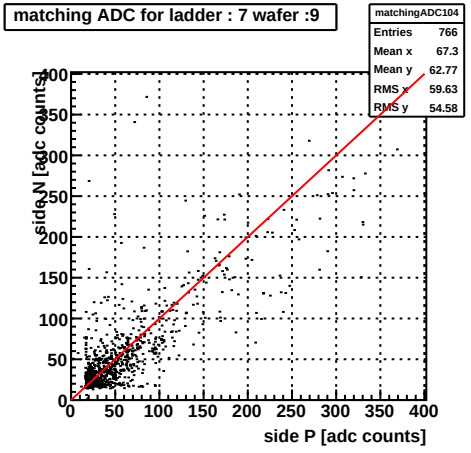

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 699
Mean x 75.36
Mean y 64.41
RMS x 62.54
RMS y 53.61
side N [adc counts]
side P [adc counts]

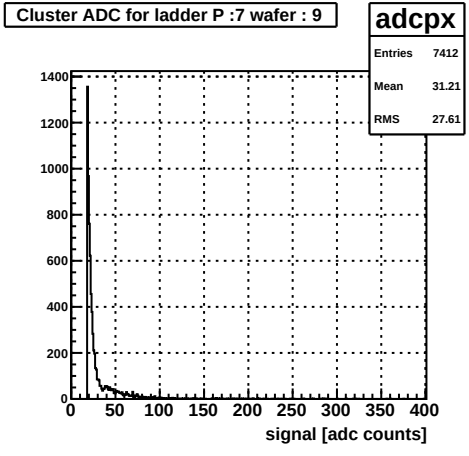

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 3284
Mean 36.72
RMS 44.95
signal [adc counts]

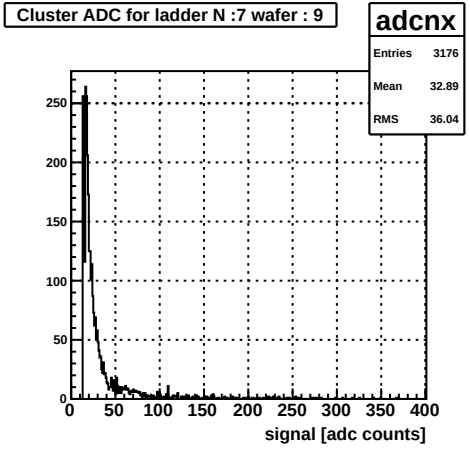

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 2840
Mean 33.78
RMS 39.14
signal [adc counts]

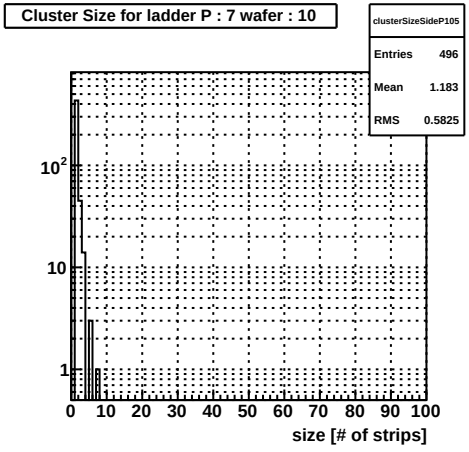

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 7412
Mean 1.165
RMS 0.4408
size [# of strips]

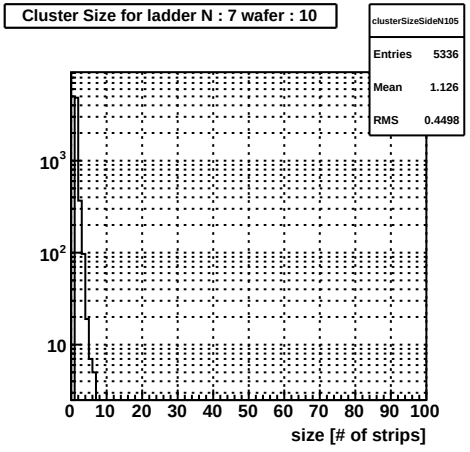

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 3176
Mean 1.164
RMS 0.4905
size [# of strips]

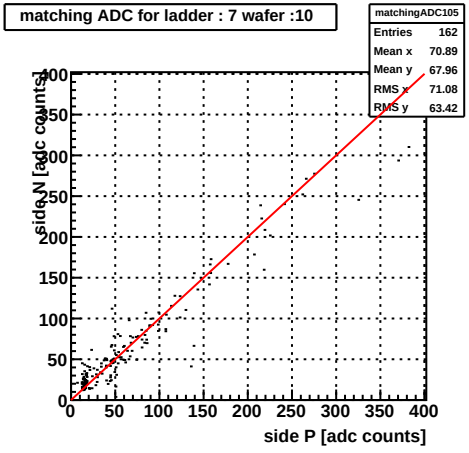

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 766
Mean x 67.3
Mean y 62.77
RMS x 59.63
RMS y 54.58
side N [adc counts]
side P [adc counts]

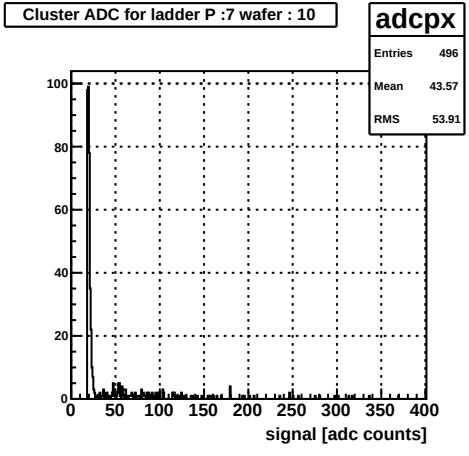

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 7412
Mean 31.21
RMS 27.61
signal [adc counts]

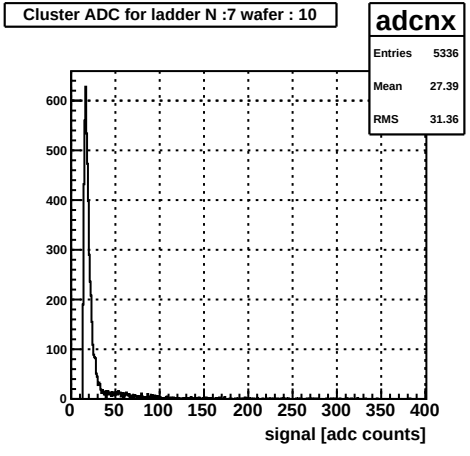

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 3176
Mean 32.89
RMS 36.04
signal [adc counts]

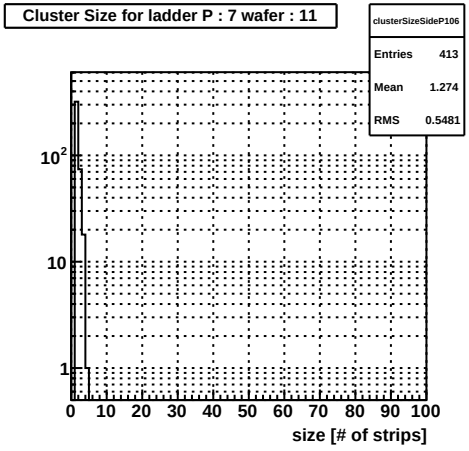

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 496
Mean 1.183
RMS 0.5825
size [# of strips]

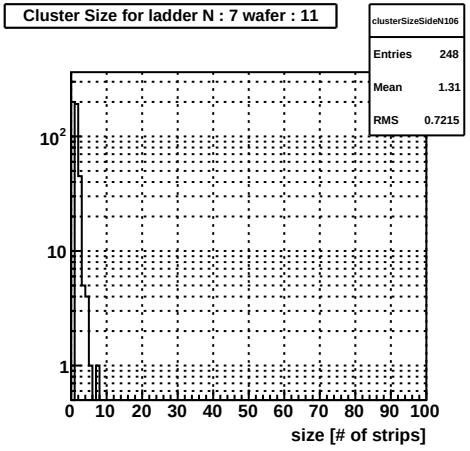

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 5336
Mean 1.126
RMS 0.4498
size [# of strips]

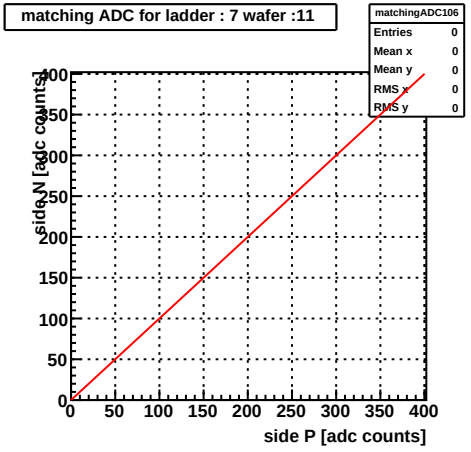

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 162
Mean x 70.89
Mean y 67.96
RMS x 71.08
RMS y 63.42
side N [adc counts]
side P [adc counts]

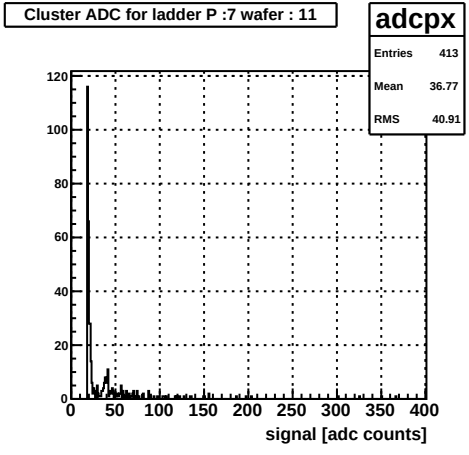

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 496
Mean 43.57
RMS 53.91
signal [adc counts]

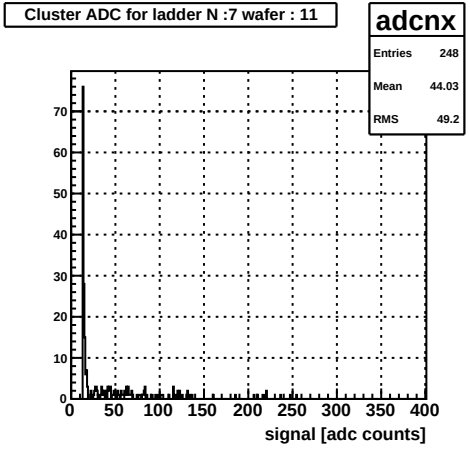

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 5336
Mean 27.39
RMS 31.36
signal [adc counts]

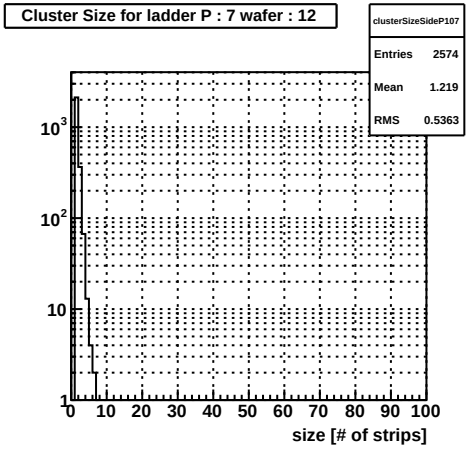

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 413
Mean 1.274
RMS 0.5481
size [# of strips]

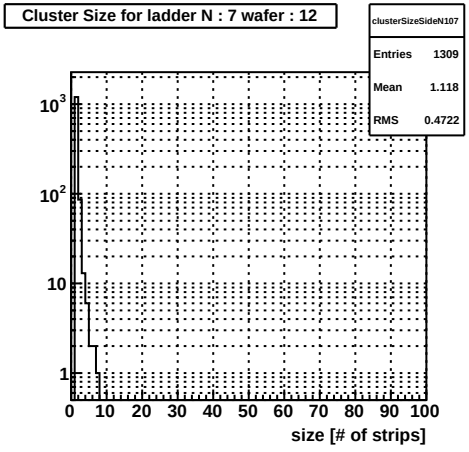

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 248
Mean 1.31
RMS 0.7215
size [# of strips]

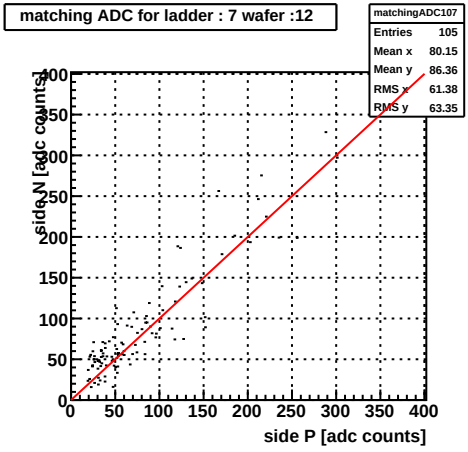

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

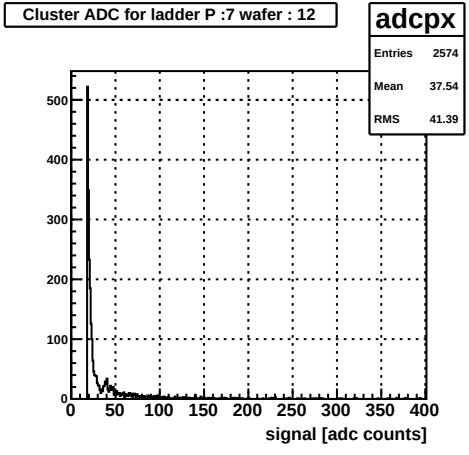

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 413
Mean 36.77
RMS 40.91
signal [adc counts]

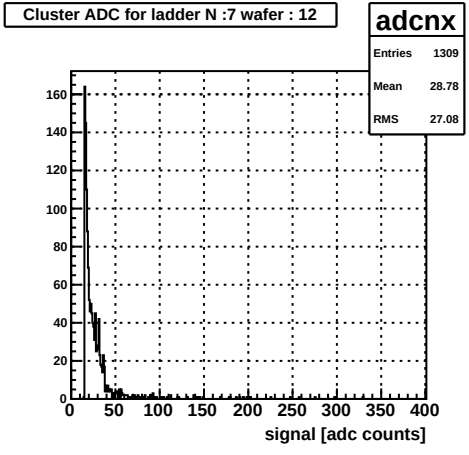

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 248
Mean 44.03
RMS 49.2
signal [adc counts]

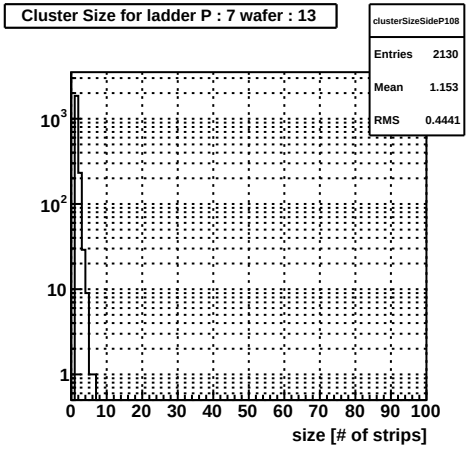

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 2574
Mean 1.219
RMS 0.5363
size [# of strips]

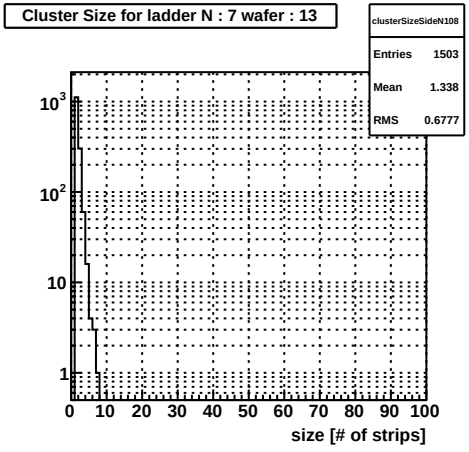

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 1309
Mean 1.118
RMS 0.4722
size [# of strips]

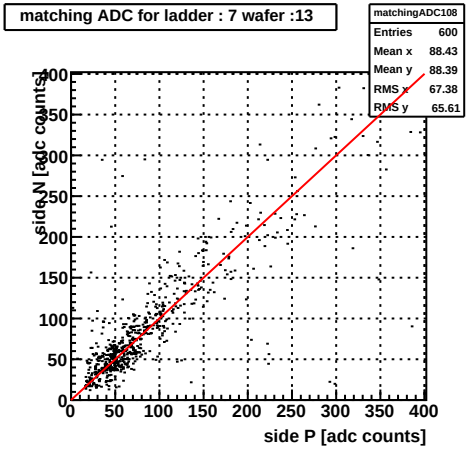

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 105
Mean x 80.15
Mean y 86.36
RMS x 61.38
RMS y 63.35
side N [adc counts]
side P [adc counts]

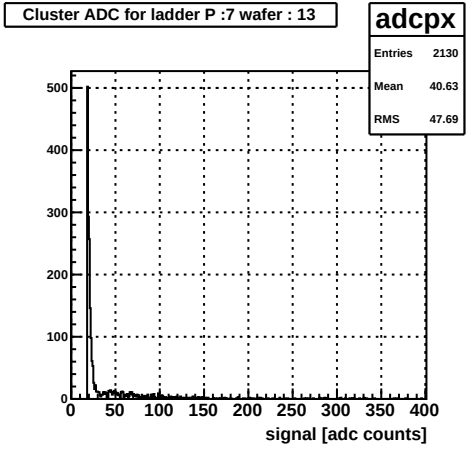

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 2574
Mean 37.54
RMS 41.39
signal [adc counts]

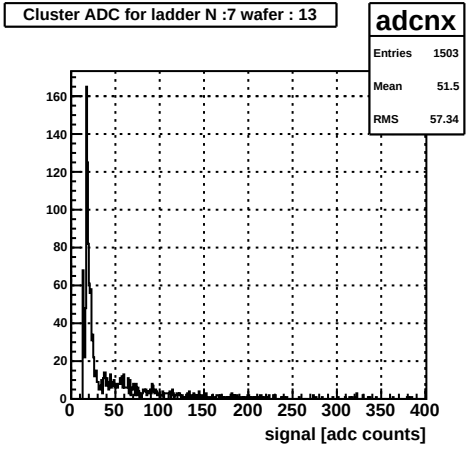

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 1309
Mean 28.78
RMS 27.08
signal [adc counts]

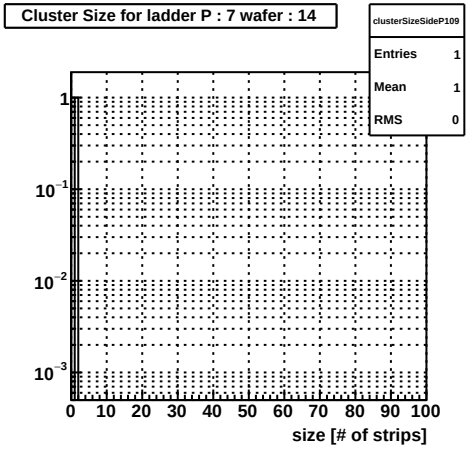

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 2130
Mean 1.153
RMS 0.4441
size [# of strips]

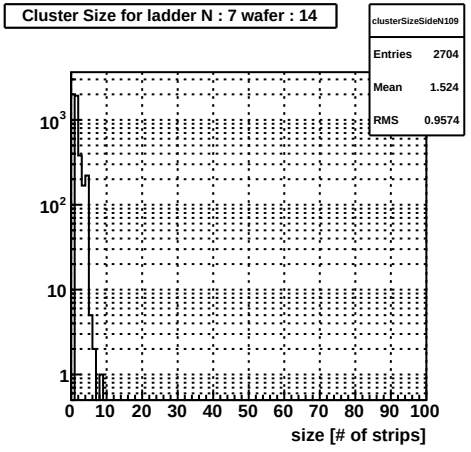

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 1503
Mean 1.338
RMS 0.6777
size [# of strips]

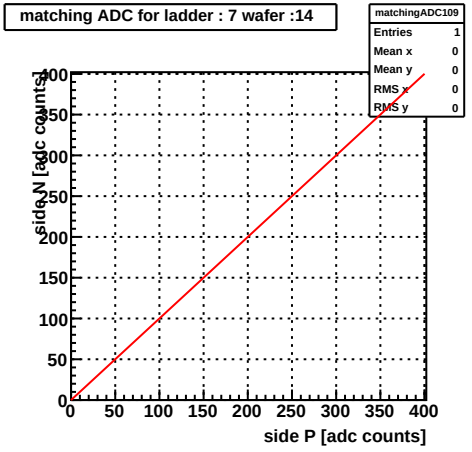

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 600
Mean x 88.43
Mean y 88.39
RMS x 67.38
RMS y 65.61
side N [adc counts]
side P [adc counts]

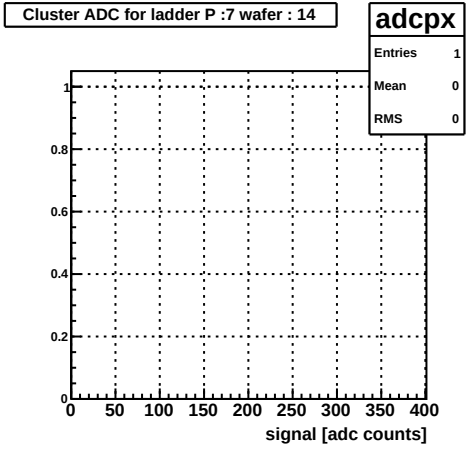

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 2130
Mean 40.63
RMS 47.69
signal [adc counts]

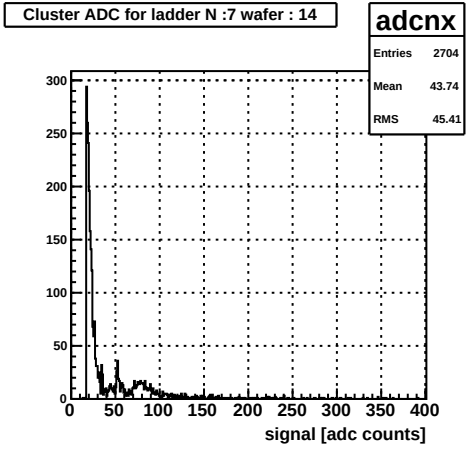

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 1503
Mean 51.5
RMS 57.34
signal [adc counts]

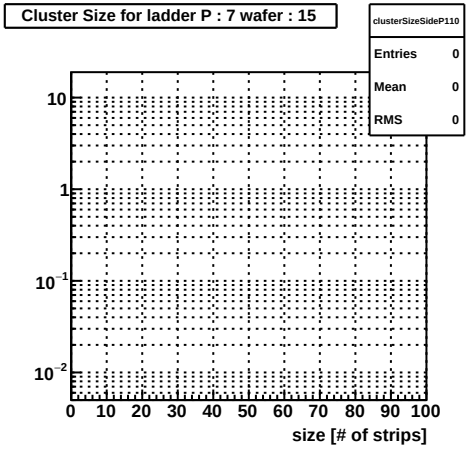

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 1
Mean 1
RMS 0
size [# of strips]

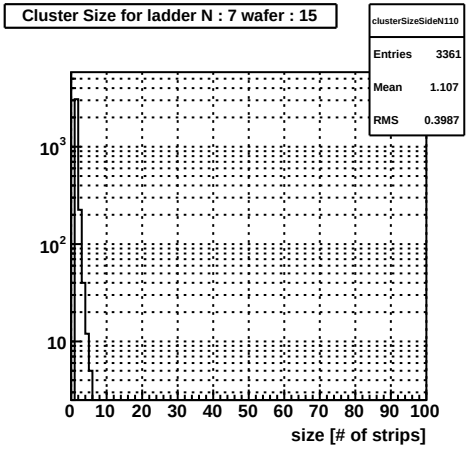

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2704
Mean 1.524
RMS 0.9574
size [# of strips]

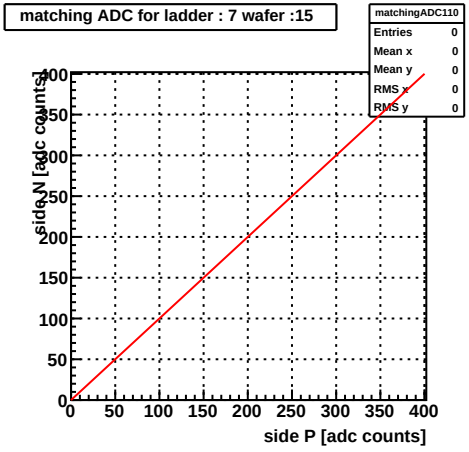

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

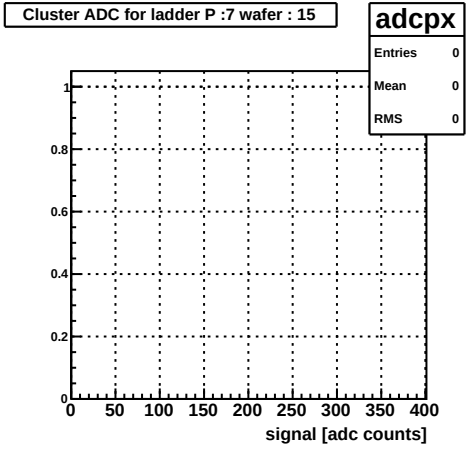

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

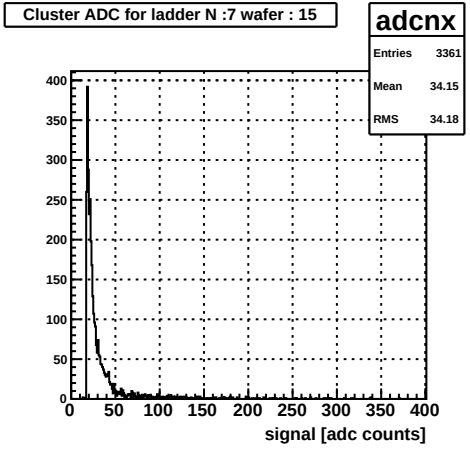

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2704
Mean 43.74
RMS 45.41
signal [adc counts]

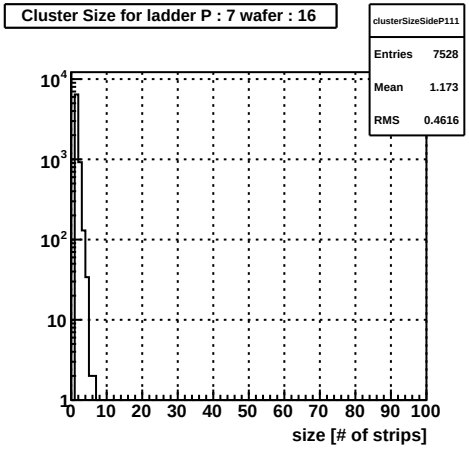

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 0
Mean 0
RMS 0
size [# of strips]

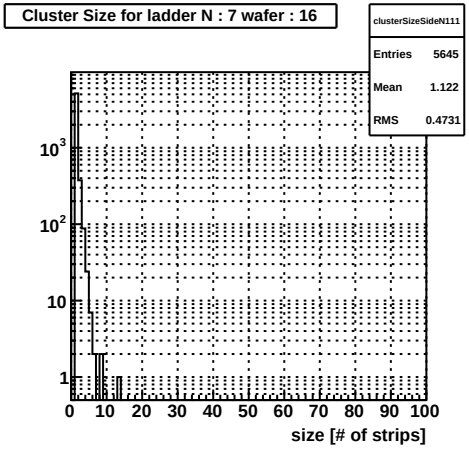

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 3361
Mean 1.107
RMS 0.3987
size [# of strips]

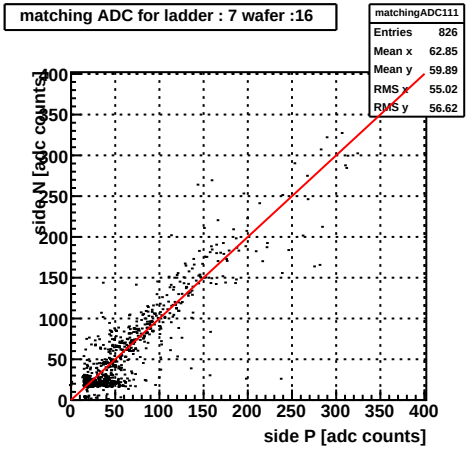

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

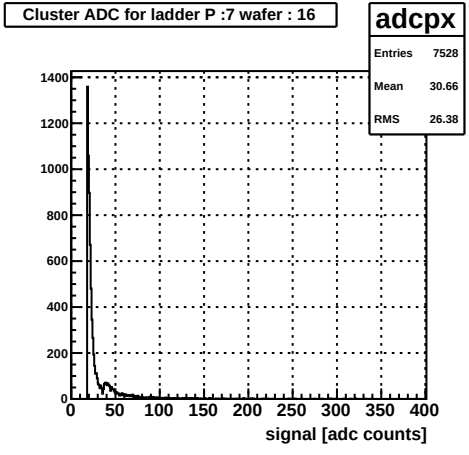

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

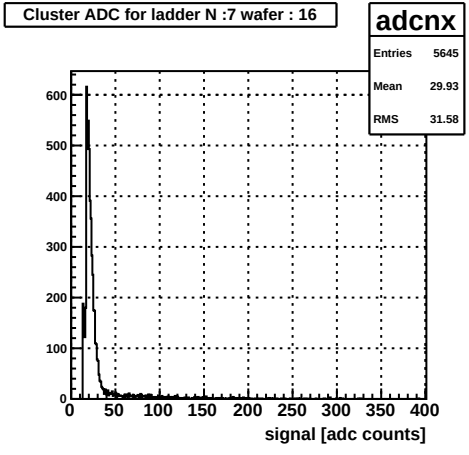

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 3361
Mean 34.15
RMS 34.18
signal [adc counts]

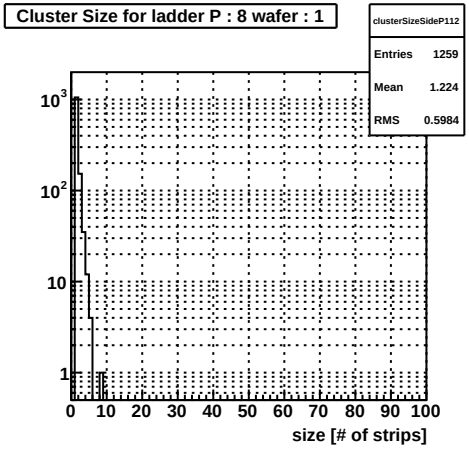

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 7528
Mean 1.173
RMS 0.4616
size [# of strips]

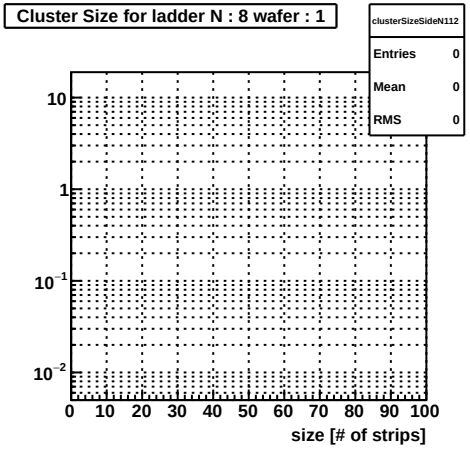

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 5645
Mean 1.122
RMS 0.4731
size [# of strips]

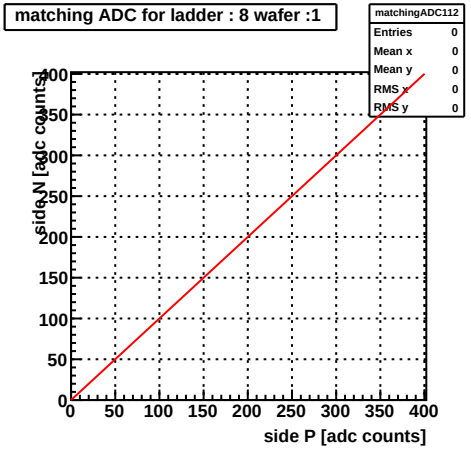

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 826
Mean x 62.85
Mean y 59.89
RMS x 55.02
RMS y 56.62
side N [adc counts]
side P [adc counts]

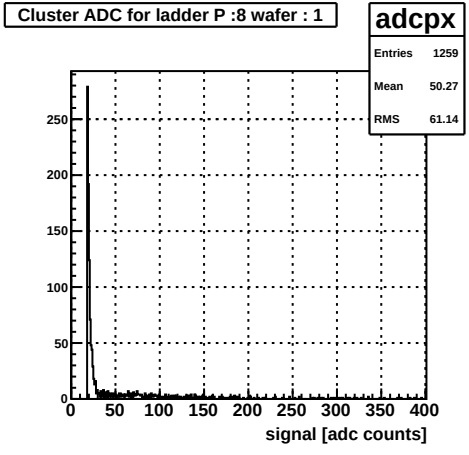

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 7528
Mean 30.66
RMS 26.38
signal [adc counts]

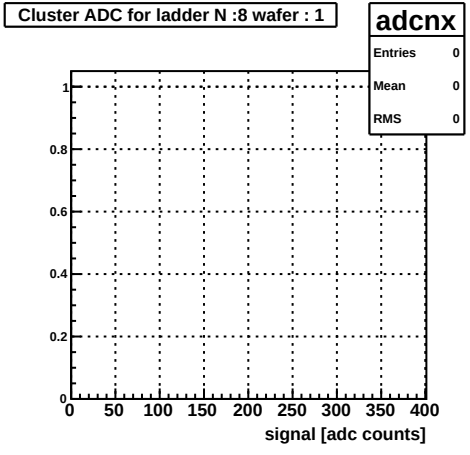

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 5645
Mean 29.93
RMS 31.58
signal [adc counts]

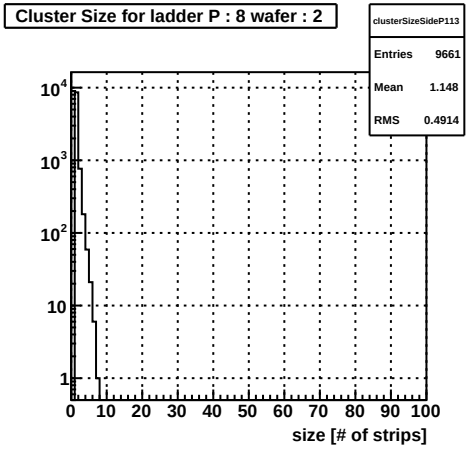

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1259
Mean 1.224
RMS 0.5984
size [# of strips]

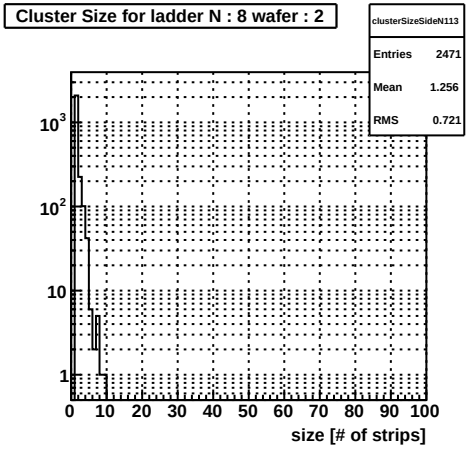

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

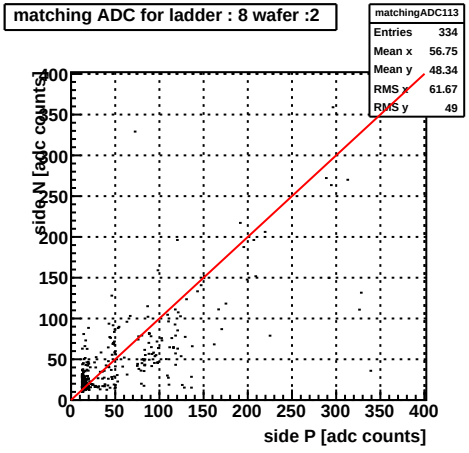

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

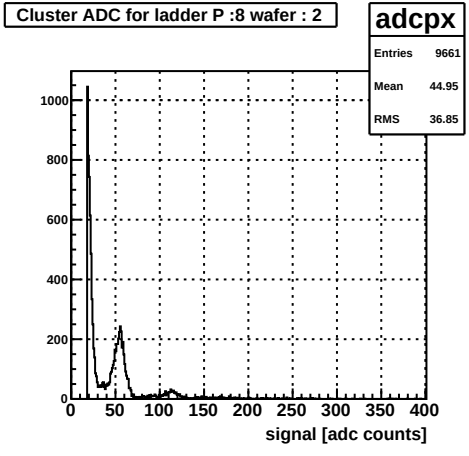

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1259
Mean 50.27
RMS 61.14
signal [adc counts]

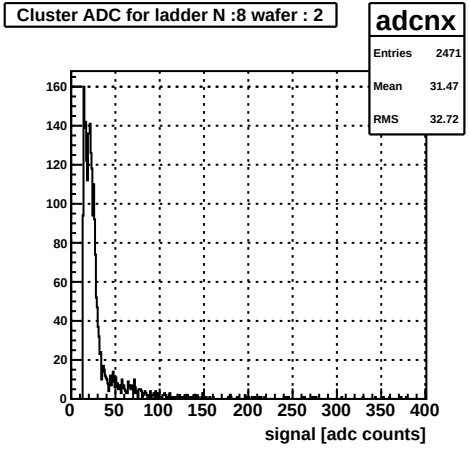

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

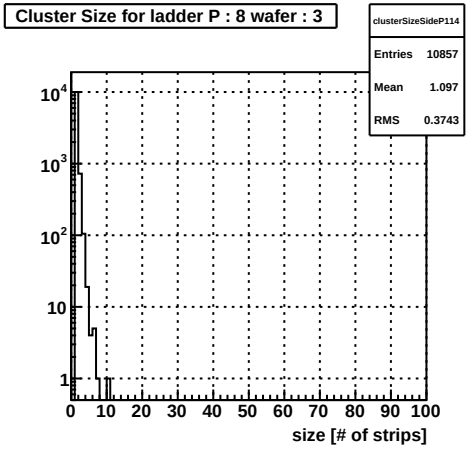

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 9661
Mean 1.148
RMS 0.4914
size [# of strips]

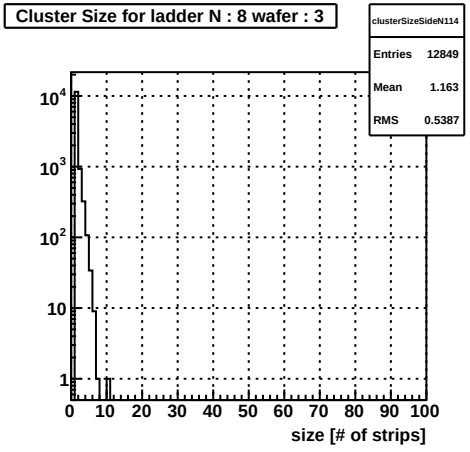

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2471
Mean 1.256
RMS 0.721
size [# of strips]

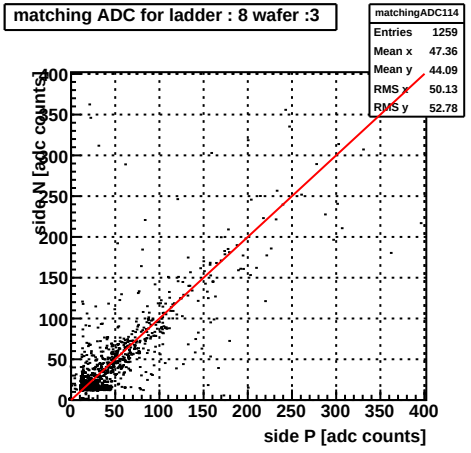

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 334
Mean x 56.75
Mean y 48.34
RMS x 61.67
RMS y 49
side N [adc counts]
side P [adc counts]

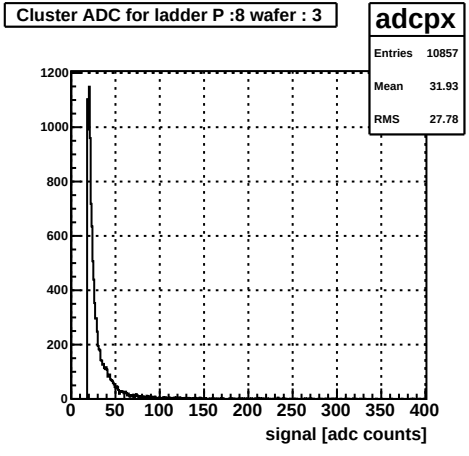

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 9661
Mean 44.95
RMS 36.85
signal [adc counts]

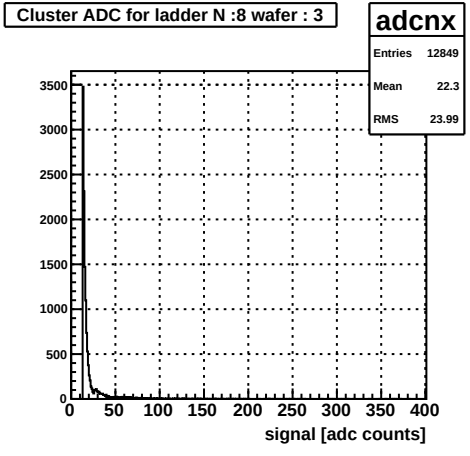

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2471
Mean 31.47
RMS 32.72
signal [adc counts]

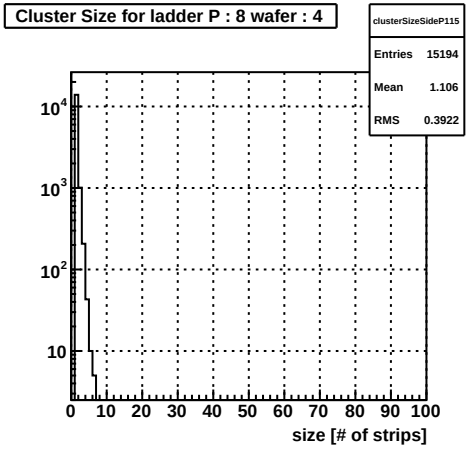

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 10857
Mean 1.097
RMS 0.3743
size [# of strips]

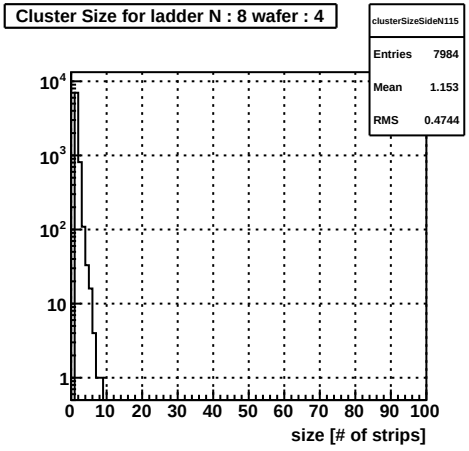

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 12849
Mean 1.163
RMS 0.5387
size [# of strips]

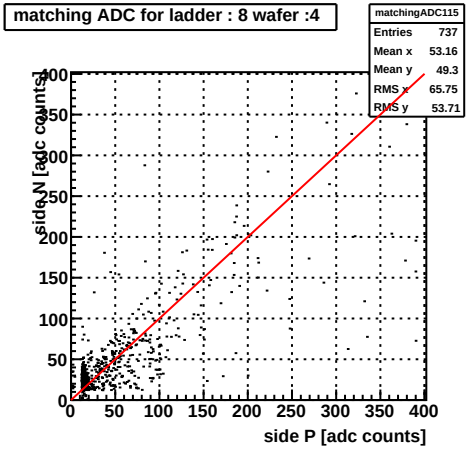

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1259
Mean x 47.36
Mean y 44.09
RMS x 50.13
RMS y 52.78
side N [adc counts]
side P [adc counts]

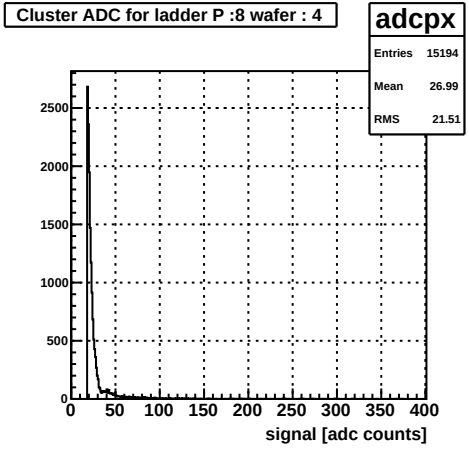

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 10857
Mean 31.93
RMS 27.78
signal [adc counts]

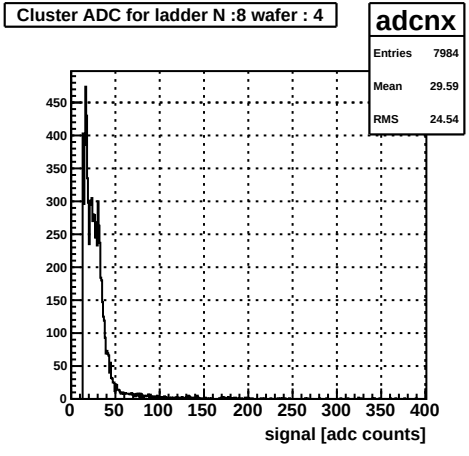

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 12849
Mean 22.3
RMS 23.99
signal [adc counts]

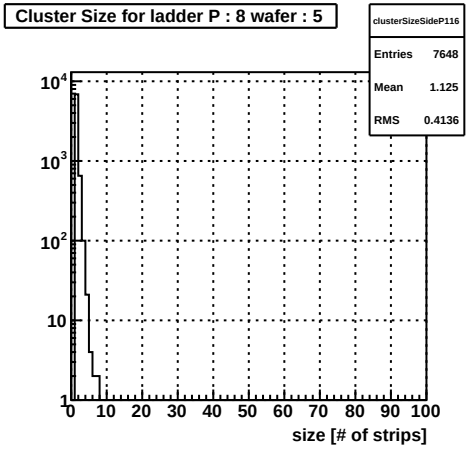

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 15194
Mean 1.106
RMS 0.3922
size [# of strips]

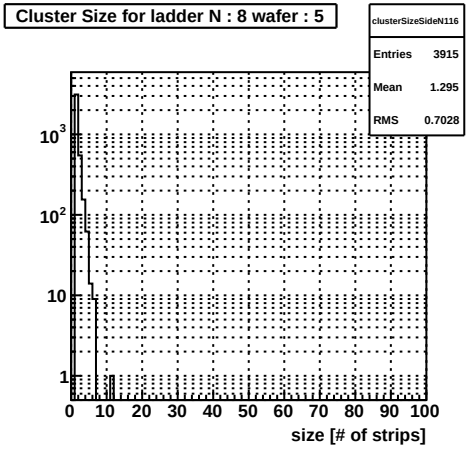

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 7984
Mean 1.153
RMS 0.4744
size [# of strips]

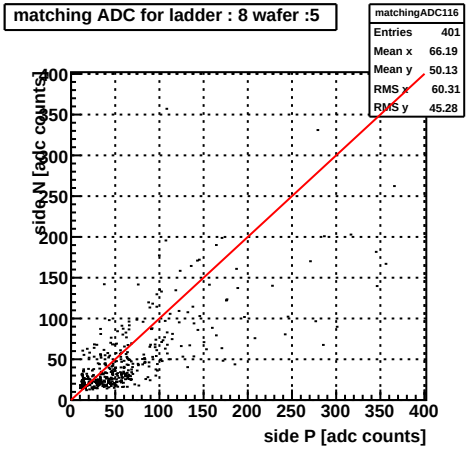

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 737
Mean x 53.16
Mean y 49.3
RMS x 65.75
RMS y 53.71
side N [adc counts]
side P [adc counts]

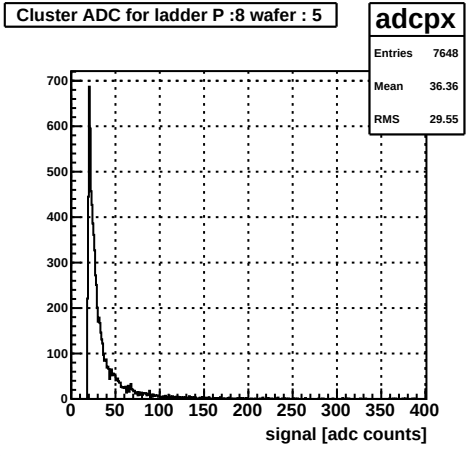

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 15194
Mean 26.99
RMS 21.51
signal [adc counts]

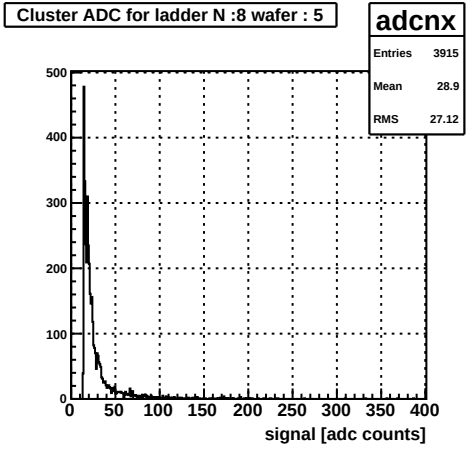

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 7984
Mean 29.59
RMS 24.54
signal [adc counts]

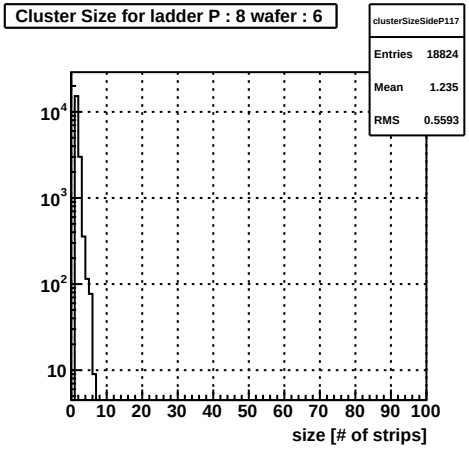

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7648
Mean 1.125
RMS 0.4136
size [# of strips]

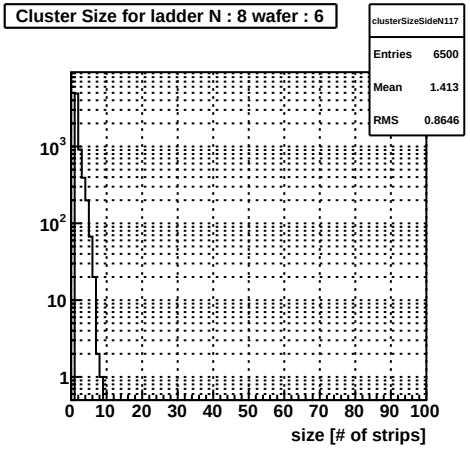

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 3915
Mean 1.295
RMS 0.7028
size [# of strips]

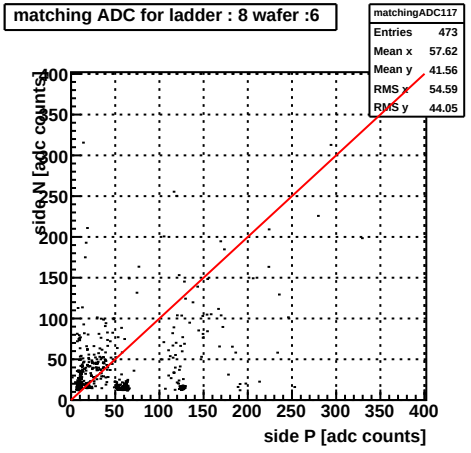

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 401
Mean x 66.19
Mean y 50.13
RMS x 60.31
RMS y 45.28
side N [adc counts]
side P [adc counts]

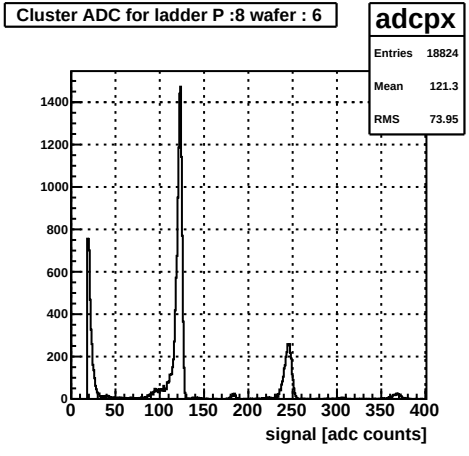

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7648
Mean 36.36
RMS 29.55
signal [adc counts]

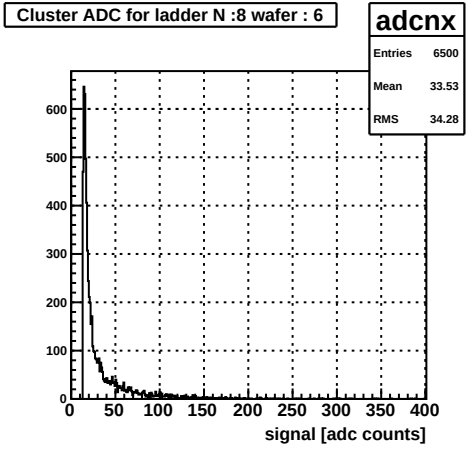

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 3915
Mean 28.9
RMS 27.12
signal [adc counts]

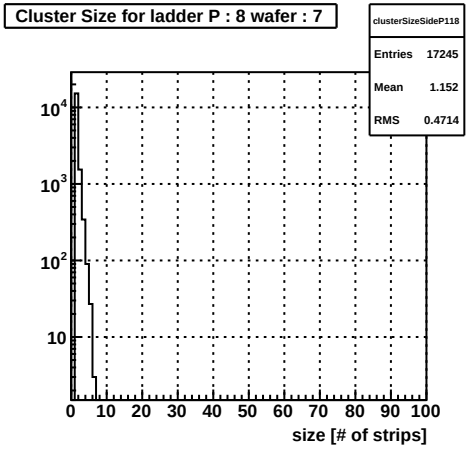

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 18824
Mean 1.235
RMS 0.5593
size [# of strips]

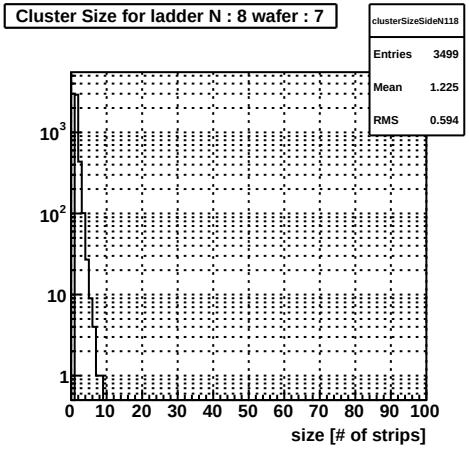

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 6500
Mean 1.413
RMS 0.8646
size [# of strips]

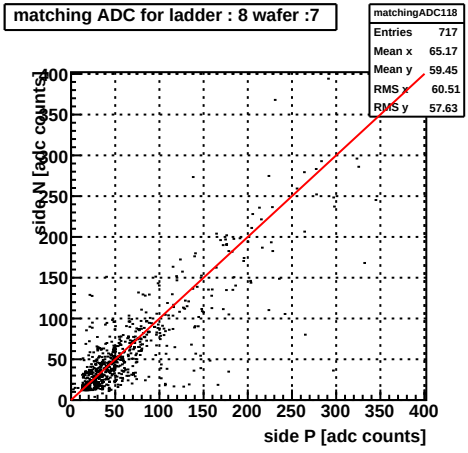

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 473
Mean x 57.62
Mean y 41.56
RMS x 54.59
RMS y 44.05
side N [adc counts]
side P [adc counts]

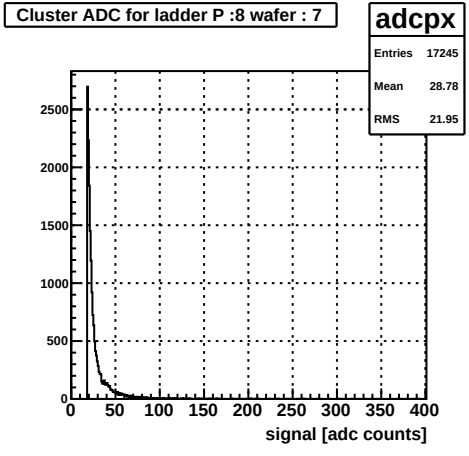

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 18824
Mean 121.3
RMS 73.95
signal [adc counts]

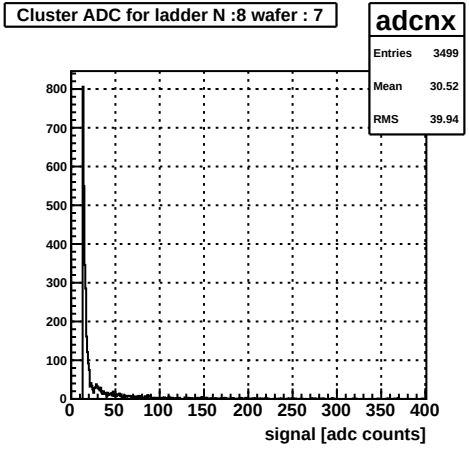

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 6500
Mean 33.53
RMS 34.28
signal [adc counts]

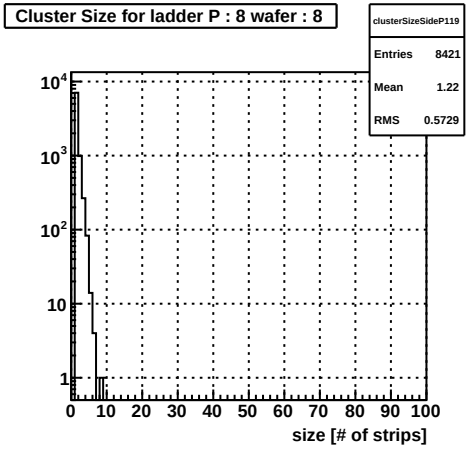

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 17245
Mean 1.152
RMS 0.4714
size [# of strips]

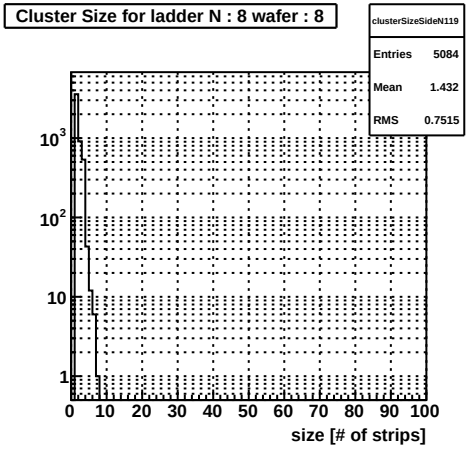

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3499
Mean 1.225
RMS 0.594
size [# of strips]

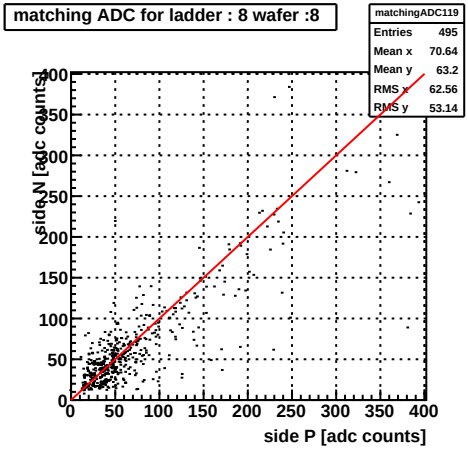

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 717
Mean x 65.17
Mean y 59.45
RMS x 60.51
RMS y 57.63
side N [adc counts]
side P [adc counts]

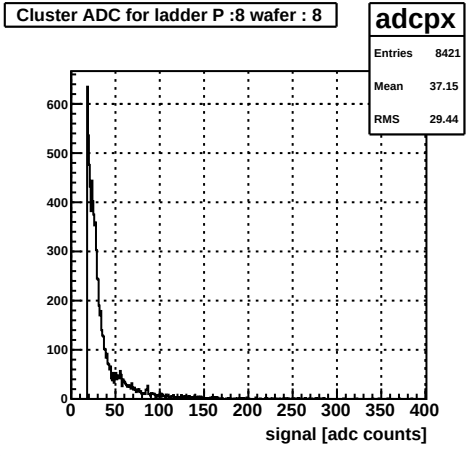

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 17245
Mean 28.78
RMS 21.95
signal [adc counts]

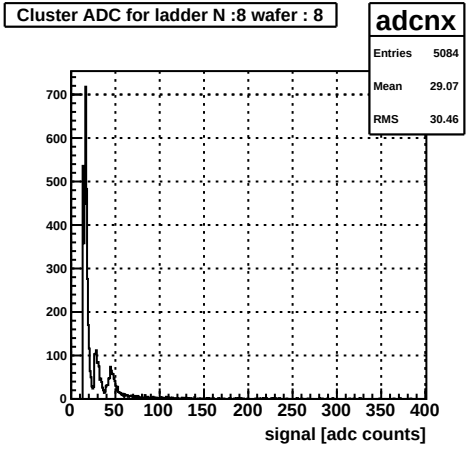

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3499
Mean 30.52
RMS 39.94
signal [adc counts]

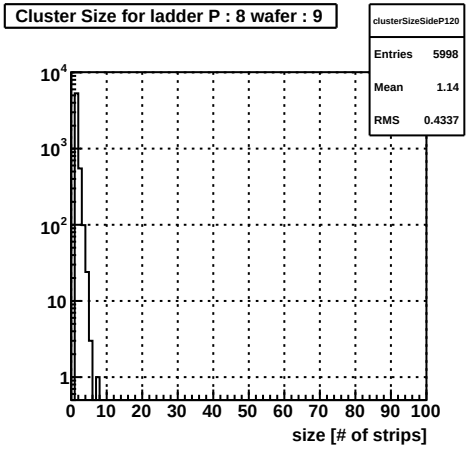

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 8421
Mean 1.22
RMS 0.5729
size [# of strips]

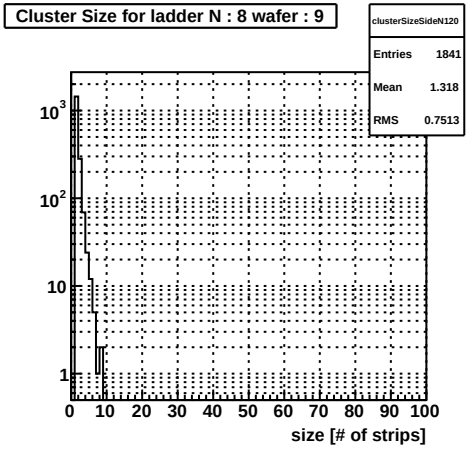

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 5084
Mean 1.432
RMS 0.7515
size [# of strips]

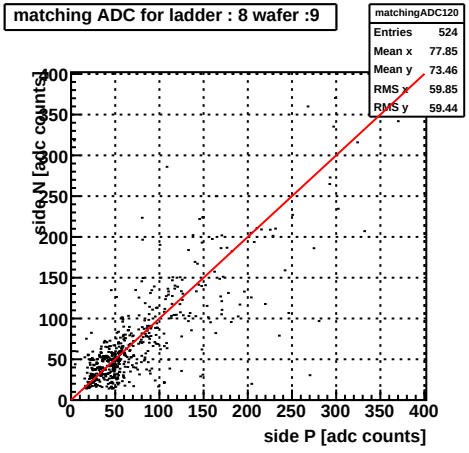

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 495
Mean x 70.64
Mean y 63.2
RMS x 62.56
RMS y 53.14
side N [adc counts]
side P [adc counts]

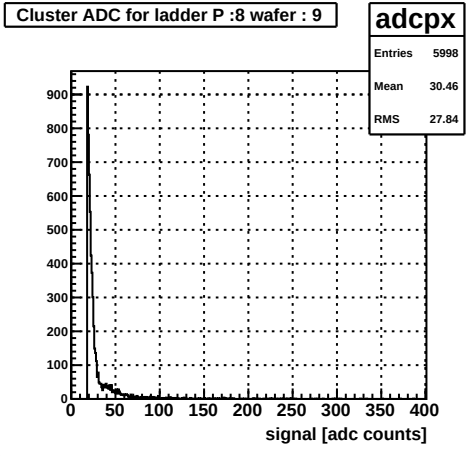

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 8421
Mean 37.15
RMS 29.44
signal [adc counts]

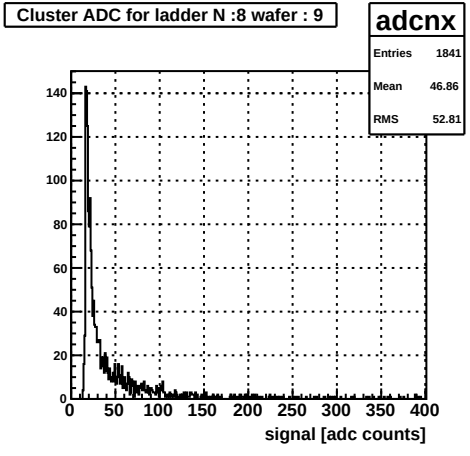

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 5084
Mean 29.07
RMS 30.46
signal [adc counts]

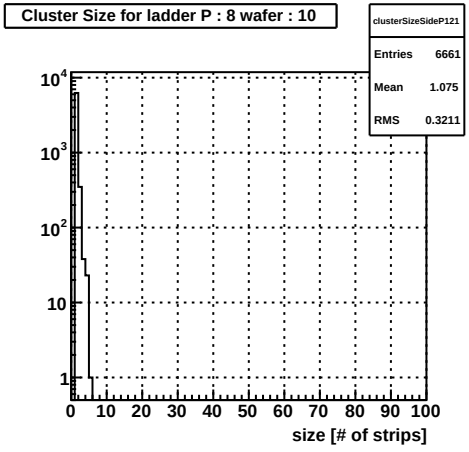

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 5998
Mean 1.14
RMS 0.4337
size [# of strips]

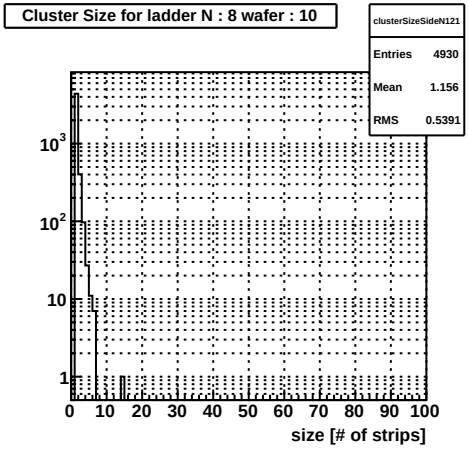

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1841
Mean 1.318
RMS 0.7513
size [# of strips]

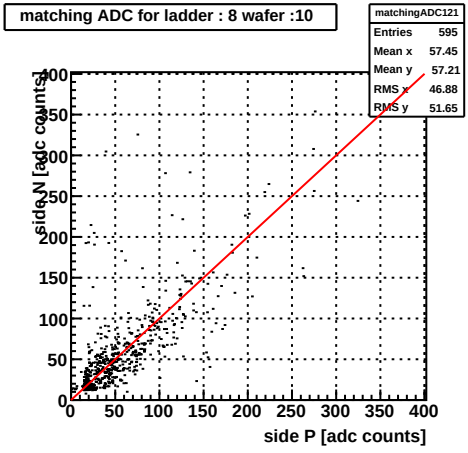

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 524
Mean x 77.85
Mean y 73.46
RMS x 59.85
RMS y 59.44
side N [adc counts]
side P [adc counts]

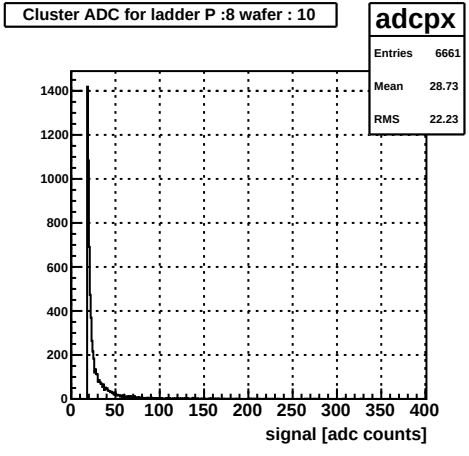

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 5998
Mean 30.46
RMS 27.84
signal [adc counts]

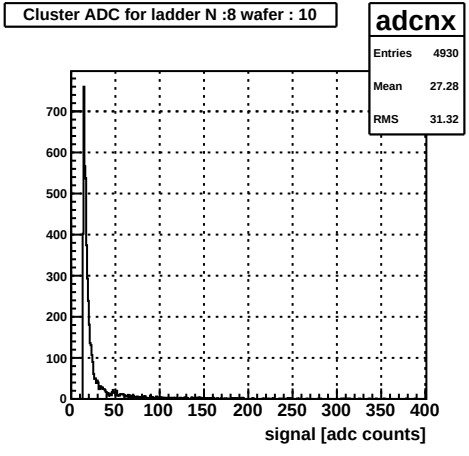

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1841
Mean 46.86
RMS 52.81
signal [adc counts]

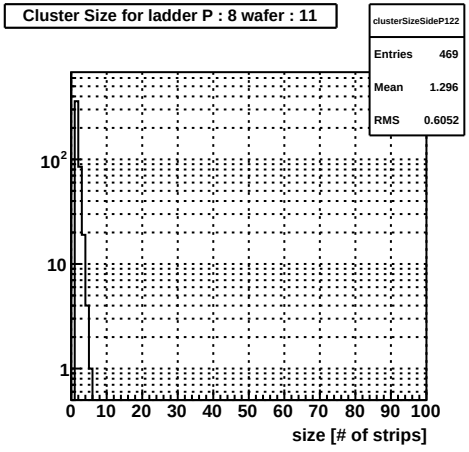

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 6661
Mean 1.075
RMS 0.3211
size [# of strips]

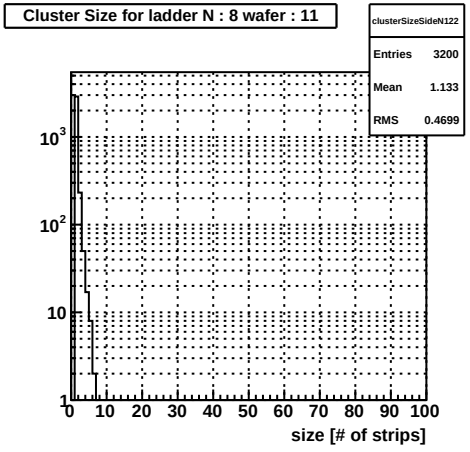

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4930
Mean 1.156
RMS 0.5391
size [# of strips]

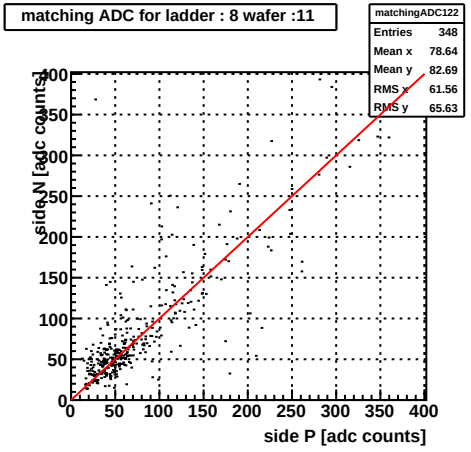

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 595
Mean x 57.45
Mean y 57.21
RMS x 46.88
RMS y 51.65
side N [adc counts]
side P [adc counts]

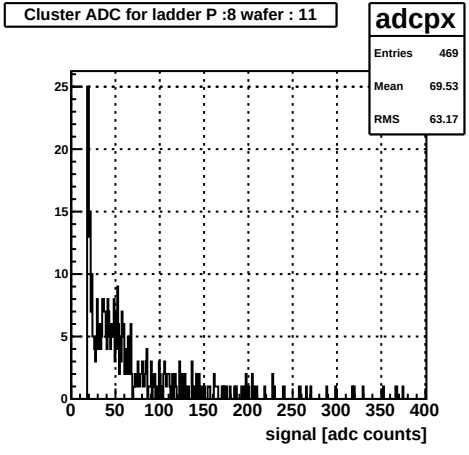

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 6661
Mean 28.73
RMS 22.23
signal [adc counts]

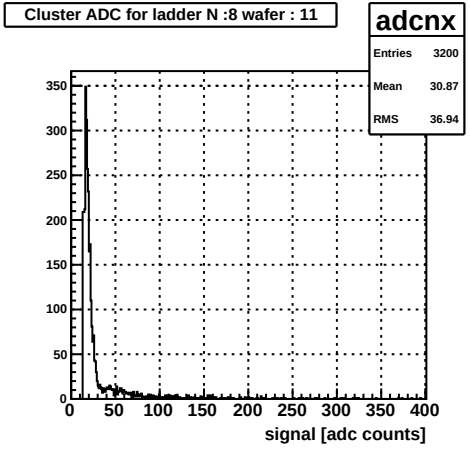

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4930
Mean 27.28
RMS 31.32
signal [adc counts]

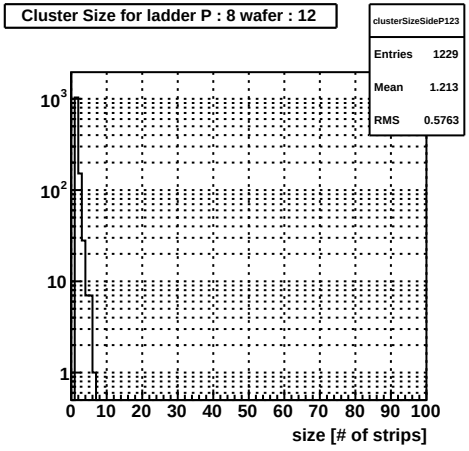

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 469
Mean 1.296
RMS 0.6052
size [# of strips]

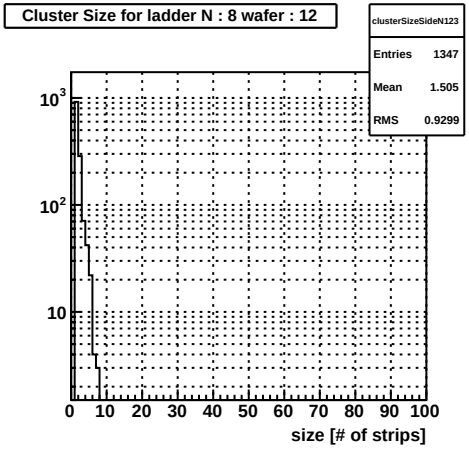

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 3200
Mean 1.133
RMS 0.4699
size [# of strips]

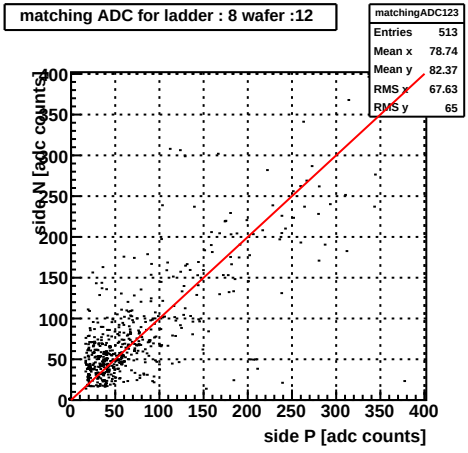

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 348
Mean x 78.64
Mean y 82.69
RMS x 61.56
RMS y 65.63
side N [adc counts]
side P [adc counts]

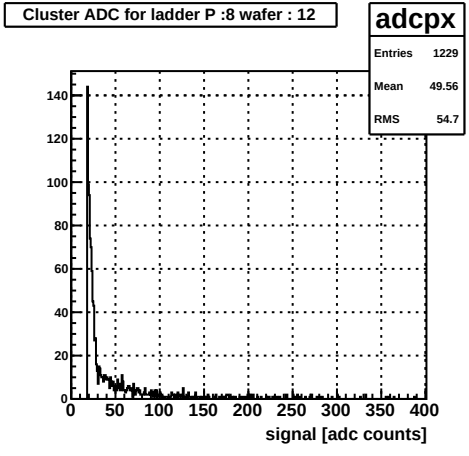

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 469
Mean 69.53
RMS 63.17
signal [adc counts]

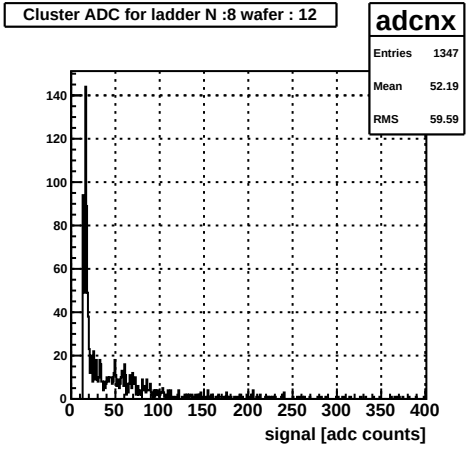

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 3200
Mean 30.87
RMS 36.94
signal [adc counts]

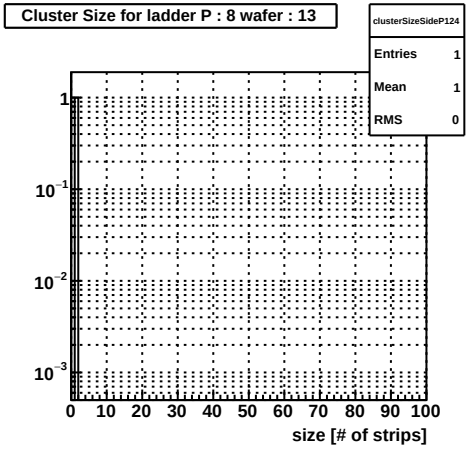

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 1229
Mean 1.213
RMS 0.5763
size [# of strips]

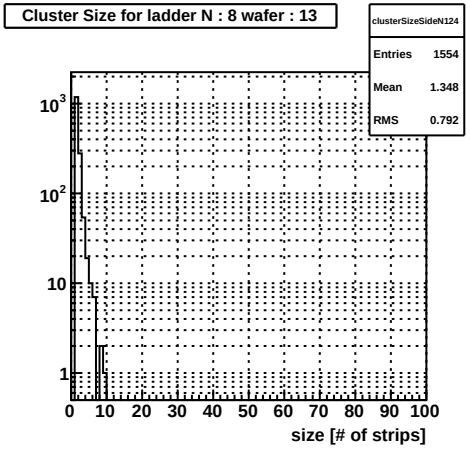

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 1347
Mean 1.505
RMS 0.9299
size [# of strips]

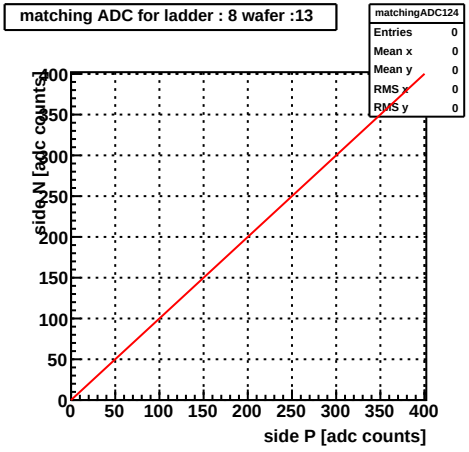

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 513
Mean x 78.74
Mean y 82.37
RMS x 67.63
RMS y 65
side N [adc counts]
side P [adc counts]

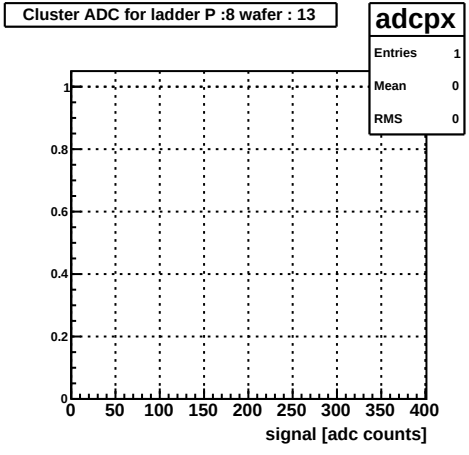

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 1229
Mean 49.56
RMS 54.7
signal [adc counts]

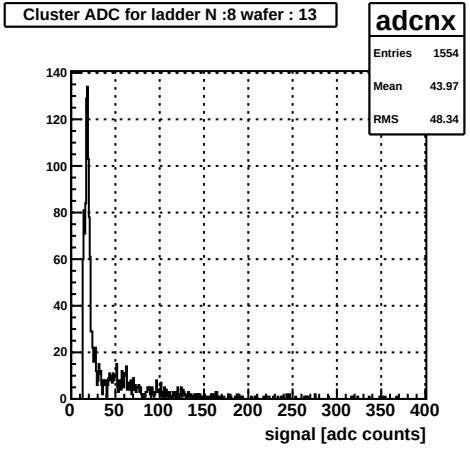

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 1347
Mean 52.19
RMS 59.59
signal [adc counts]

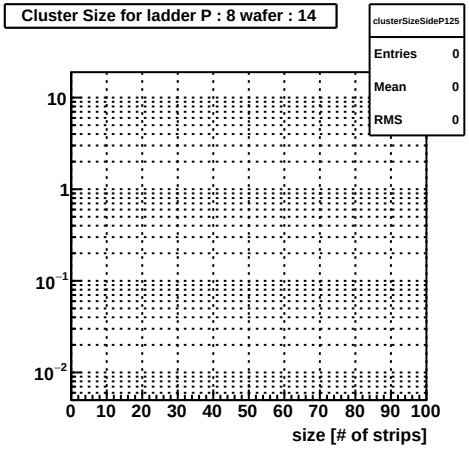

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 1
Mean 1
RMS 0
size [# of strips]

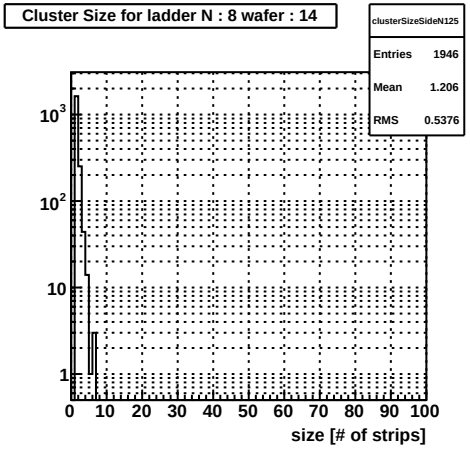

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 1554
Mean 1.348
RMS 0.792
size [# of strips]

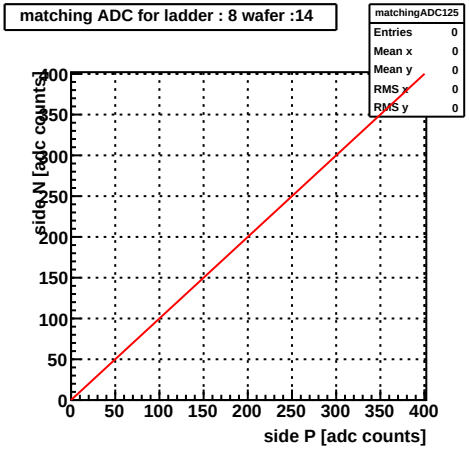

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

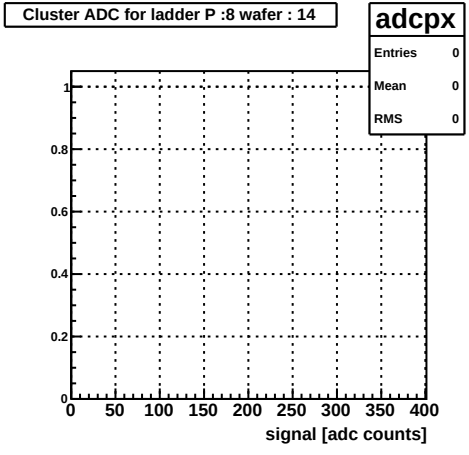

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

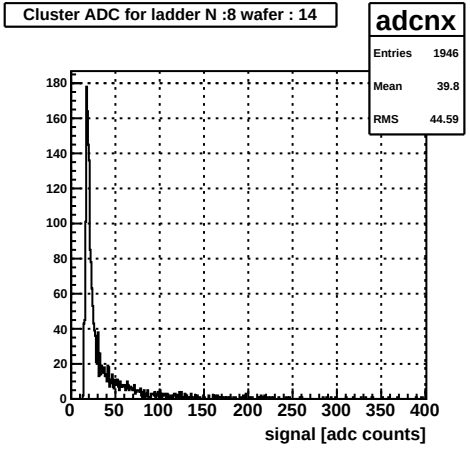

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 1554
Mean 43.97
RMS 48.34
signal [adc counts]

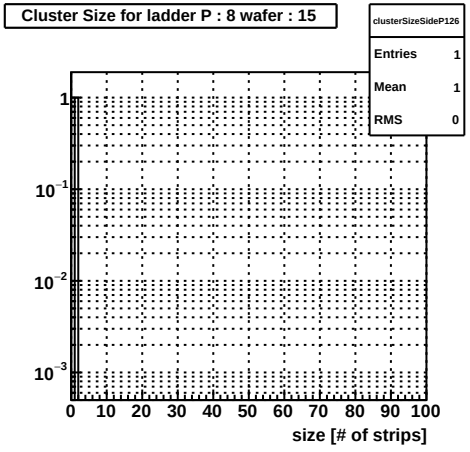

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

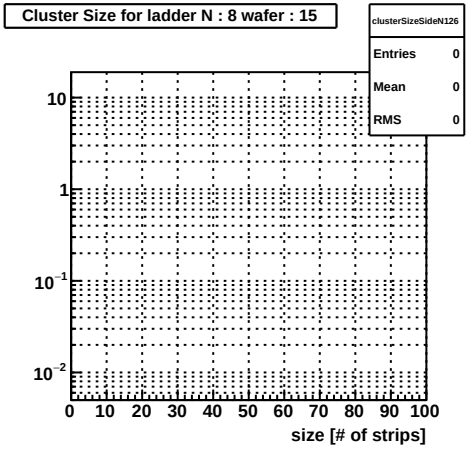

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 1946
Mean 1.206
RMS 0.5376
size [# of strips]

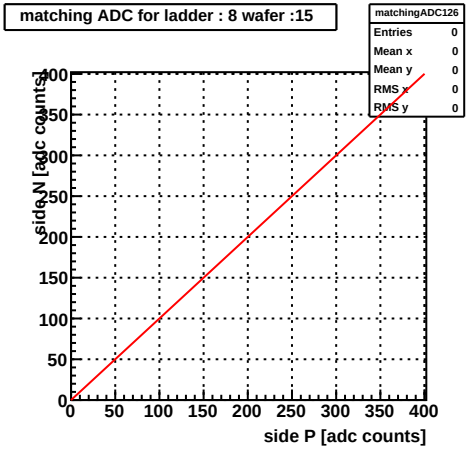

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

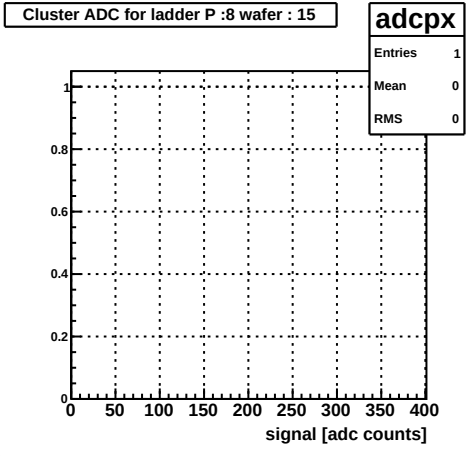

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

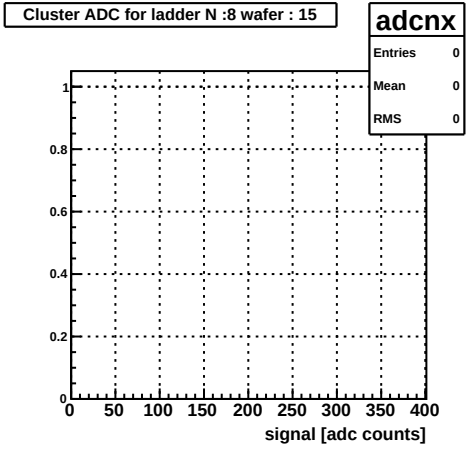

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 1946
Mean 39.8
RMS 44.59
signal [adc counts]

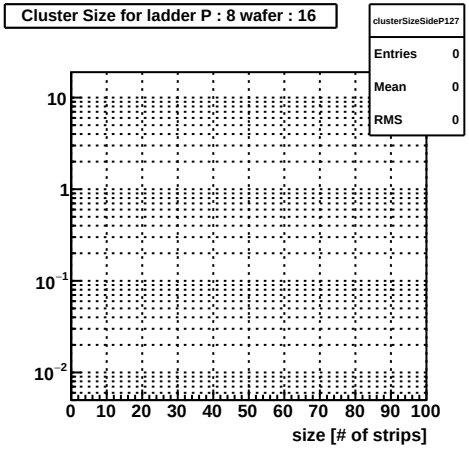

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 1
Mean 1
RMS 0
size [# of strips]

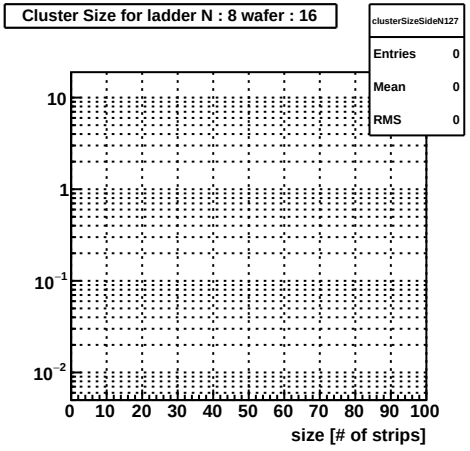

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

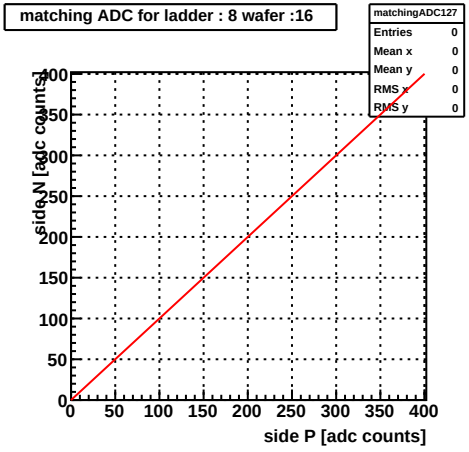

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

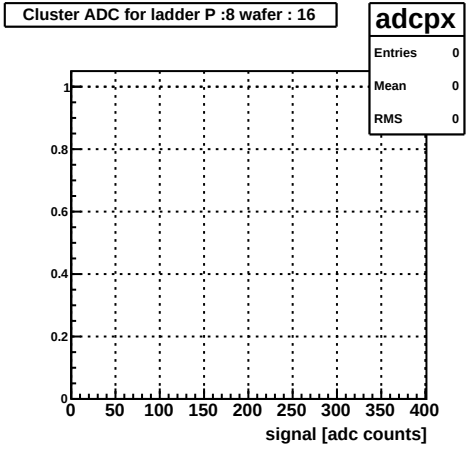

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

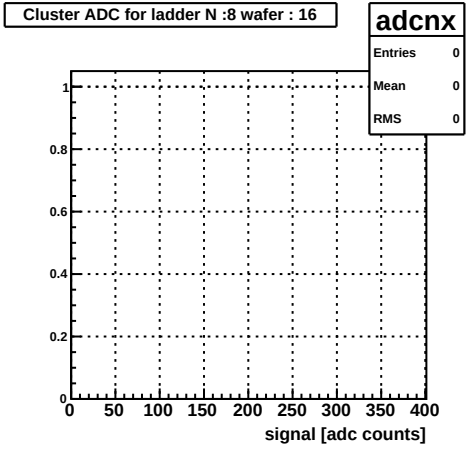

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

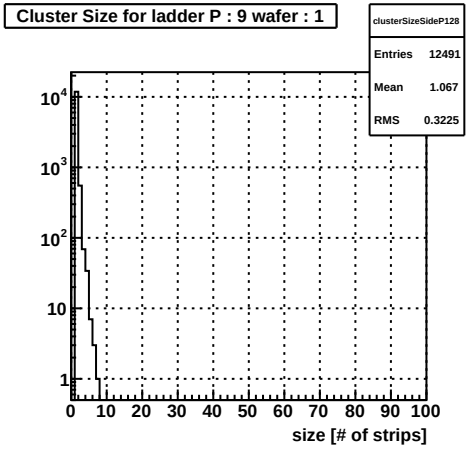

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

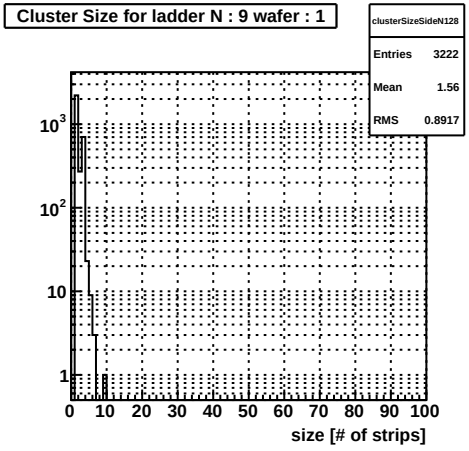

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

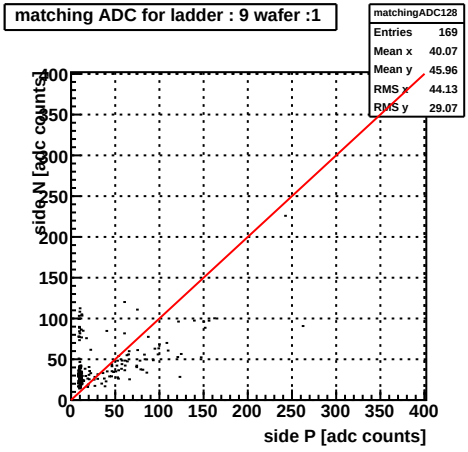

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

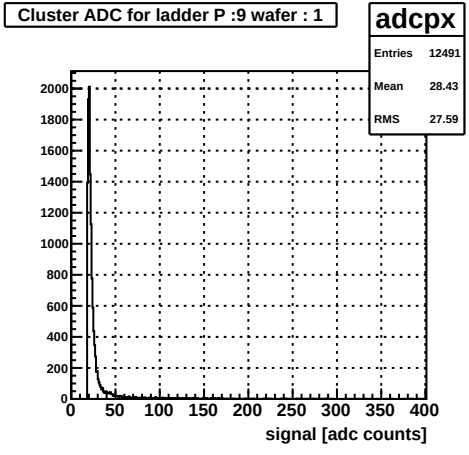

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

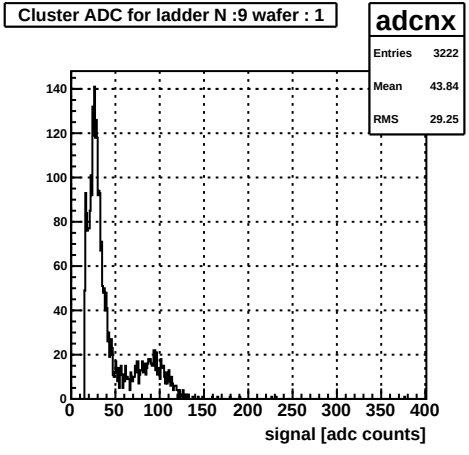

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

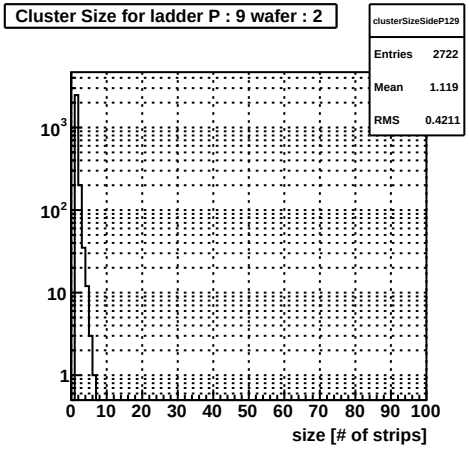

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 12491
Mean 1.067
RMS 0.3225
size [# of strips]

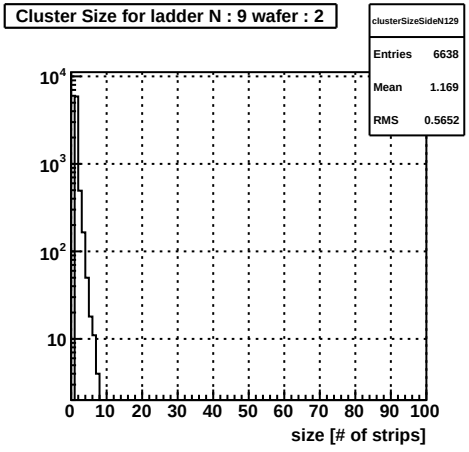

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 3222
Mean 1.56
RMS 0.8917
size [# of strips]

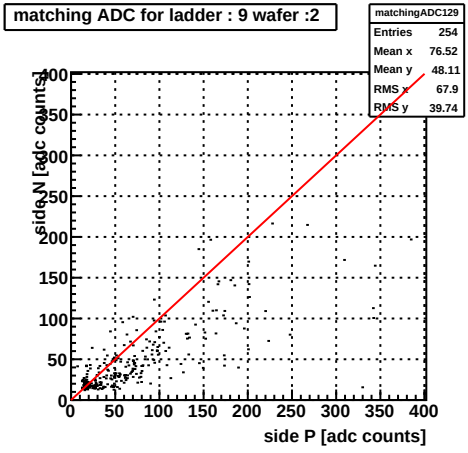

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 169
Mean x 40.07
Mean y 45.96
RMS x 44.13
RMS y 29.07
side N [adc counts]
side P [adc counts]

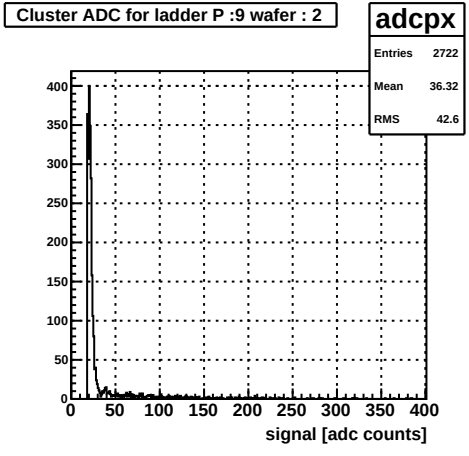

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 12491
Mean 28.43
RMS 27.59
signal [adc counts]

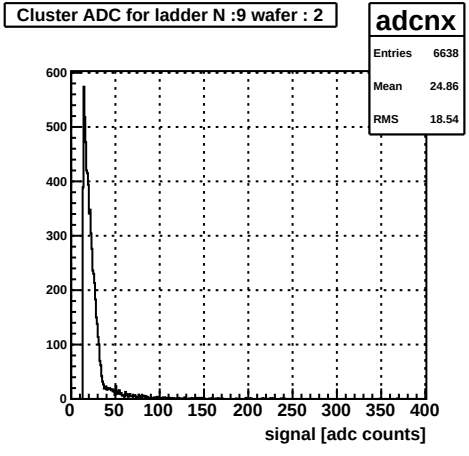

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 3222
Mean 43.84
RMS 29.25
signal [adc counts]

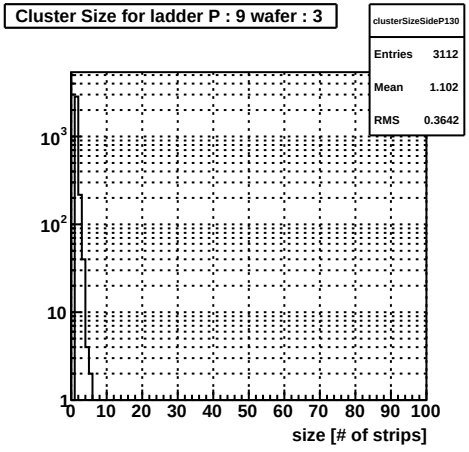

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2722
Mean 1.119
RMS 0.4211
size [# of strips]

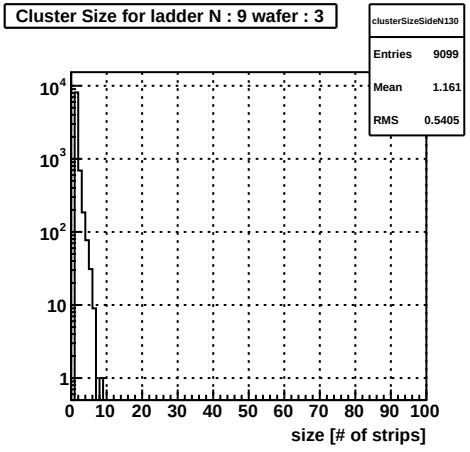

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 6638
Mean 1.169
RMS 0.5652
size [# of strips]

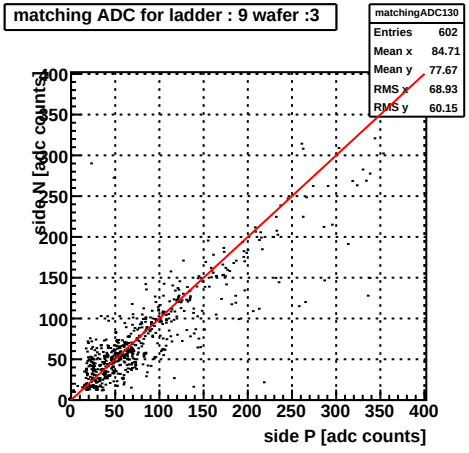

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 254
Mean x 76.52
Mean y 48.11
RMS x 67.9
RMS y 39.74
side N [adc counts]
side P [adc counts]

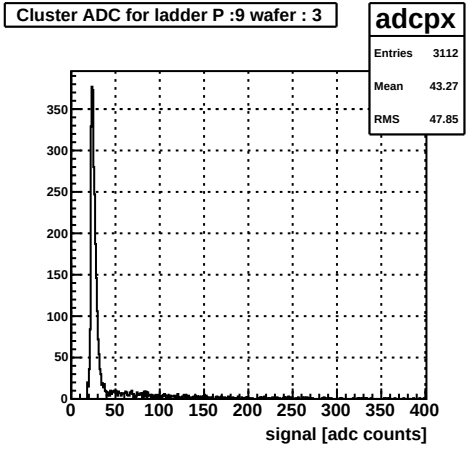

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2722
Mean 36.32
RMS 42.6
signal [adc counts]

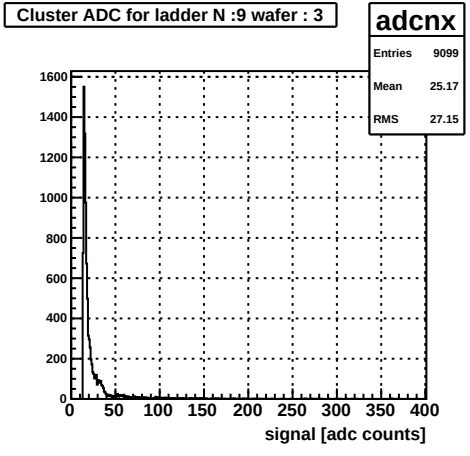

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 6638
Mean 24.86
RMS 18.54
signal [adc counts]

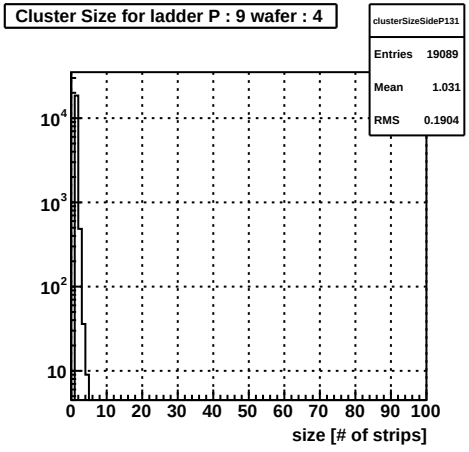

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 3112
Mean 1.102
RMS 0.3642
size [# of strips]

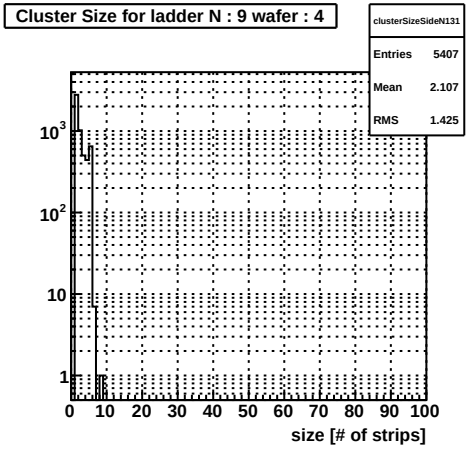

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 9099
Mean 1.161
RMS 0.5405
size [# of strips]

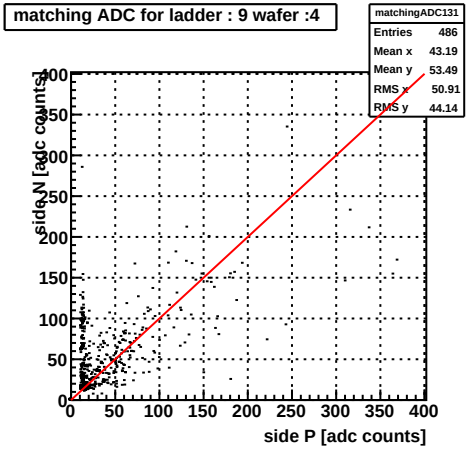

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 602
Mean x 84.71
Mean y 77.67
RMS x 68.93
RMS y 60.15
side N [adc counts]
side P [adc counts]

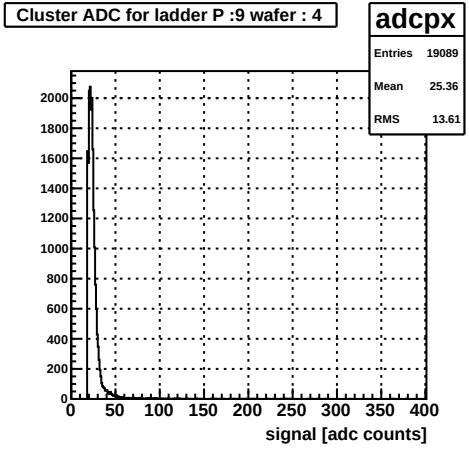

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 3112
Mean 43.27
RMS 47.85
signal [adc counts]

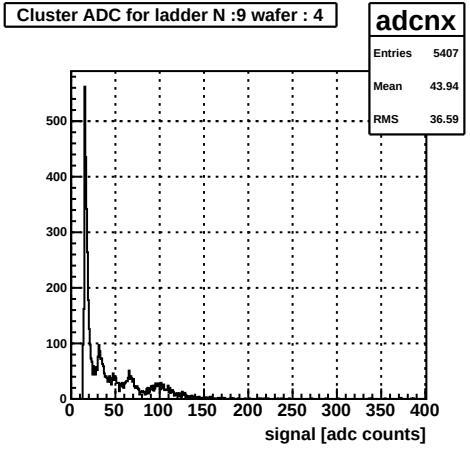

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 9099
Mean 25.17
RMS 27.15
signal [adc counts]

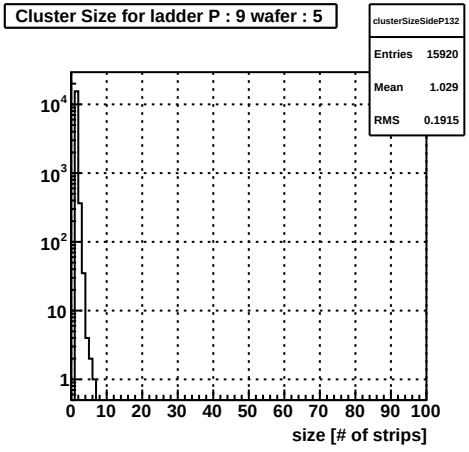

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 19089
Mean 1.031
RMS 0.1904
size [# of strips]

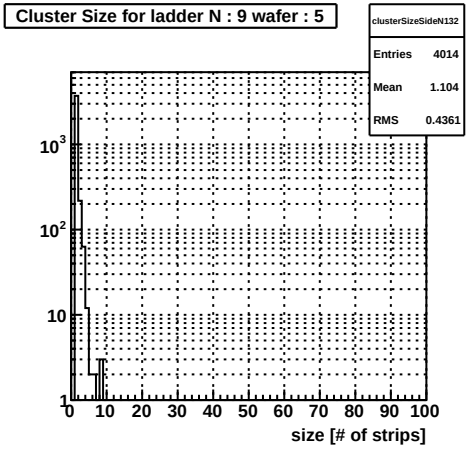

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5407
Mean 2.107
RMS 1.425
size [# of strips]

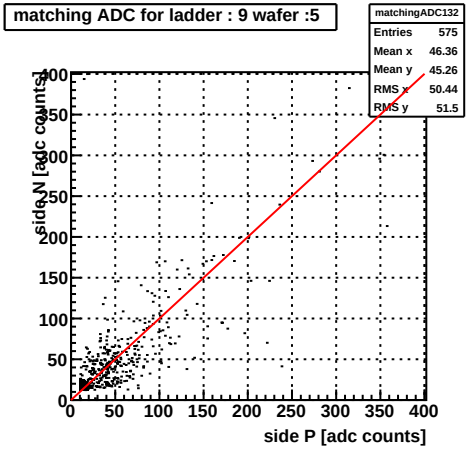

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 486
Mean x 43.19
Mean y 53.49
RMS x 50.91
RMS y 44.14
side N [adc counts]
side P [adc counts]

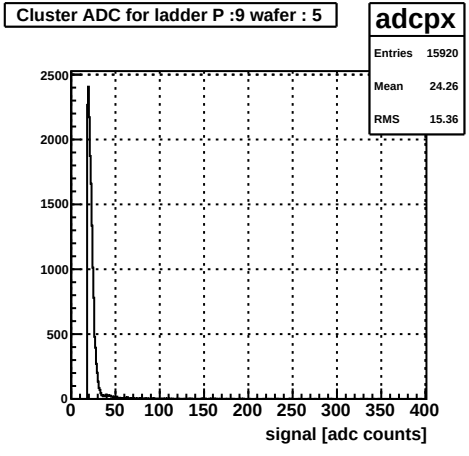

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 19089
Mean 25.36
RMS 13.61
signal [adc counts]

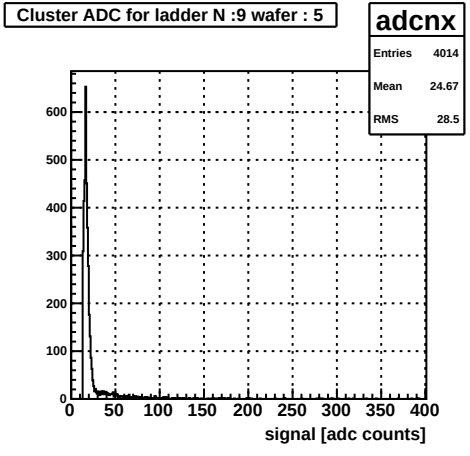

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5407
Mean 43.94
RMS 36.59
signal [adc counts]

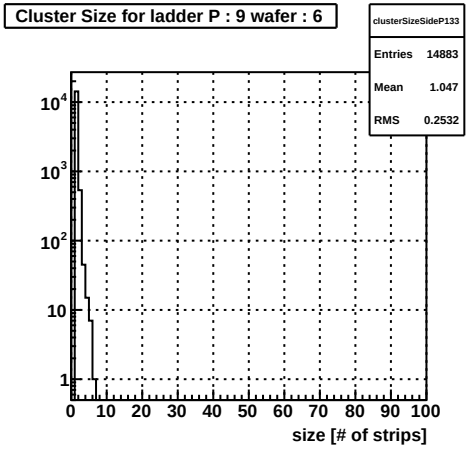

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 15920
Mean 1.029
RMS 0.1915
size [# of strips]

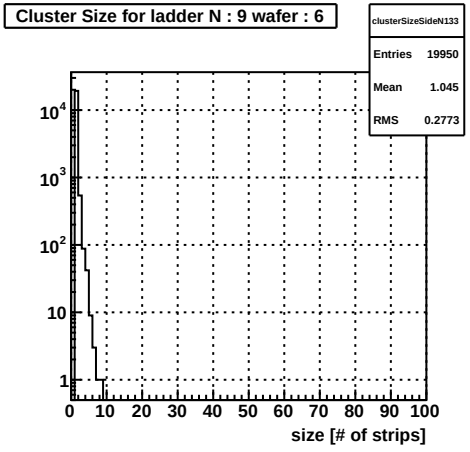

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 4014
Mean 1.104
RMS 0.4361
size [# of strips]

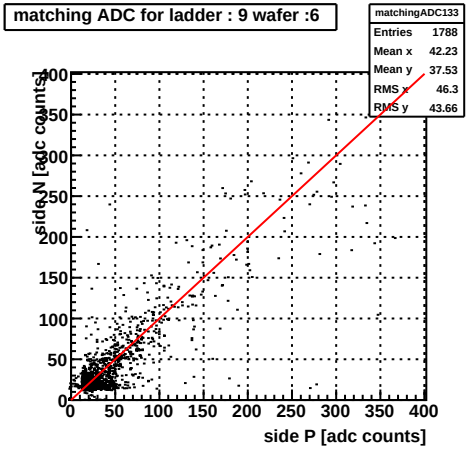

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 575
Mean x 46.36
Mean y 45.26
RMS x 50.44
RMS y 51.5
side N [adc counts]
side P [adc counts]

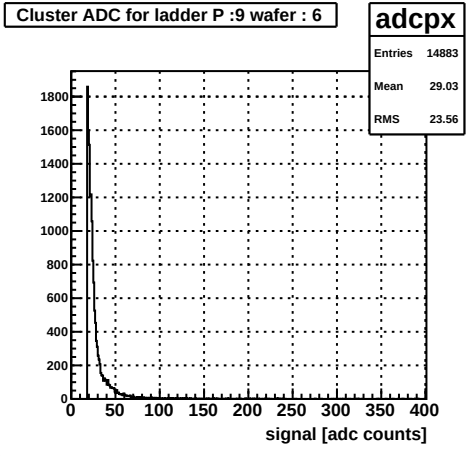

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 15920
Mean 24.26
RMS 15.36
signal [adc counts]

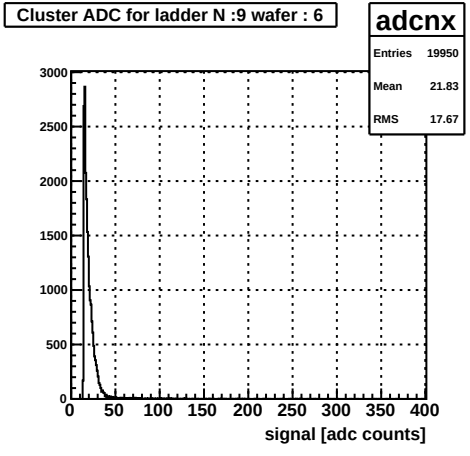

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 4014
Mean 24.67
RMS 28.5
signal [adc counts]

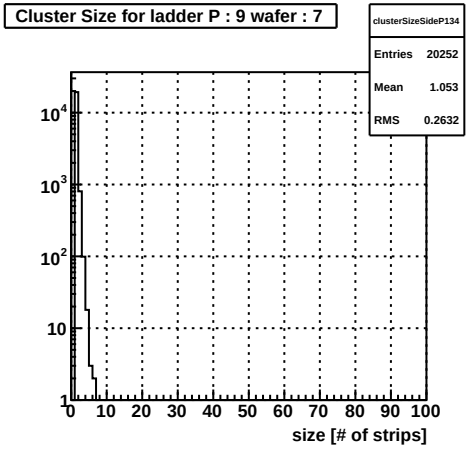

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 14883
Mean 1.047
RMS 0.2532
size [# of strips]

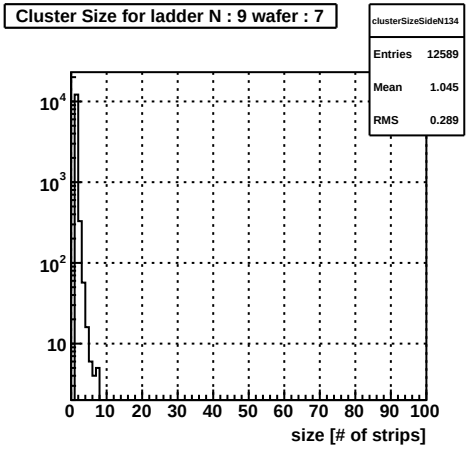

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 19950
Mean 1.045
RMS 0.2773
size [# of strips]

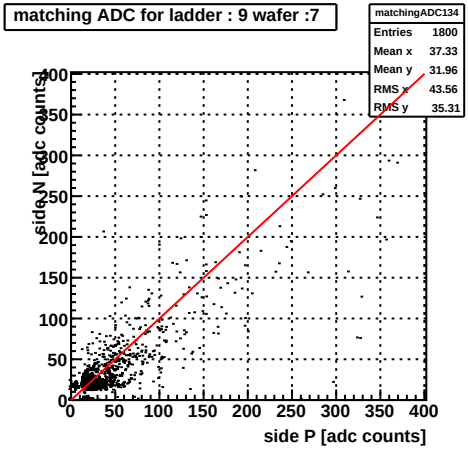

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 1788
Mean x 42.23
Mean y 37.53
RMS x 46.3
RMS y 43.66
side N [adc counts]
side P [adc counts]

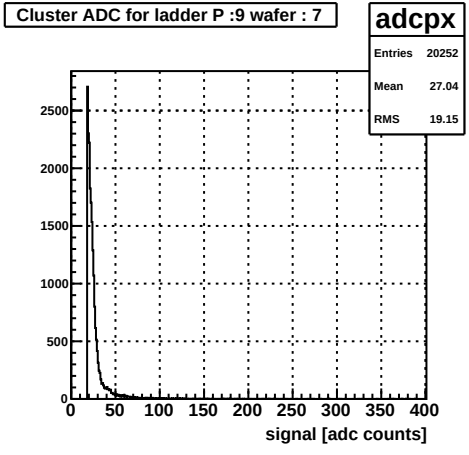

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 14883
Mean 29.03
RMS 23.56
signal [adc counts]

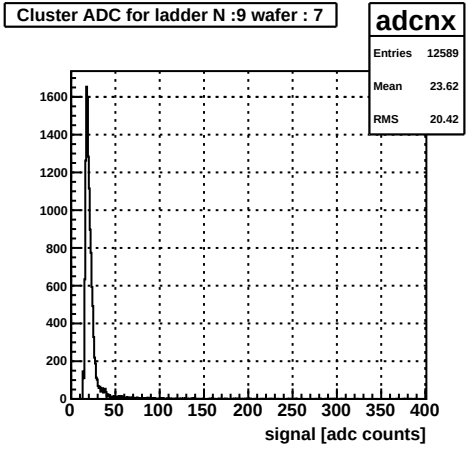

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 19950
Mean 21.83
RMS 17.67
signal [adc counts]

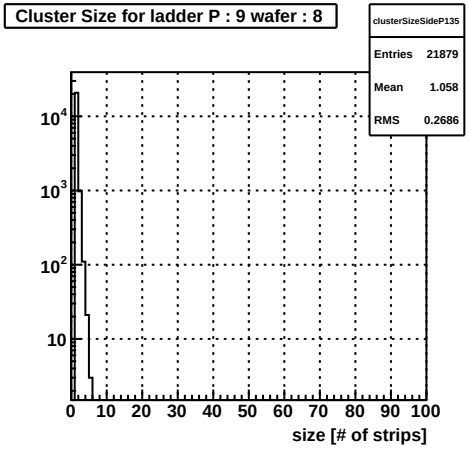

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 20252
Mean 1.053
RMS 0.2632
size [# of strips]

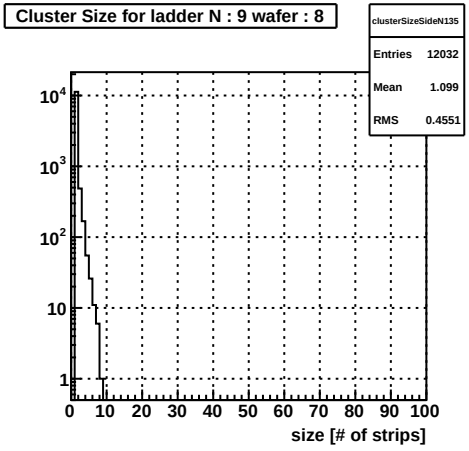

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 12589
Mean 1.045
RMS 0.289
size [# of strips]

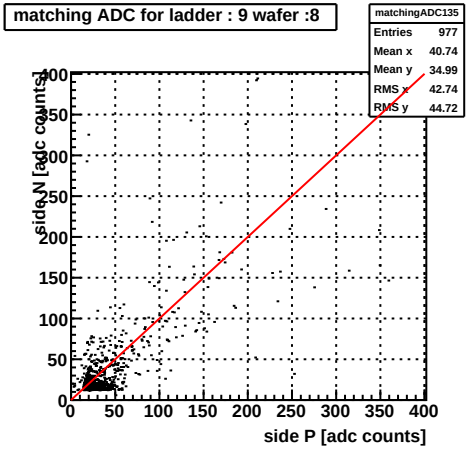

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1800
Mean x 37.33
Mean y 31.96
RMS x 43.56
RMS y 35.31
side N [adc counts]
side P [adc counts]

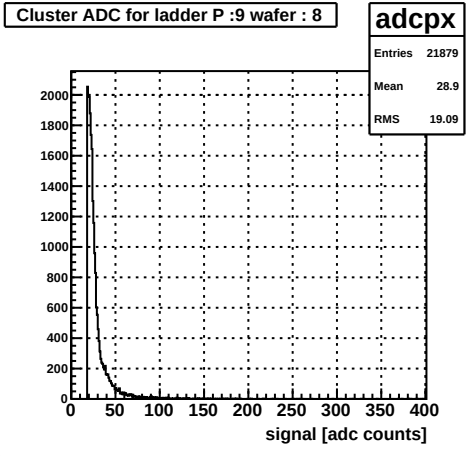

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 20252
Mean 27.04
RMS 19.15
signal [adc counts]

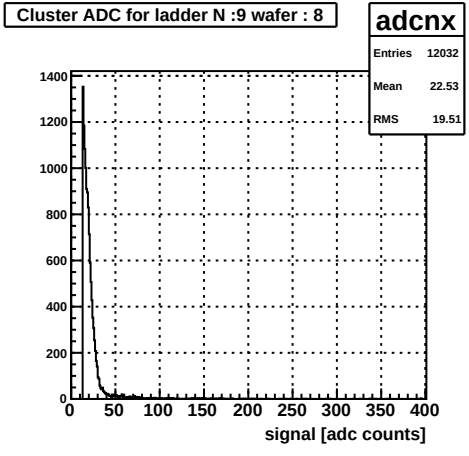

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 12589
Mean 23.62
RMS 20.42
signal [adc counts]

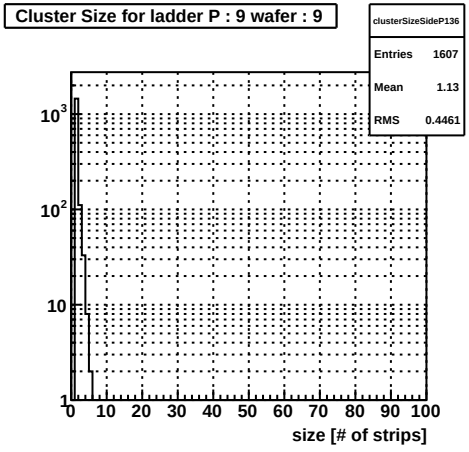

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 21879
Mean 1.058
RMS 0.2686
size [# of strips]

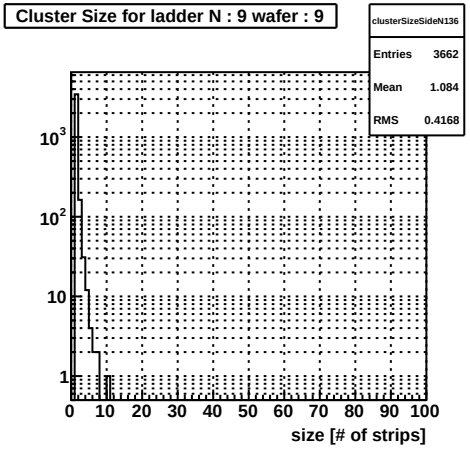

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 12032
Mean 1.099
RMS 0.4551
size [# of strips]

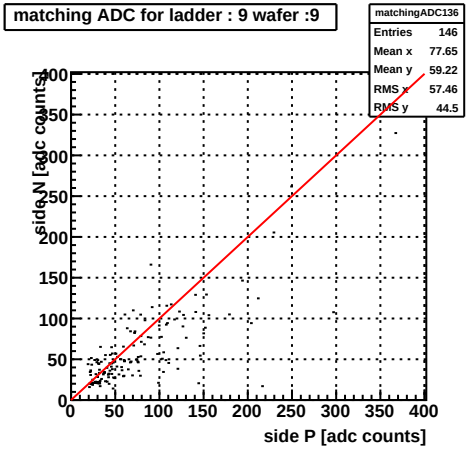

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 977
Mean x 40.74
Mean y 34.99
RMS x 42.74
RMS y 44.72
side N [adc counts]
side P [adc counts]

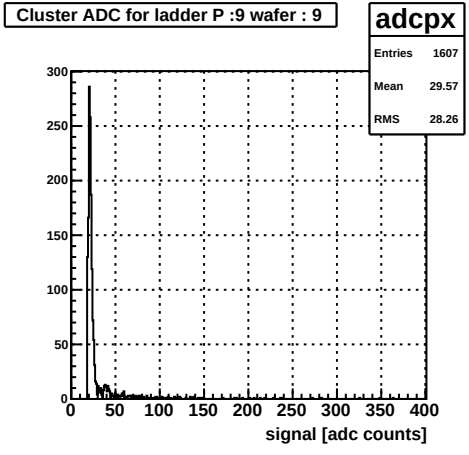

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 21879
Mean 28.9
RMS 19.09
signal [adc counts]

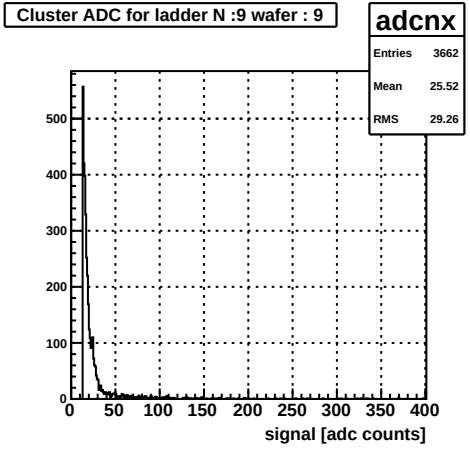

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 12032
Mean 22.53
RMS 19.51
signal [adc counts]

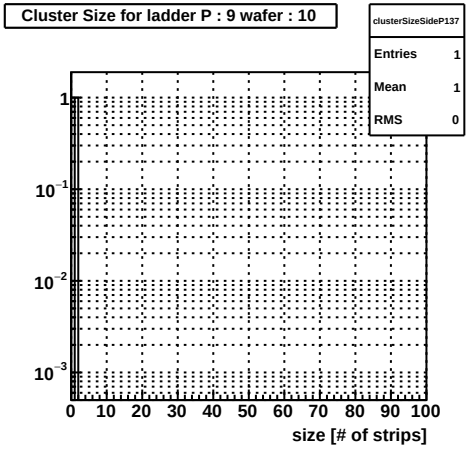

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 1607
Mean 1.13
RMS 0.4461
size [# of strips]

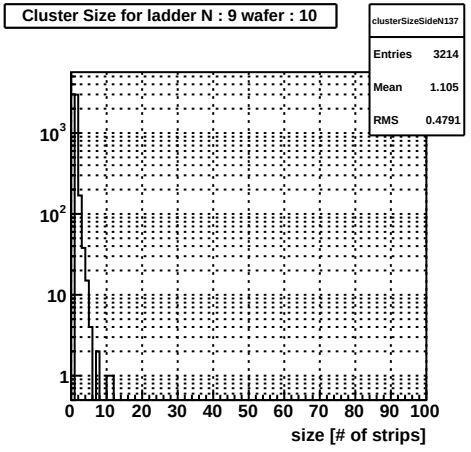

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 3662
Mean 1.084
RMS 0.4168
size [# of strips]

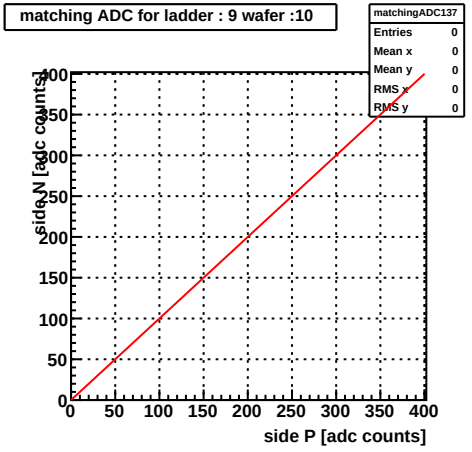

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 146
Mean x 77.65
Mean y 59.22
RMS x 57.46
RMS y 44.5
side N [adc counts]
side P [adc counts]

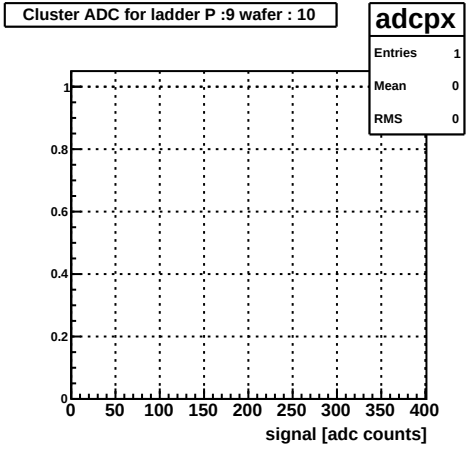

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 1607
Mean 29.57
RMS 28.26
signal [adc counts]

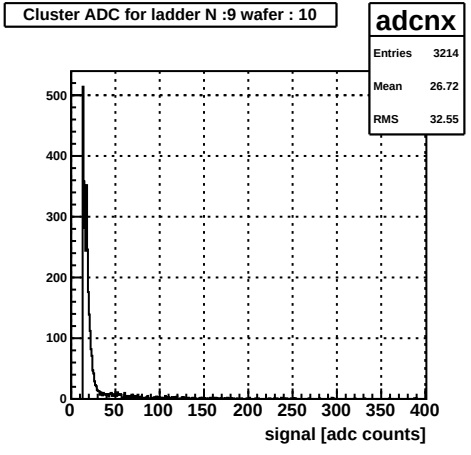

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 3662
Mean 25.52
RMS 29.26
signal [adc counts]

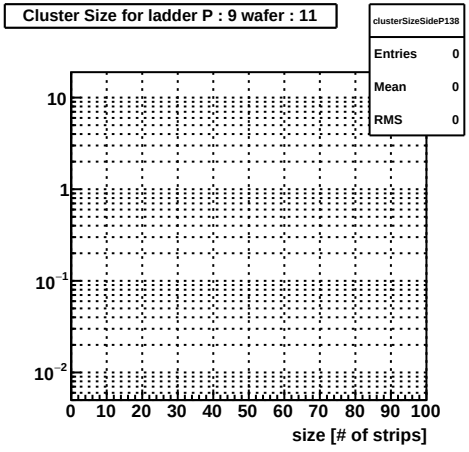

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 1
Mean 1
RMS 0
size [# of strips]

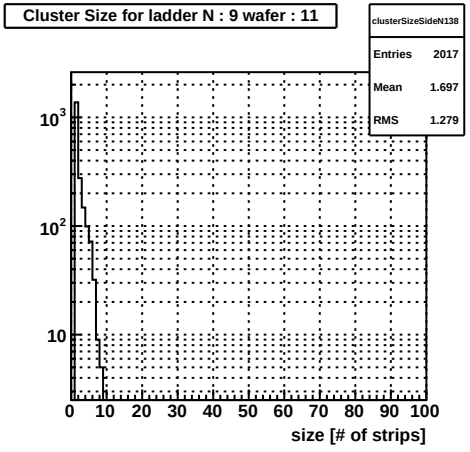

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 3214
Mean 1.105
RMS 0.4791
size [# of strips]

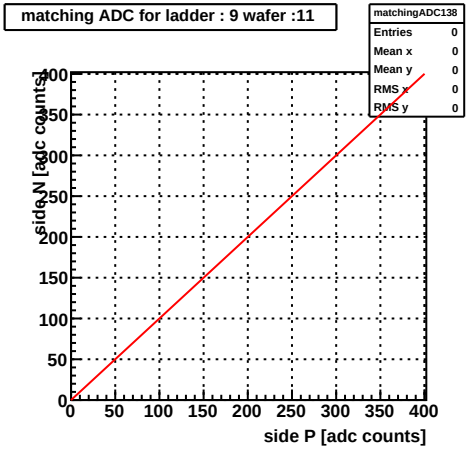

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

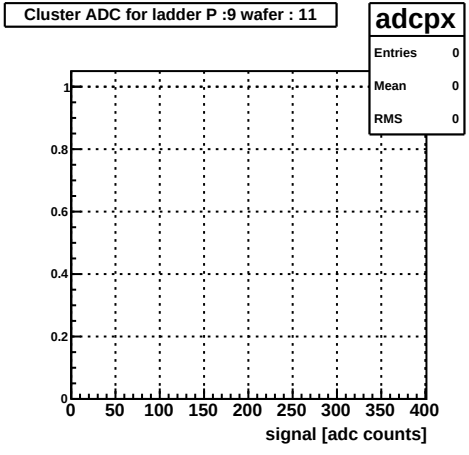

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

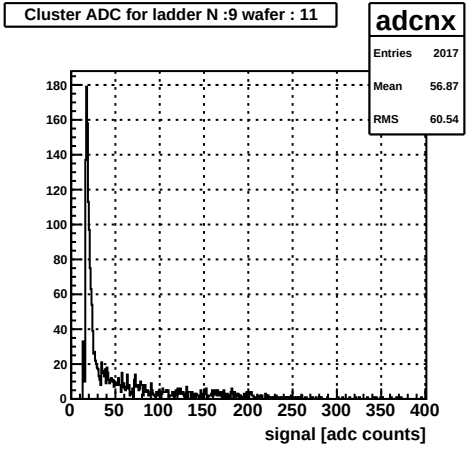

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 3214
Mean 26.72
RMS 32.55
signal [adc counts]

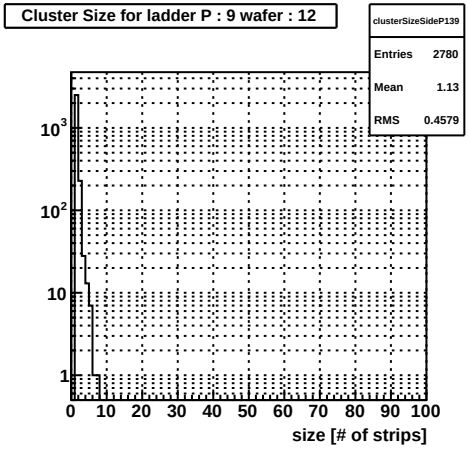

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

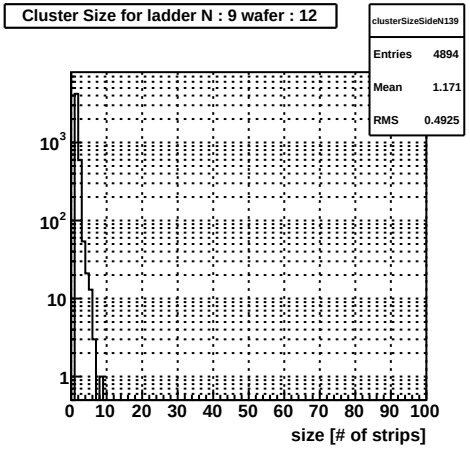

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2017
Mean 1.697
RMS 1.279
size [# of strips]

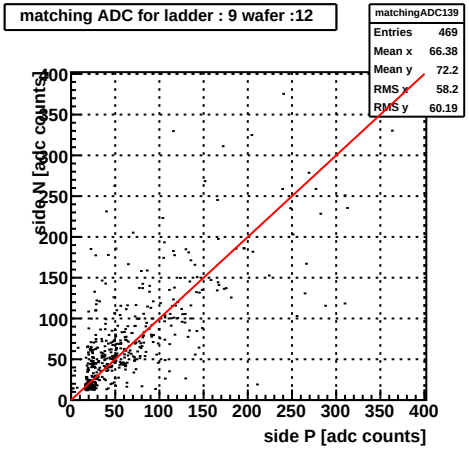

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

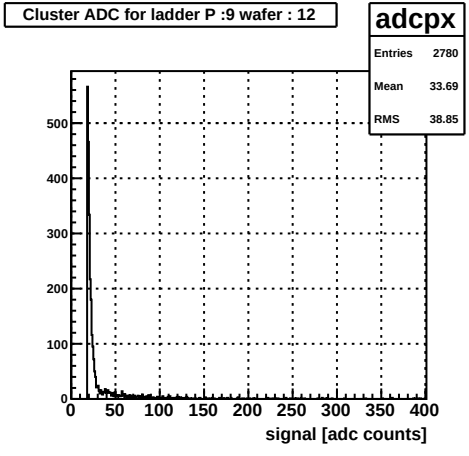

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

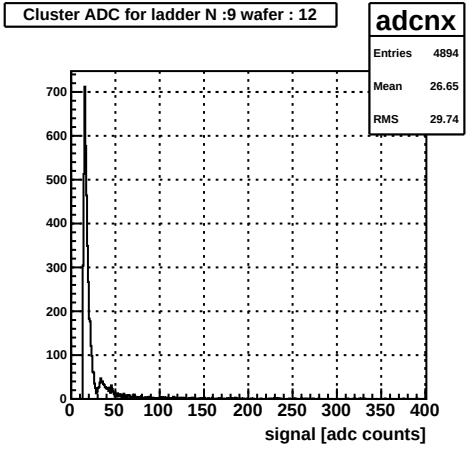

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2017
Mean 56.87
RMS 60.54
signal [adc counts]

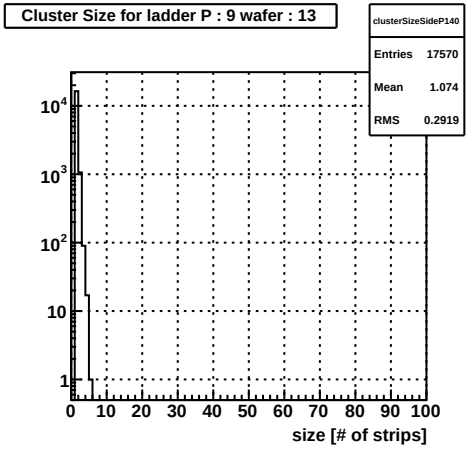

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 2780
Mean 1.13
RMS 0.4579
size [# of strips]

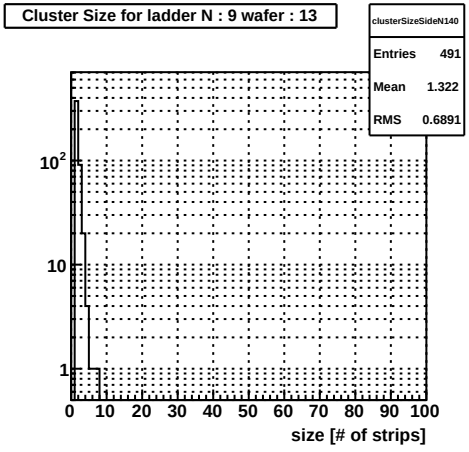

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 4894
Mean 1.171
RMS 0.4925
size [# of strips]

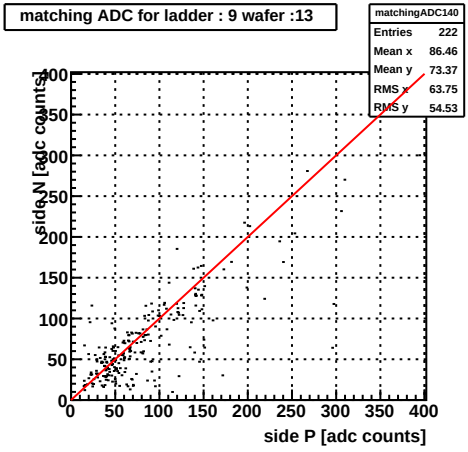

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 469
Mean x 66.38
Mean y 72.2
RMS x 58.2
RMS y 60.19
side N [adc counts]
side P [adc counts]

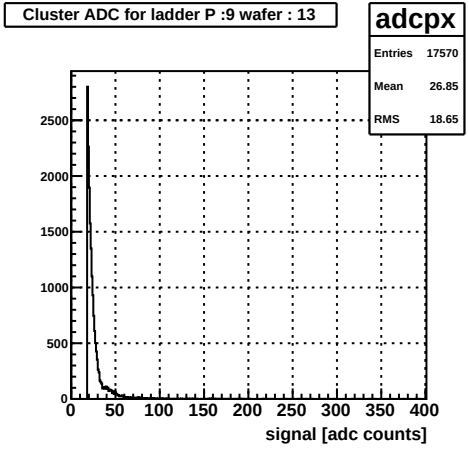

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 2780
Mean 33.69
RMS 38.85
signal [adc counts]

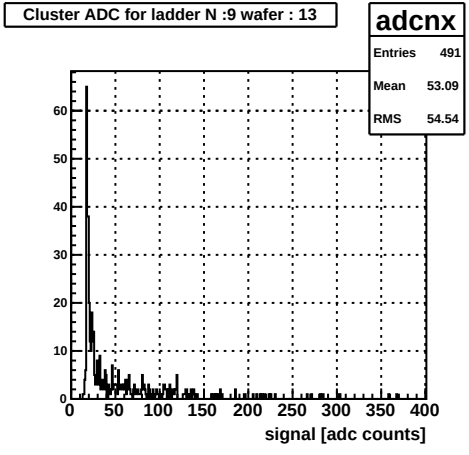

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 4894
Mean 26.65
RMS 29.74
signal [adc counts]

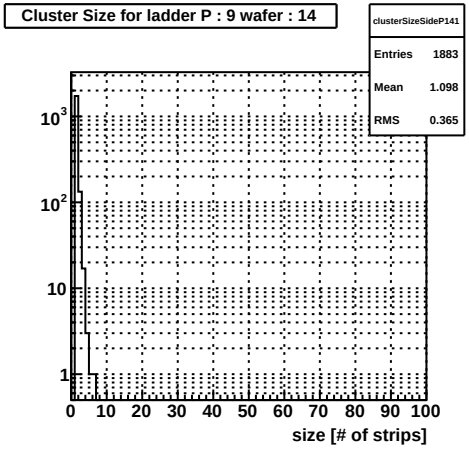

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 17570
Mean 1.074
RMS 0.2919
size [# of strips]

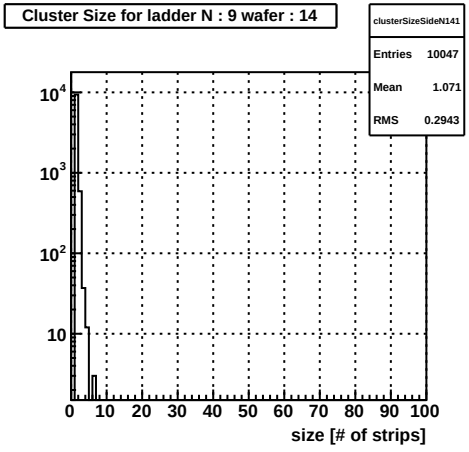

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 491
Mean 1.322
RMS 0.6891
size [# of strips]

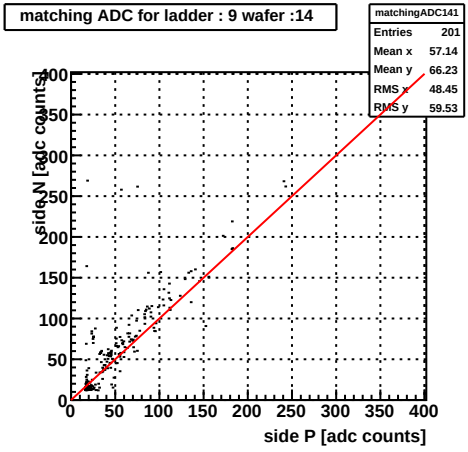

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 222
Mean x 86.46
Mean y 73.37
RMS x 63.75
RMS y 54.53
side N [adc counts]
side P [adc counts]

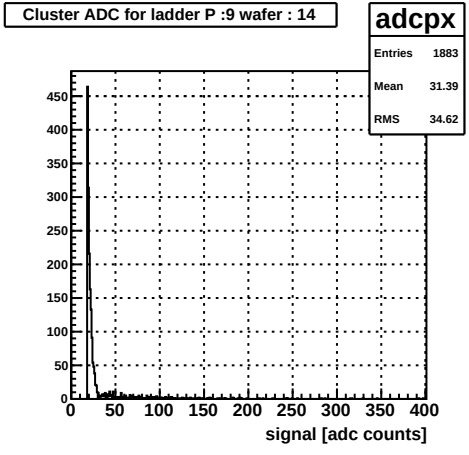

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 17570
Mean 26.85
RMS 18.65
signal [adc counts]

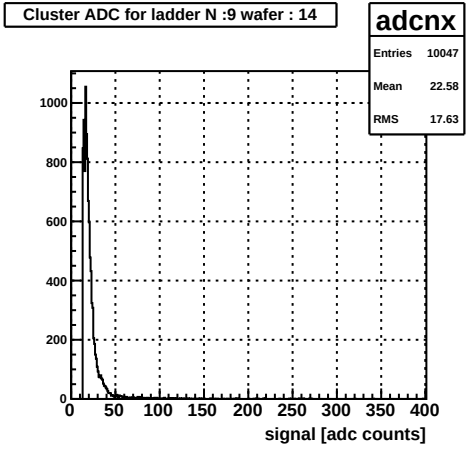

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 491
Mean 53.09
RMS 54.54
signal [adc counts]

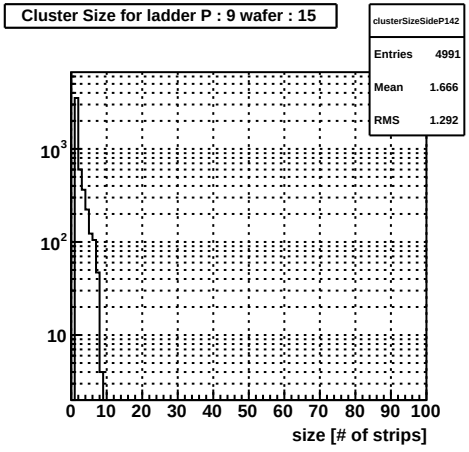

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1883
Mean 1.098
RMS 0.365
size [# of strips]

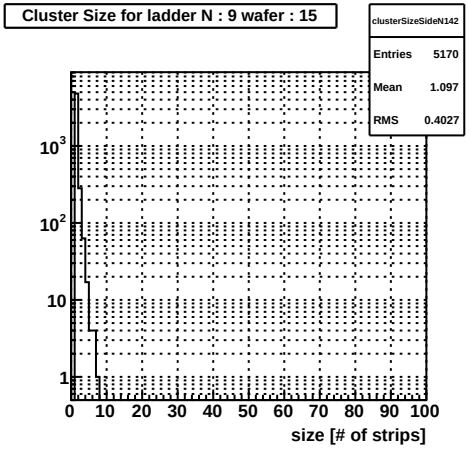

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 10047
Mean 1.071
RMS 0.2943
size [# of strips]

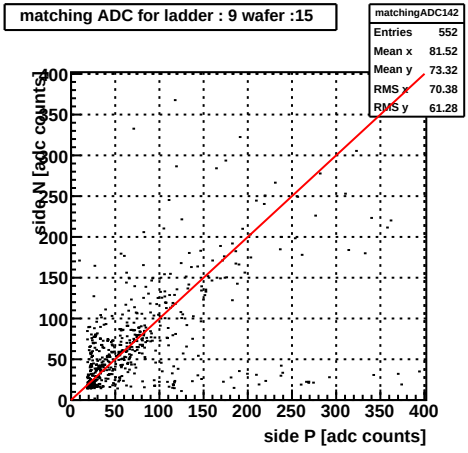

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 201
Mean x 57.14
Mean y 66.23
RMS x 48.45
RMS y 59.53
side N [adc counts]
side P [adc counts]

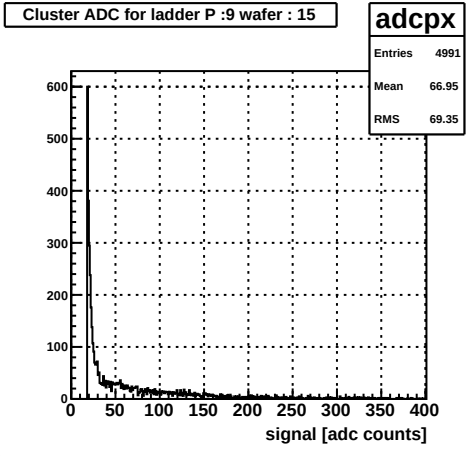

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1883
Mean 31.39
RMS 34.62
signal [adc counts]

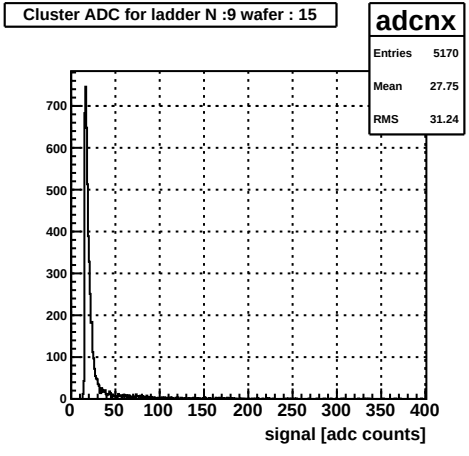

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 10047
Mean 22.58
RMS 17.63
signal [adc counts]

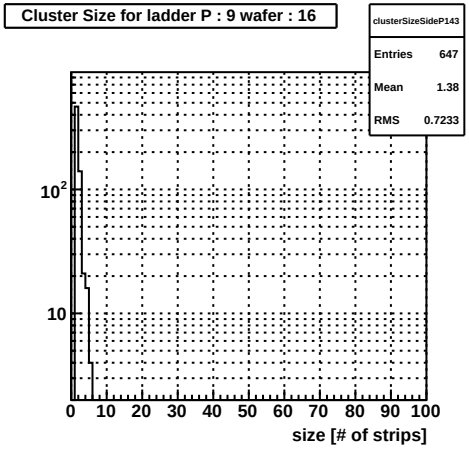

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 4991
Mean 1.666
RMS 1.292
size [# of strips]

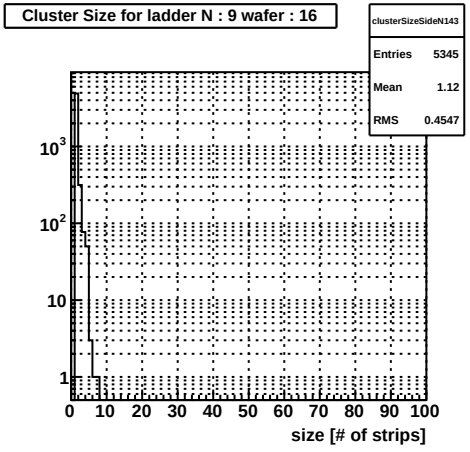

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 5170
Mean 1.097
RMS 0.4027
size [# of strips]

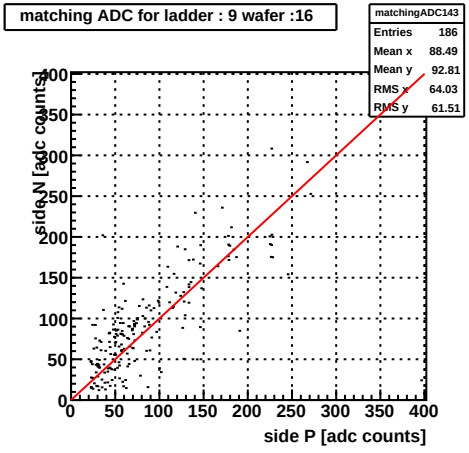

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 552
Mean x 81.52
Mean y 73.32
RMS x 70.38
RMS y 61.28
side N [adc counts]
side P [adc counts]

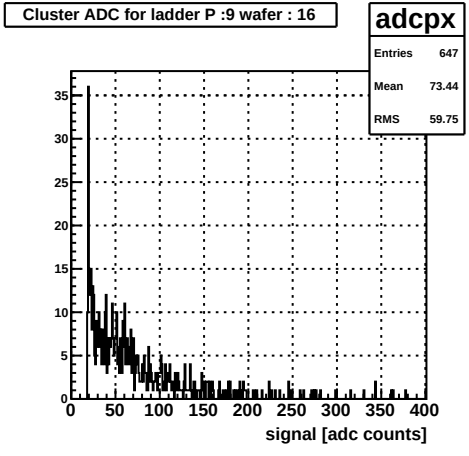

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 4991
Mean 66.95
RMS 69.35
signal [adc counts]

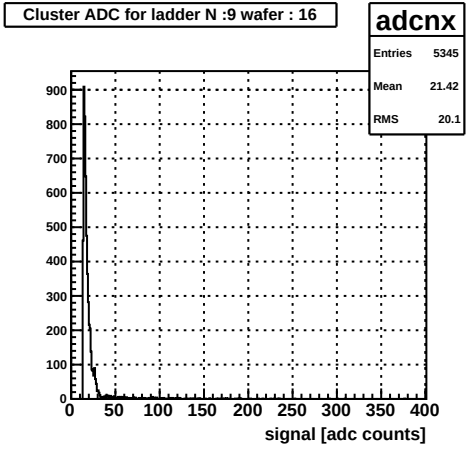

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 5170
Mean 27.75
RMS 31.24
signal [adc counts]

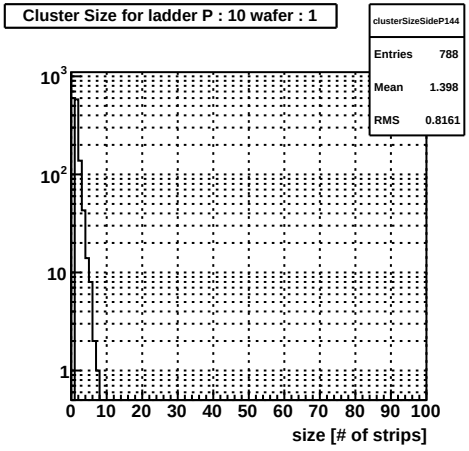

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 647
Mean 1.38
RMS 0.7233
size [# of strips]

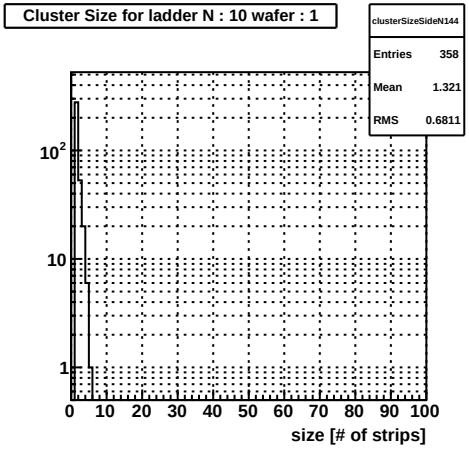

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 5345
Mean 1.12
RMS 0.4547
size [# of strips]

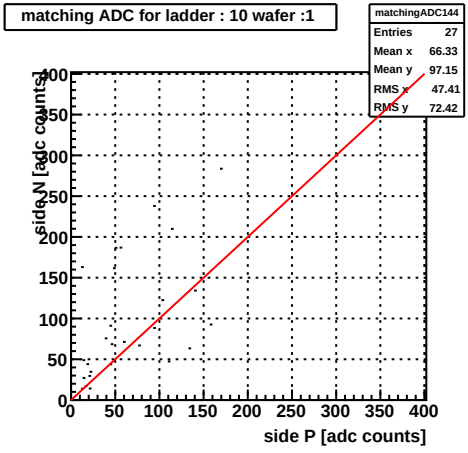

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 186
Mean x 88.49
Mean y 92.81
RMS x 64.03
RMS y 61.51
side N [adc counts]
side P [adc counts]

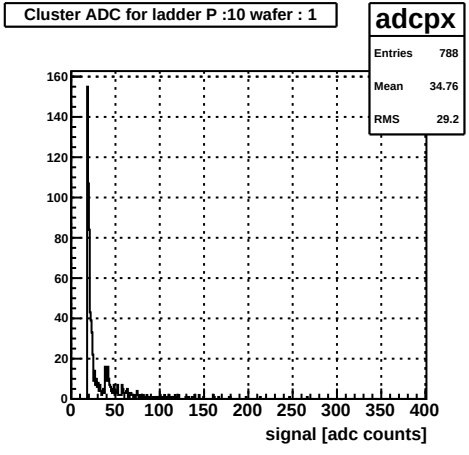

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 647
Mean 73.44
RMS 59.75
signal [adc counts]

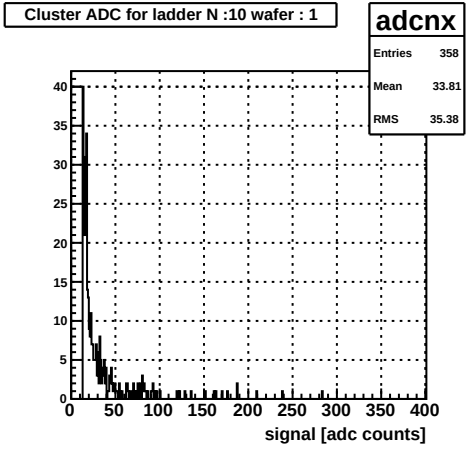

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 5345
Mean 21.42
RMS 20.1
signal [adc counts]

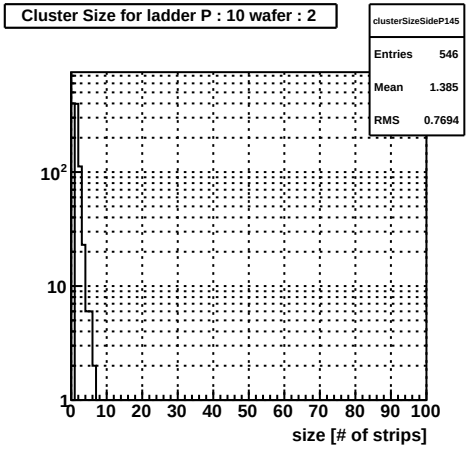

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 788
Mean 1.398
RMS 0.8161
size [# of strips]

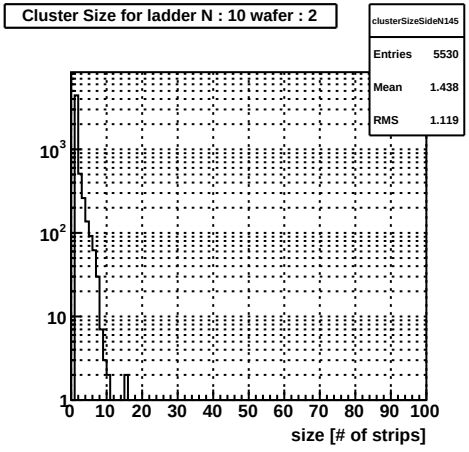

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 358
Mean 1.321
RMS 0.6811
size [# of strips]

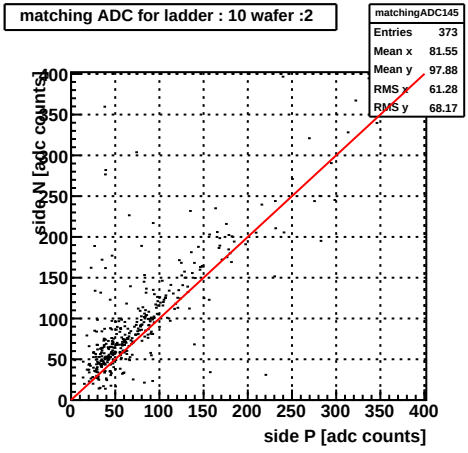

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 27
Mean x 66.33
Mean y 97.15
RMS x 47.41
RMS y 72.42
side N [adc counts]
side P [adc counts]

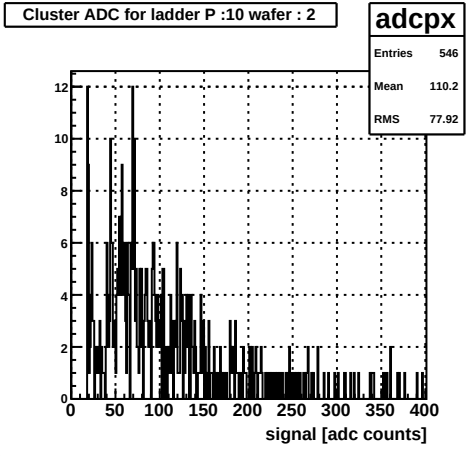

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 788
Mean 34.76
RMS 29.2
signal [adc counts]

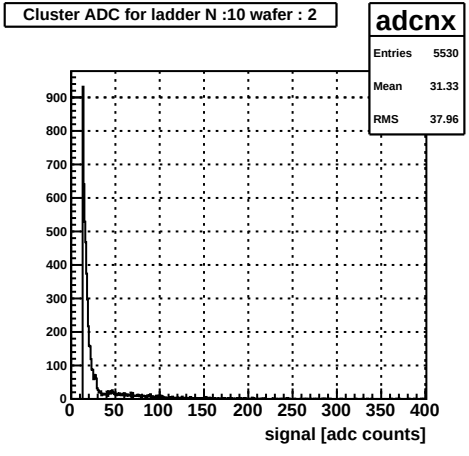

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 358
Mean 33.81
RMS 35.38
signal [adc counts]

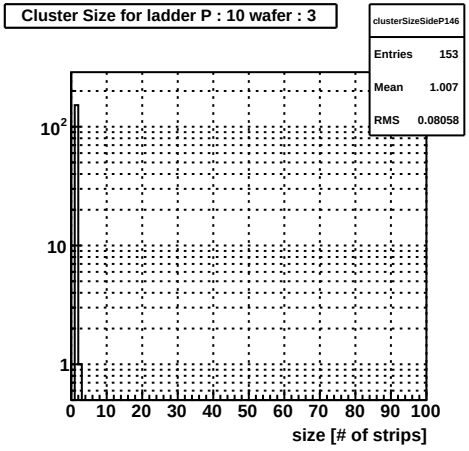

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 546
Mean 1.385
RMS 0.7694
size [# of strips]

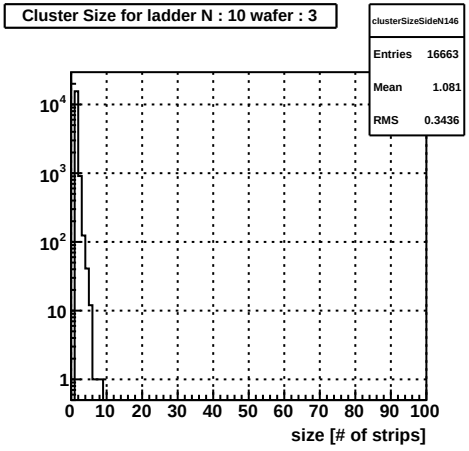

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 5530
Mean 1.438
RMS 1.119
size [# of strips]

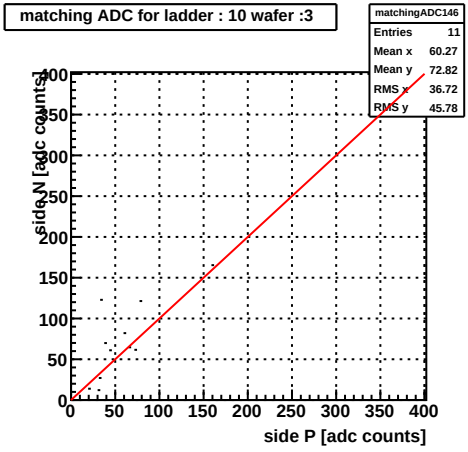

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 373
Mean x 81.55
Mean y 97.88
RMS x 61.28
RMS y 68.17
side N [adc counts]
side P [adc counts]

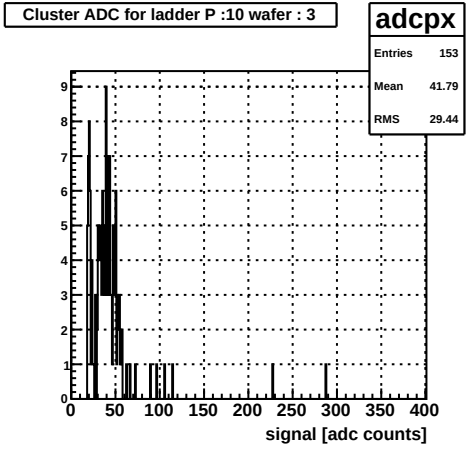

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 546
Mean 110.2
RMS 77.92
signal [adc counts]

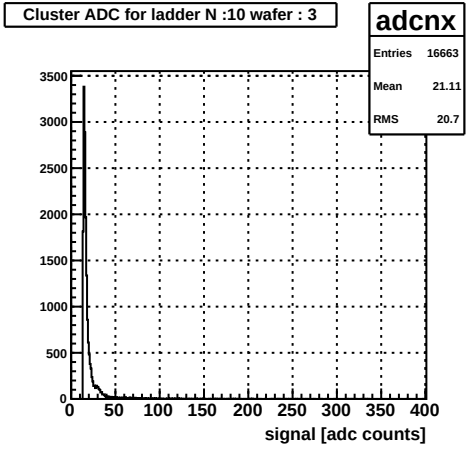

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 5530
Mean 31.33
RMS 37.96
signal [adc counts]

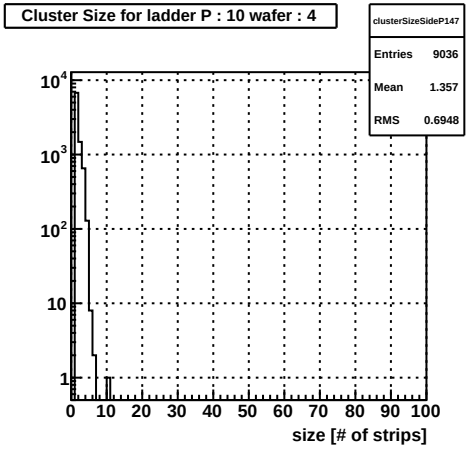

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 153
Mean 1.007
RMS 0.08058
size [# of strips]

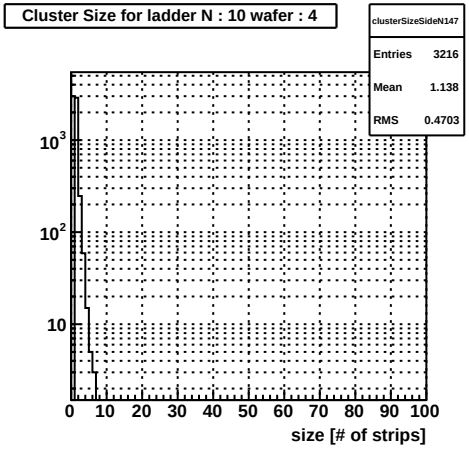

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 16663
Mean 1.081
RMS 0.3436
size [# of strips]

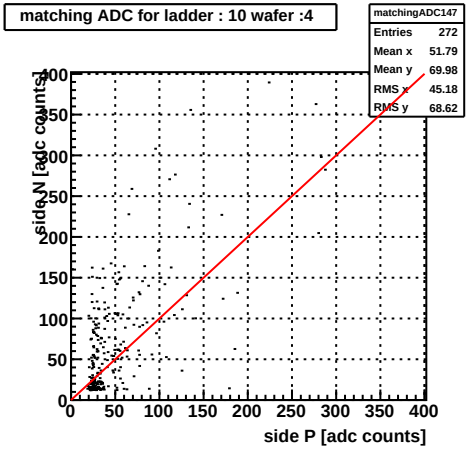

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 11
Mean x 60.27
Mean y 72.82
RMS x 36.72
RMS y 45.78
side N [adc counts]
side P [adc counts]

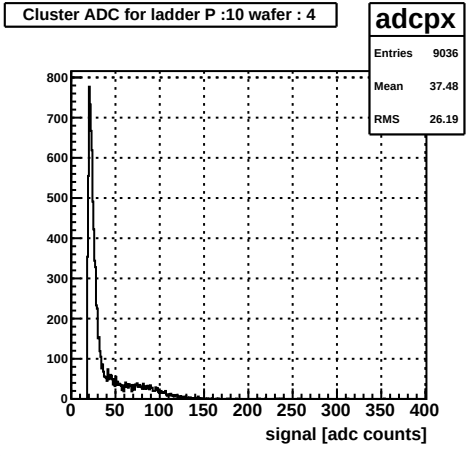

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 153
Mean 41.79
RMS 29.44
signal [adc counts]

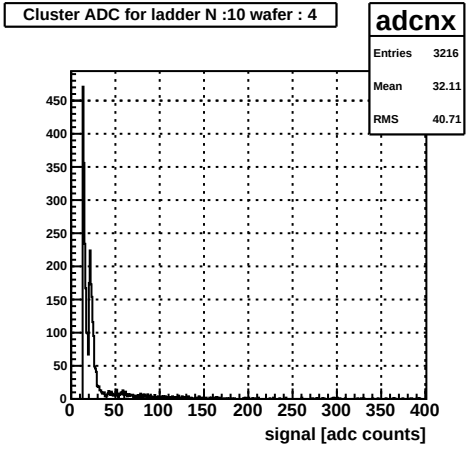

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 16663
Mean 21.11
RMS 20.7
signal [adc counts]

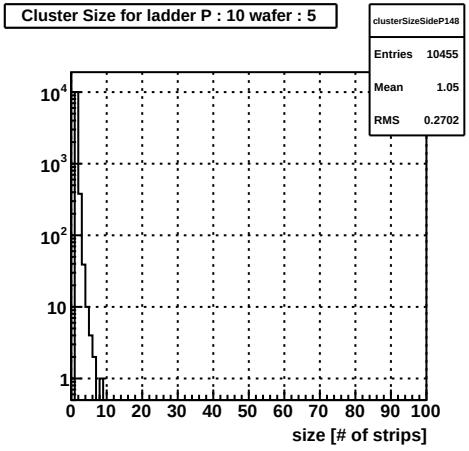

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 9036
Mean 1.357
RMS 0.6948
size [# of strips]

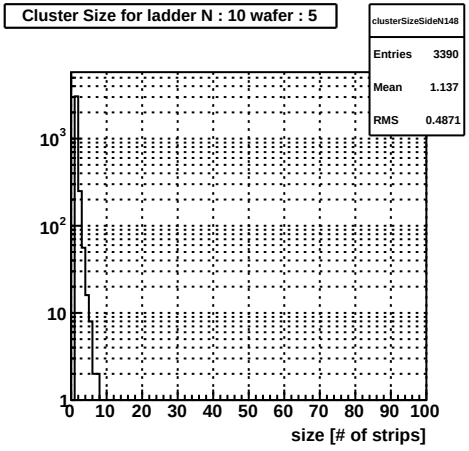

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 3216
Mean 1.138
RMS 0.4703
size [# of strips]

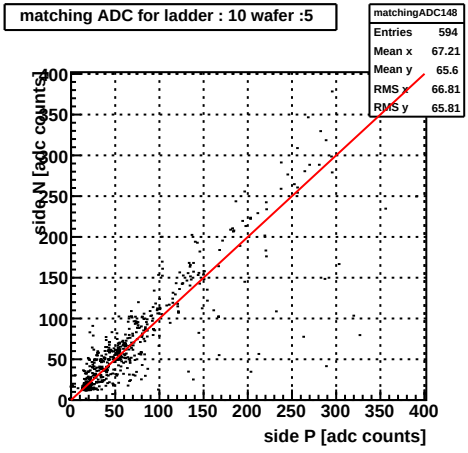

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 272
Mean x 51.79
Mean y 69.98
RMS x 45.18
RMS y 68.62
side N [adc counts]
side P [adc counts]

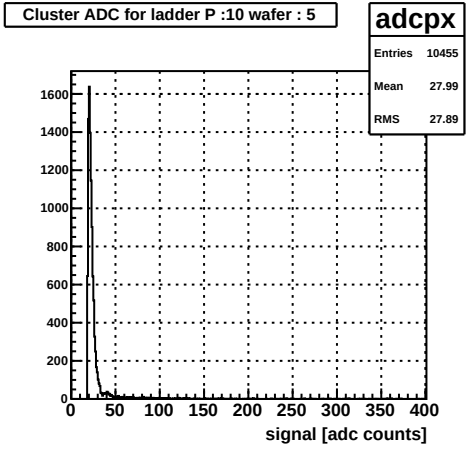

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 9036
Mean 37.48
RMS 26.19
signal [adc counts]

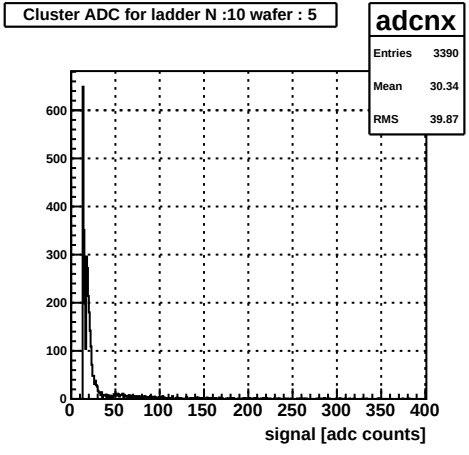

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 3216
Mean 32.11
RMS 40.71
signal [adc counts]

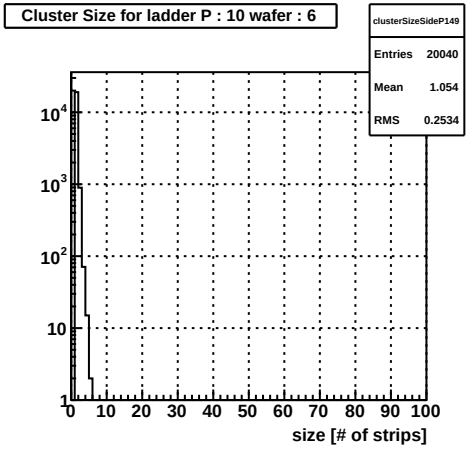

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 10455
Mean 1.05
RMS 0.2702
size [# of strips]

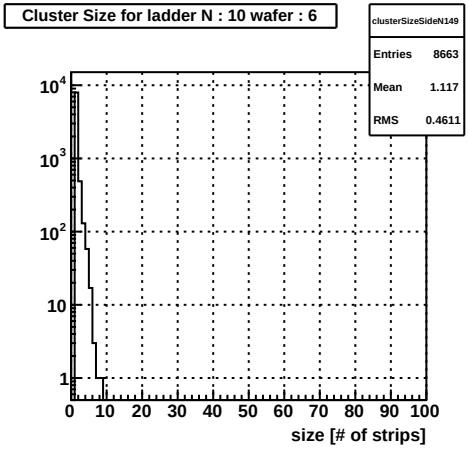

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 3390
Mean 1.137
RMS 0.4871
size [# of strips]

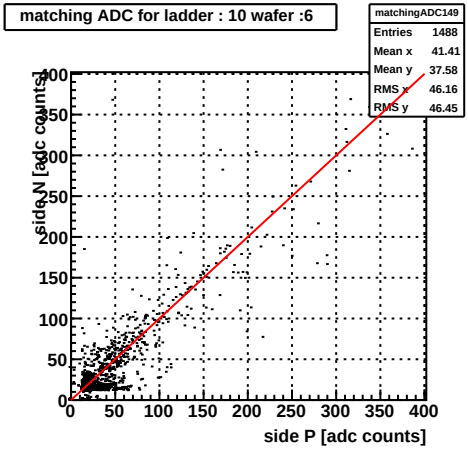

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 594
Mean x 67.21
Mean y 65.6
RMS x 66.81
RMS y 65.81
side N [adc counts]
side P [adc counts]

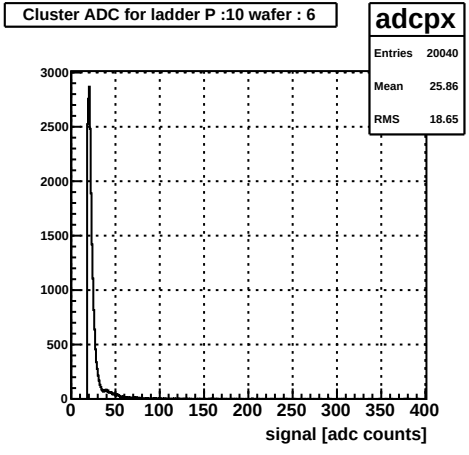

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 10455
Mean 27.99
RMS 27.89
signal [adc counts]

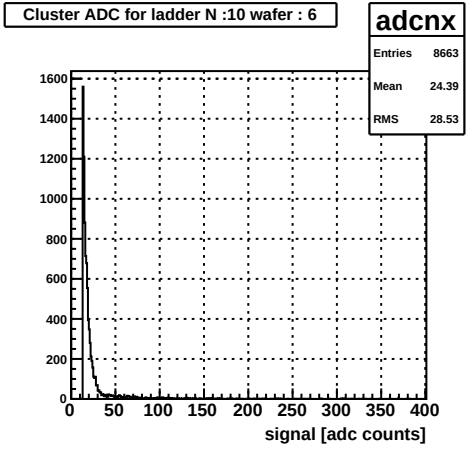

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 3390
Mean 30.34
RMS 39.87
signal [adc counts]

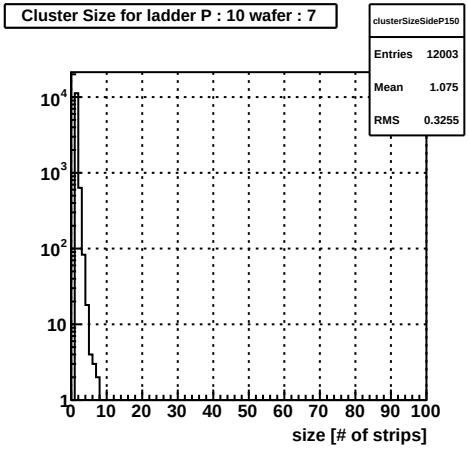

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 20040
Mean 1.054
RMS 0.2534
size [# of strips]

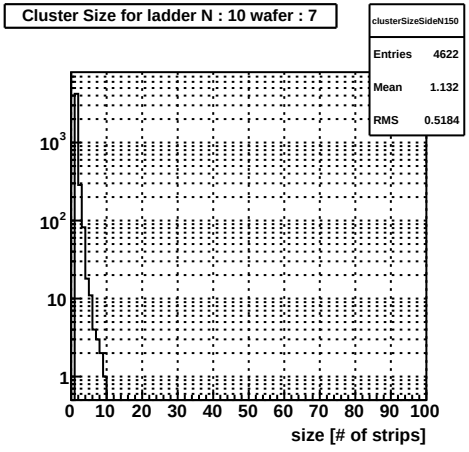

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 8663
Mean 1.117
RMS 0.4611
size [# of strips]

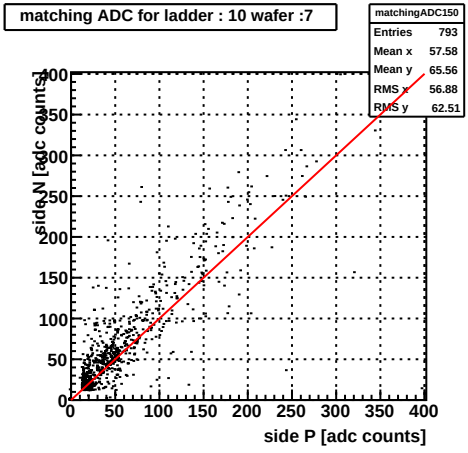

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1488
Mean x 41.41
Mean y 37.58
RMS x 46.16
RMS y 46.45
side N [adc counts]
side P [adc counts]

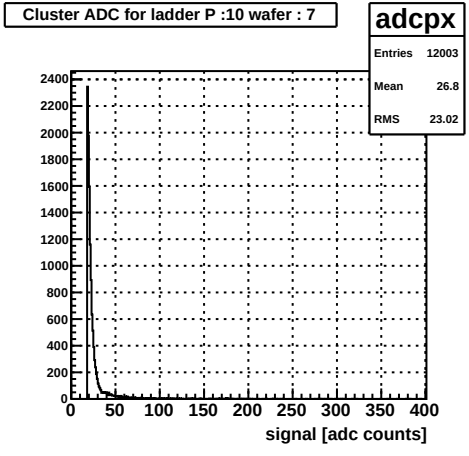

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 20040
Mean 25.86
RMS 18.65
signal [adc counts]

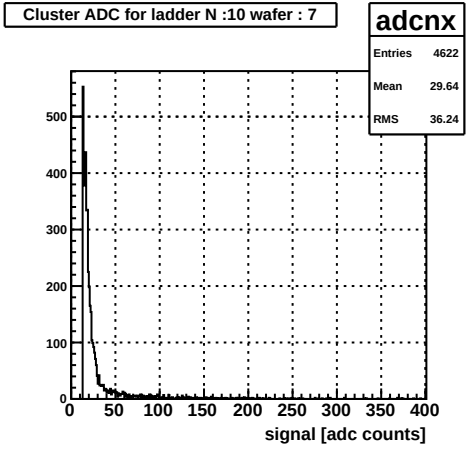

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 8663
Mean 24.39
RMS 28.53
signal [adc counts]

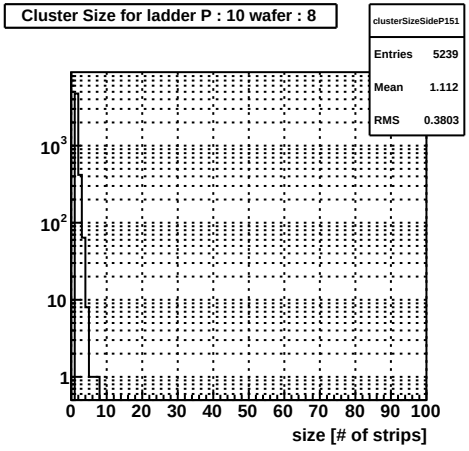

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 12003
Mean 1.075
RMS 0.3255
size [# of strips]

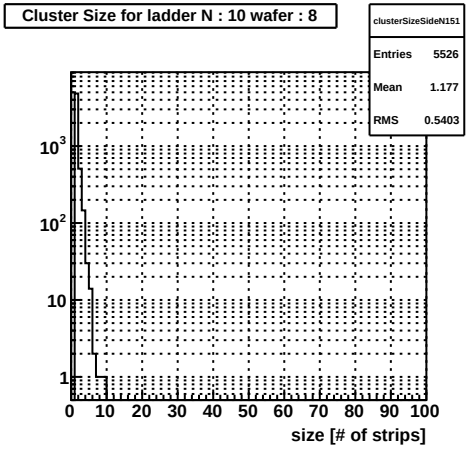

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4622
Mean 1.132
RMS 0.5184
size [# of strips]

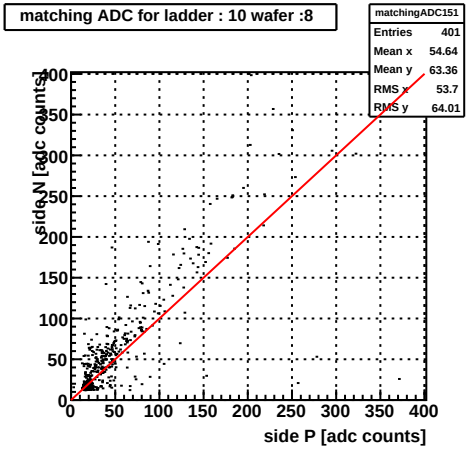

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 793
Mean x 57.58
Mean y 65.56
RMS x 56.88
RMS y 62.51
side N [adc counts]
side P [adc counts]

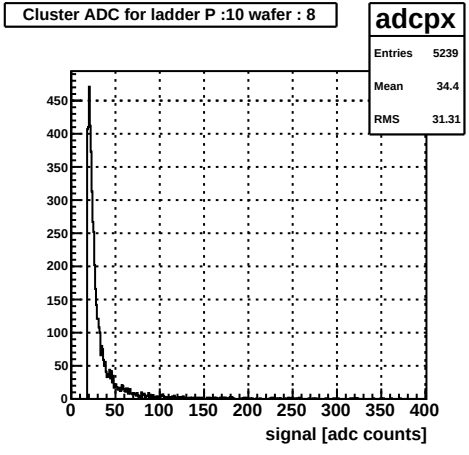

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 12003
Mean 26.8
RMS 23.02
signal [adc counts]

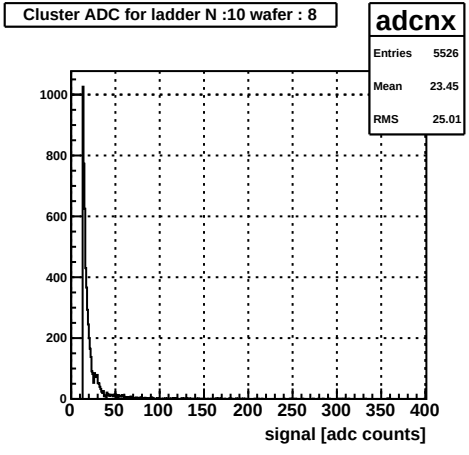

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4622
Mean 29.64
RMS 36.24
signal [adc counts]

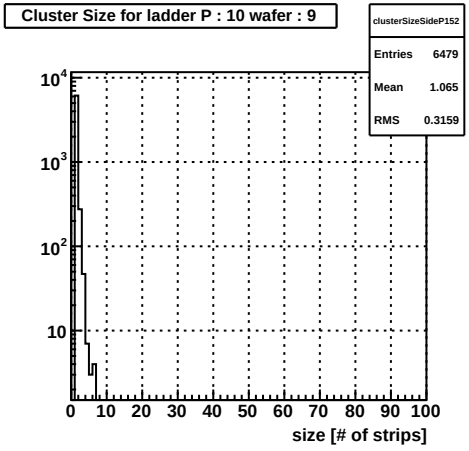

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 5239
Mean 1.112
RMS 0.3803
size [# of strips]

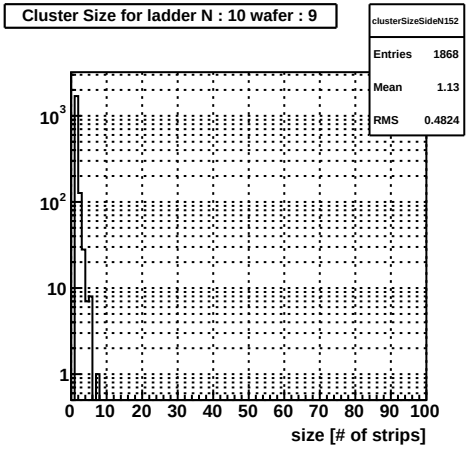

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 5526
Mean 1.177
RMS 0.5403
size [# of strips]

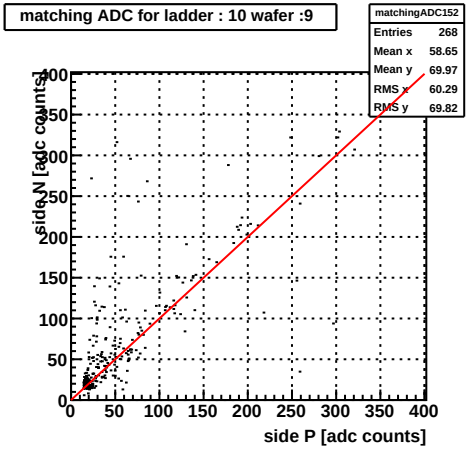

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 401
Mean x 54.64
Mean y 63.36
RMS x 53.7
RMS y 64.01
side N [adc counts]
side P [adc counts]

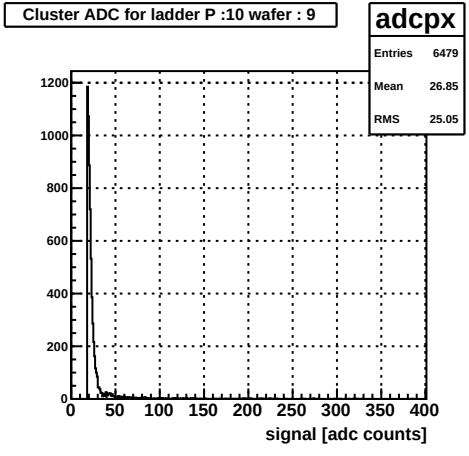

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 5239
Mean 34.4
RMS 31.31
signal [adc counts]

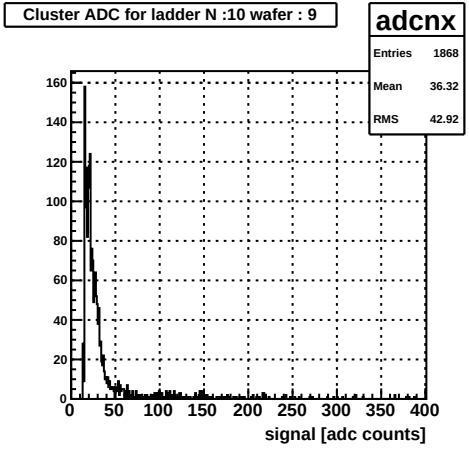

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 5526
Mean 23.45
RMS 25.01
signal [adc counts]

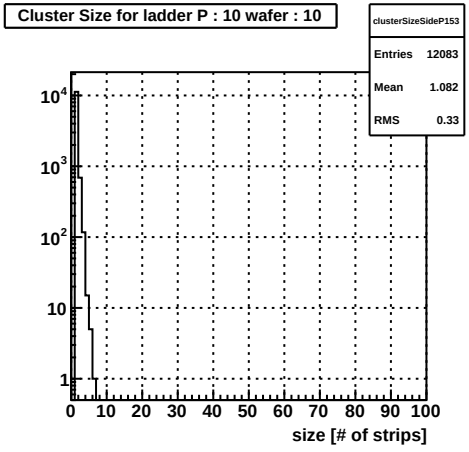

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 6479
Mean 1.065
RMS 0.3159
size [# of strips]

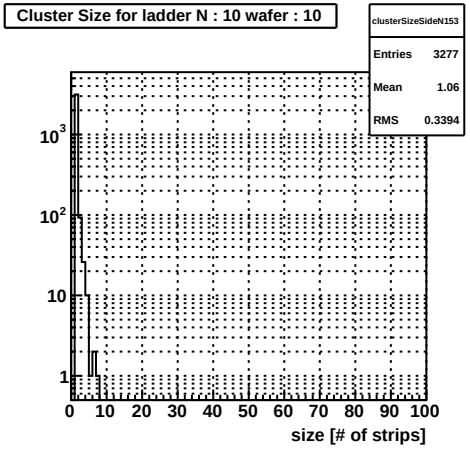

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1868
Mean 1.13
RMS 0.4824
size [# of strips]

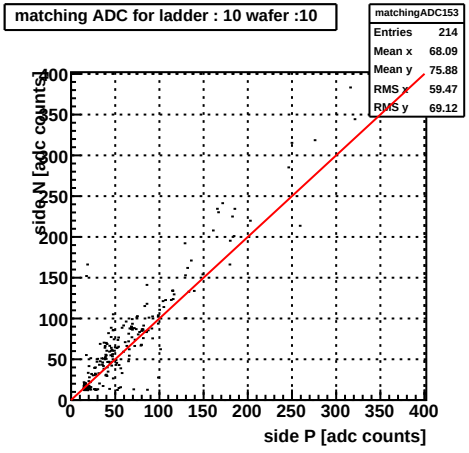

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 268
Mean x 58.65
Mean y 69.97
RMS x 60.29
RMS y 69.82
side N [adc counts]
side P [adc counts]

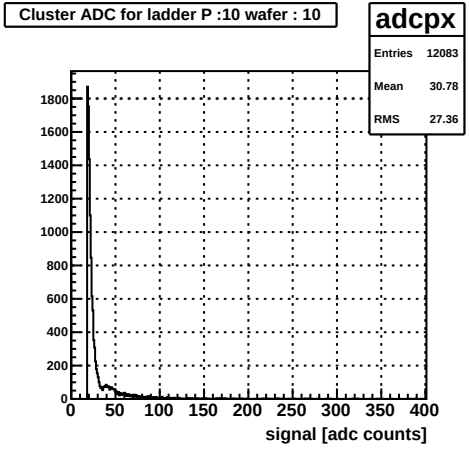

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 6479
Mean 26.85
RMS 25.05
signal [adc counts]

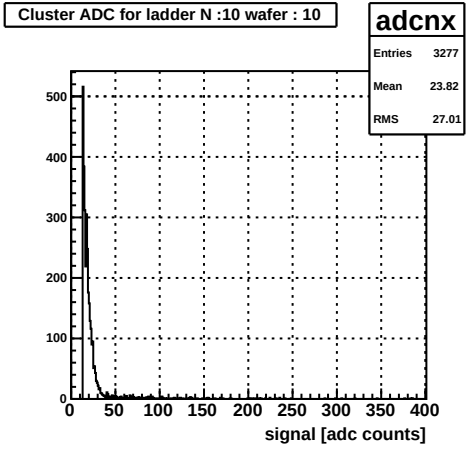

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1868
Mean 36.32
RMS 42.92
signal [adc counts]

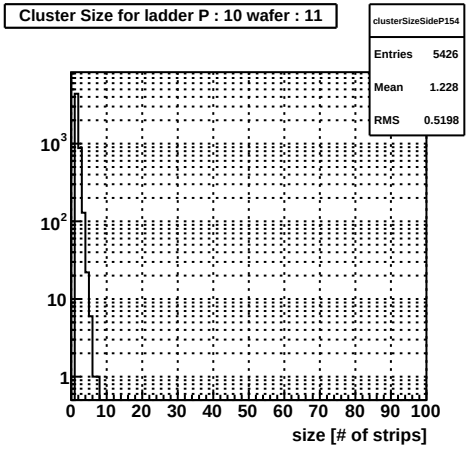

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 12083
Mean 1.082
RMS 0.33
size [# of strips]

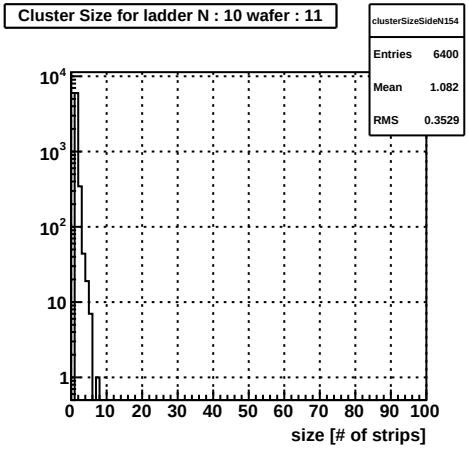

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 3277
Mean 1.06
RMS 0.3394
size [# of strips]

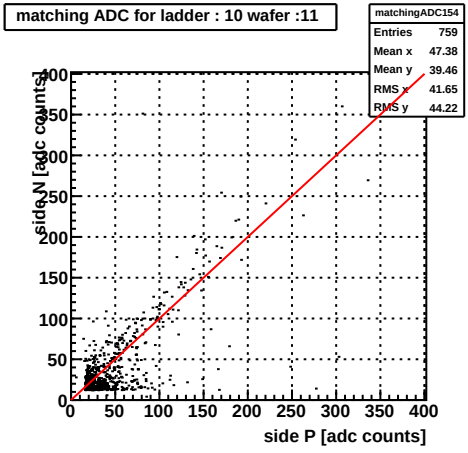

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 214
Mean x 68.09
Mean y 75.88
RMS x 59.47
RMS y 69.12
side N [adc counts]
side P [adc counts]

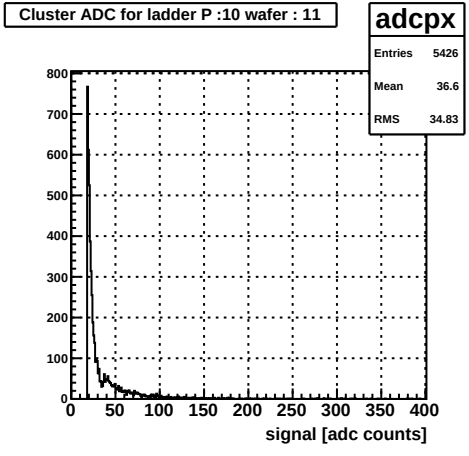

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 12083
Mean 30.78
RMS 27.36
signal [adc counts]

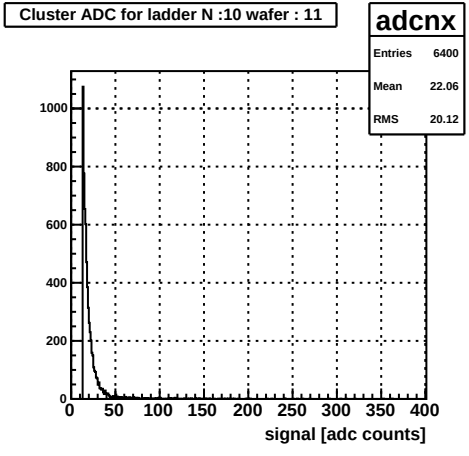

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 3277
Mean 23.82
RMS 27.01
signal [adc counts]

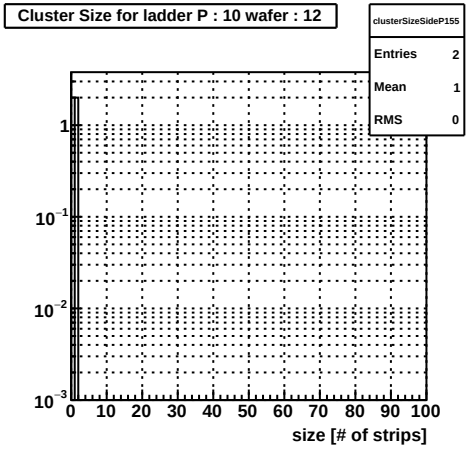

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 5426
Mean 1.228
RMS 0.5198
size [# of strips]

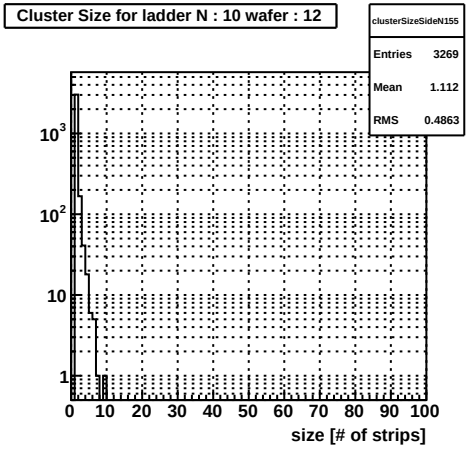

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 6400
Mean 1.082
RMS 0.3529
size [# of strips]

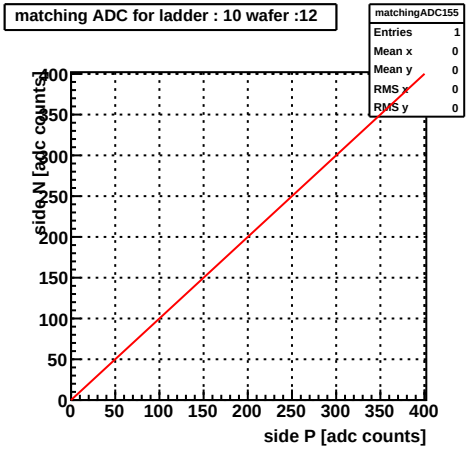

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 759
Mean x 47.38
Mean y 39.46
RMS x 41.65
RMS y 44.22
side N [adc counts]
side P [adc counts]

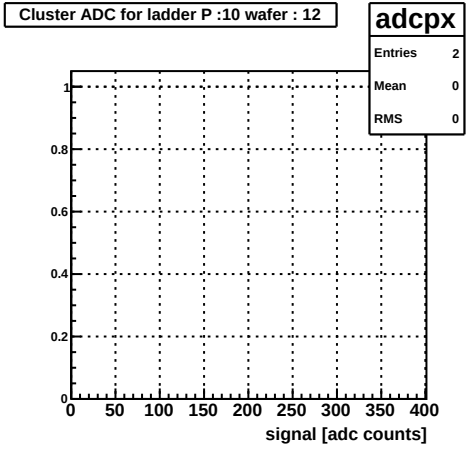

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 5426
Mean 36.6
RMS 34.83
signal [adc counts]

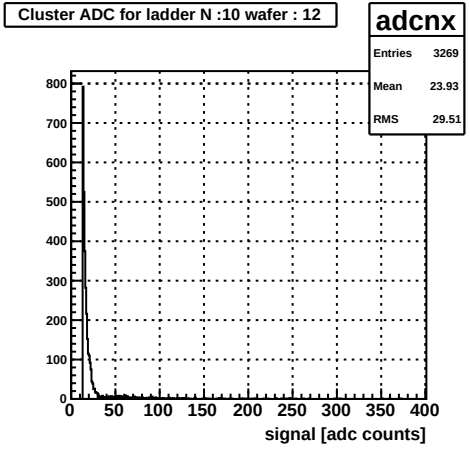

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 6400
Mean 22.06
RMS 20.12
signal [adc counts]

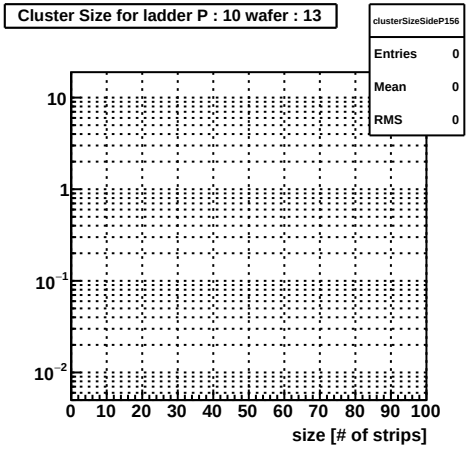

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 2
Mean 1
RMS 0
size [# of strips]

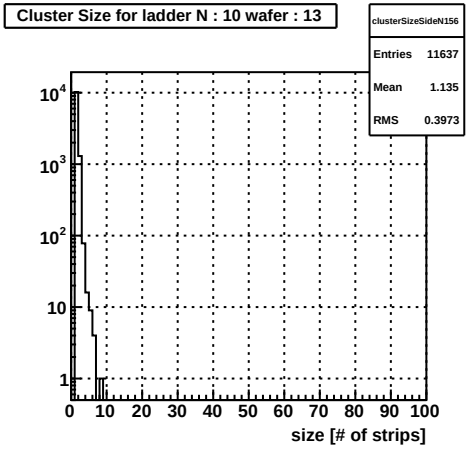

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 3269
Mean 1.112
RMS 0.4863
size [# of strips]

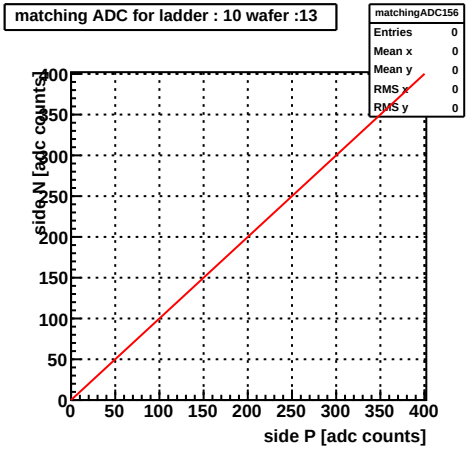

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

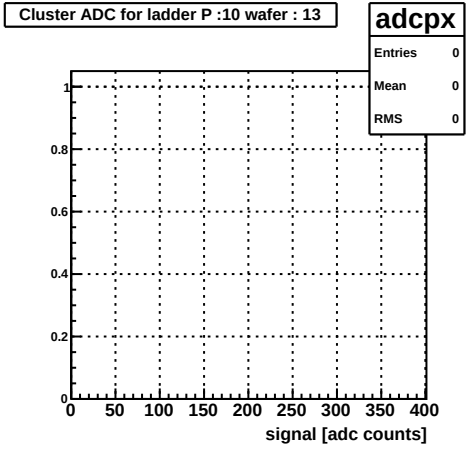

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

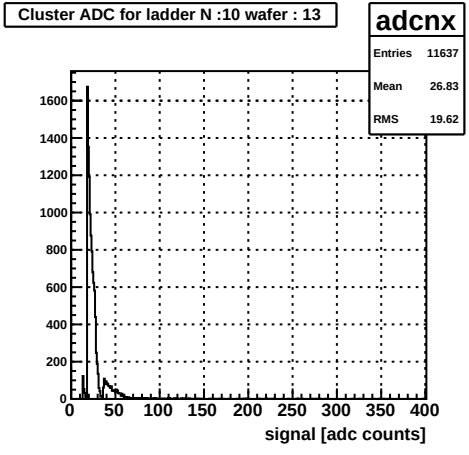

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 3269
Mean 23.93
RMS 29.51
signal [adc counts]

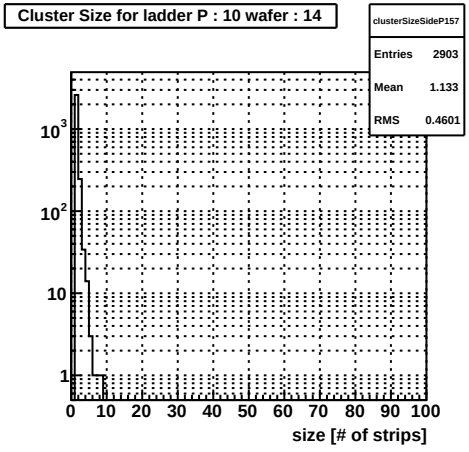

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

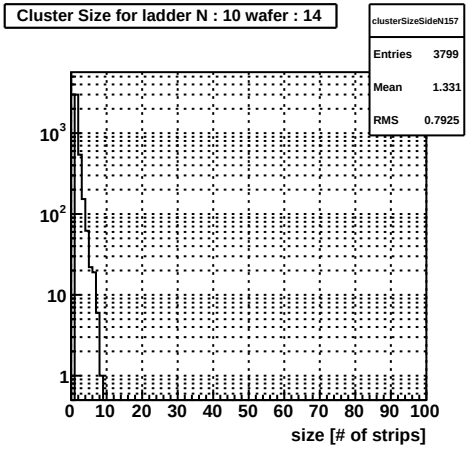

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 11637
Mean 1.135
RMS 0.3973
size [# of strips]

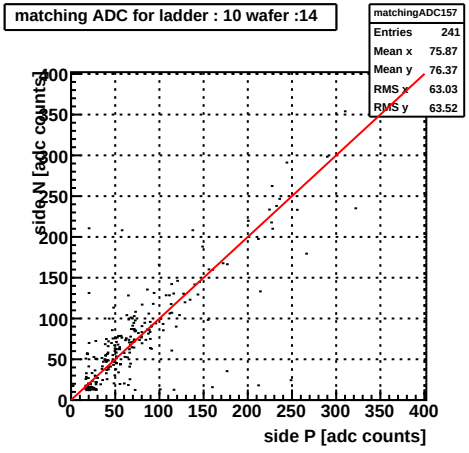

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

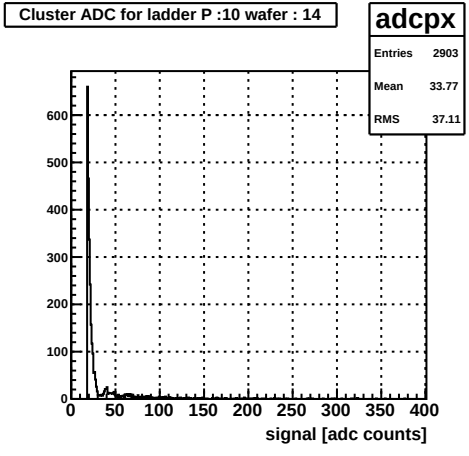

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

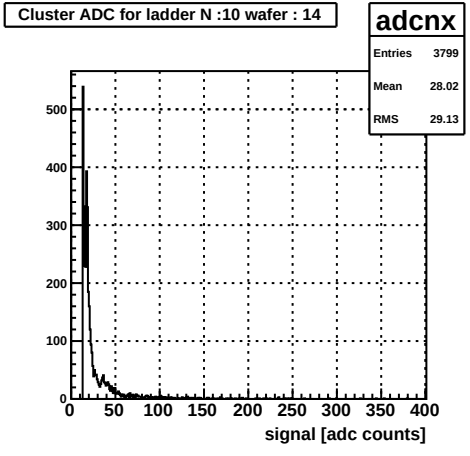

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 11637
Mean 26.83
RMS 19.62
signal [adc counts]

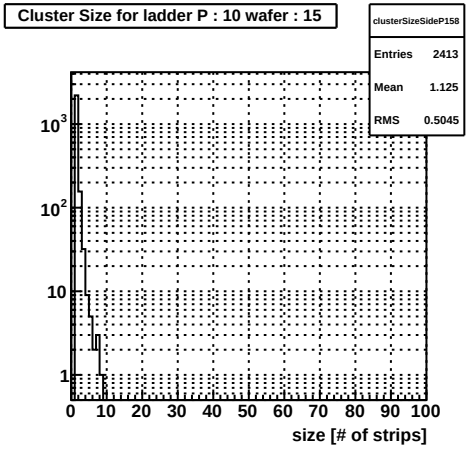

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 2903
Mean 1.133
RMS 0.4601
size [# of strips]

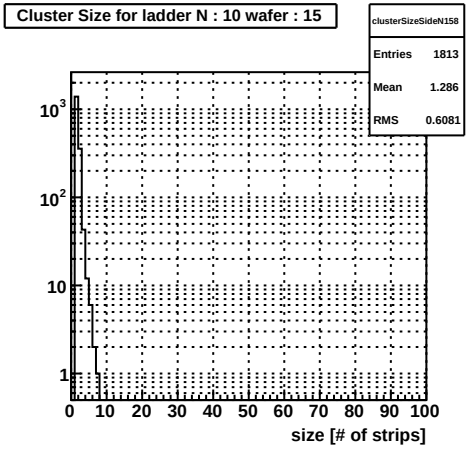

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 3799
Mean 1.331
RMS 0.7925
size [# of strips]

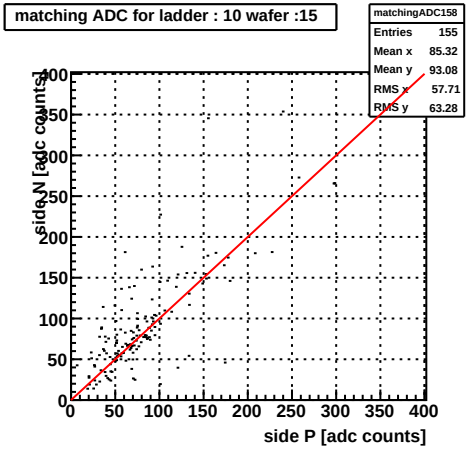

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 241
Mean x 75.87
Mean y 76.37
RMS x 63.03
RMS y 63.52
side N [adc counts]
side P [adc counts]

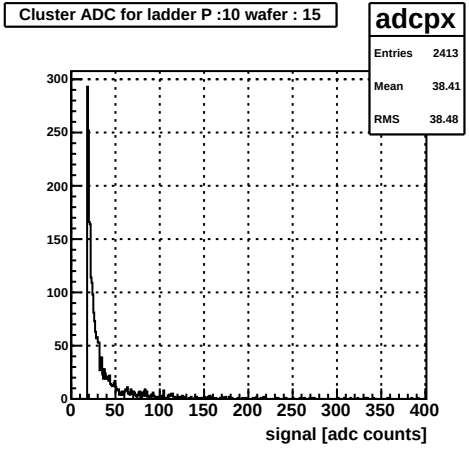

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 2903
Mean 33.77
RMS 37.11
signal [adc counts]

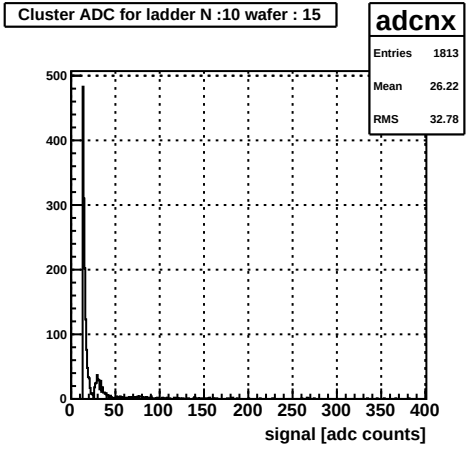

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 3799
Mean 28.02
RMS 29.13
signal [adc counts]

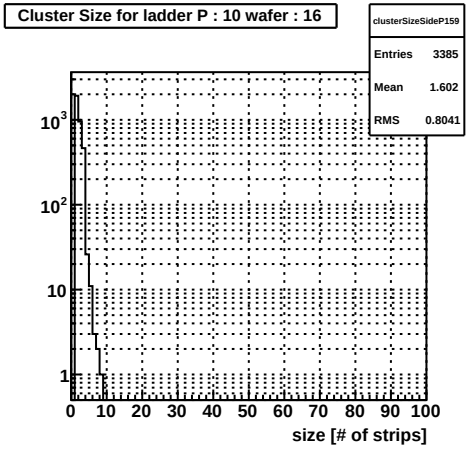

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 2413
Mean 1.125
RMS 0.5045
size [# of strips]

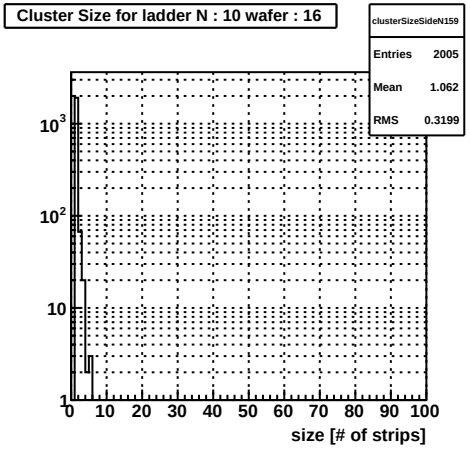

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 1813
Mean 1.286
RMS 0.6081
size [# of strips]

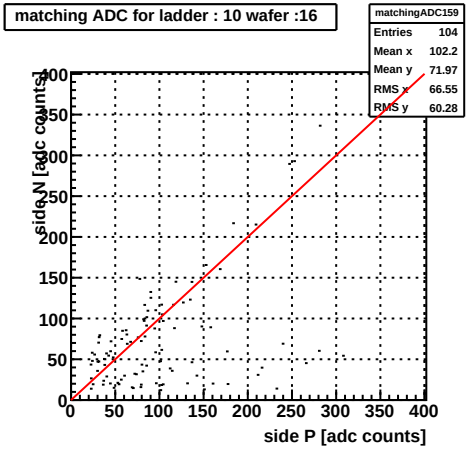

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 155
Mean x 85.32
Mean y 93.08
RMS x 57.71
RMS y 63.28
side N [adc counts]
side P [adc counts]

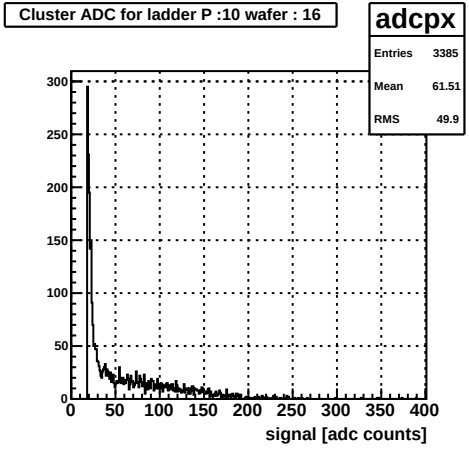

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 2413
Mean 38.41
RMS 38.48
signal [adc counts]

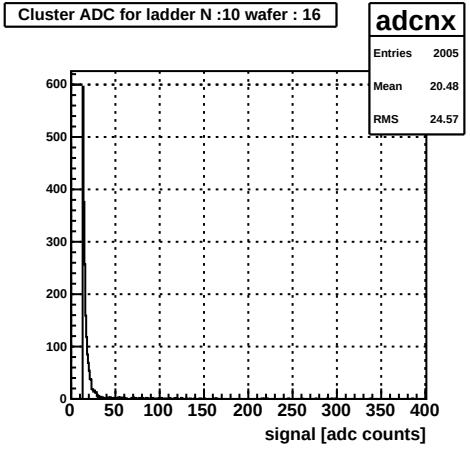

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 1813
Mean 26.22
RMS 32.78
signal [adc counts]

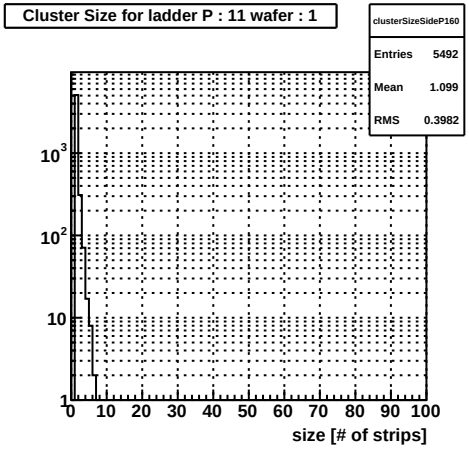

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3385
Mean 1.602
RMS 0.8041
size [# of strips]

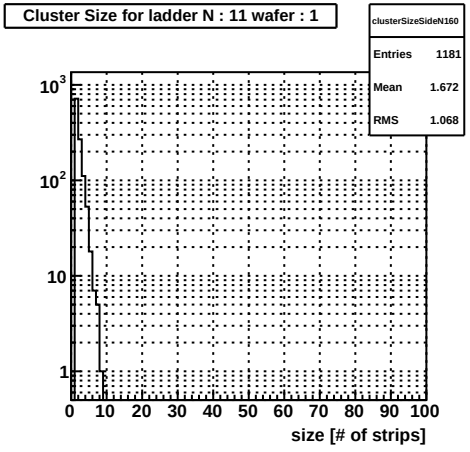

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 2005
Mean 1.062
RMS 0.3199
size [# of strips]

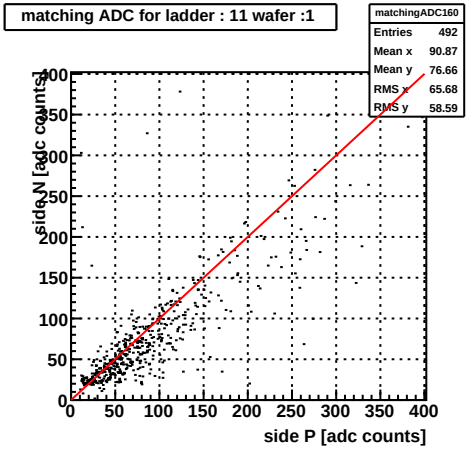

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 104
Mean x 102.2
Mean y 71.97
RMS x 66.55
RMS y 60.28
side N [adc counts]
side P [adc counts]

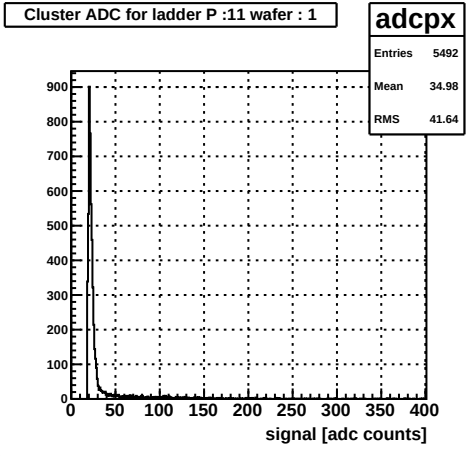

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3385
Mean 61.51
RMS 49.9
signal [adc counts]

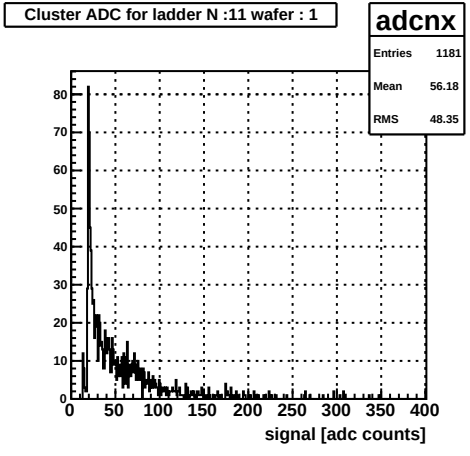

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 2005
Mean 20.48
RMS 24.57
signal [adc counts]

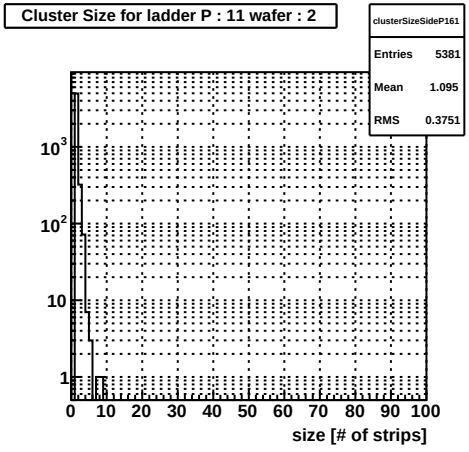

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 5492
Mean 1.099
RMS 0.3982
size [# of strips]

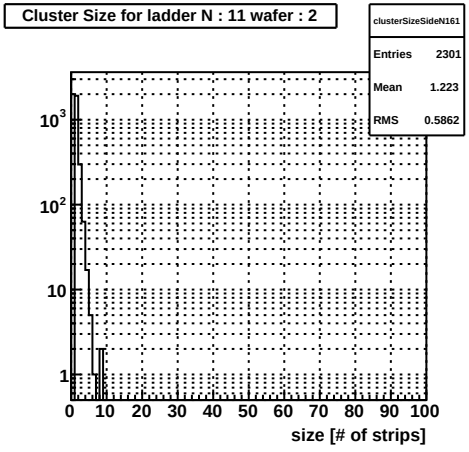

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1181
Mean 1.672
RMS 1.068
size [# of strips]

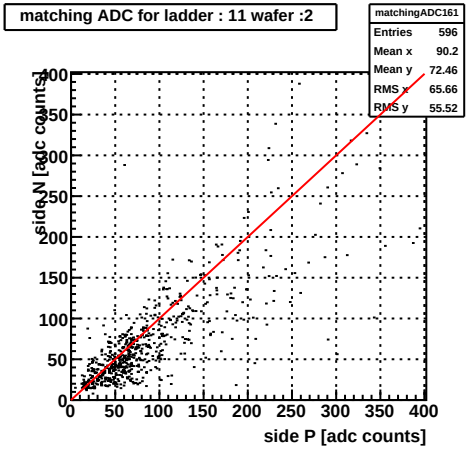

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 492
Mean x 90.87
Mean y 76.66
RMS x 65.68
RMS y 58.59
side N [adc counts]
side P [adc counts]

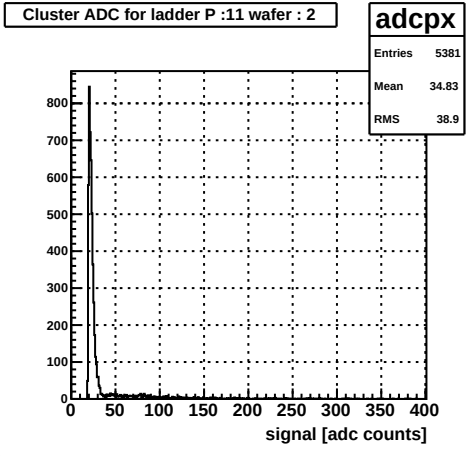

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 5492
Mean 34.98
RMS 41.64
signal [adc counts]

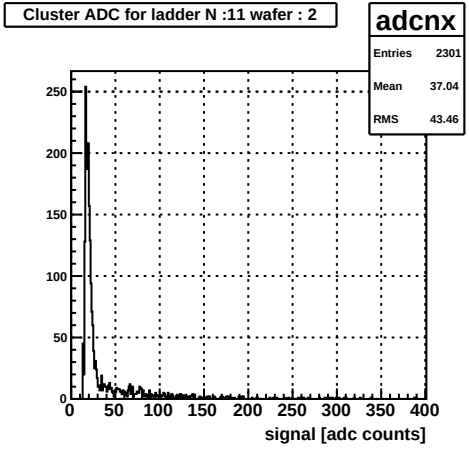

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1181
Mean 56.18
RMS 48.35
signal [adc counts]

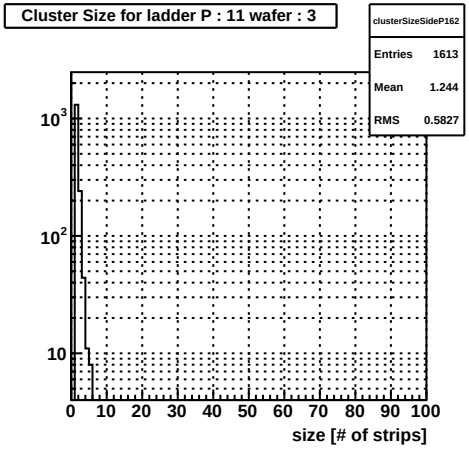

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 5381
Mean 1.095
RMS 0.3751
size [# of strips]

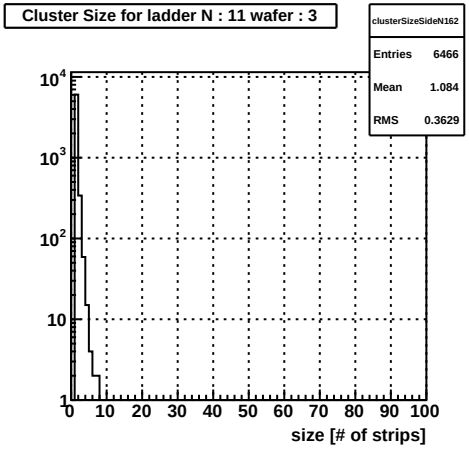

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 2301
Mean 1.223
RMS 0.5862
size [# of strips]

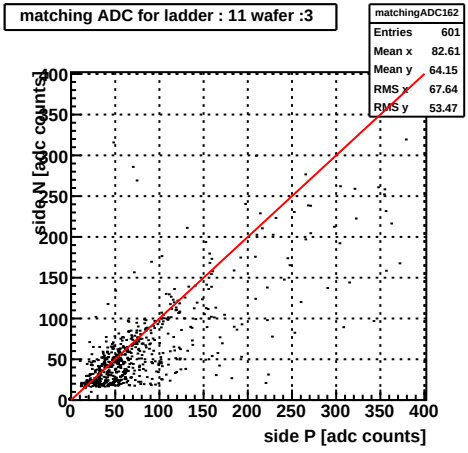

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 596
Mean x 90.2
Mean y 72.46
RMS x 65.66
RMS y 55.52
side N [adc counts]
side P [adc counts]

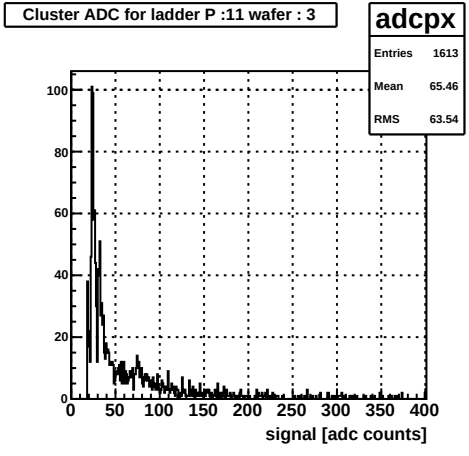

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 5381
Mean 34.83
RMS 38.9
signal [adc counts]

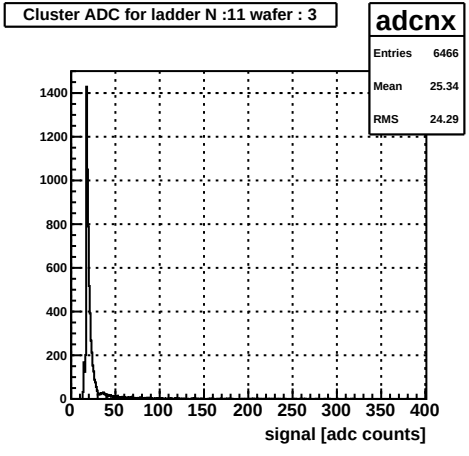

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 2301
Mean 37.04
RMS 43.46
signal [adc counts]

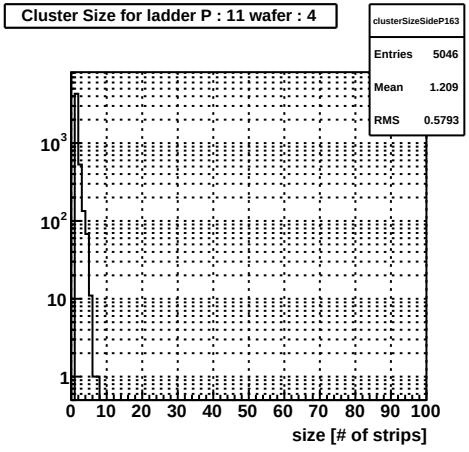

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 1613
Mean 1.244
RMS 0.5827
size [# of strips]

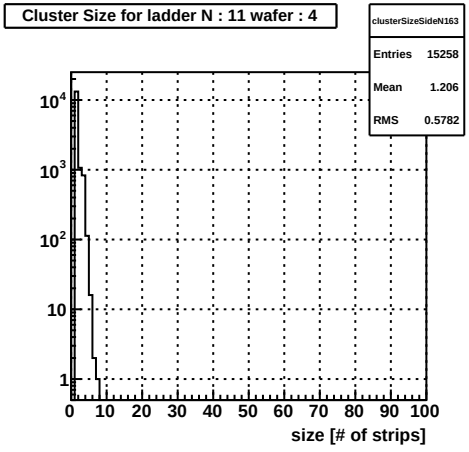

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 6466
Mean 1.084
RMS 0.3629
size [# of strips]

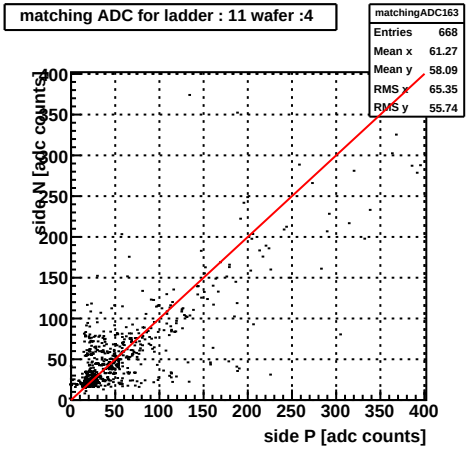

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 601
Mean x 82.61
Mean y 64.15
RMS x 67.64
RMS y 53.47
side N [adc counts]
side P [adc counts]

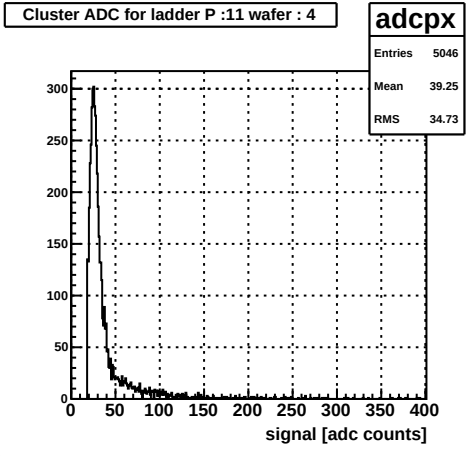

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 1613
Mean 65.46
RMS 63.54
signal [adc counts]

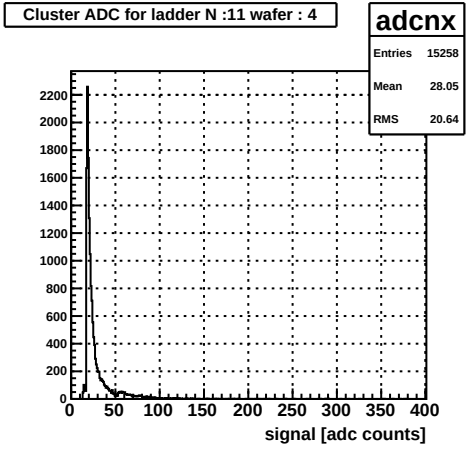

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 6466
Mean 25.34
RMS 24.29
signal [adc counts]

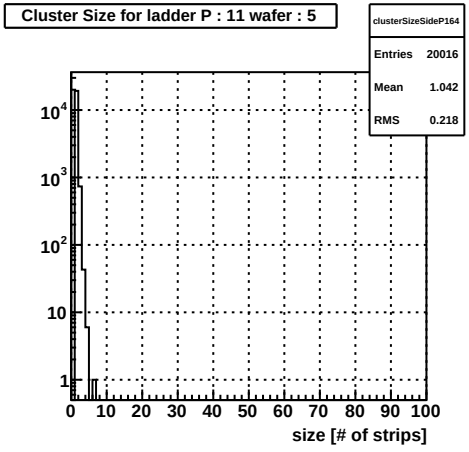

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 5046
Mean 1.209
RMS 0.5793
size [# of strips]

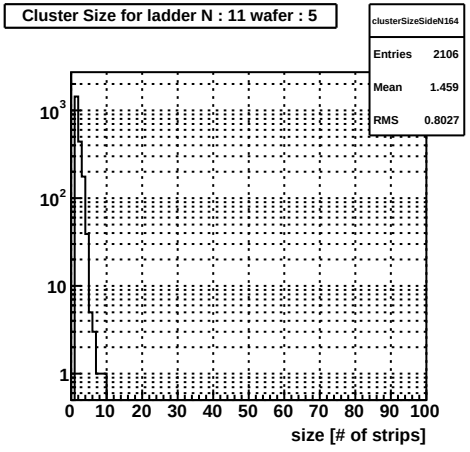

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 15258
Mean 1.206
RMS 0.5782
size [# of strips]

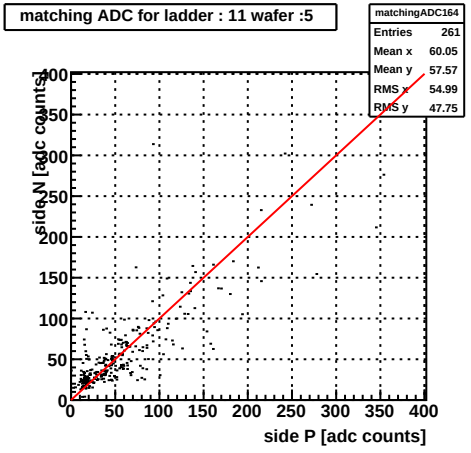

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 668
Mean x 61.27
Mean y 58.09
RMS x 65.35
RMS y 55.74
side N [adc counts]
side P [adc counts]

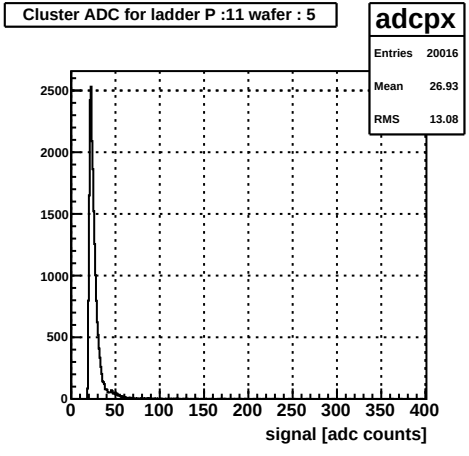

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 5046
Mean 39.25
RMS 34.73
signal [adc counts]

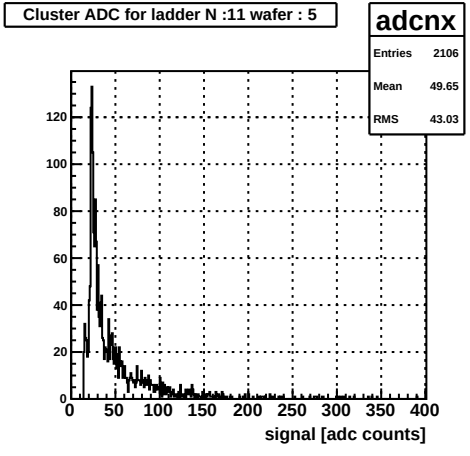

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 15258
Mean 28.05
RMS 20.64
signal [adc counts]

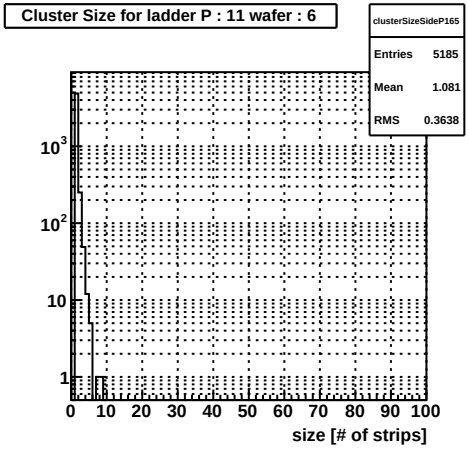

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 20016
Mean 1.042
RMS 0.218
size [# of strips]

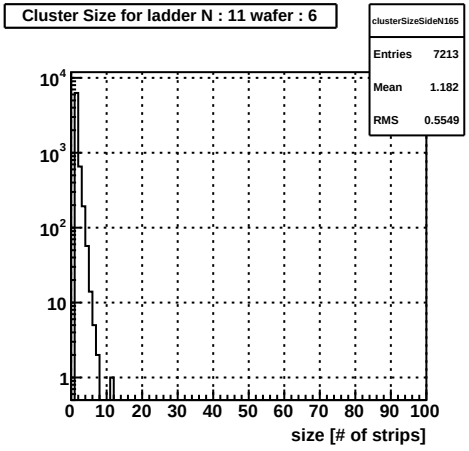

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 2106
Mean 1.459
RMS 0.8027
size [# of strips]

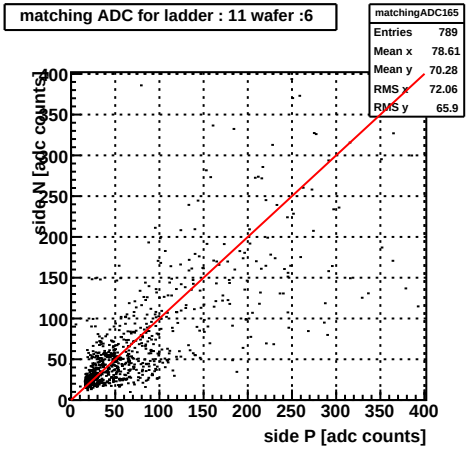

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 261
Mean x 60.05
Mean y 57.57
RMS x 54.99
RMS y 47.75
side N [adc counts]
side P [adc counts]

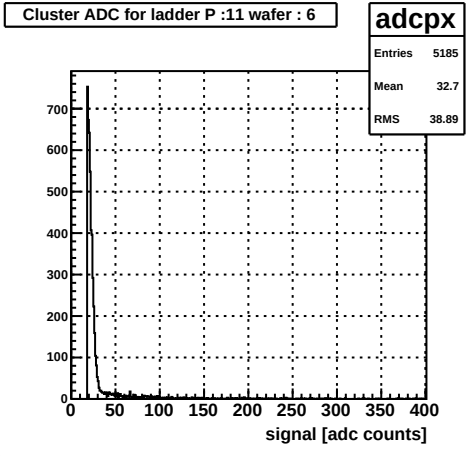

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 20016
Mean 26.93
RMS 13.08
signal [adc counts]

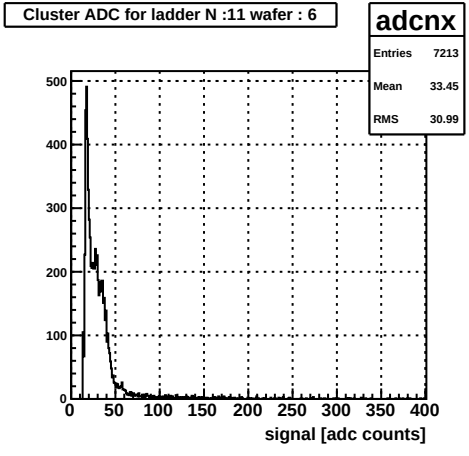

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 2106
Mean 49.65
RMS 43.03
signal [adc counts]

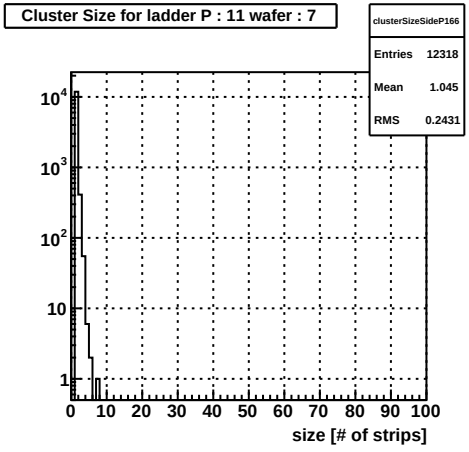

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 5185
Mean 1.081
RMS 0.3638
size [# of strips]

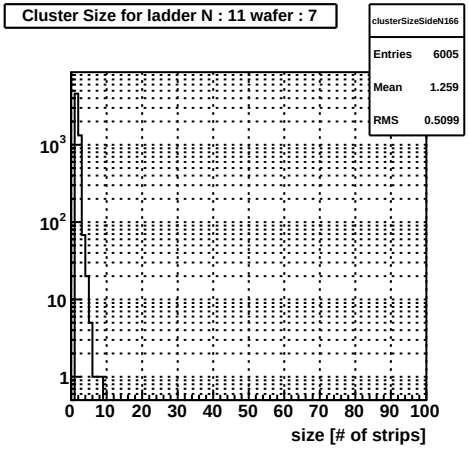

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 7213
Mean 1.182
RMS 0.5549
size [# of strips]

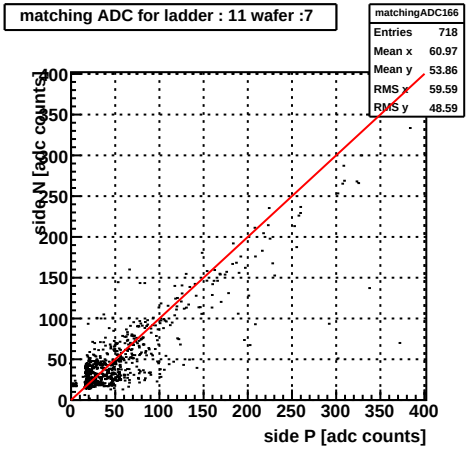

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 789
Mean x 78.61
Mean y 70.28
RMS x 72.06
RMS y 65.9
side N [adc counts]
side P [adc counts]

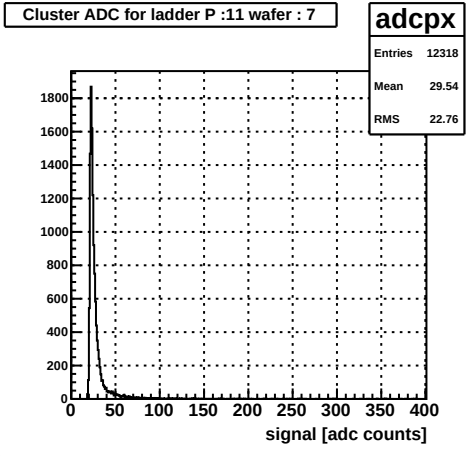

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 5185
Mean 32.7
RMS 38.89
signal [adc counts]

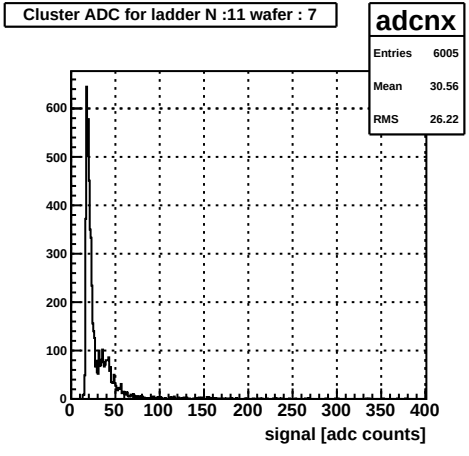

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 7213
Mean 33.45
RMS 30.99
signal [adc counts]

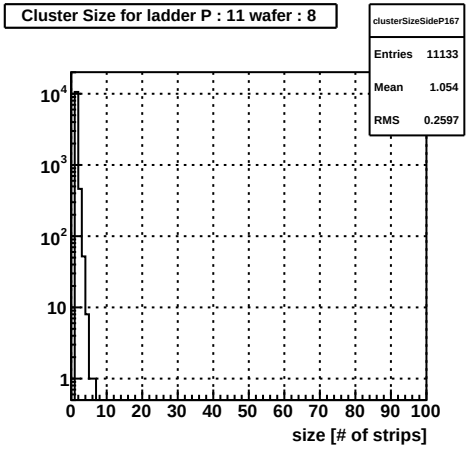

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 12318
Mean 1.045
RMS 0.2431
size [# of strips]

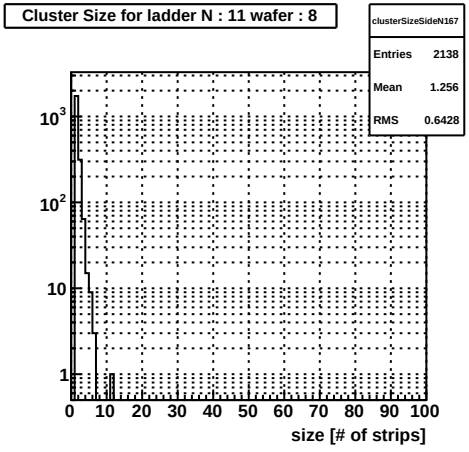

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 6005
Mean 1.259
RMS 0.5099
size [# of strips]

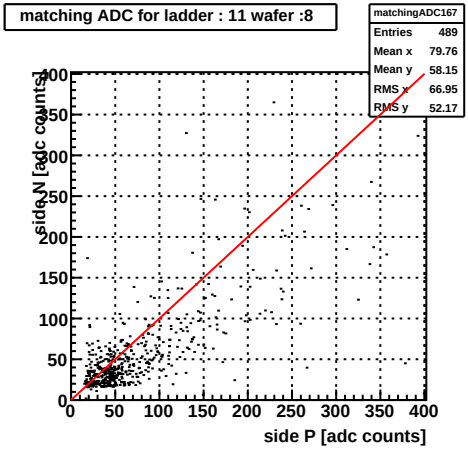

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 718
Mean x 60.97
Mean y 53.86
RMS x 59.59
RMS y 48.59
side N [adc counts]
side P [adc counts]

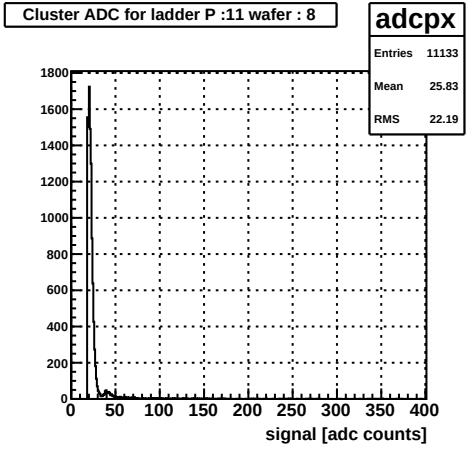

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 12318
Mean 29.54
RMS 22.76
signal [adc counts]

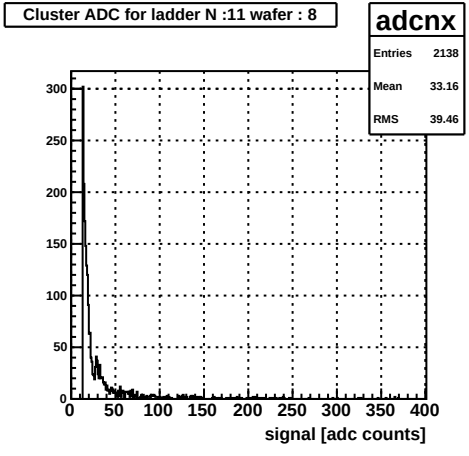

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 6005
Mean 30.56
RMS 26.22
signal [adc counts]

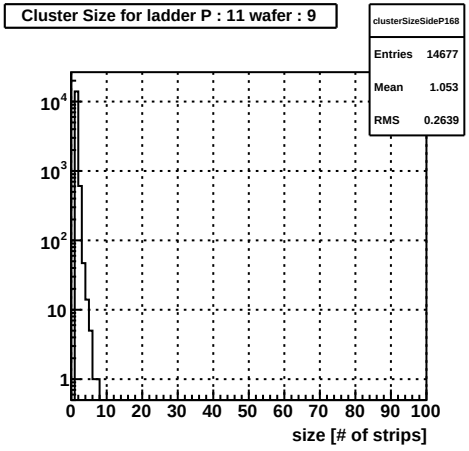

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 11133
Mean 1.054
RMS 0.2597
size [# of strips]

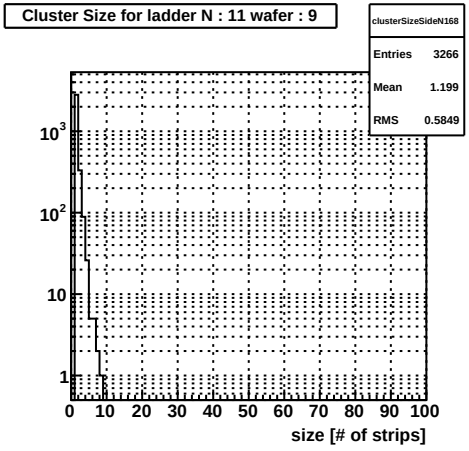

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 2138
Mean 1.256
RMS 0.6428
size [# of strips]

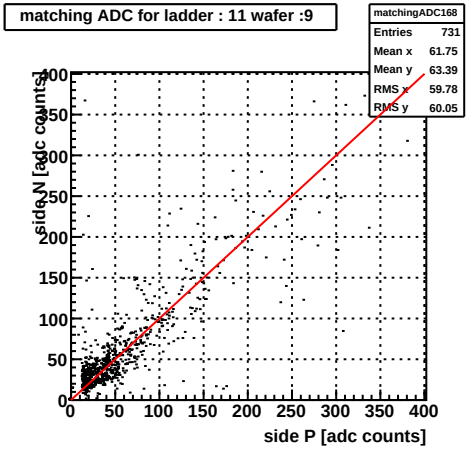

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 489
Mean x 79.76
Mean y 58.15
RMS x 66.95
RMS y 52.17
side N [adc counts]
side P [adc counts]

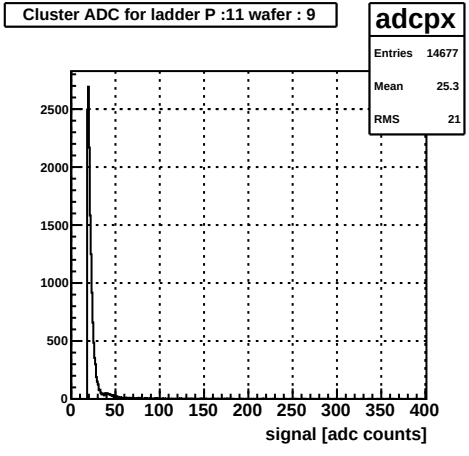

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 11133
Mean 25.83
RMS 22.19
signal [adc counts]

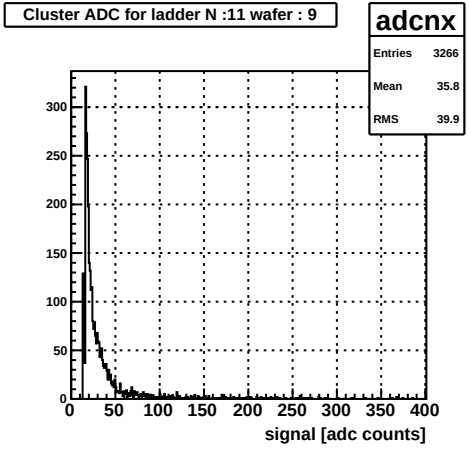

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 2138
Mean 33.16
RMS 39.46
signal [adc counts]

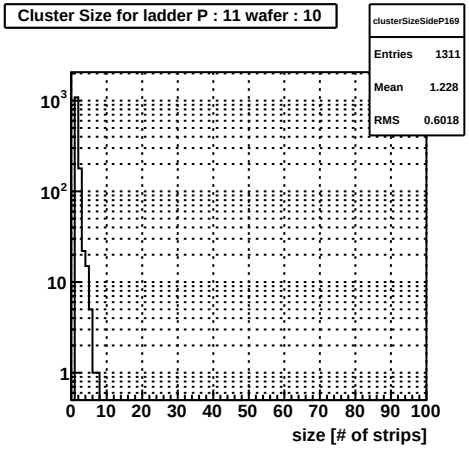

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 14677
Mean 1.053
RMS 0.2639
size [# of strips]

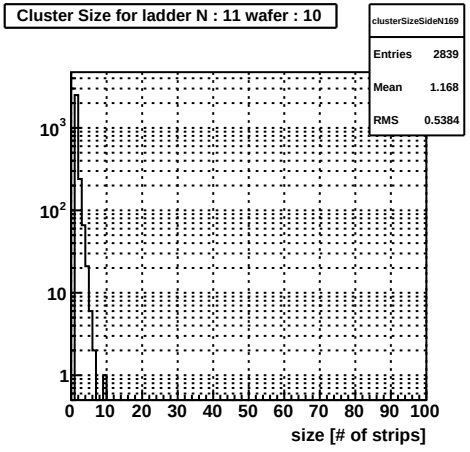

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 3266
Mean 1.199
RMS 0.5849
size [# of strips]

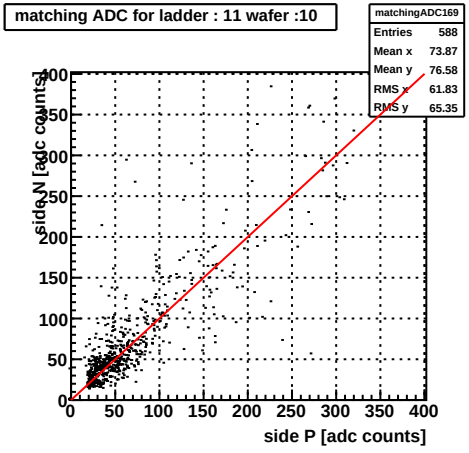

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 731
Mean x 61.75
Mean y 63.39
RMS x 59.78
RMS y 60.05
side N [adc counts]
side P [adc counts]

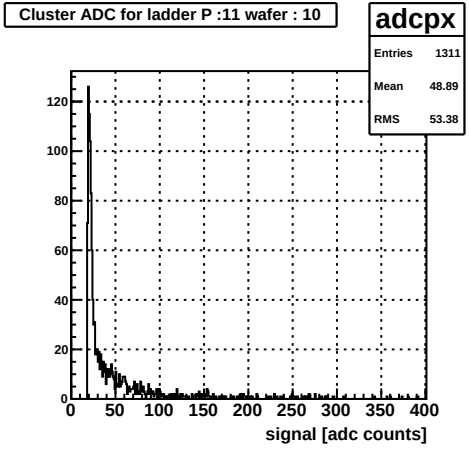

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 14677
Mean 25.3
RMS 21
signal [adc counts]

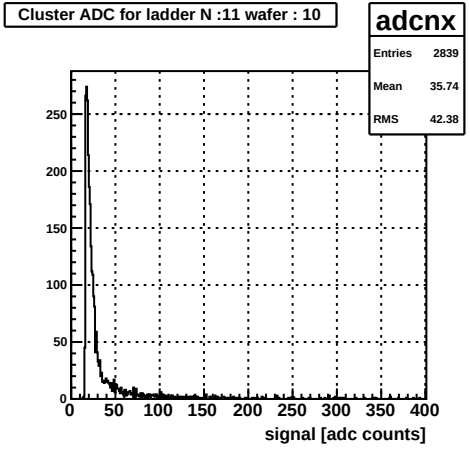

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 3266
Mean 35.8
RMS 39.9
signal [adc counts]

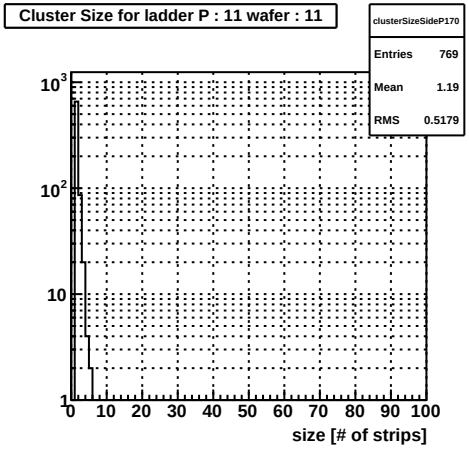

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 1311
Mean 1.228
RMS 0.6018
size [# of strips]

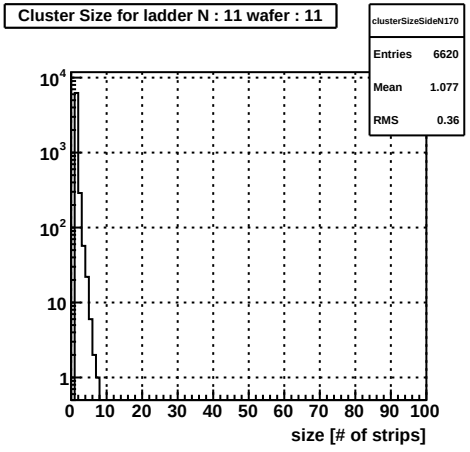

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2839
Mean 1.168
RMS 0.5384
size [# of strips]

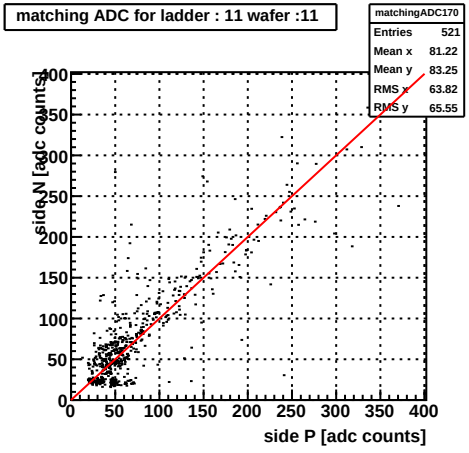

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 588
Mean x 73.87
Mean y 76.58
RMS x 61.83
RMS y 65.35
side N [adc counts]
side P [adc counts]

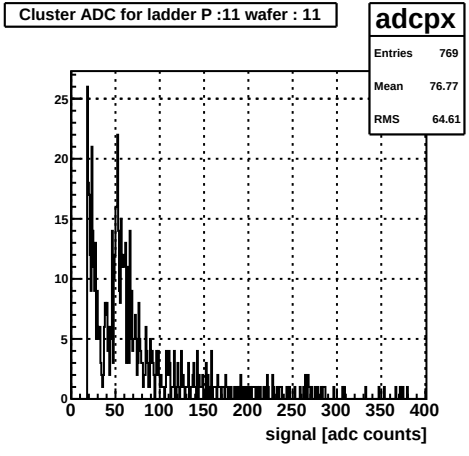

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 1311
Mean 48.89
RMS 53.38
signal [adc counts]

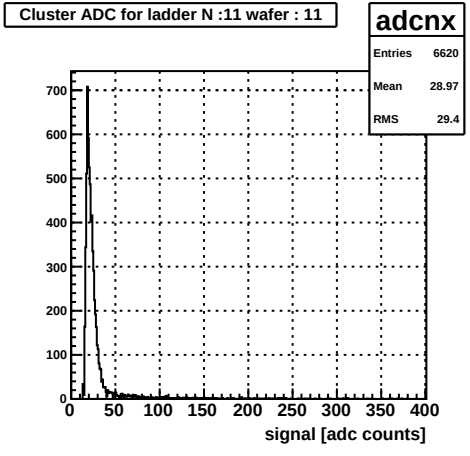

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2839
Mean 35.74
RMS 42.38
signal [adc counts]

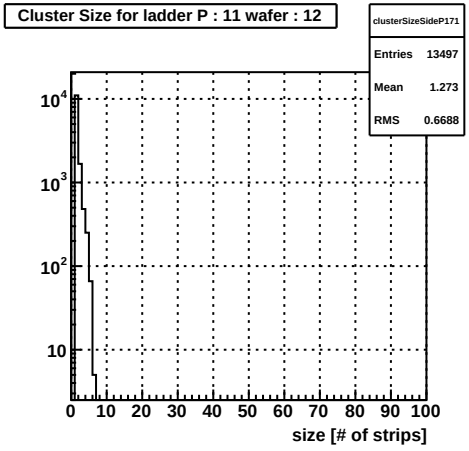

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 769
Mean 1.19
RMS 0.5179
size [# of strips]

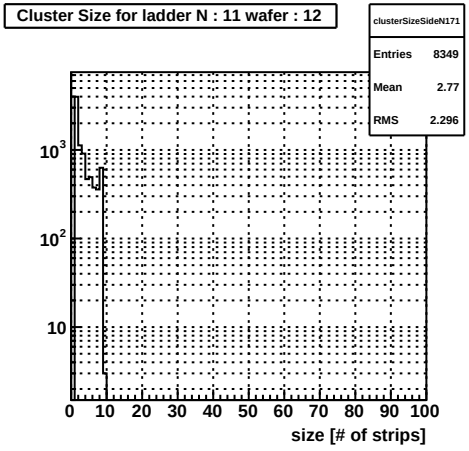

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 6620
Mean 1.077
RMS 0.36
size [# of strips]

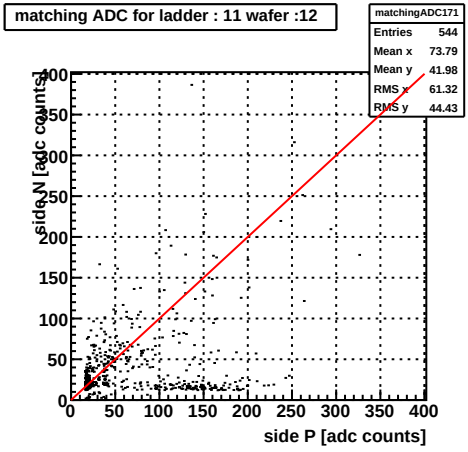

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 521
Mean x 81.22
Mean y 83.25
RMS x 63.82
RMS y 65.55
side N [adc counts]
side P [adc counts]

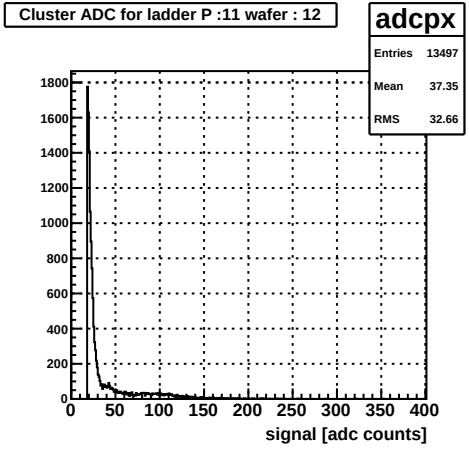

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 769
Mean 76.77
RMS 64.61
signal [adc counts]

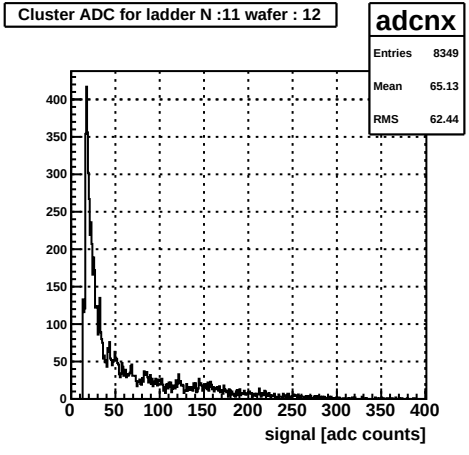

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 6620
Mean 28.97
RMS 29.4
signal [adc counts]

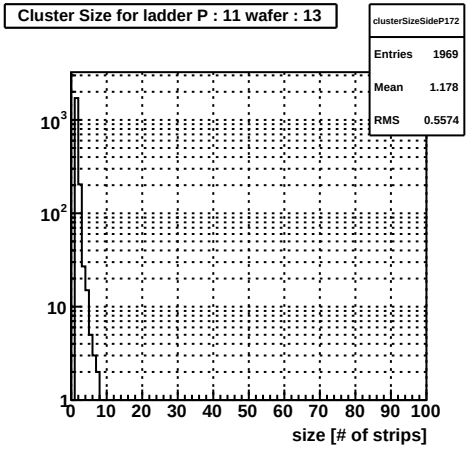

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 13497
Mean 1.273
RMS 0.6688
size [# of strips]

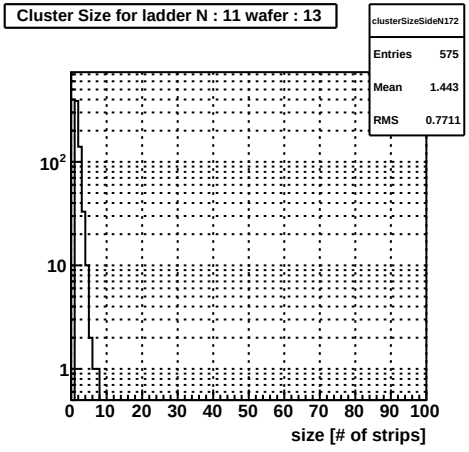

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 8349
Mean 2.77
RMS 2.296
size [# of strips]

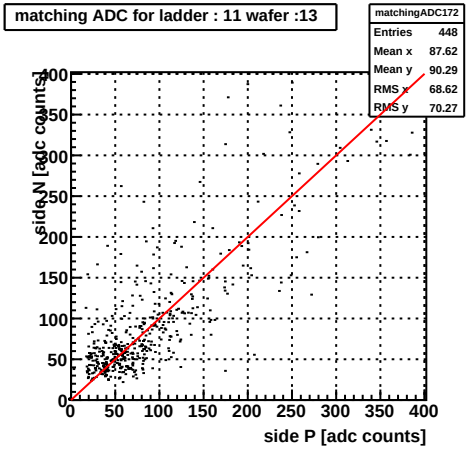

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 544
Mean x 73.79
Mean y 41.98
RMS x 61.32
RMS y 44.43
side N [adc counts]
side P [adc counts]

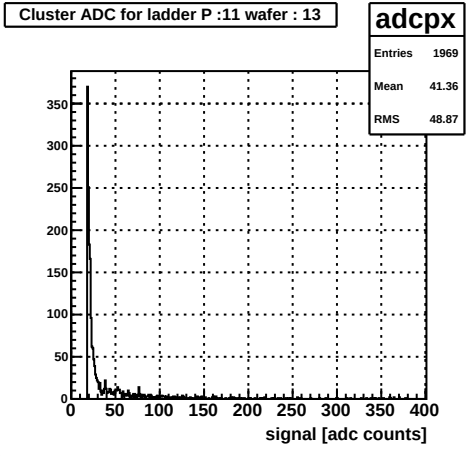

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 13497
Mean 37.35
RMS 32.66
signal [adc counts]

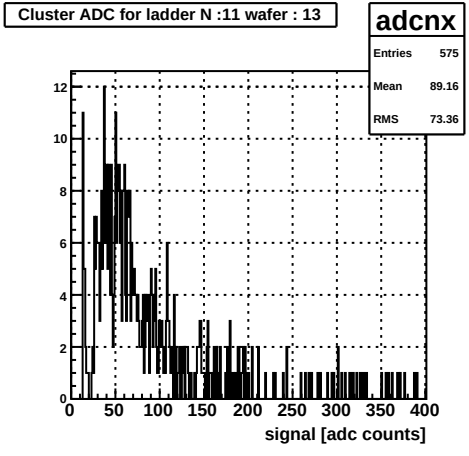

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 8349
Mean 65.13
RMS 62.44
signal [adc counts]

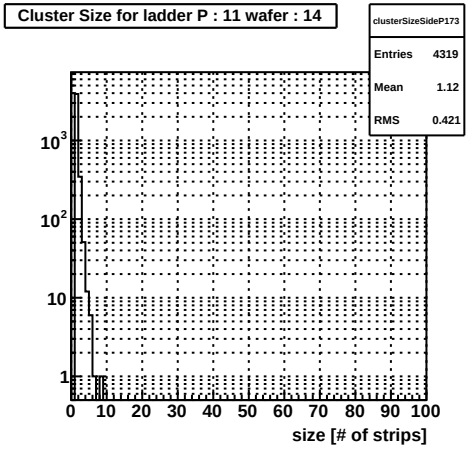

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1969
Mean 1.178
RMS 0.5574
size [# of strips]

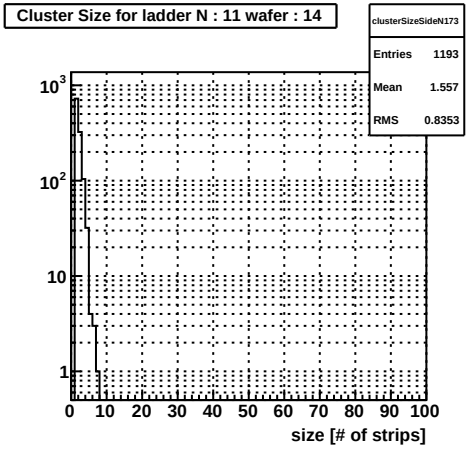

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 575
Mean 1.443
RMS 0.7711
size [# of strips]

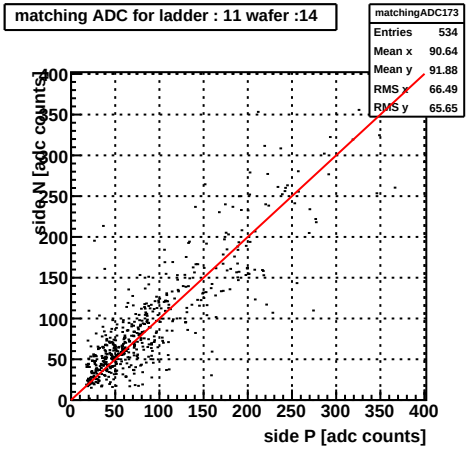

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 448
Mean x 87.62
Mean y 90.29
RMS x 68.62
RMS y 70.27
side N [adc counts]
side P [adc counts]

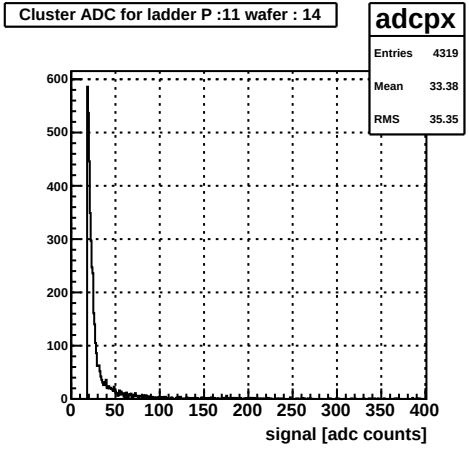

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1969
Mean 41.36
RMS 48.87
signal [adc counts]

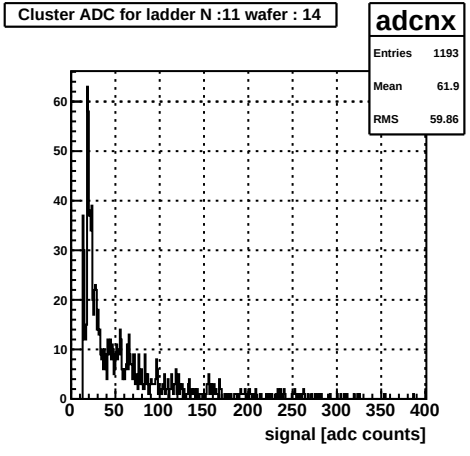

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 575
Mean 89.16
RMS 73.36
signal [adc counts]

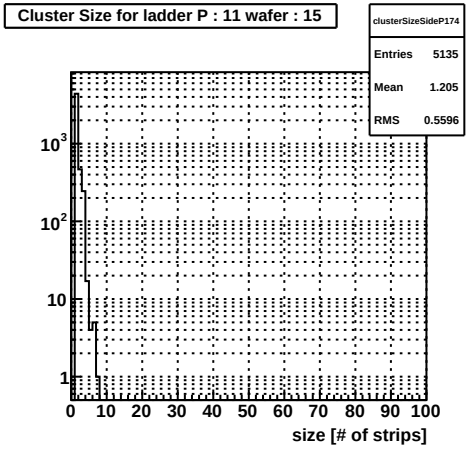

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 4319
Mean 1.12
RMS 0.421
size [# of strips]

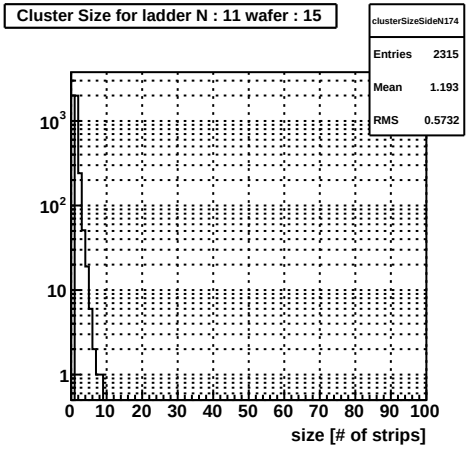

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 1193
Mean 1.557
RMS 0.8353
size [# of strips]

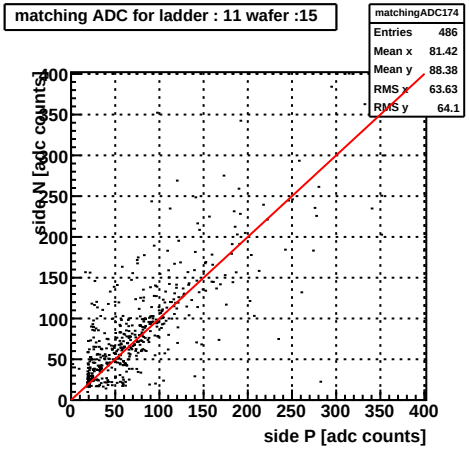

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 534
Mean x 90.64
Mean y 91.88
RMS x 66.49
RMS y 65.65
side N [adc counts]
side P [adc counts]

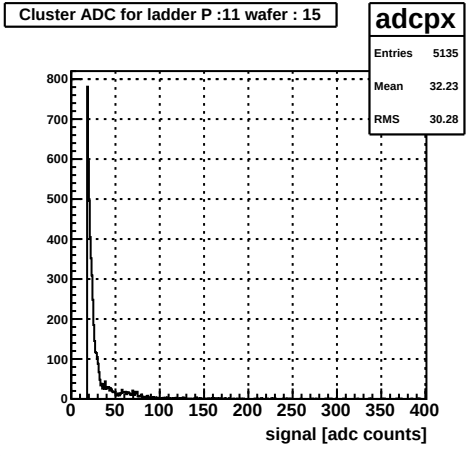

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 4319
Mean 33.38
RMS 35.35
signal [adc counts]

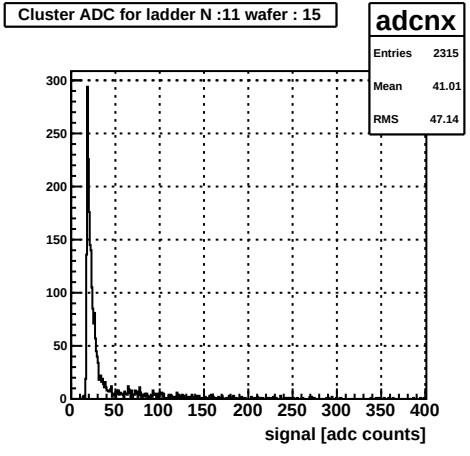

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 1193
Mean 61.9
RMS 59.86
signal [adc counts]

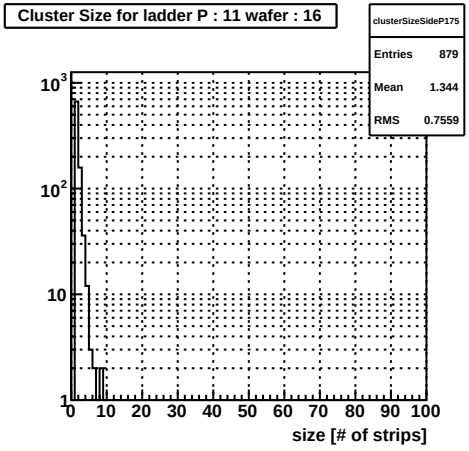

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 5135
Mean 1.205
RMS 0.5596
size [# of strips]

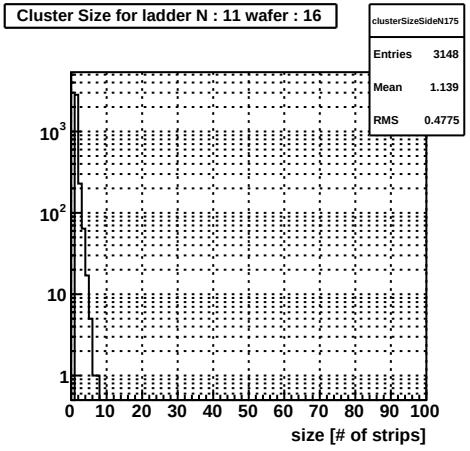

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2315
Mean 1.193
RMS 0.5732
size [# of strips]

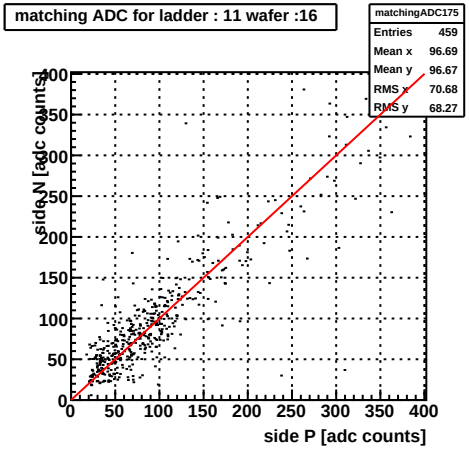

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 486
Mean x 81.42
Mean y 88.38
RMS x 63.63
RMS y 64.1
side N [adc counts]
side P [adc counts]

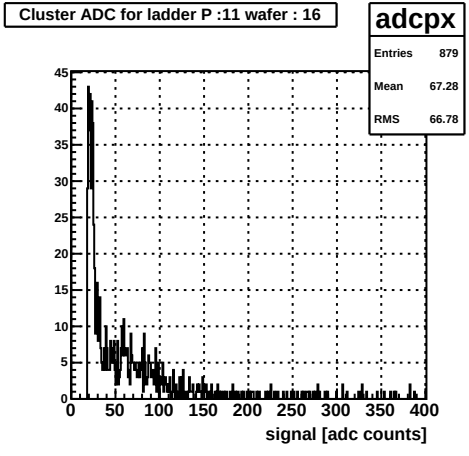

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 5135
Mean 32.23
RMS 30.28
signal [adc counts]

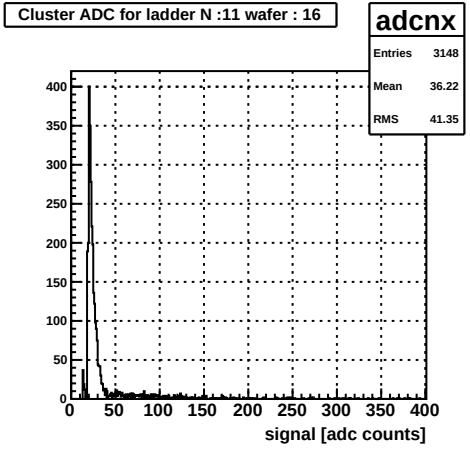

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2315
Mean 41.01
RMS 47.14
signal [adc counts]

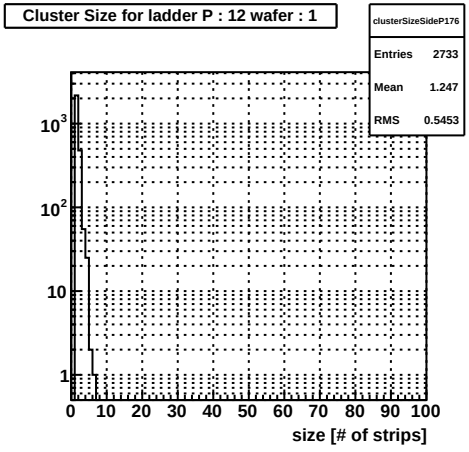

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 879
Mean 1.344
RMS 0.7559
size [# of strips]

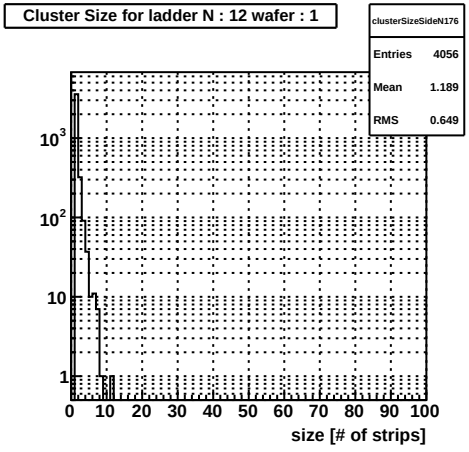

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 3148
Mean 1.139
RMS 0.4775
size [# of strips]

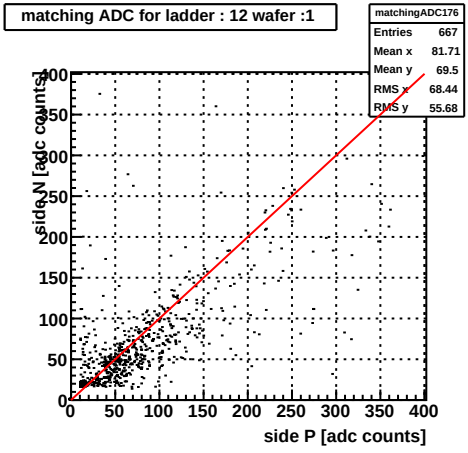

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 459
Mean x 96.69
Mean y 96.67
RMS x 70.68
RMS y 68.27
side N [adc counts]
side P [adc counts]

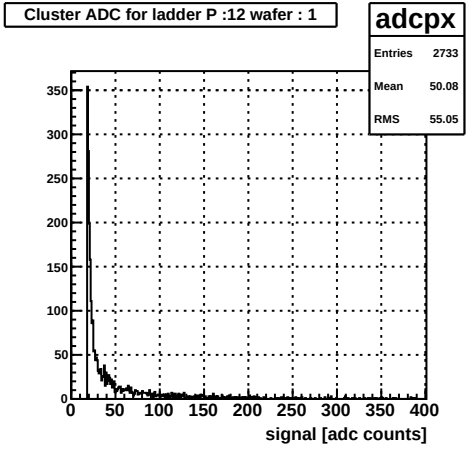

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 879
Mean 67.28
RMS 66.78
signal [adc counts]

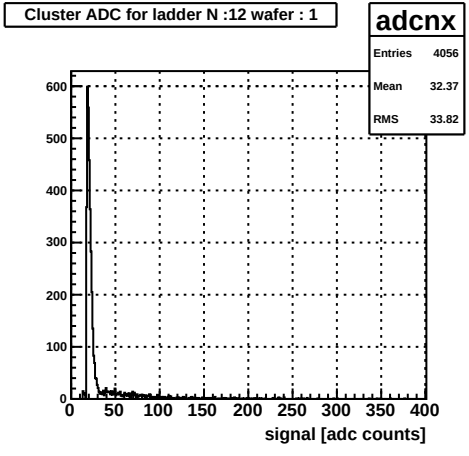

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 3148
Mean 36.22
RMS 41.35
signal [adc counts]

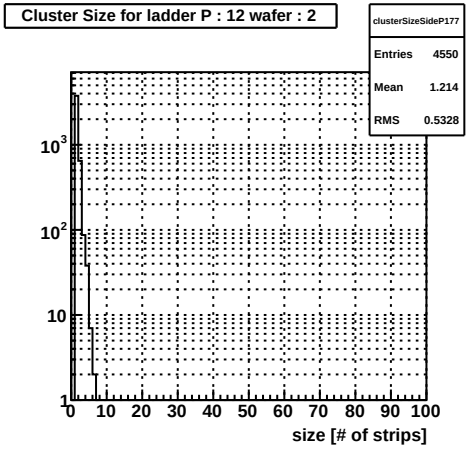

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 2733
Mean 1.247
RMS 0.5453
size [# of strips]

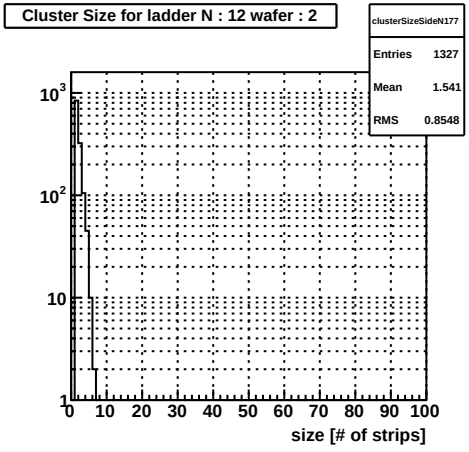

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 4056
Mean 1.189
RMS 0.649
size [# of strips]

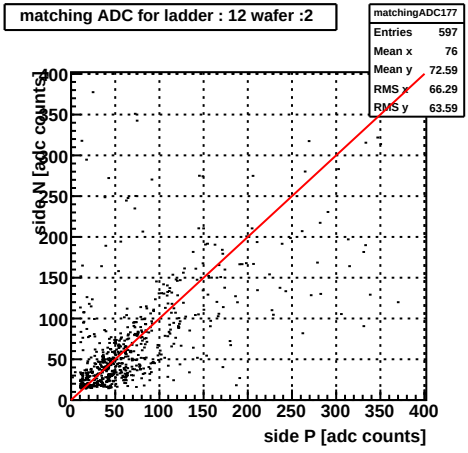

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 667
Mean x 81.71
Mean y 69.5
RMS x 68.44
RMS y 55.68
side N [adc counts]
side P [adc counts]

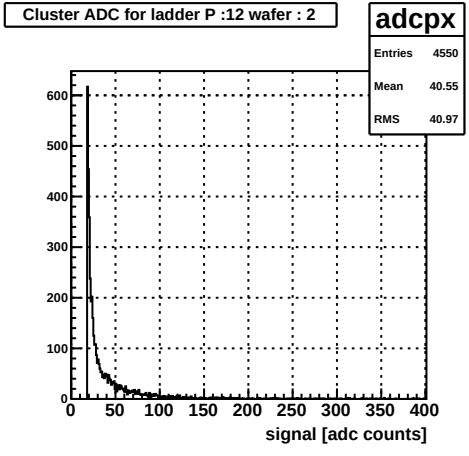

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 2733
Mean 50.08
RMS 55.05
signal [adc counts]

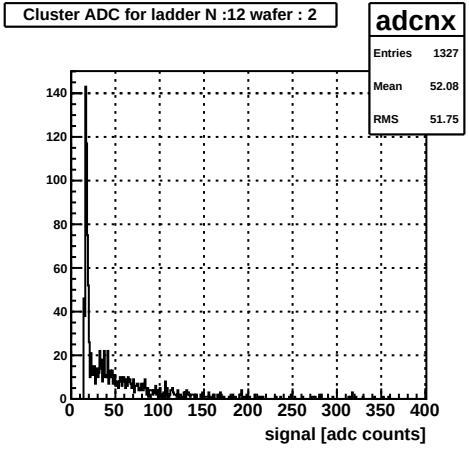

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 4056
Mean 32.37
RMS 33.82
signal [adc counts]

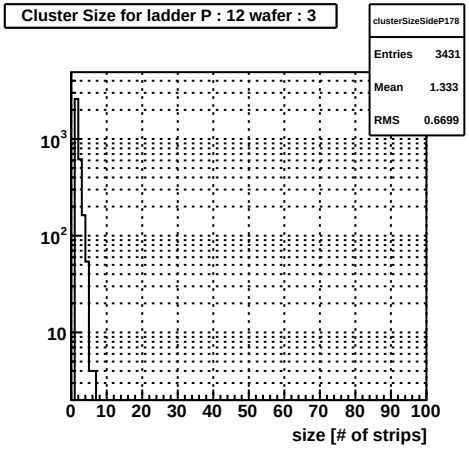

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4550
Mean 1.214
RMS 0.5328
size [# of strips]

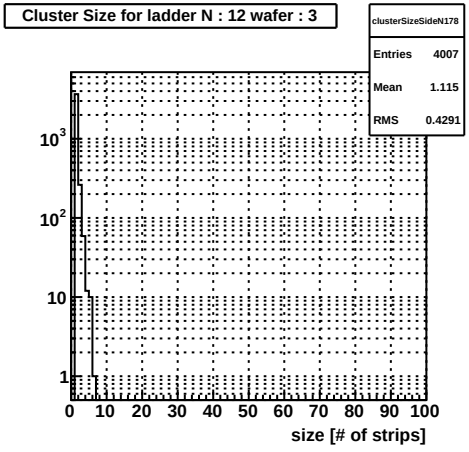

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1327
Mean 1.541
RMS 0.8548
size [# of strips]

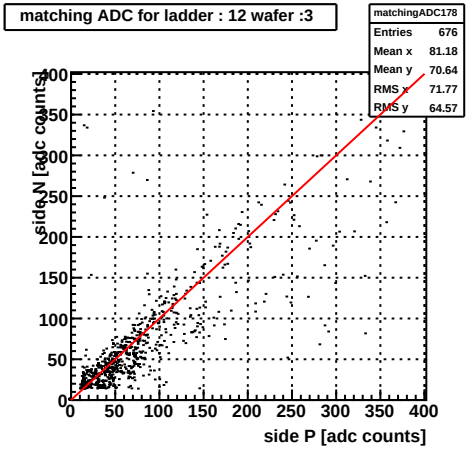

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 597
Mean x 76
Mean y 72.59
RMS x 66.29
RMS y 63.59
side N [adc counts]
side P [adc counts]

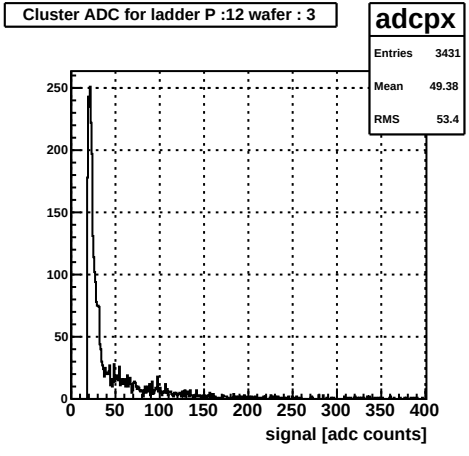

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4550
Mean 40.55
RMS 40.97
signal [adc counts]

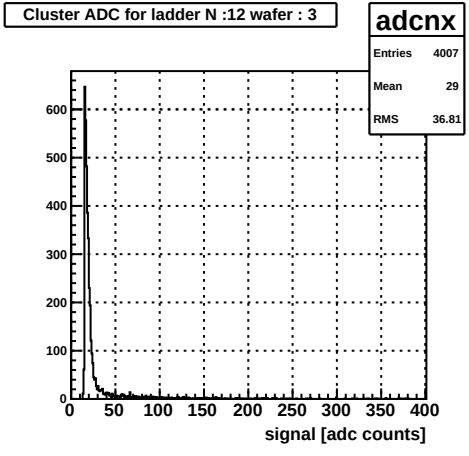

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1327
Mean 52.08
RMS 51.75
signal [adc counts]

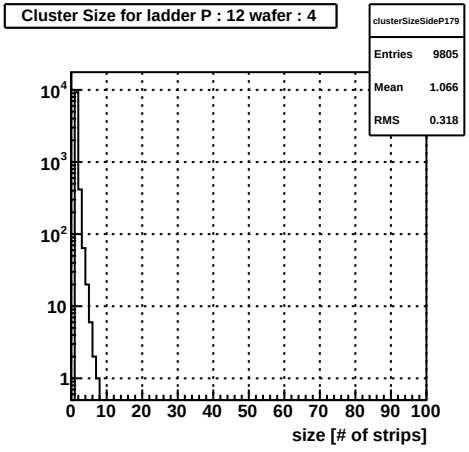

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3431
Mean 1.333
RMS 0.6699
size [# of strips]

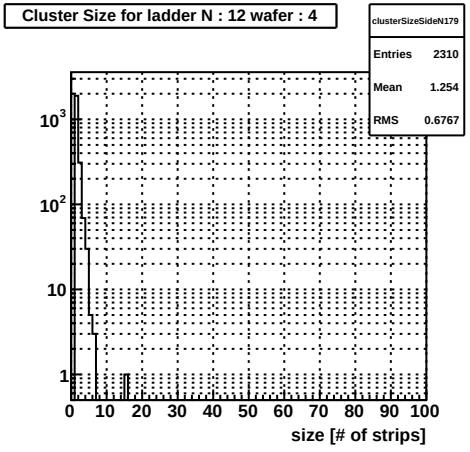

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 4007
Mean 1.115
RMS 0.4291
size [# of strips]

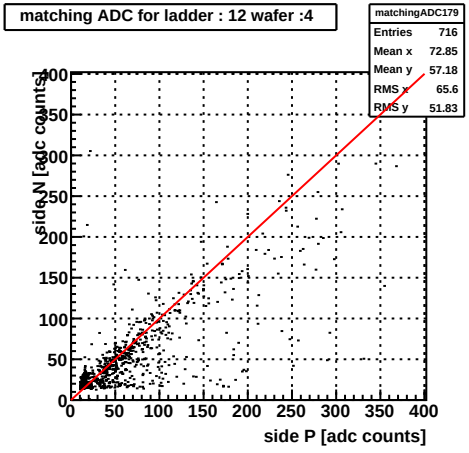

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 676
Mean x 81.18
Mean y 70.64
RMS x 71.77
RMS y 64.57
side N [adc counts]
side P [adc counts]

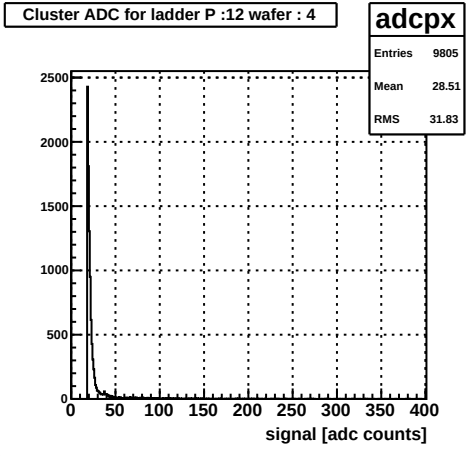

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3431
Mean 49.38
RMS 53.4
signal [adc counts]

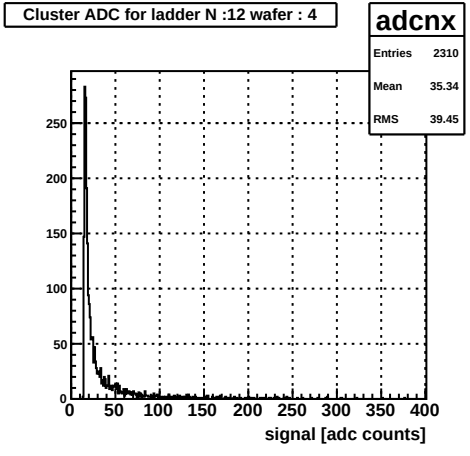

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 4007
Mean 29
RMS 36.81
signal [adc counts]

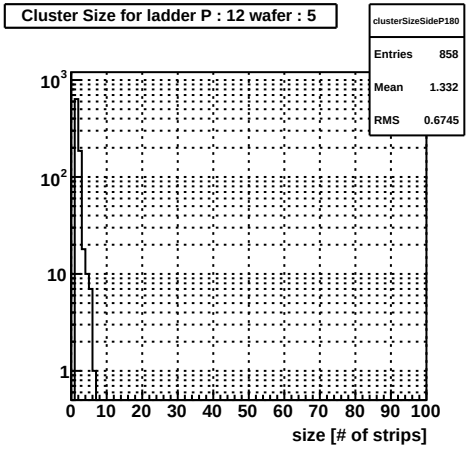

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 9805
Mean 1.066
RMS 0.318
size [# of strips]

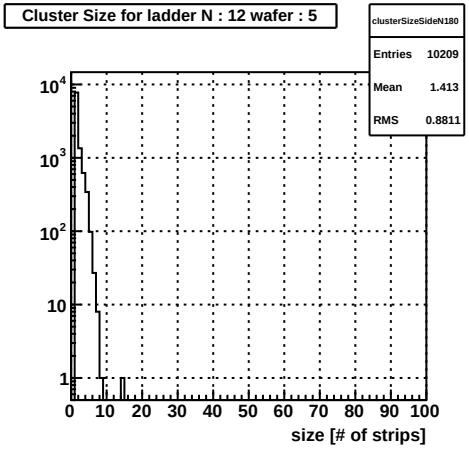

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 2310
Mean 1.254
RMS 0.6767
size [# of strips]

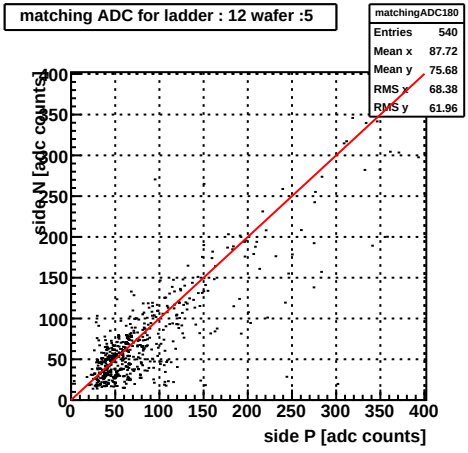

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 716
Mean x 72.85
Mean y 57.18
RMS x 65.6
RMS y 51.83
side N [adc counts]
side P [adc counts]

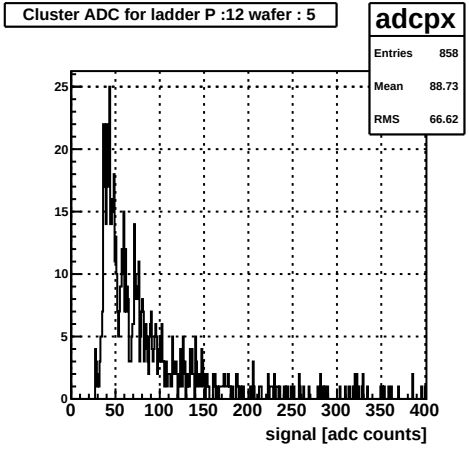

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 9805
Mean 28.51
RMS 31.83
signal [adc counts]

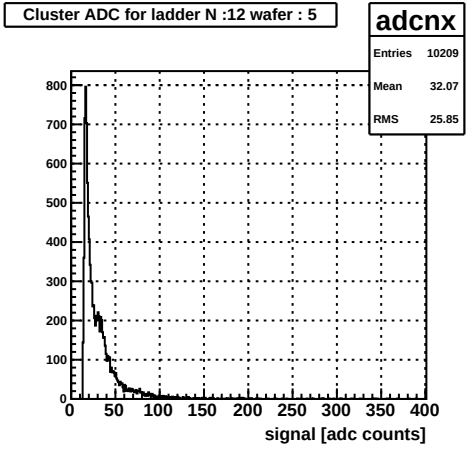

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 2310
Mean 35.34
RMS 39.45
signal [adc counts]

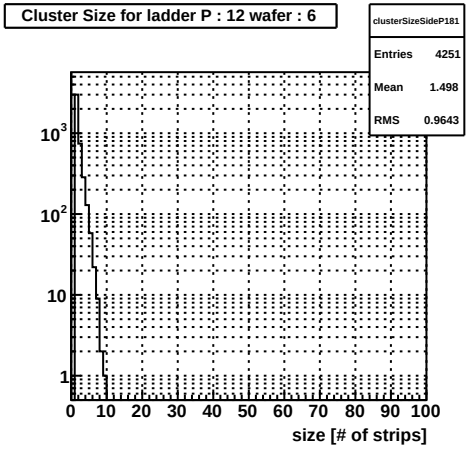

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 858
Mean 1.332
RMS 0.6745
size [# of strips]

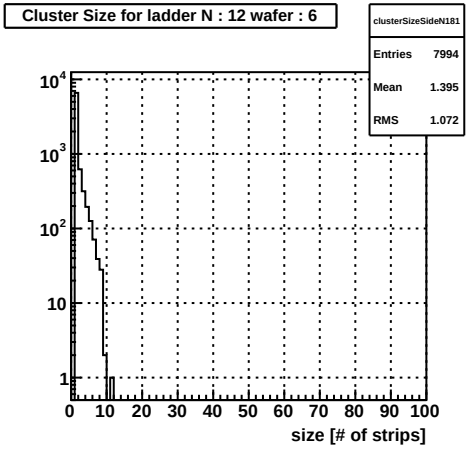

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 10209
Mean 1.413
RMS 0.8811
size [# of strips]

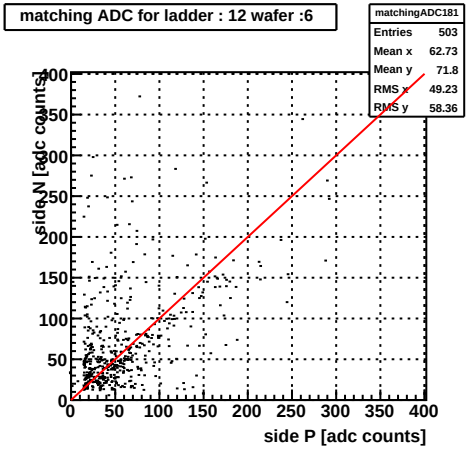

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 540
Mean x 87.72
Mean y 75.68
RMS x 68.38
RMS y 61.96
side N [adc counts]
side P [adc counts]

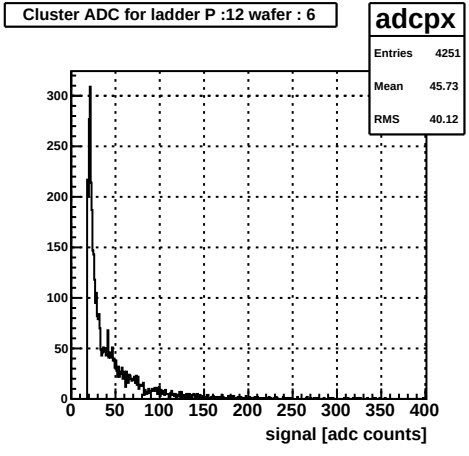

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 858
Mean 88.73
RMS 66.62
signal [adc counts]

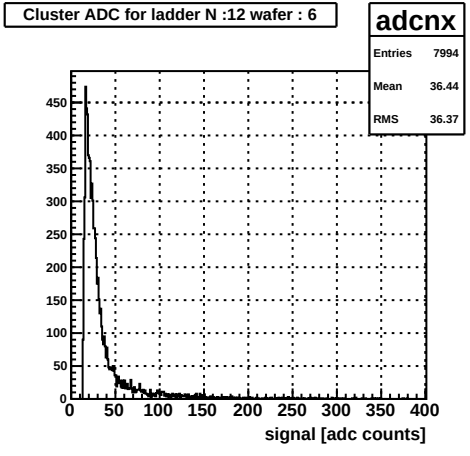

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 10209
Mean 32.07
RMS 25.85
signal [adc counts]

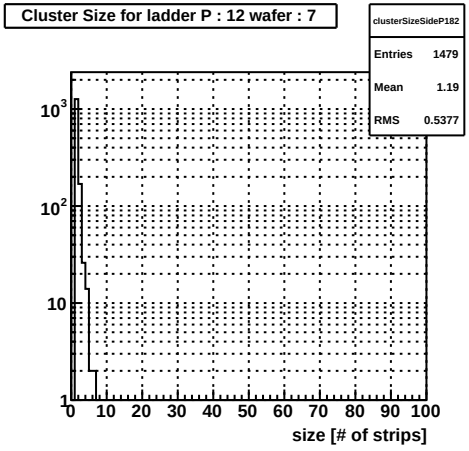

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 4251
Mean 1.498
RMS 0.9643
size [# of strips]

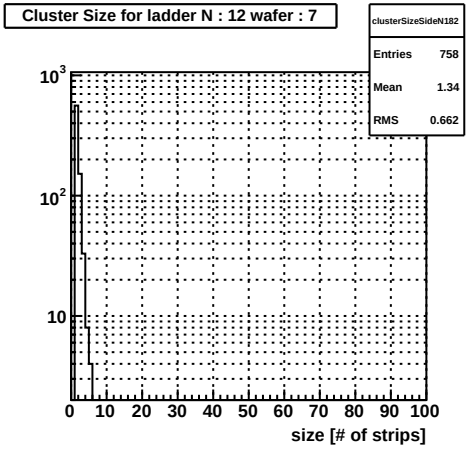

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 7994
Mean 1.395
RMS 1.072
size [# of strips]

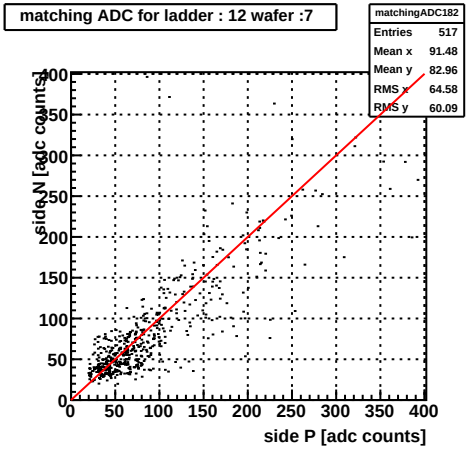

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 503
Mean x 62.73
Mean y 71.8
RMS x 49.23
RMS y 58.36
side N [adc counts]
side P [adc counts]

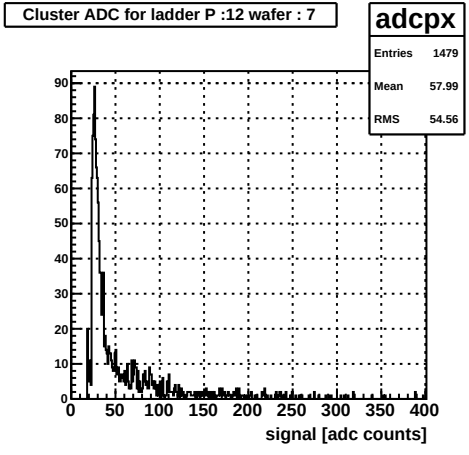

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 4251
Mean 45.73
RMS 40.12
signal [adc counts]

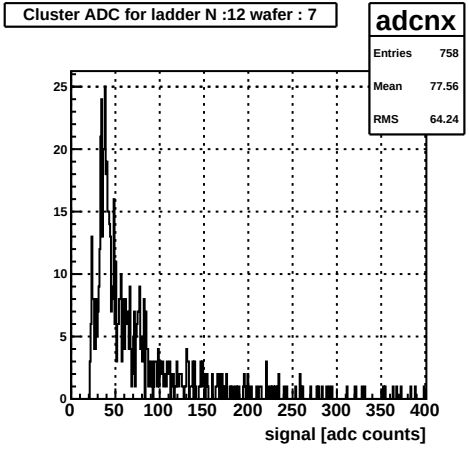

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 7994
Mean 36.44
RMS 36.37
signal [adc counts]

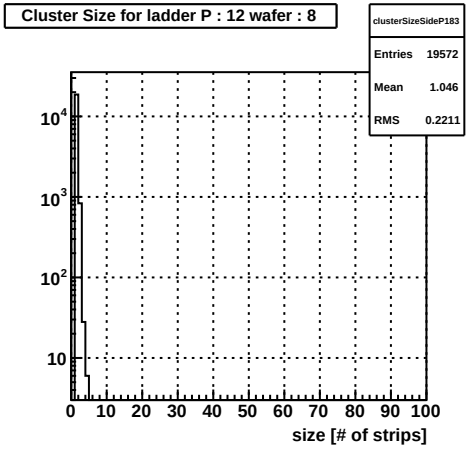

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 1479
Mean 1.19
RMS 0.5377
size [# of strips]

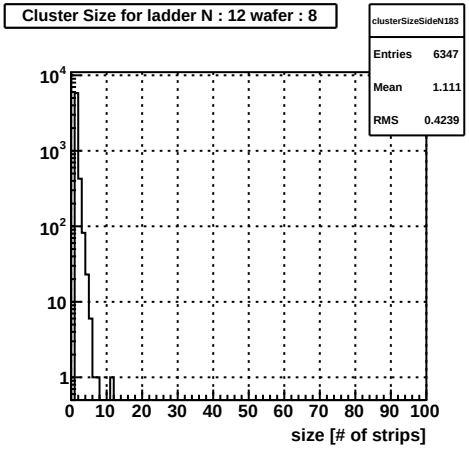

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 758
Mean 1.34
RMS 0.662
size [# of strips]

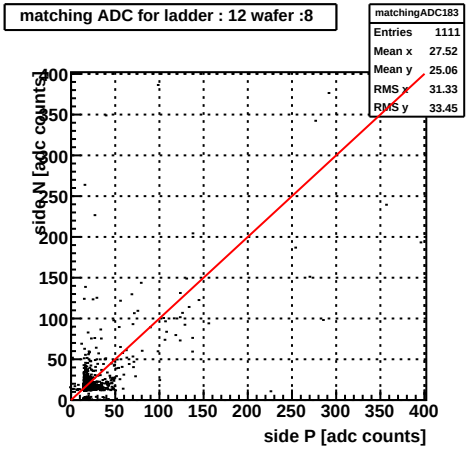

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 517
Mean x 91.48
Mean y 82.96
RMS x 64.58
RMS y 60.09
side N [adc counts]
side P [adc counts]

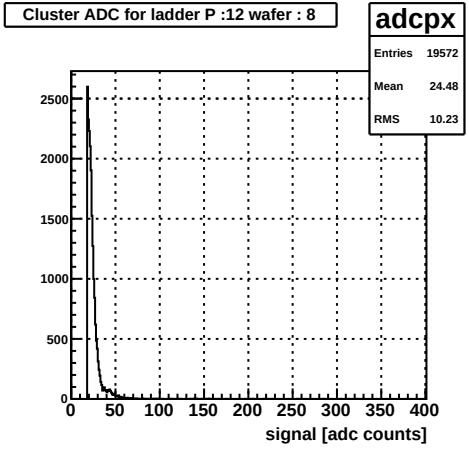

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 1479
Mean 57.99
RMS 54.56
signal [adc counts]

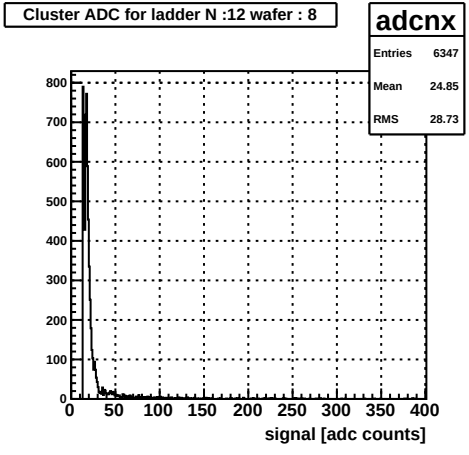

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 758
Mean 77.56
RMS 64.24
signal [adc counts]

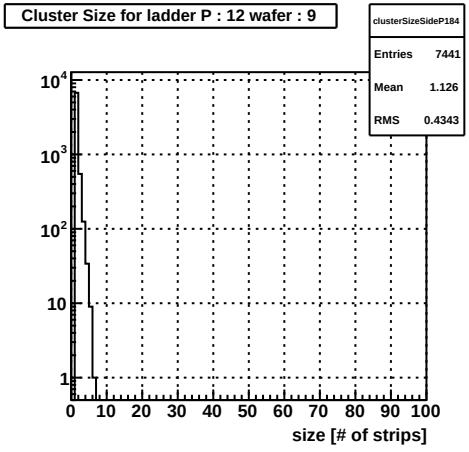

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 19572
Mean 1.046
RMS 0.2211
size [# of strips]

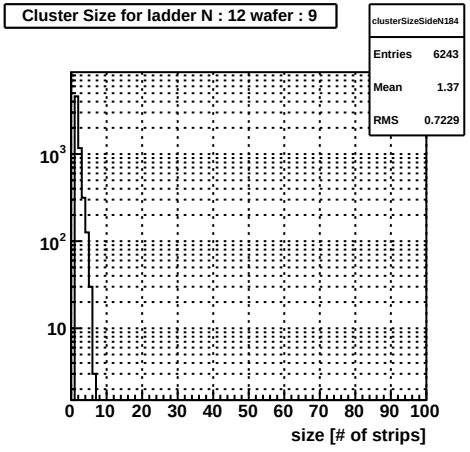

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 6347
Mean 1.111
RMS 0.4239
size [# of strips]

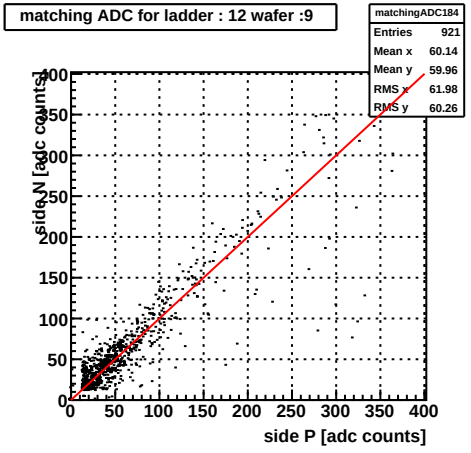

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 1111
Mean x 27.52
Mean y 25.06
RMS x 31.33
RMS y 33.45
side N [adc counts]
side P [adc counts]

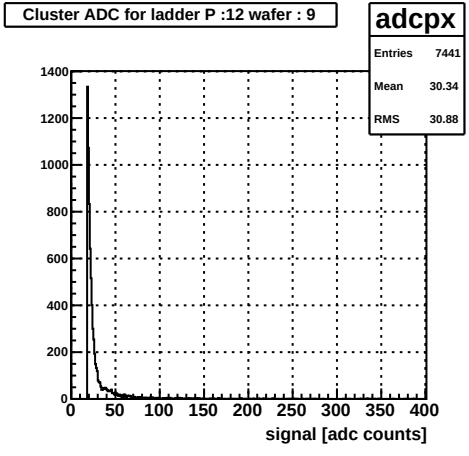

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 19572
Mean 24.48
RMS 10.23
signal [adc counts]

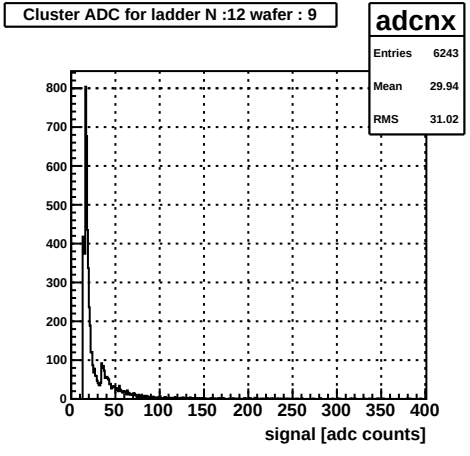

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 6347
Mean 24.85
RMS 28.73
signal [adc counts]

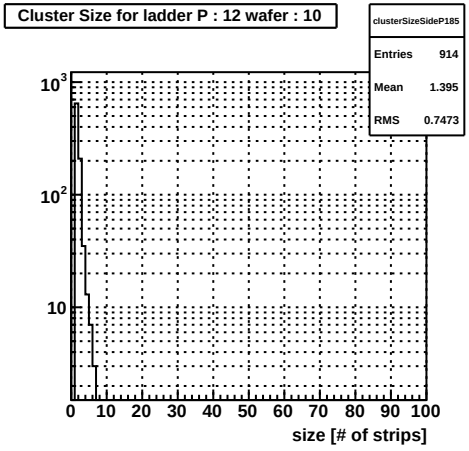

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 7441
Mean 1.126
RMS 0.4343
size [# of strips]

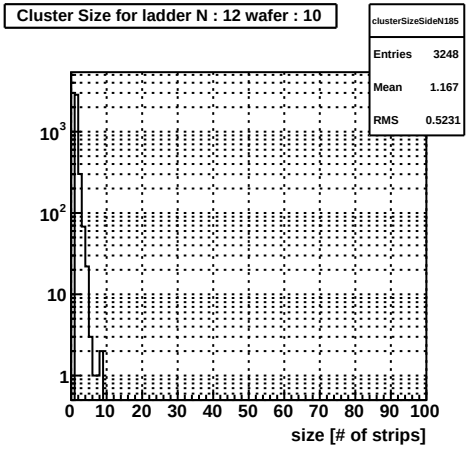

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 6243
Mean 1.37
RMS 0.7229
size [# of strips]

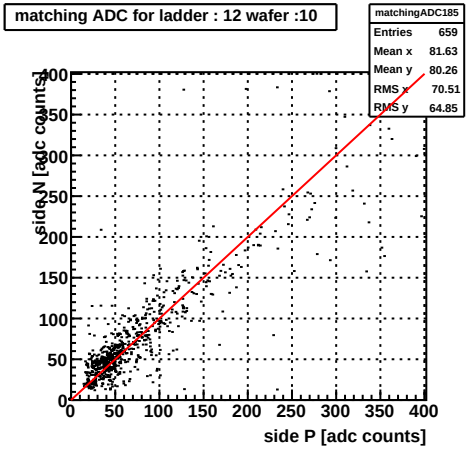

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 921
Mean x 60.14
Mean y 59.96
RMS x 61.98
RMS y 60.26
side N [adc counts]
side P [adc counts]

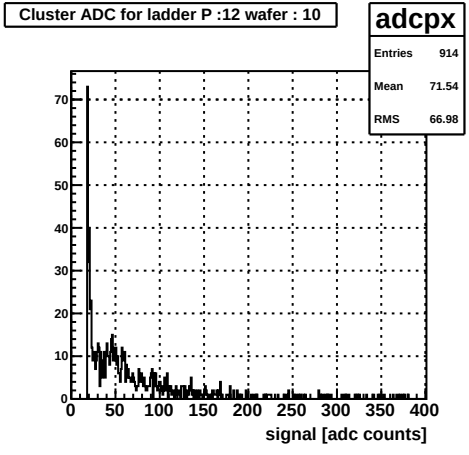

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 7441
Mean 30.34
RMS 30.88
signal [adc counts]

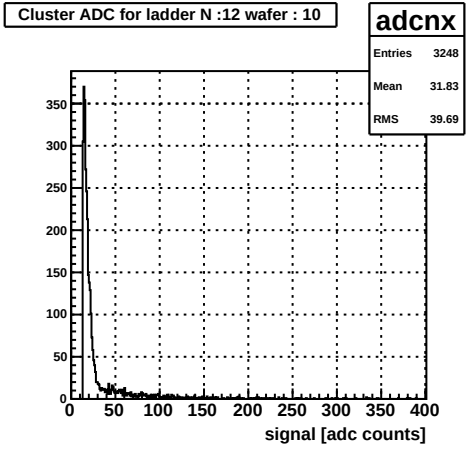

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 6243
Mean 29.94
RMS 31.02
signal [adc counts]

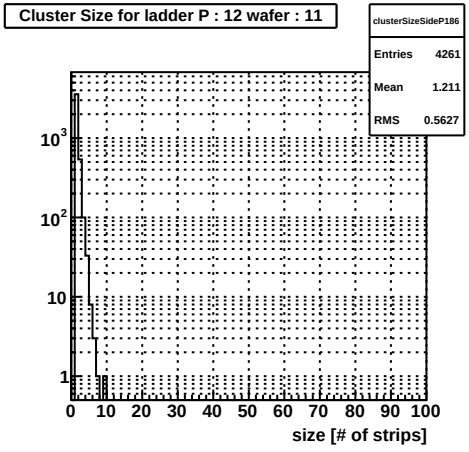

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 914
Mean 1.395
RMS 0.7473
size [# of strips]

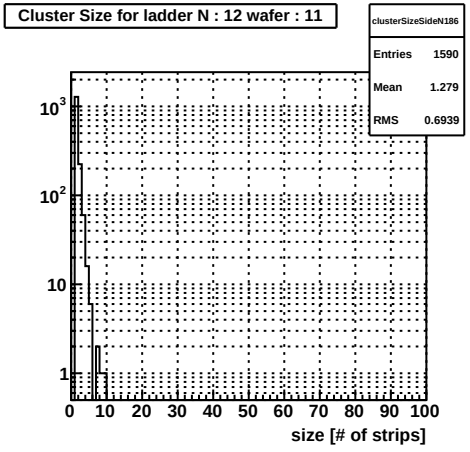

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 3248
Mean 1.167
RMS 0.5231
size [# of strips]

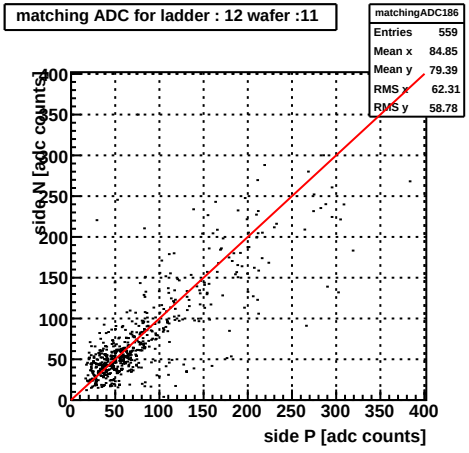

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 659
Mean x 81.63
Mean y 80.26
RMS x 70.51
RMS y 64.85
side N [adc counts]
side P [adc counts]

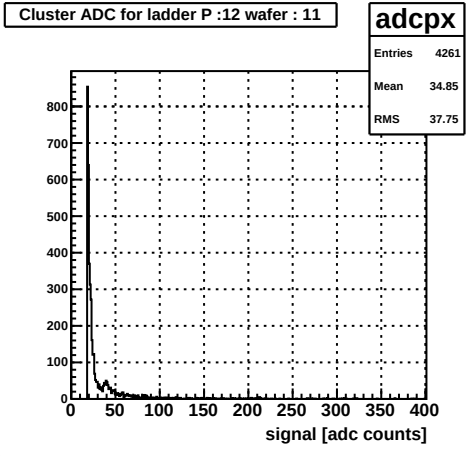

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 914
Mean 71.54
RMS 66.98
signal [adc counts]

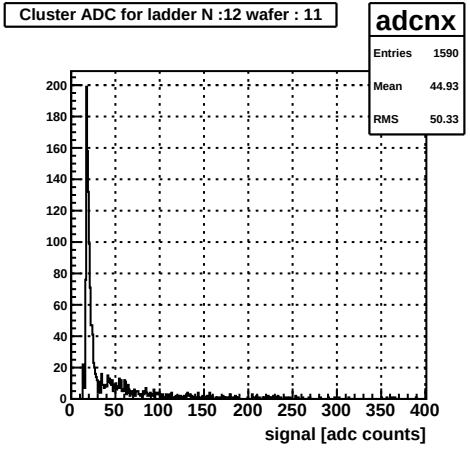

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 3248
Mean 31.83
RMS 39.69
signal [adc counts]

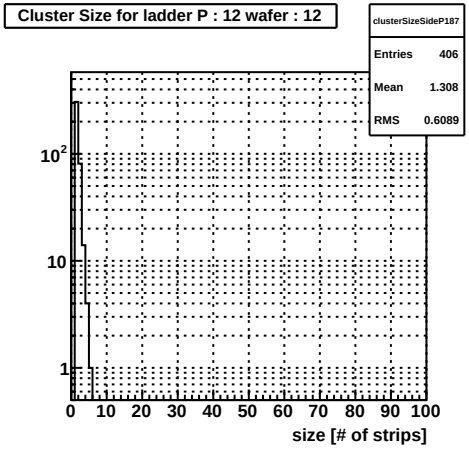

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 4261
Mean 1.211
RMS 0.5627
size [# of strips]

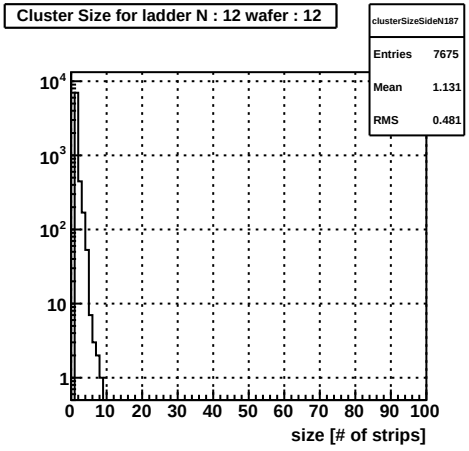

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1590
Mean 1.279
RMS 0.6939
size [# of strips]

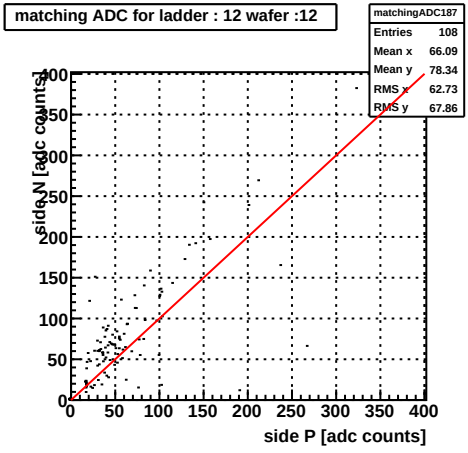

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 559
Mean x 84.85
Mean y 79.39
RMS x 62.31
RMS y 58.78
side N [adc counts]
side P [adc counts]

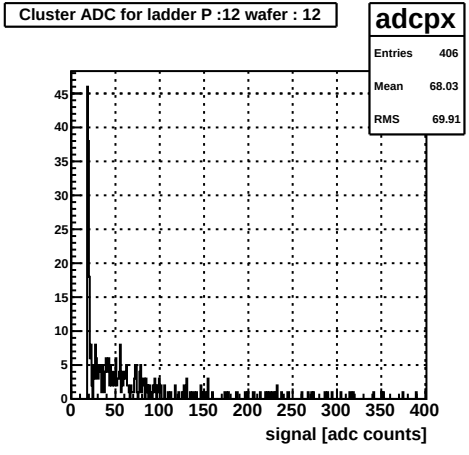

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 4261
Mean 34.85
RMS 37.75
signal [adc counts]

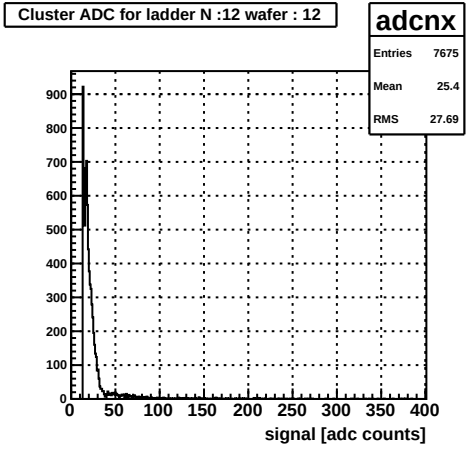

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1590
Mean 44.93
RMS 50.33
signal [adc counts]

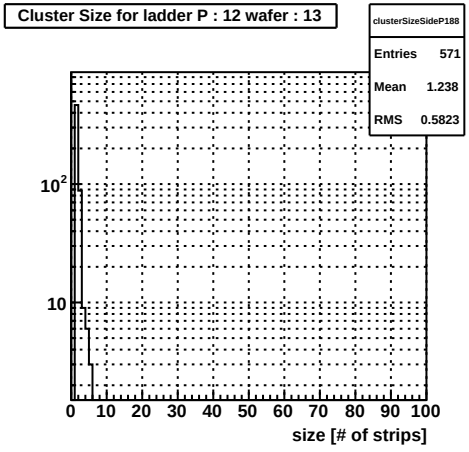

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 406
Mean 1.308
RMS 0.6089
size [# of strips]

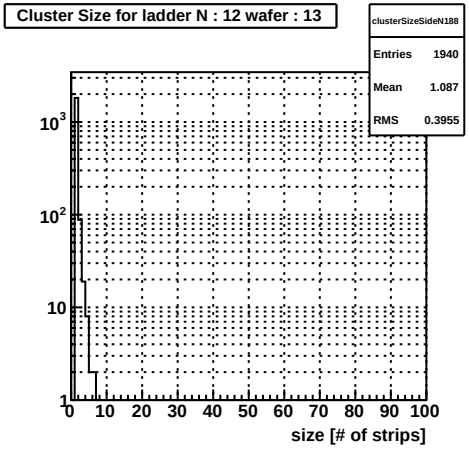

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 7675
Mean 1.131
RMS 0.481
size [# of strips]

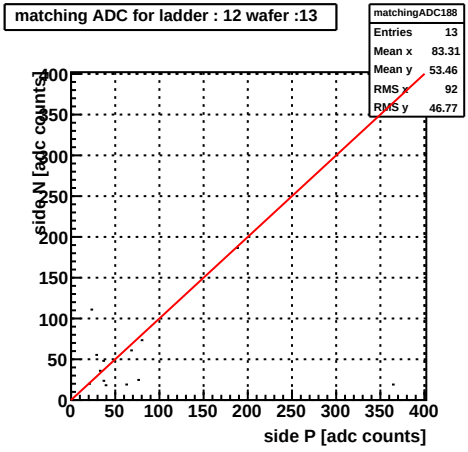

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 108
Mean x 66.09
Mean y 78.34
RMS x 62.73
RMS y 67.86
side N [adc counts]
side P [adc counts]

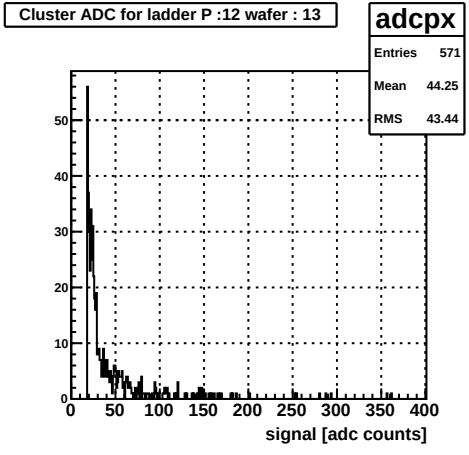

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 406
Mean 68.03
RMS 69.91
signal [adc counts]

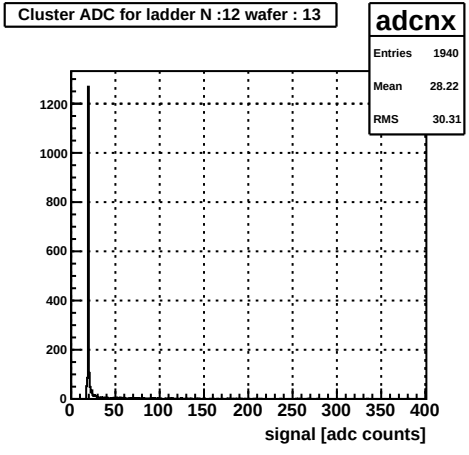

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 7675
Mean 25.4
RMS 27.69
signal [adc counts]

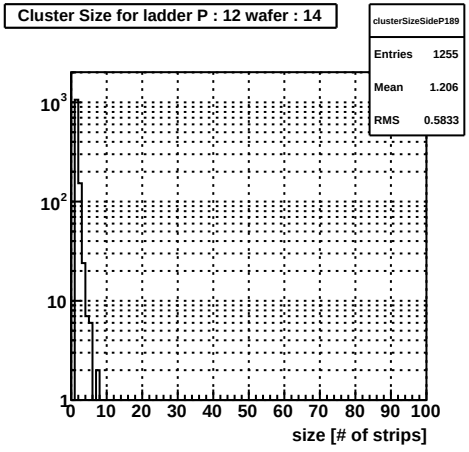

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 571
Mean 1.238
RMS 0.5823
size [# of strips]

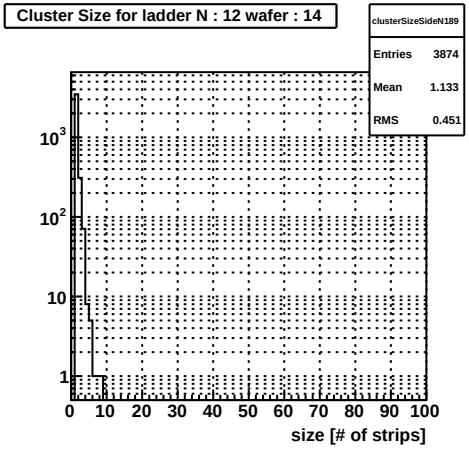

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 1940
Mean 1.087
RMS 0.3955
size [# of strips]

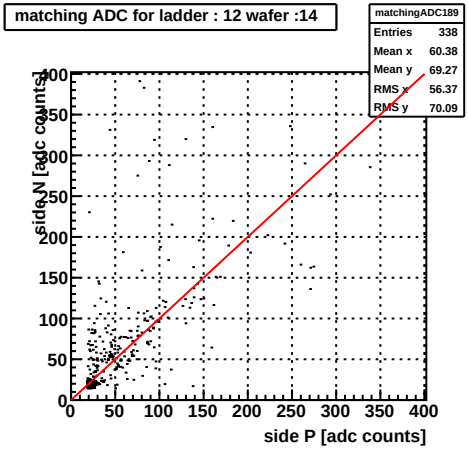

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 13
Mean x 83.31
Mean y 53.46
RMS x 92
RMS y 46.77
side N [adc counts]
side P [adc counts]

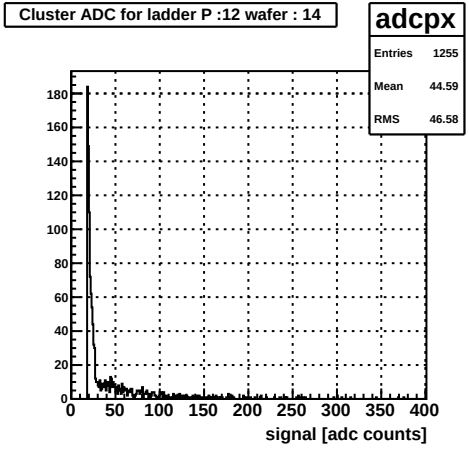

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 571
Mean 44.25
RMS 43.44
signal [adc counts]

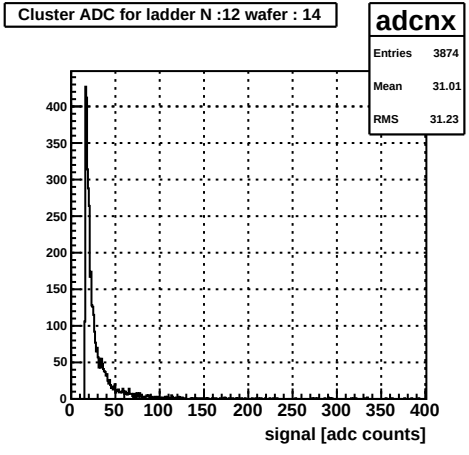

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 1940
Mean 28.22
RMS 30.31
signal [adc counts]

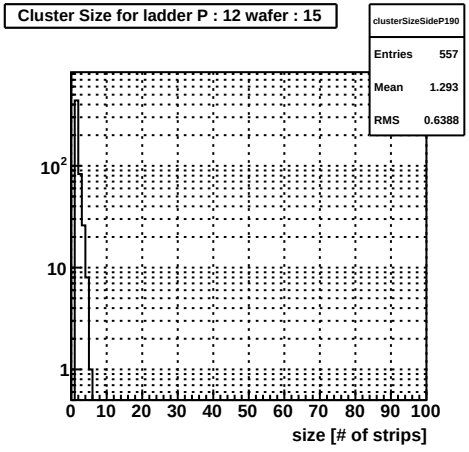

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 1255
Mean 1.206
RMS 0.5833
size [# of strips]

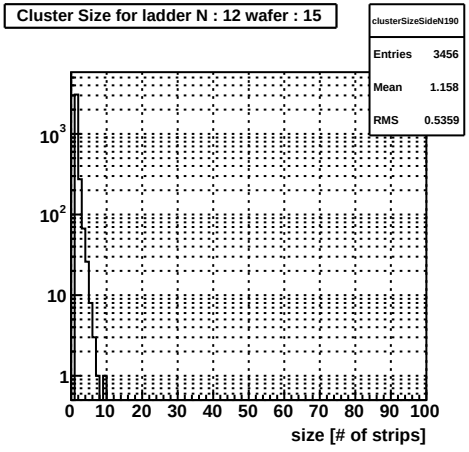

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 3874
Mean 1.133
RMS 0.451
size [# of strips]

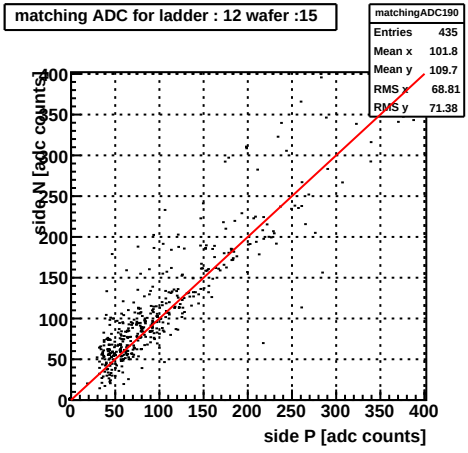

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 338
Mean x 60.38
Mean y 69.27
RMS x 56.37
RMS y 70.09
side N [adc counts]
side P [adc counts]

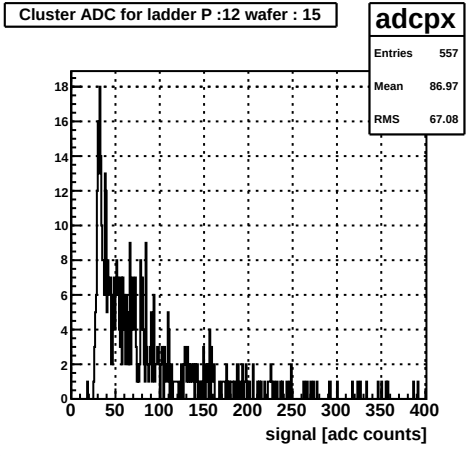

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 1255
Mean 44.59
RMS 46.58
signal [adc counts]

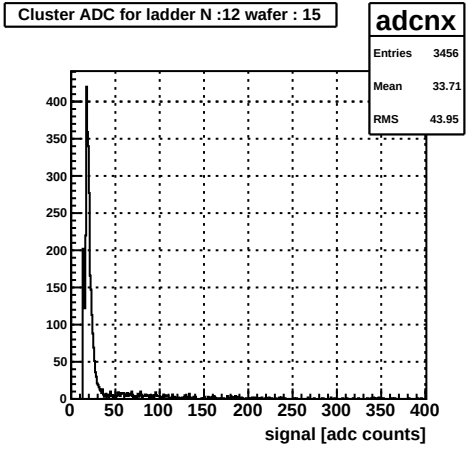

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 3874
Mean 31.01
RMS 31.23
signal [adc counts]

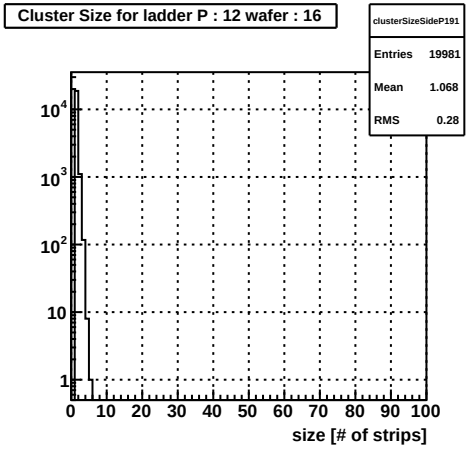

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 557
Mean 1.293
RMS 0.6388
size [# of strips]

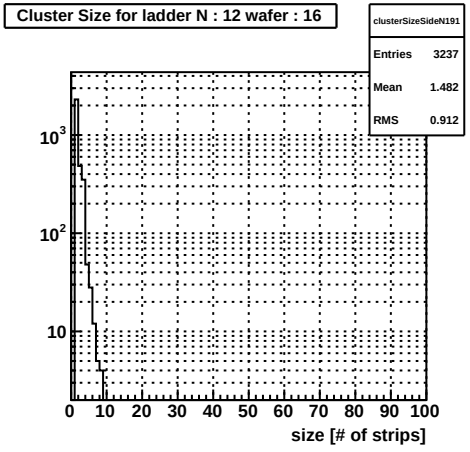

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 3456
Mean 1.158
RMS 0.5359
size [# of strips]

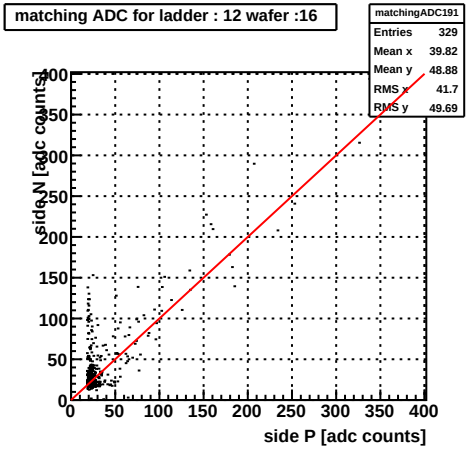

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 435
Mean x 101.8
Mean y 109.7
RMS x 68.81
RMS y 71.38
side N [adc counts]
side P [adc counts]

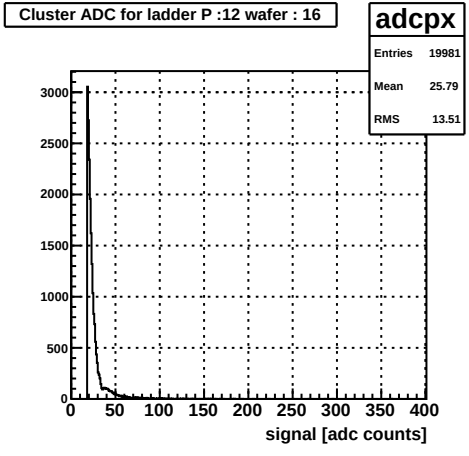

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 557
Mean 86.97
RMS 67.08
signal [adc counts]

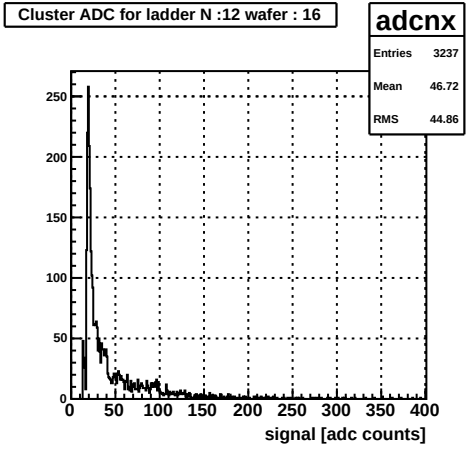

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 3456
Mean 33.71
RMS 43.95
signal [adc counts]

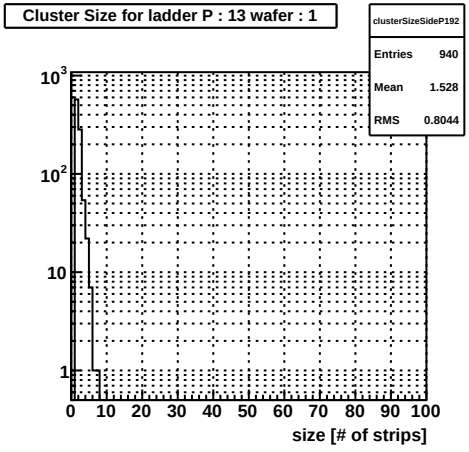

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 19981
Mean 1.068
RMS 0.28
size [# of strips]

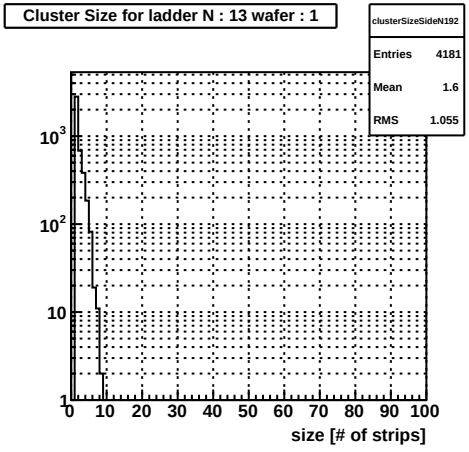

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3237
Mean 1.482
RMS 0.912
size [# of strips]

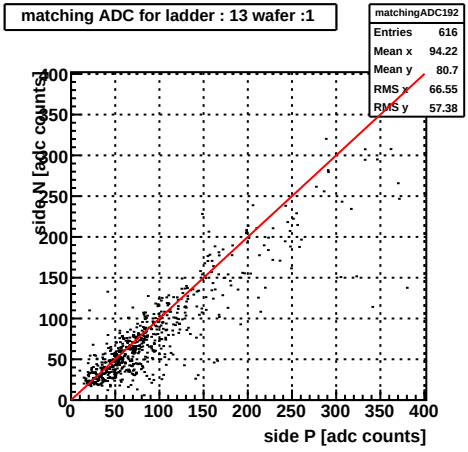

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 329
Mean x 39.82
Mean y 48.88
RMS x 41.7
RMS y 49.69
side N [adc counts]
side P [adc counts]

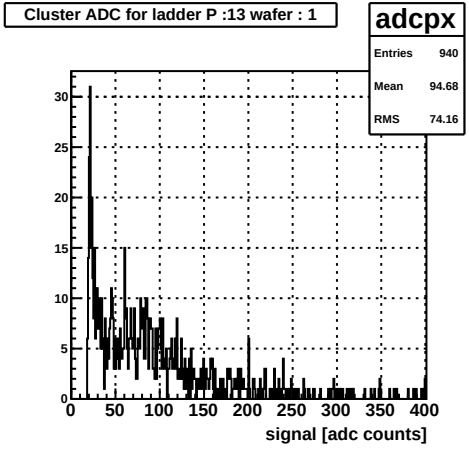

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 19981
Mean 25.79
RMS 13.51
signal [adc counts]

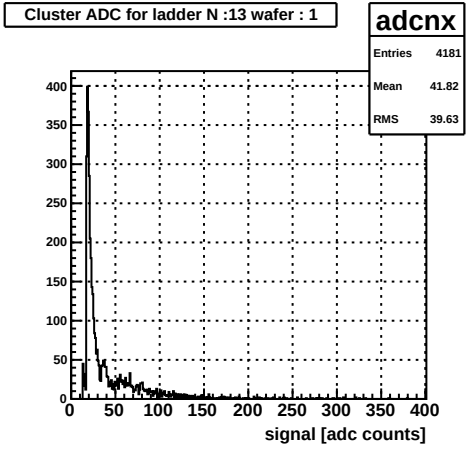

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3237
Mean 46.72
RMS 44.86
signal [adc counts]

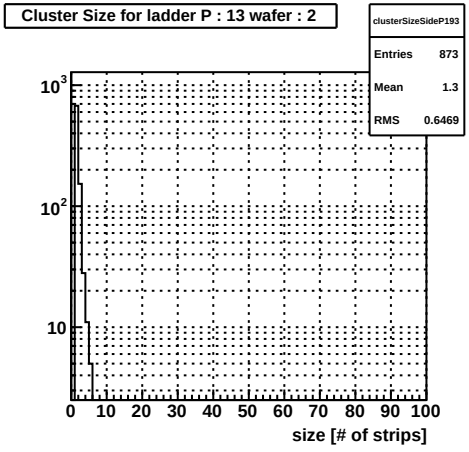

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 940
Mean 1.528
RMS 0.8044
size [# of strips]

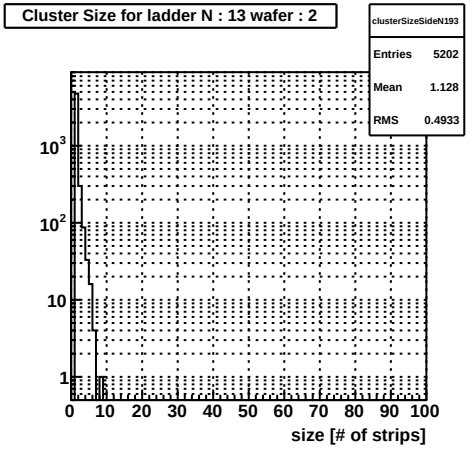

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 4181
Mean 1.6
RMS 1.055
size [# of strips]

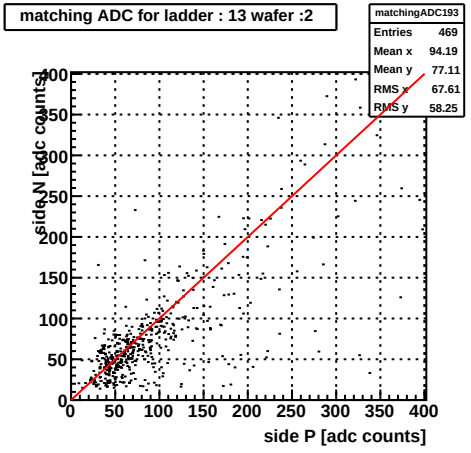

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 616
Mean x 94.22
Mean y 80.7
RMS x 66.55
RMS y 57.38
side N [adc counts]
side P [adc counts]

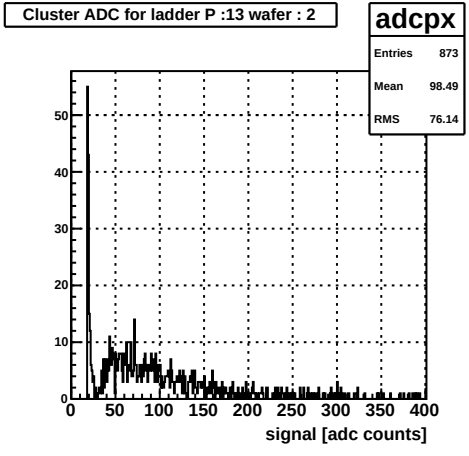

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 940
Mean 94.68
RMS 74.16
signal [adc counts]

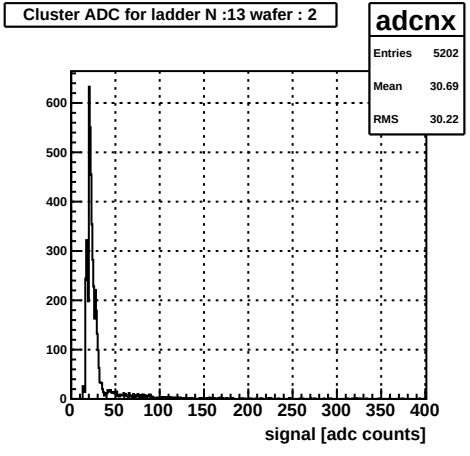

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 4181
Mean 41.82
RMS 39.63
signal [adc counts]

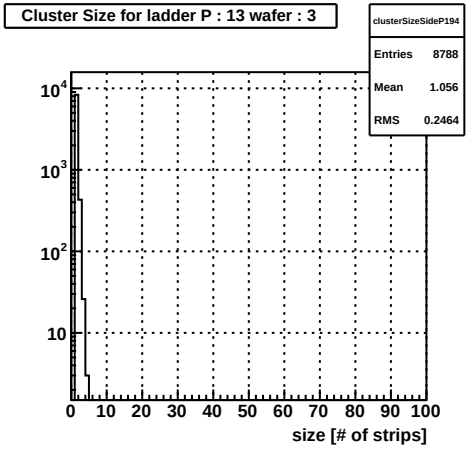

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 873
Mean 1.3
RMS 0.6469
size [# of strips]

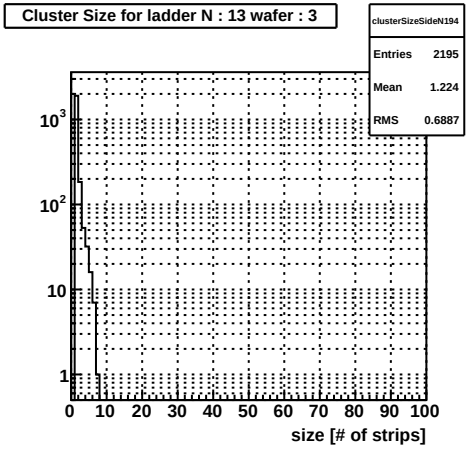

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 5202
Mean 1.128
RMS 0.4933
size [# of strips]

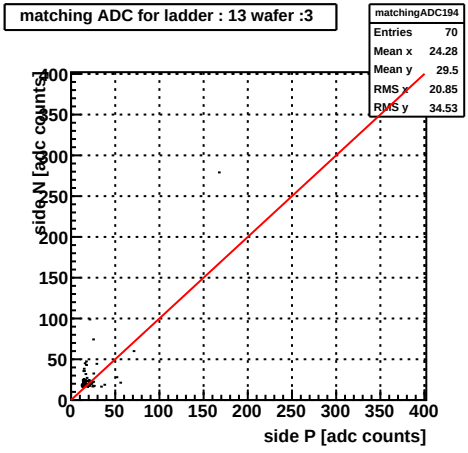

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 469
Mean x 94.19
Mean y 77.11
RMS x 67.61
RMS y 58.25
side N [adc counts]
side P [adc counts]

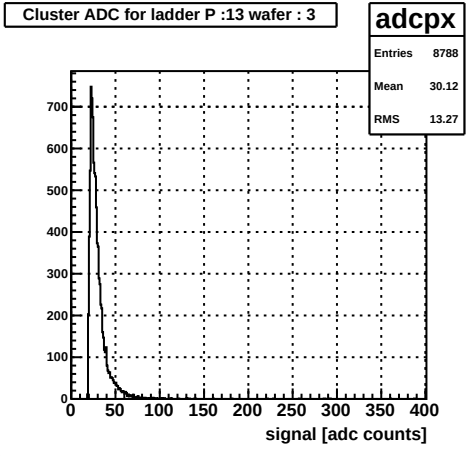

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 873
Mean 98.49
RMS 76.14
signal [adc counts]

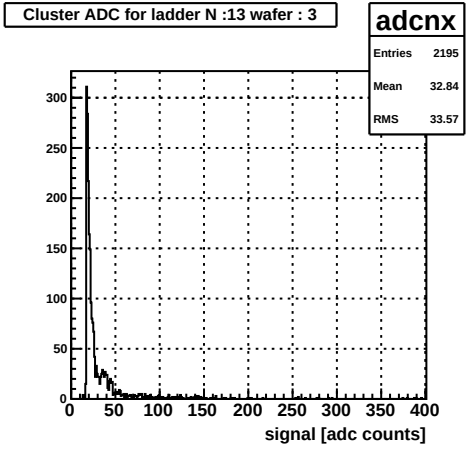

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 5202
Mean 30.69
RMS 30.22
signal [adc counts]

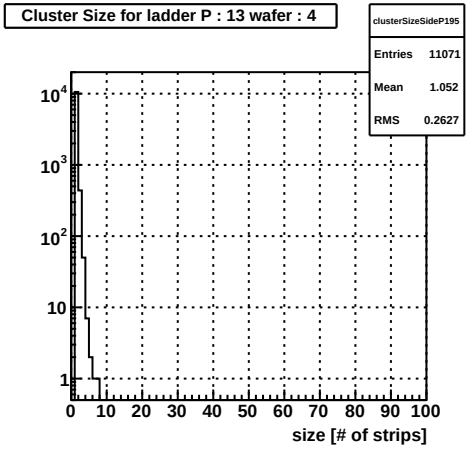

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 8788
Mean 1.056
RMS 0.2464
size [# of strips]

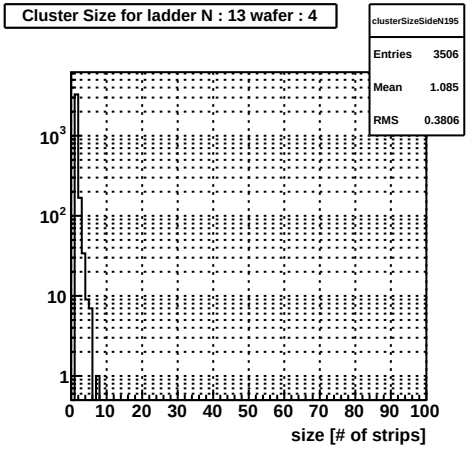

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2195
Mean 1.224
RMS 0.6887
size [# of strips]

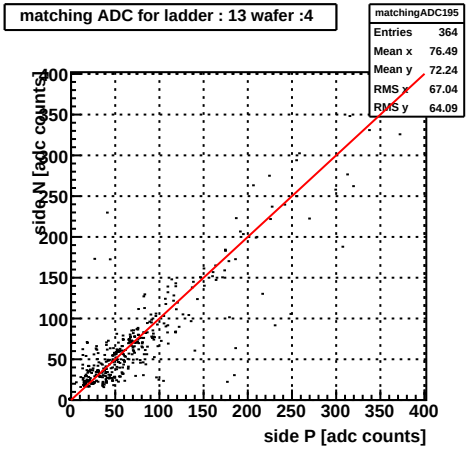

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 70
Mean x 24.28
Mean y 29.5
RMS x 20.85
RMS y 34.53
side N [adc counts]
side P [adc counts]

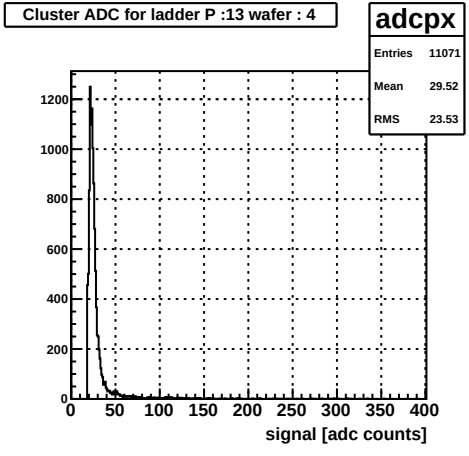

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 8788
Mean 30.12
RMS 13.27
signal [adc counts]

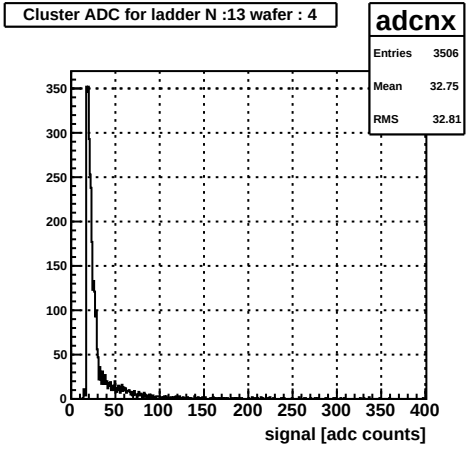

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2195
Mean 32.84
RMS 33.57
signal [adc counts]

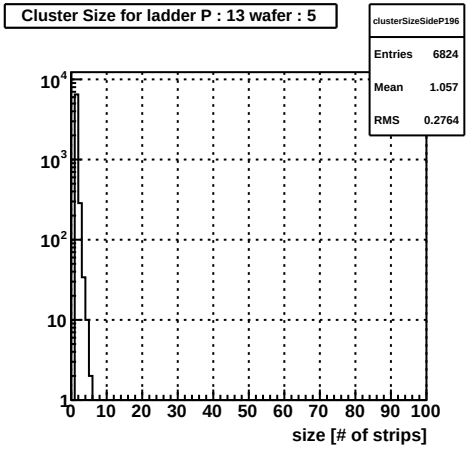

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 11071
Mean 1.052
RMS 0.2627
size [# of strips]

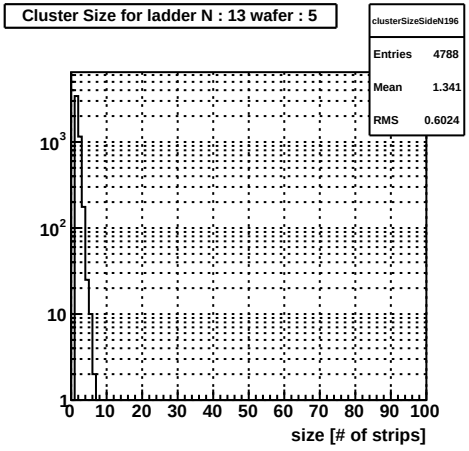

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 3506
Mean 1.085
RMS 0.3806
size [# of strips]

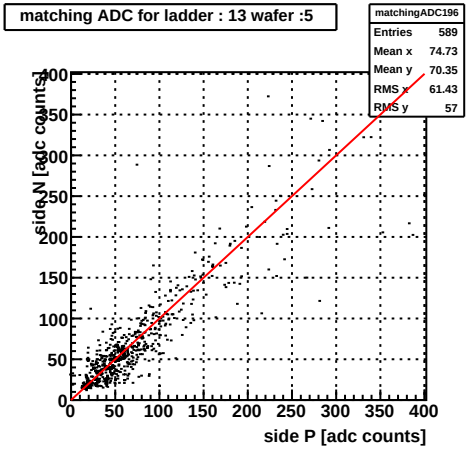

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 364
Mean x 76.49
Mean y 72.24
RMS x 67.04
RMS y 64.09
side N [adc counts]
side P [adc counts]

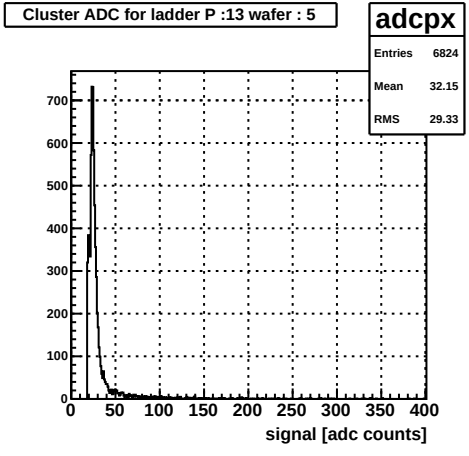

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 11071
Mean 29.52
RMS 23.53
signal [adc counts]

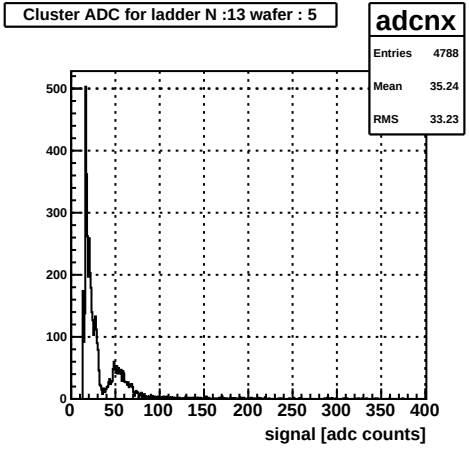

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 3506
Mean 32.75
RMS 32.81
signal [adc counts]

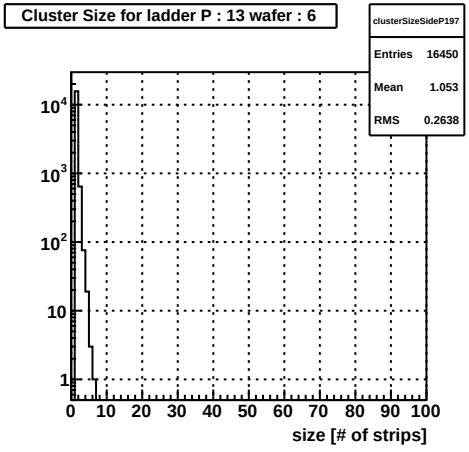

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 6824
Mean 1.057
RMS 0.2764
size [# of strips]

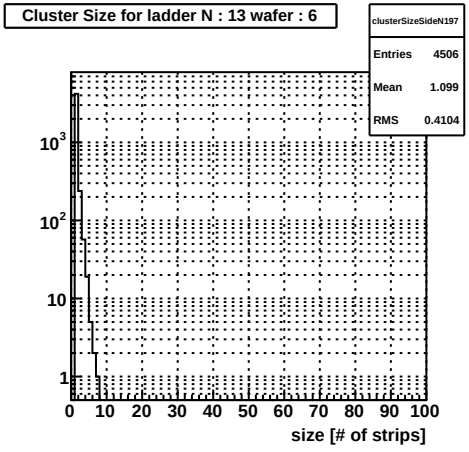

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 4788
Mean 1.341
RMS 0.6024
size [# of strips]

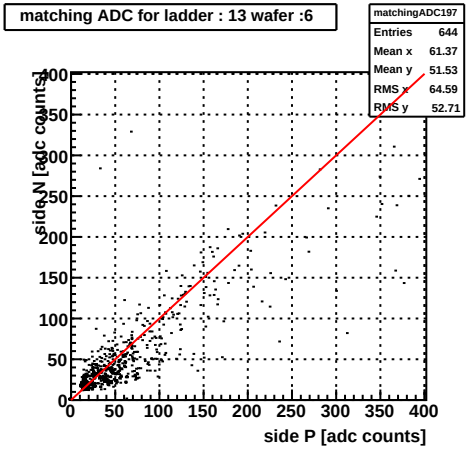

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 589
Mean x 74.73
Mean y 70.35
RMS x 61.43
RMS y 57
side N [adc counts]
side P [adc counts]

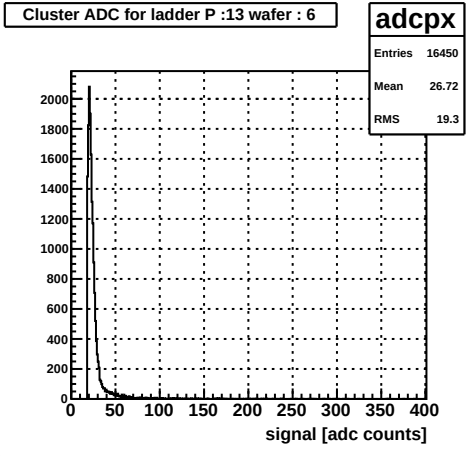

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 6824
Mean 32.15
RMS 29.33
signal [adc counts]

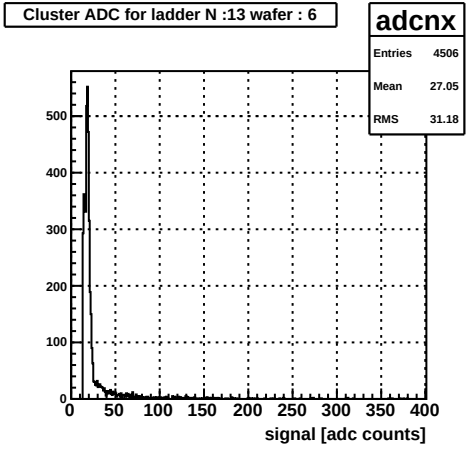

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 4788
Mean 35.24
RMS 33.23
signal [adc counts]

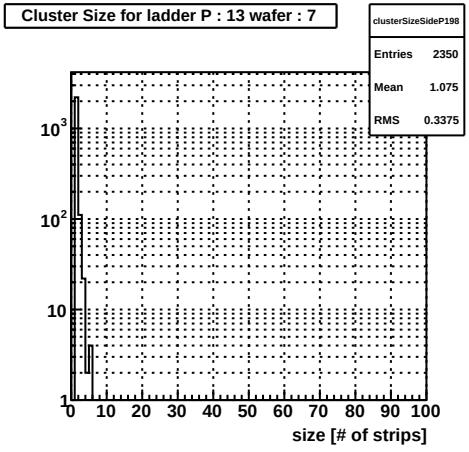

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 16450
Mean 1.053
RMS 0.2638
size [# of strips]

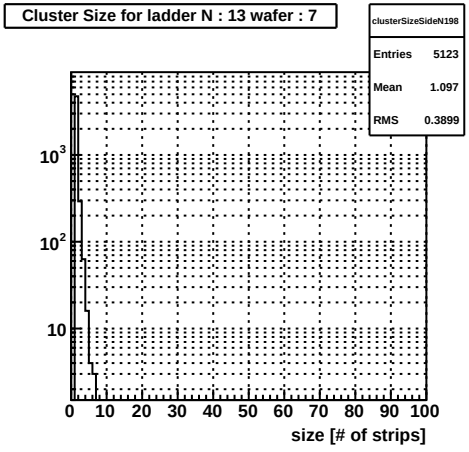

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 4506
Mean 1.099
RMS 0.4104
size [# of strips]

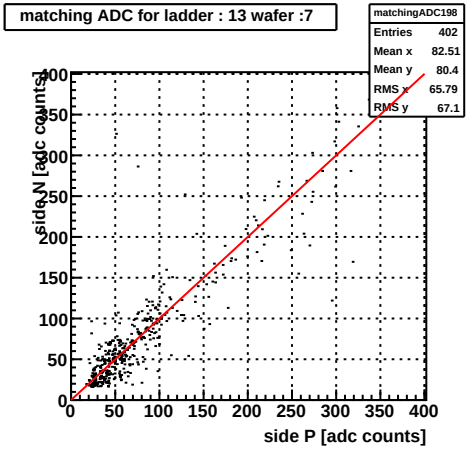

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 644
Mean x 61.37
Mean y 51.53
RMS x 64.59
RMS y 52.71
side N [adc counts]
side P [adc counts]

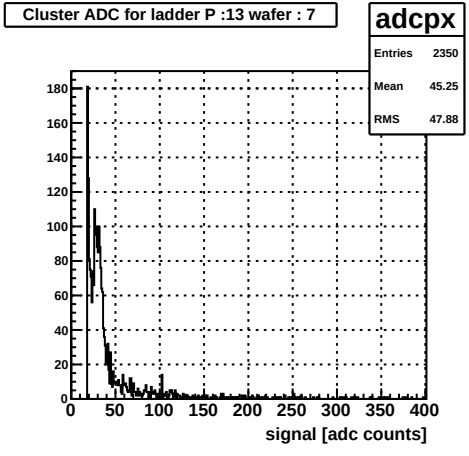

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 16450
Mean 26.72
RMS 19.3
signal [adc counts]

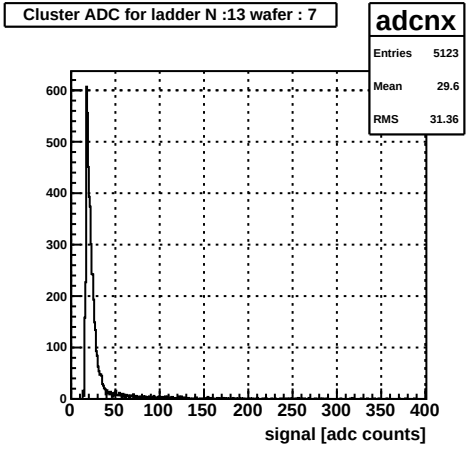

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 4506
Mean 27.05
RMS 31.18
signal [adc counts]

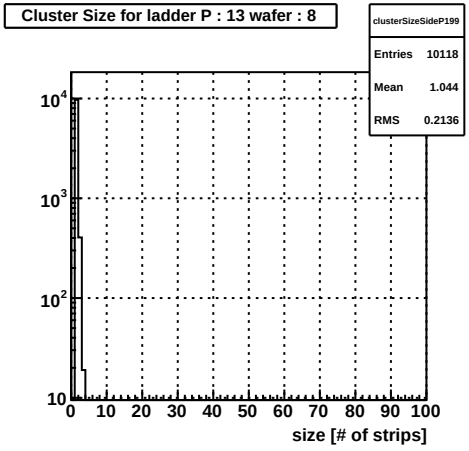

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2350
Mean 1.075
RMS 0.3375
size [# of strips]

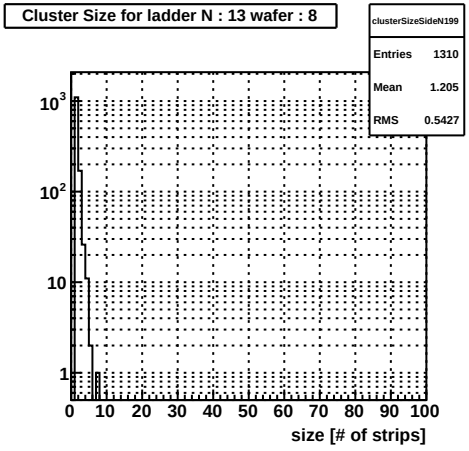

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 5123
Mean 1.097
RMS 0.3899
size [# of strips]

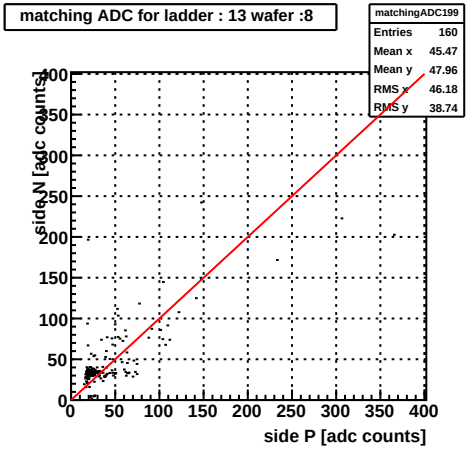

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 402
Mean x 82.51
Mean y 80.4
RMS x 65.79
RMS y 67.1
side N [adc counts]
side P [adc counts]

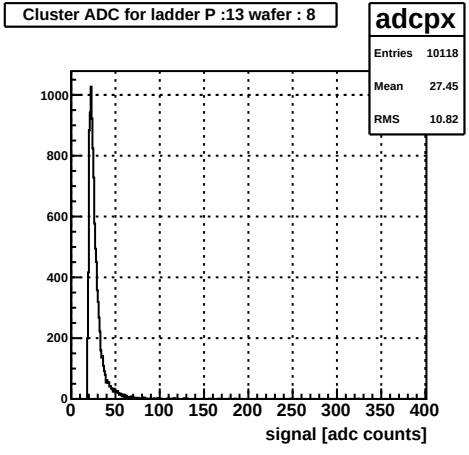

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2350
Mean 45.25
RMS 47.88
signal [adc counts]

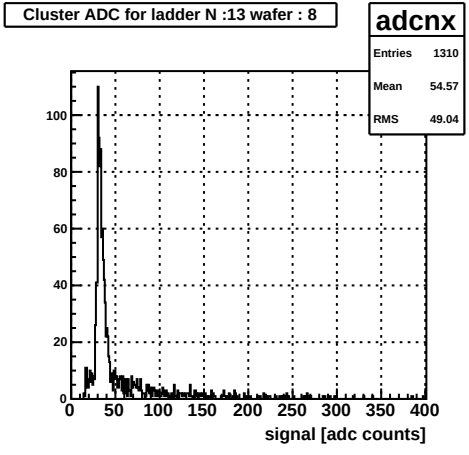

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 5123
Mean 29.6
RMS 31.36
signal [adc counts]

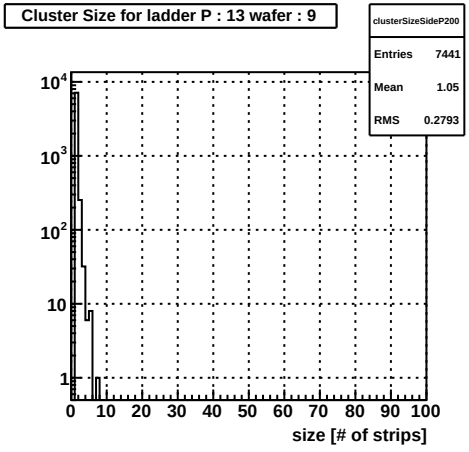

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 10118
Mean 1.044
RMS 0.2136
size [# of strips]

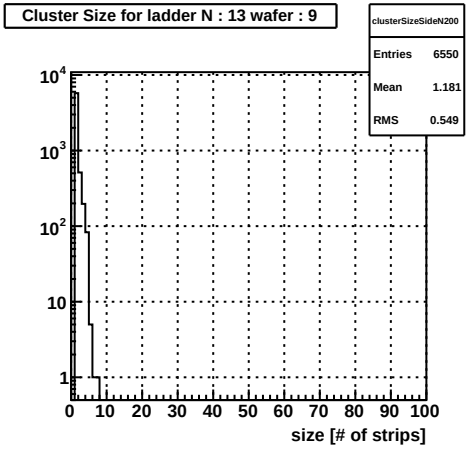

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 1310
Mean 1.205
RMS 0.5427
size [# of strips]

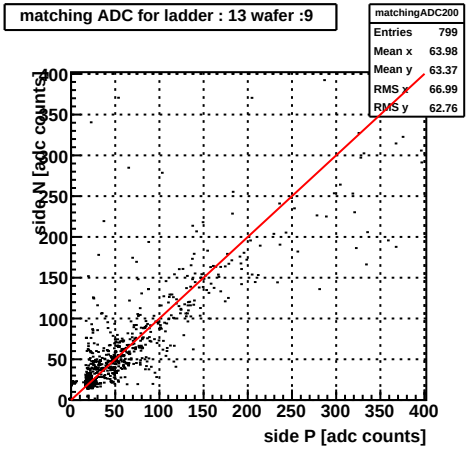

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 160
Mean x 45.47
Mean y 47.96
RMS x 46.18
RMS y 38.74
side N [adc counts]
side P [adc counts]

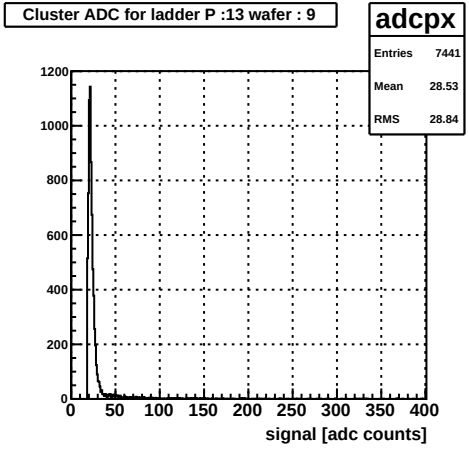

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 10118
Mean 27.45
RMS 10.82
signal [adc counts]

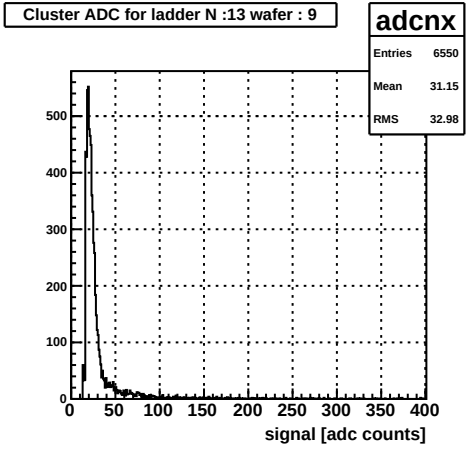

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 1310
Mean 54.57
RMS 49.04
signal [adc counts]

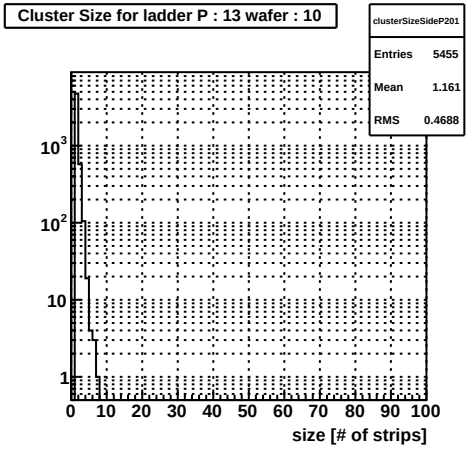

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 7441
Mean 1.05
RMS 0.2793
size [# of strips]

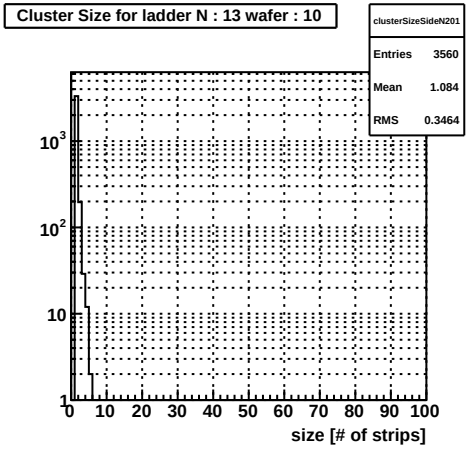

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 6550
Mean 1.181
RMS 0.549
size [# of strips]

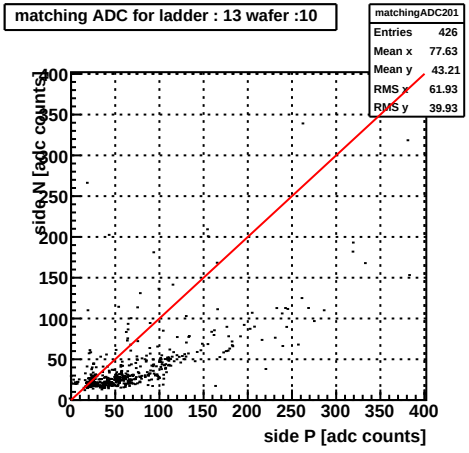

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 799
Mean x 63.98
Mean y 63.37
RMS x 66.99
RMS y 62.76
side N [adc counts]
side P [adc counts]

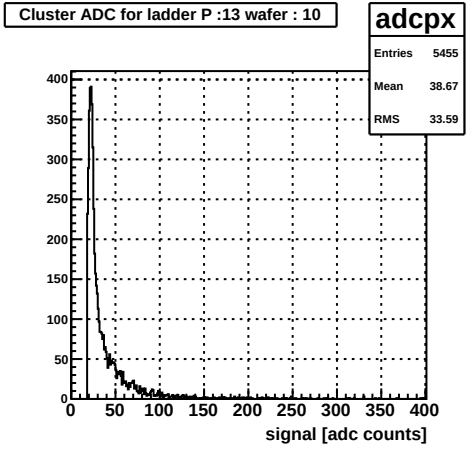

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 7441
Mean 28.53
RMS 28.84
signal [adc counts]

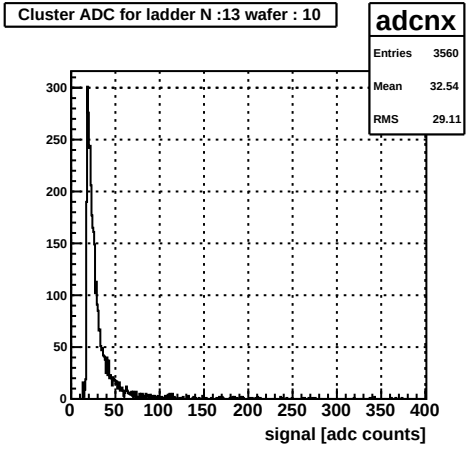

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 6550
Mean 31.15
RMS 32.98
signal [adc counts]

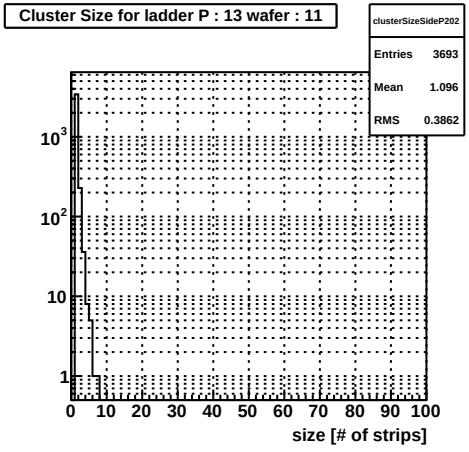

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 5455
Mean 1.161
RMS 0.4688
size [# of strips]

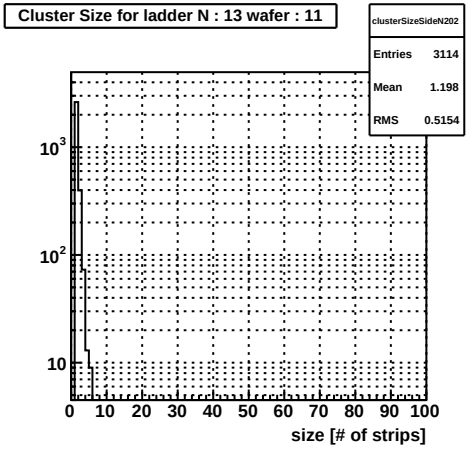

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 3560
Mean 1.084
RMS 0.3464
size [# of strips]

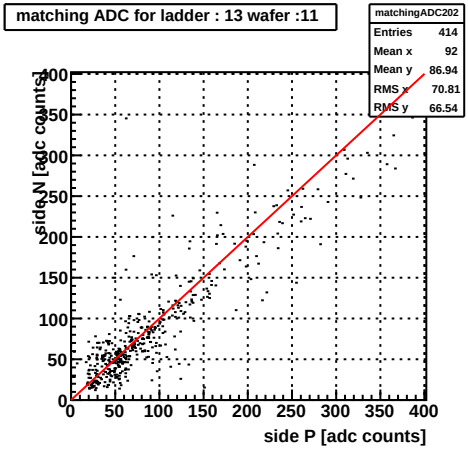

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 426
Mean x 77.63
Mean y 43.21
RMS x 61.93
RMS y 39.93
side N [adc counts]
side P [adc counts]

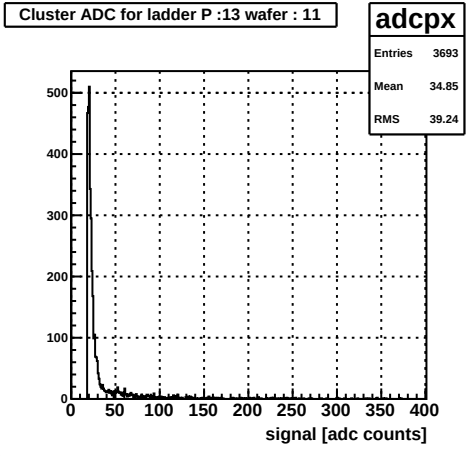

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 5455
Mean 38.67
RMS 33.59
signal [adc counts]

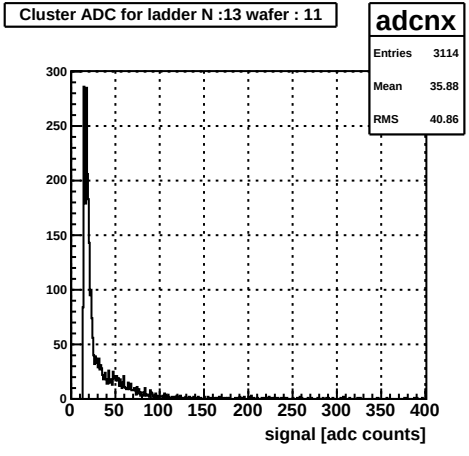

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 3560
Mean 32.54
RMS 29.11
signal [adc counts]

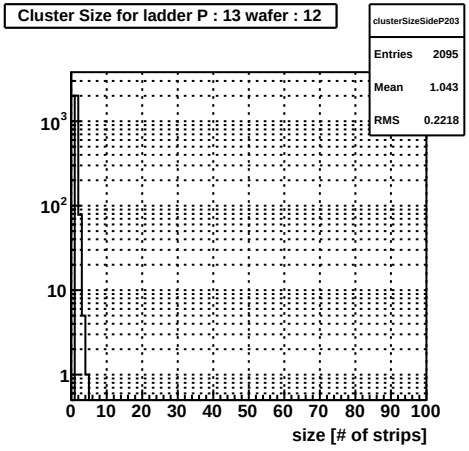

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3693
Mean 1.096
RMS 0.3862
size [# of strips]

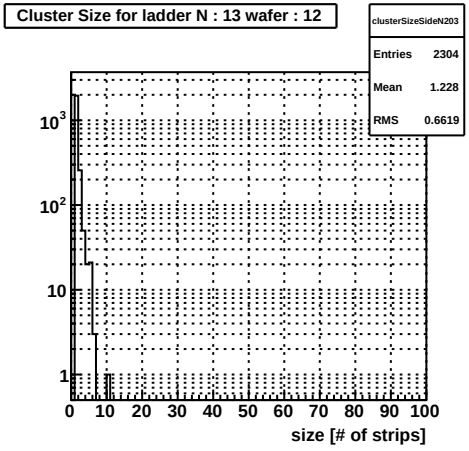

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 3114
Mean 1.198
RMS 0.5154
size [# of strips]

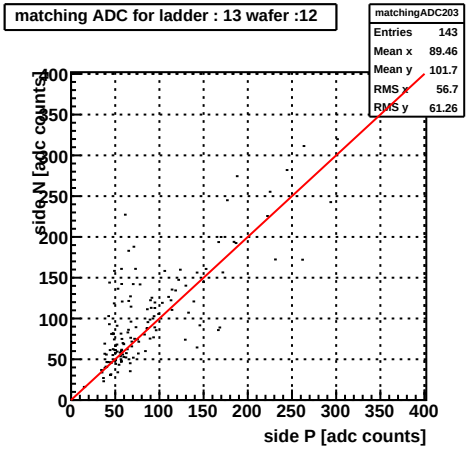

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 414
Mean x 92
Mean y 86.94
RMS x 70.81
RMS y 66.54
side N [adc counts]
side P [adc counts]

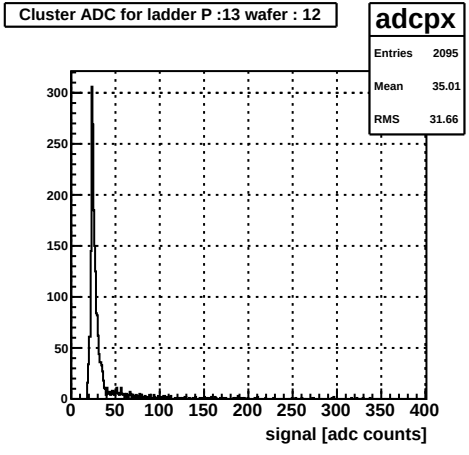

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3693
Mean 34.85
RMS 39.24
signal [adc counts]

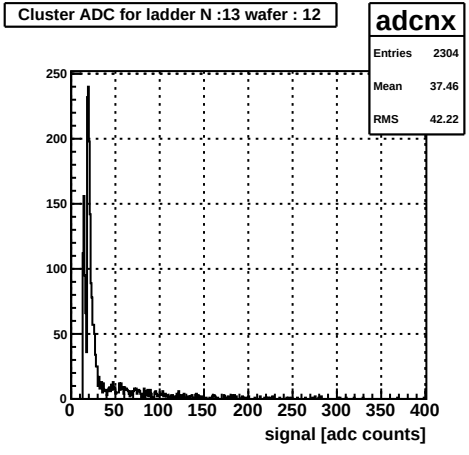

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 3114
Mean 35.88
RMS 40.86
signal [adc counts]

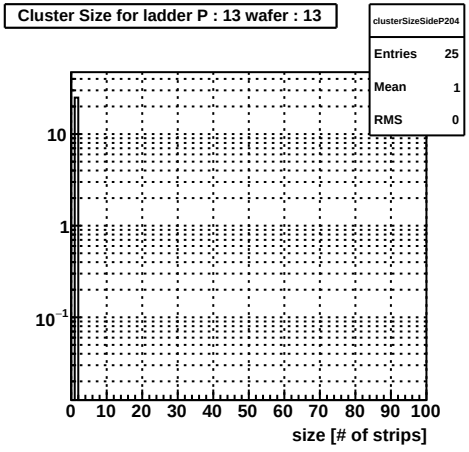

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 2095
Mean 1.043
RMS 0.2218
size [# of strips]

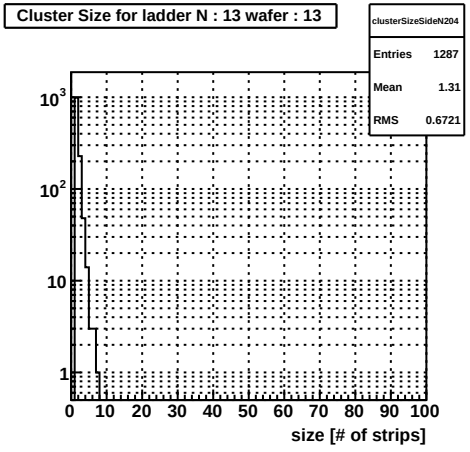

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2304
Mean 1.228
RMS 0.6619
size [# of strips]

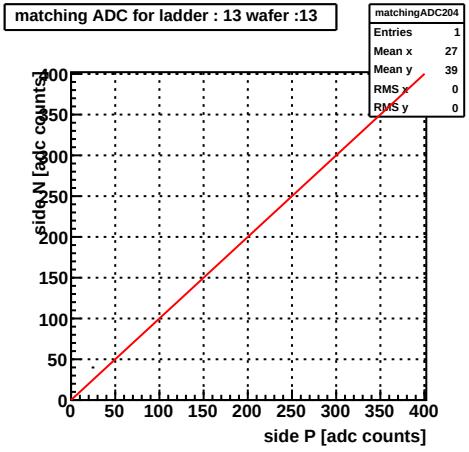

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 143
Mean x 89.46
Mean y 101.7
RMS x 56.7
RMS y 61.26
side N [adc counts]
side P [adc counts]

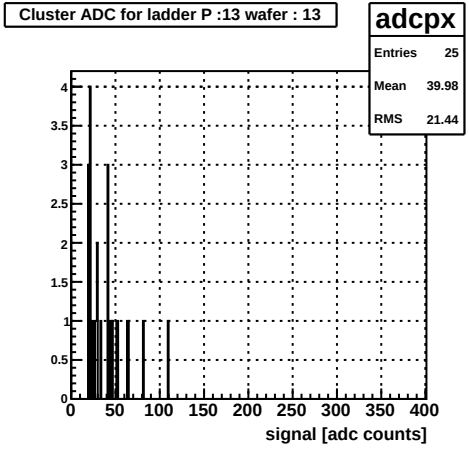

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 2095
Mean 35.01
RMS 31.66
signal [adc counts]

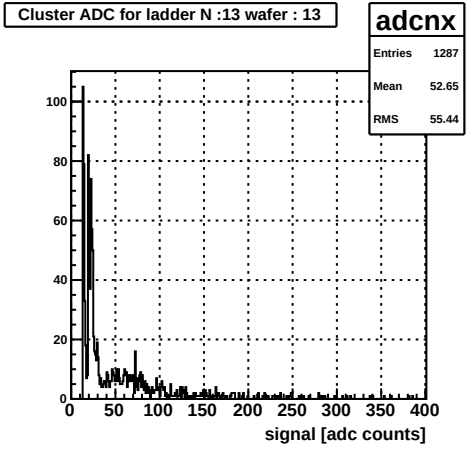

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2304
Mean 37.46
RMS 42.22
signal [adc counts]

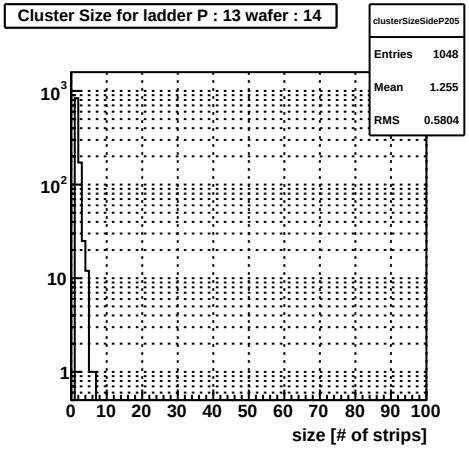

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 25
Mean 1
RMS 0
size [# of strips]

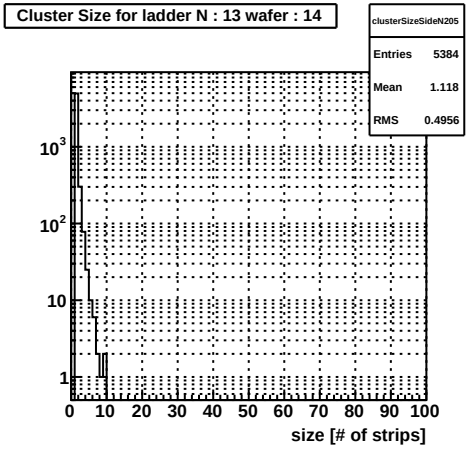

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 1287
Mean 1.31
RMS 0.6721
size [# of strips]

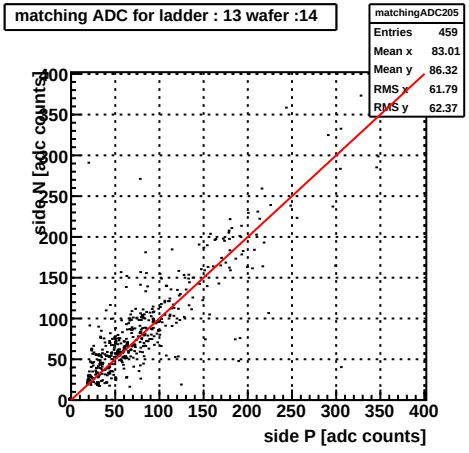

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 1
Mean x 27
Mean y 39
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

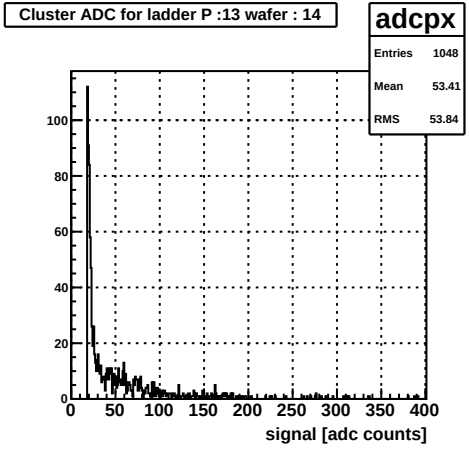

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 25
Mean 39.98
RMS 21.44
signal [adc counts]

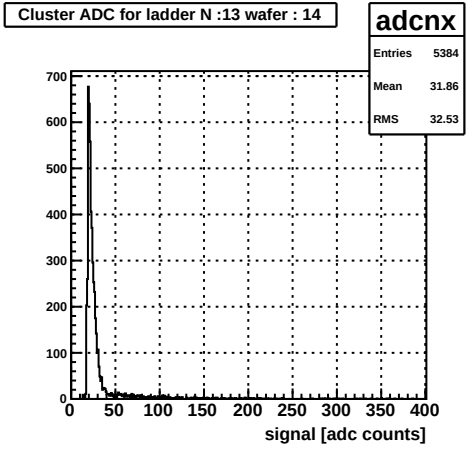

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 1287
Mean 52.65
RMS 55.44
signal [adc counts]

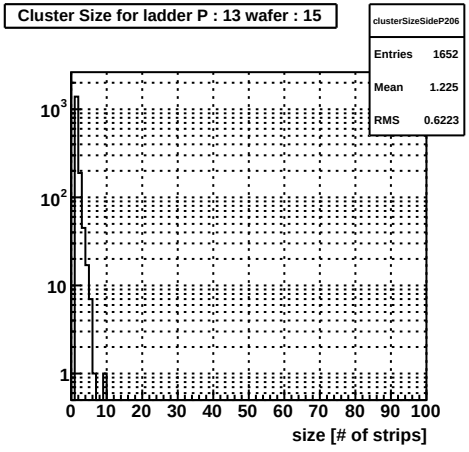

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 1048
Mean 1.255
RMS 0.5804
size [# of strips]

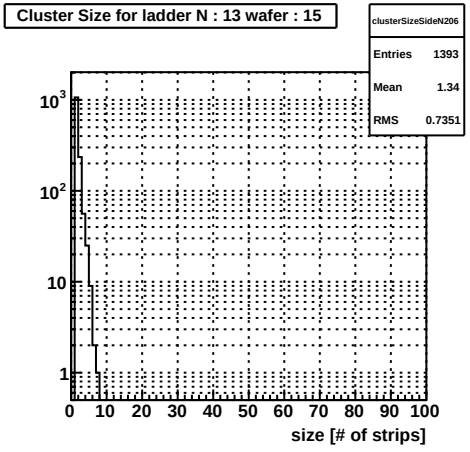

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 5384
Mean 1.118
RMS 0.4956
size [# of strips]

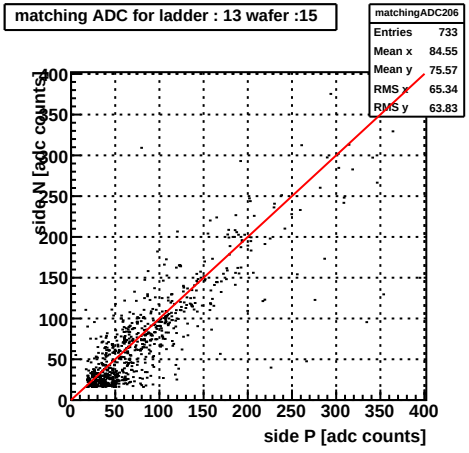

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 459
Mean x 83.01
Mean y 86.32
RMS x 61.79
RMS y 62.37
side N [adc counts]
side P [adc counts]

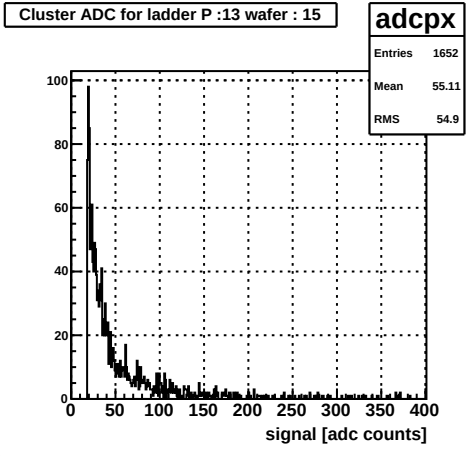

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 1048
Mean 53.41
RMS 53.84
signal [adc counts]

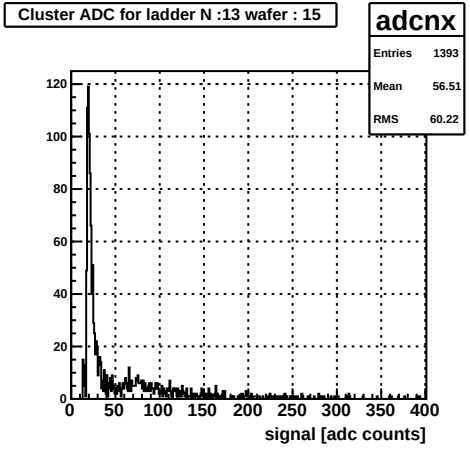

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 5384
Mean 31.86
RMS 32.53
signal [adc counts]

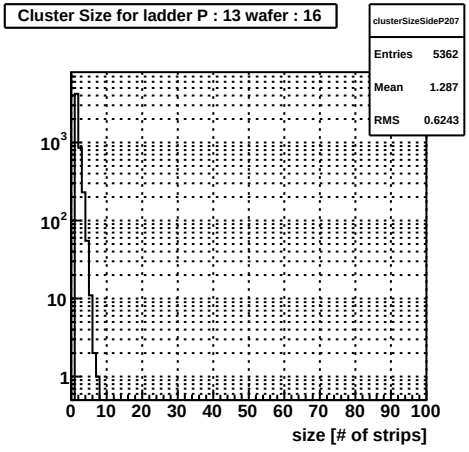

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1652
Mean 1.225
RMS 0.6223
size [# of strips]

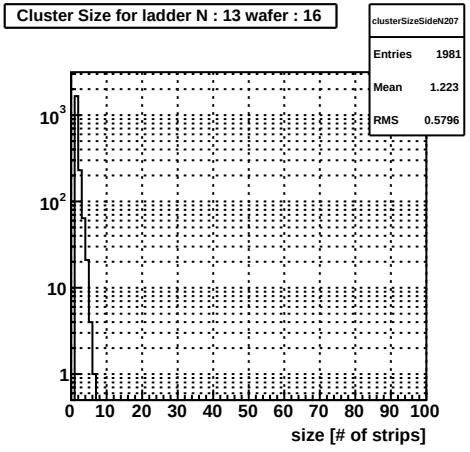

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 1393
Mean 1.34
RMS 0.7351
size [# of strips]

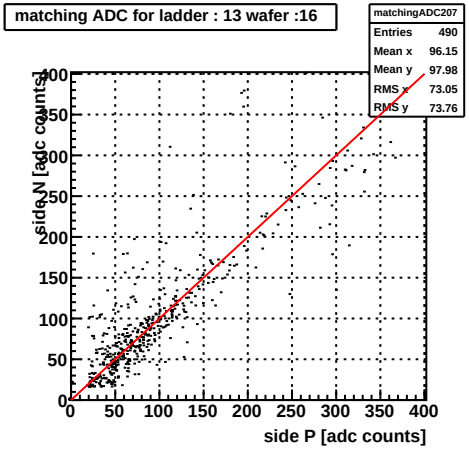

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 733
Mean x 84.55
Mean y 75.57
RMS x 65.34
RMS y 63.83
side N [adc counts]
side P [adc counts]

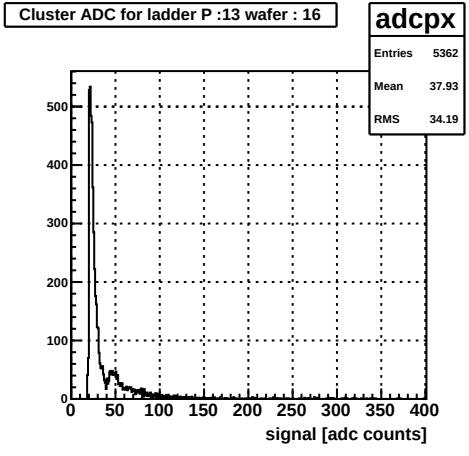

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1652
Mean 55.11
RMS 54.9
signal [adc counts]

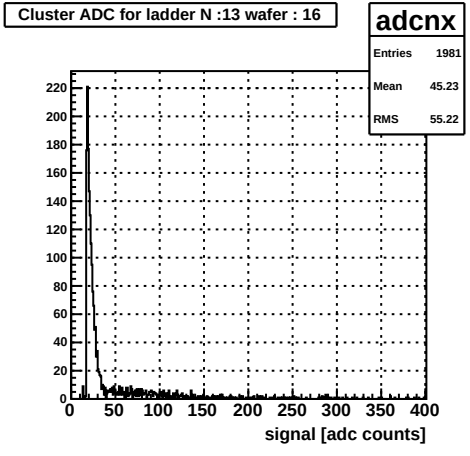

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 1393
Mean 56.51
RMS 60.22
signal [adc counts]

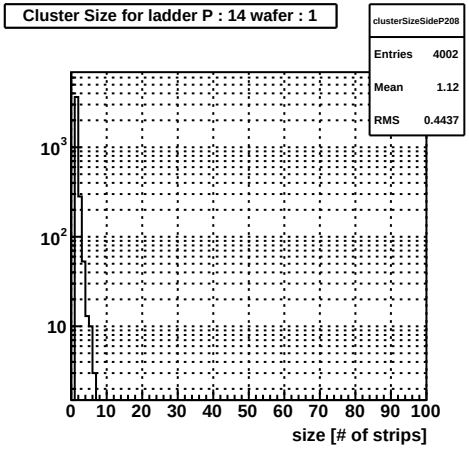

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 5362
Mean 1.287
RMS 0.6243
size [# of strips]

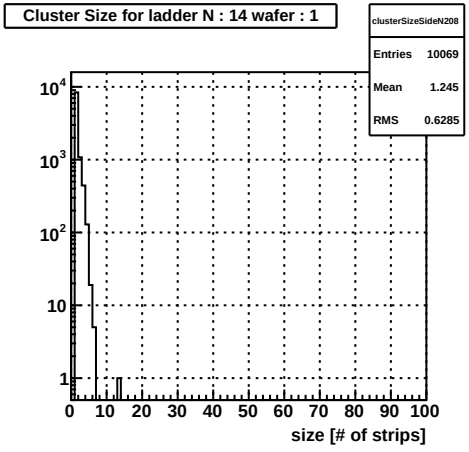

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1981
Mean 1.223
RMS 0.5796
size [# of strips]

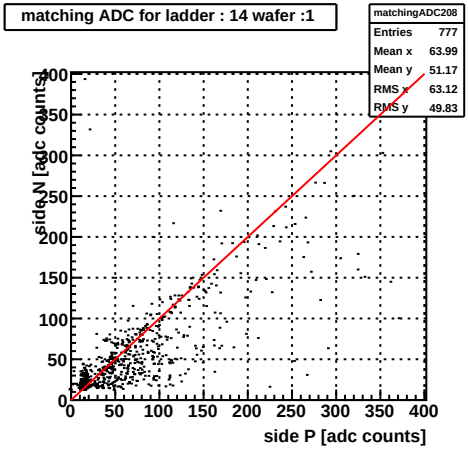

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 490
Mean x 96.15
Mean y 97.98
RMS x 73.05
RMS y 73.76
side N [adc counts]
side P [adc counts]

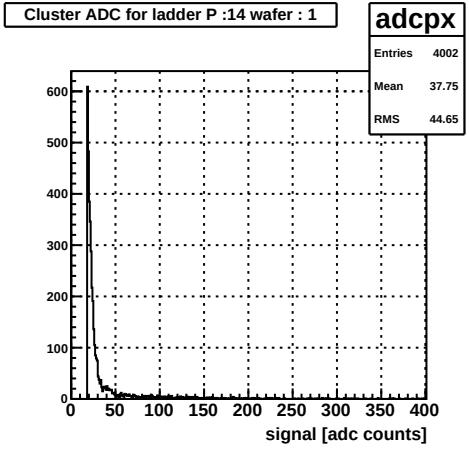

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 5362
Mean 37.93
RMS 34.19
signal [adc counts]

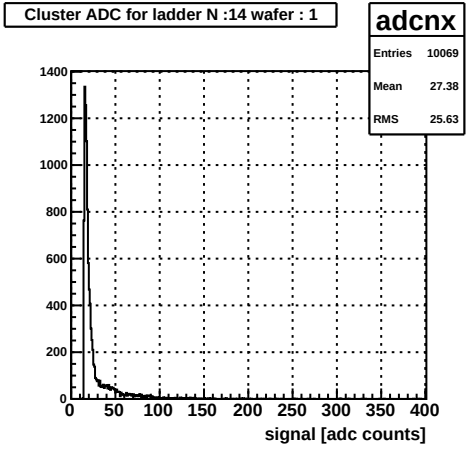

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1981
Mean 45.23
RMS 55.22
signal [adc counts]

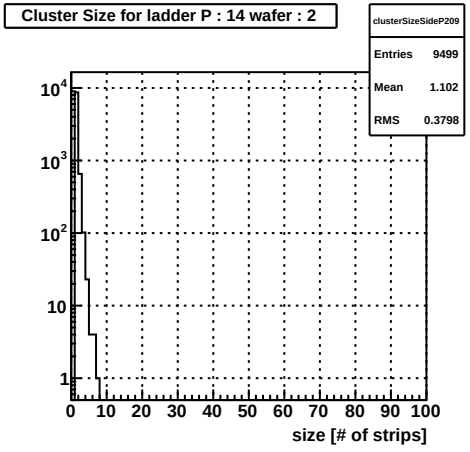

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4002
Mean 1.12
RMS 0.4437
size [# of strips]

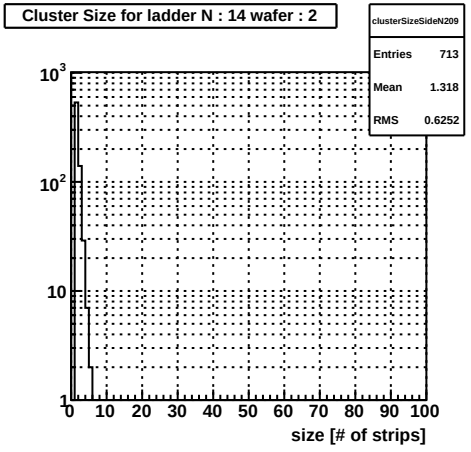

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 10069
Mean 1.245
RMS 0.6285
size [# of strips]

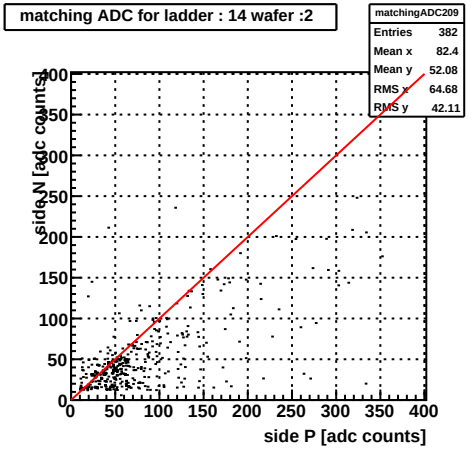

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 777
Mean x 63.99
Mean y 51.17
RMS x 63.12
RMS y 49.83
side N [adc counts]
side P [adc counts]

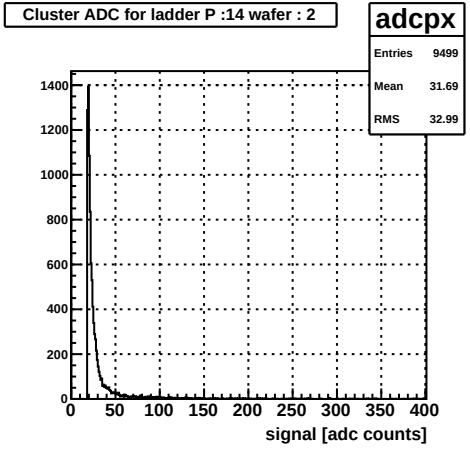

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4002
Mean 37.75
RMS 44.65
signal [adc counts]

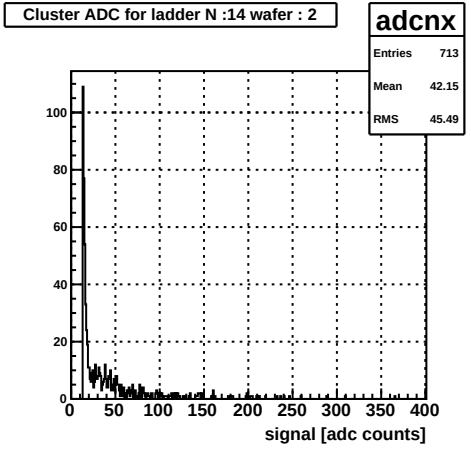

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 10069
Mean 27.38
RMS 25.63
signal [adc counts]

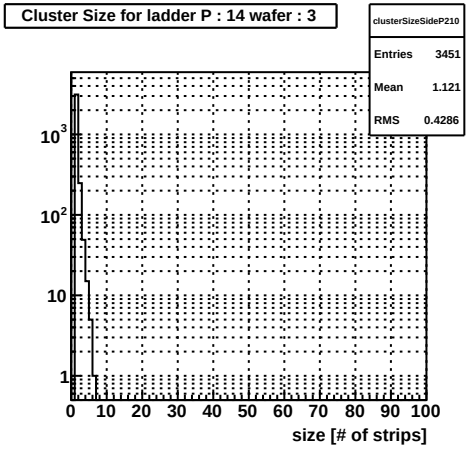

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 9499
Mean 1.102
RMS 0.3798
size [# of strips]

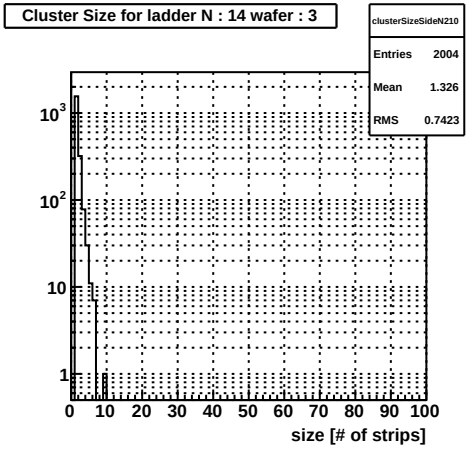

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 713
Mean 1.318
RMS 0.6252
size [# of strips]

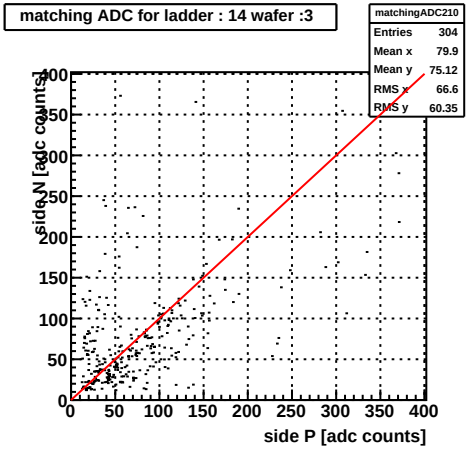

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 382
Mean x 82.4
Mean y 52.08
RMS x 64.68
RMS y 42.11
side N [adc counts]
side P [adc counts]

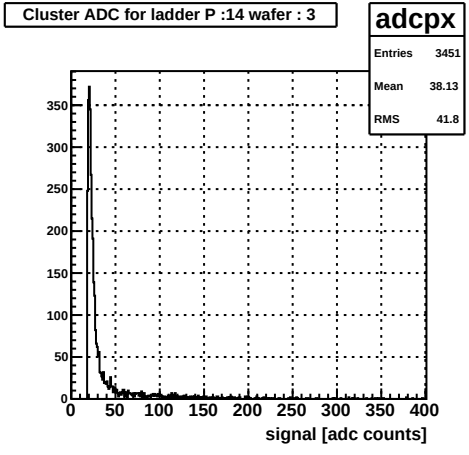

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 9499
Mean 31.69
RMS 32.99
signal [adc counts]

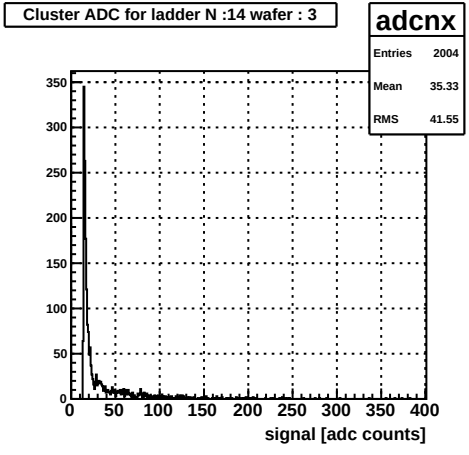

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 713
Mean 42.15
RMS 45.49
signal [adc counts]

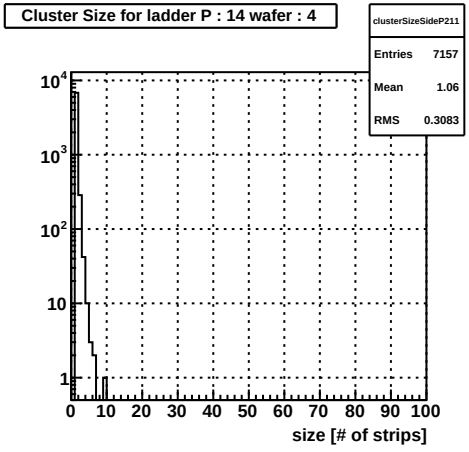

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 3451
Mean 1.121
RMS 0.4286
size [# of strips]

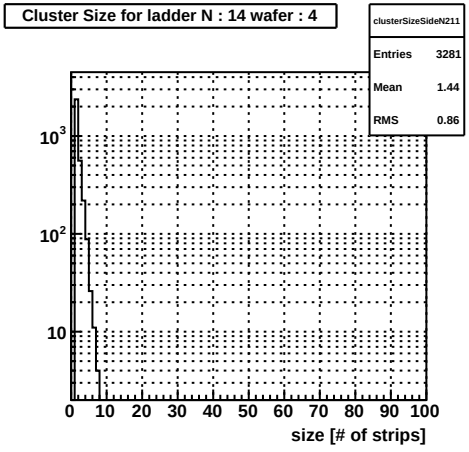

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2004
Mean 1.326
RMS 0.7423
size [# of strips]

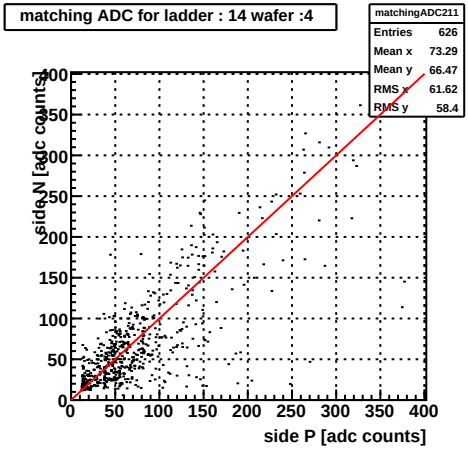

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 304
Mean x 79.9
Mean y 75.12
RMS x 66.6
RMS y 60.35
side N [adc counts]
side P [adc counts]

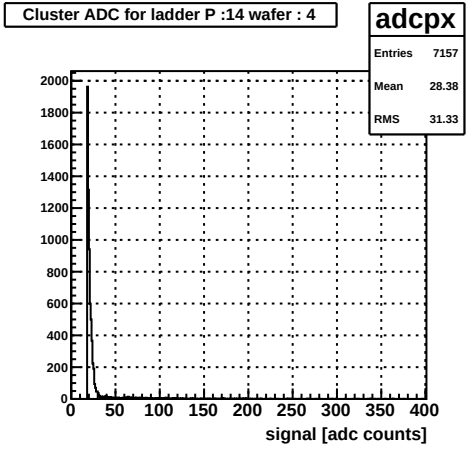

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 3451
Mean 38.13
RMS 41.8
signal [adc counts]

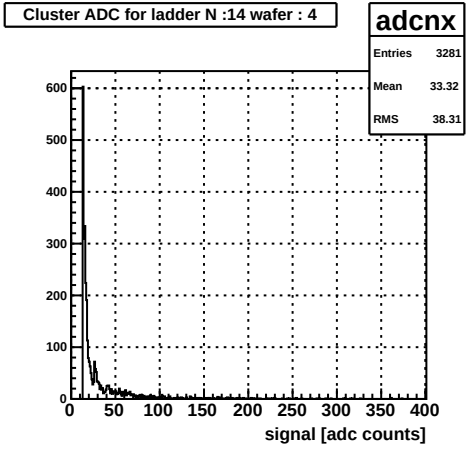

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2004
Mean 35.33
RMS 41.55
signal [adc counts]

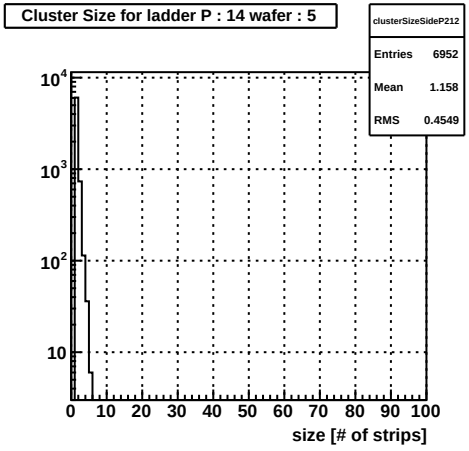

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 7157
Mean 1.06
RMS 0.3083
size [# of strips]

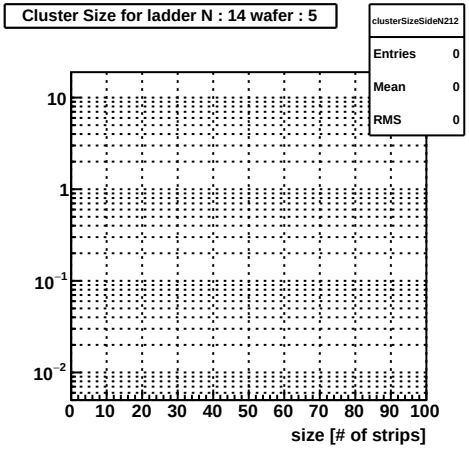

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 3281
Mean 1.44
RMS 0.86
size [# of strips]

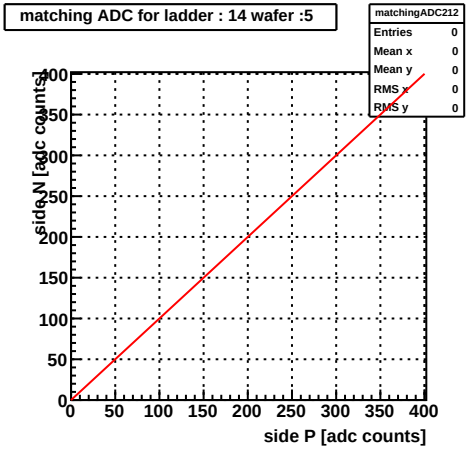

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 626
Mean x 73.29
Mean y 66.47
RMS x 61.62
RMS y 58.4
side N [adc counts]
side P [adc counts]

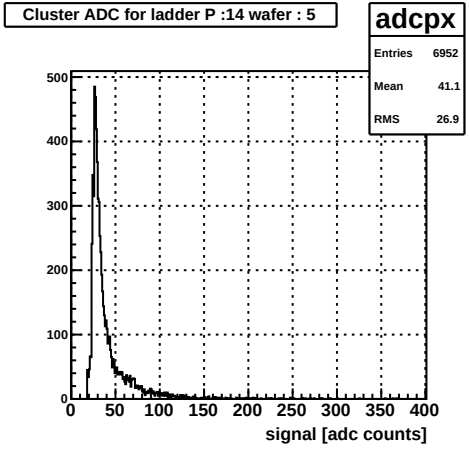

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 7157
Mean 28.38
RMS 31.33
signal [adc counts]

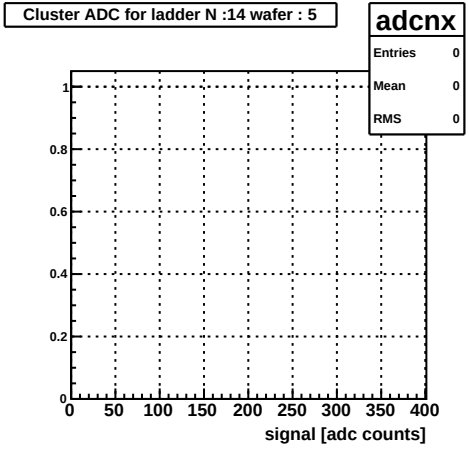

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 3281
Mean 33.32
RMS 38.31
signal [adc counts]

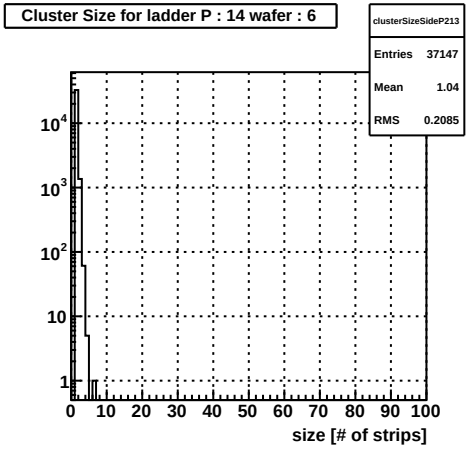

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 6952
Mean 1.158
RMS 0.4549
size [# of strips]

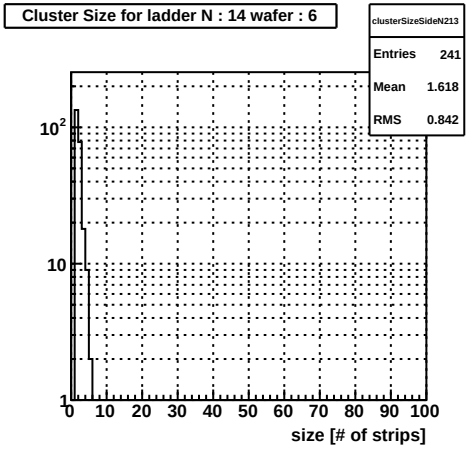

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

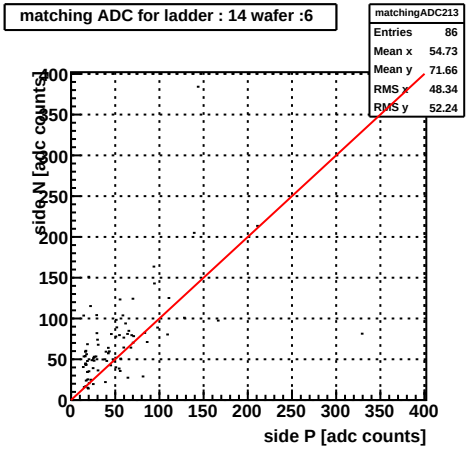

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

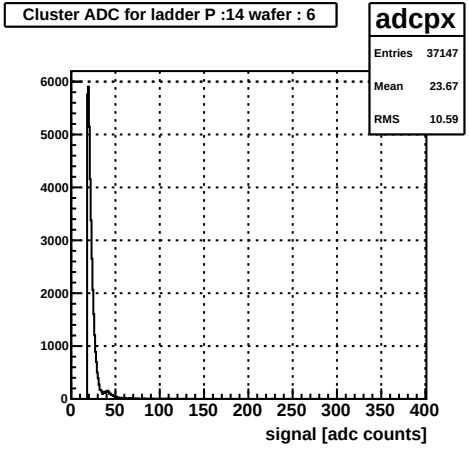

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 6952
Mean 41.1
RMS 26.9
signal [adc counts]

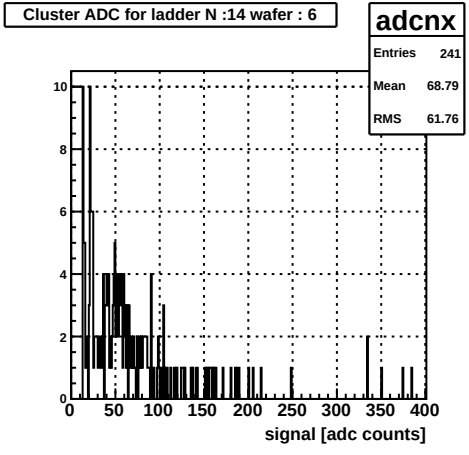

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

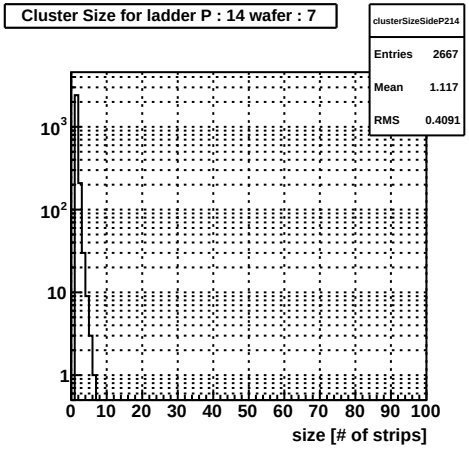

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 37147
Mean 1.04
RMS 0.2085
size [# of strips]

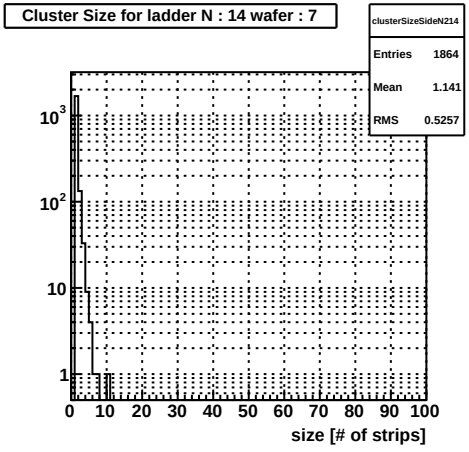

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 241
Mean 1.618
RMS 0.842
size [# of strips]

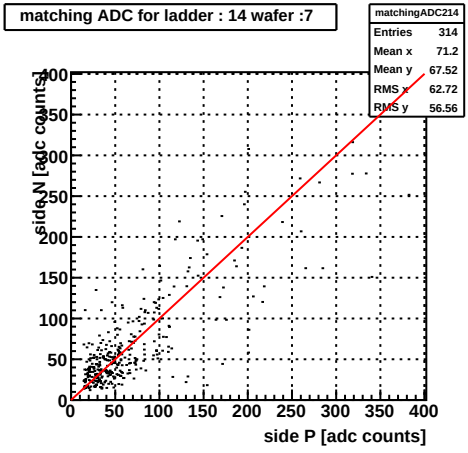

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 86
Mean x 54.73
Mean y 71.66
RMS x 48.34
RMS y 52.24
side N [adc counts]
side P [adc counts]

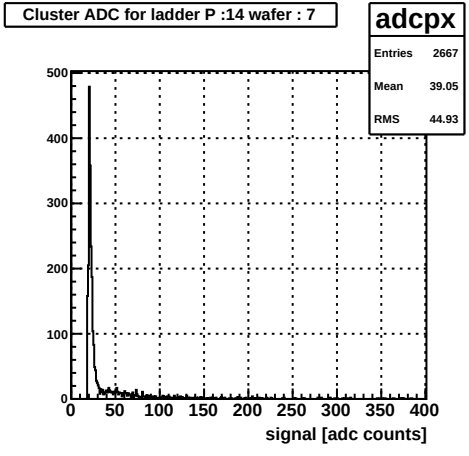

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 37147
Mean 23.67
RMS 10.59
signal [adc counts]

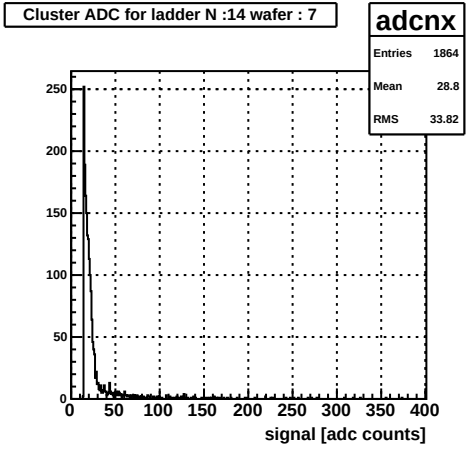

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 241
Mean 68.79
RMS 61.76
signal [adc counts]

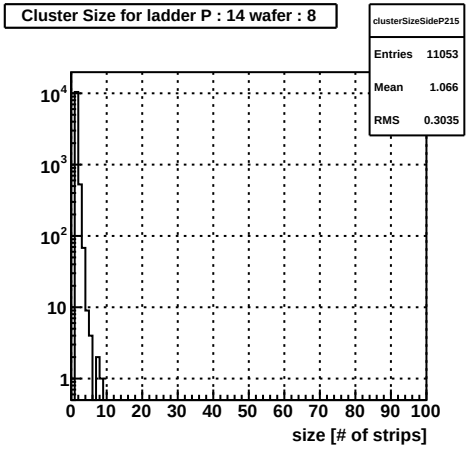

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2667
Mean 1.117
RMS 0.4091
size [# of strips]

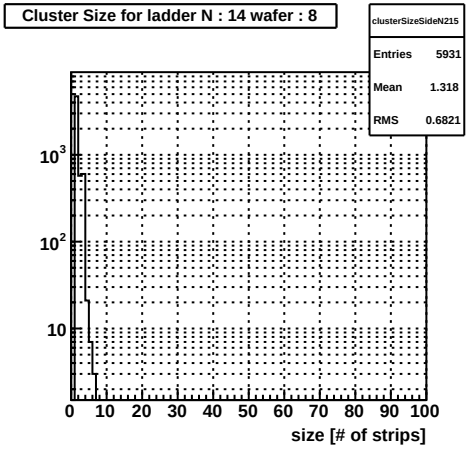

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1864
Mean 1.141
RMS 0.5257
size [# of strips]

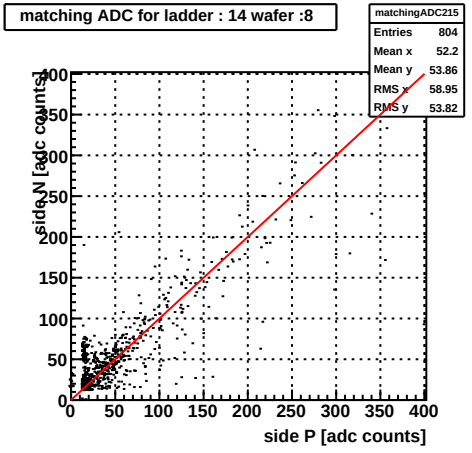

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 314
Mean x 71.2
Mean y 67.52
RMS x 62.72
RMS y 56.56
side N [adc counts]
side P [adc counts]

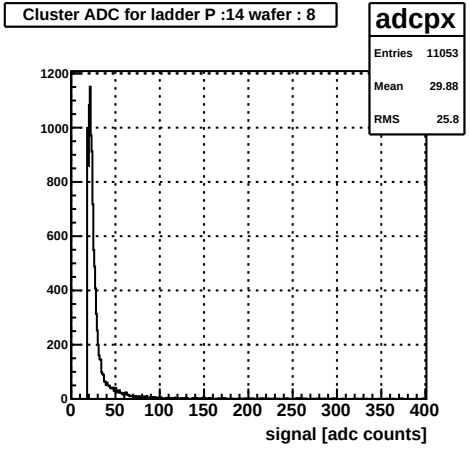

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2667
Mean 39.05
RMS 44.93
signal [adc counts]

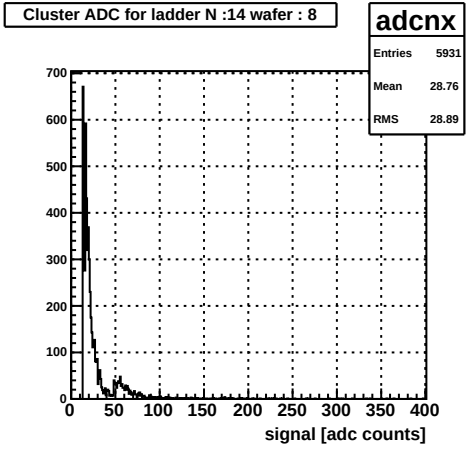

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1864
Mean 28.8
RMS 33.82
signal [adc counts]

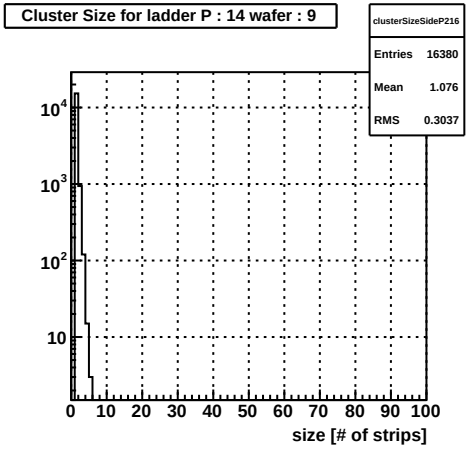

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 11053
Mean 1.066
RMS 0.3035
size [# of strips]

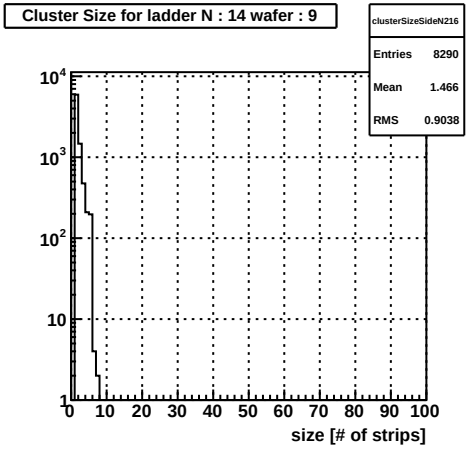

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 5931
Mean 1.318
RMS 0.6821
size [# of strips]

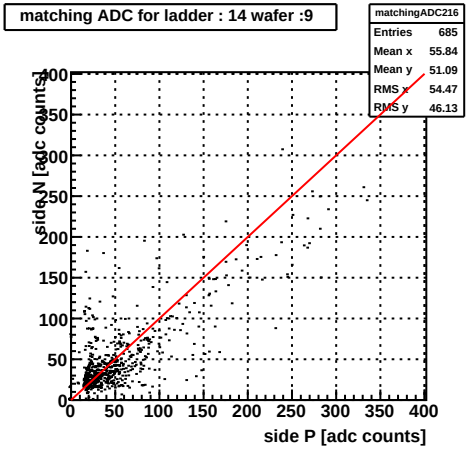

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 804
Mean x 52.2
Mean y 53.86
RMS x 58.95
RMS y 53.82
side N [adc counts]
side P [adc counts]

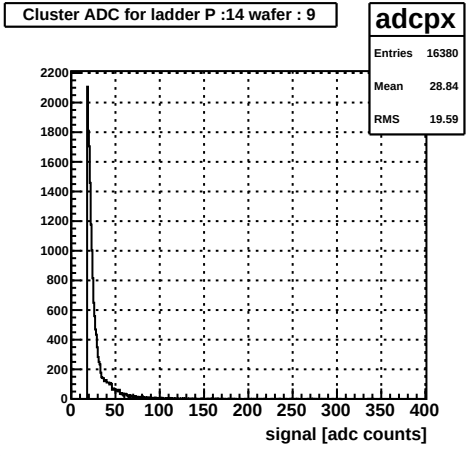

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 11053
Mean 29.88
RMS 25.8
signal [adc counts]

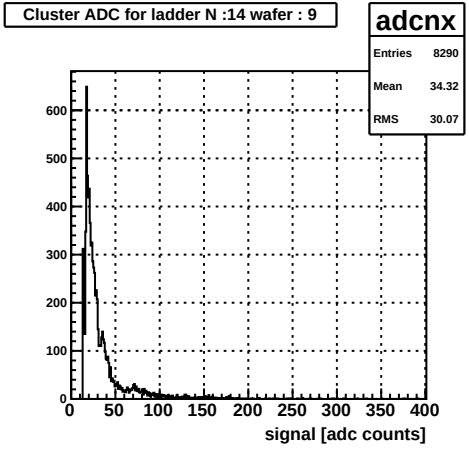

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 5931
Mean 28.76
RMS 28.89
signal [adc counts]

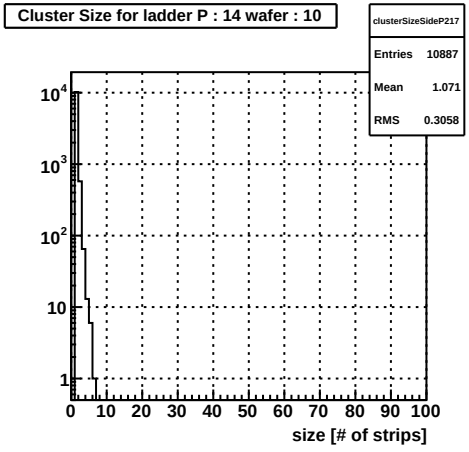

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 16380
Mean 1.076
RMS 0.3037
size [# of strips]

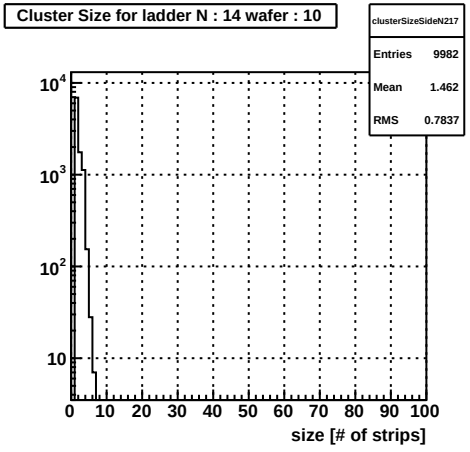

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 8290
Mean 1.466
RMS 0.9038
size [# of strips]

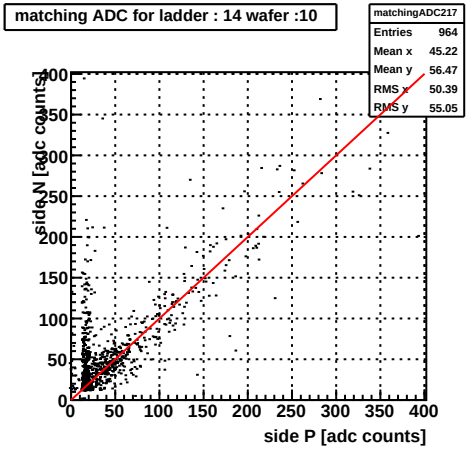

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 685
Mean x 55.84
Mean y 51.09
RMS x 54.47
RMS y 46.13
side N [adc counts]
side P [adc counts]

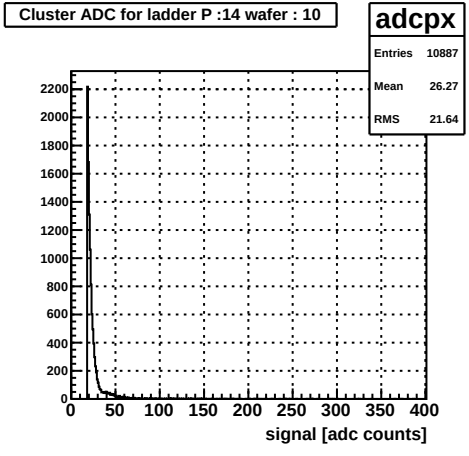

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 16380
Mean 28.84
RMS 19.59
signal [adc counts]

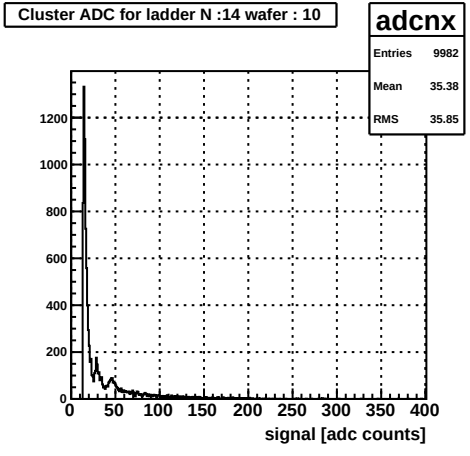

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 8290
Mean 34.32
RMS 30.07
signal [adc counts]

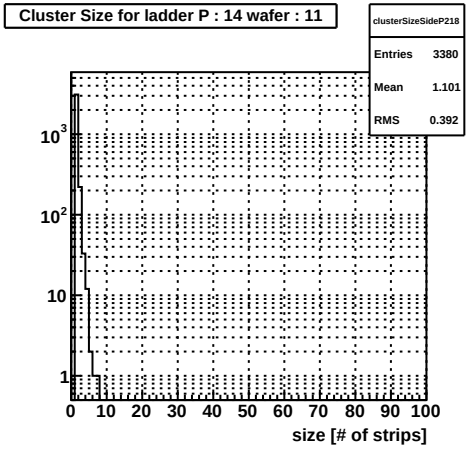

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 10887
Mean 1.071
RMS 0.3058
size [# of strips]

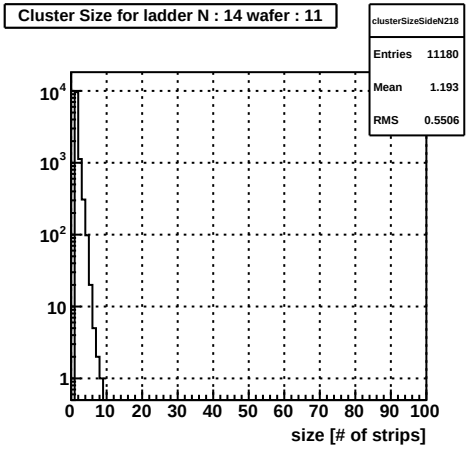

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 9982
Mean 1.462
RMS 0.7837
size [# of strips]

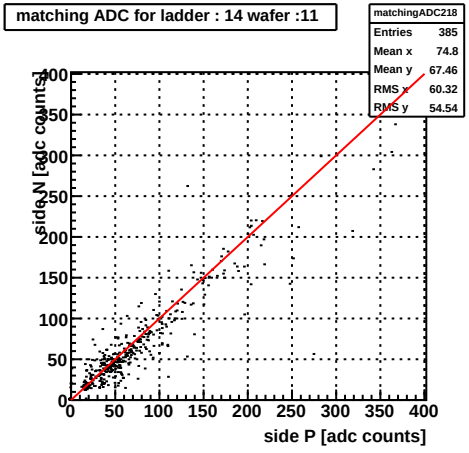

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 964
Mean x 45.22
Mean y 56.47
RMS x 50.39
RMS y 55.05
side N [adc counts]
side P [adc counts]

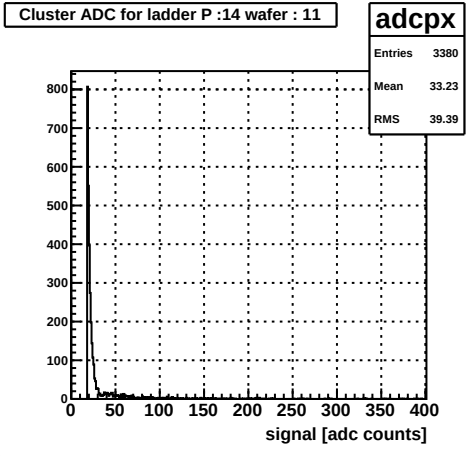

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 10887
Mean 26.27
RMS 21.64
signal [adc counts]

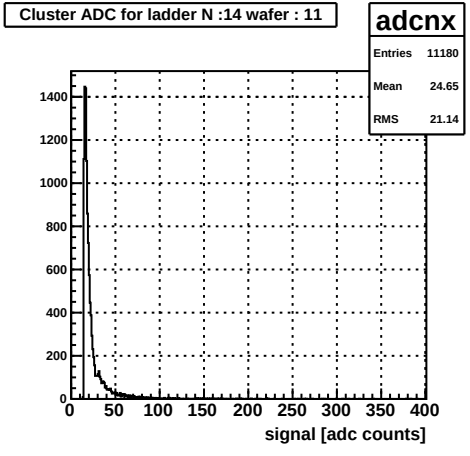

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 9982
Mean 35.38
RMS 35.85
signal [adc counts]

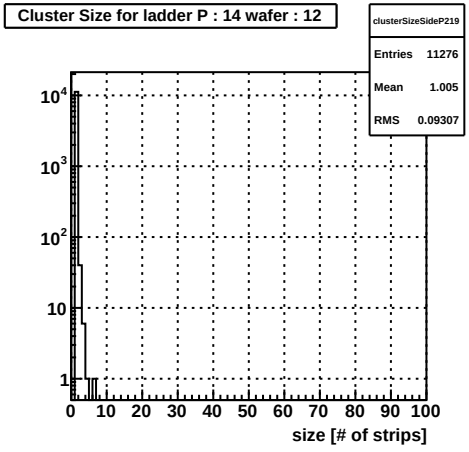

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3380
Mean 1.101
RMS 0.392
size [# of strips]

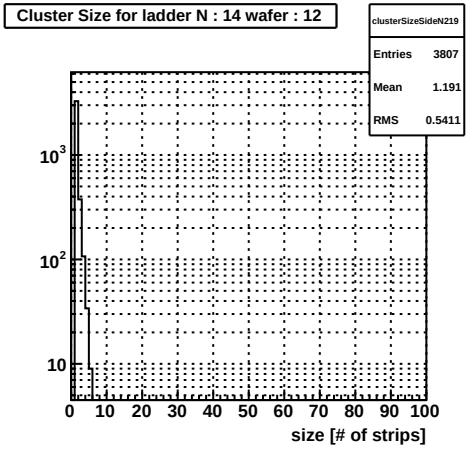

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 11180
Mean 1.193
RMS 0.5506
size [# of strips]

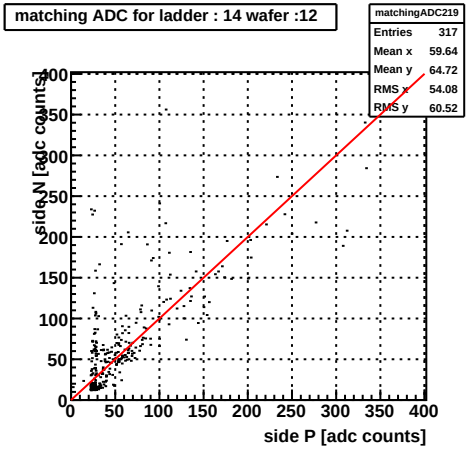

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 385
Mean x 74.8
Mean y 67.46
RMS x 60.32
RMS y 54.54
side N [adc counts]
side P [adc counts]

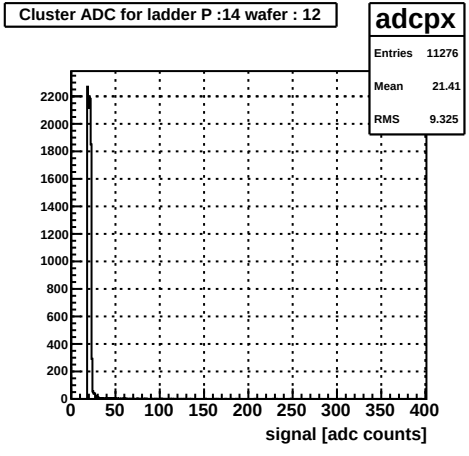

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3380
Mean 33.23
RMS 39.39
signal [adc counts]

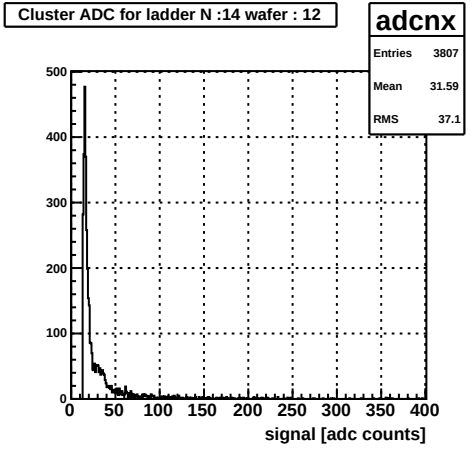

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 11180
Mean 24.65
RMS 21.14
signal [adc counts]

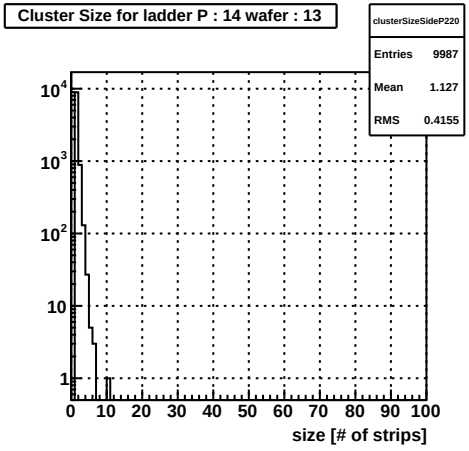

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 11276
Mean 1.005
RMS 0.09307
size [# of strips]

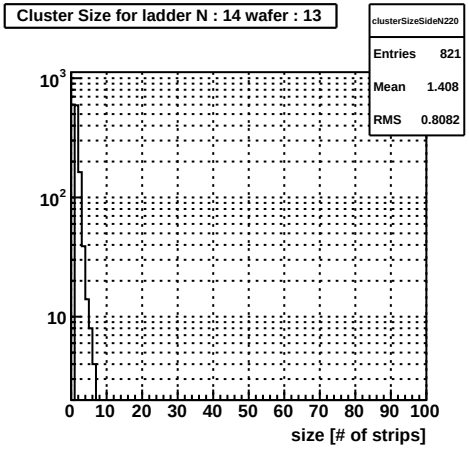

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 3807
Mean 1.191
RMS 0.5411
size [# of strips]

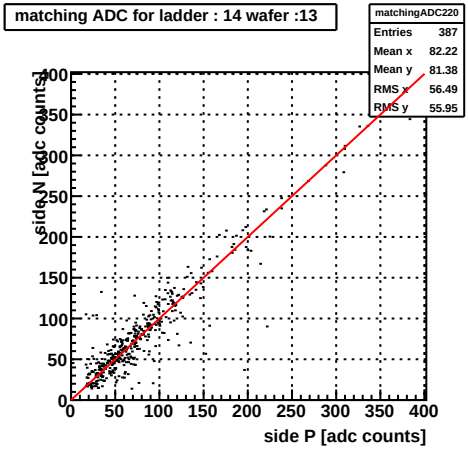

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 317
Mean x 59.64
Mean y 64.72
RMS x 54.08
RMS y 60.52
side N [adc counts]
side P [adc counts]

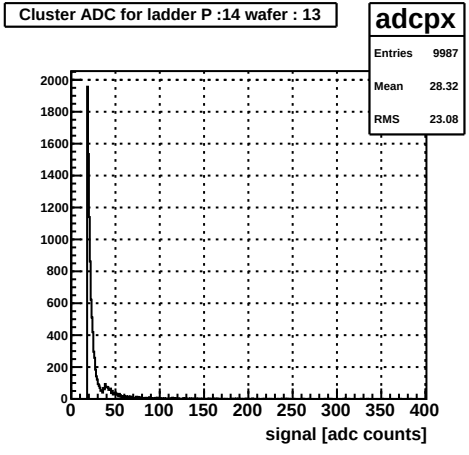

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 11276
Mean 21.41
RMS 9.325
signal [adc counts]

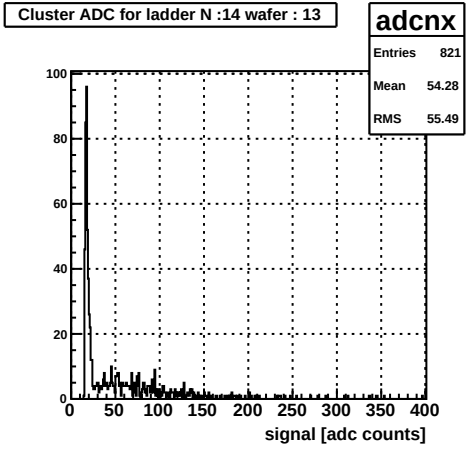

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 3807
Mean 31.59
RMS 37.1
signal [adc counts]

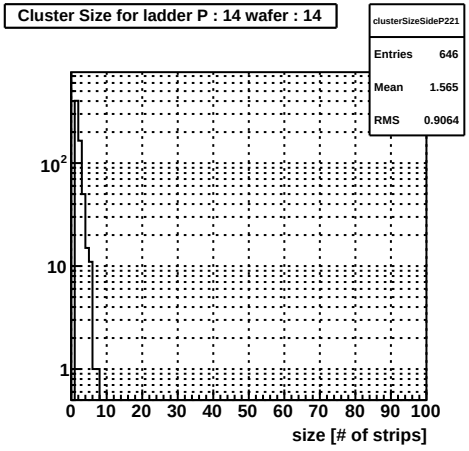

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 9987
Mean 1.127
RMS 0.4155
size [# of strips]

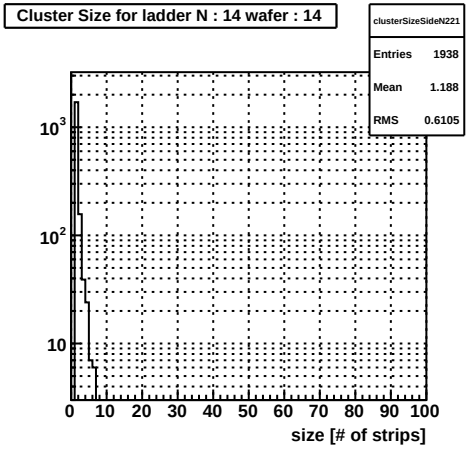

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 821
Mean 1.408
RMS 0.8082
size [# of strips]

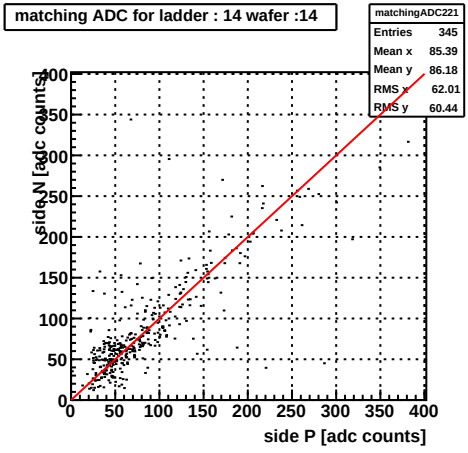

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 387
Mean x 82.22
Mean y 81.38
RMS x 56.49
RMS y 55.95
side N [adc counts]
side P [adc counts]

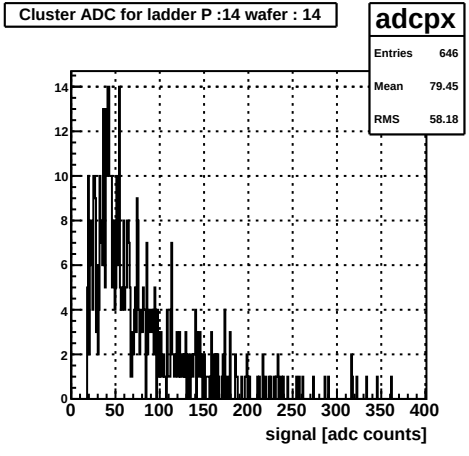

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 9987
Mean 28.32
RMS 23.08
signal [adc counts]

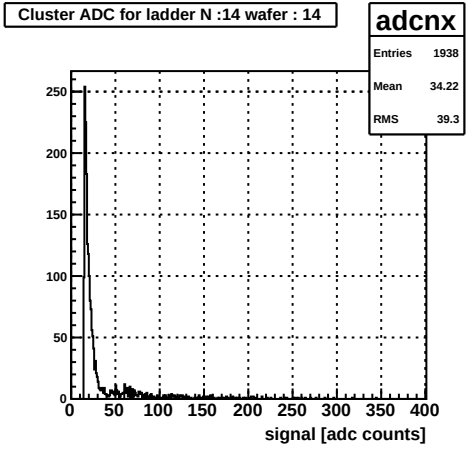

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 821
Mean 54.28
RMS 55.49
signal [adc counts]

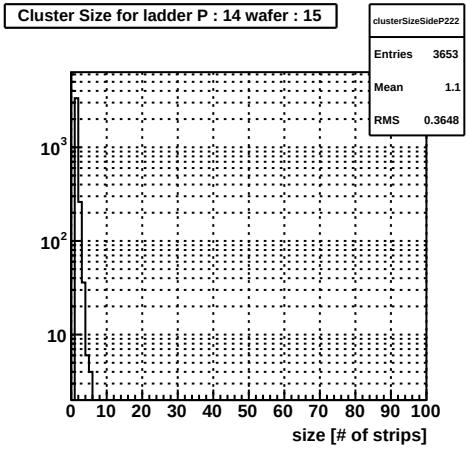

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 646
Mean 1.565
RMS 0.9064
size [# of strips]

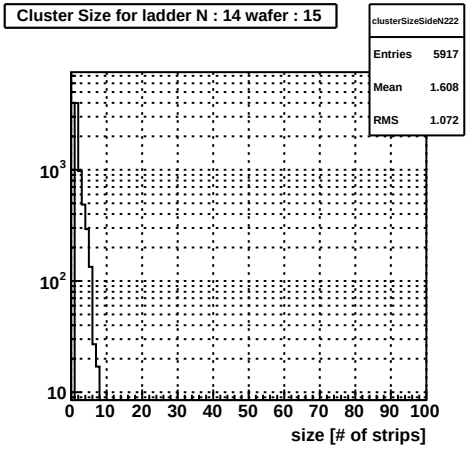

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1938
Mean 1.188
RMS 0.6105
size [# of strips]

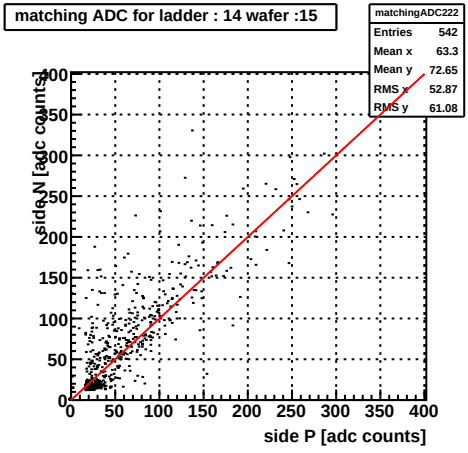

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 345
Mean x 85.39
Mean y 86.18
RMS x 62.01
RMS y 60.44
side N [adc counts]
side P [adc counts]

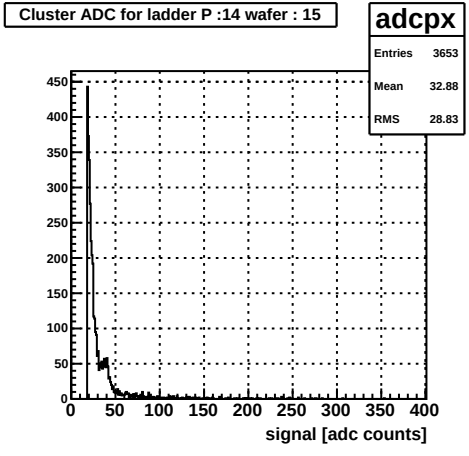

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 646
Mean 79.45
RMS 58.18
signal [adc counts]

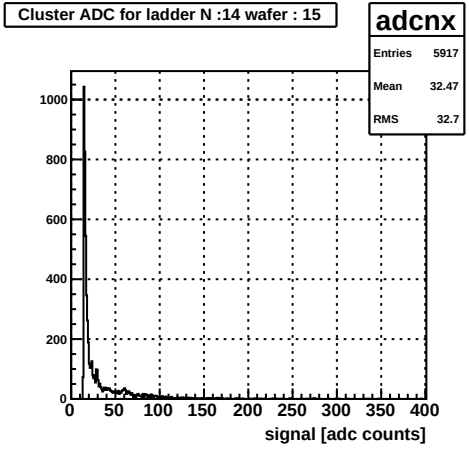

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1938
Mean 34.22
RMS 39.3
signal [adc counts]

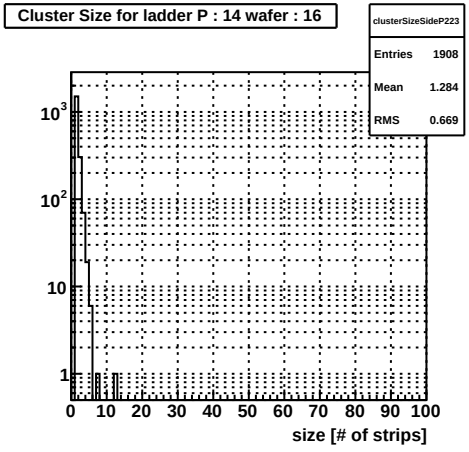

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 3653
Mean 1.1
RMS 0.3648
size [# of strips]

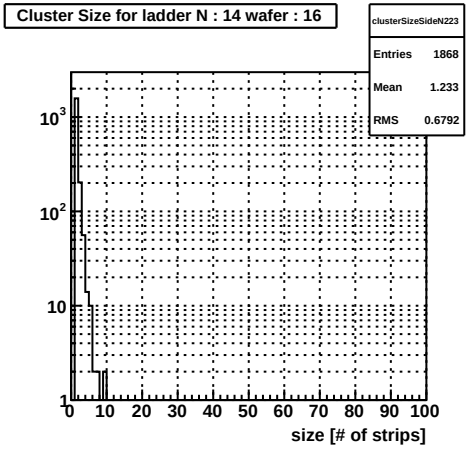

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 5917
Mean 1.608
RMS 1.072
size [# of strips]

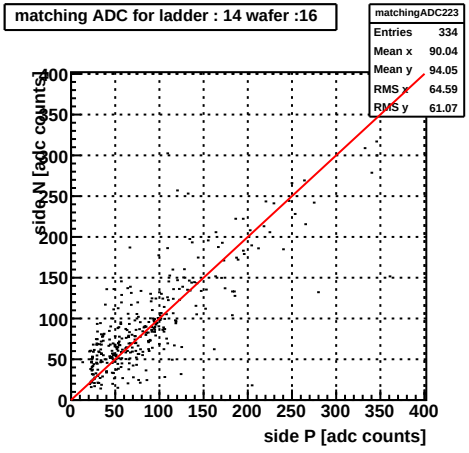

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 542
Mean x 63.3
Mean y 72.65
RMS x 52.87
RMS y 61.08
side N [adc counts]
side P [adc counts]

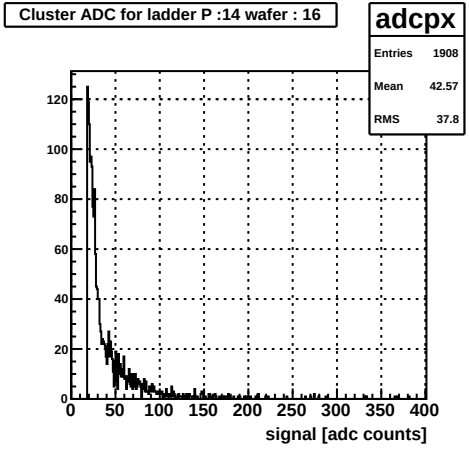

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 3653
Mean 32.88
RMS 28.83
signal [adc counts]

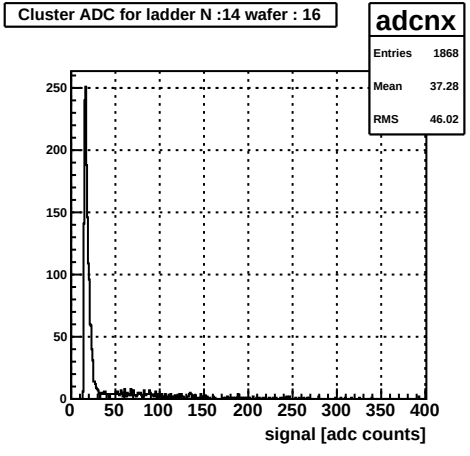

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 5917
Mean 32.47
RMS 32.7
signal [adc counts]

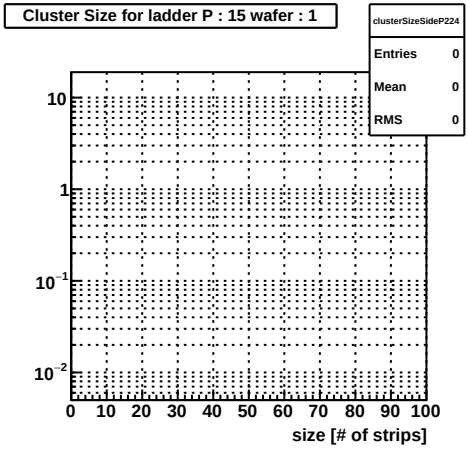

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1908
Mean 1.284
RMS 0.669
size [# of strips]

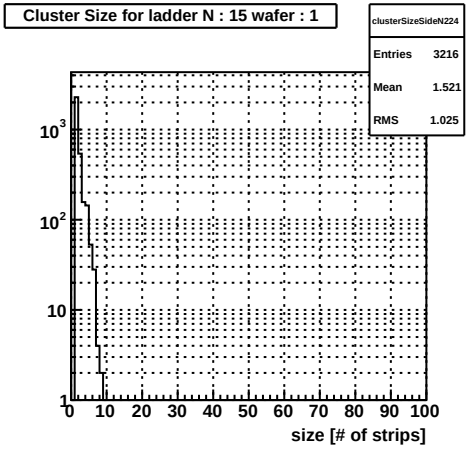

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1868
Mean 1.233
RMS 0.6792
size [# of strips]

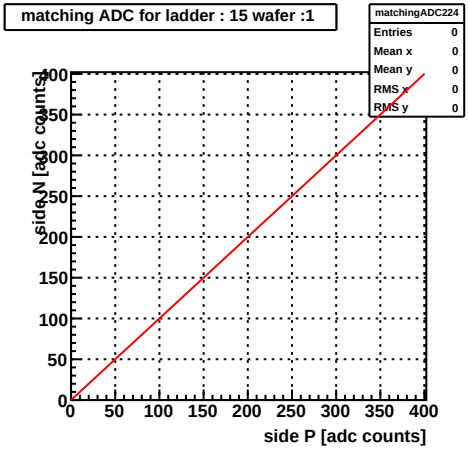

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 334
Mean x 90.04
Mean y 94.05
RMS x 64.59
RMS y 61.07
side N [adc counts]
side P [adc counts]

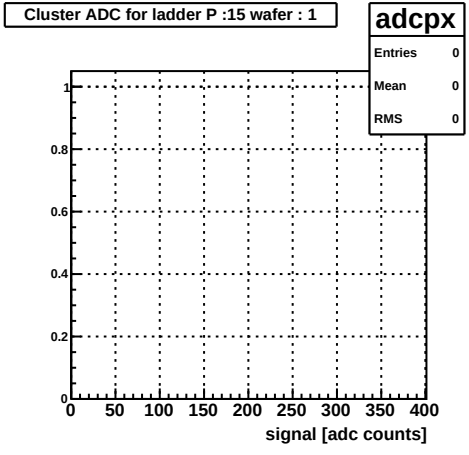

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1908
Mean 42.57
RMS 37.8
signal [adc counts]

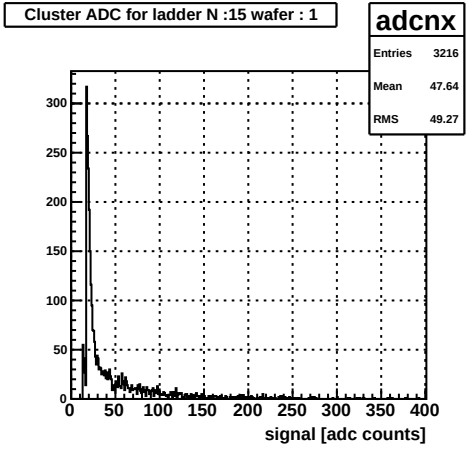

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1868
Mean 37.28
RMS 46.02
signal [adc counts]

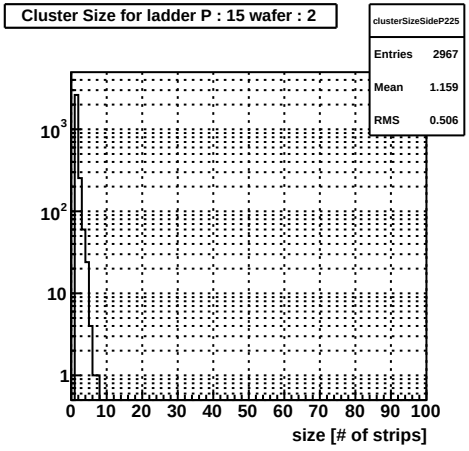

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

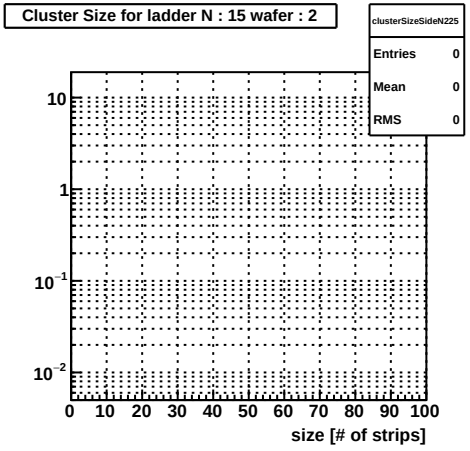

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3216
Mean 1.521
RMS 1.025
size [# of strips]

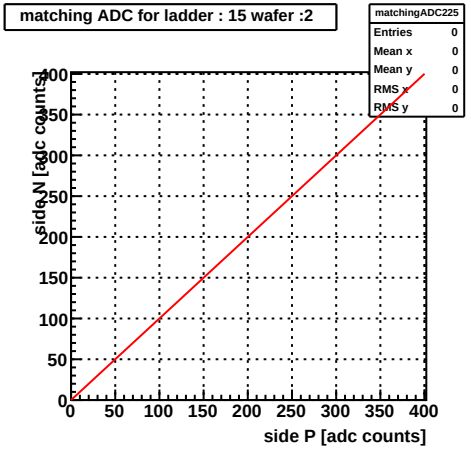

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

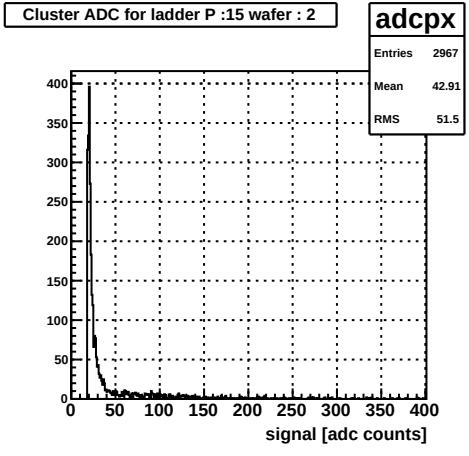

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

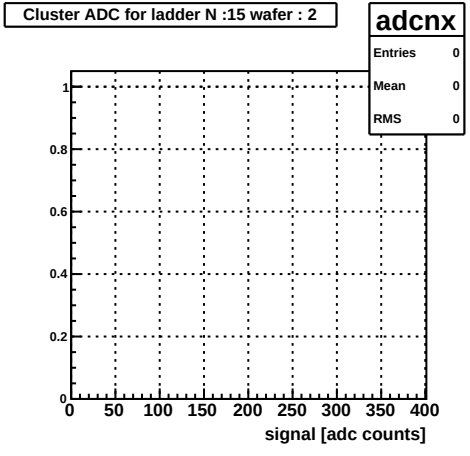

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3216
Mean 47.64
RMS 49.27
signal [adc counts]

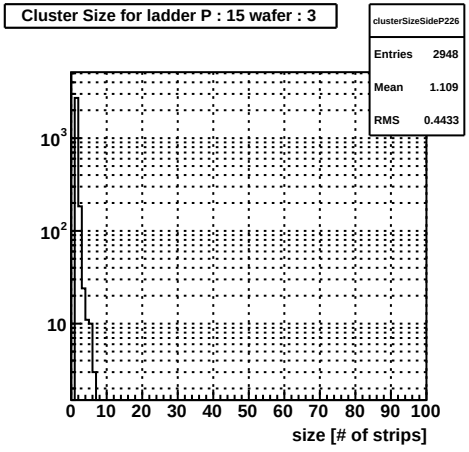

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 2967
Mean 1.159
RMS 0.506
size [# of strips]

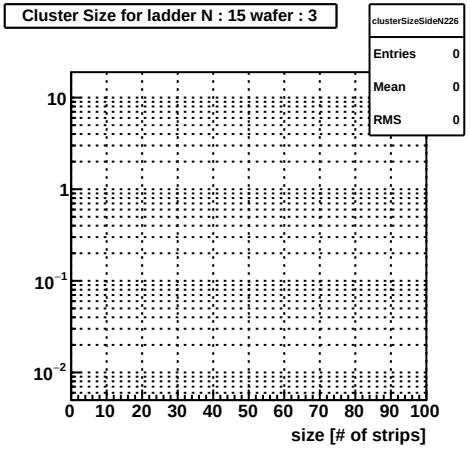

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

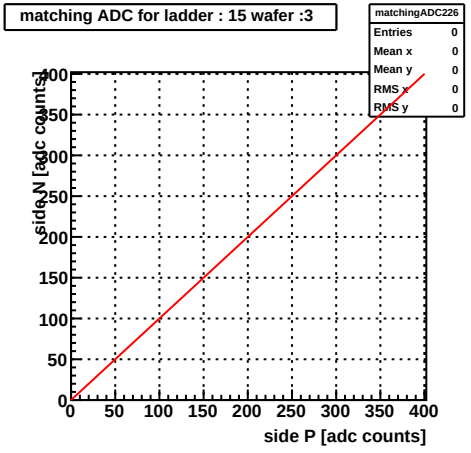

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

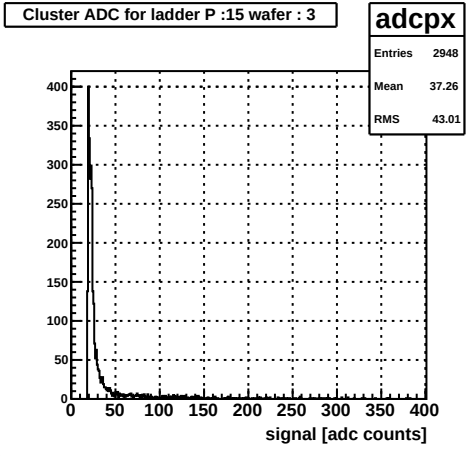

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 2967
Mean 42.91
RMS 51.5
signal [adc counts]

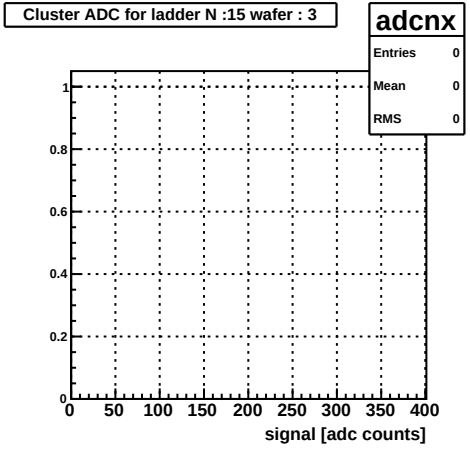

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

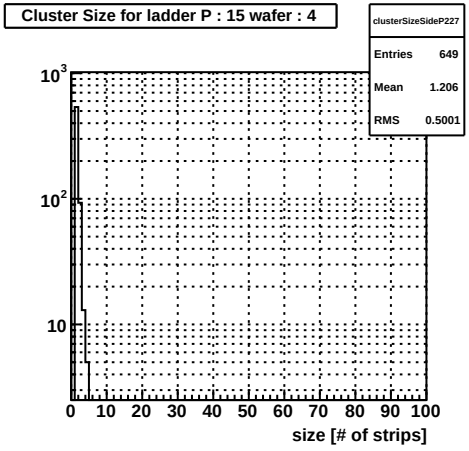

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2948
Mean 1.109
RMS 0.4433
size [# of strips]

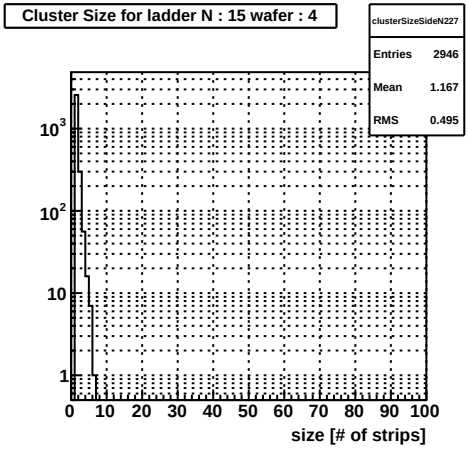

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

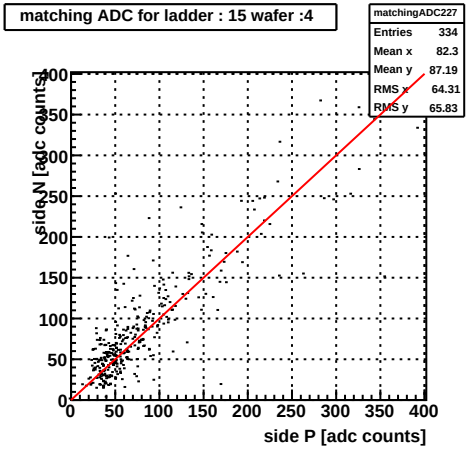

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

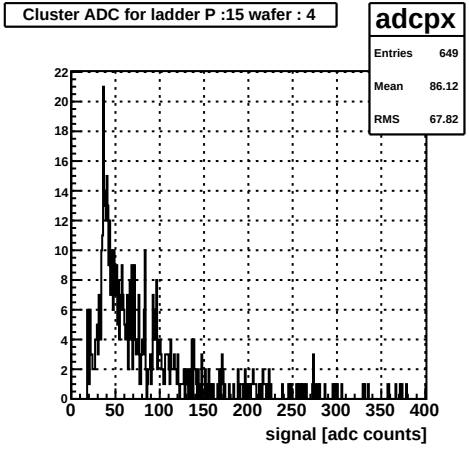

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2948
Mean 37.26
RMS 43.01
signal [adc counts]

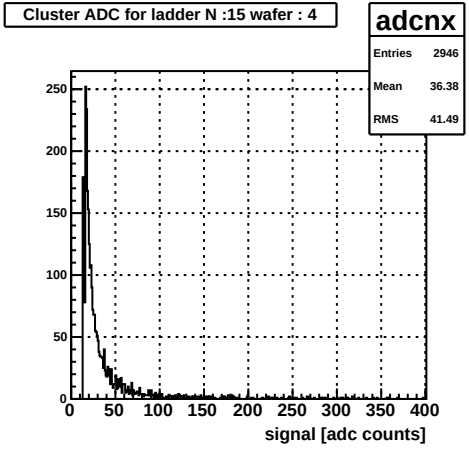

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

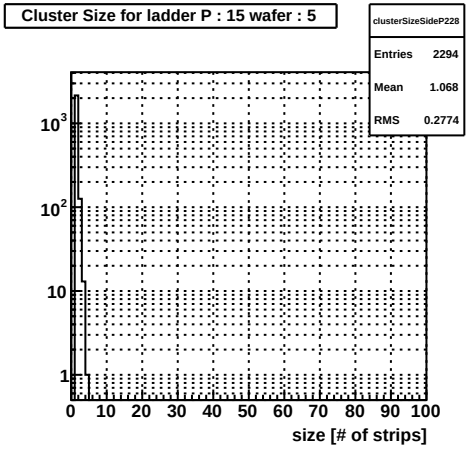

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 649
Mean 1.206
RMS 0.5001
size [# of strips]

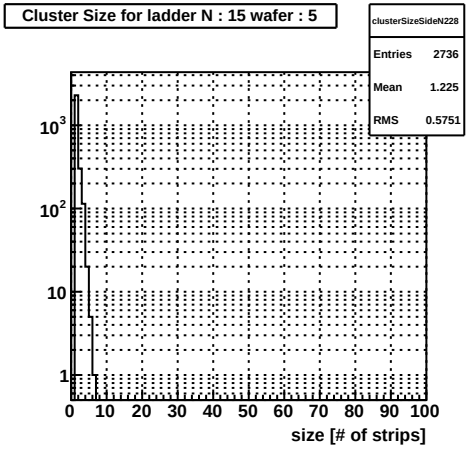

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 2946
Mean 1.167
RMS 0.495
size [# of strips]

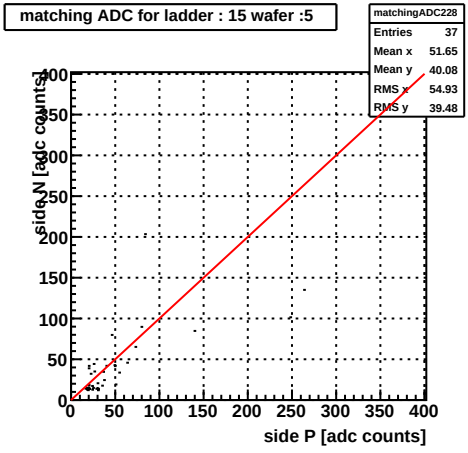

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 334
Mean x 82.3
Mean y 87.19
RMS x 64.31
RMS y 65.83
side N [adc counts]
side P [adc counts]

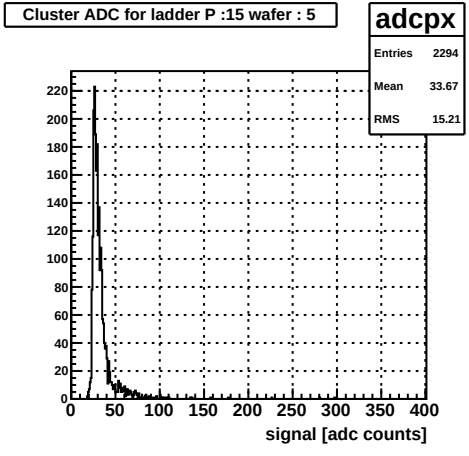

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 649
Mean 86.12
RMS 67.82
signal [adc counts]

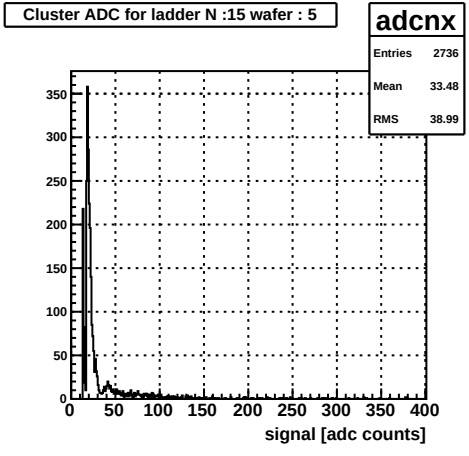

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 2946
Mean 36.38
RMS 41.49
signal [adc counts]

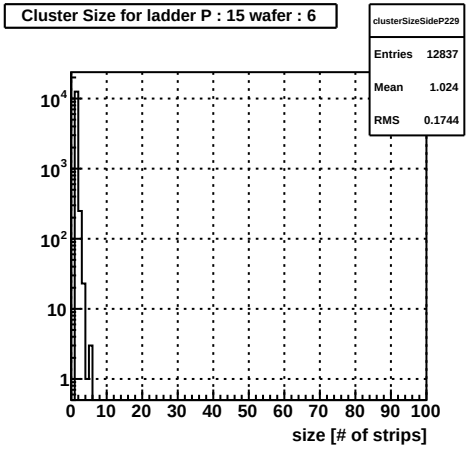

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 2294
Mean 1.068
RMS 0.2774
size [# of strips]

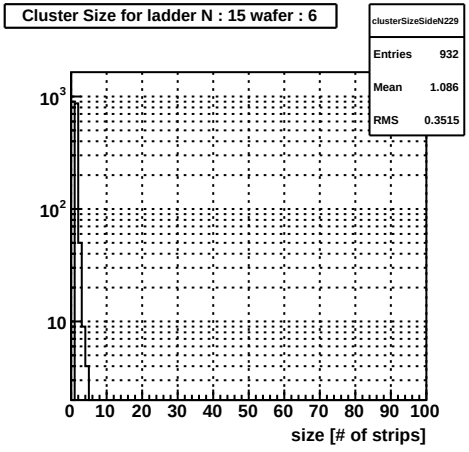

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 2736
Mean 1.225
RMS 0.5751
size [# of strips]

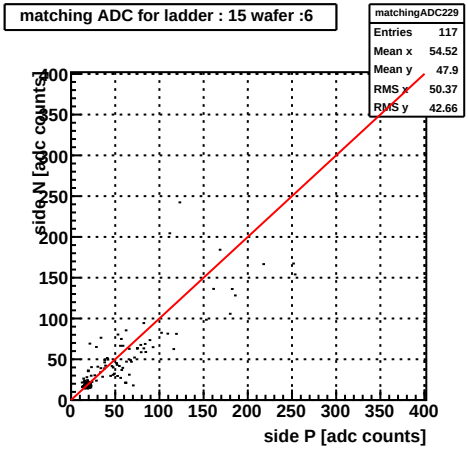

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 37
Mean x 51.65
Mean y 40.08
RMS x 54.93
RMS y 39.48
side N [adc counts]
side P [adc counts]

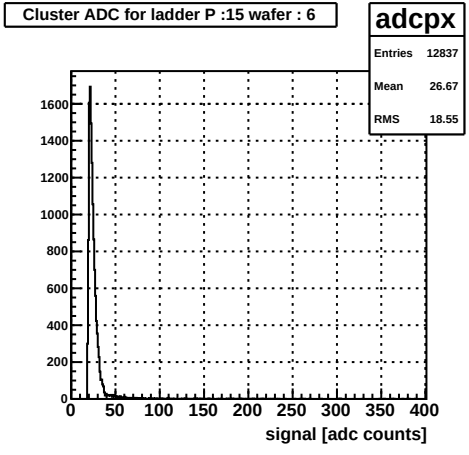

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 2294
Mean 33.67
RMS 15.21
signal [adc counts]

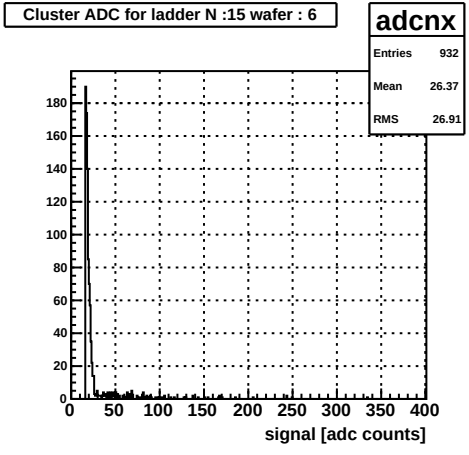

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 2736
Mean 33.48
RMS 38.99
signal [adc counts]

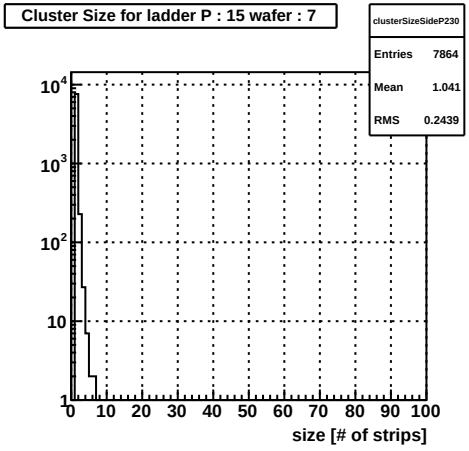

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 12837
Mean 1.024
RMS 0.1744
size [# of strips]

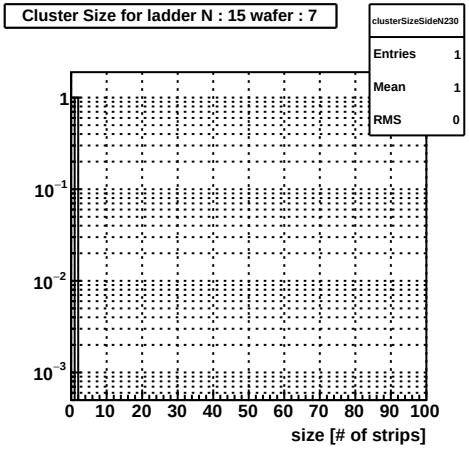

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 932
Mean 1.086
RMS 0.3515
size [# of strips]

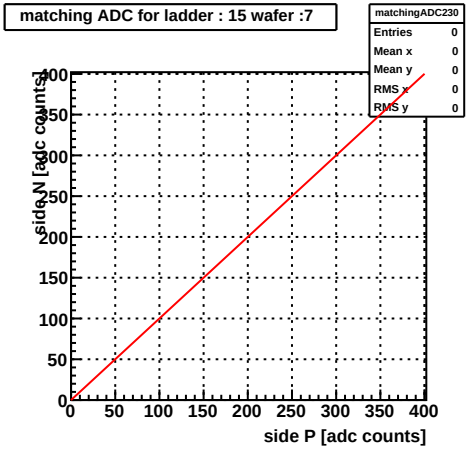

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 117
Mean x 54.52
Mean y 47.9
RMS x 50.37
RMS y 42.66
side N [adc counts]
side P [adc counts]

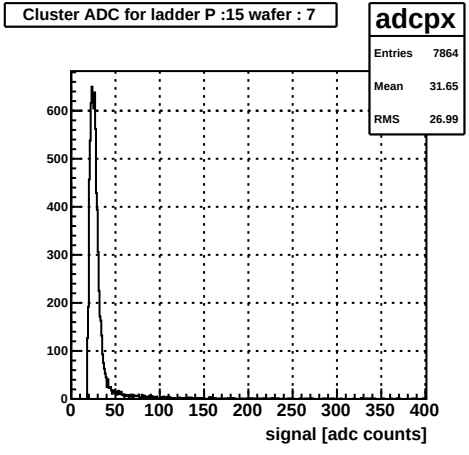

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 12837
Mean 26.67
RMS 18.55
signal [adc counts]

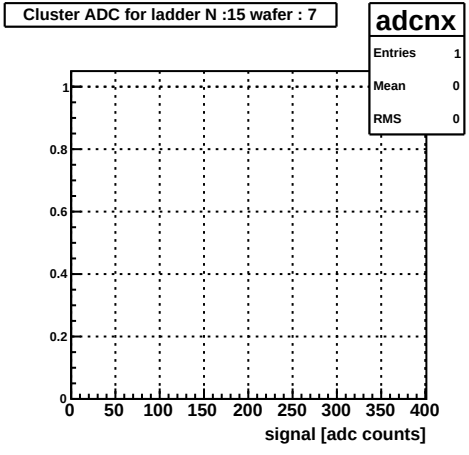

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 932
Mean 26.37
RMS 26.91
signal [adc counts]

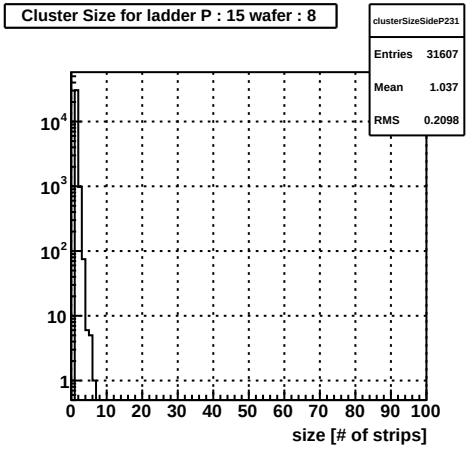

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 7864
Mean 1.041
RMS 0.2439
size [# of strips]

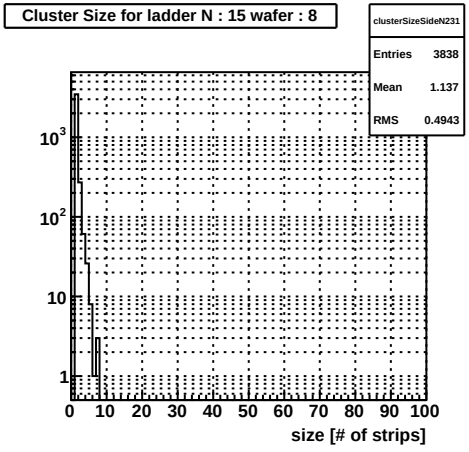

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 1
Mean 1
RMS 0
size [# of strips]

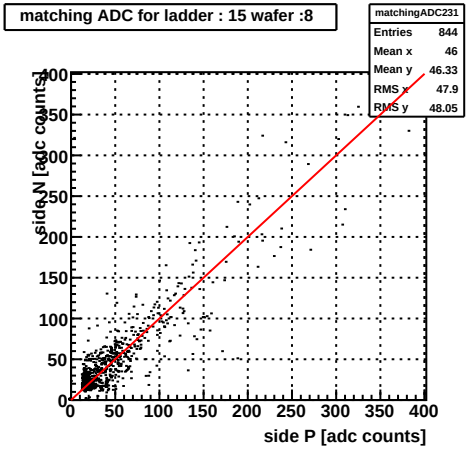

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

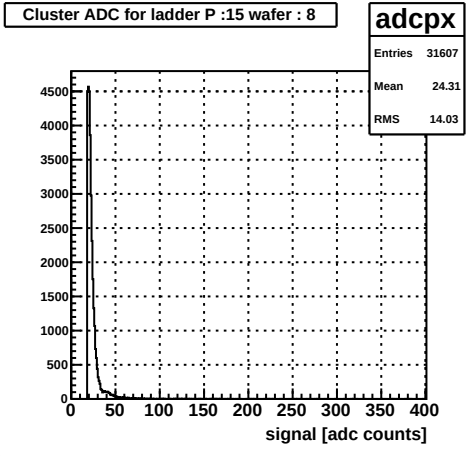

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 7864
Mean 31.65
RMS 26.99
signal [adc counts]

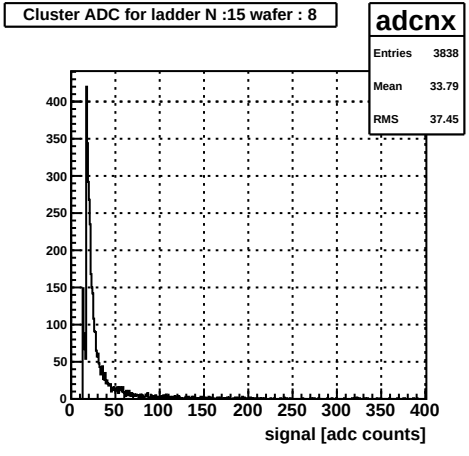

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

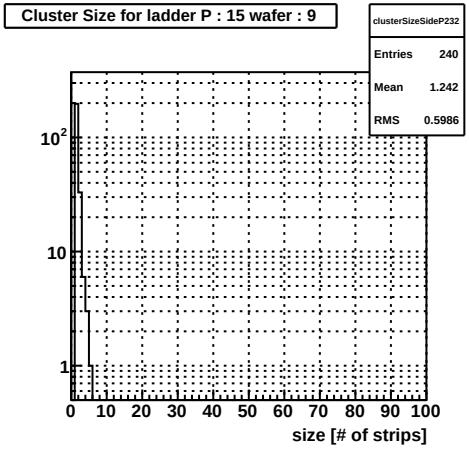

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 31607
Mean 1.037
RMS 0.2098
size [# of strips]

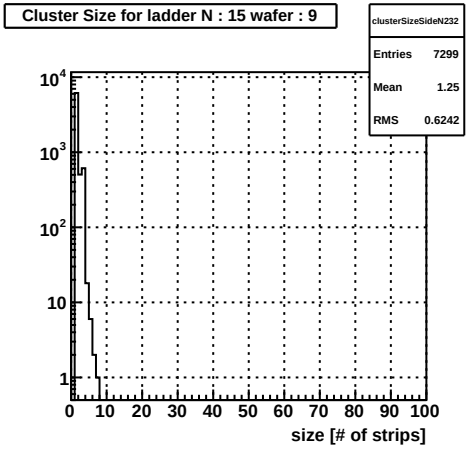

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 3838
Mean 1.137
RMS 0.4943
size [# of strips]

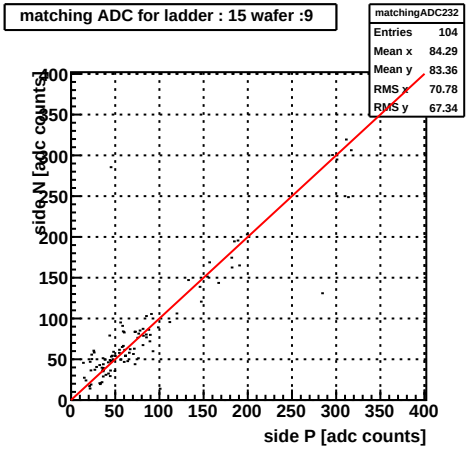

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 844
Mean x 46
Mean y 46.33
RMS x 47.9
RMS y 48.05
side N [adc counts]
side P [adc counts]

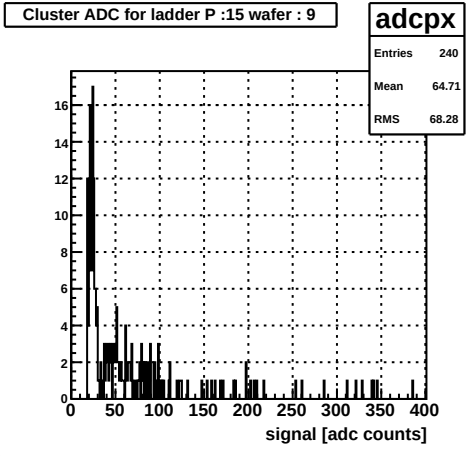

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 31607
Mean 24.31
RMS 14.03
signal [adc counts]

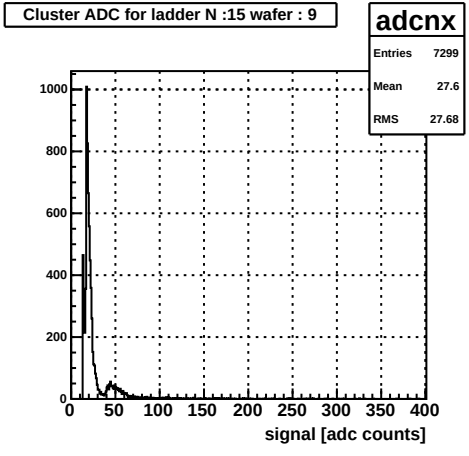

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 3838
Mean 33.79
RMS 37.45
signal [adc counts]

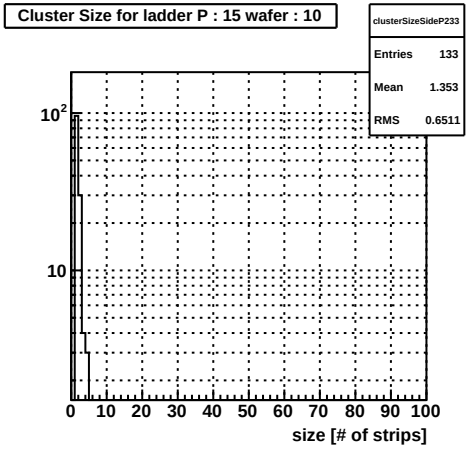

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 240
Mean 1.242
RMS 0.5986
size [# of strips]

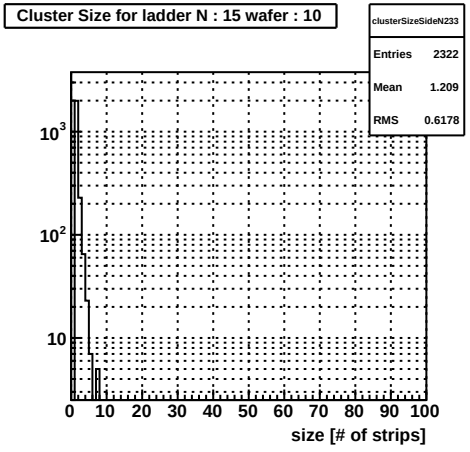

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 7299
Mean 1.25
RMS 0.6242
size [# of strips]

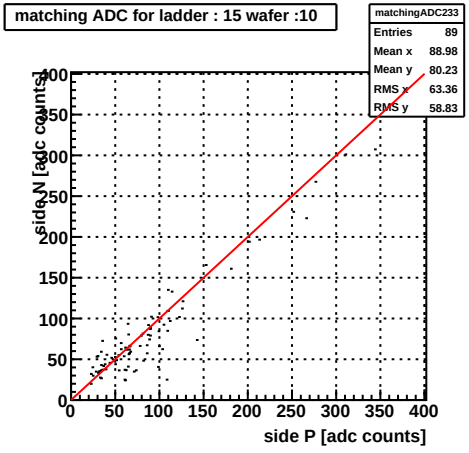

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 104
Mean x 84.29
Mean y 83.36
RMS x 70.78
RMS y 67.34
side N [adc counts]
side P [adc counts]

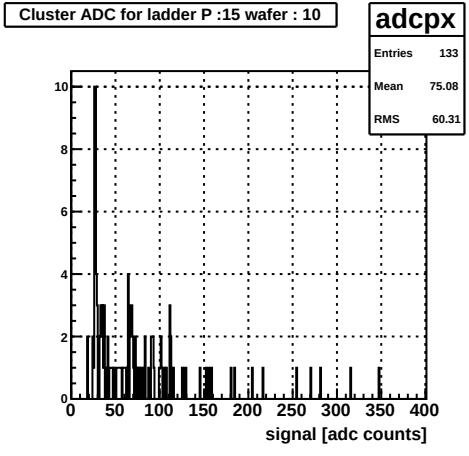

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 240
Mean 64.71
RMS 68.28
signal [adc counts]

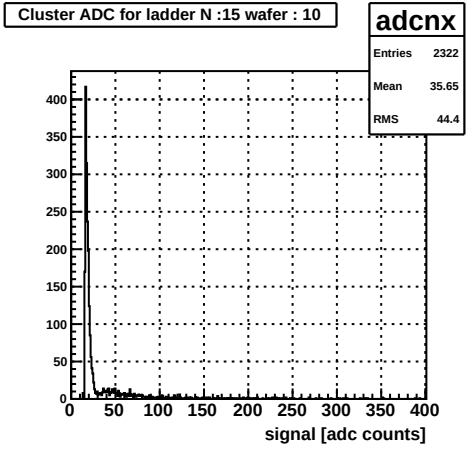

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 7299
Mean 27.6
RMS 27.68
signal [adc counts]

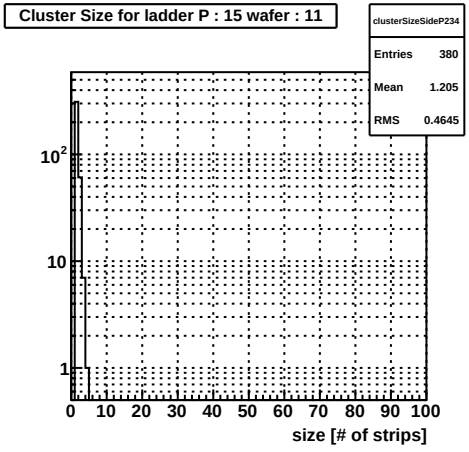

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 133
Mean 1.353
RMS 0.6511
size [# of strips]

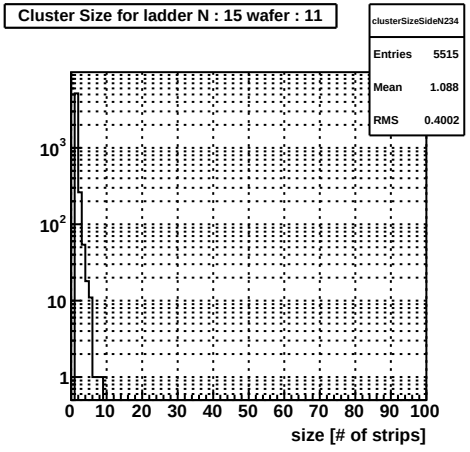

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2322
Mean 1.209
RMS 0.6178
size [# of strips]

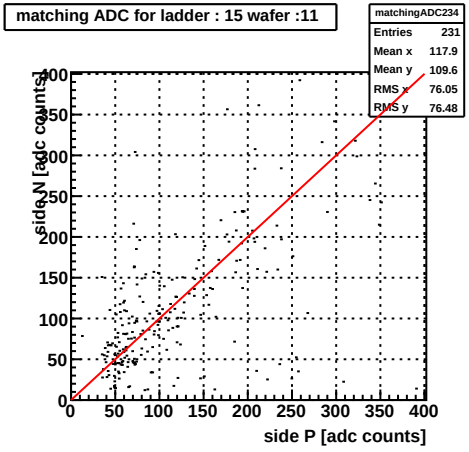

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 89
Mean x 88.98
Mean y 80.23
RMS x 63.36
RMS y 58.83
side N [adc counts]
side P [adc counts]

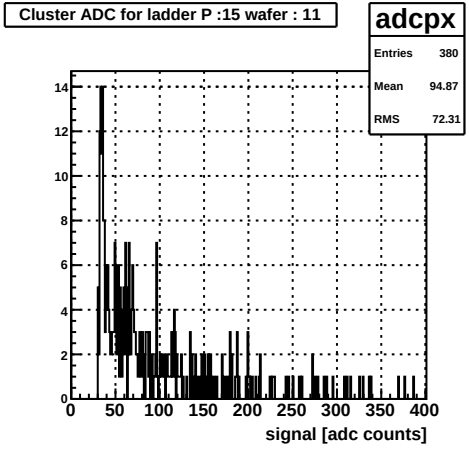

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 133
Mean 75.08
RMS 60.31
signal [adc counts]

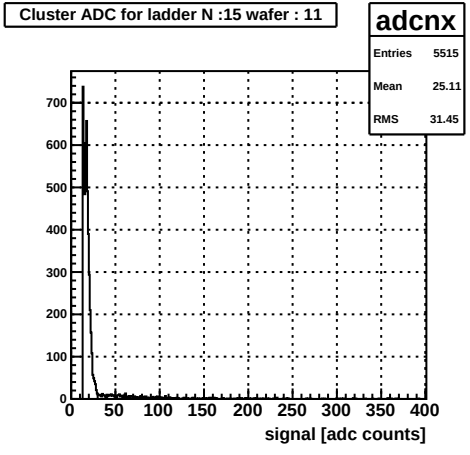

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2322
Mean 35.65
RMS 44.4
signal [adc counts]

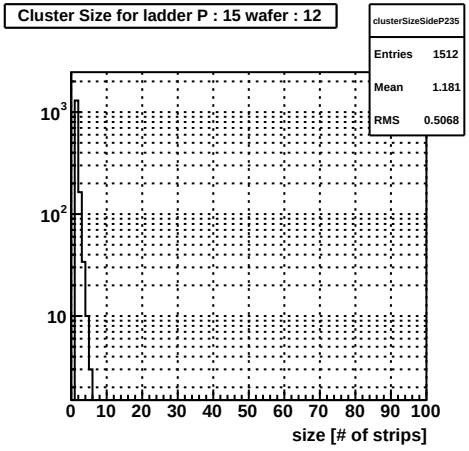

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 380
Mean 1.205
RMS 0.4645
size [# of strips]

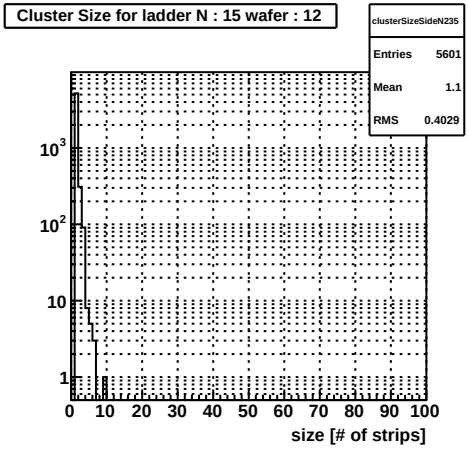

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 5515
Mean 1.088
RMS 0.4002
size [# of strips]

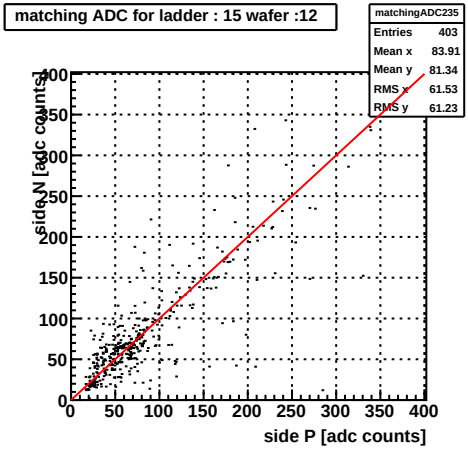

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 231
Mean x 117.9
Mean y 109.6
RMS x 76.05
RMS y 76.48
side N [adc counts]
side P [adc counts]

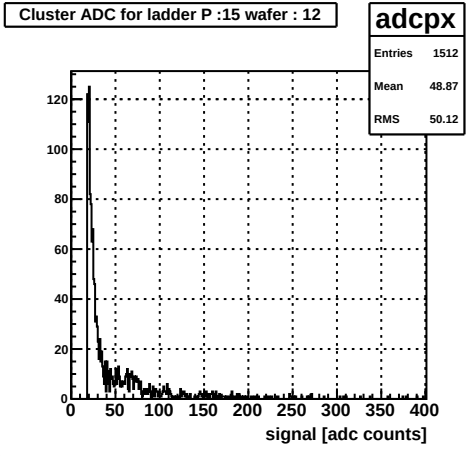

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 380
Mean 94.87
RMS 72.31
signal [adc counts]

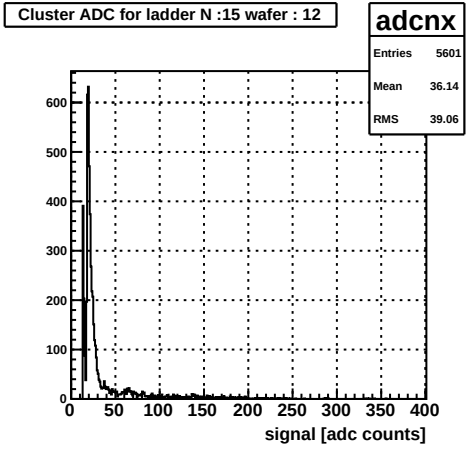

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 5515
Mean 25.11
RMS 31.45
signal [adc counts]

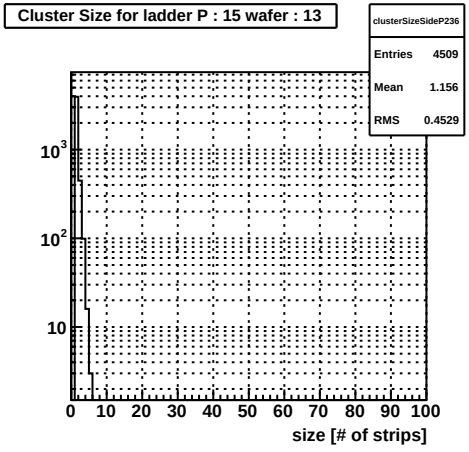

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1512
Mean 1.181
RMS 0.5068
size [# of strips]

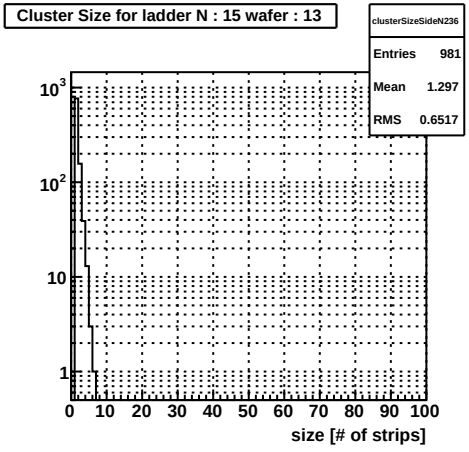

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 5601
Mean 1.1
RMS 0.4029
size [# of strips]

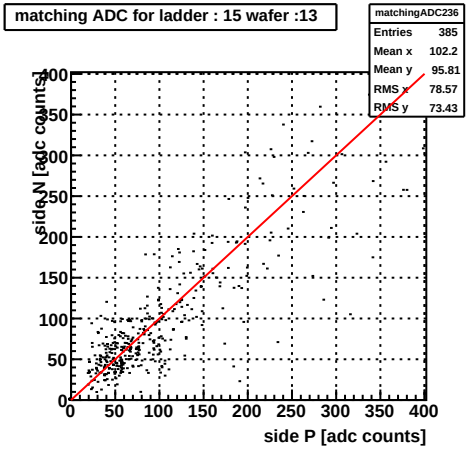

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 403
Mean x 83.91
Mean y 81.34
RMS x 61.53
RMS y 61.23
side N [adc counts]
side P [adc counts]

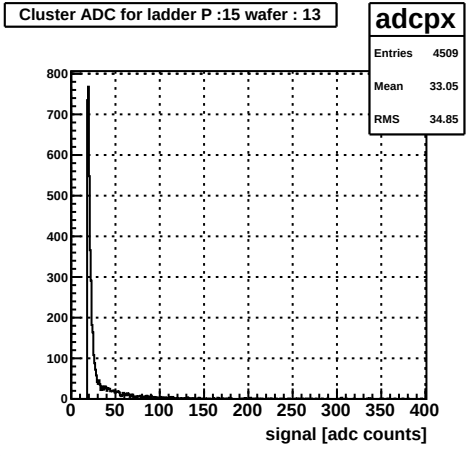

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1512
Mean 48.87
RMS 50.12
signal [adc counts]

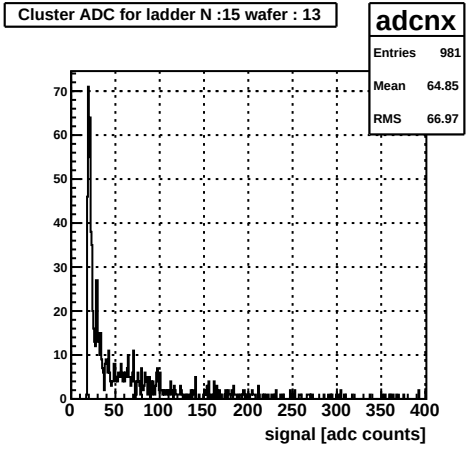

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 5601
Mean 36.14
RMS 39.06
signal [adc counts]

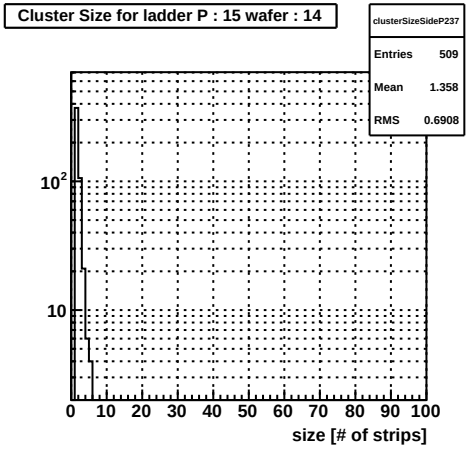

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4509
Mean 1.156
RMS 0.4529
size [# of strips]

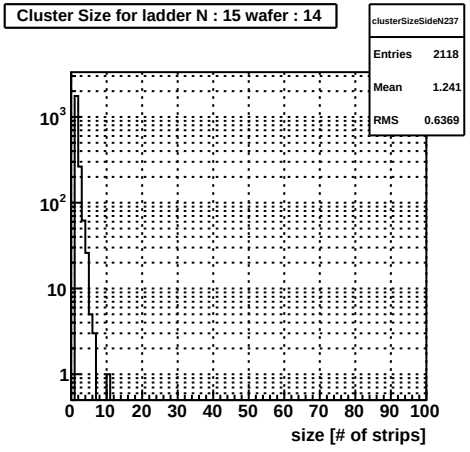

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 981
Mean 1.297
RMS 0.6517
size [# of strips]

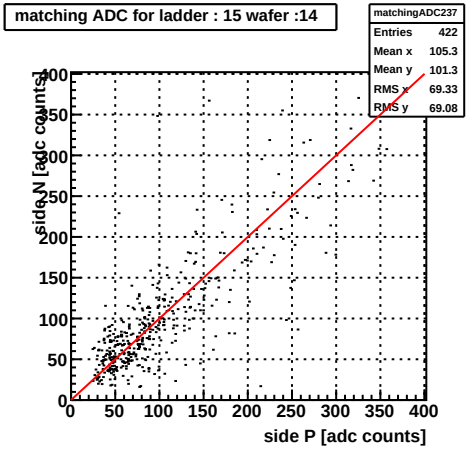

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 385
Mean x 102.2
Mean y 95.81
RMS x 78.57
RMS y 73.43
side N [adc counts]
side P [adc counts]

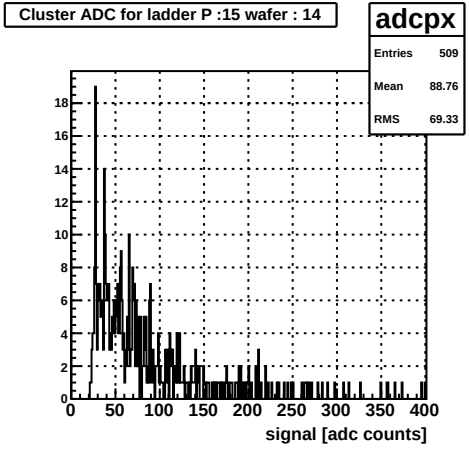

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4509
Mean 33.05
RMS 34.85
signal [adc counts]

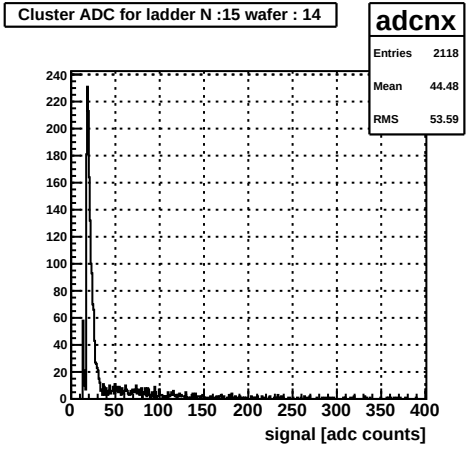

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 981
Mean 64.85
RMS 66.97
signal [adc counts]

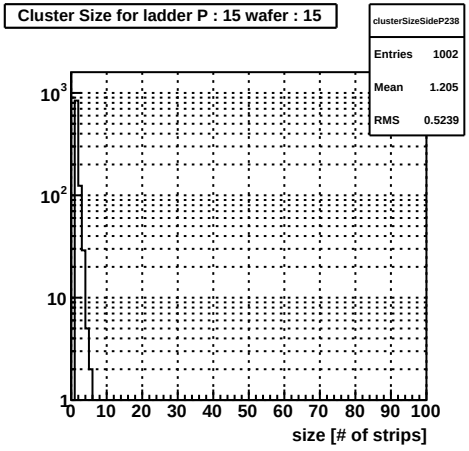

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 509
Mean 1.358
RMS 0.6908
size [# of strips]

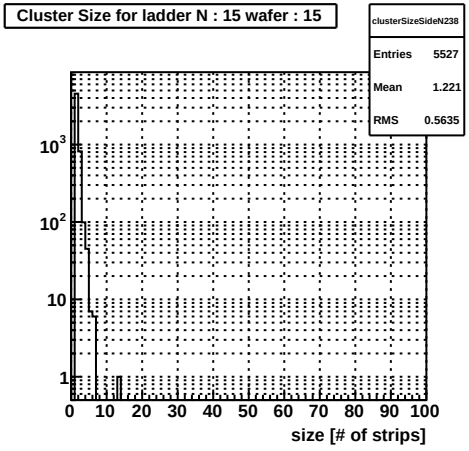

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2118
Mean 1.241
RMS 0.6369
size [# of strips]

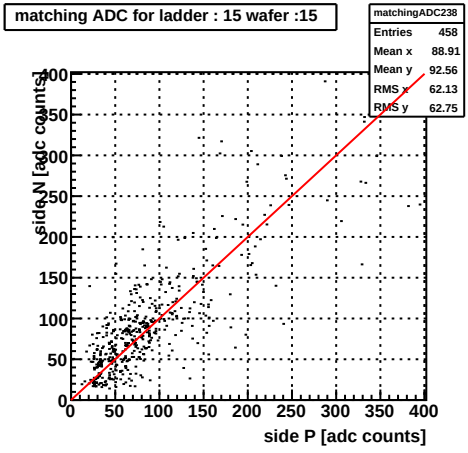

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 422
Mean x 105.3
Mean y 101.3
RMS x 69.33
RMS y 69.08
side N [adc counts]
side P [adc counts]

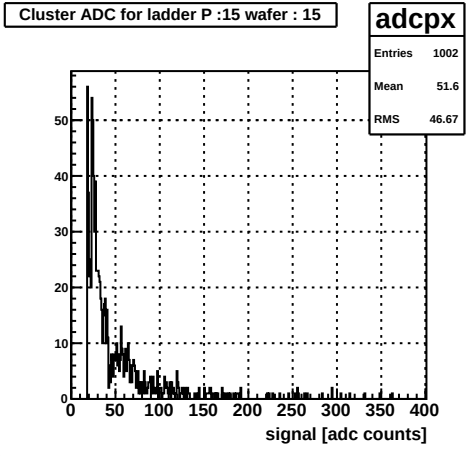

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 509
Mean 88.76
RMS 69.33
signal [adc counts]

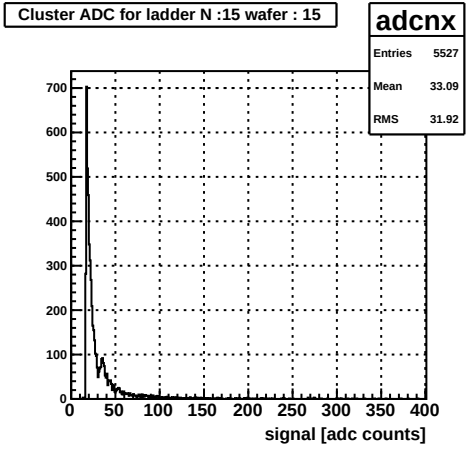

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2118
Mean 44.48
RMS 53.59
signal [adc counts]

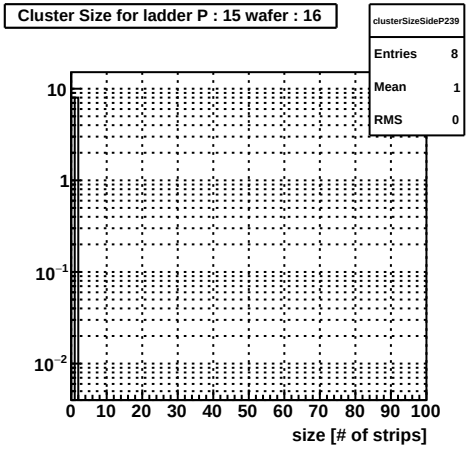

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1002
Mean 1.205
RMS 0.5239
size [# of strips]

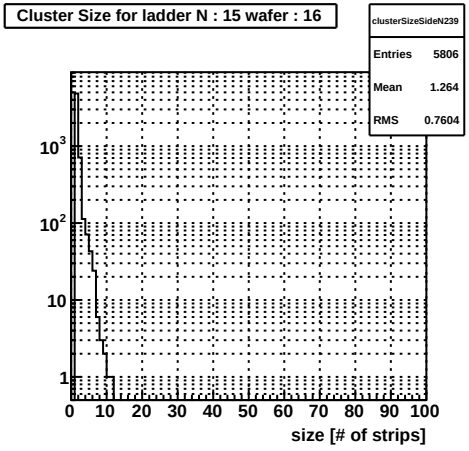

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 5527
Mean 1.221
RMS 0.5635
size [# of strips]

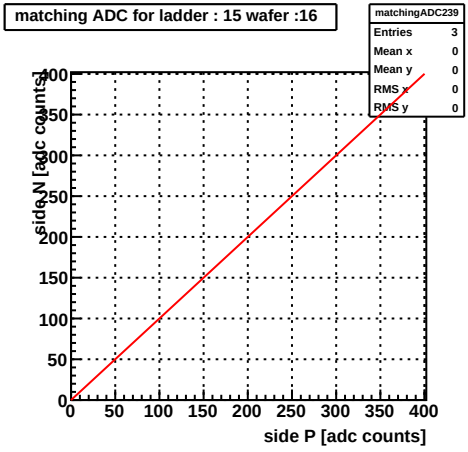

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 458
Mean x 88.91
Mean y 92.56
RMS x 62.13
RMS y 62.75
side N [adc counts]
side P [adc counts]

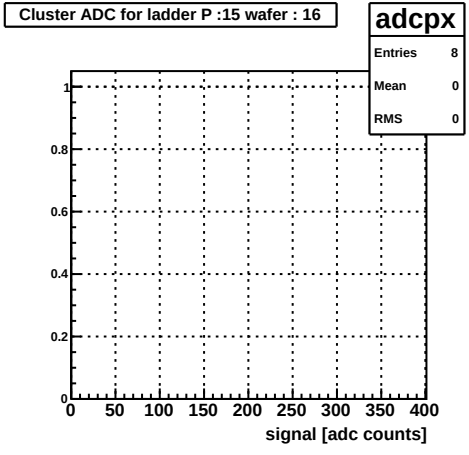

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1002
Mean 51.6
RMS 46.67
signal [adc counts]

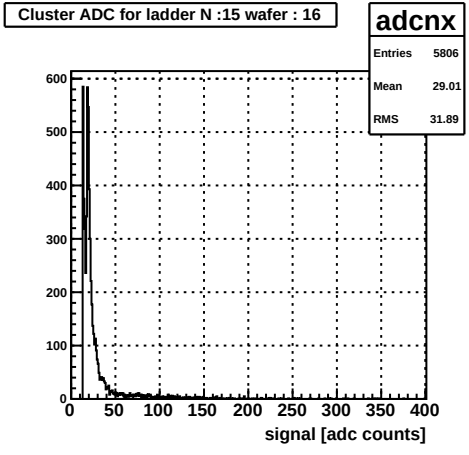

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 5527
Mean 33.09
RMS 31.92
signal [adc counts]

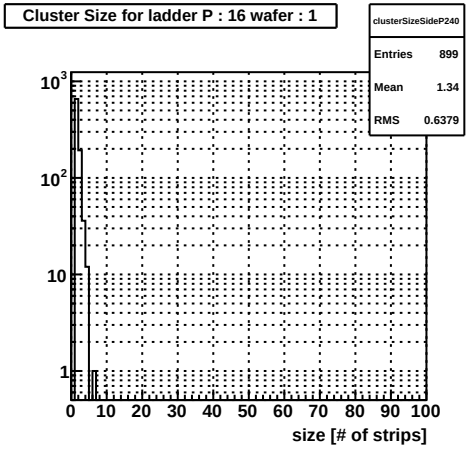

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 8
Mean 1
RMS 0
size [# of strips]

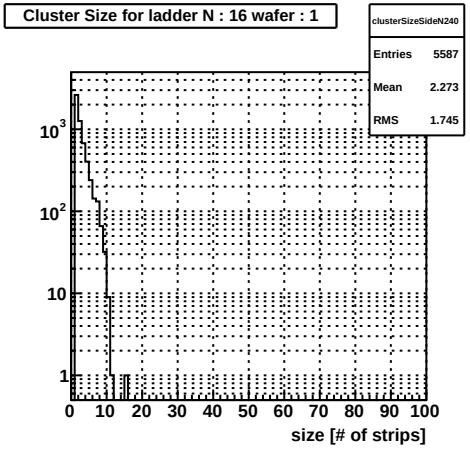

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 5806
Mean 1.264
RMS 0.7604
size [# of strips]

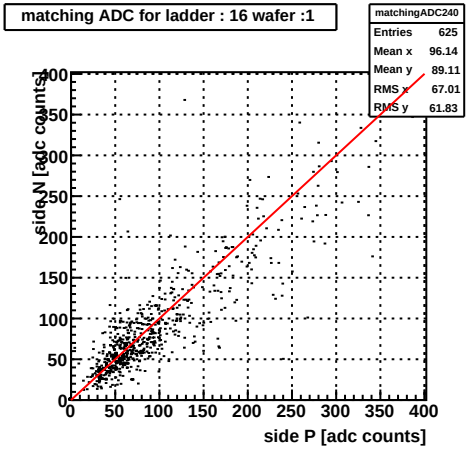

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

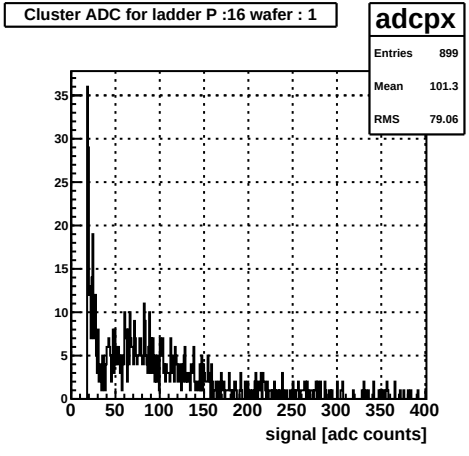

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 8
Mean 0
RMS 0
signal [adc counts]

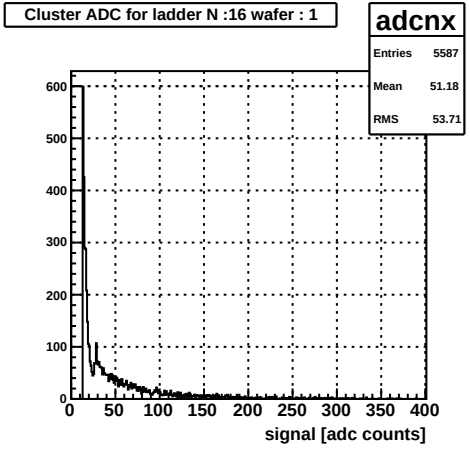

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 5806
Mean 29.01
RMS 31.89
signal [adc counts]

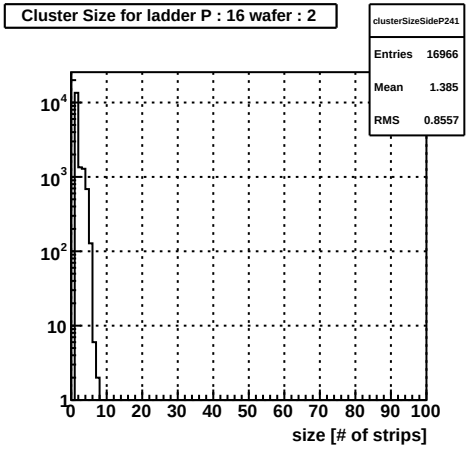

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 899
Mean 1.34
RMS 0.6379
size [# of strips]

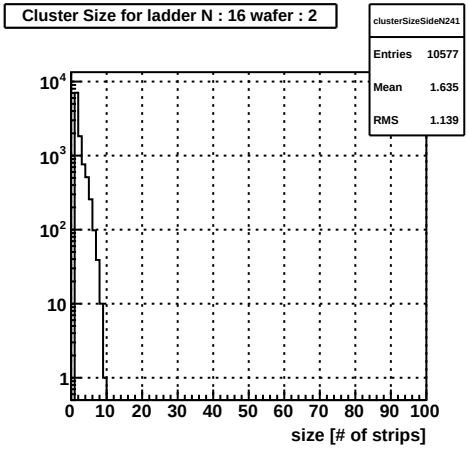

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 5587
Mean 2.273
RMS 1.745
size [# of strips]

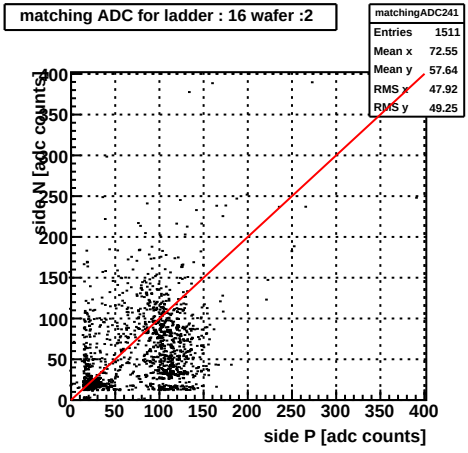

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 625
Mean x 96.14
Mean y 89.11
RMS x 67.01
RMS y 61.83
side N [adc counts]
side P [adc counts]

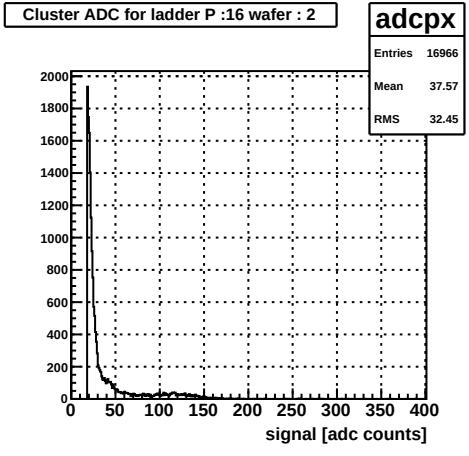

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 899
Mean 101.3
RMS 79.06
signal [adc counts]

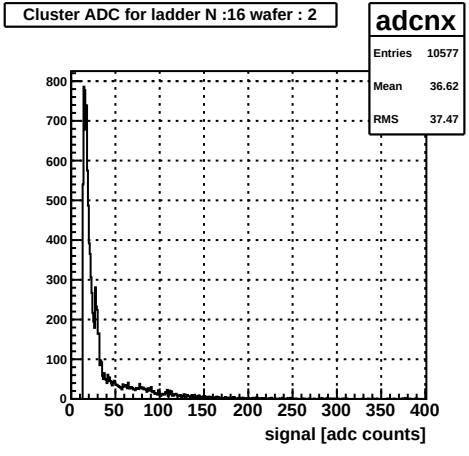

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 5587
Mean 51.18
RMS 53.71
signal [adc counts]

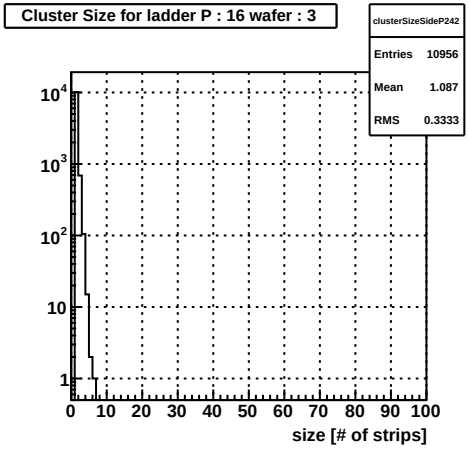

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 16966
Mean 1.385
RMS 0.8557
size [# of strips]

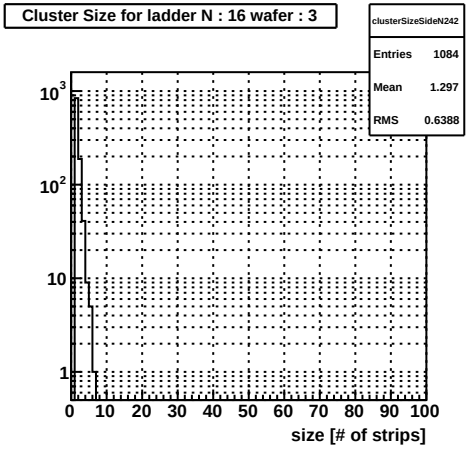

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 10577
Mean 1.635
RMS 1.139
size [# of strips]

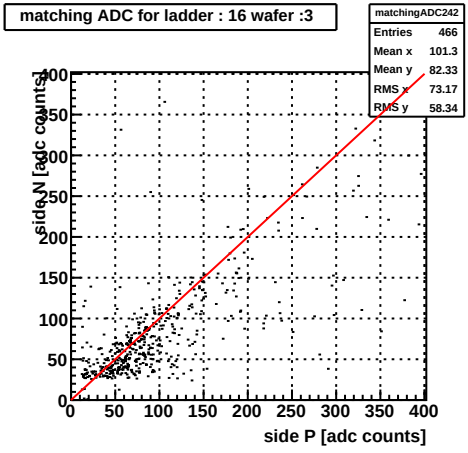

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 1511
Mean x 72.55
Mean y 57.64
RMS x 47.92
RMS y 49.25
side N [adc counts]
side P [adc counts]

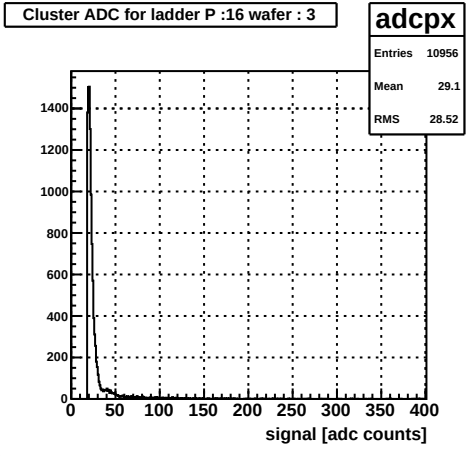

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 16966
Mean 37.57
RMS 32.45
signal [adc counts]

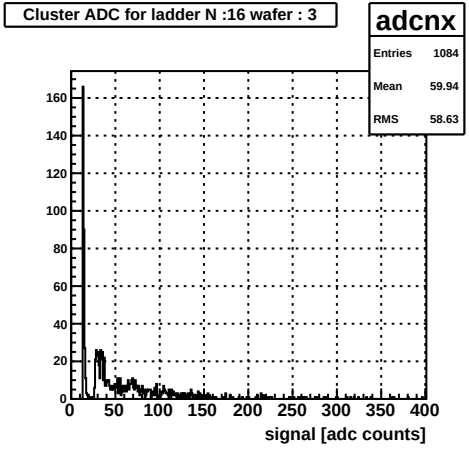

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 10577
Mean 36.62
RMS 37.47
signal [adc counts]

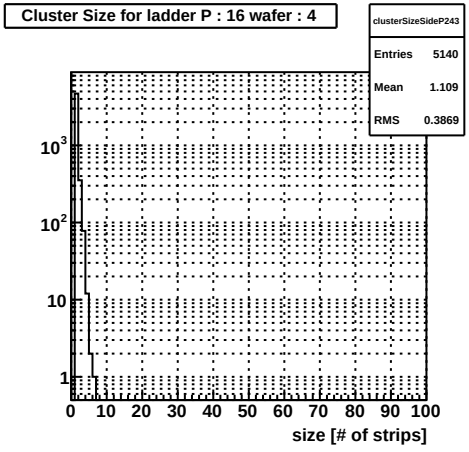

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 10956
Mean 1.087
RMS 0.3333
size [# of strips]

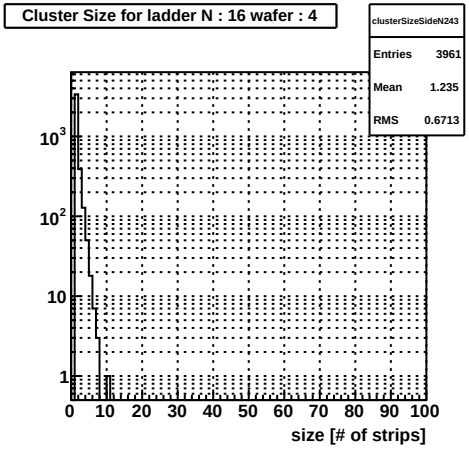

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 1084
Mean 1.297
RMS 0.6388
size [# of strips]

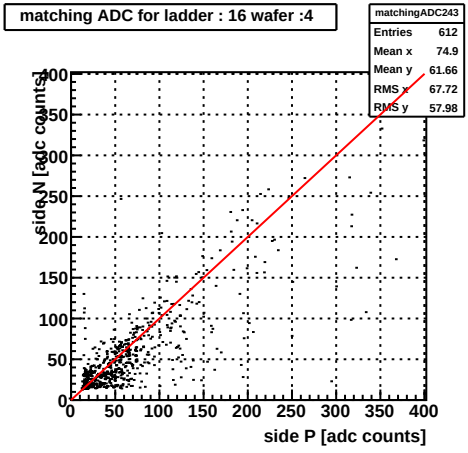

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 466
Mean x 101.3
Mean y 82.33
RMS x 73.17
RMS y 58.34
side N [adc counts]
side P [adc counts]

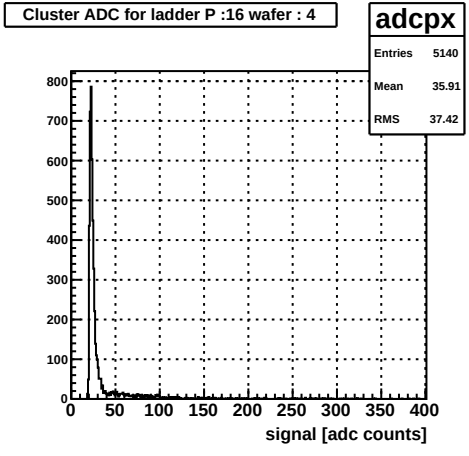

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 10956
Mean 29.1
RMS 28.52
signal [adc counts]

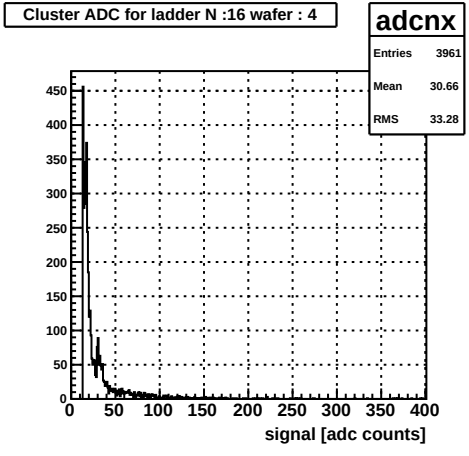

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 1084
Mean 59.94
RMS 58.63
signal [adc counts]

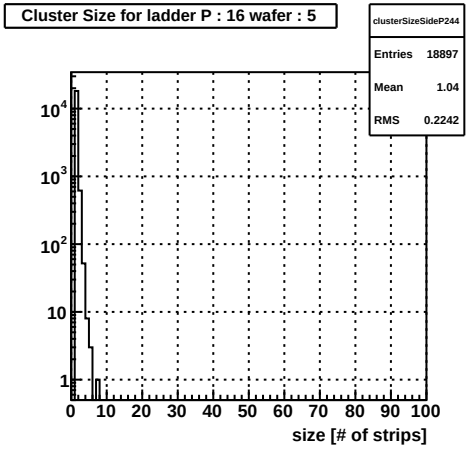

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 5140
Mean 1.109
RMS 0.3869
size [# of strips]

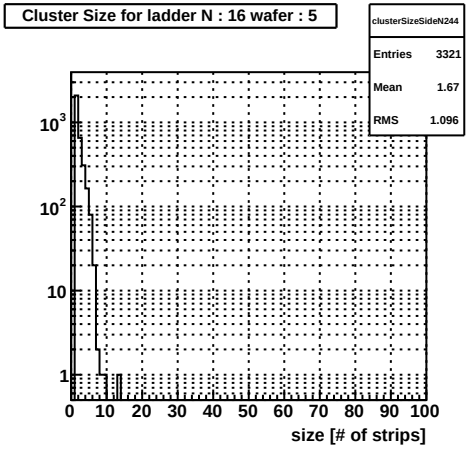

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 3961
Mean 1.235
RMS 0.6713
size [# of strips]

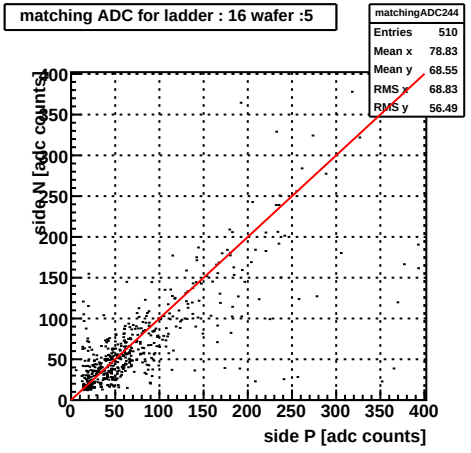

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 612
Mean x 74.9
Mean y 61.66
RMS x 67.72
RMS y 57.98
side N [adc counts]
side P [adc counts]

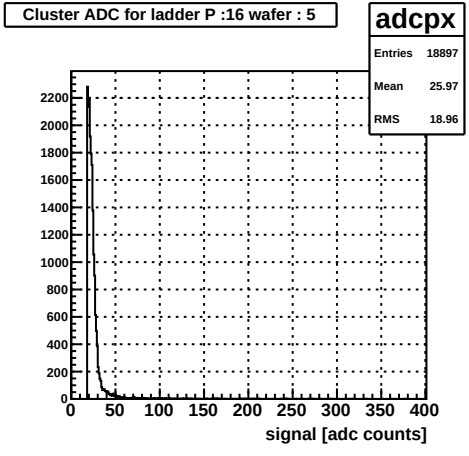

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 5140
Mean 35.91
RMS 37.42
signal [adc counts]

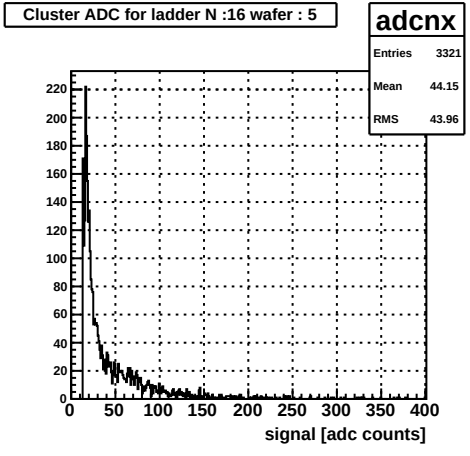

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 3961
Mean 30.66
RMS 33.28
signal [adc counts]

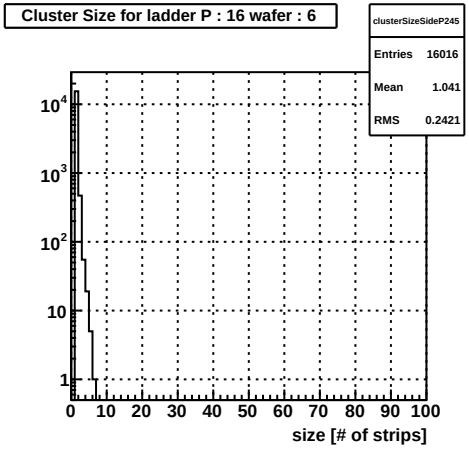

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 18897
Mean 1.04
RMS 0.2242
size [# of strips]

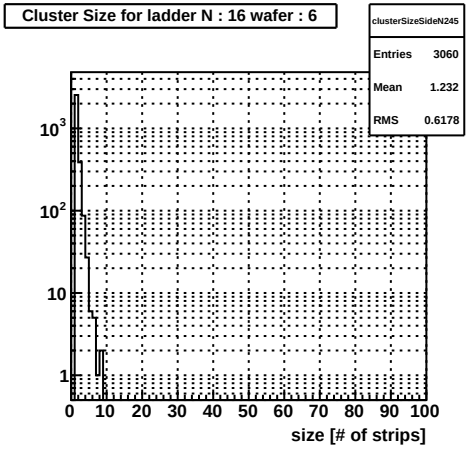

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 3321
Mean 1.67
RMS 1.096
size [# of strips]

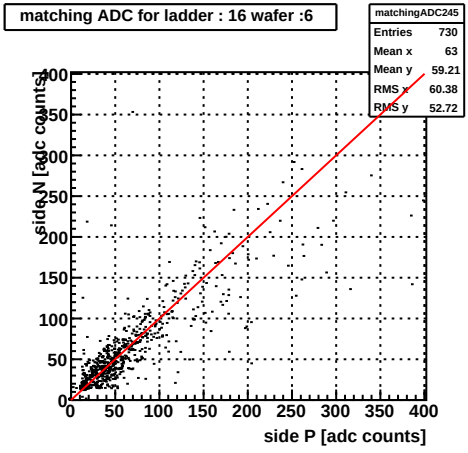

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 510
Mean x 78.83
Mean y 68.55
RMS x 68.83
RMS y 56.49
side N [adc counts]
side P [adc counts]

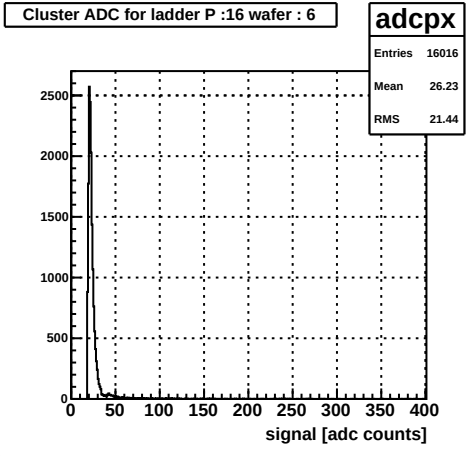

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 18897
Mean 25.97
RMS 18.96
signal [adc counts]

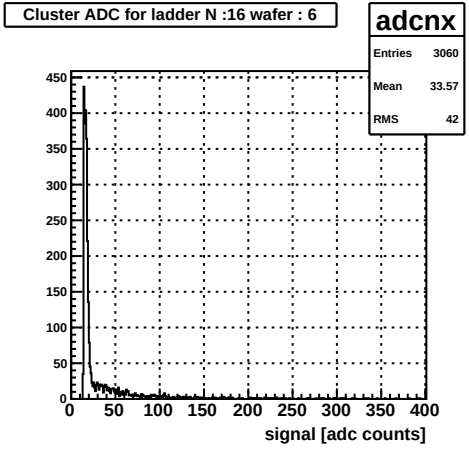

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 3321
Mean 44.15
RMS 43.96
signal [adc counts]

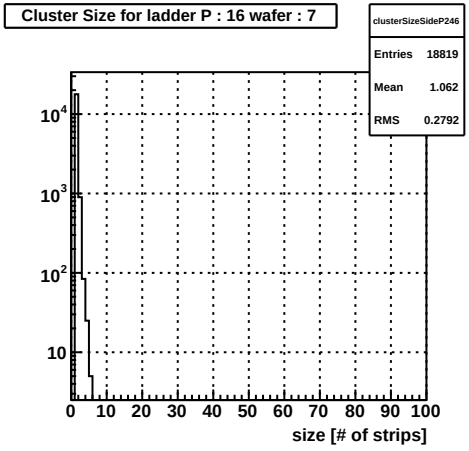

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 16016
Mean 1.041
RMS 0.2421
size [# of strips]

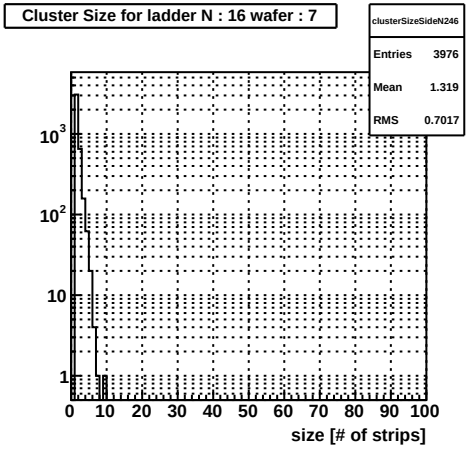

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 3060
Mean 1.232
RMS 0.6178
size [# of strips]

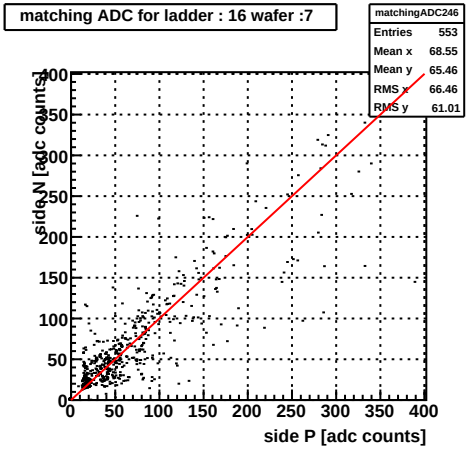

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 730
Mean x 63
Mean y 59.21
RMS x 60.38
RMS y 52.72
side N [adc counts]
side P [adc counts]

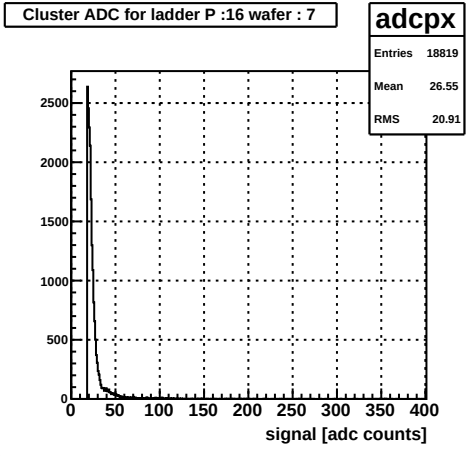

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 16016
Mean 26.23
RMS 21.44
signal [adc counts]

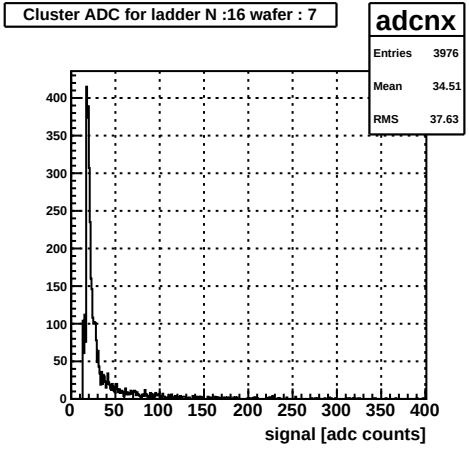

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 3060
Mean 33.57
RMS 42
signal [adc counts]

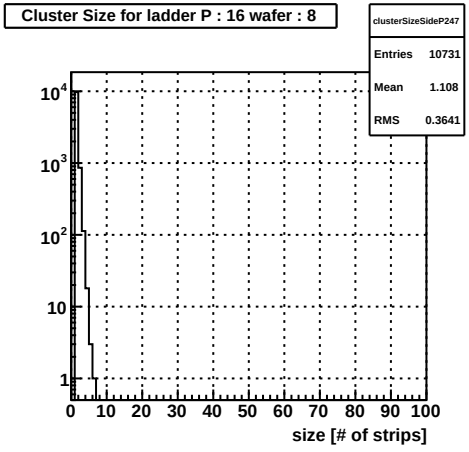

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 18819
Mean 1.062
RMS 0.2792
size [# of strips]

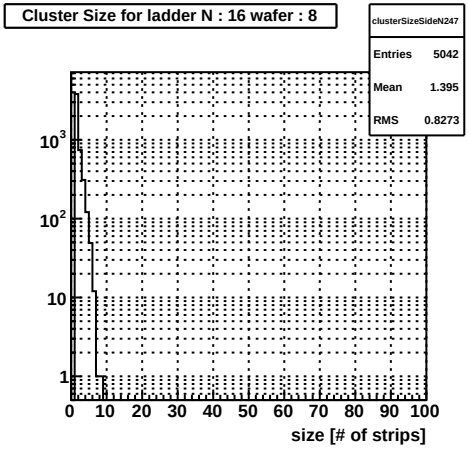

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 3976
Mean 1.319
RMS 0.7017
size [# of strips]

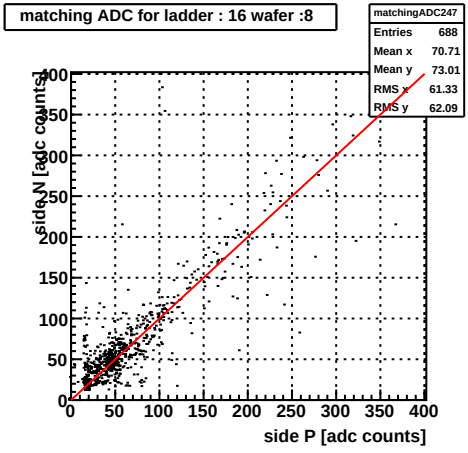

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 553
Mean x 68.55
Mean y 65.46
RMS x 66.46
RMS y 61.01
side N [adc counts]
side P [adc counts]

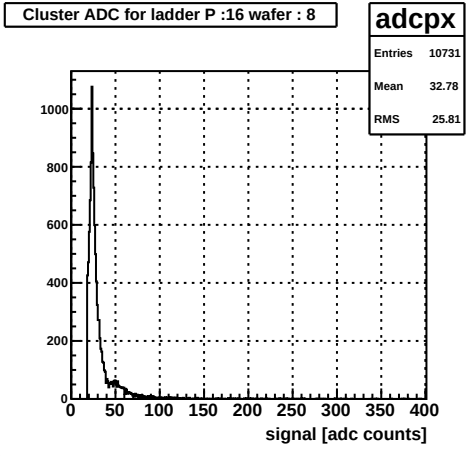

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 18819
Mean 26.55
RMS 20.91
signal [adc counts]

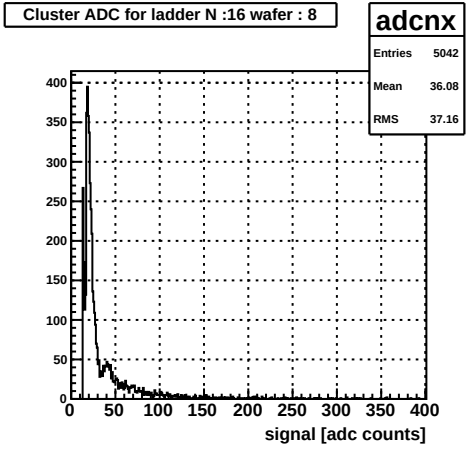

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 3976
Mean 34.51
RMS 37.63
signal [adc counts]

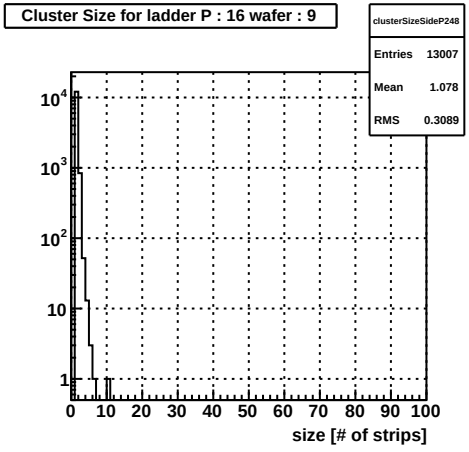

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 10731
Mean 1.108
RMS 0.3641
size [# of strips]

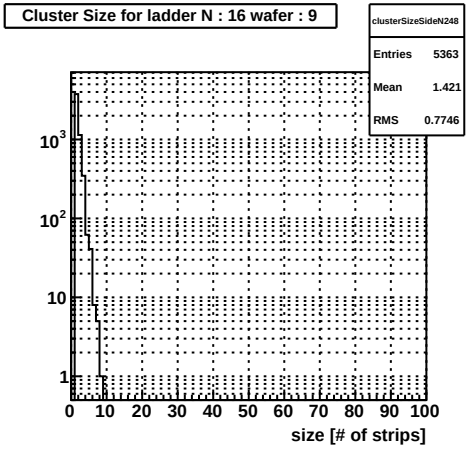

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 5042
Mean 1.395
RMS 0.8273
size [# of strips]

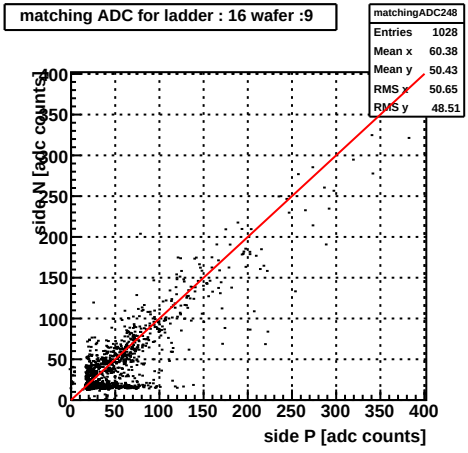

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 688
Mean x 70.71
Mean y 73.01
RMS x 61.33
RMS y 62.09
side N [adc counts]
side P [adc counts]

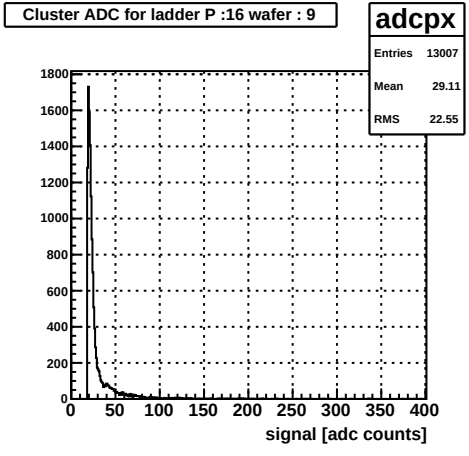

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 10731
Mean 32.78
RMS 25.81
signal [adc counts]

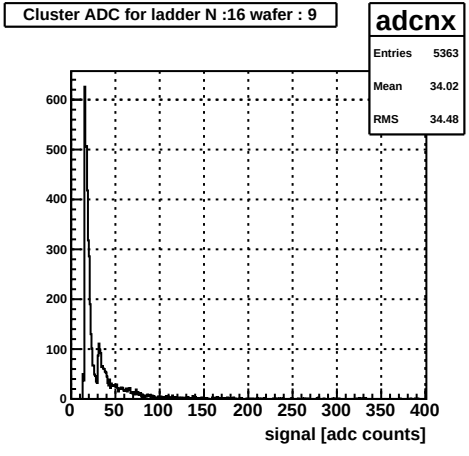

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 5042
Mean 36.08
RMS 37.16
signal [adc counts]

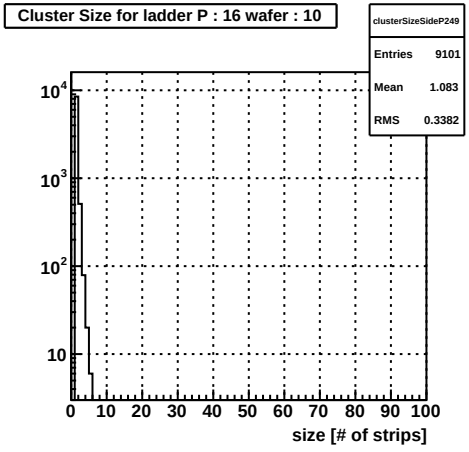

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 13007
Mean 1.078
RMS 0.3089
size [# of strips]

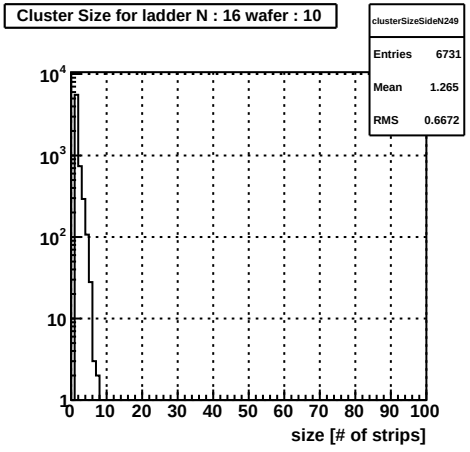

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 5363
Mean 1.421
RMS 0.7746
size [# of strips]

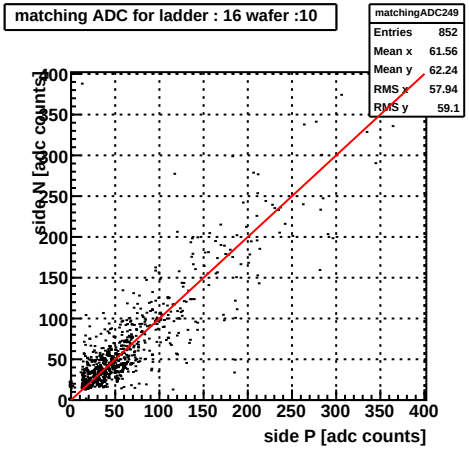

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 1028
Mean x 60.38
Mean y 50.43
RMS x 50.65
RMS y 48.51
side N [adc counts]
side P [adc counts]

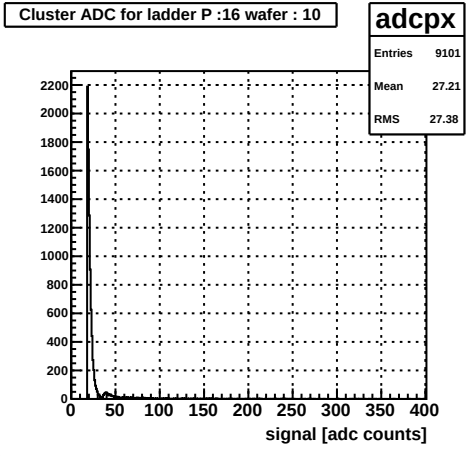

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 13007
Mean 29.11
RMS 22.55
signal [adc counts]

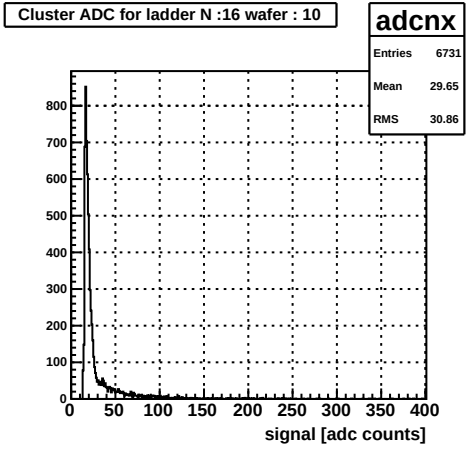

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 5363
Mean 34.02
RMS 34.48
signal [adc counts]

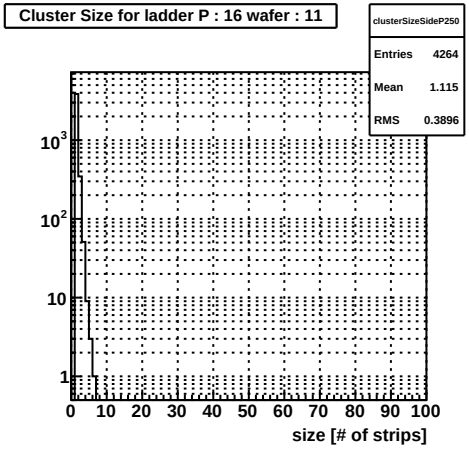

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 9101
Mean 1.083
RMS 0.3382
size [# of strips]

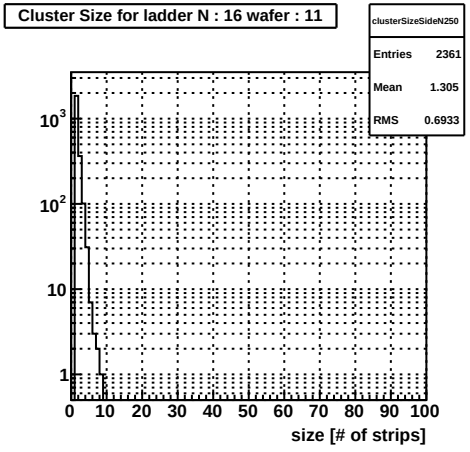

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 6731
Mean 1.265
RMS 0.6672
size [# of strips]

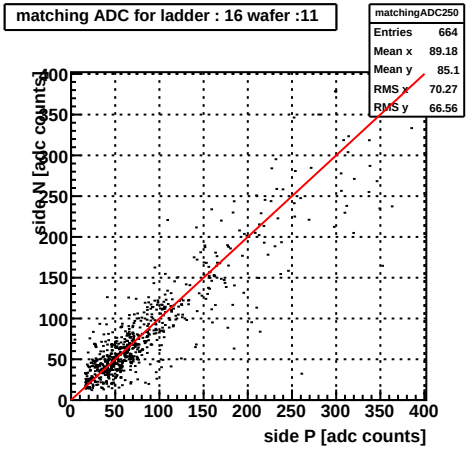

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 852
Mean x 61.56
Mean y 62.24
RMS x 57.94
RMS y 59.1
side N [adc counts]
side P [adc counts]

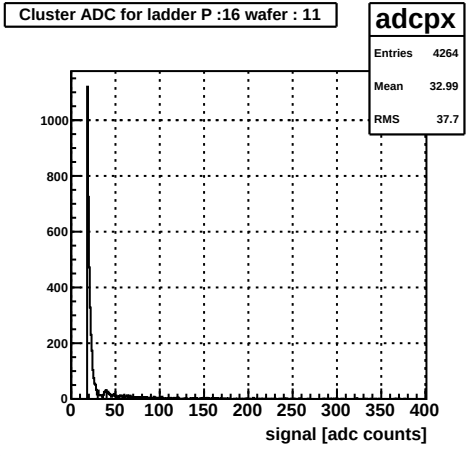

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 9101
Mean 27.21
RMS 27.38
signal [adc counts]

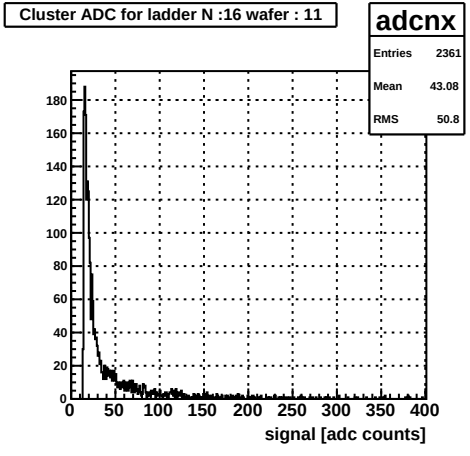

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 6731
Mean 29.65
RMS 30.86
signal [adc counts]

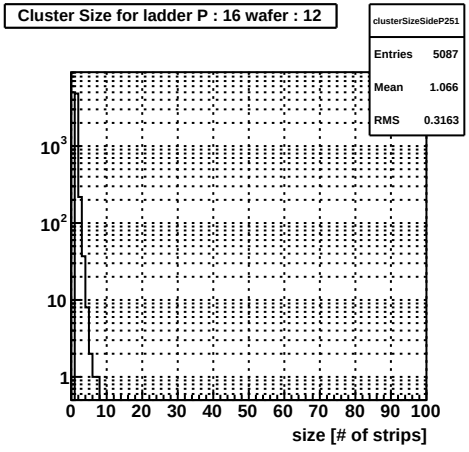

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 4264
Mean 1.115
RMS 0.3896
size [# of strips]

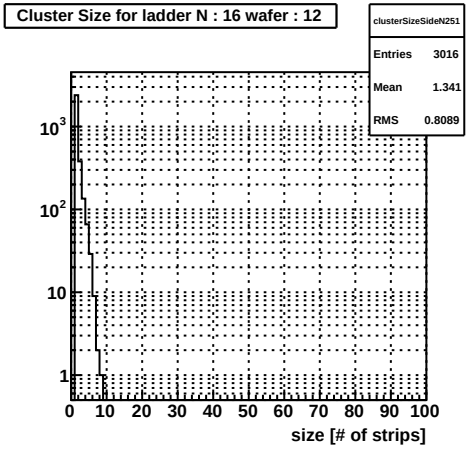

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 2361
Mean 1.305
RMS 0.6933
size [# of strips]

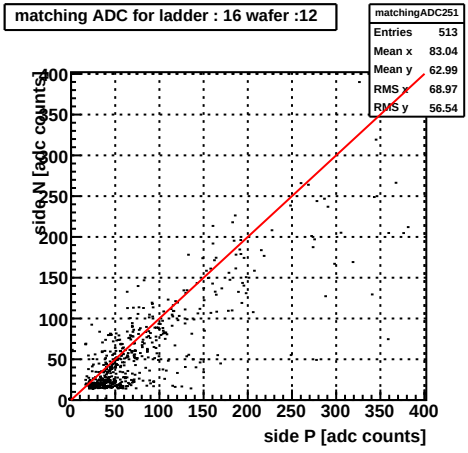

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 664
Mean x 89.18
Mean y 85.1
RMS x 70.27
RMS y 66.56
side N [adc counts]
side P [adc counts]

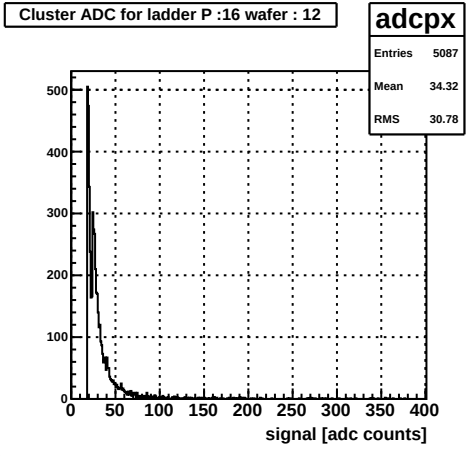

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 4264
Mean 32.99
RMS 37.7
signal [adc counts]

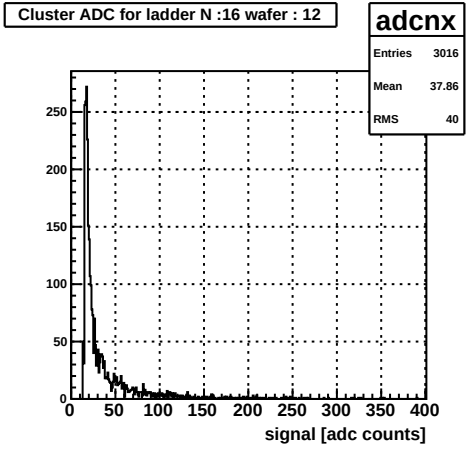

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 2361
Mean 43.08
RMS 50.8
signal [adc counts]

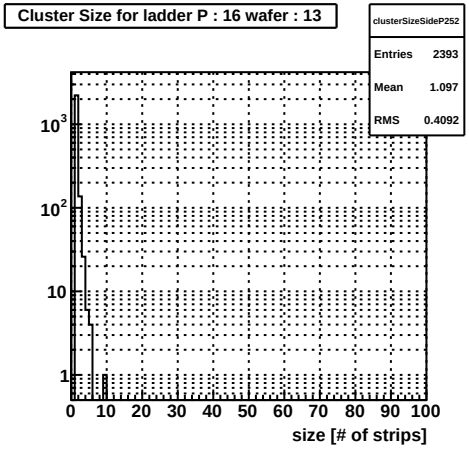

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 5087
Mean 1.066
RMS 0.3163
size [# of strips]

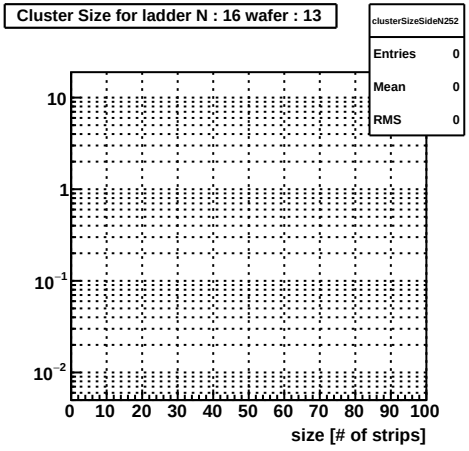

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3016
Mean 1.341
RMS 0.8089
size [# of strips]

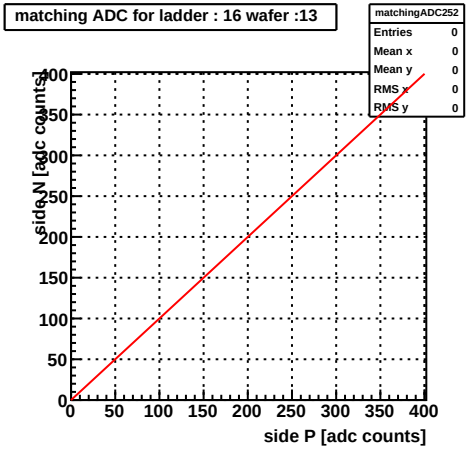

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 513
Mean x 83.04
Mean y 62.99
RMS x 68.97
RMS y 56.54
side N [adc counts]
side P [adc counts]

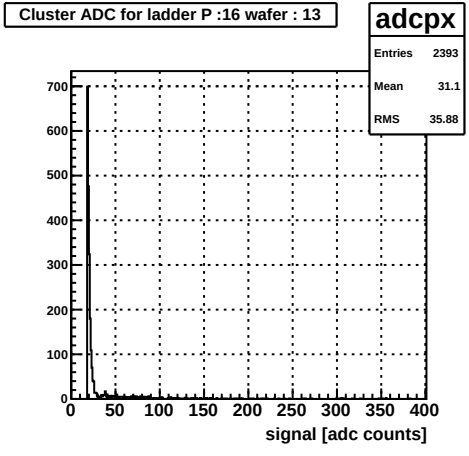

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 5087
Mean 34.32
RMS 30.78
signal [adc counts]

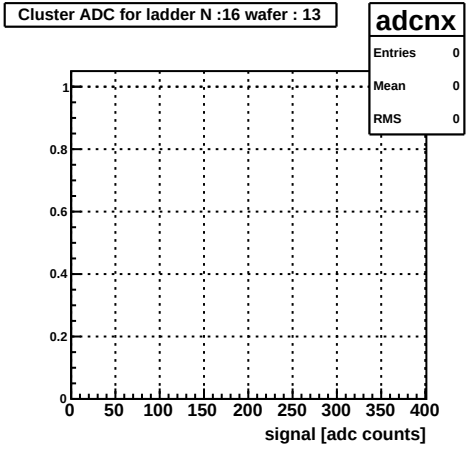

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3016
Mean 37.86
RMS 40
signal [adc counts]

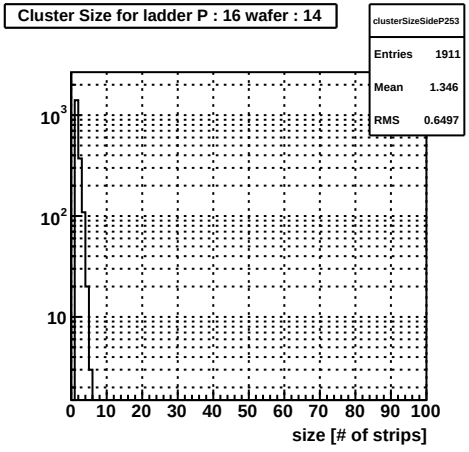

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 2393
Mean 1.097
RMS 0.4092
size [# of strips]

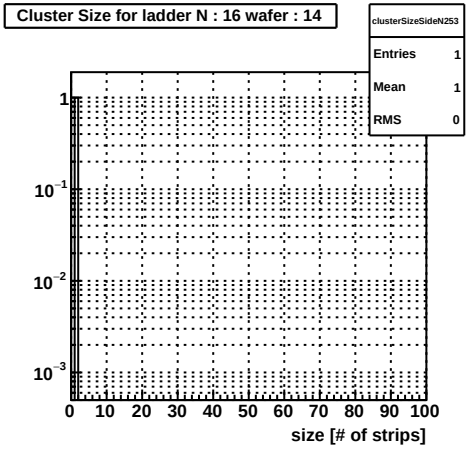

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

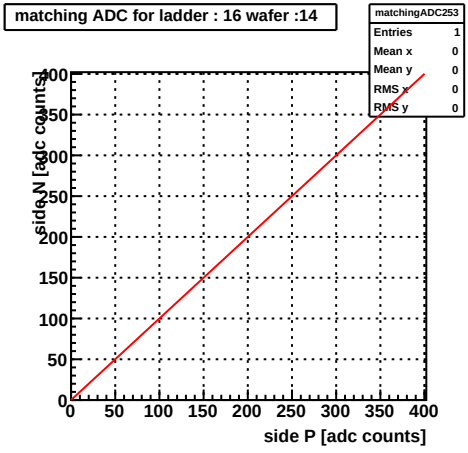

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

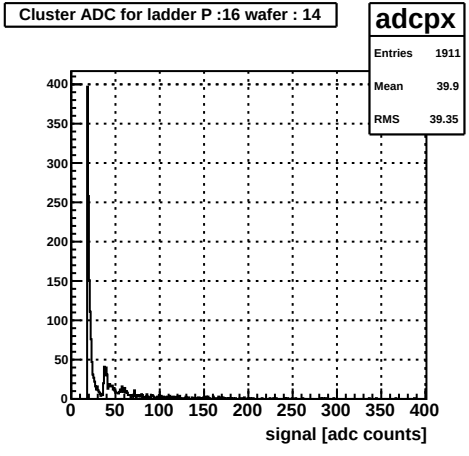

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 2393
Mean 31.1
RMS 35.88
signal [adc counts]

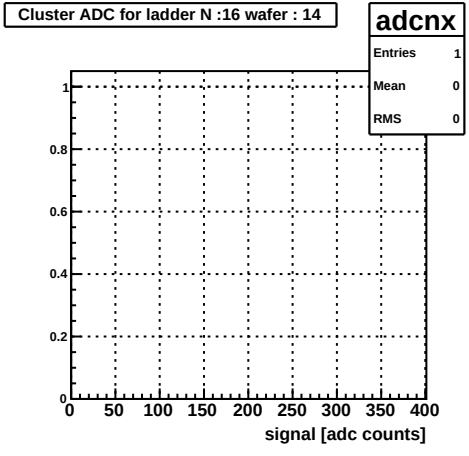

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

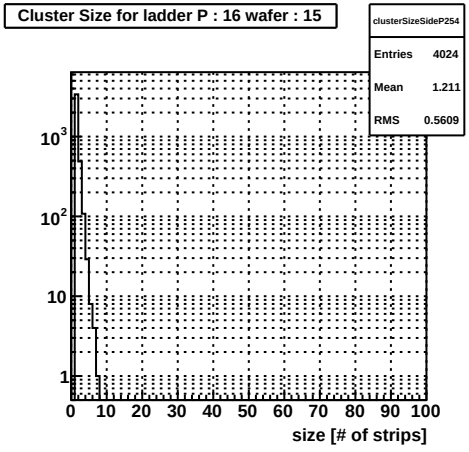

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1911
Mean 1.346
RMS 0.6497
size [# of strips]

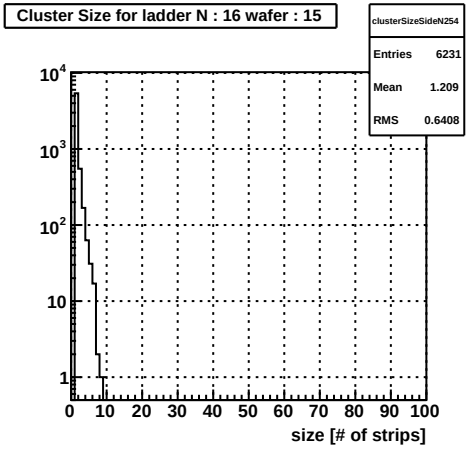

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 1
Mean 1
RMS 0
size [# of strips]

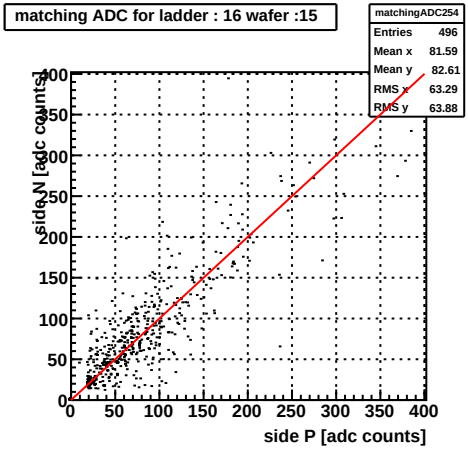

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

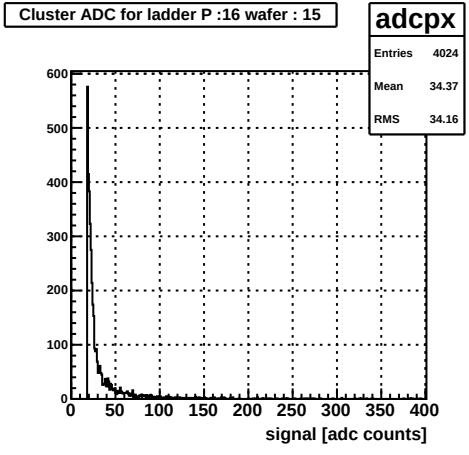

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1911
Mean 39.9
RMS 39.35
signal [adc counts]

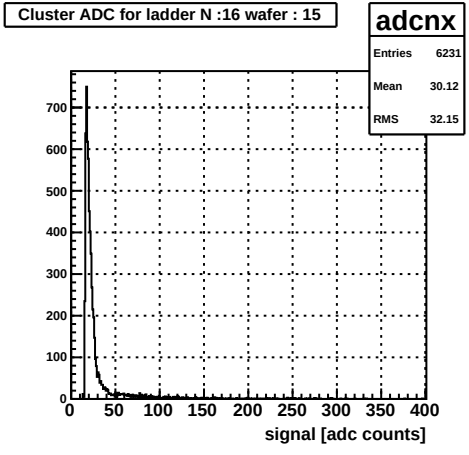

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

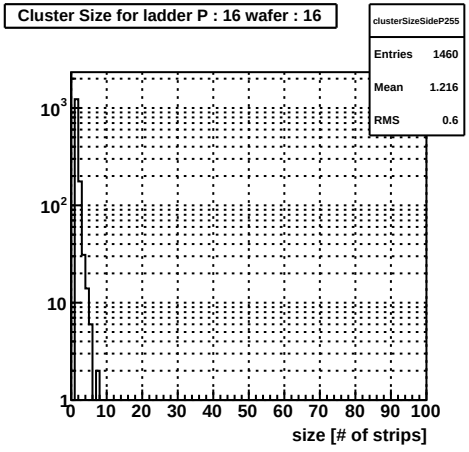

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 4024
Mean 1.211
RMS 0.5609
size [# of strips]

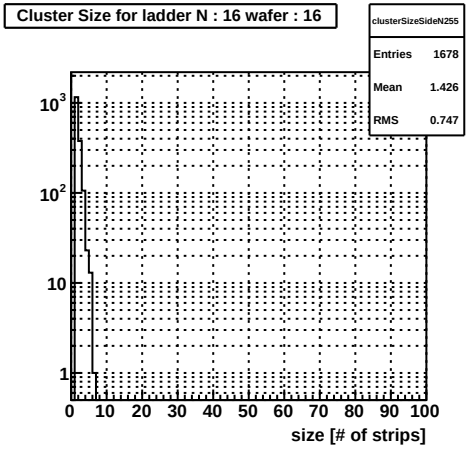

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 6231
Mean 1.209
RMS 0.6408
size [# of strips]

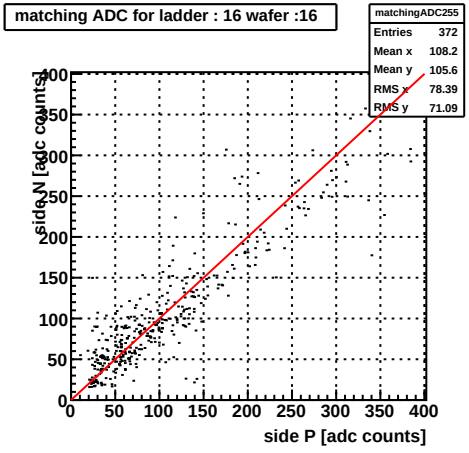

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 496
Mean x 81.59
Mean y 82.61
RMS x 63.29
RMS y 63.88
side N [adc counts]
side P [adc counts]

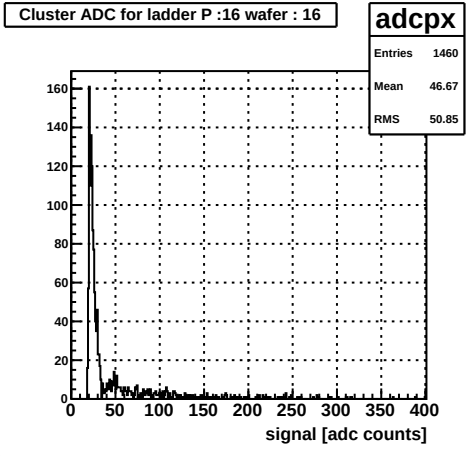

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 4024
Mean 34.37
RMS 34.16
signal [adc counts]

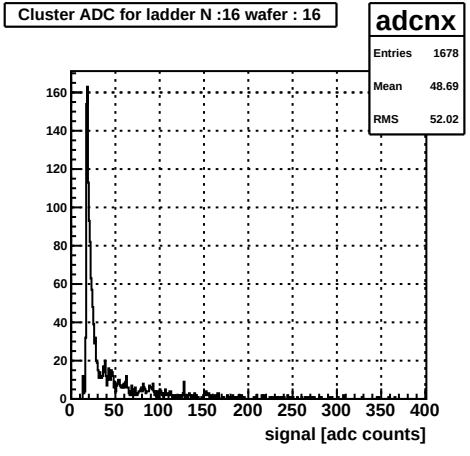

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 6231
Mean 30.12
RMS 32.15
signal [adc counts]

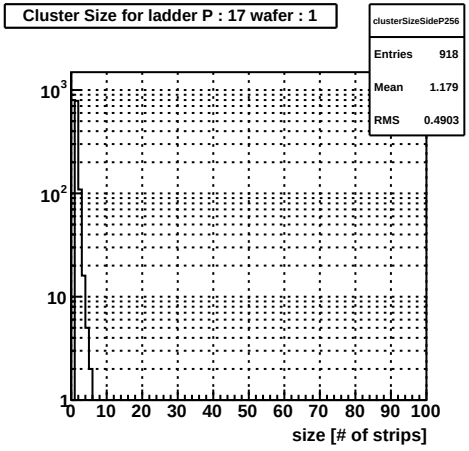

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 1460
Mean 1.216
RMS 0.6
size [# of strips]

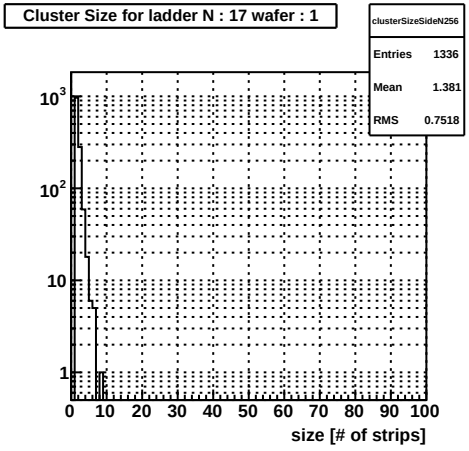

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1678
Mean 1.426
RMS 0.747
size [# of strips]

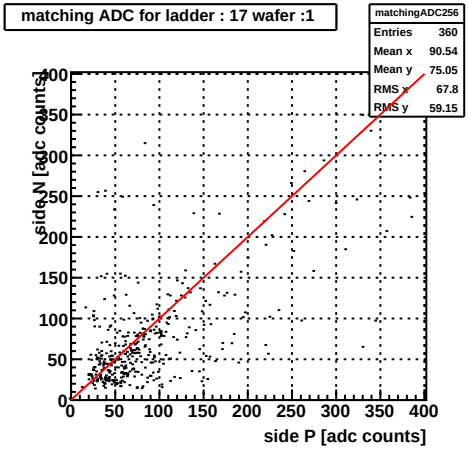

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 372
Mean x 108.2
Mean y 105.6
RMS x 78.39
RMS y 71.09
side N [adc counts]
side P [adc counts]

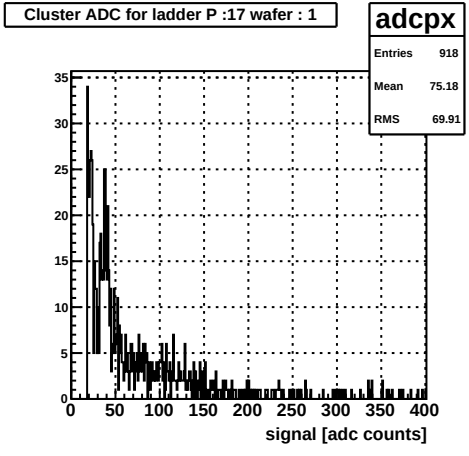

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 1460
Mean 46.67
RMS 50.85
signal [adc counts]

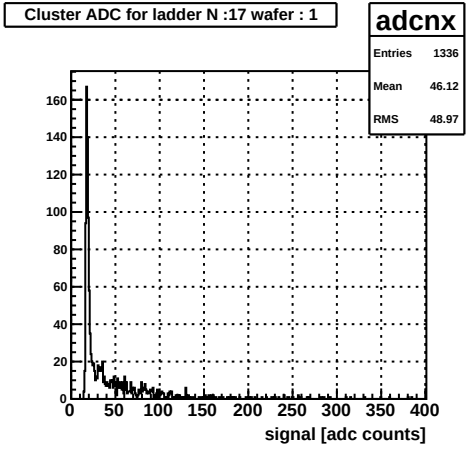

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1678
Mean 48.69
RMS 52.02
signal [adc counts]

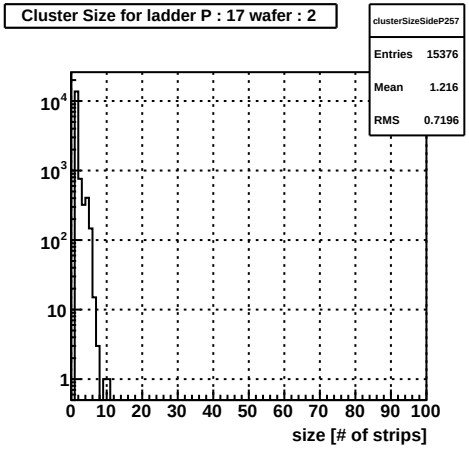

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 918
Mean 1.179
RMS 0.4903
size [# of strips]

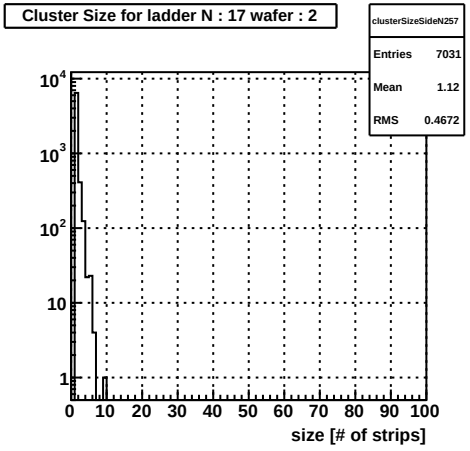

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1336
Mean 1.381
RMS 0.7518
size [# of strips]

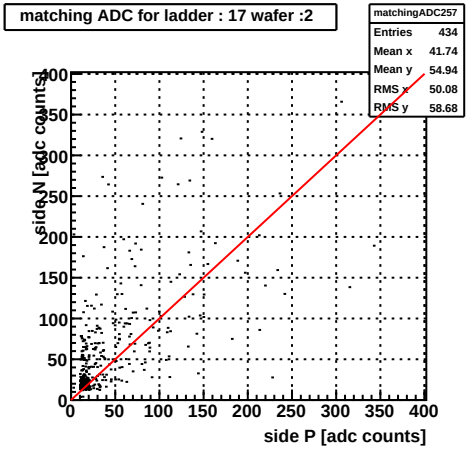

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 360
Mean x 90.54
Mean y 75.05
RMS x 67.8
RMS y 59.15
side N [adc counts]
side P [adc counts]

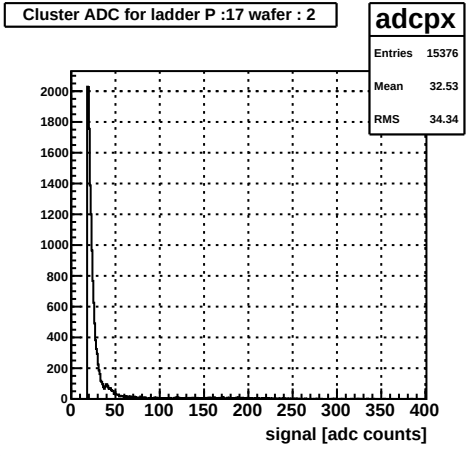

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 918
Mean 75.18
RMS 69.91
signal [adc counts]

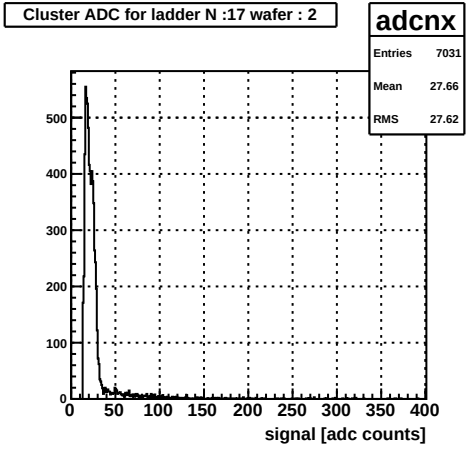

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1336
Mean 46.12
RMS 48.97
signal [adc counts]

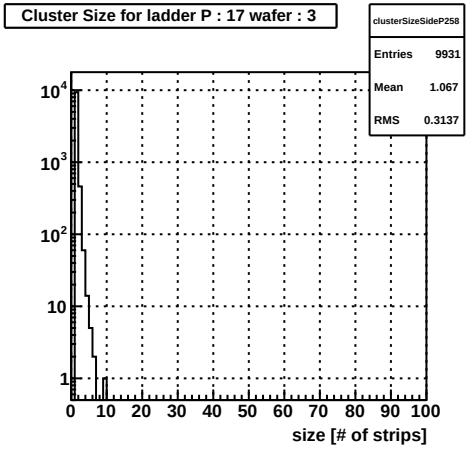

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 15376
Mean 1.216
RMS 0.7196
size [# of strips]

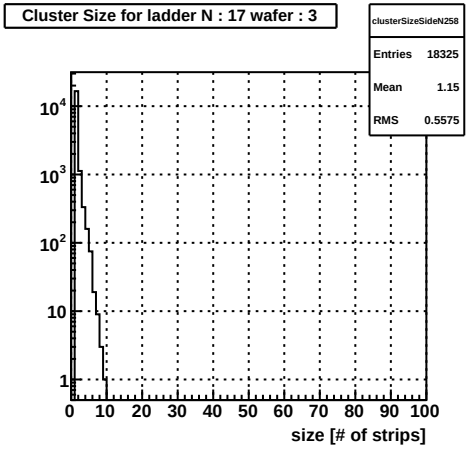

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 7031
Mean 1.12
RMS 0.4672
size [# of strips]

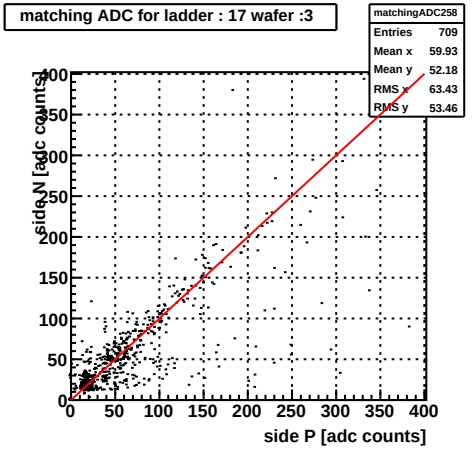

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 434
Mean x 41.74
Mean y 54.94
RMS x 50.08
RMS y 58.68
side N [adc counts]
side P [adc counts]

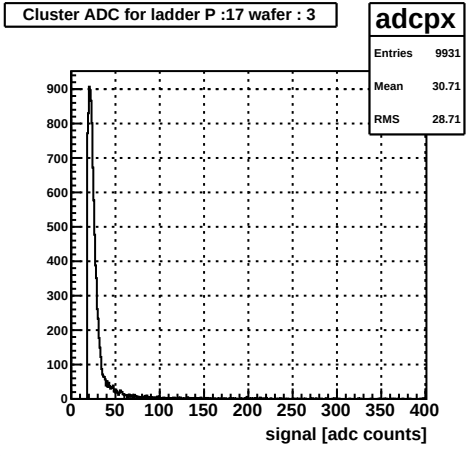

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 15376
Mean 32.53
RMS 34.34
signal [adc counts]

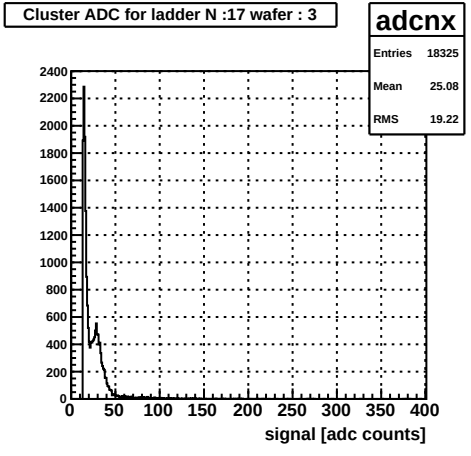

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 7031
Mean 27.66
RMS 27.62
signal [adc counts]

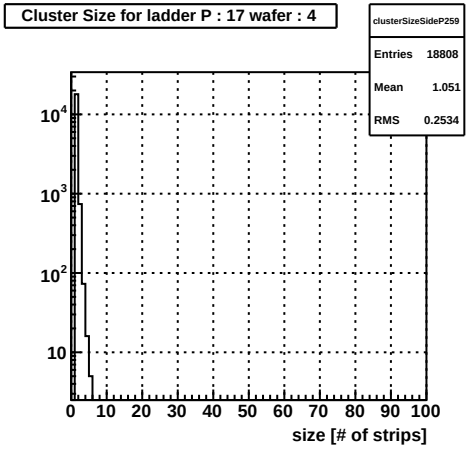

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 9931
Mean 1.067
RMS 0.3137
size [# of strips]

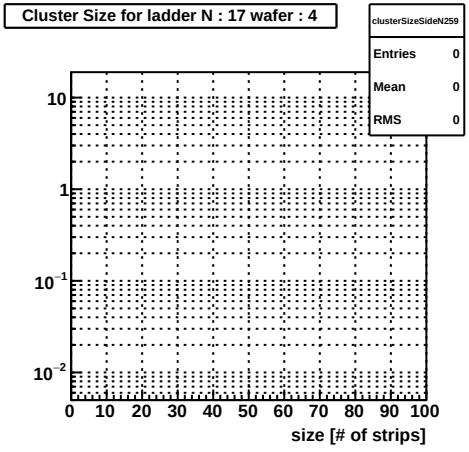

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 18325
Mean 1.15
RMS 0.5575
size [# of strips]

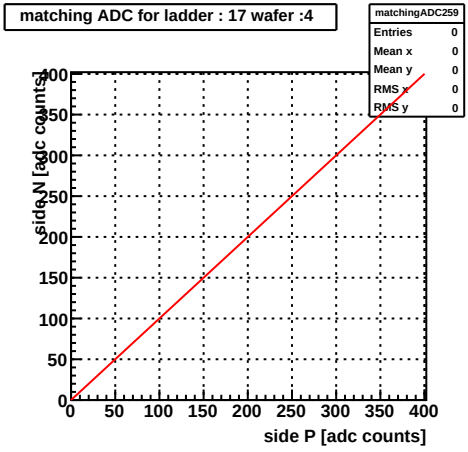

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 709
Mean x 59.93
Mean y 52.18
RMS x 63.43
RMS y 53.46
side N [adc counts]
side P [adc counts]

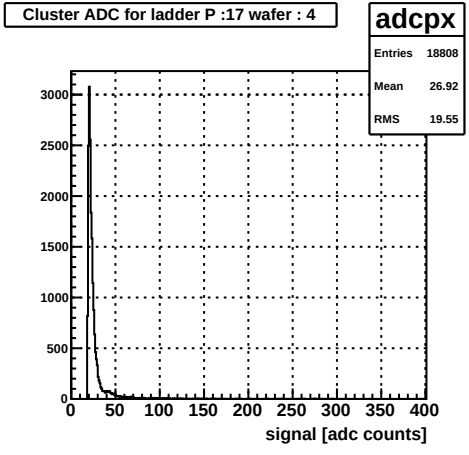

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 9931
Mean 30.71
RMS 28.71
signal [adc counts]

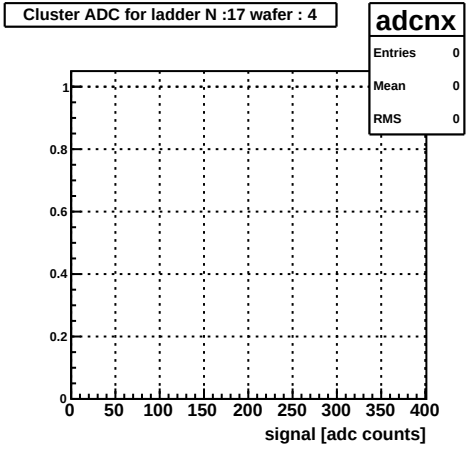

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 18325
Mean 25.08
RMS 19.22
signal [adc counts]

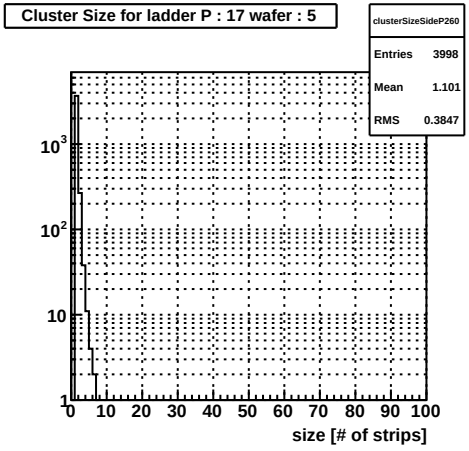

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 18808
Mean 1.051
RMS 0.2534
size [# of strips]

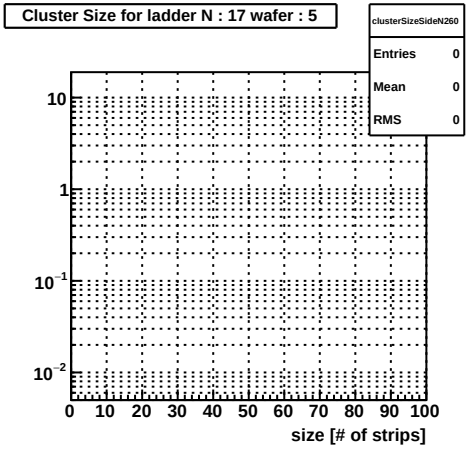

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

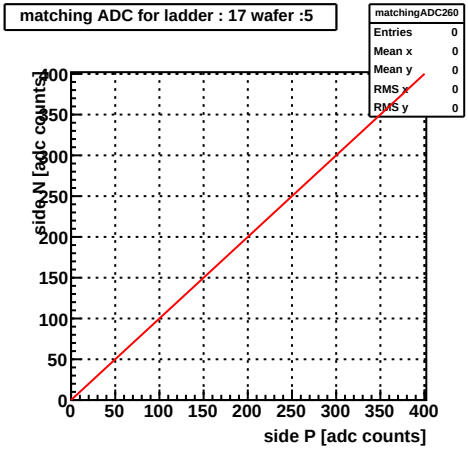

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

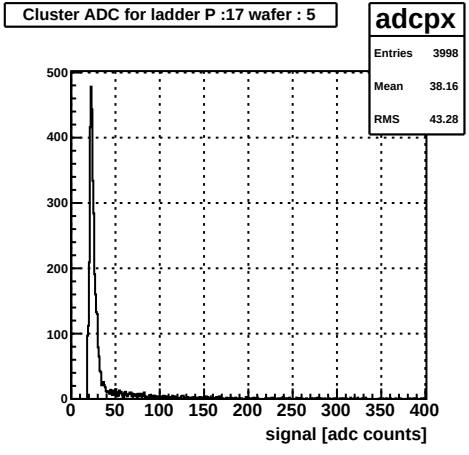

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 18808
Mean 26.92
RMS 19.55
signal [adc counts]

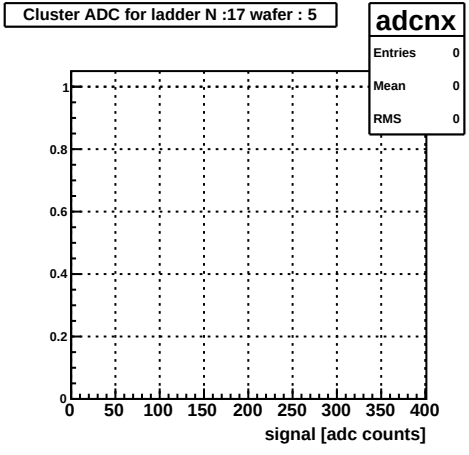

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

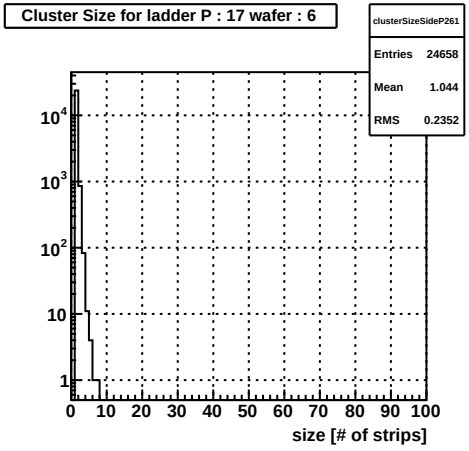

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3998
Mean 1.101
RMS 0.3847
size [# of strips]

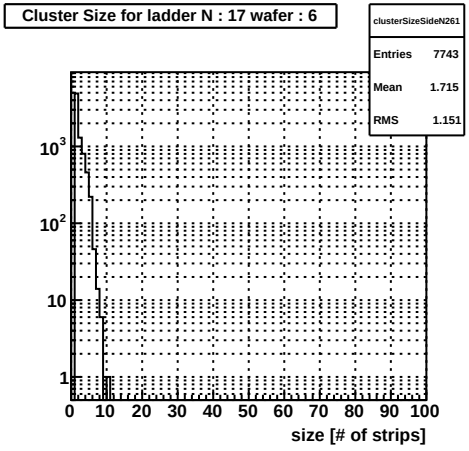

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

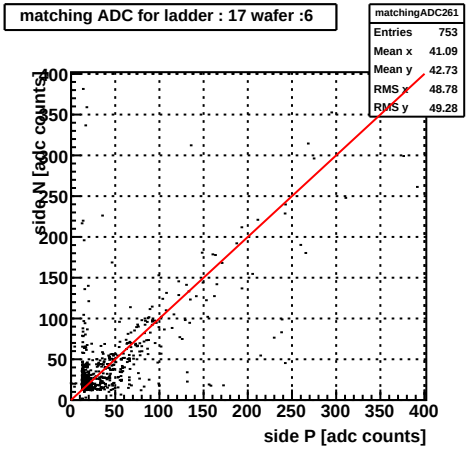

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

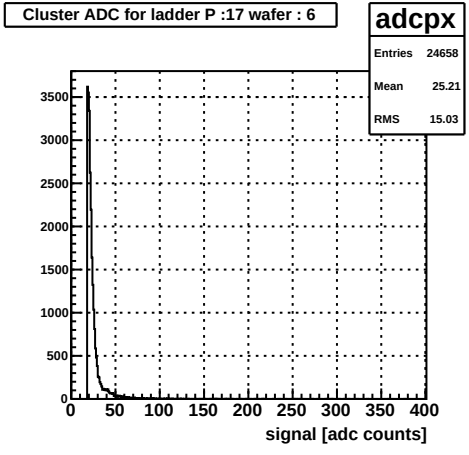

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3998
Mean 38.16
RMS 43.28
signal [adc counts]

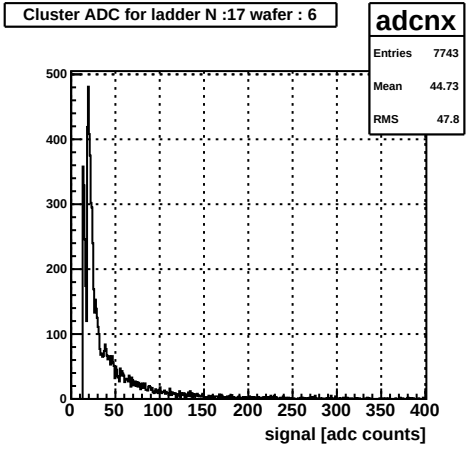

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

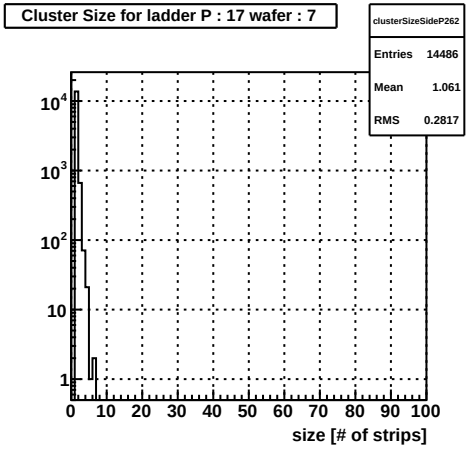

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 24658
Mean 1.044
RMS 0.2352
size [# of strips]

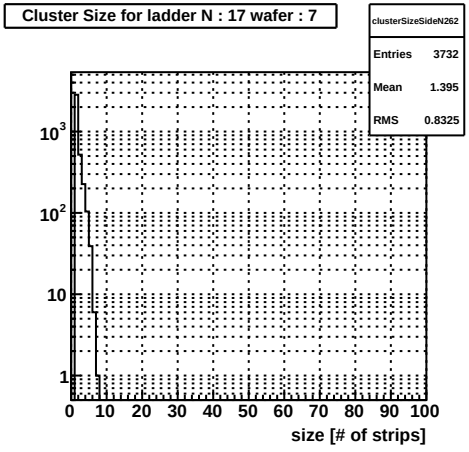

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 7743
Mean 1.715
RMS 1.151
size [# of strips]

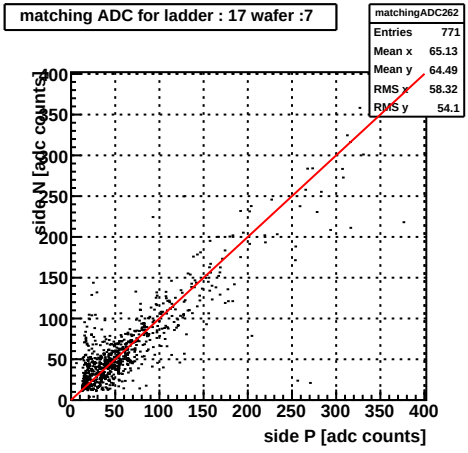

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 753
Mean x 41.09
Mean y 42.73
RMS x 48.78
RMS y 49.28
side N [adc counts]
side P [adc counts]

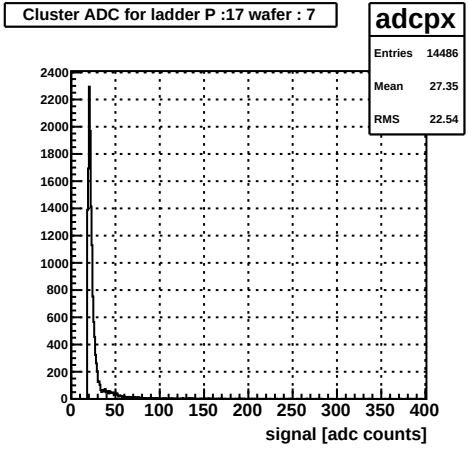

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 24658
Mean 25.21
RMS 15.03
signal [adc counts]

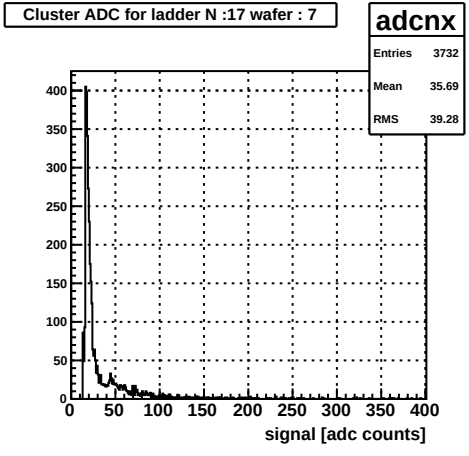

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 7743
Mean 44.73
RMS 47.8
signal [adc counts]

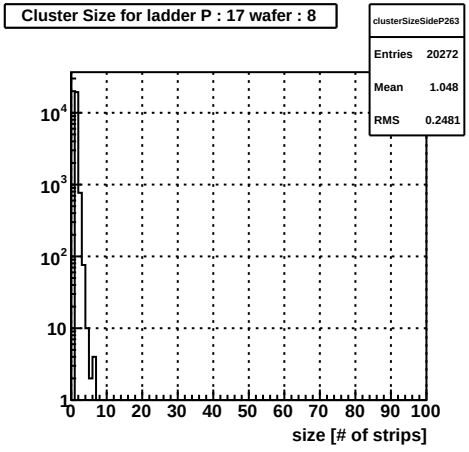

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 14486
Mean 1.061
RMS 0.2817
size [# of strips]

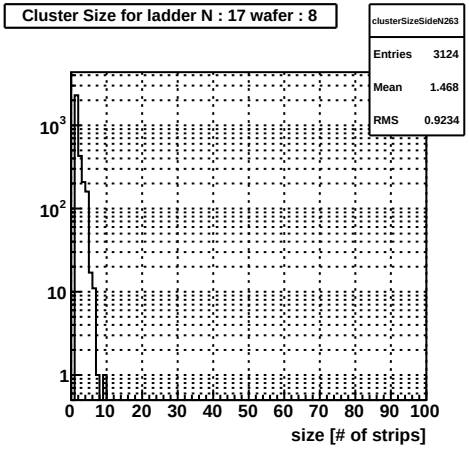

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 3732
Mean 1.395
RMS 0.8325
size [# of strips]

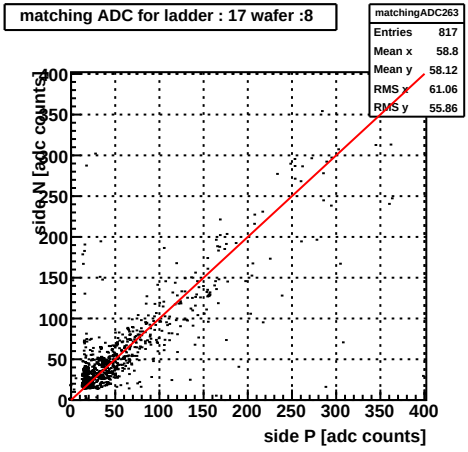

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 771
Mean x 65.13
Mean y 64.49
RMS x 58.32
RMS y 54.1
side N [adc counts]
side P [adc counts]

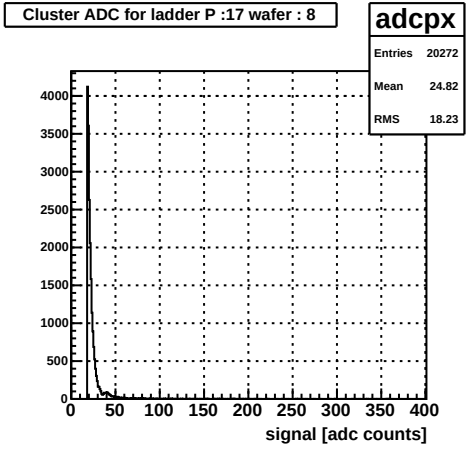

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 14486
Mean 27.35
RMS 22.54
signal [adc counts]

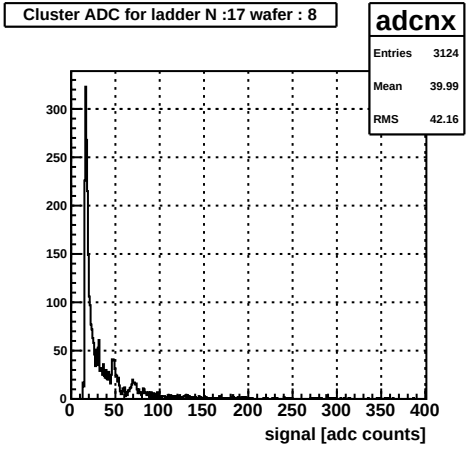

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 3732
Mean 35.69
RMS 39.28
signal [adc counts]

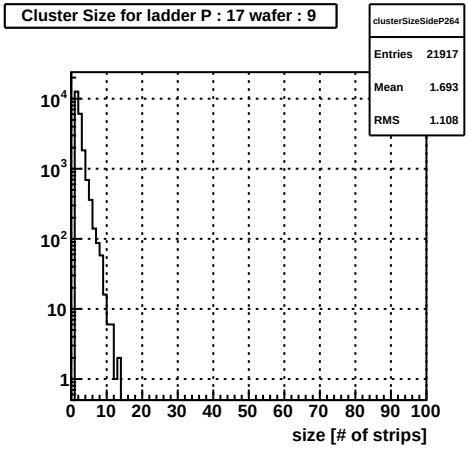

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 20272
Mean 1.048
RMS 0.2481
size [# of strips]

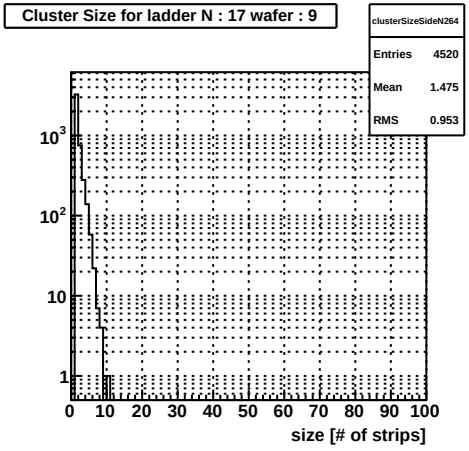

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 3124
Mean 1.468
RMS 0.9234
size [# of strips]

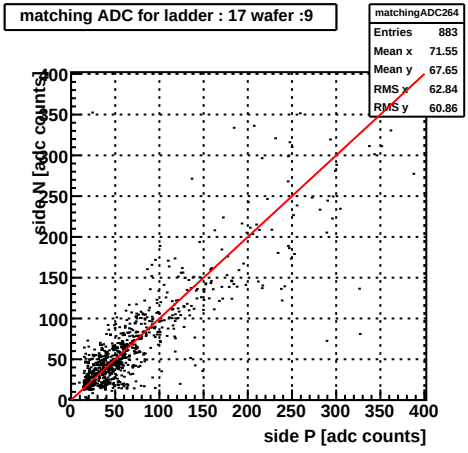

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 817
Mean x 58.8
Mean y 58.12
RMS x 61.06
RMS y 55.86
side N [adc counts]
side P [adc counts]

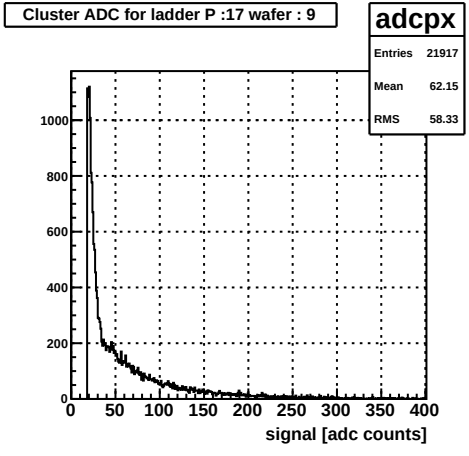

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 20272
Mean 24.82
RMS 18.23
signal [adc counts]

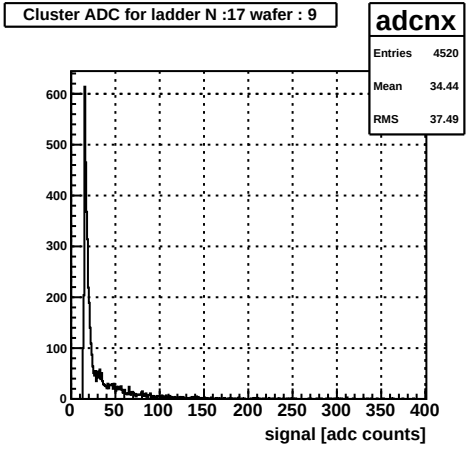

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 3124
Mean 39.99
RMS 42.16
signal [adc counts]

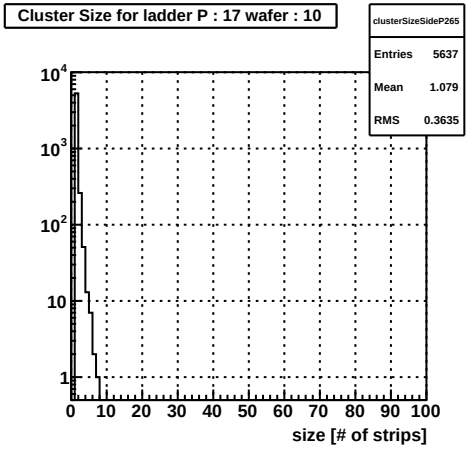

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 21917
Mean 1.693
RMS 1.108
size [# of strips]

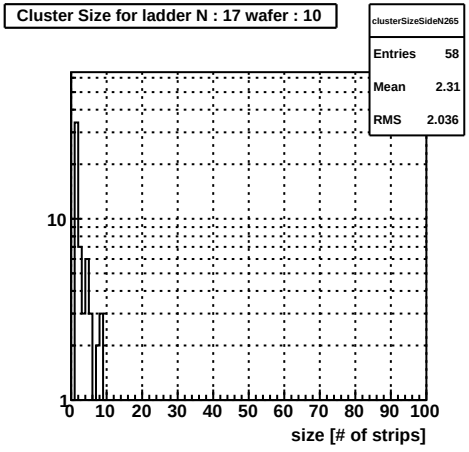

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 4520
Mean 1.475
RMS 0.953
size [# of strips]

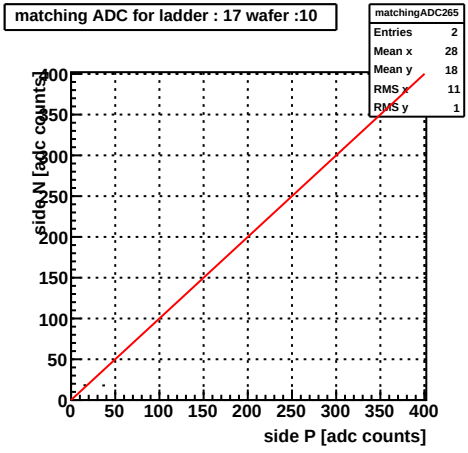

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 883
Mean x 71.55
Mean y 67.65
RMS x 62.84
RMS y 60.86
side N [adc counts]
side P [adc counts]

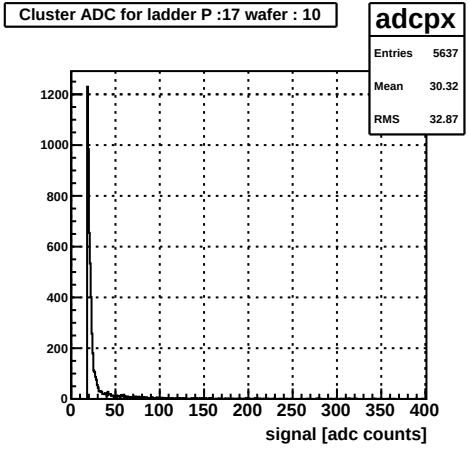

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 21917
Mean 62.15
RMS 58.33
signal [adc counts]

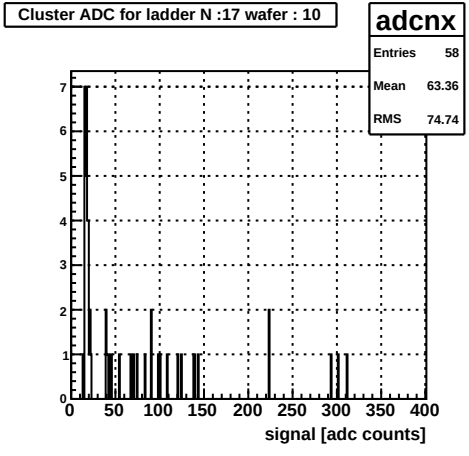

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 4520
Mean 34.44
RMS 37.49
signal [adc counts]

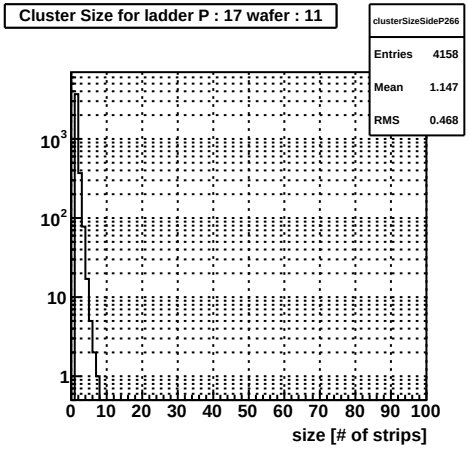

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5637
Mean 1.079
RMS 0.3635
size [# of strips]

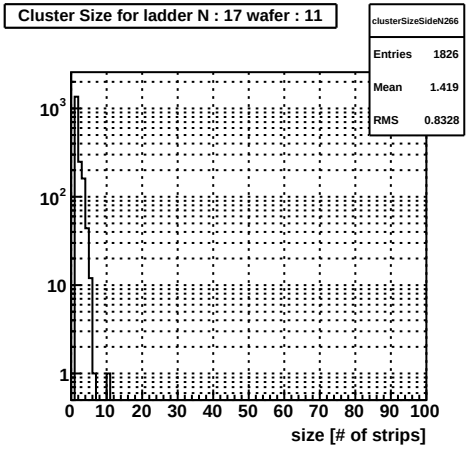

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 58
Mean 2.31
RMS 2.036
size [# of strips]

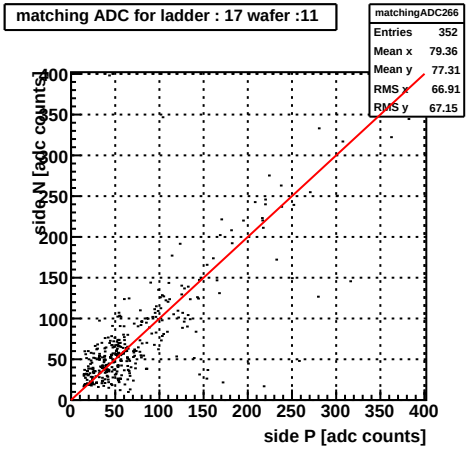

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 2
Mean x 28
Mean y 18
RMS x 11
RMS y 1
side N [adc counts]
side P [adc counts]

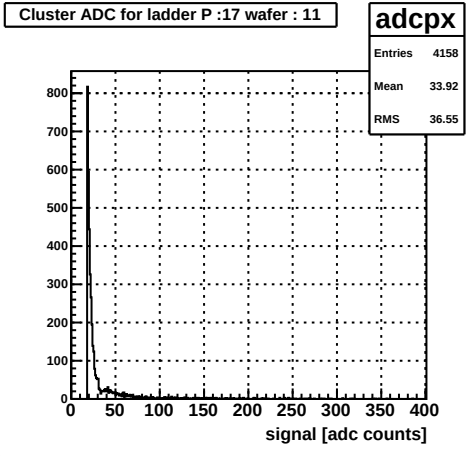

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5637
Mean 30.32
RMS 32.87
signal [adc counts]

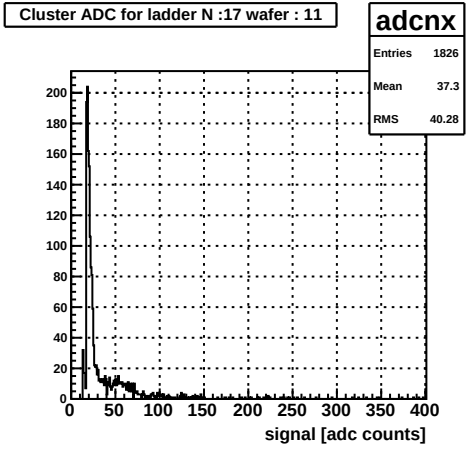

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 58
Mean 63.36
RMS 74.74
signal [adc counts]

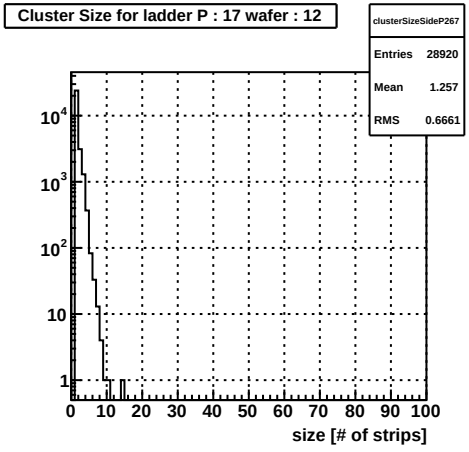

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 4158
Mean 1.147
RMS 0.468
size [# of strips]

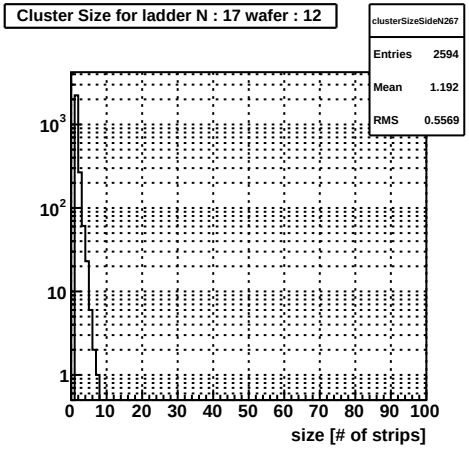

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1826
Mean 1.419
RMS 0.8328
size [# of strips]

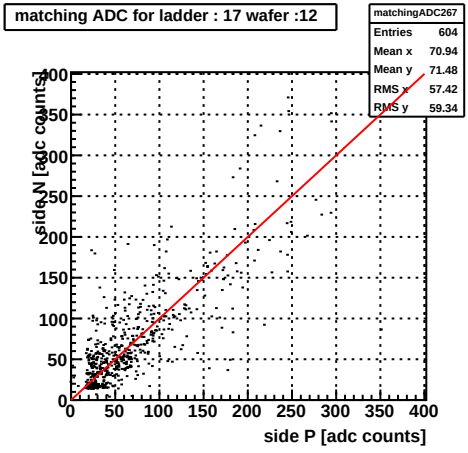

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 352
Mean x 79.36
Mean y 77.31
RMS x 66.91
RMS y 67.15
side N [adc counts]
side P [adc counts]

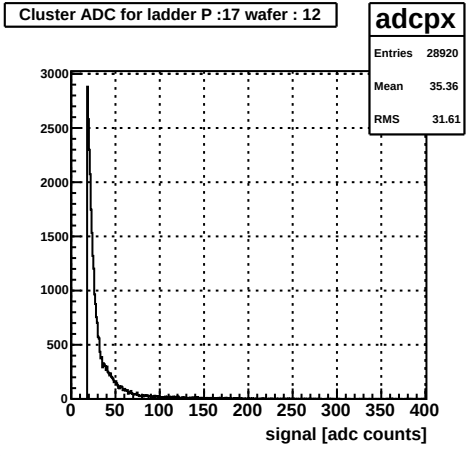

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 4158
Mean 33.92
RMS 36.55
signal [adc counts]

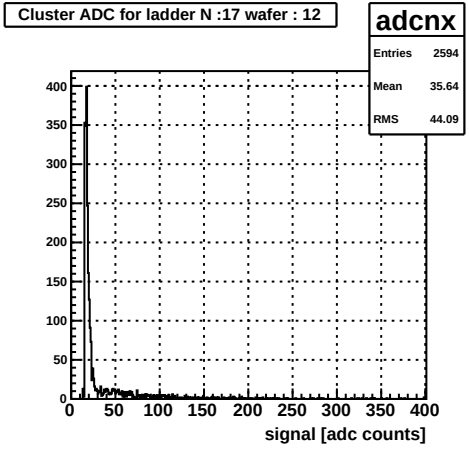

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1826
Mean 37.3
RMS 40.28
signal [adc counts]

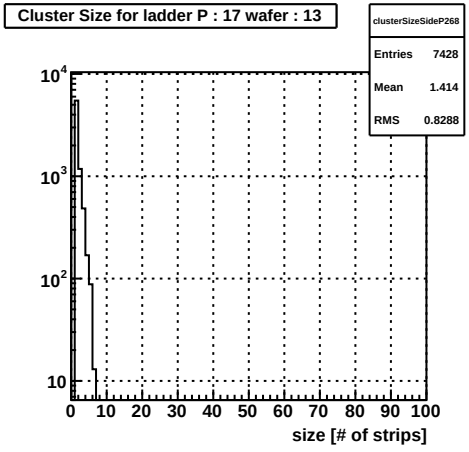

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 28920
Mean 1.257
RMS 0.6661
size [# of strips]

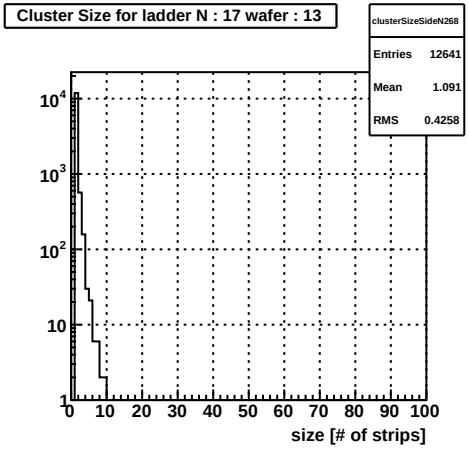

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2594
Mean 1.192
RMS 0.5569
size [# of strips]

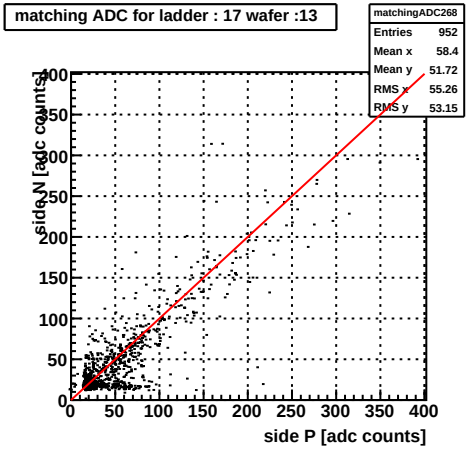

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 604
Mean x 70.94
Mean y 71.48
RMS x 57.42
RMS y 59.34
side N [adc counts]
side P [adc counts]

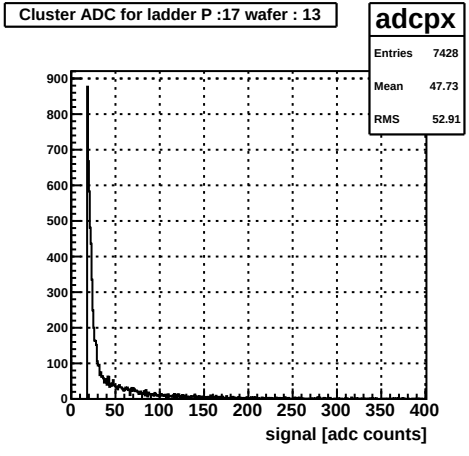

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 28920
Mean 35.36
RMS 31.61
signal [adc counts]

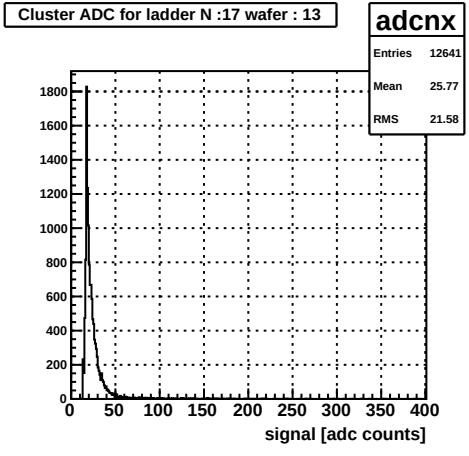

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2594
Mean 35.64
RMS 44.09
signal [adc counts]

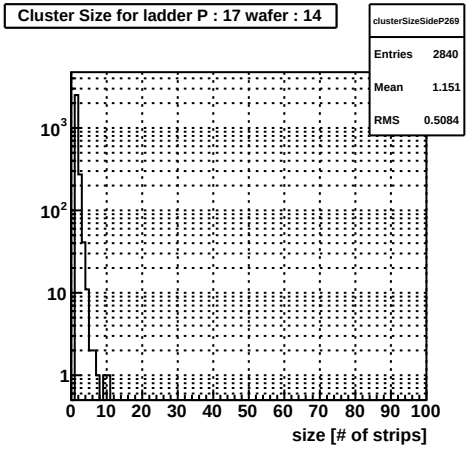

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 7428
Mean 1.414
RMS 0.8288
size [# of strips]

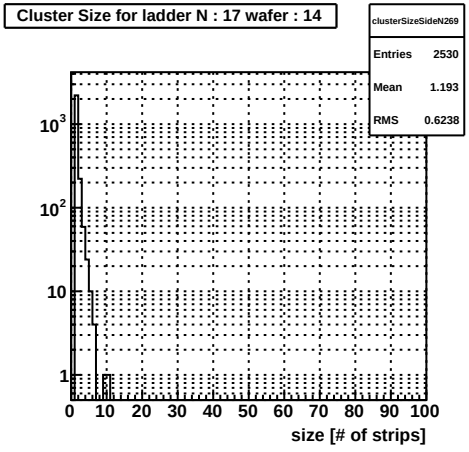

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 12641
Mean 1.091
RMS 0.4258
size [# of strips]

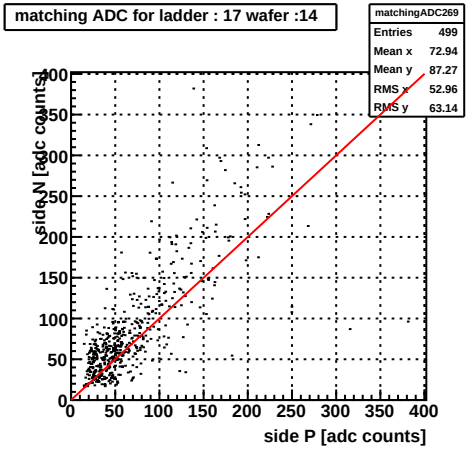

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 952
Mean x 58.4
Mean y 51.72
RMS x 55.26
RMS y 53.15
side N [adc counts]
side P [adc counts]

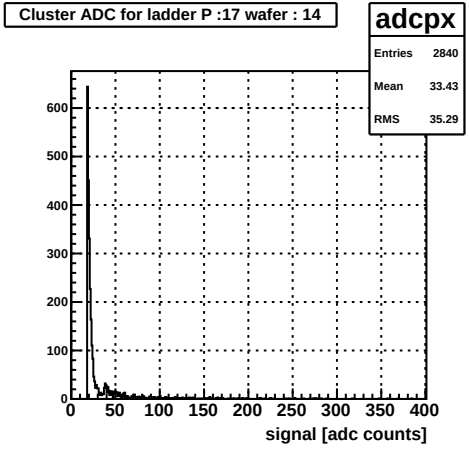

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 7428
Mean 47.73
RMS 52.91
signal [adc counts]

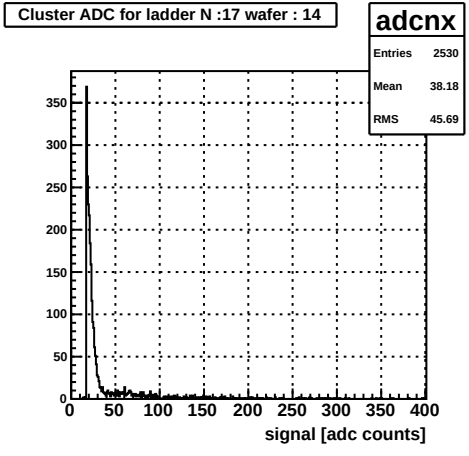

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 12641
Mean 25.77
RMS 21.58
signal [adc counts]

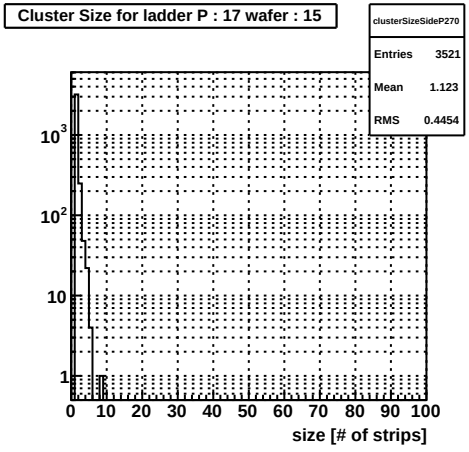

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 2840
Mean 1.151
RMS 0.5084
size [# of strips]

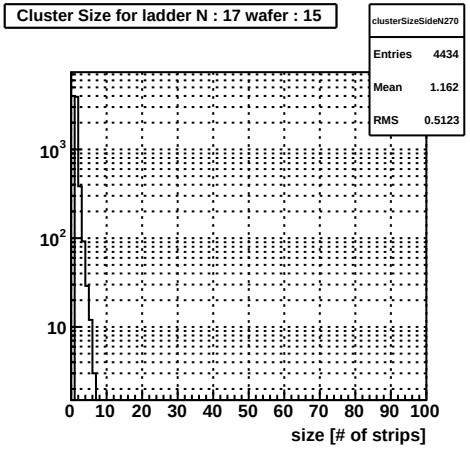

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2530
Mean 1.193
RMS 0.6238
size [# of strips]

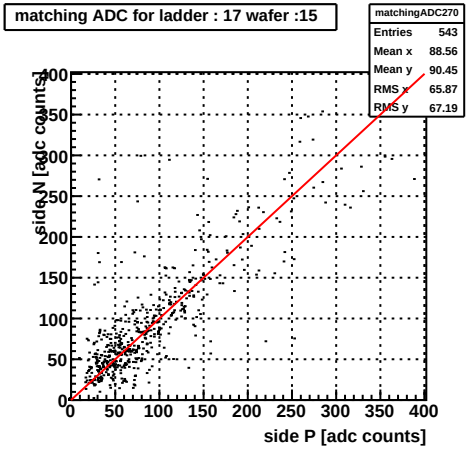

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 499
Mean x 72.94
Mean y 87.27
RMS x 52.96
RMS y 63.14
side N [adc counts]
side P [adc counts]

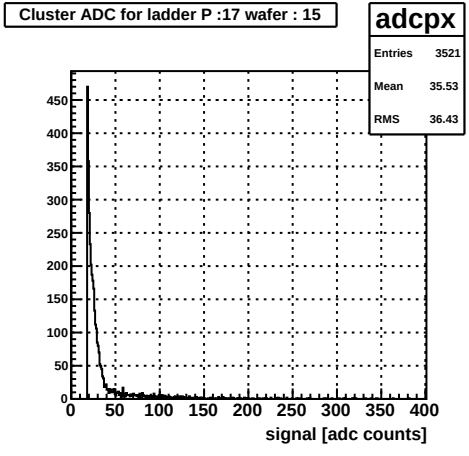

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 2840
Mean 33.43
RMS 35.29
signal [adc counts]

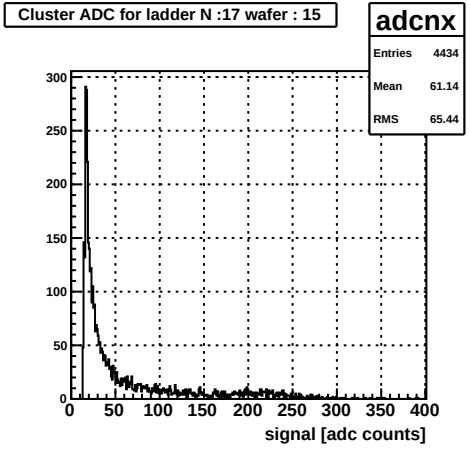

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2530
Mean 38.18
RMS 45.69
signal [adc counts]

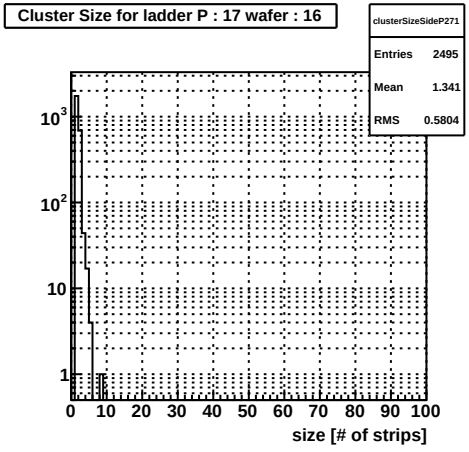

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 3521
Mean 1.123
RMS 0.4454
size [# of strips]

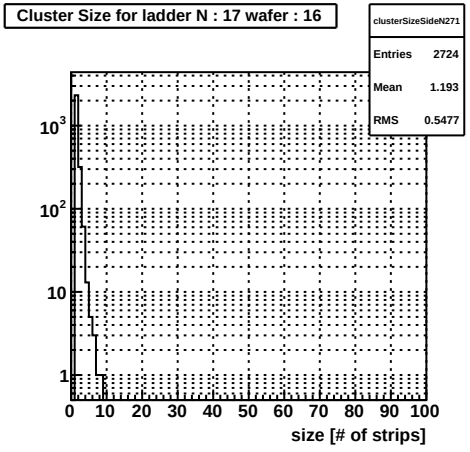

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 4434
Mean 1.162
RMS 0.5123
size [# of strips]

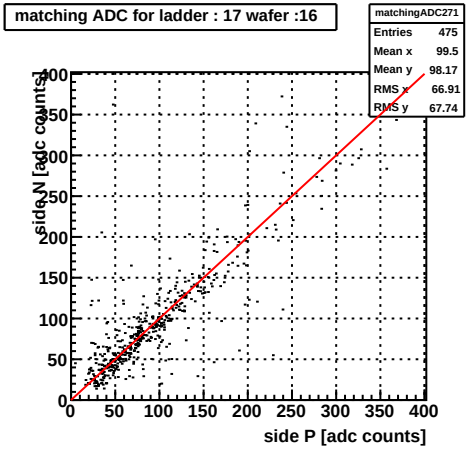

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 543
Mean x 88.56
Mean y 90.45
RMS x 65.87
RMS y 67.19
side N [adc counts]
side P [adc counts]

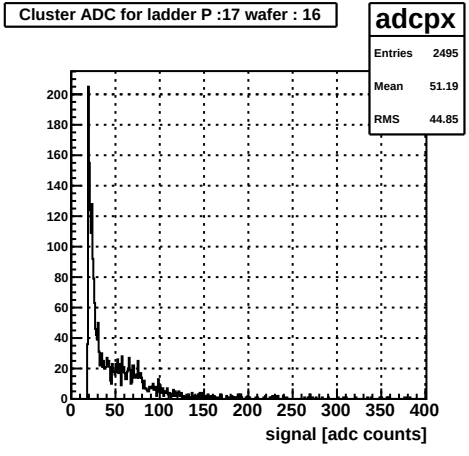

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 3521
Mean 35.53
RMS 36.43
signal [adc counts]

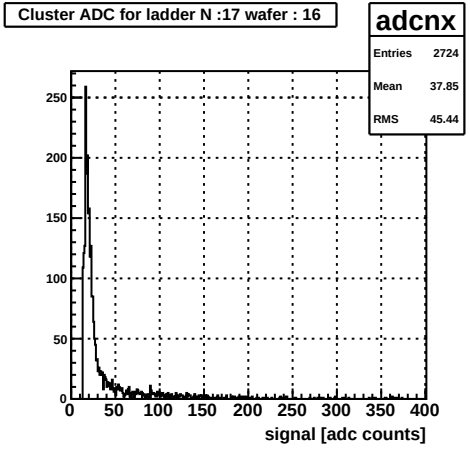

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 4434
Mean 61.14
RMS 65.44
signal [adc counts]

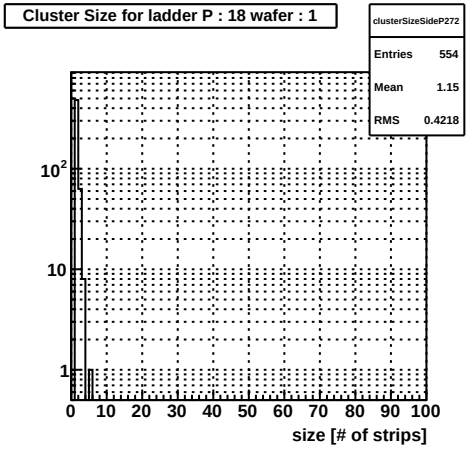

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 2495
Mean 1.341
RMS 0.5804
size [# of strips]

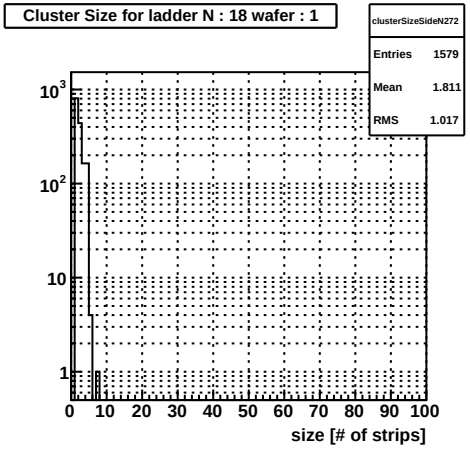

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2724
Mean 1.193
RMS 0.5477
size [# of strips]

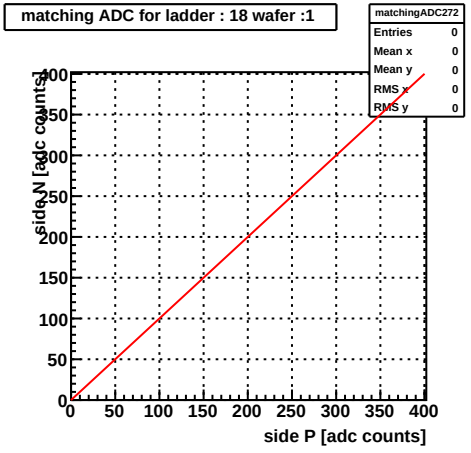

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 475
Mean x 99.5
Mean y 98.17
RMS x 66.91
RMS y 67.74
side N [adc counts]
side P [adc counts]

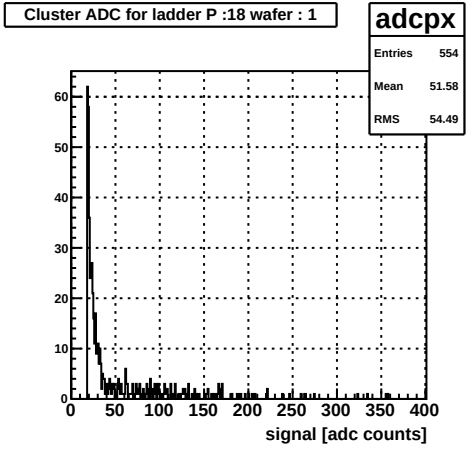

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 2495
Mean 51.19
RMS 44.85
signal [adc counts]

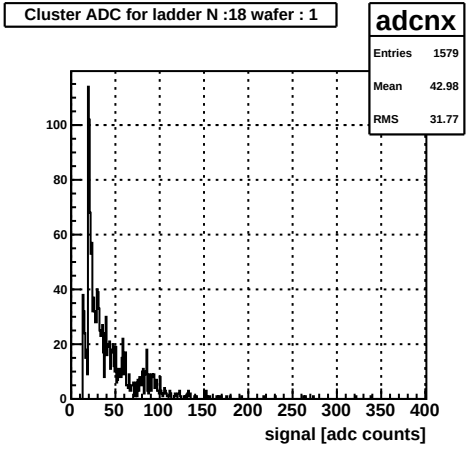

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2724
Mean 37.85
RMS 45.44
signal [adc counts]

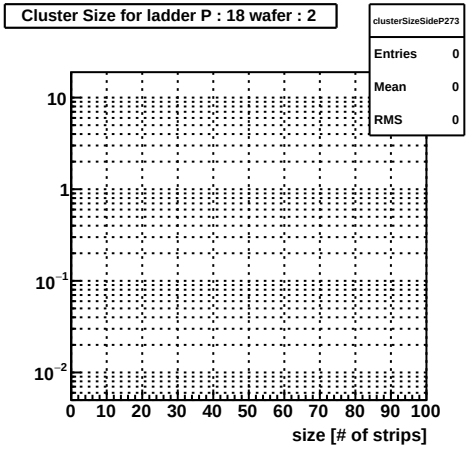

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 554
Mean 1.15
RMS 0.4218
size [# of strips]

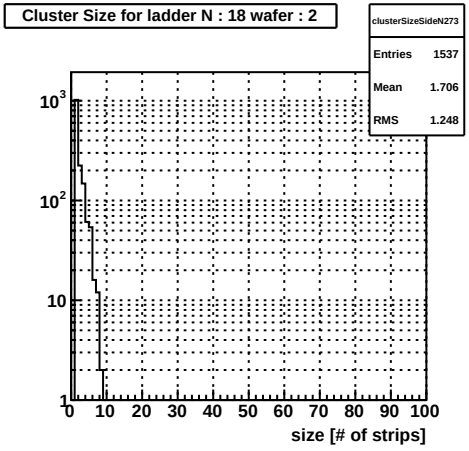

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1579
Mean 1.811
RMS 1.017
size [# of strips]

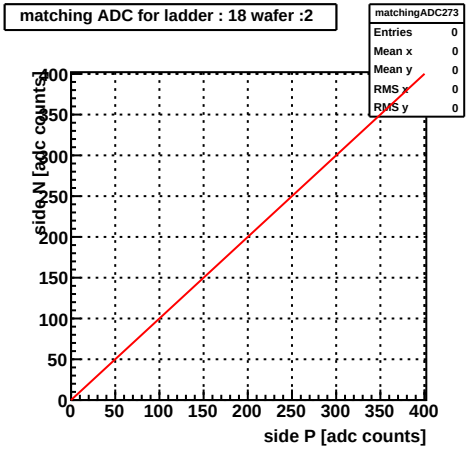

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

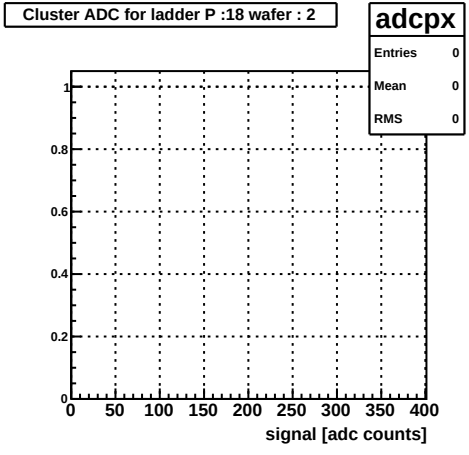

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 554
Mean 51.58
RMS 54.49
signal [adc counts]

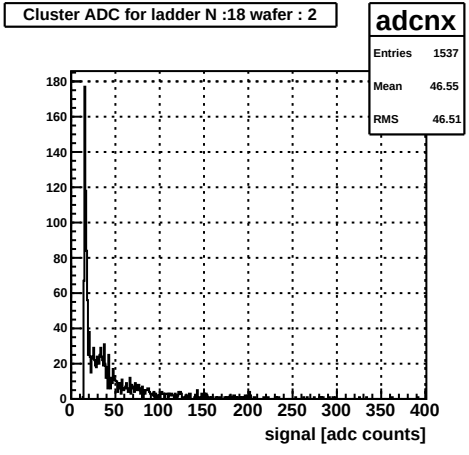

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1579
Mean 42.98
RMS 31.77
signal [adc counts]

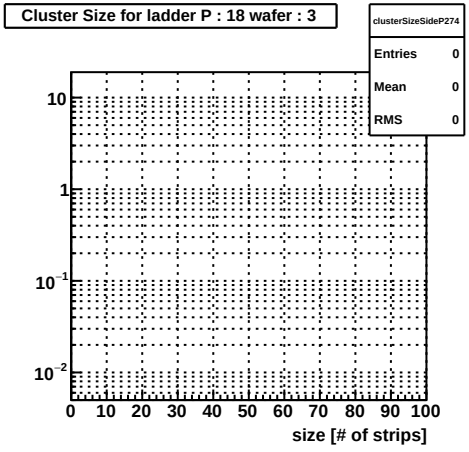

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

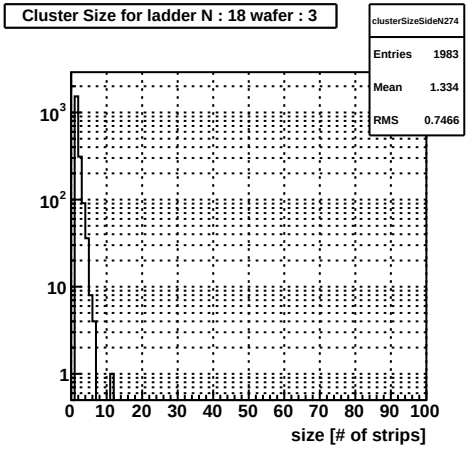

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1537
Mean 1.706
RMS 1.248
size [# of strips]

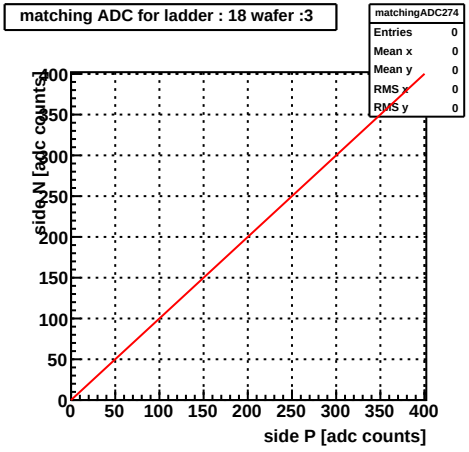

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

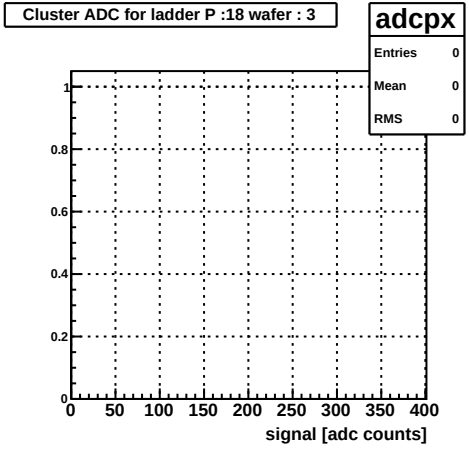

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

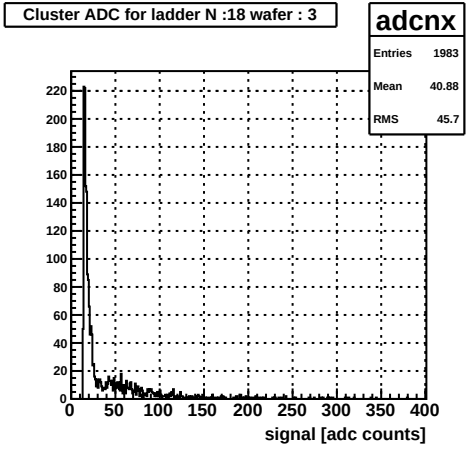

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1537
Mean 46.55
RMS 46.51
signal [adc counts]

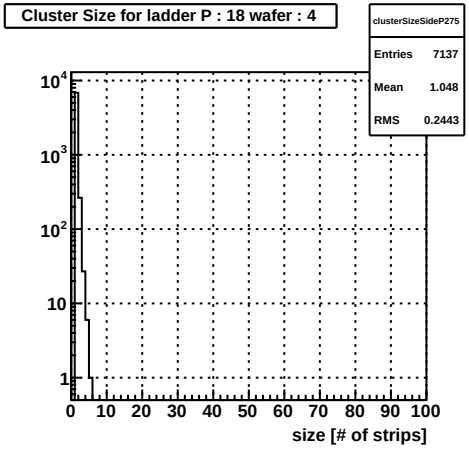

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

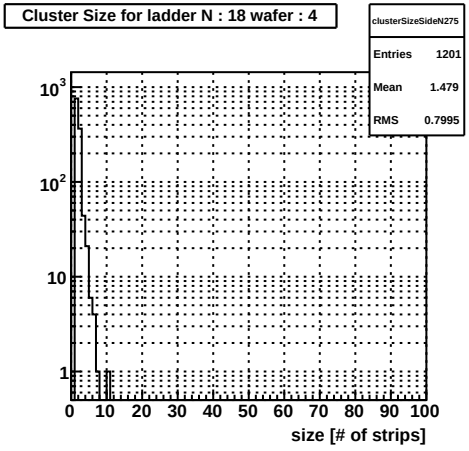

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1983
Mean 1.334
RMS 0.7466
size [# of strips]

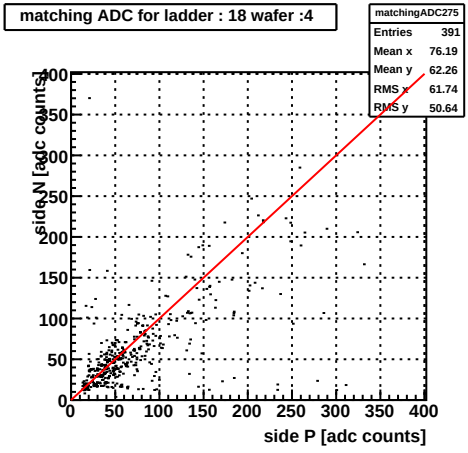

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

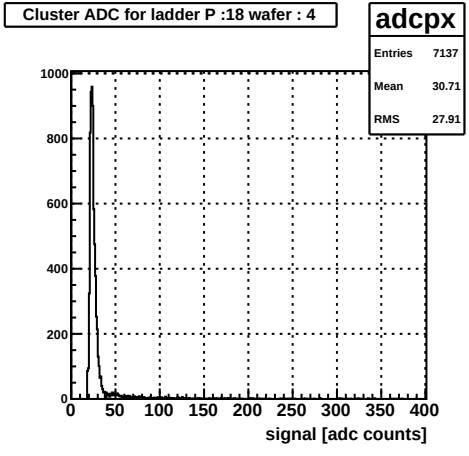

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

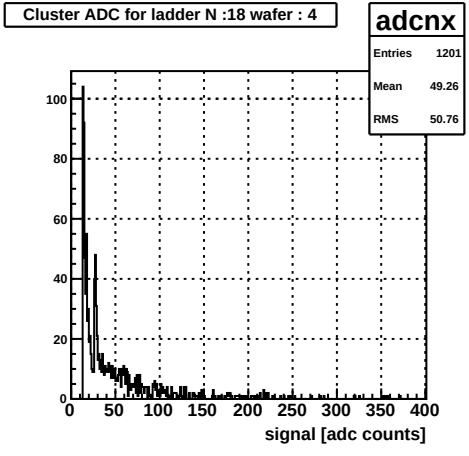

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1983
Mean 40.88
RMS 45.7
signal [adc counts]

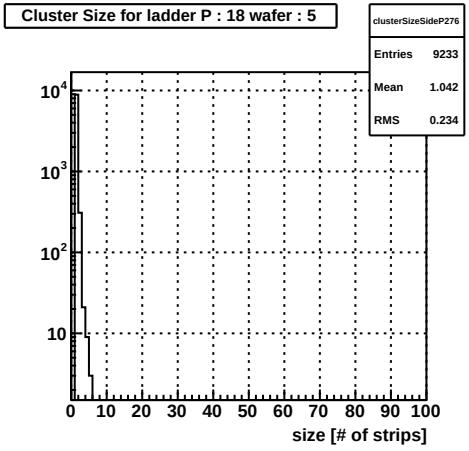

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 7137
Mean 1.048
RMS 0.2443
size [# of strips]

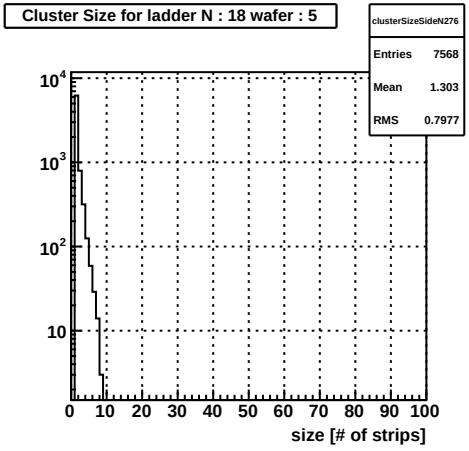

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 1201
Mean 1.479
RMS 0.7995
size [# of strips]

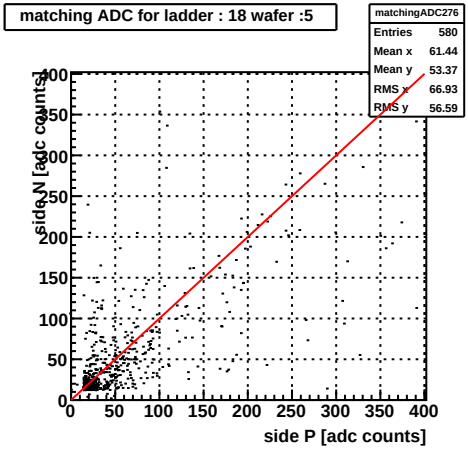

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 391
Mean x 76.19
Mean y 62.26
RMS x 61.74
RMS y 50.64
side N [adc counts]
side P [adc counts]

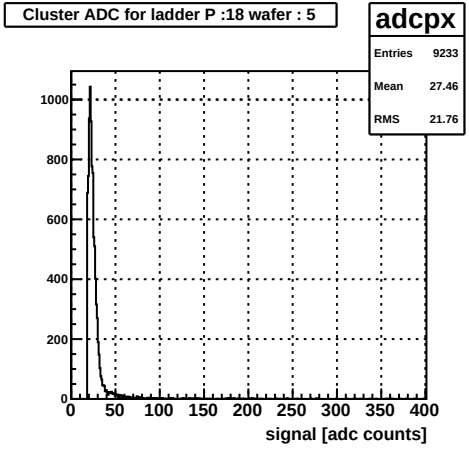

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 7137
Mean 30.71
RMS 27.91
signal [adc counts]

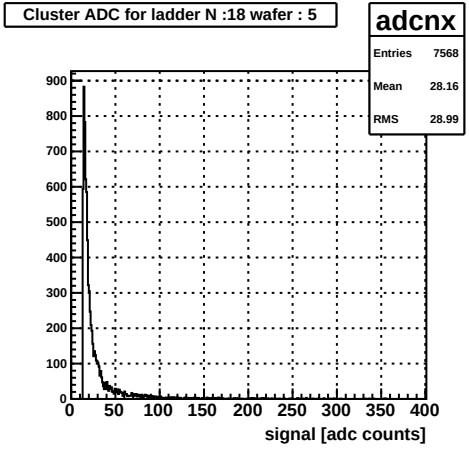

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 1201
Mean 49.26
RMS 50.76
signal [adc counts]

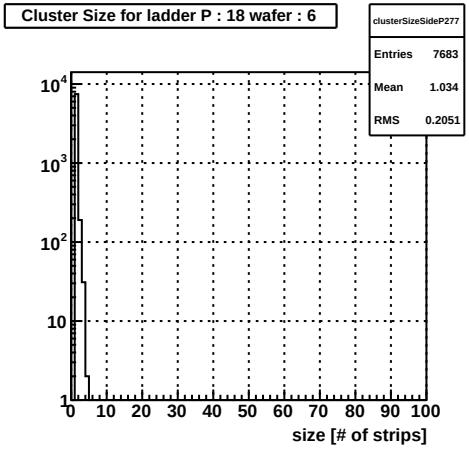

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 9233
Mean 1.042
RMS 0.234
size [# of strips]

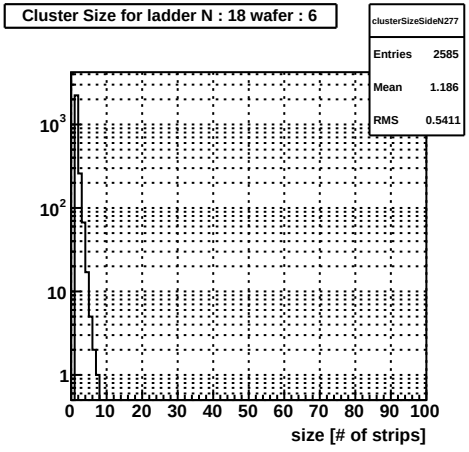

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7568
Mean 1.303
RMS 0.7977
size [# of strips]

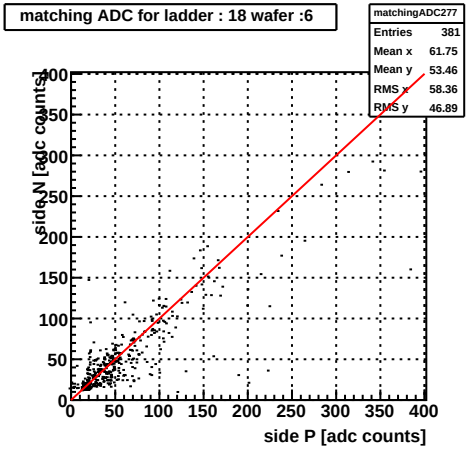

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 580
Mean x 61.44
Mean y 53.37
RMS x 66.93
RMS y 56.59
side N [adc counts]
side P [adc counts]

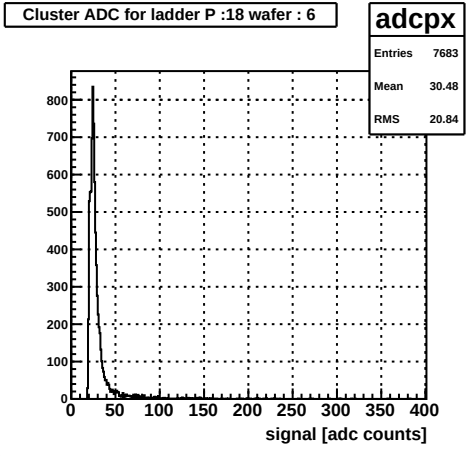

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 9233
Mean 27.46
RMS 21.76
signal [adc counts]

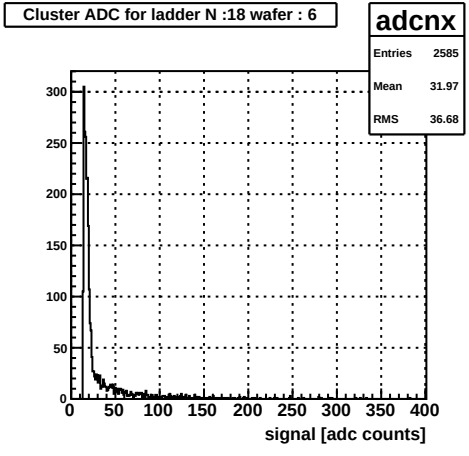

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7568
Mean 28.16
RMS 28.99
signal [adc counts]

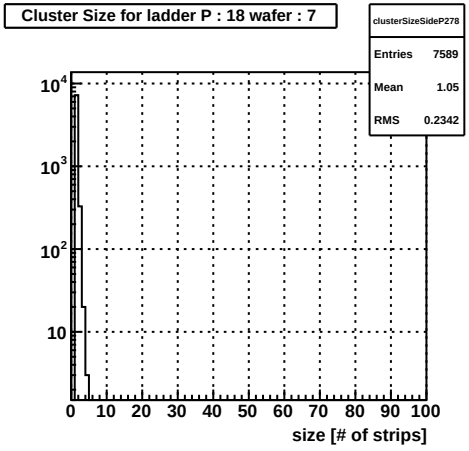

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 7683
Mean 1.034
RMS 0.2051
size [# of strips]

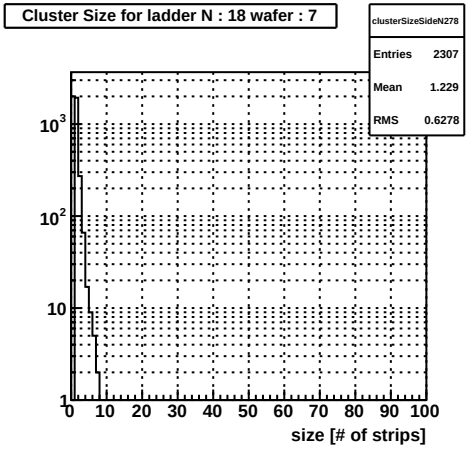

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 2585
Mean 1.186
RMS 0.5411
size [# of strips]

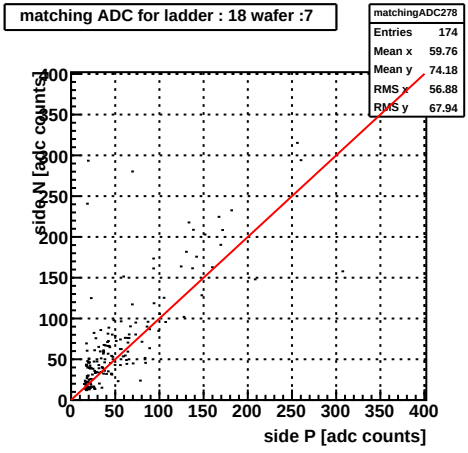

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 381
Mean x 61.75
Mean y 53.46
RMS x 58.36
RMS y 46.89
side N [adc counts]
side P [adc counts]

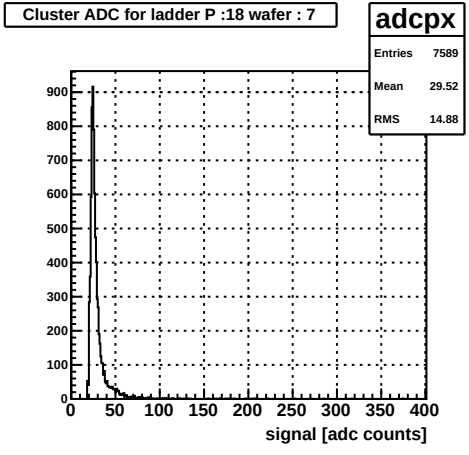

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 7683
Mean 30.48
RMS 20.84
signal [adc counts]

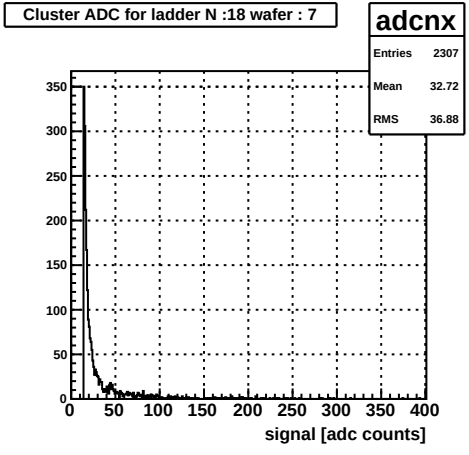

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 2585
Mean 31.97
RMS 36.68
signal [adc counts]

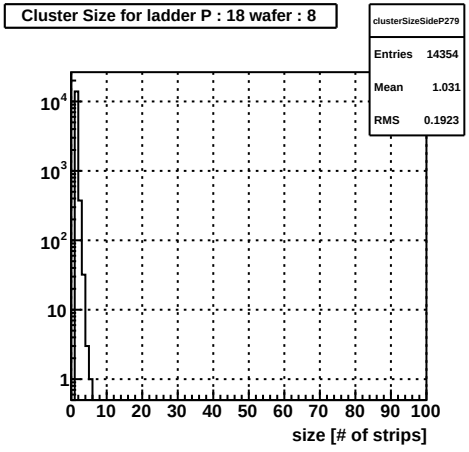

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 7589
Mean 1.05
RMS 0.2342
size [# of strips]

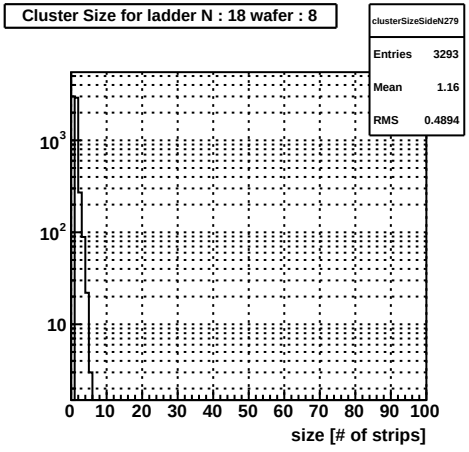

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2307
Mean 1.229
RMS 0.6278
size [# of strips]

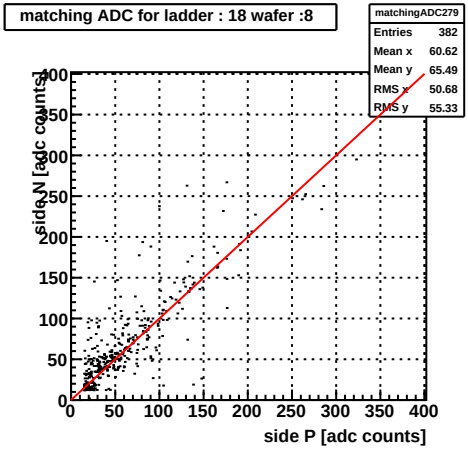

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 174
Mean x 59.76
Mean y 74.18
RMS x 56.88
RMS y 67.94
side N [adc counts]
side P [adc counts]

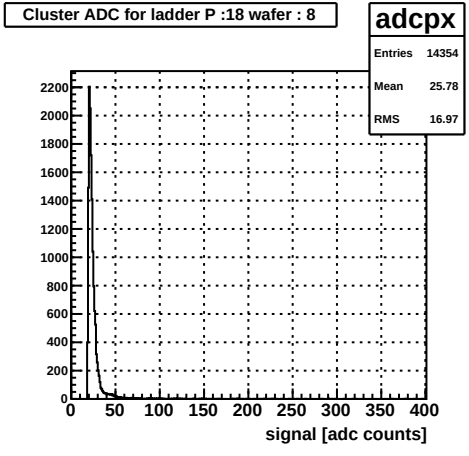

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 7589
Mean 29.52
RMS 14.88
signal [adc counts]

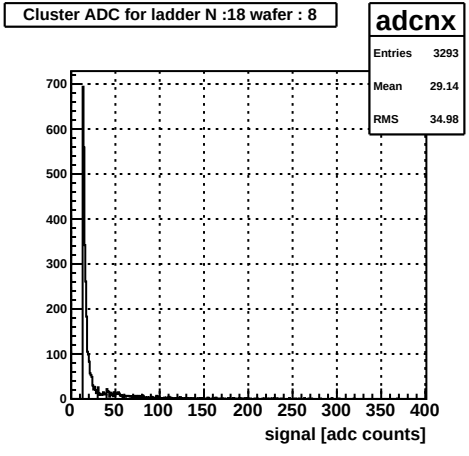

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2307
Mean 32.72
RMS 36.88
signal [adc counts]

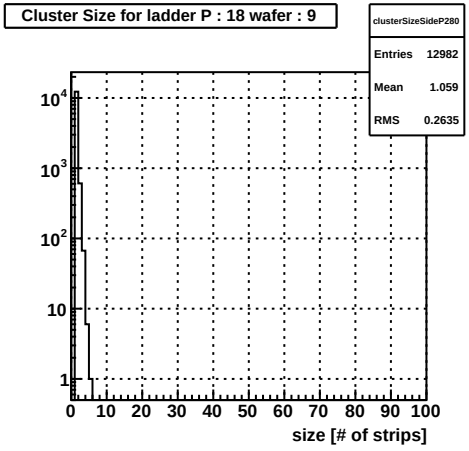

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 14354
Mean 1.031
RMS 0.1923
size [# of strips]

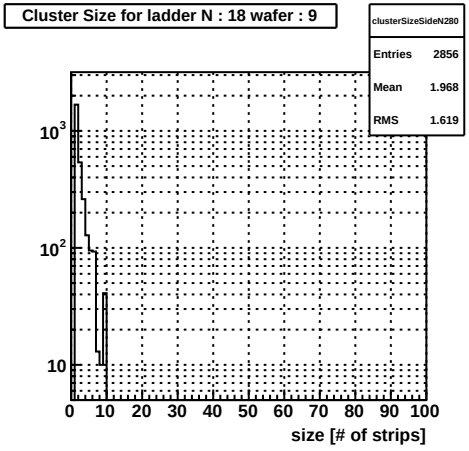

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3293
Mean 1.16
RMS 0.4894
size [# of strips]

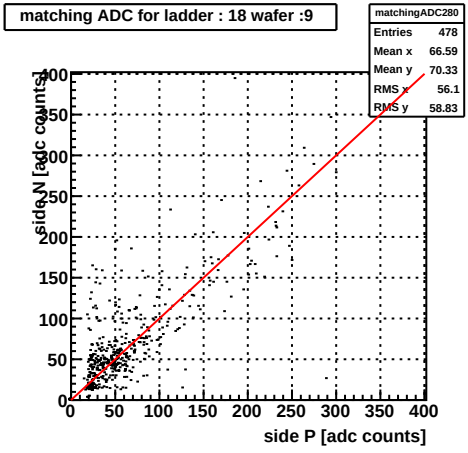

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 382
Mean x 60.62
Mean y 65.49
RMS x 50.68
RMS y 55.33
side N [adc counts]
side P [adc counts]

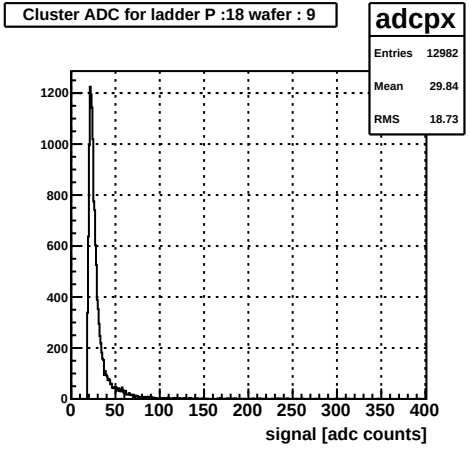

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 14354
Mean 25.78
RMS 16.97
signal [adc counts]

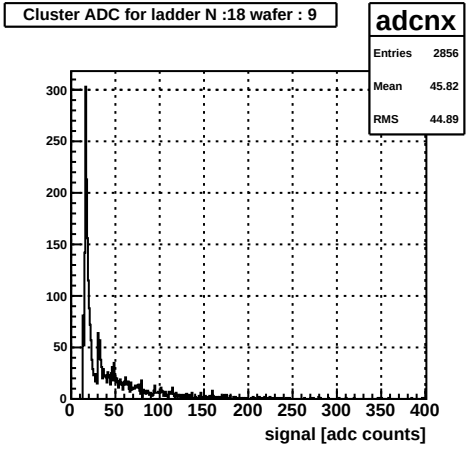

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3293
Mean 29.14
RMS 34.98
signal [adc counts]

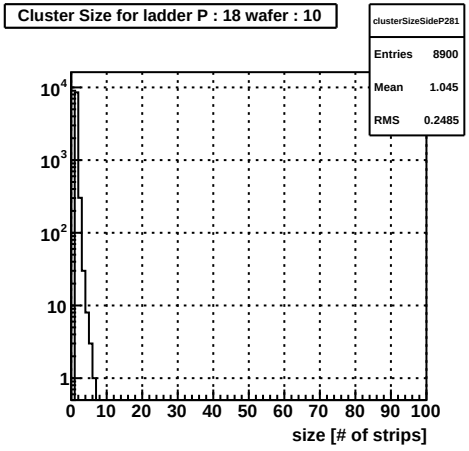

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 12982
Mean 1.059
RMS 0.2635
size [# of strips]

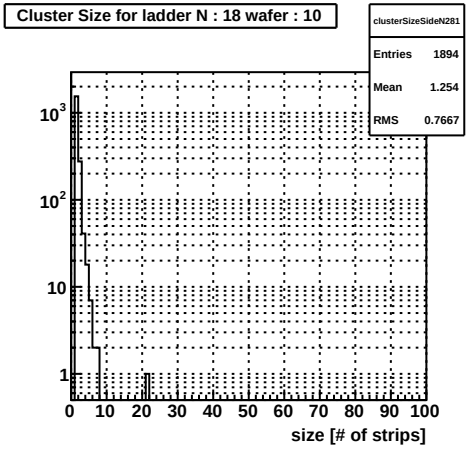

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 2856
Mean 1.968
RMS 1.619
size [# of strips]

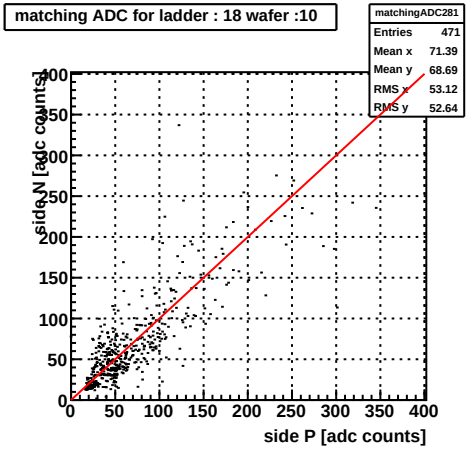

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 478
Mean x 66.59
Mean y 70.33
RMS x 56.1
RMS y 58.83
side N [adc counts]
side P [adc counts]

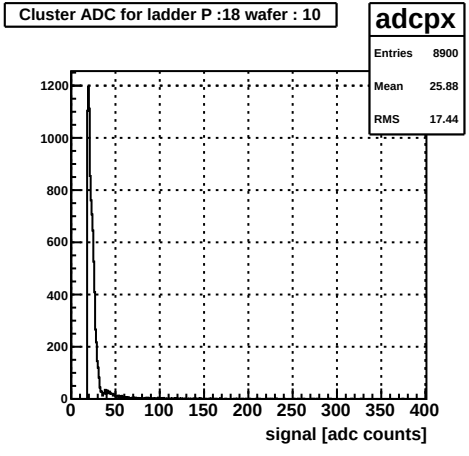

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 12982
Mean 29.84
RMS 18.73
signal [adc counts]

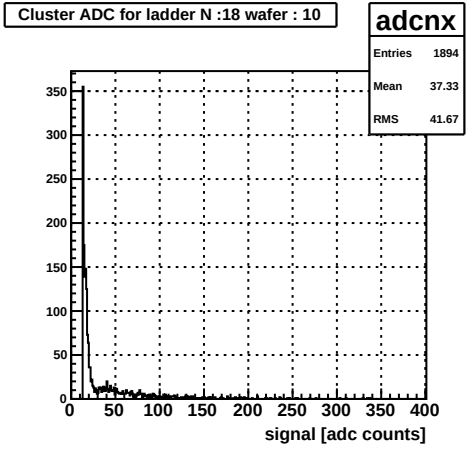

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 2856
Mean 45.82
RMS 44.89
signal [adc counts]

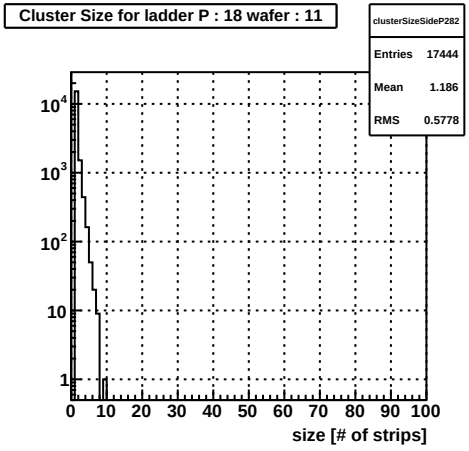

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 8900
Mean 1.045
RMS 0.2485
size [# of strips]

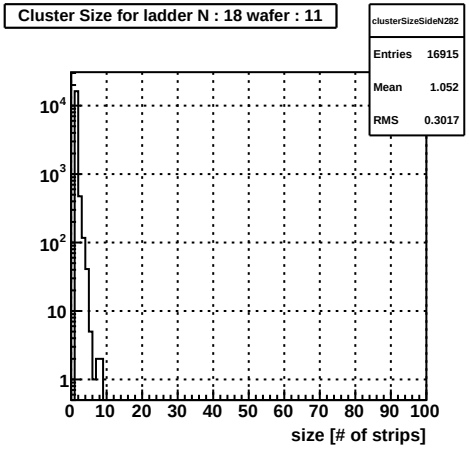

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1894
Mean 1.254
RMS 0.7667
size [# of strips]

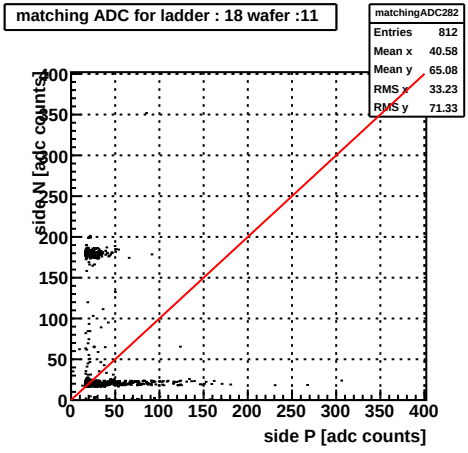

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 471
Mean x 71.39
Mean y 68.69
RMS x 53.12
RMS y 52.64
side N [adc counts]
side P [adc counts]

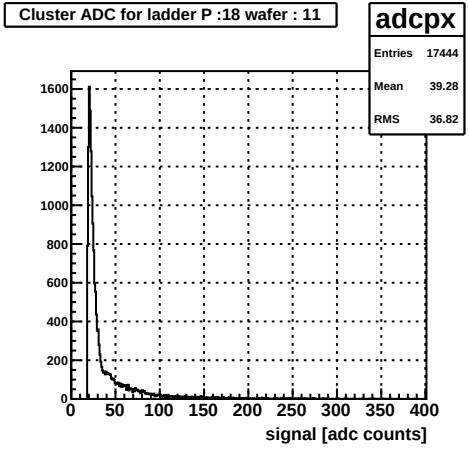

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 8900
Mean 25.88
RMS 17.44
signal [adc counts]

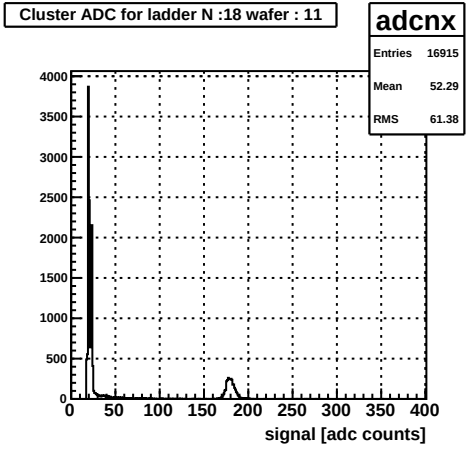

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1894
Mean 37.33
RMS 41.67
signal [adc counts]

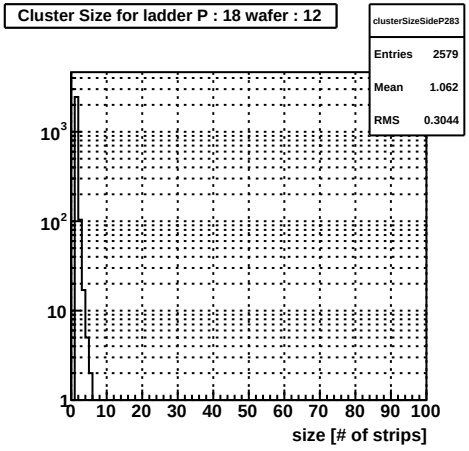

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 17444
Mean 1.186
RMS 0.5778
size [# of strips]

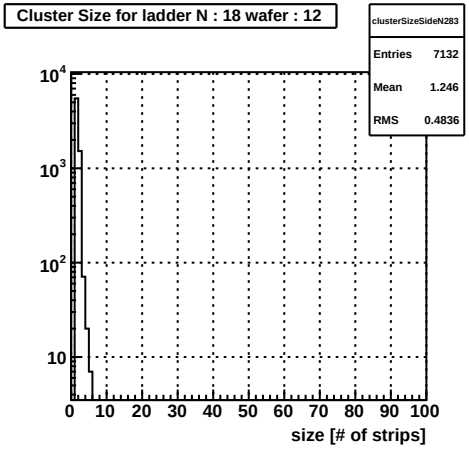

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 16915
Mean 1.052
RMS 0.3017
size [# of strips]

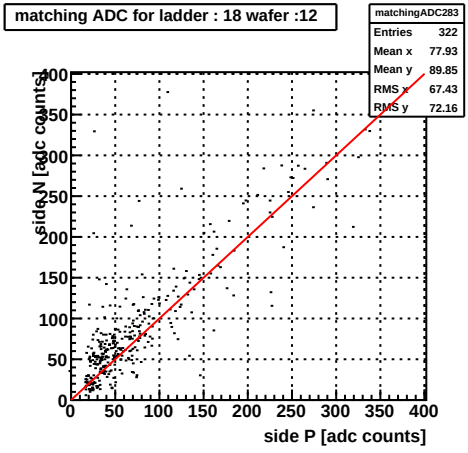

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 812
Mean x 40.58
Mean y 65.08
RMS x 33.23
RMS y 71.33
side N [adc counts]
side P [adc counts]

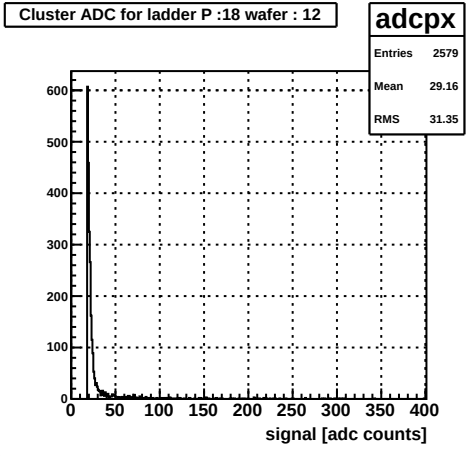

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 17444
Mean 39.28
RMS 36.82
signal [adc counts]

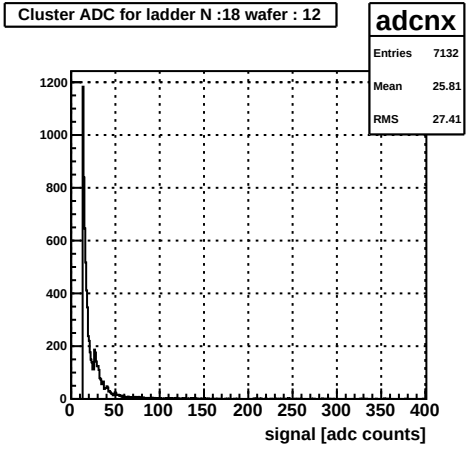

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 16915
Mean 52.29
RMS 61.38
signal [adc counts]

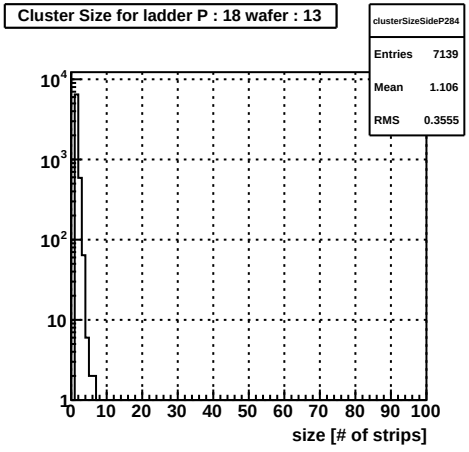

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2579
Mean 1.062
RMS 0.3044
size [# of strips]

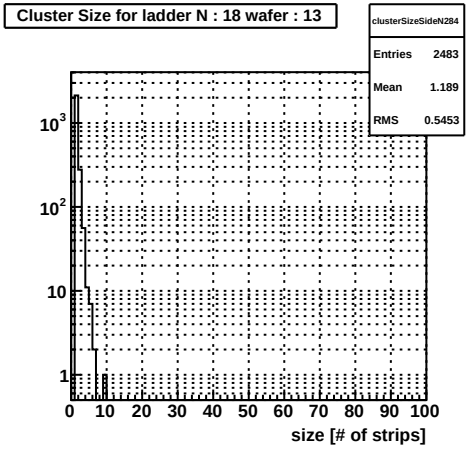

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 7132
Mean 1.246
RMS 0.4836
size [# of strips]

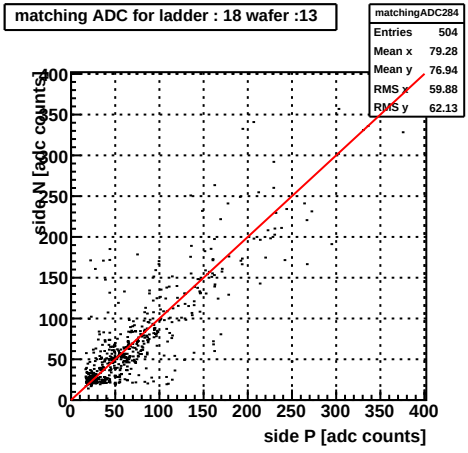

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 322
Mean x 77.93
Mean y 89.85
RMS x 67.43
RMS y 72.16
side N [adc counts]
side P [adc counts]

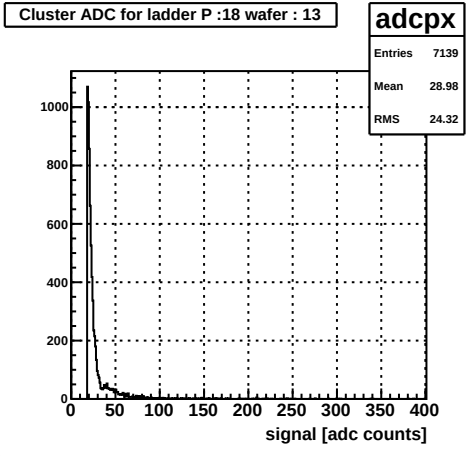

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2579
Mean 29.16
RMS 31.35
signal [adc counts]

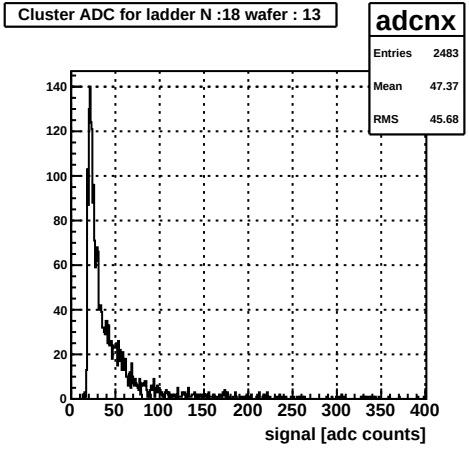

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 7132
Mean 25.81
RMS 27.41
signal [adc counts]

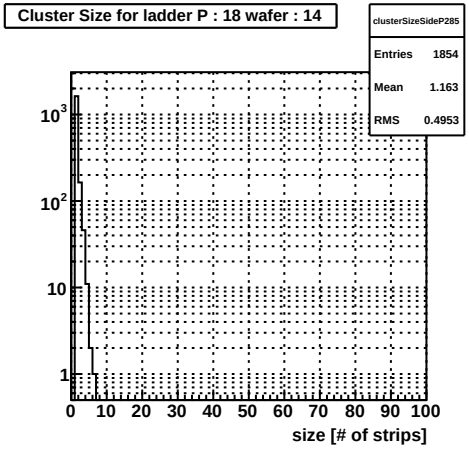

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 7139
Mean 1.106
RMS 0.3555
size [# of strips]

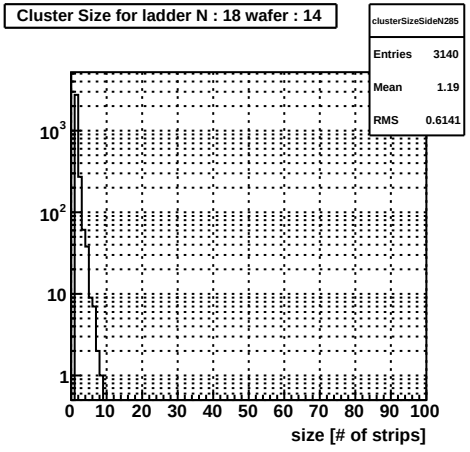

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2483
Mean 1.189
RMS 0.5453
size [# of strips]

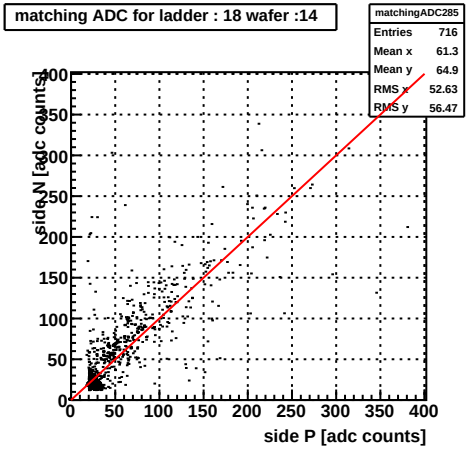

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 504
Mean x 79.28
Mean y 76.94
RMS x 59.88
RMS y 62.13
side N [adc counts]
side P [adc counts]

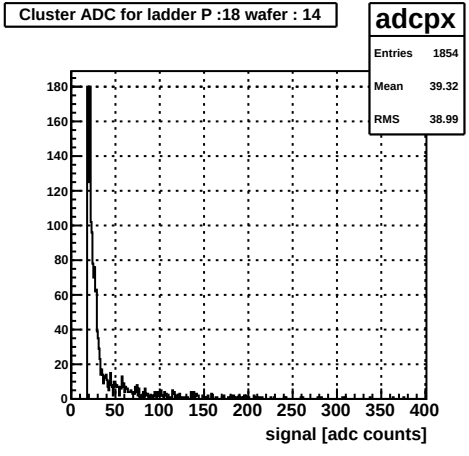

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 7139
Mean 28.98
RMS 24.32
signal [adc counts]

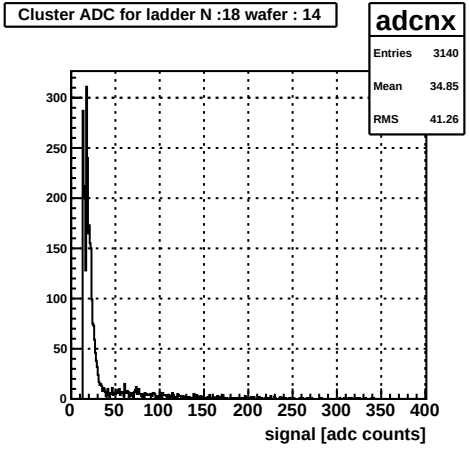

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2483
Mean 47.37
RMS 45.68
signal [adc counts]

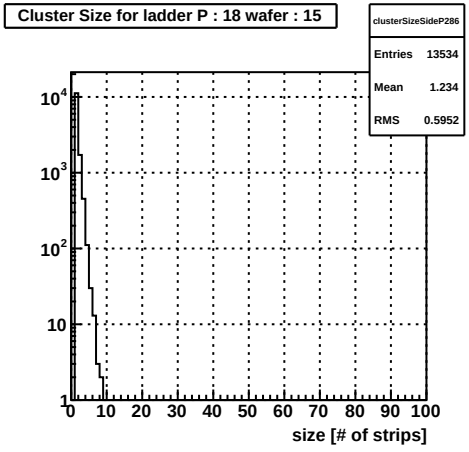

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1854
Mean 1.163
RMS 0.4953
size [# of strips]

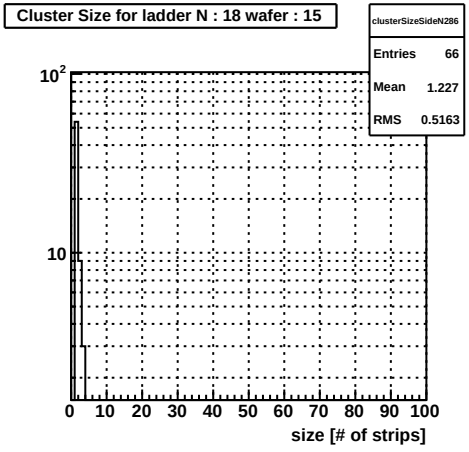

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3140
Mean 1.19
RMS 0.6141
size [# of strips]

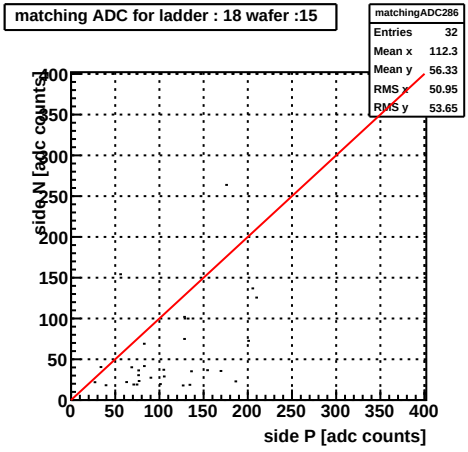

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 716
Mean x 61.3
Mean y 64.9
RMS x 52.63
RMS y 56.47
side N [adc counts]
side P [adc counts]

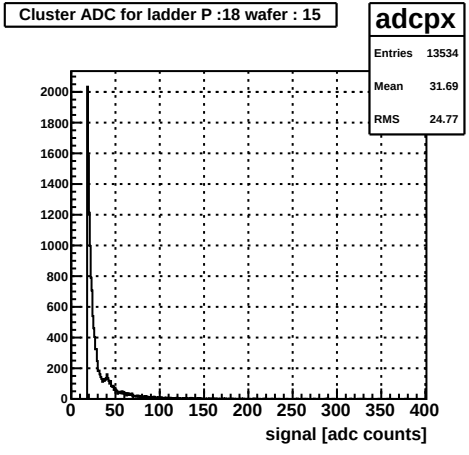

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1854
Mean 39.32
RMS 38.99
signal [adc counts]

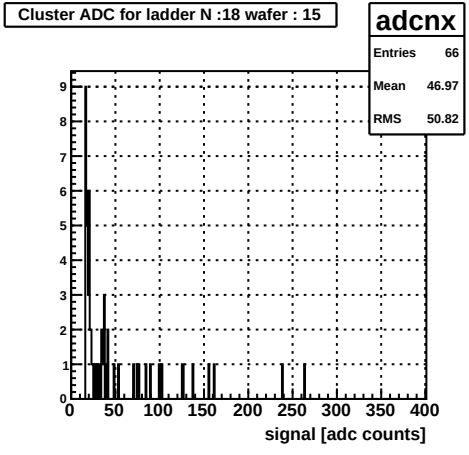

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3140
Mean 34.85
RMS 41.26
signal [adc counts]

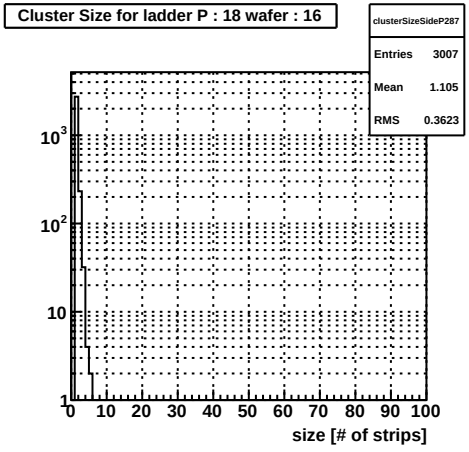

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 13534
Mean 1.234
RMS 0.5952
size [# of strips]

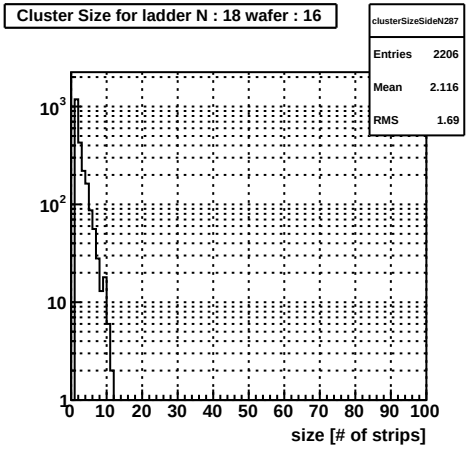

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 66
Mean 1.227
RMS 0.5163
size [# of strips]

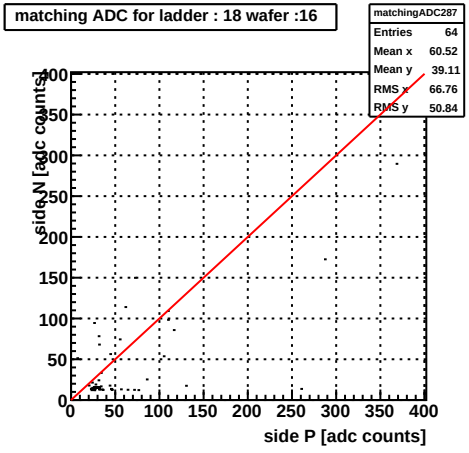

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 32
Mean x 112.3
Mean y 56.33
RMS x 50.95
RMS y 53.65
side N [adc counts]
side P [adc counts]

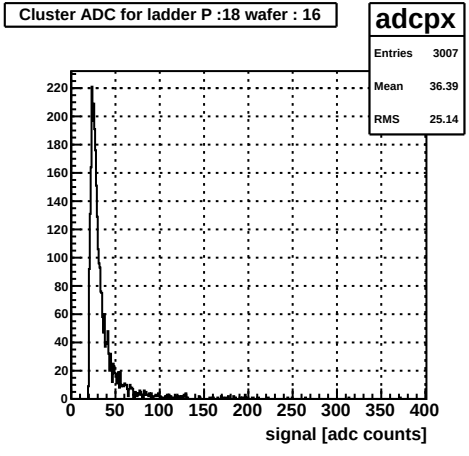

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 13534
Mean 31.69
RMS 24.77
signal [adc counts]

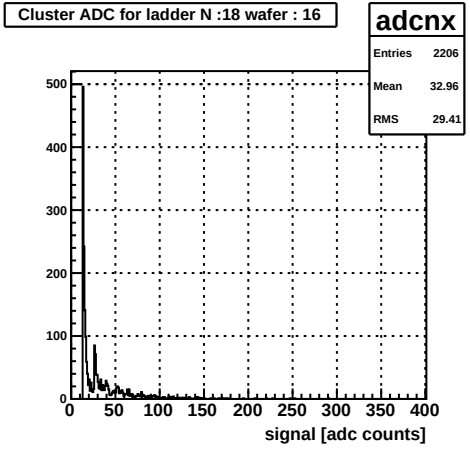

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 66
Mean 46.97
RMS 50.82
signal [adc counts]

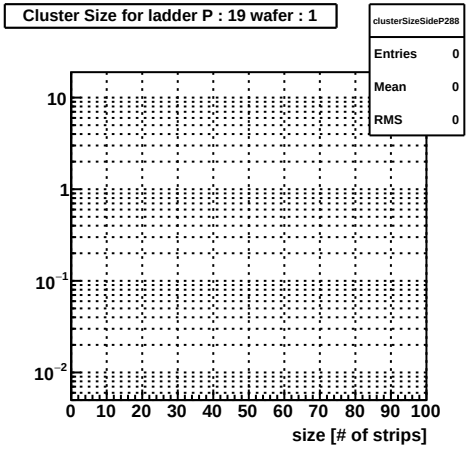

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3007
Mean 1.105
RMS 0.3623
size [# of strips]

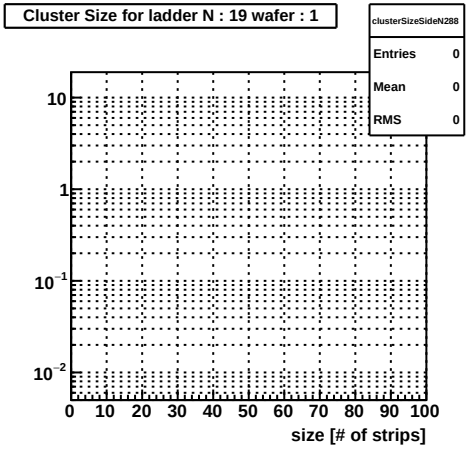

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2206
Mean 2.116
RMS 1.69
size [# of strips]

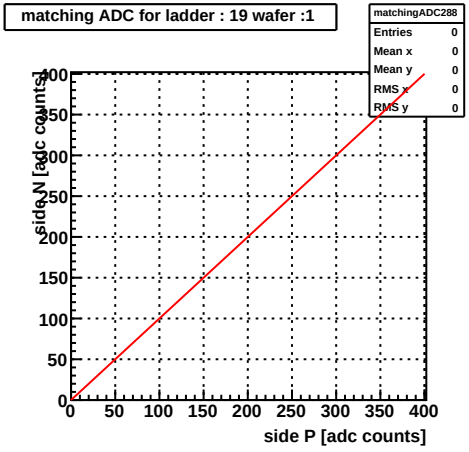

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 64
Mean x 60.52
Mean y 39.11
RMS x 66.76
RMS y 50.84
side N [adc counts]
side P [adc counts]

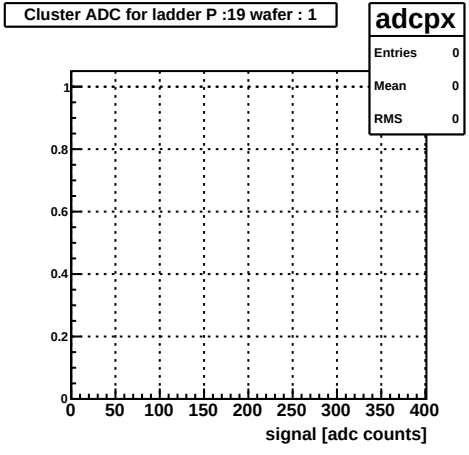

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3007
Mean 36.39
RMS 25.14
signal [adc counts]

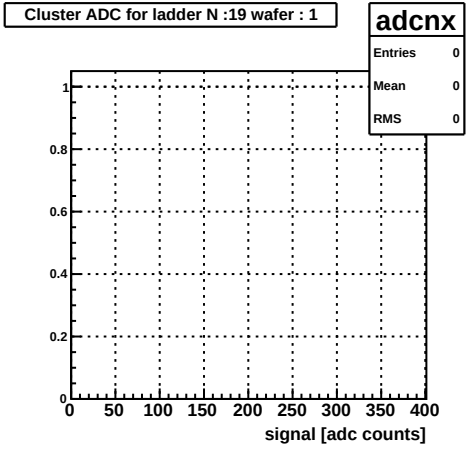

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2206
Mean 32.96
RMS 29.41
signal [adc counts]

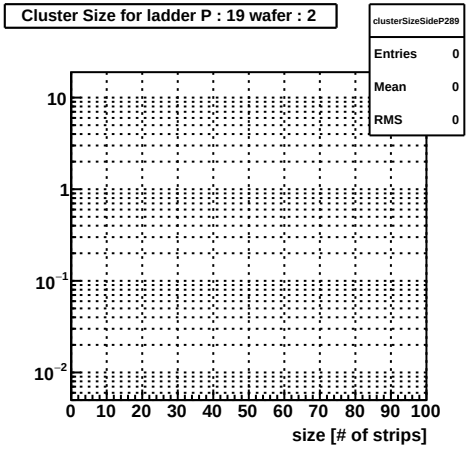

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

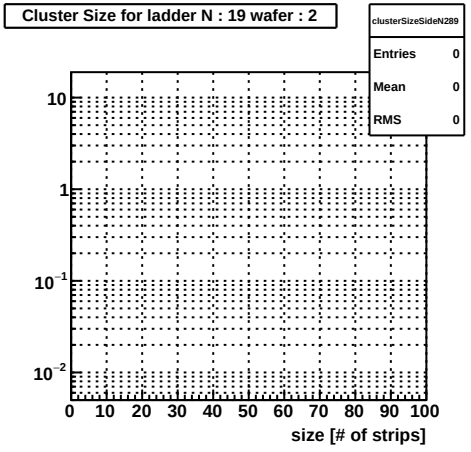

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

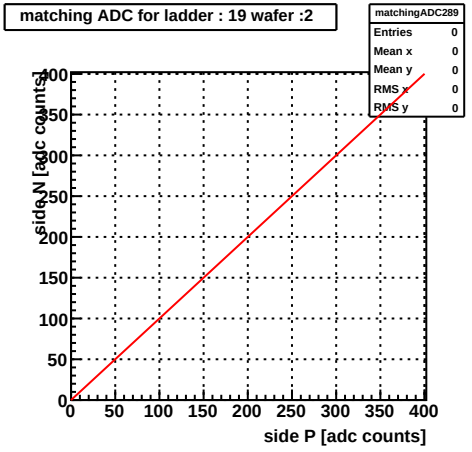

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

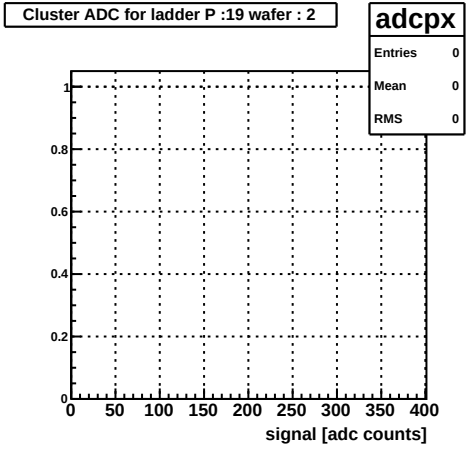

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

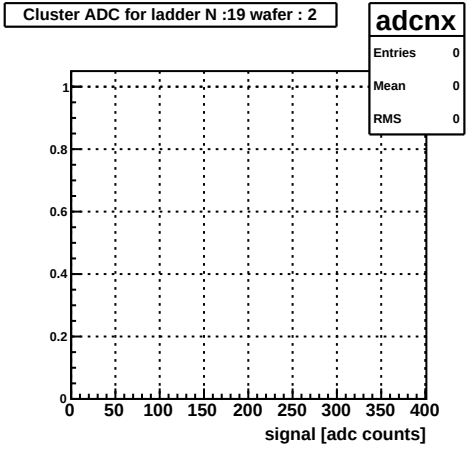

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

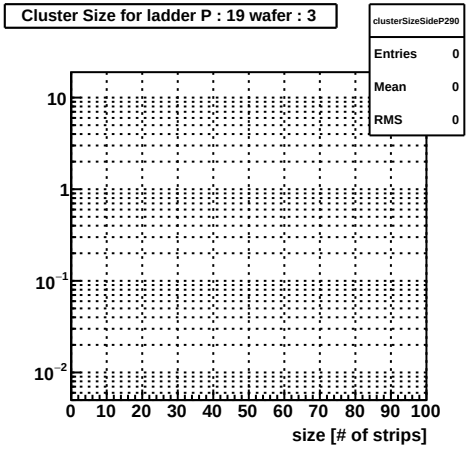

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

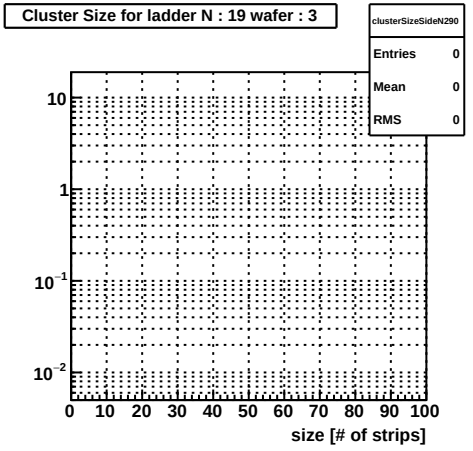

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

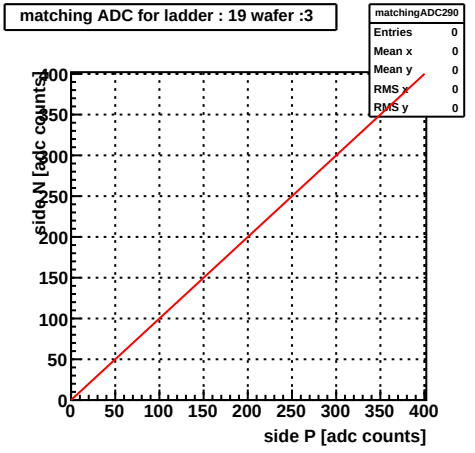

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

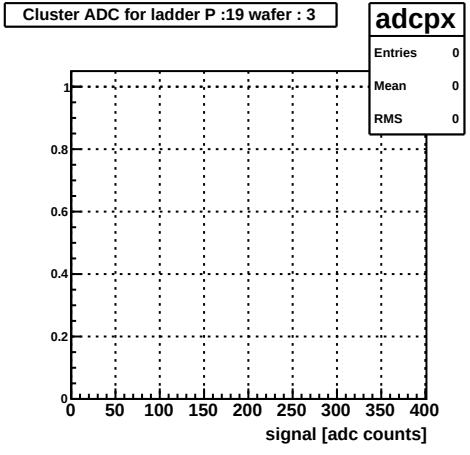

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

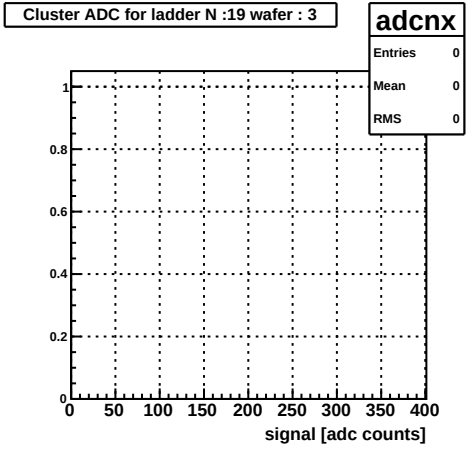

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

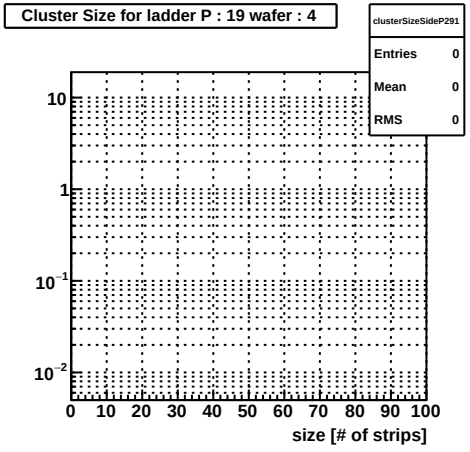

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

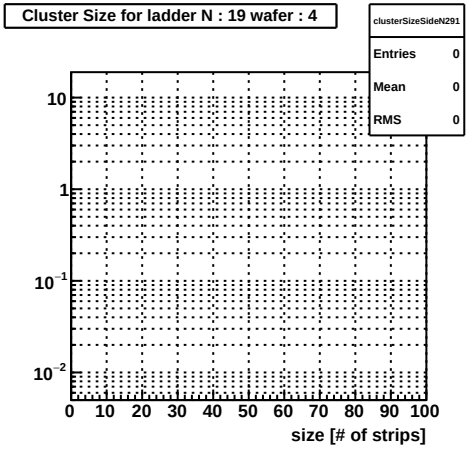

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

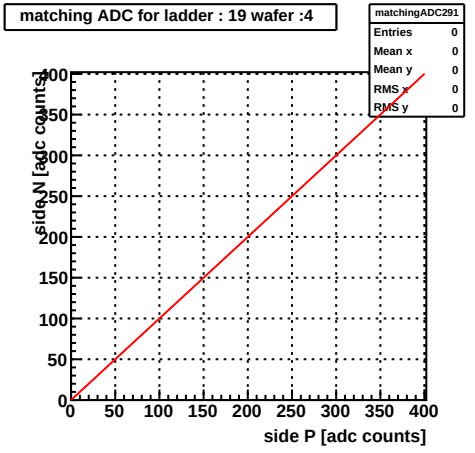

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

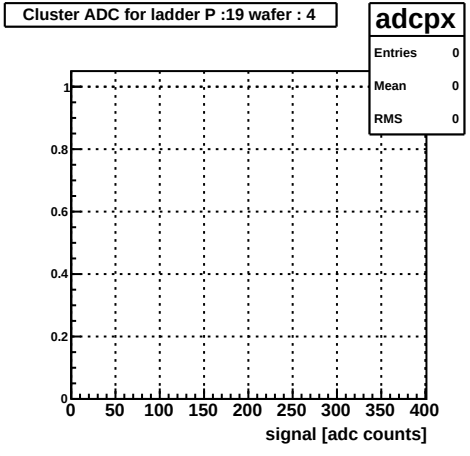

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

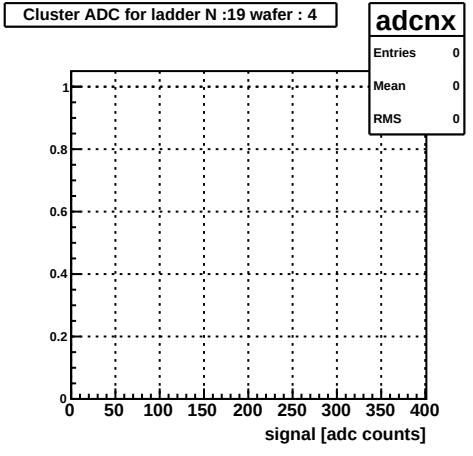

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

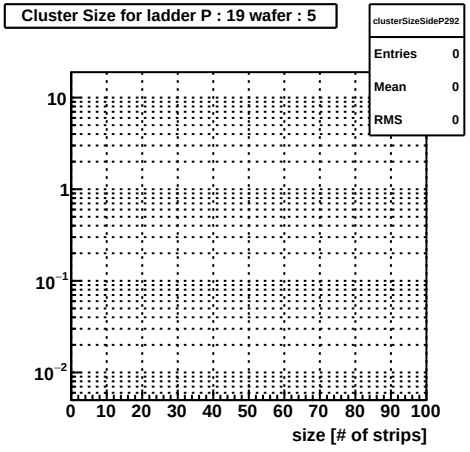

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

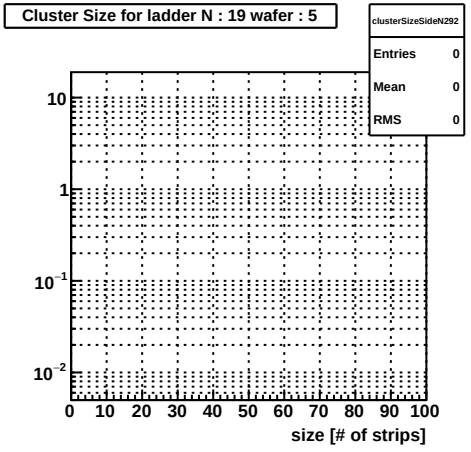

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

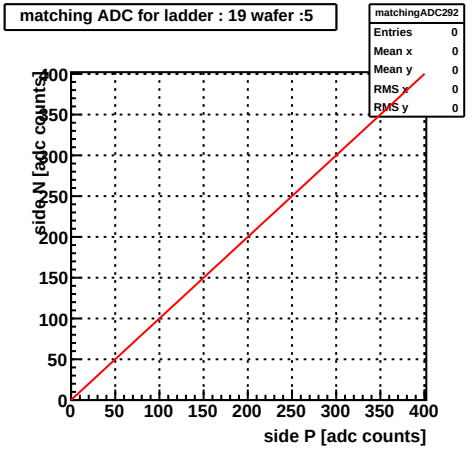

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

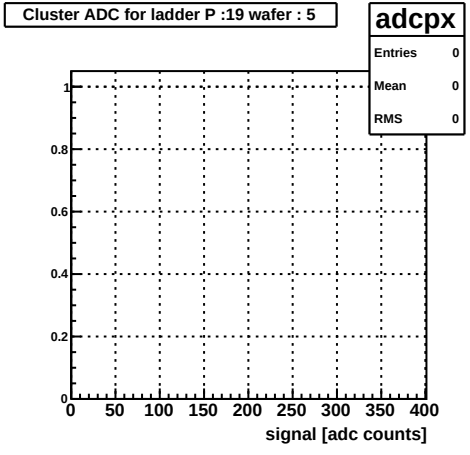

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

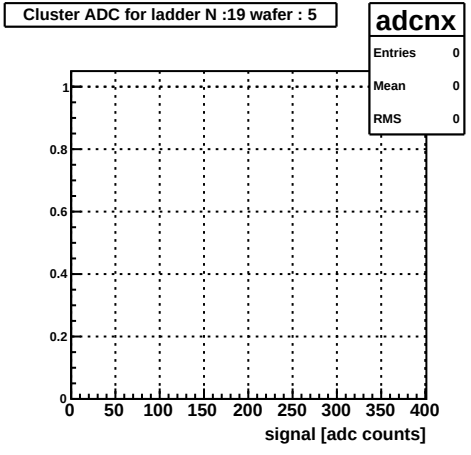

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

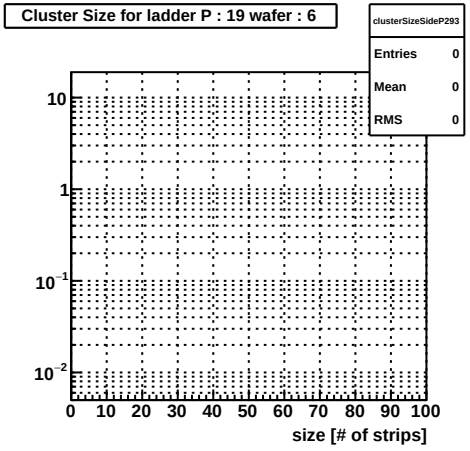

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

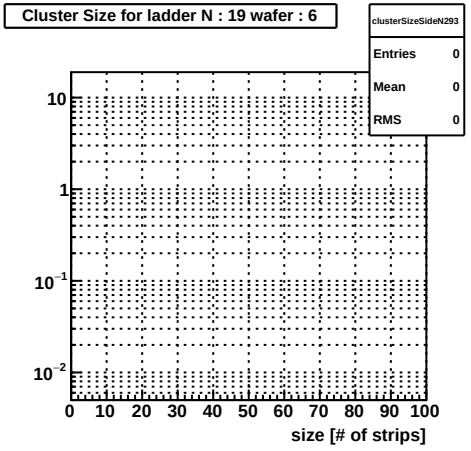

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

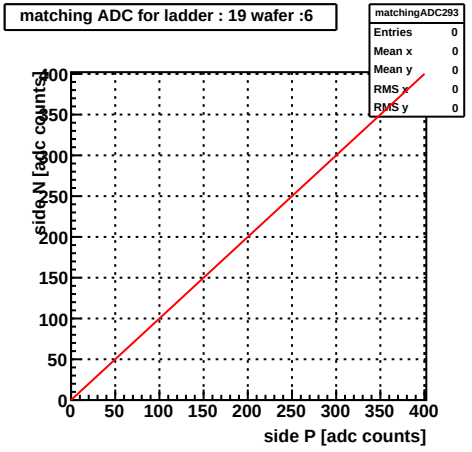

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

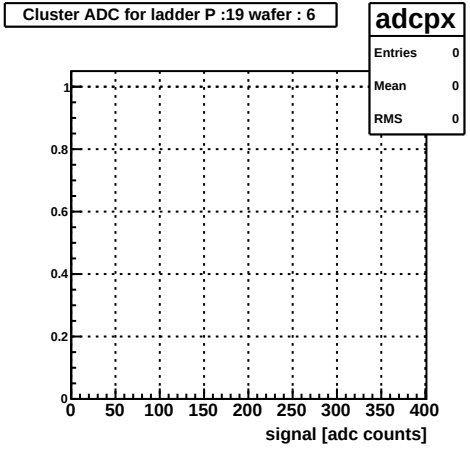

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

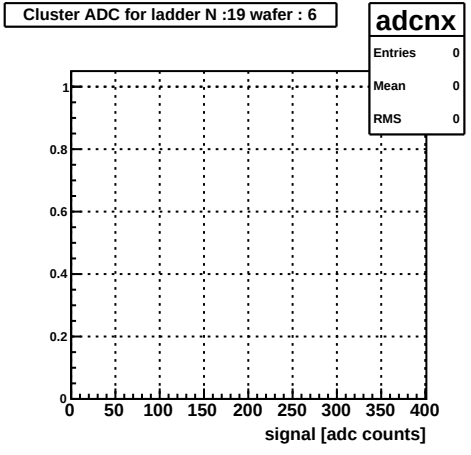

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

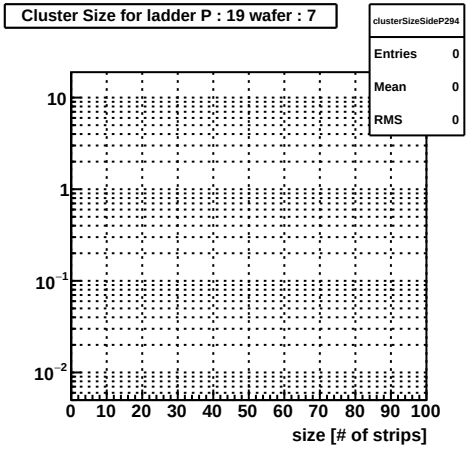

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

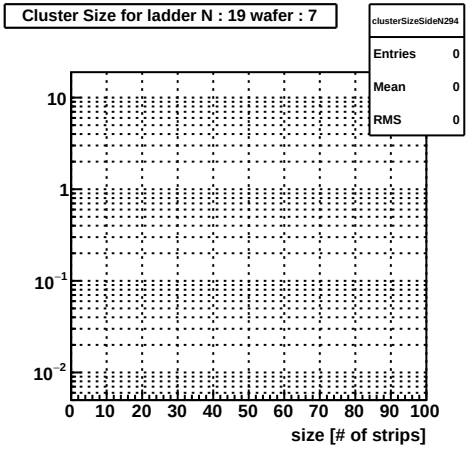

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

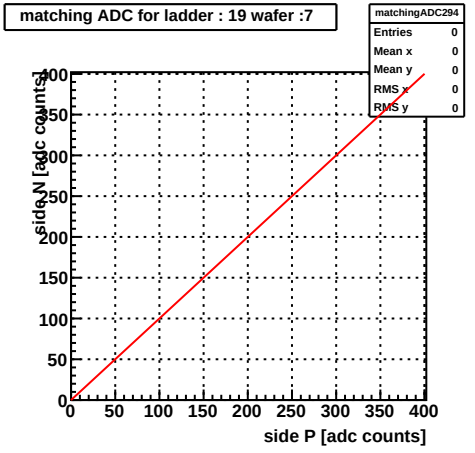

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

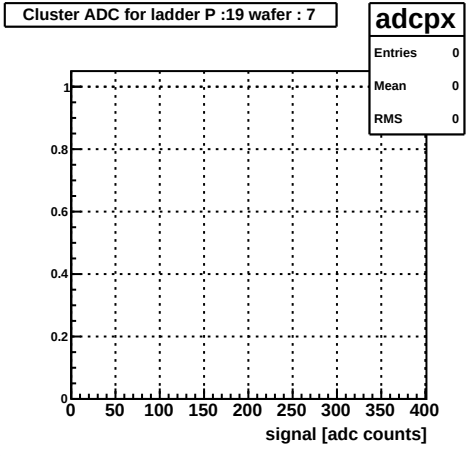

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

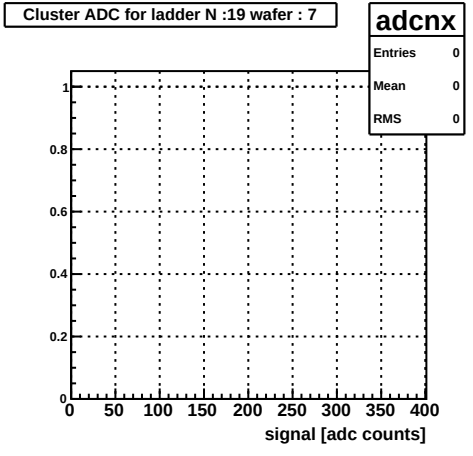

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

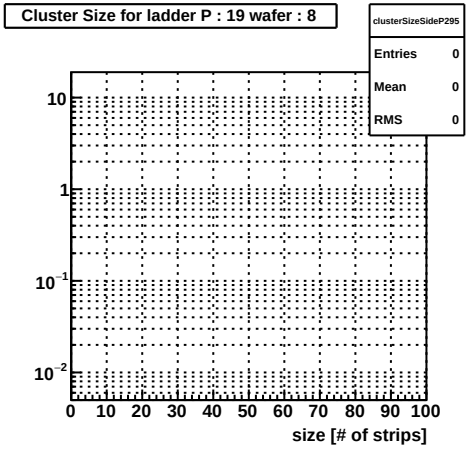

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

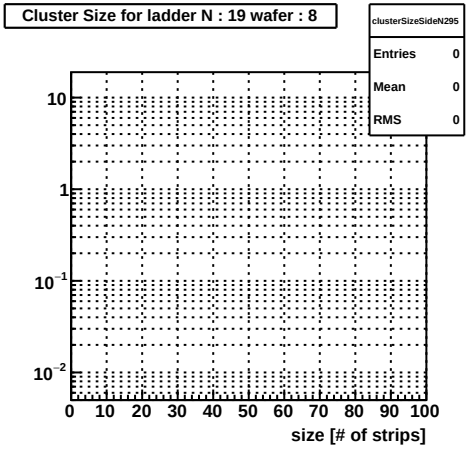

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

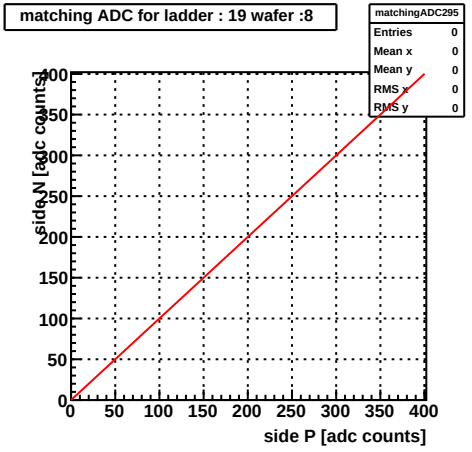

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

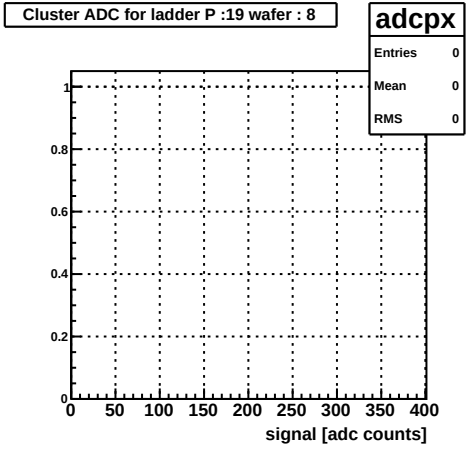

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

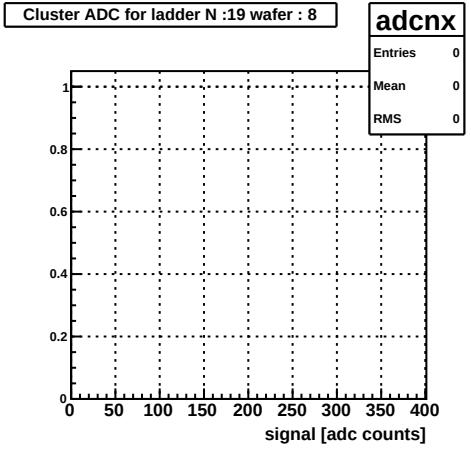

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

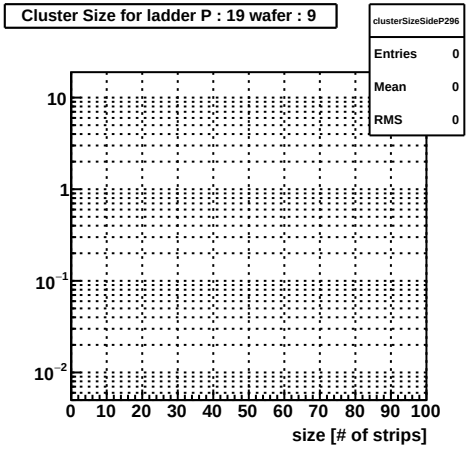

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

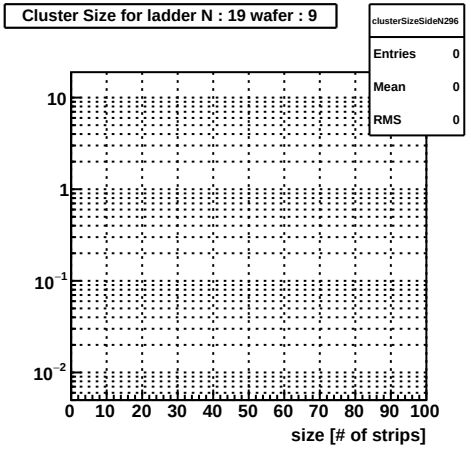

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

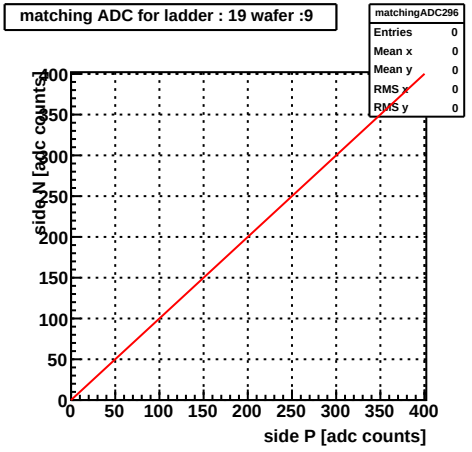

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

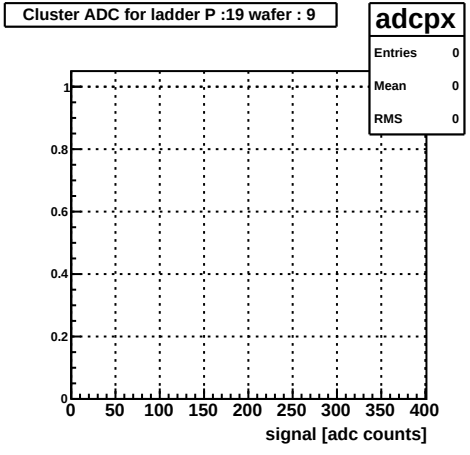

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

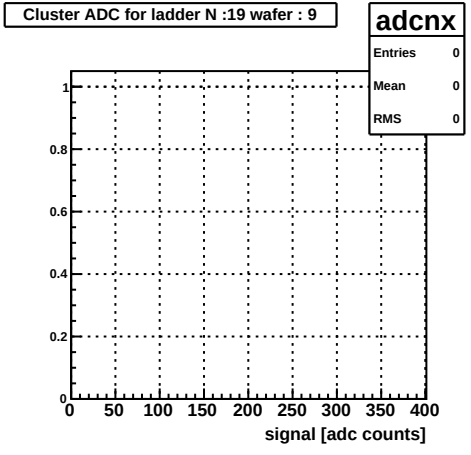

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

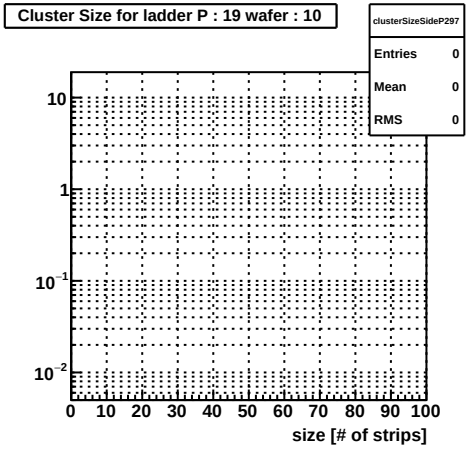

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

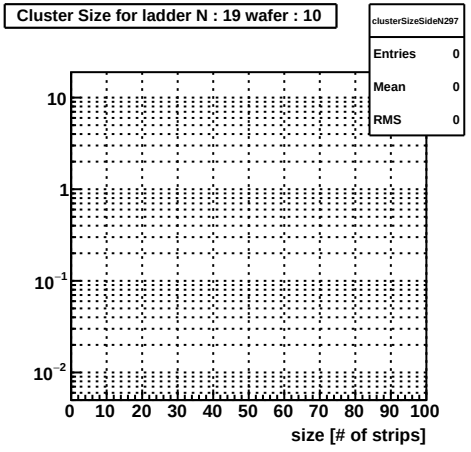

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

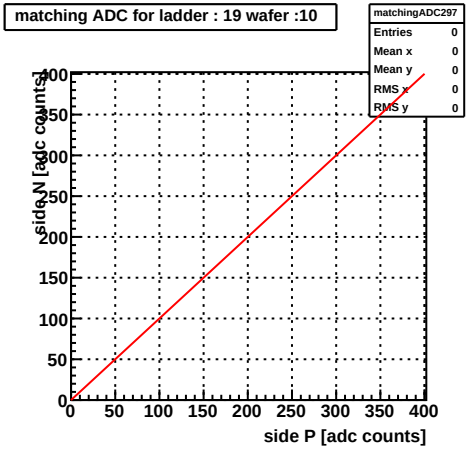

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

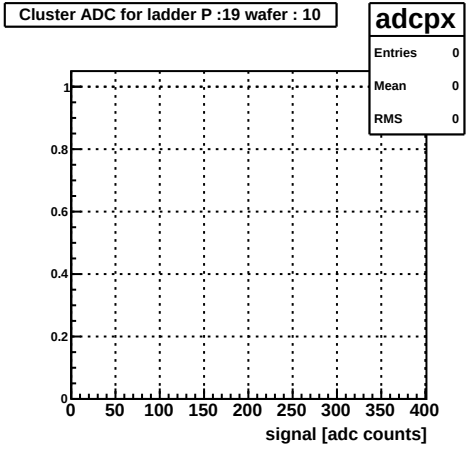

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

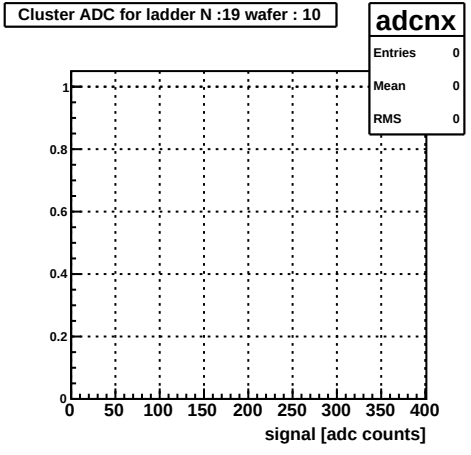

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

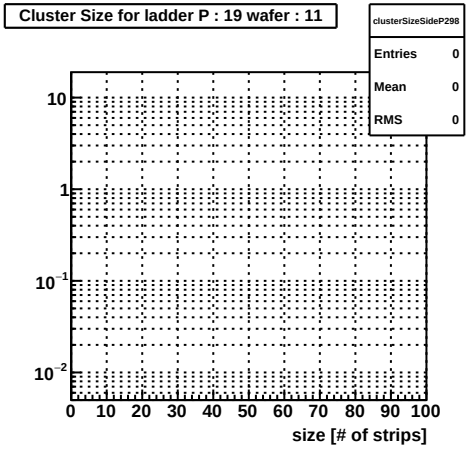

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

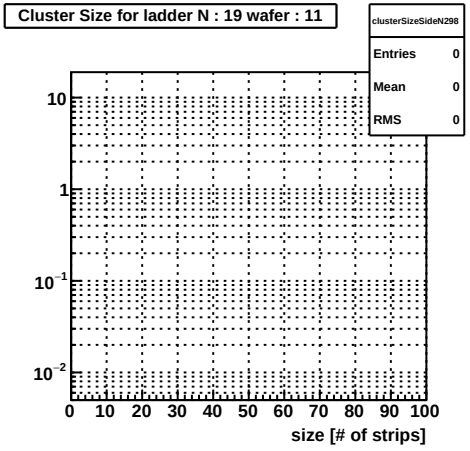

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

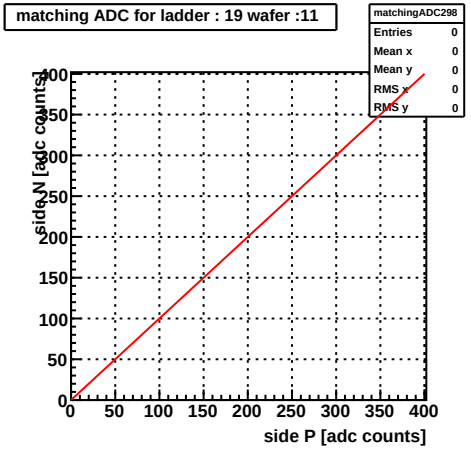

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

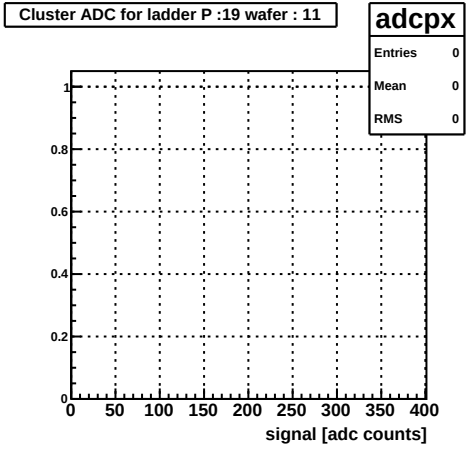

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

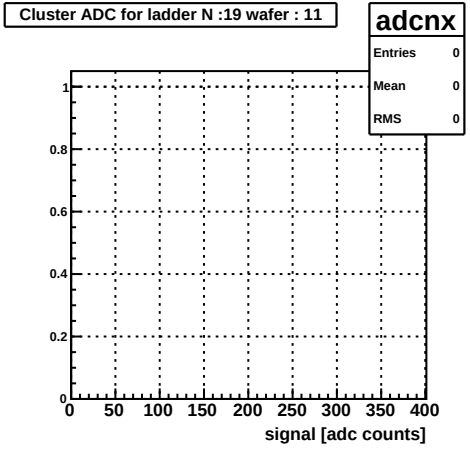

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

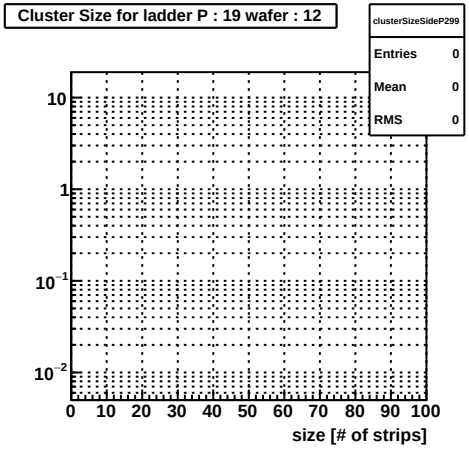

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

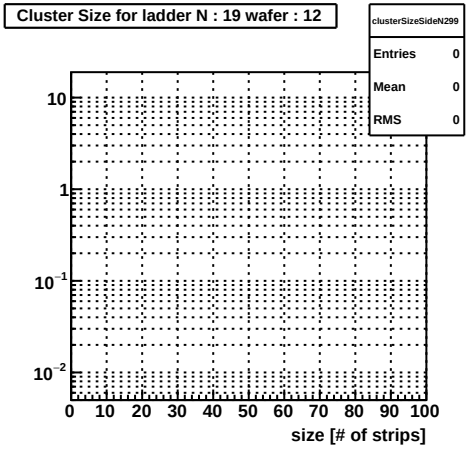

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

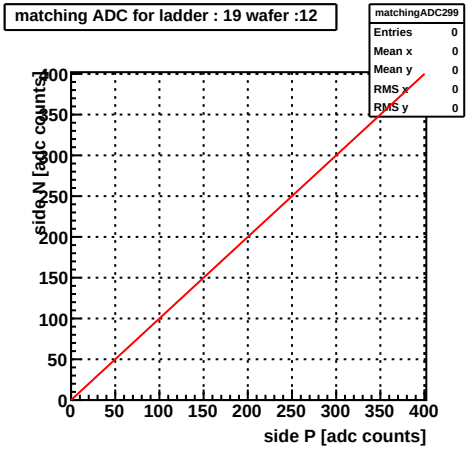

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

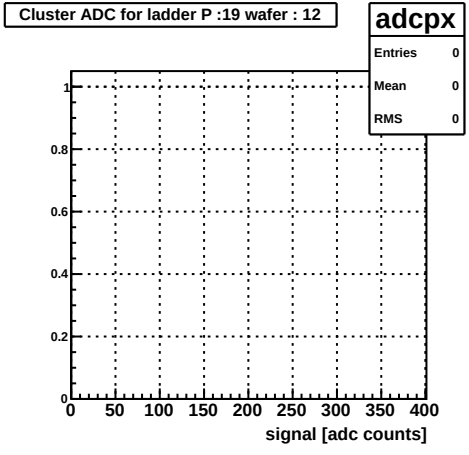

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

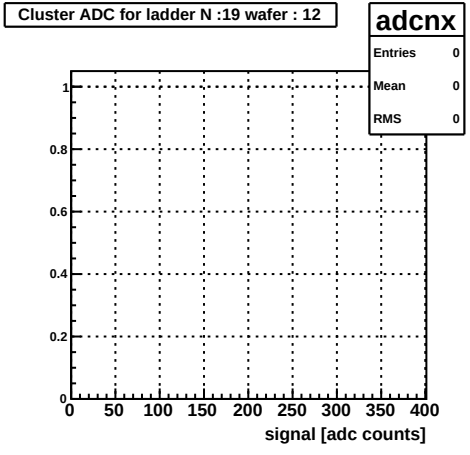

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

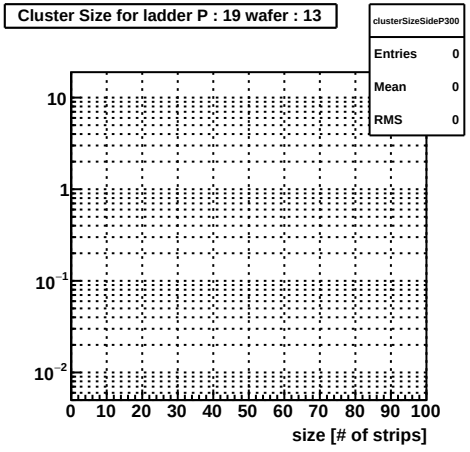

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

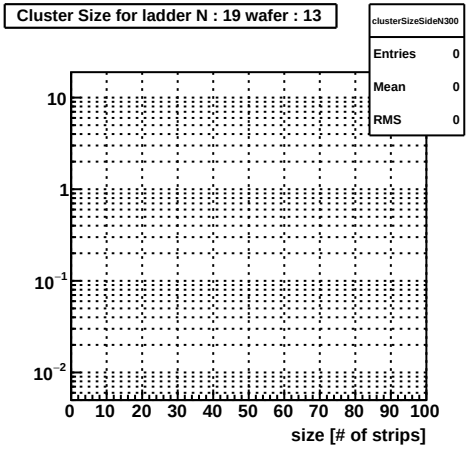

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

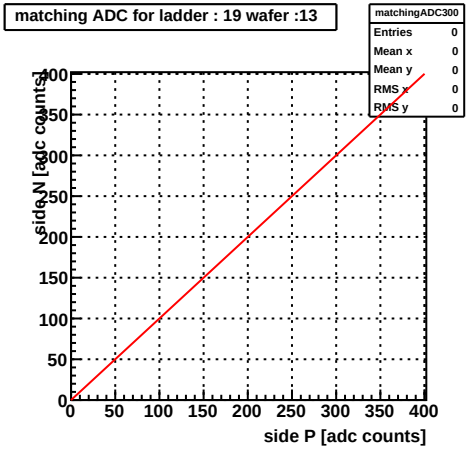

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

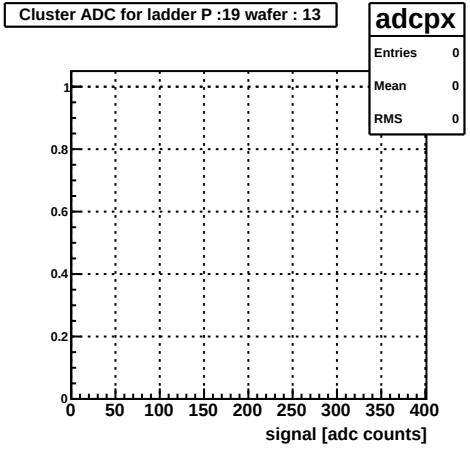

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

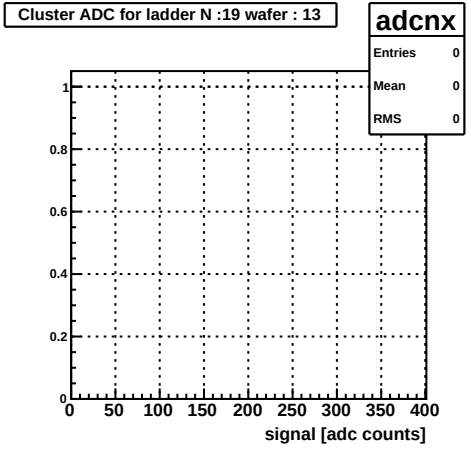

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

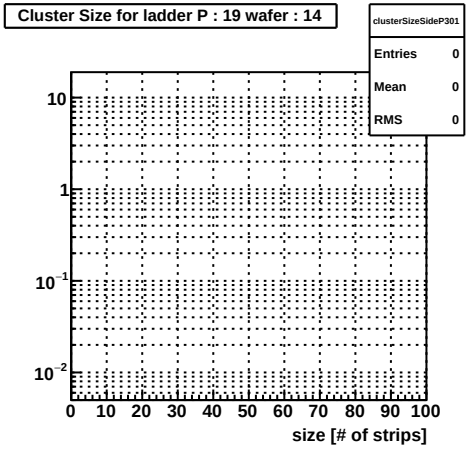

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

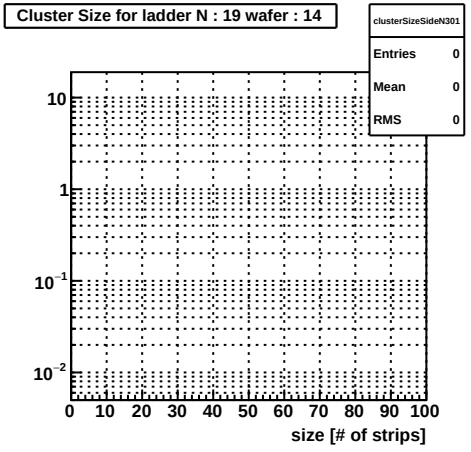

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

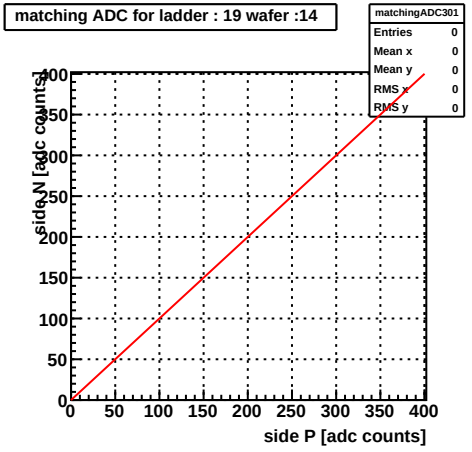

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

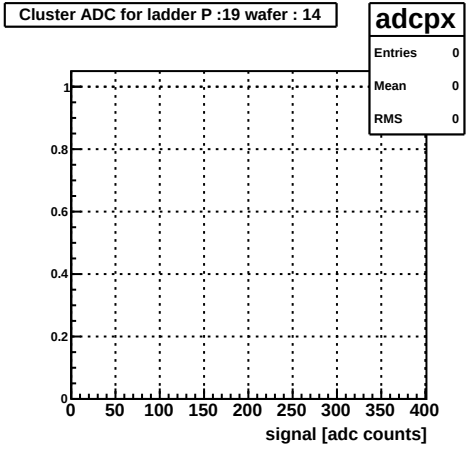

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

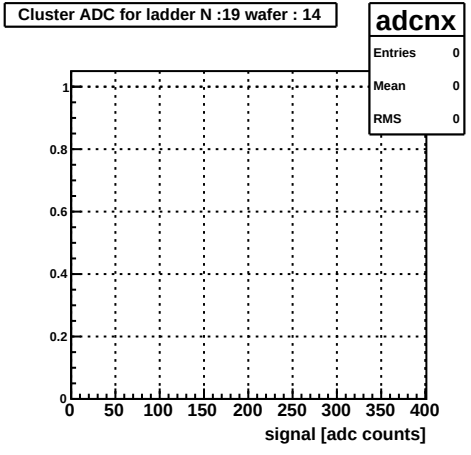

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

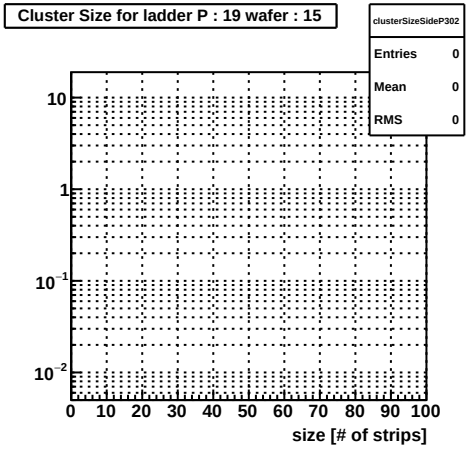

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

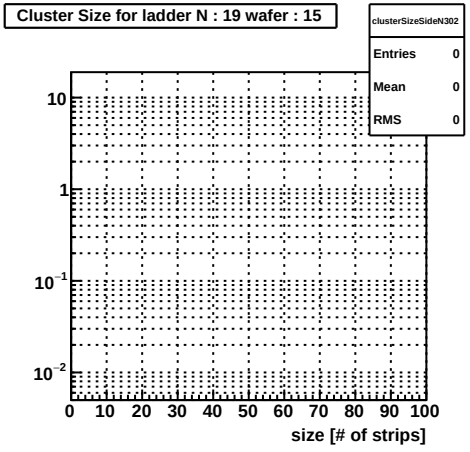

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

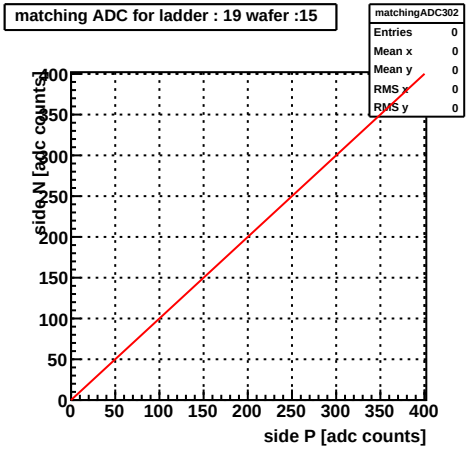

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

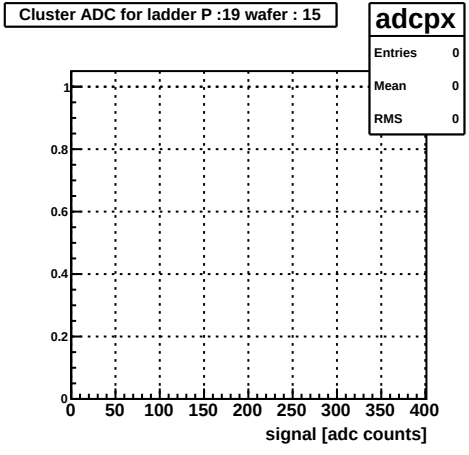

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

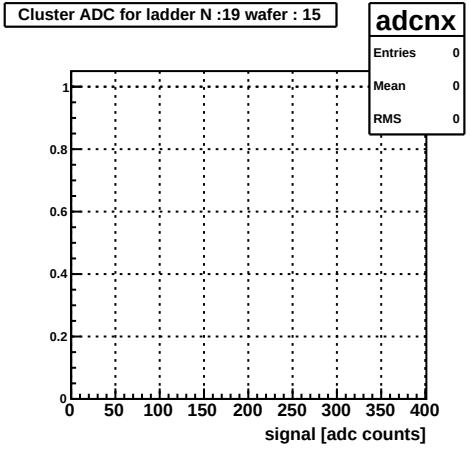

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

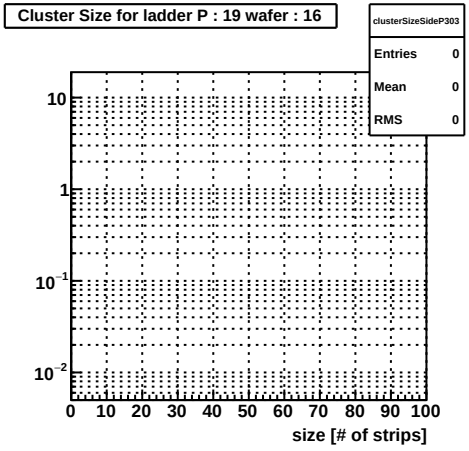

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

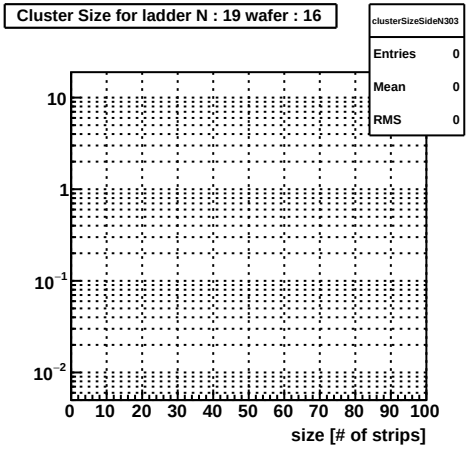

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

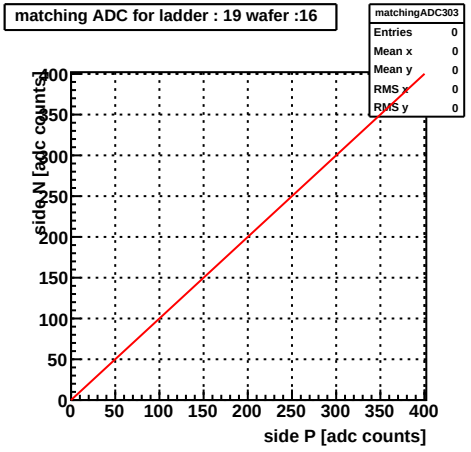

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

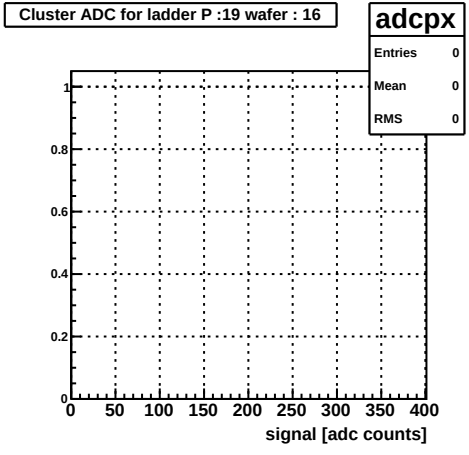

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

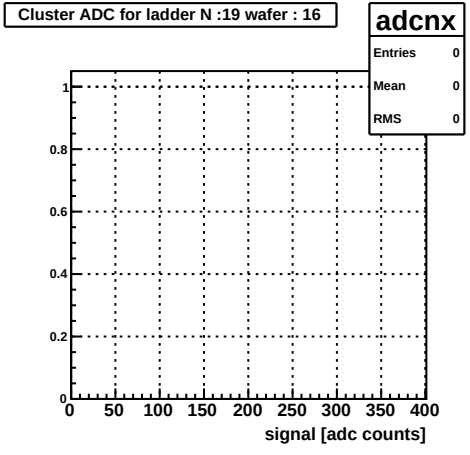

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

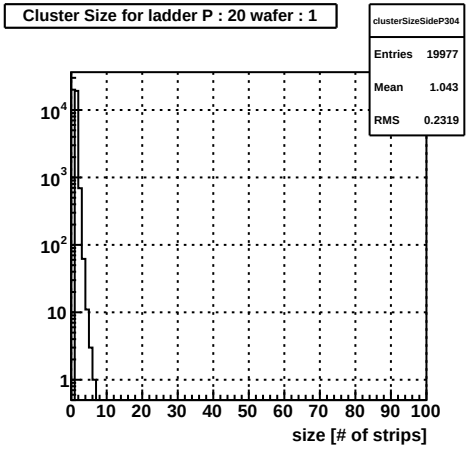

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

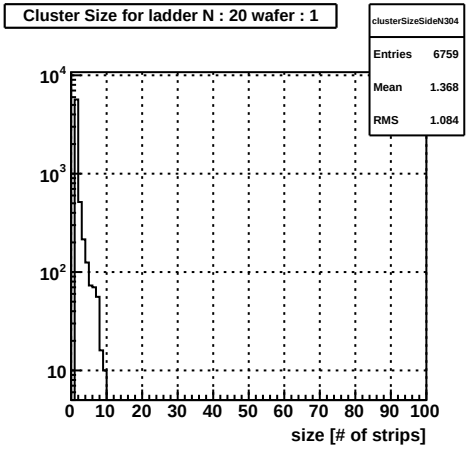

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

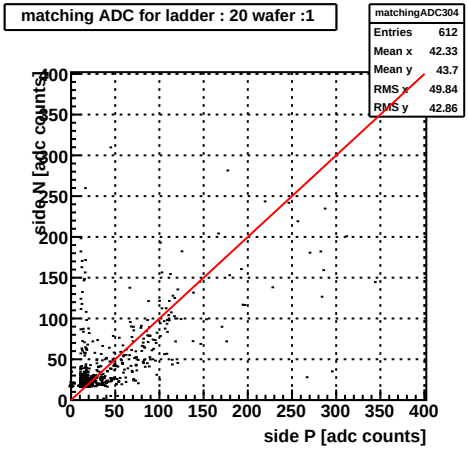

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

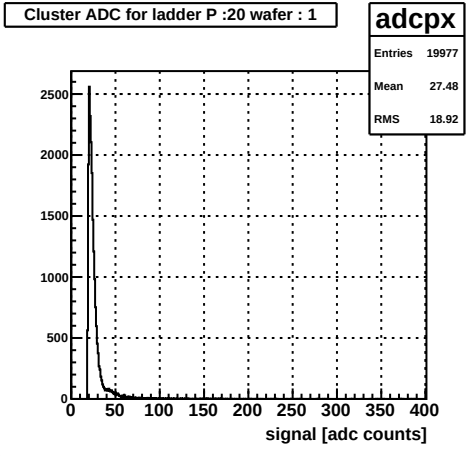

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

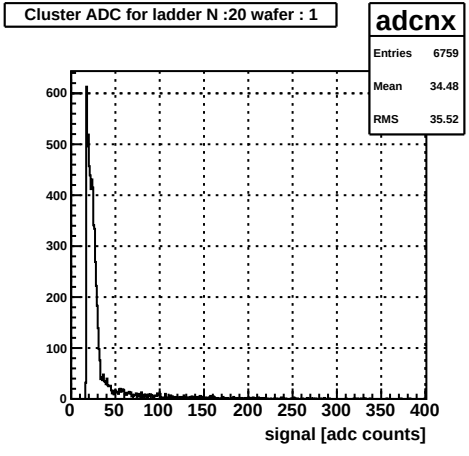

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

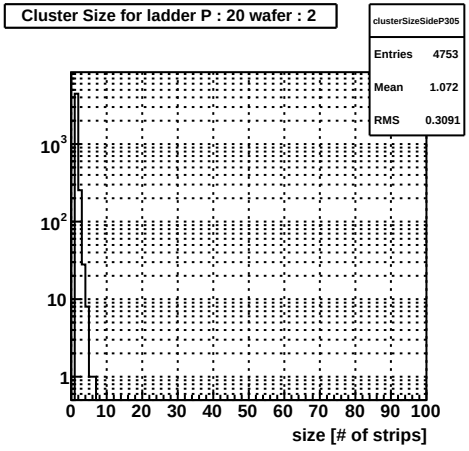

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 19977
Mean 1.043
RMS 0.2319
size [# of strips]

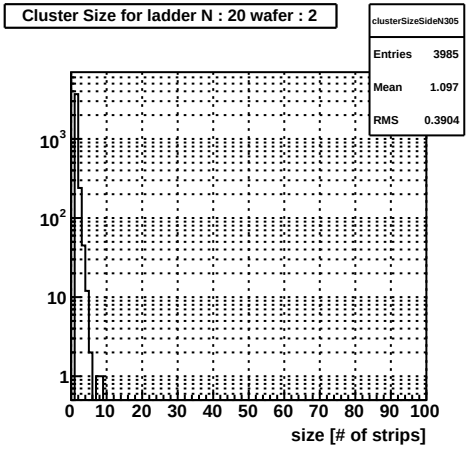

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 6759
Mean 1.368
RMS 1.084
size [# of strips]

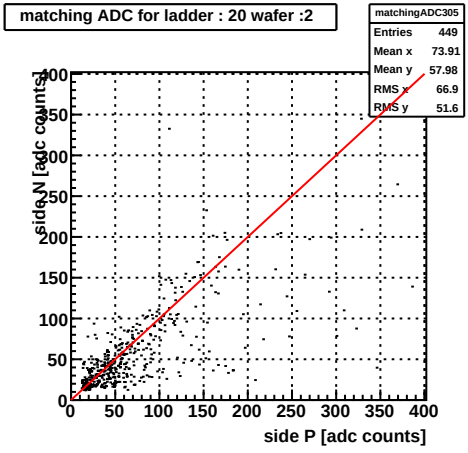

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 612
Mean x 42.33
Mean y 43.7
RMS x 49.84
RMS y 42.86
side N [adc counts]
side P [adc counts]

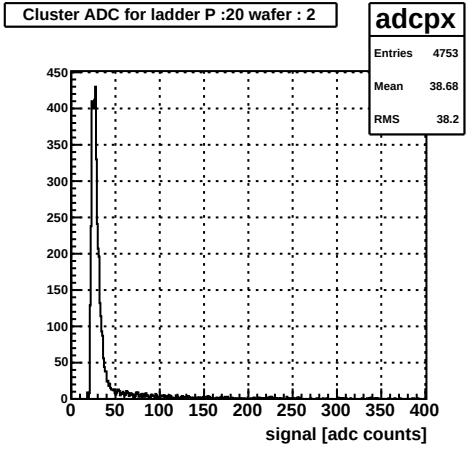

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 19977
Mean 27.48
RMS 18.92
signal [adc counts]

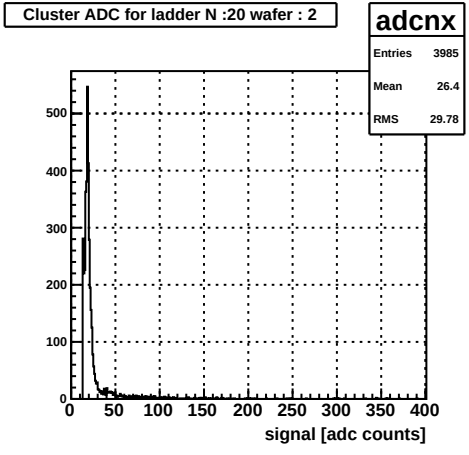

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 6759
Mean 34.48
RMS 35.52
signal [adc counts]

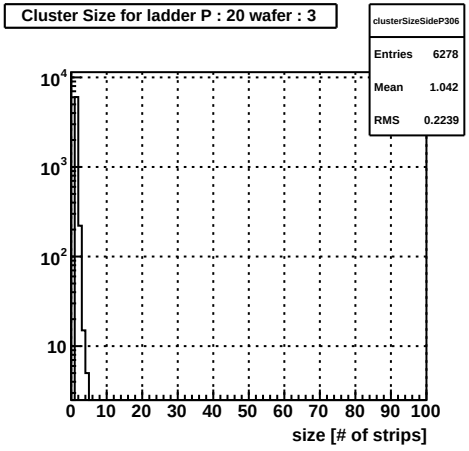

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 4753
Mean 1.072
RMS 0.3091
size [# of strips]

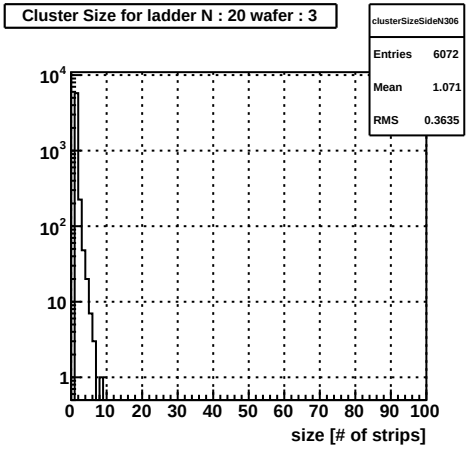

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 3985
Mean 1.097
RMS 0.3904
size [# of strips]

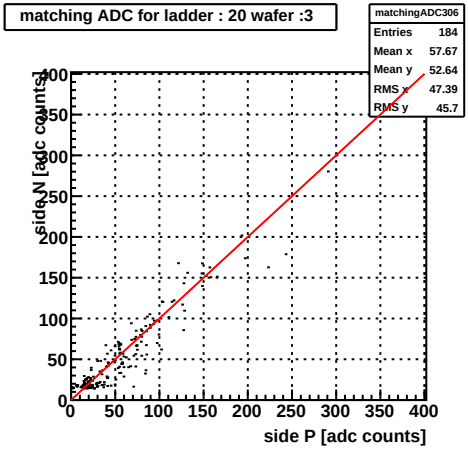

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 449
Mean x 73.91
Mean y 57.98
RMS x 66.9
RMS y 51.6
side N [adc counts]
side P [adc counts]

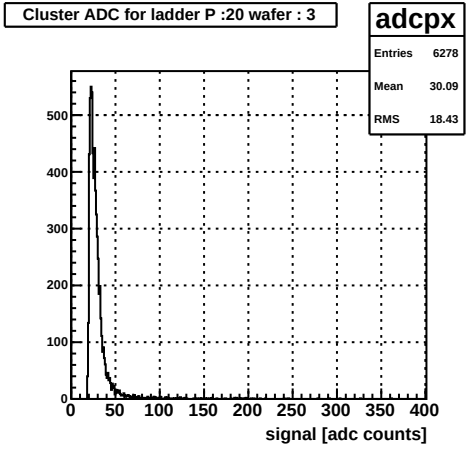

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 4753
Mean 38.68
RMS 38.2
signal [adc counts]

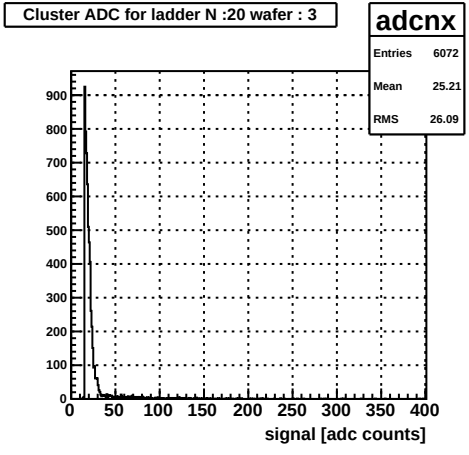

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 3985
Mean 26.4
RMS 29.78
signal [adc counts]

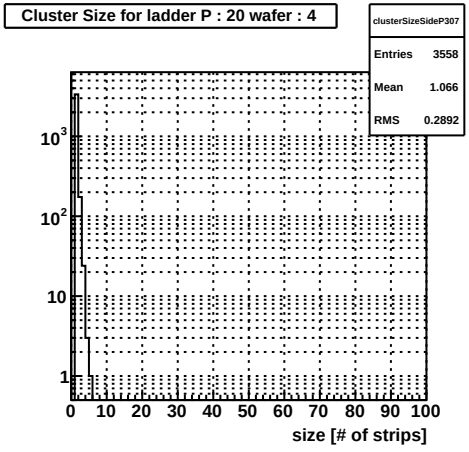

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 6278
Mean 1.042
RMS 0.2239
size [# of strips]

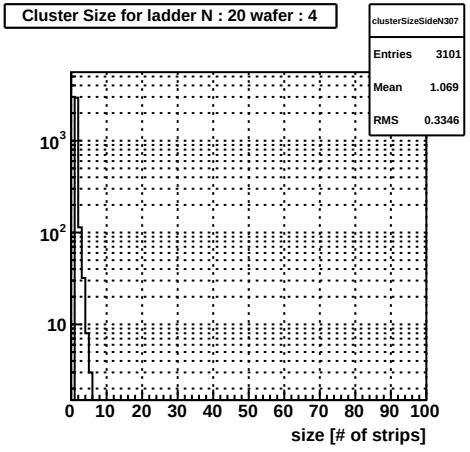

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 6072
Mean 1.071
RMS 0.3635
size [# of strips]

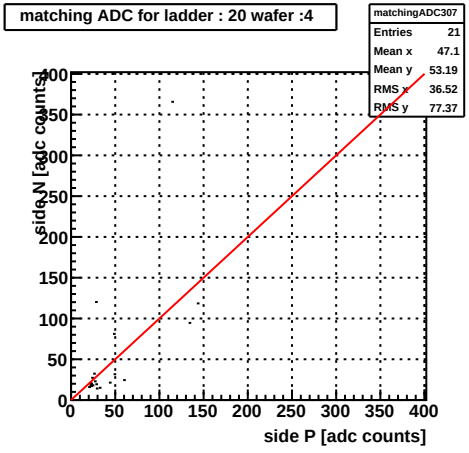

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 184
Mean x 57.67
Mean y 52.64
RMS x 47.39
RMS y 45.7
side N [adc counts]
side P [adc counts]

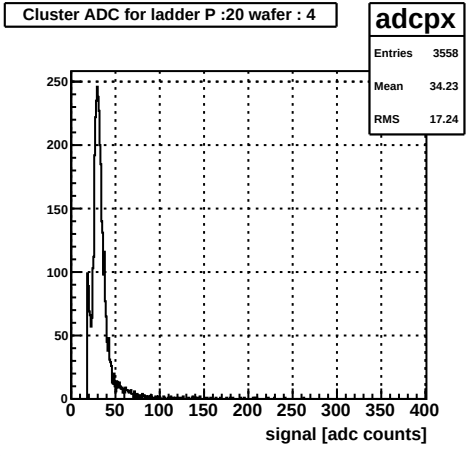

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 6278
Mean 30.09
RMS 18.43
signal [adc counts]

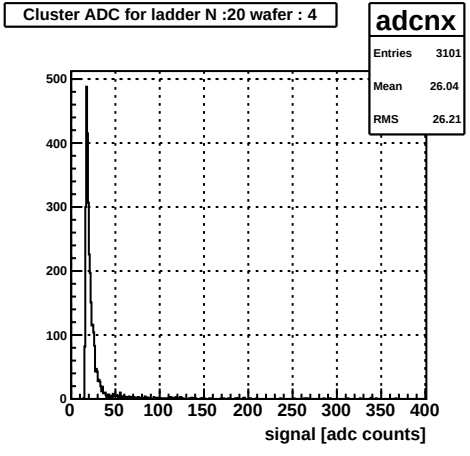

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 6072
Mean 25.21
RMS 26.09
signal [adc counts]

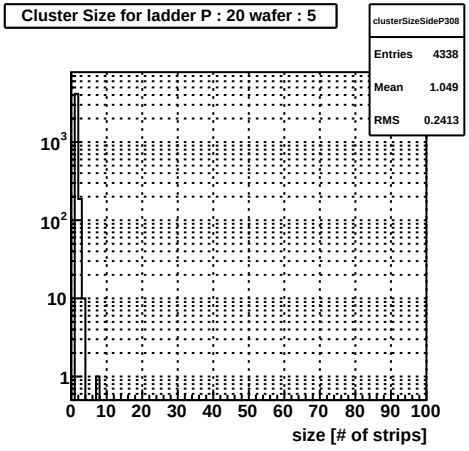

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 3558
Mean 1.066
RMS 0.2892
size [# of strips]

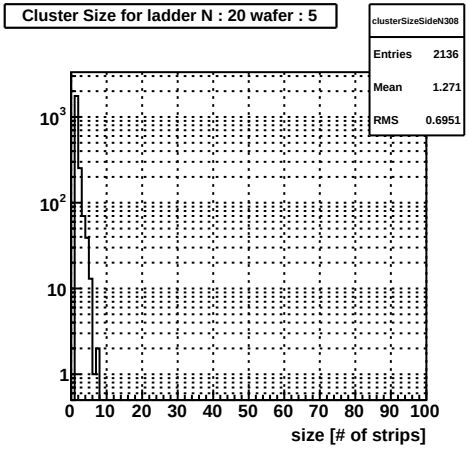

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 3101
Mean 1.069
RMS 0.3346
size [# of strips]

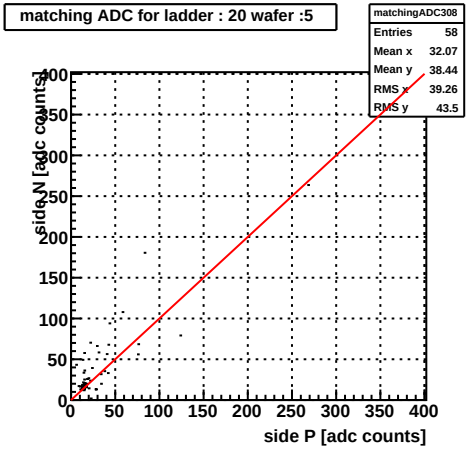

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 21
Mean x 47.1
Mean y 53.19
RMS x 36.52
RMS y 77.37
side N [adc counts]
side P [adc counts]

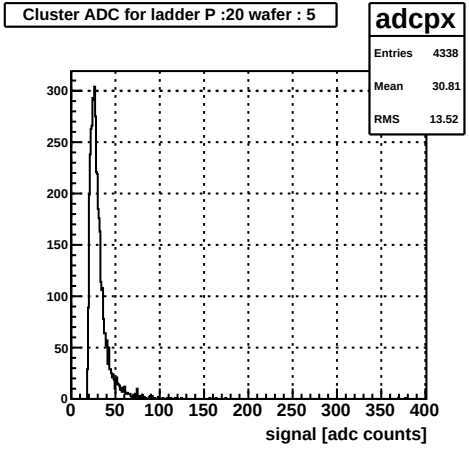

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 3558
Mean 34.23
RMS 17.24
signal [adc counts]

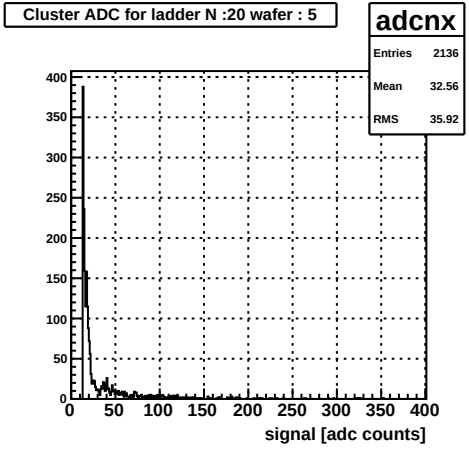

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 3101
Mean 26.04
RMS 26.21
signal [adc counts]

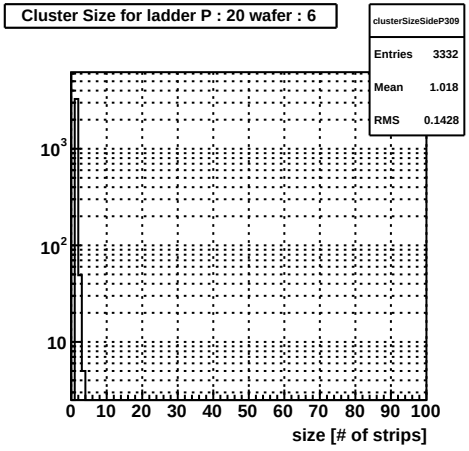

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 4338
Mean 1.049
RMS 0.2413
size [# of strips]

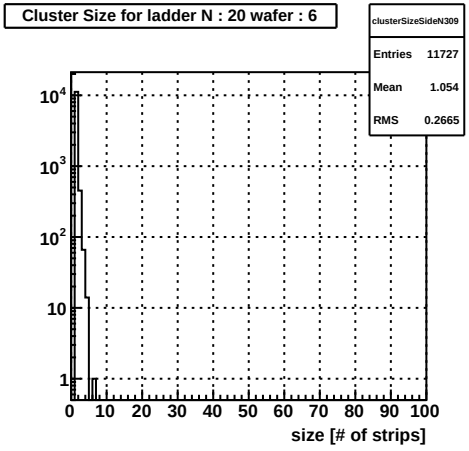

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 2136
Mean 1.271
RMS 0.6951
size [# of strips]

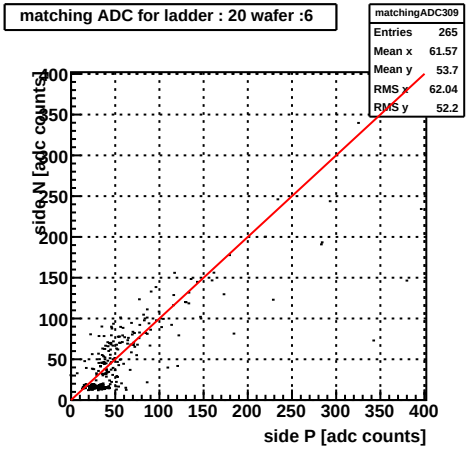

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 58
Mean x 32.07
Mean y 38.44
RMS x 39.26
RMS y 43.5
side N [adc counts]
side P [adc counts]

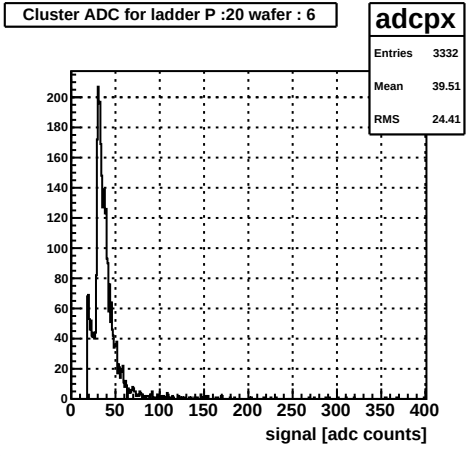

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 4338
Mean 30.81
RMS 13.52
signal [adc counts]

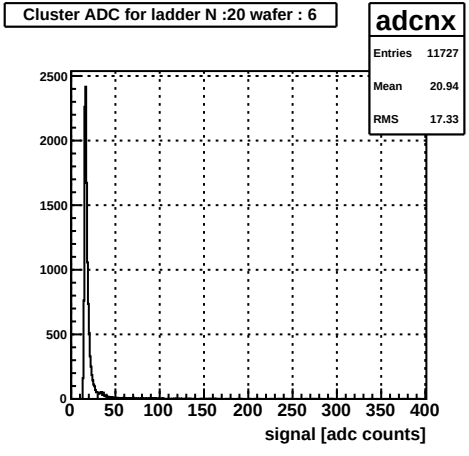

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 2136
Mean 32.56
RMS 35.92
signal [adc counts]

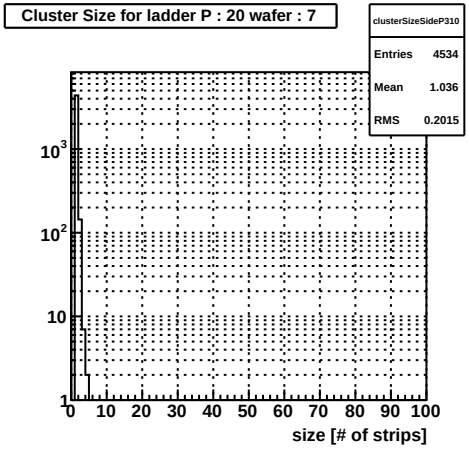

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 3332
Mean 1.018
RMS 0.1428
size [# of strips]

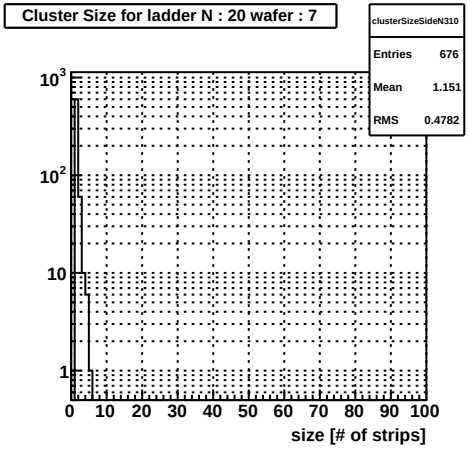

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 11727
Mean 1.054
RMS 0.2665
size [# of strips]

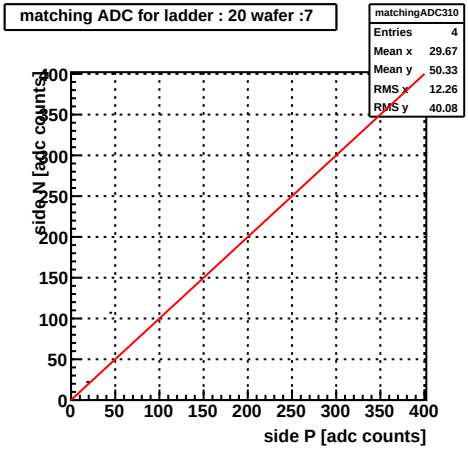

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 265
Mean x 61.57
Mean y 53.7
RMS x 62.04
RMS y 52.2
side N [adc counts]
side P [adc counts]

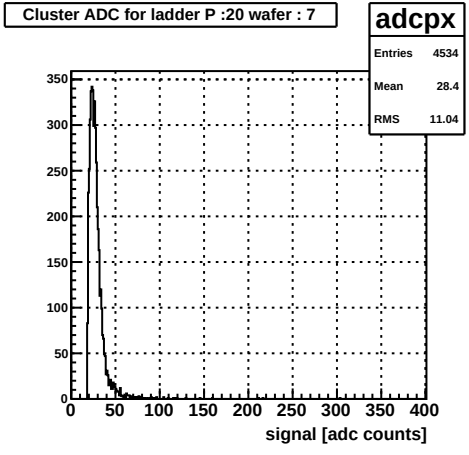

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 3332
Mean 39.51
RMS 24.41
signal [adc counts]

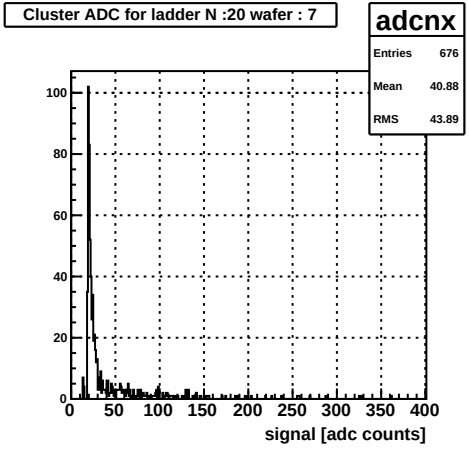

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 11727
Mean 20.94
RMS 17.33
signal [adc counts]

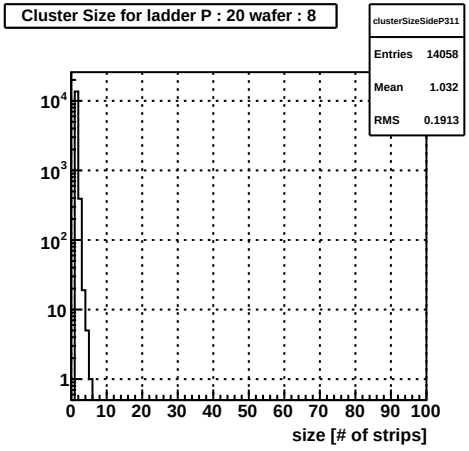

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 4534
Mean 1.036
RMS 0.2015
size [# of strips]

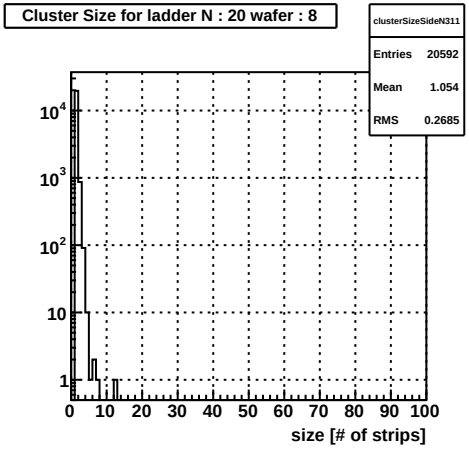

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 676
Mean 1.151
RMS 0.4782
size [# of strips]

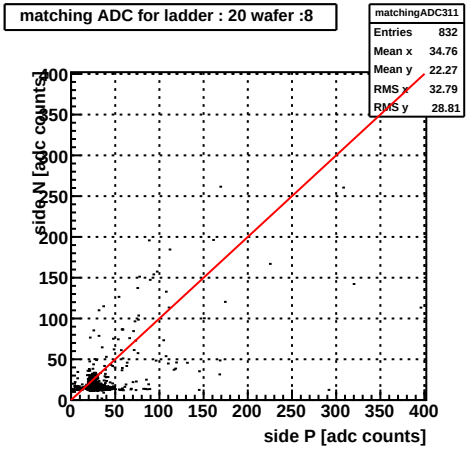

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 4
Mean x 29.67
Mean y 50.33
RMS x 12.26
RMS y 40.08
side N [adc counts]
side P [adc counts]

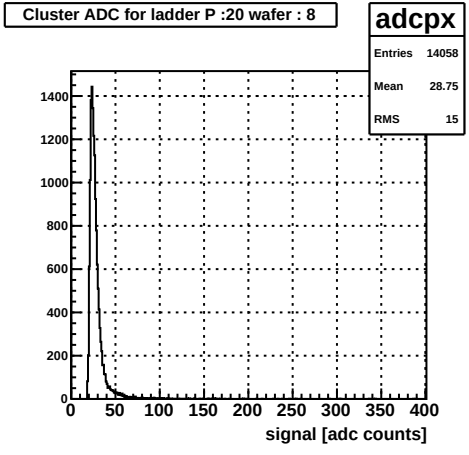

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 4534
Mean 28.4
RMS 11.04
signal [adc counts]

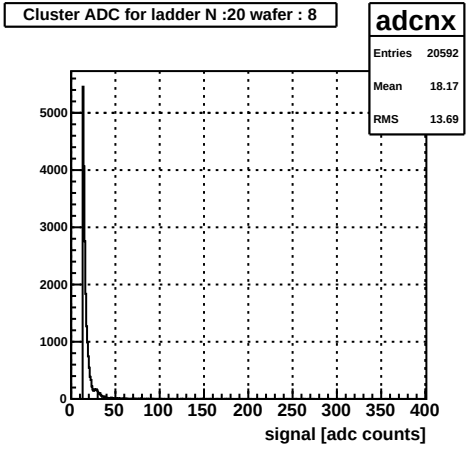

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 676
Mean 40.88
RMS 43.89
signal [adc counts]

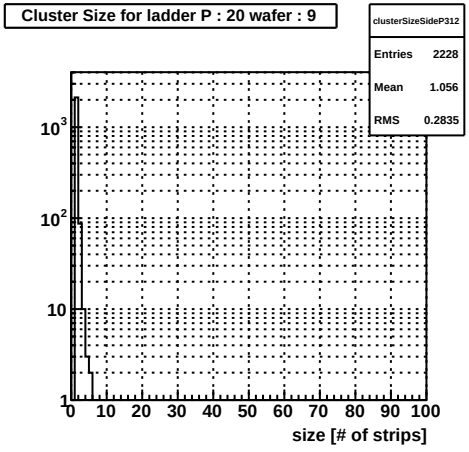

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 14058
Mean 1.032
RMS 0.1913
size [# of strips]

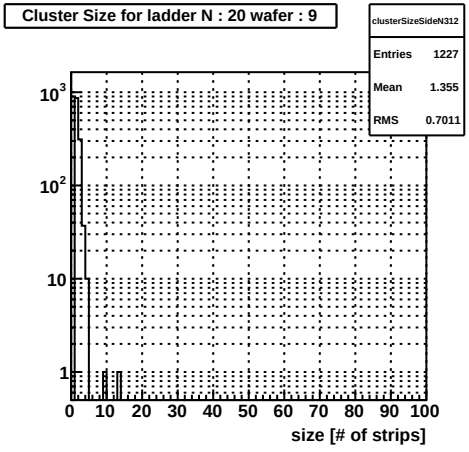

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 20592
Mean 1.054
RMS 0.2685
size [# of strips]

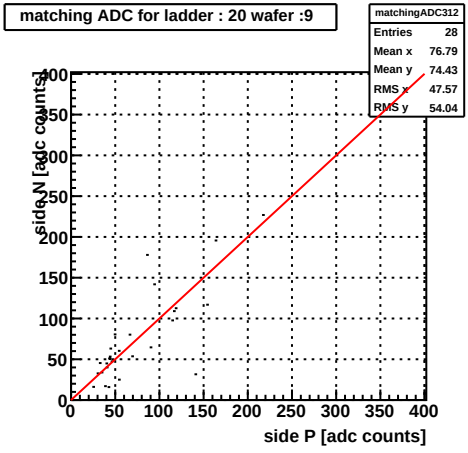

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 832
Mean x 34.76
Mean y 22.27
RMS x 32.79
RMS y 28.81
side N [adc counts]
side P [adc counts]

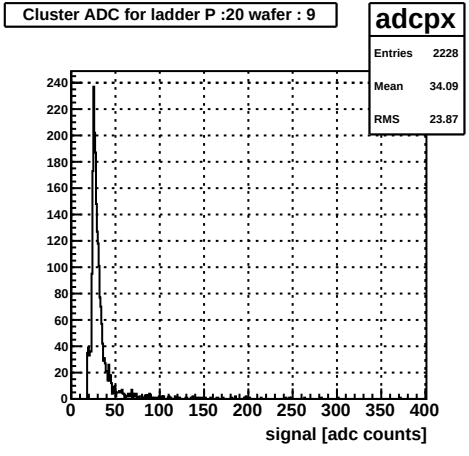

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 14058
Mean 28.75
RMS 15
signal [adc counts]

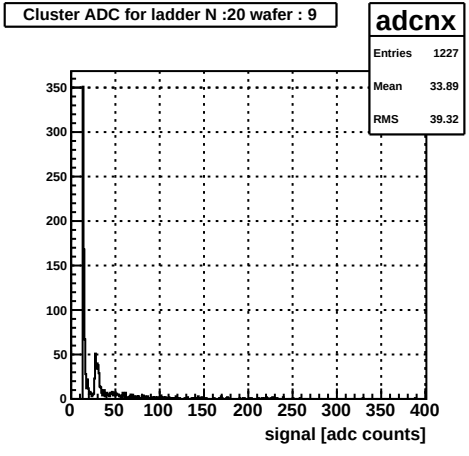

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 20592
Mean 18.17
RMS 13.69
signal [adc counts]

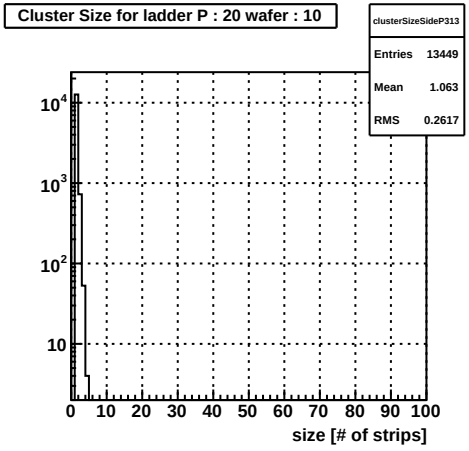

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 2228
Mean 1.056
RMS 0.2835
size [# of strips]

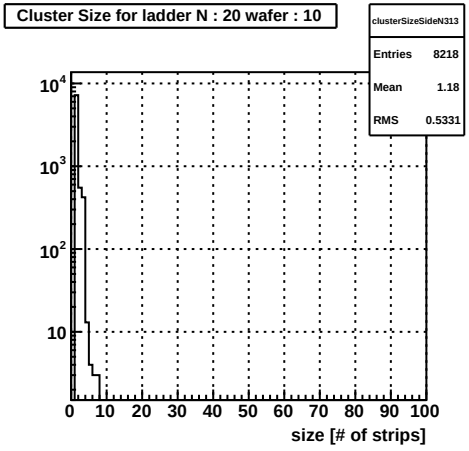

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 1227
Mean 1.355
RMS 0.7011
size [# of strips]

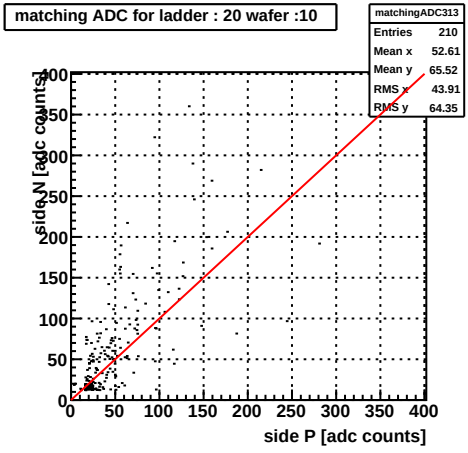

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 28
Mean x 76.79
Mean y 74.43
RMS x 47.57
RMS y 54.04
side N [adc counts]
side P [adc counts]

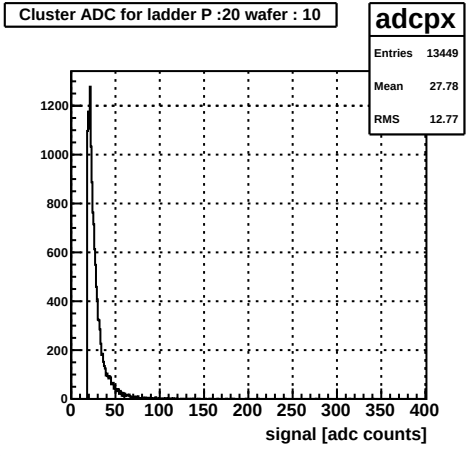

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 2228
Mean 34.09
RMS 23.87
signal [adc counts]

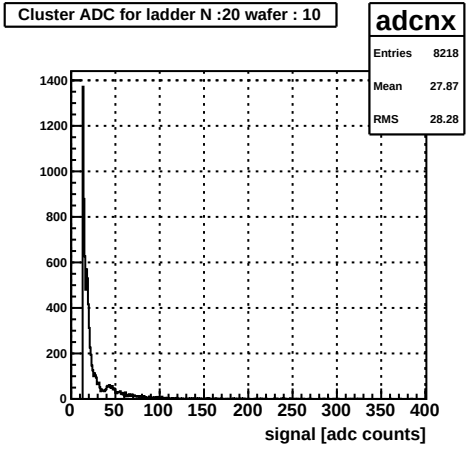

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 1227
Mean 33.89
RMS 39.32
signal [adc counts]

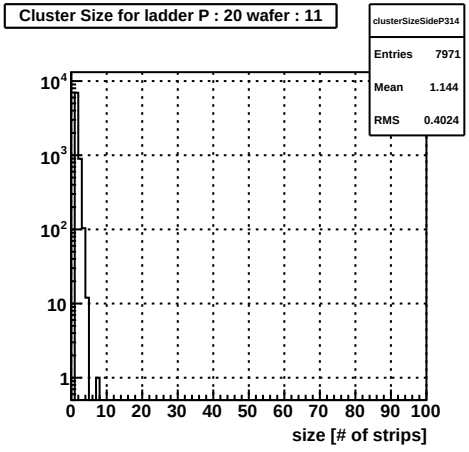

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 13449
Mean 1.063
RMS 0.2617
size [# of strips]

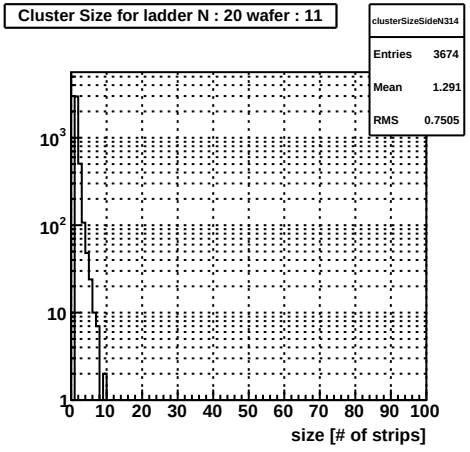

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 8218
Mean 1.18
RMS 0.5331
size [# of strips]

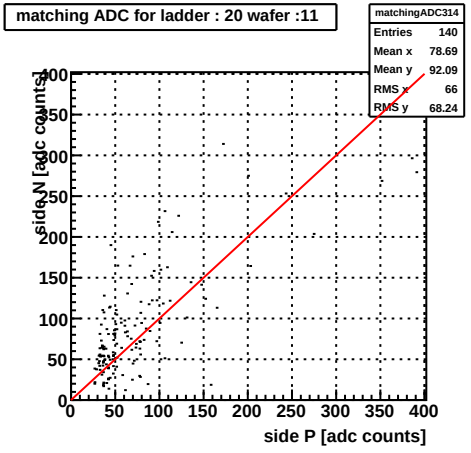

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 210
Mean x 52.61
Mean y 65.52
RMS x 43.91
RMS y 64.35
side N [adc counts]
side P [adc counts]

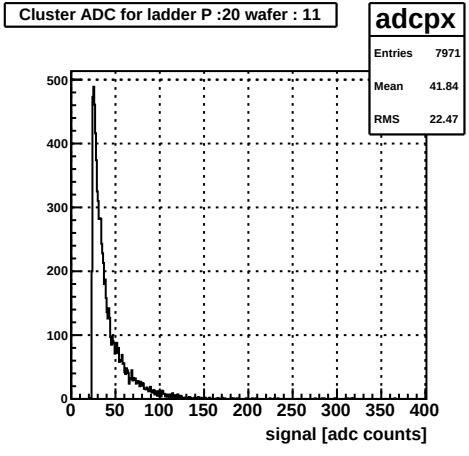

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 13449
Mean 27.78
RMS 12.77
signal [adc counts]

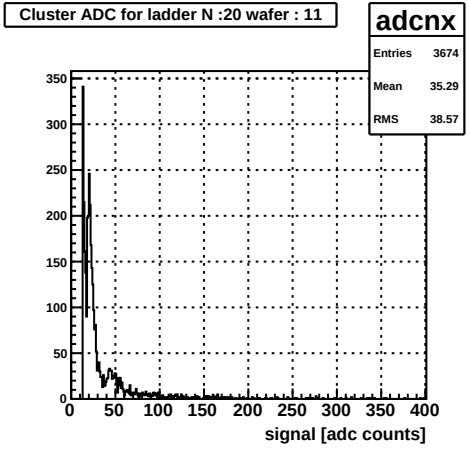

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 8218
Mean 27.87
RMS 28.28
signal [adc counts]

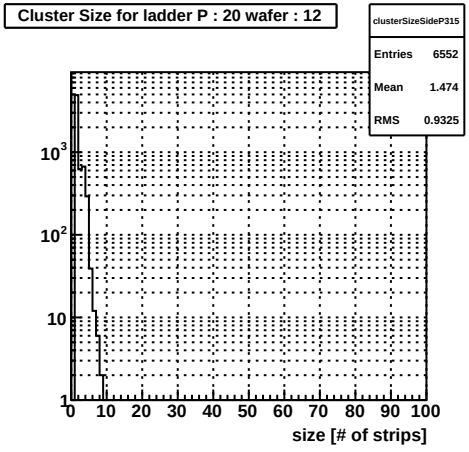

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 7971
Mean 1.144
RMS 0.4024
size [# of strips]

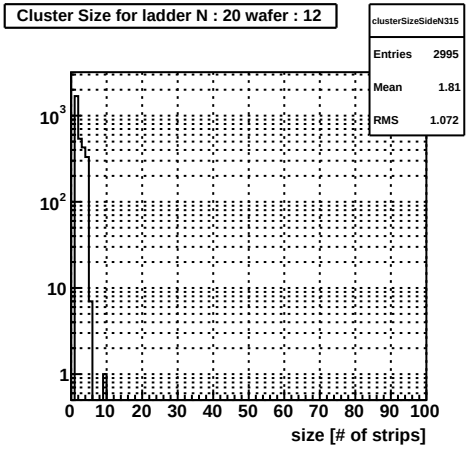

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3674
Mean 1.291
RMS 0.7505
size [# of strips]

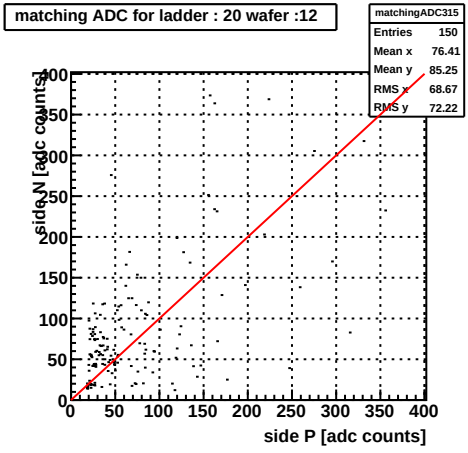

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 140
Mean x 78.69
Mean y 92.09
RMS x 66
RMS y 68.24
side N [adc counts]
side P [adc counts]

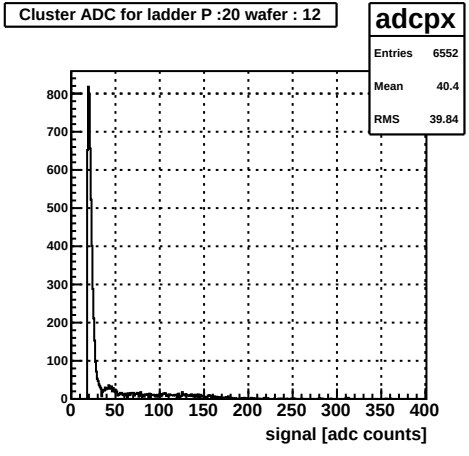

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 7971
Mean 41.84
RMS 22.47
signal [adc counts]

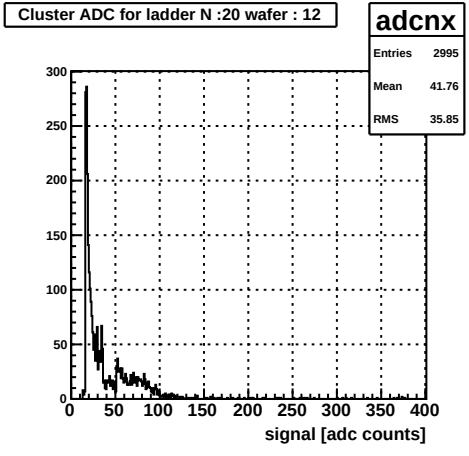

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3674
Mean 35.29
RMS 38.57
signal [adc counts]

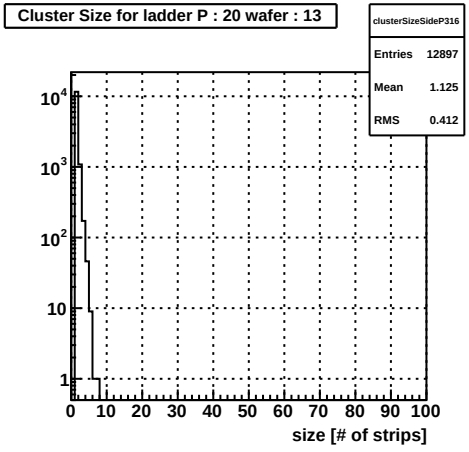

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 6552
Mean 1.474
RMS 0.9325
size [# of strips]

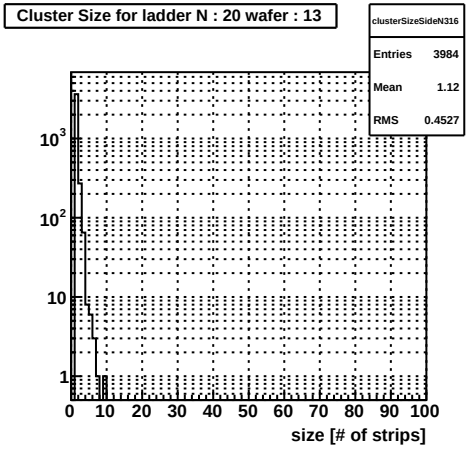

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2995
Mean 1.81
RMS 1.072
size [# of strips]

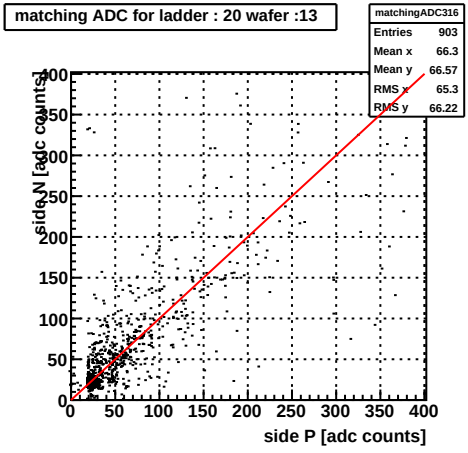

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 150
Mean x 76.41
Mean y 85.25
RMS x 68.67
RMS y 72.22
side N [adc counts]
side P [adc counts]

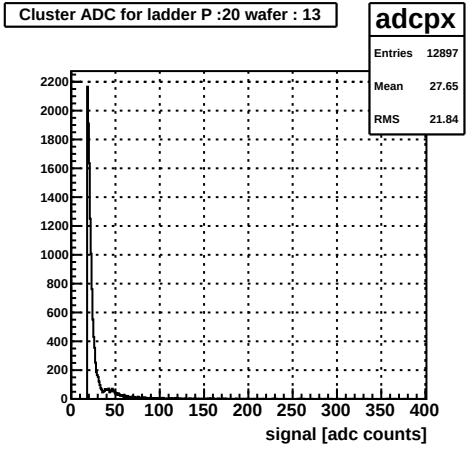

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 6552
Mean 40.4
RMS 39.84
signal [adc counts]

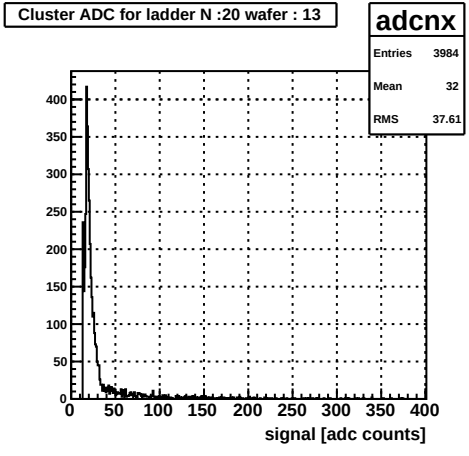

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2995
Mean 41.76
RMS 35.85
signal [adc counts]

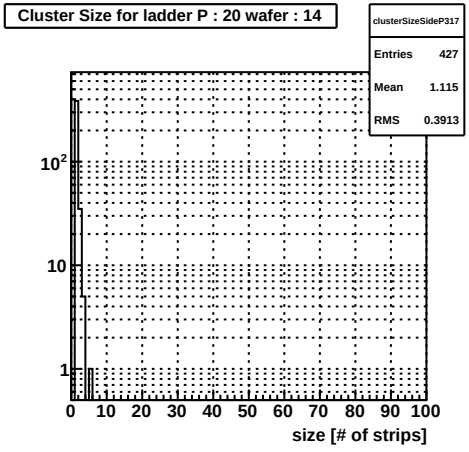

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 12897
Mean 1.125
RMS 0.412
size [# of strips]

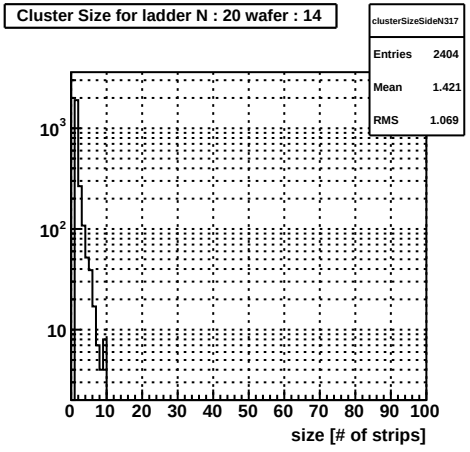

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3984
Mean 1.12
RMS 0.4527
size [# of strips]

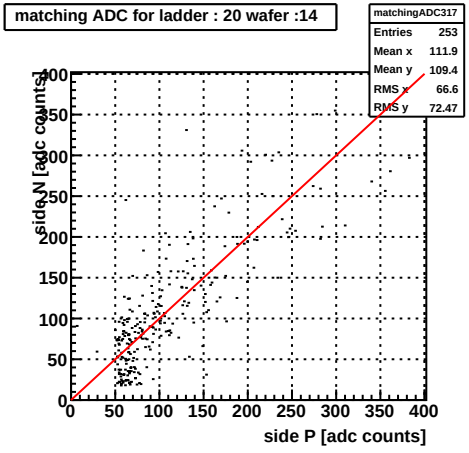

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 903
Mean x 66.3
Mean y 66.57
RMS x 65.3
RMS y 66.22
side N [adc counts]
side P [adc counts]

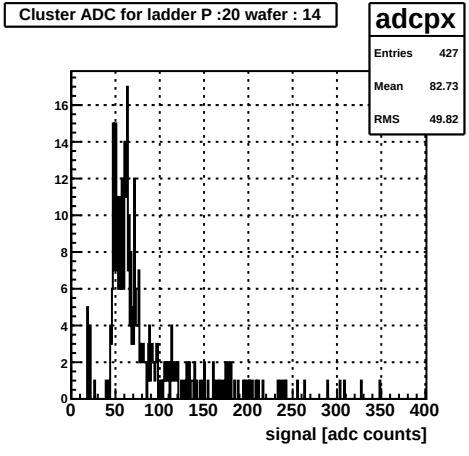

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 12897
Mean 27.65
RMS 21.84
signal [adc counts]

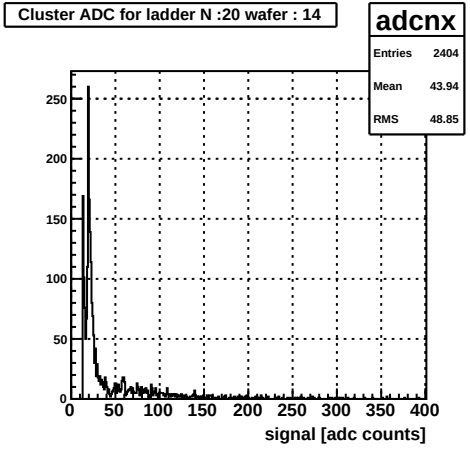

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3984
Mean 32
RMS 37.61
signal [adc counts]

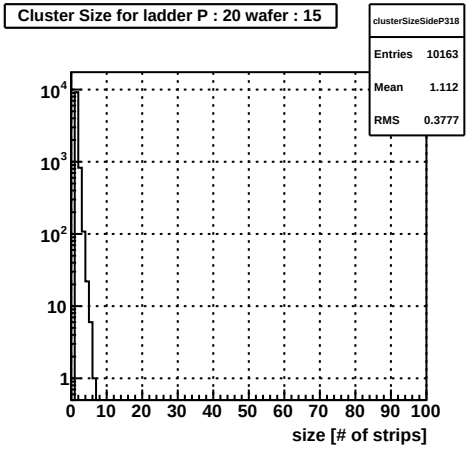

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 427
Mean 1.115
RMS 0.3913
size [# of strips]

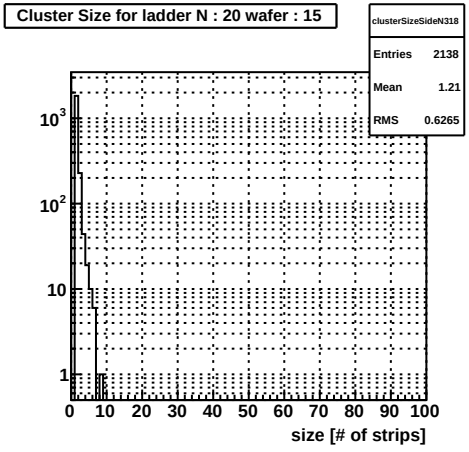

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2404
Mean 1.421
RMS 1.069
size [# of strips]

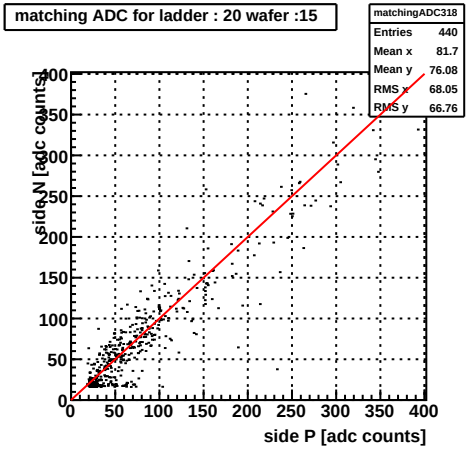

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 253
Mean x 111.9
Mean y 109.4
RMS x 66.6
RMS y 72.47
side N [adc counts]
side P [adc counts]

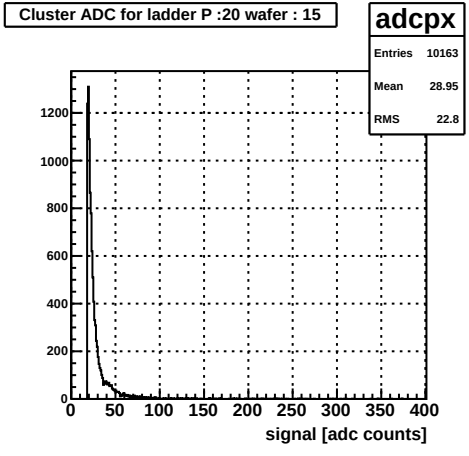

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 427
Mean 82.73
RMS 49.82
signal [adc counts]

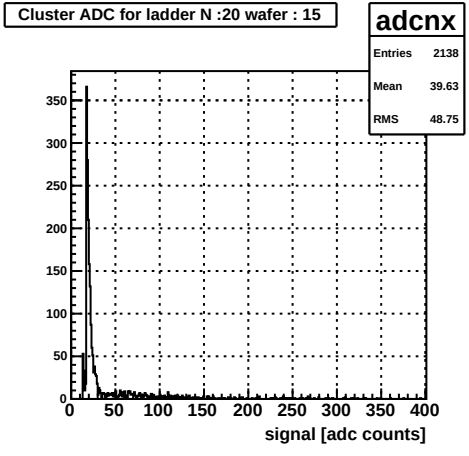

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2404
Mean 43.94
RMS 48.85
signal [adc counts]

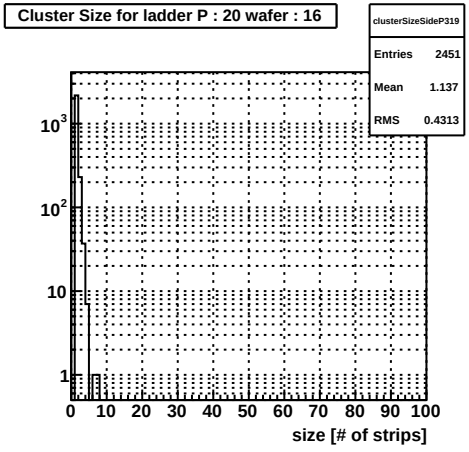

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 10163
Mean 1.112
RMS 0.3777
size [# of strips]

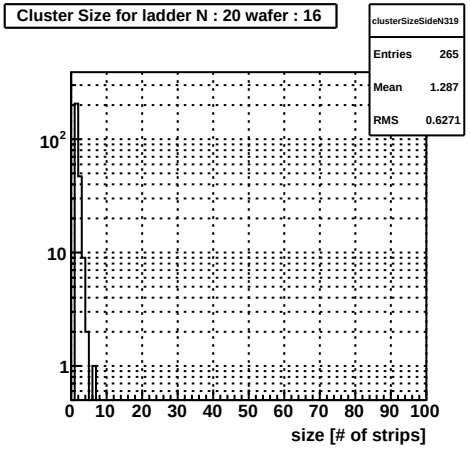

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2138
Mean 1.21
RMS 0.6265
size [# of strips]

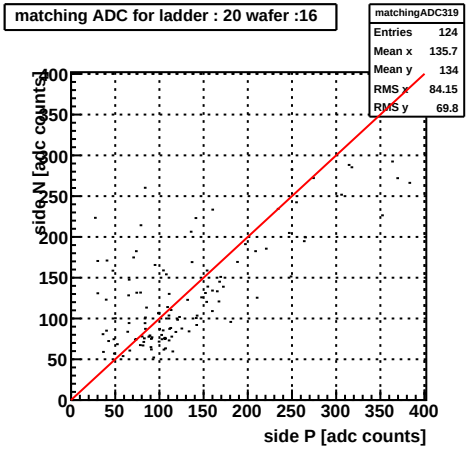

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 440
Mean x 81.7
Mean y 76.08
RMS x 68.05
RMS y 66.76
side N [adc counts]
side P [adc counts]

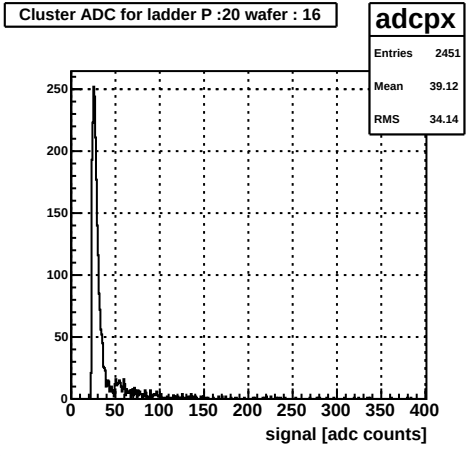

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 10163
Mean 28.95
RMS 22.8
signal [adc counts]

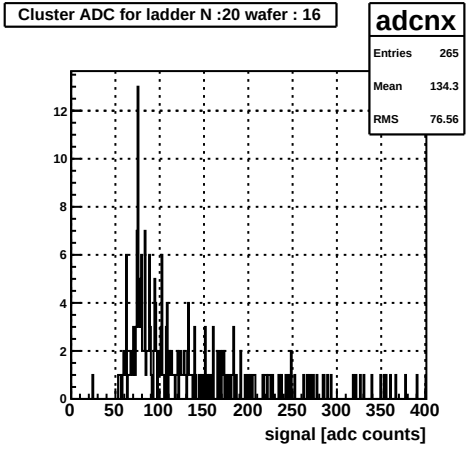

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2138
Mean 39.63
RMS 48.75
signal [adc counts]

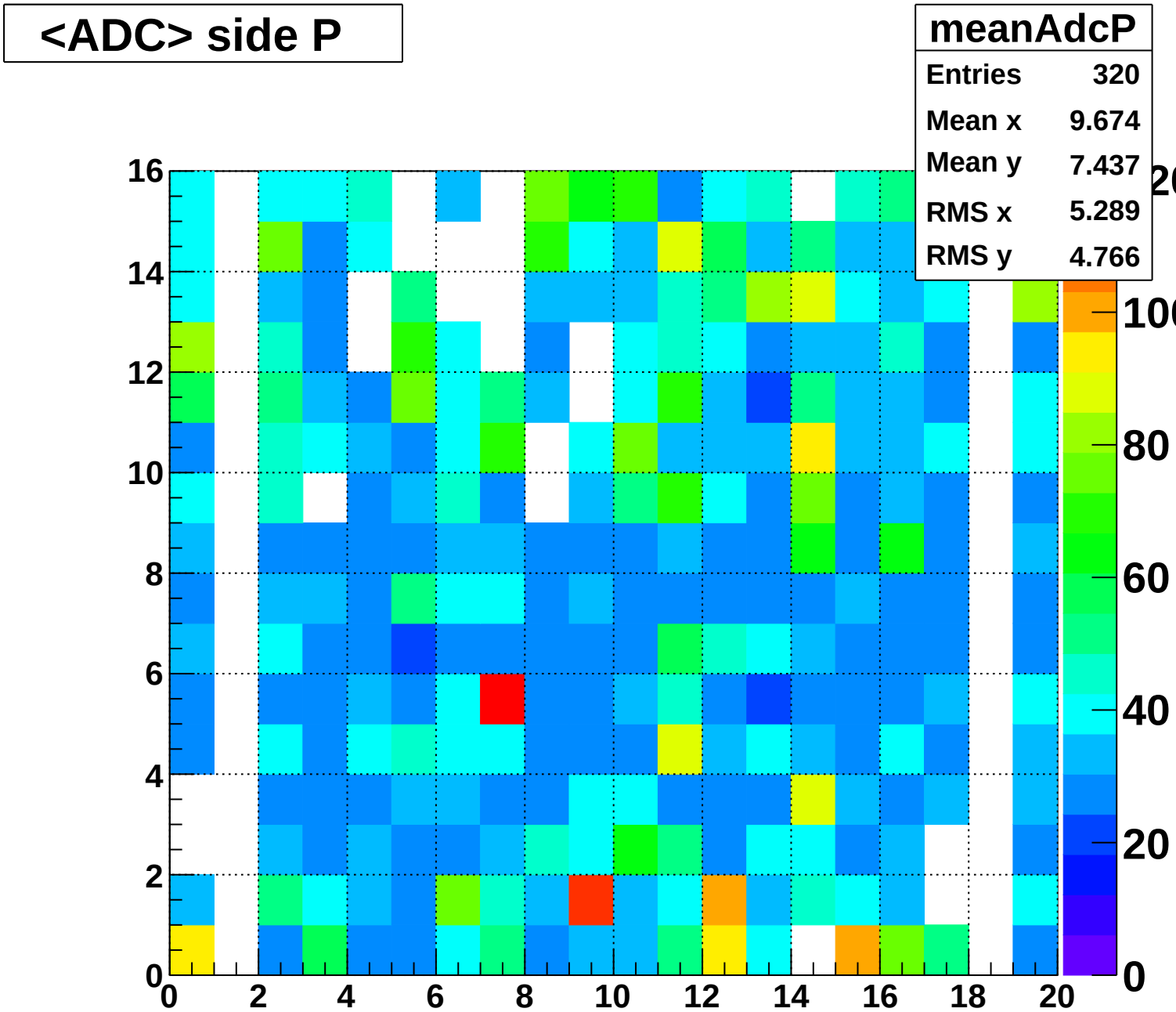

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 2451
Mean 1.137
RMS 0.4313
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 265
Mean 1.287
RMS 0.6271
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 124
Mean x 135.7
Mean y 134
RMS x 84.15
RMS y 69.8
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 2451
Mean 39.12
RMS 34.14
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 265
Mean 134.3
RMS 76.56
signal [adc counts]



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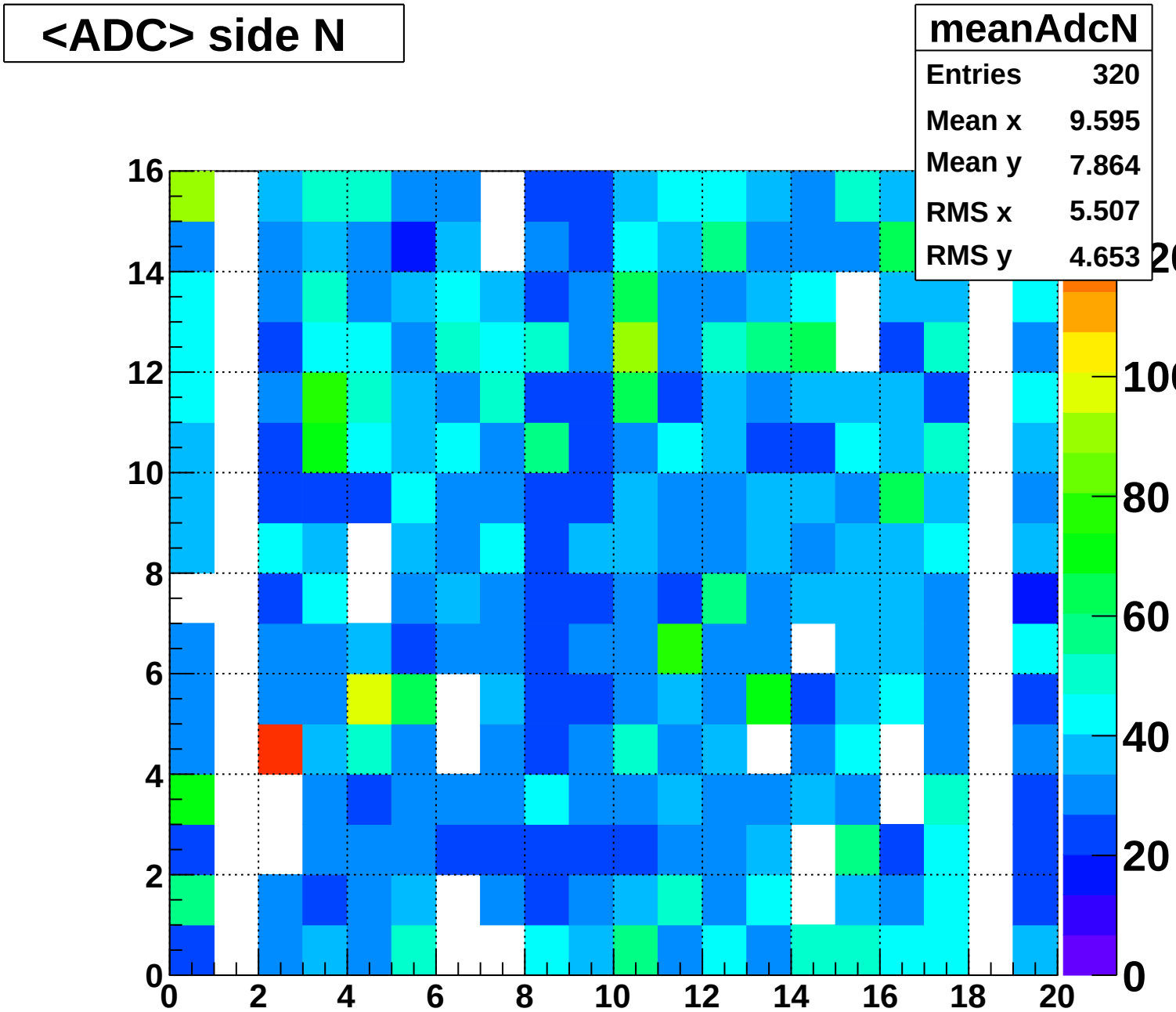

2016-05-27 01:11:40