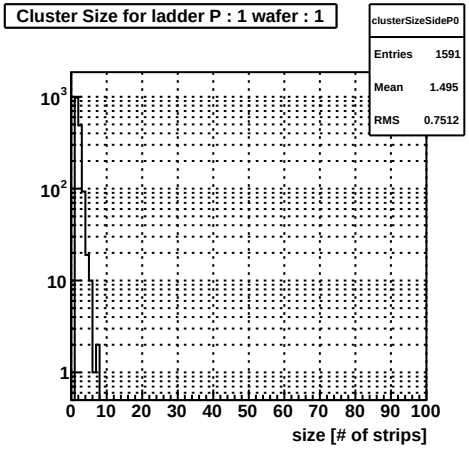
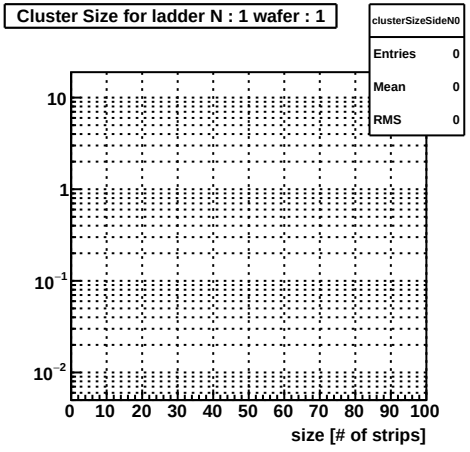
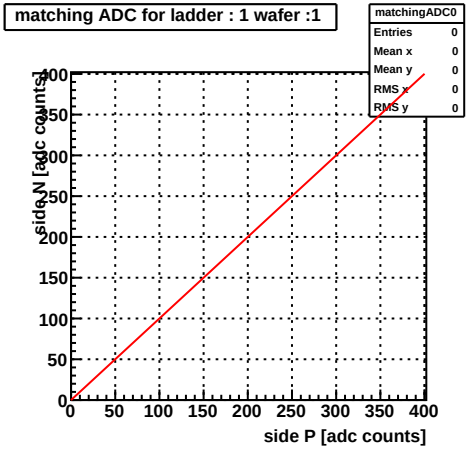
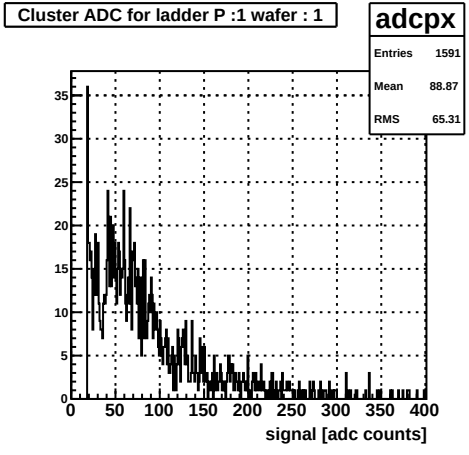
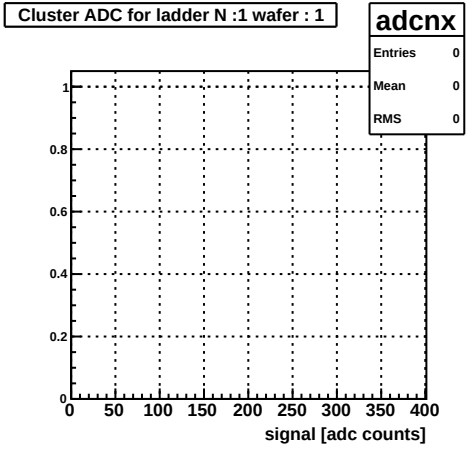
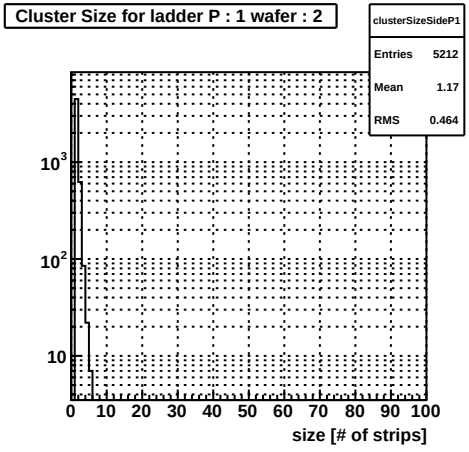

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 1591
Mean 1.495
RMS 0.7512
size [# of strips]

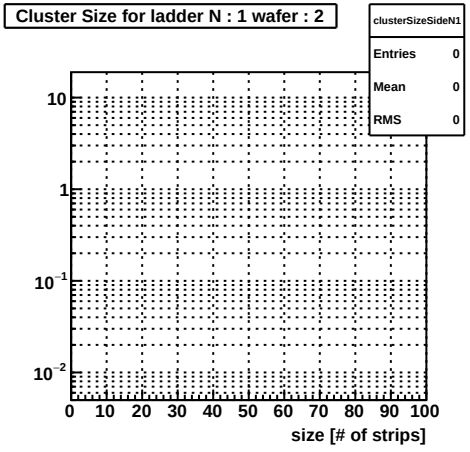

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 0
Mean 0
RMS 0
size [# of strips]

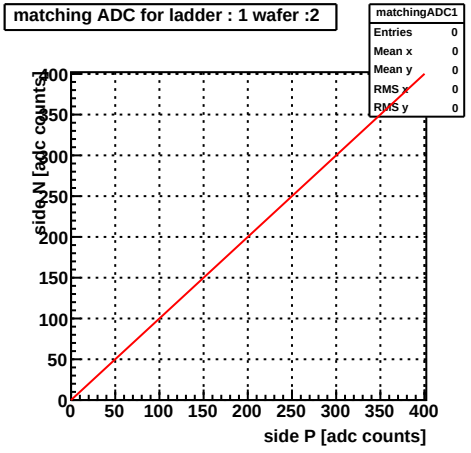

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

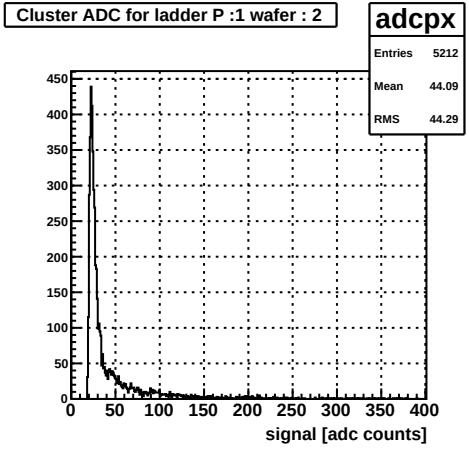

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 1591
Mean 88.87
RMS 65.31
signal [adc counts]

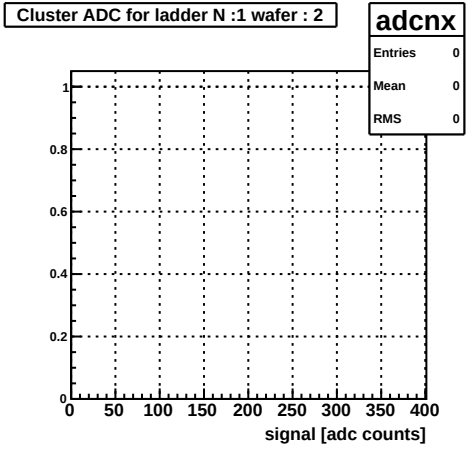

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

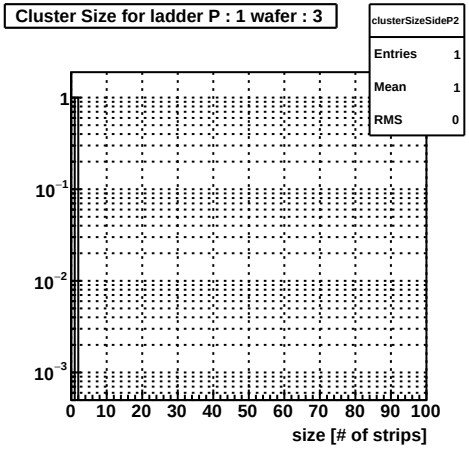

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 5212
Mean 1.17
RMS 0.464
size [# of strips]

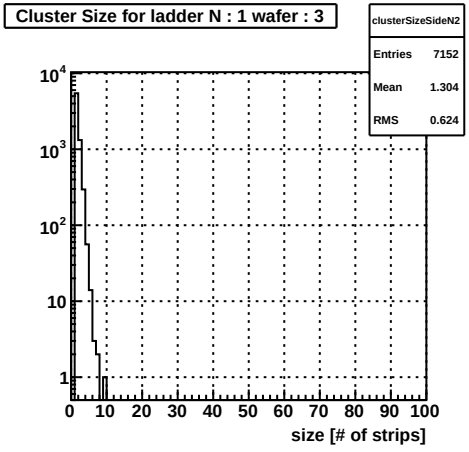

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 0
Mean 0
RMS 0
size [# of strips]

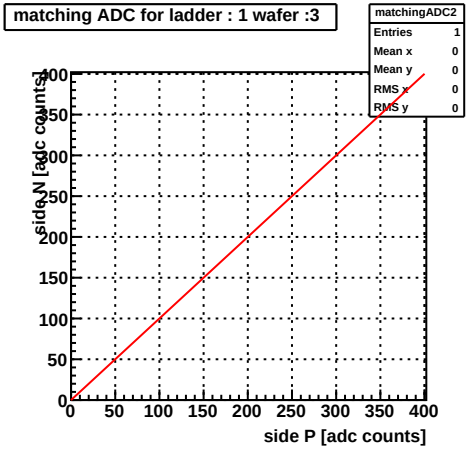

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

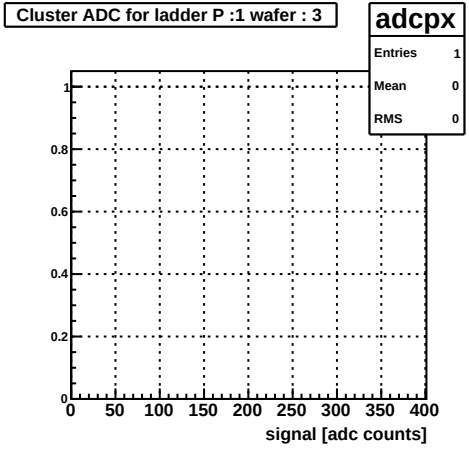

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 5212
Mean 44.09
RMS 44.29
signal [adc counts]

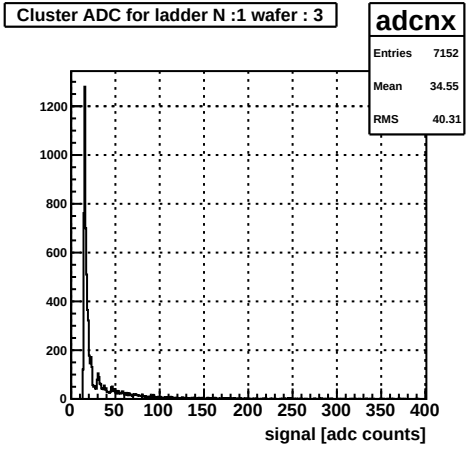

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

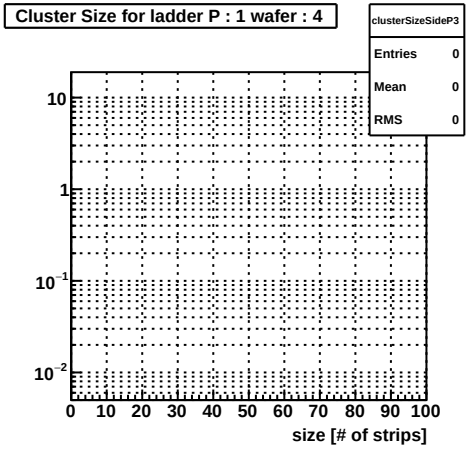

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 1
Mean 1
RMS 0
size [# of strips]

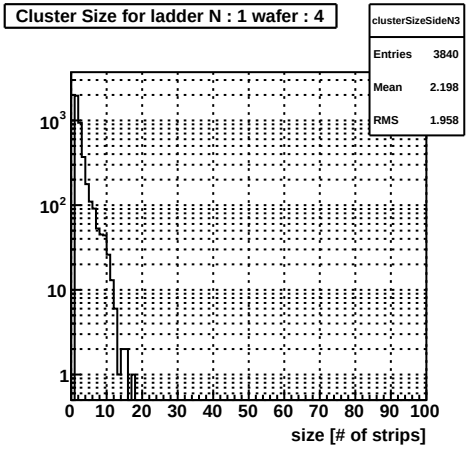

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 7152
Mean 1.304
RMS 0.624
size [# of strips]

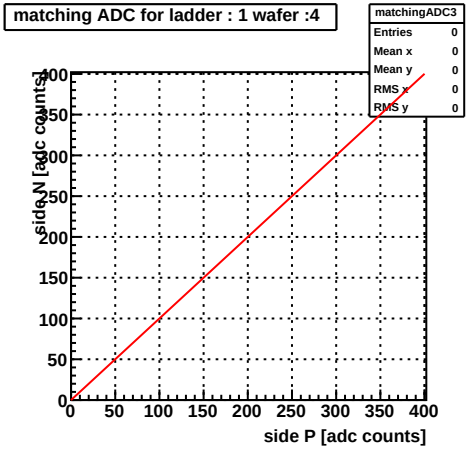

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

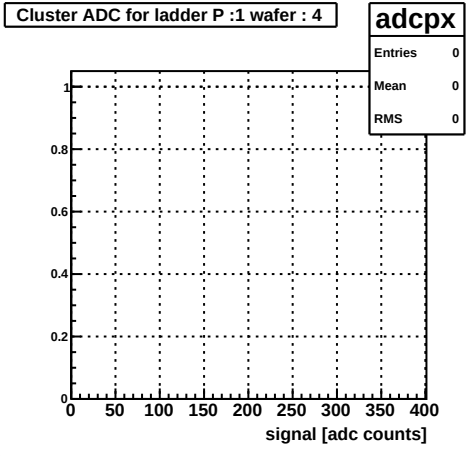

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

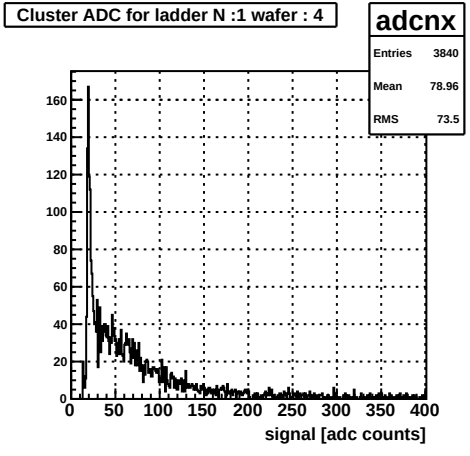

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 7152
Mean 34.55
RMS 40.31
signal [adc counts]

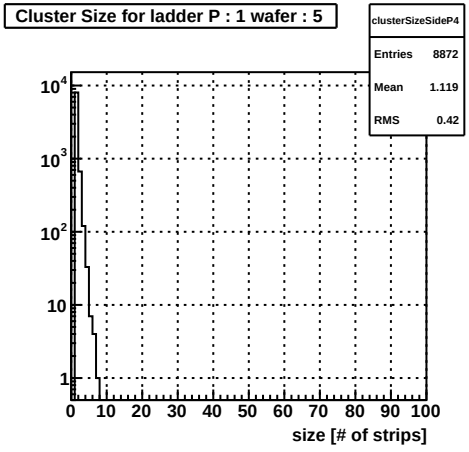

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

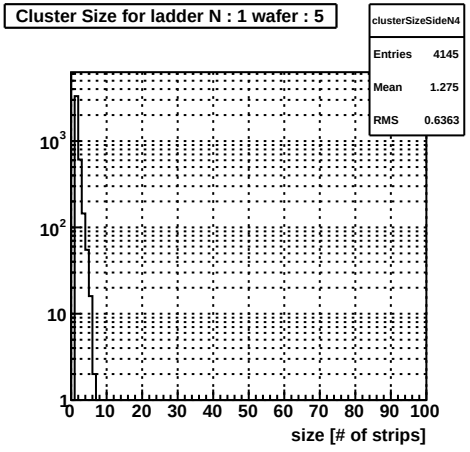

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 3840
Mean 2.198
RMS 1.958
size [# of strips]

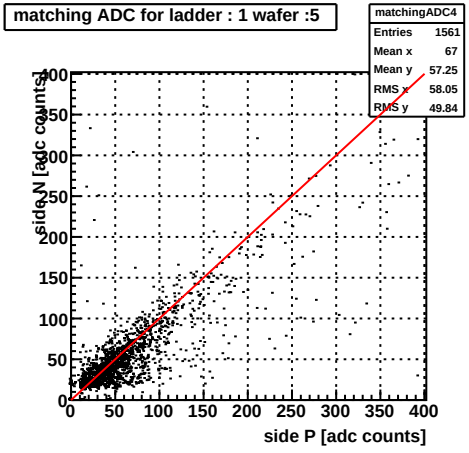

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

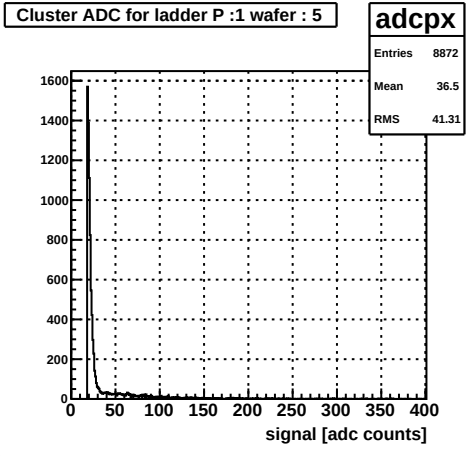

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

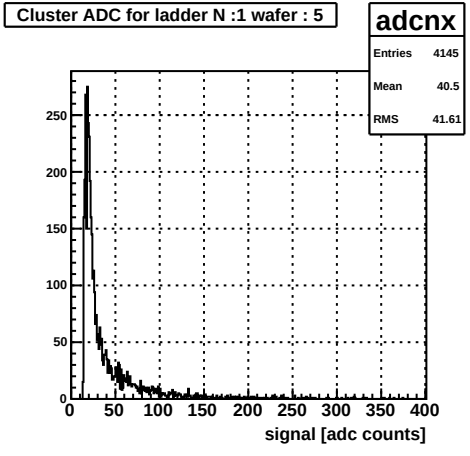

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 3840
Mean 78.96
RMS 73.5
signal [adc counts]

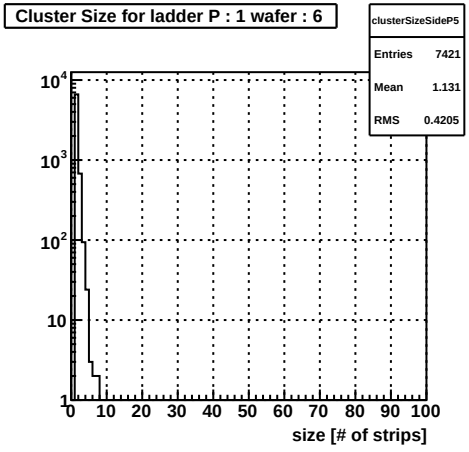

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 8872
Mean 1.119
RMS 0.42
size [# of strips]

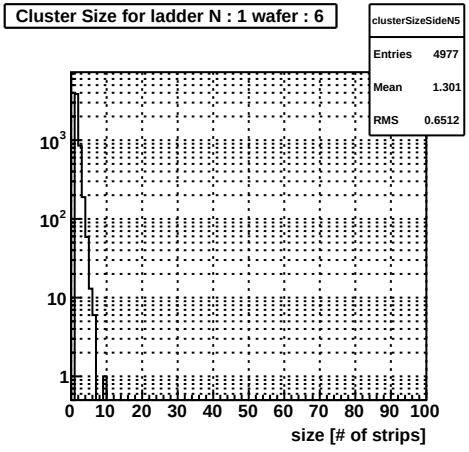

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 4145
Mean 1.275
RMS 0.6363
size [# of strips]

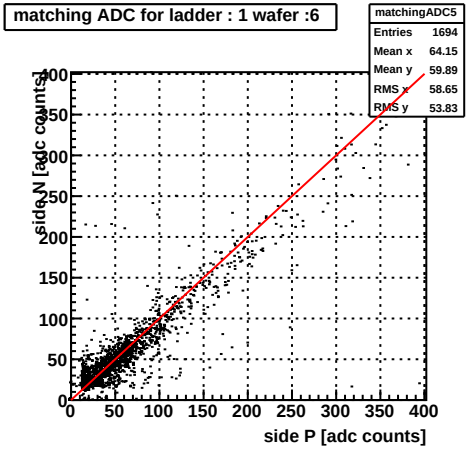

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 1561
Mean x 67
Mean y 57.25
RMS x 58.05
RMS y 49.84
side N [adc counts]
side P [adc counts]

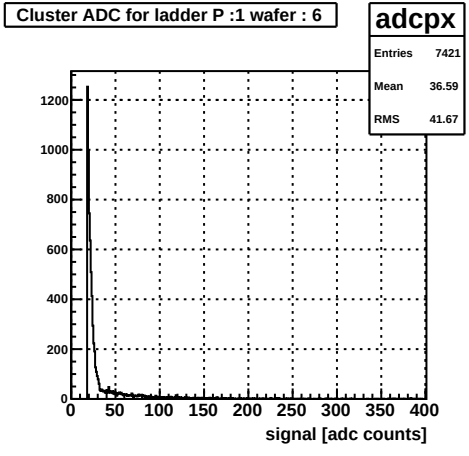

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 8872
Mean 36.5
RMS 41.31
signal [adc counts]

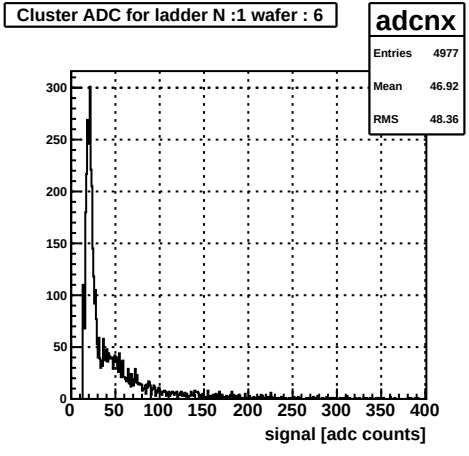

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 4145
Mean 40.5
RMS 41.61
signal [adc counts]

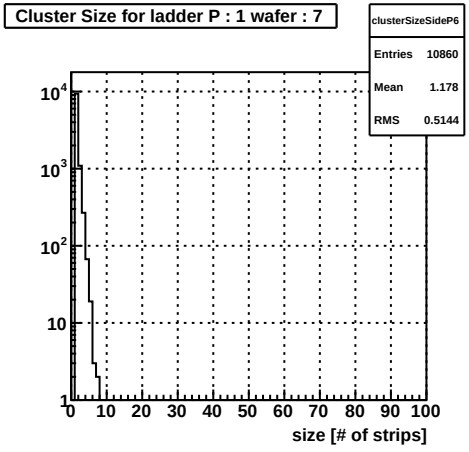

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 7421
Mean 1.131
RMS 0.4205
size [# of strips]

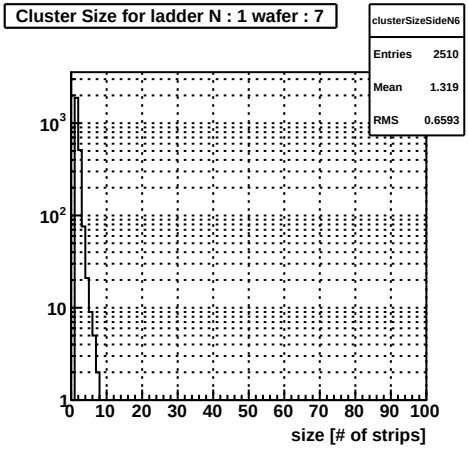

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4977
Mean 1.301
RMS 0.6512
size [# of strips]

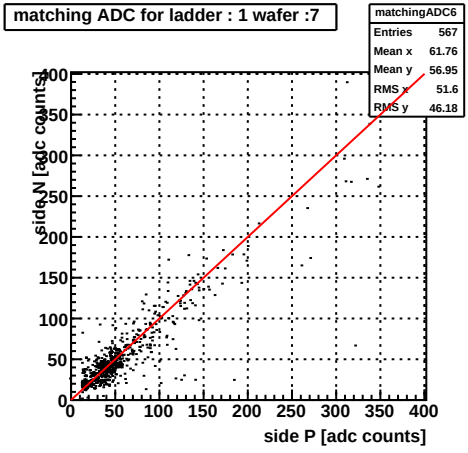

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 1694
Mean x 64.15
Mean y 59.89
RMS x 58.65
RMS y 53.83
side N [adc counts]
side P [adc counts]

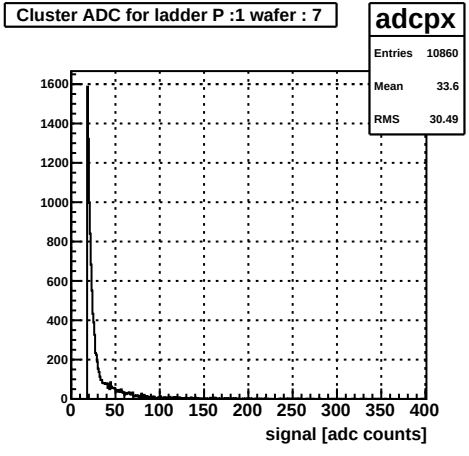

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 7421
Mean 36.59
RMS 41.67
signal [adc counts]

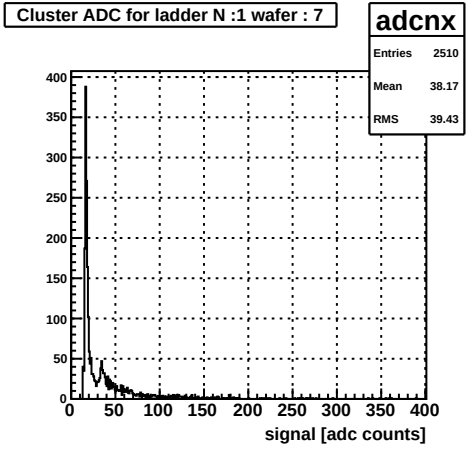

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4977
Mean 46.92
RMS 48.36
signal [adc counts]

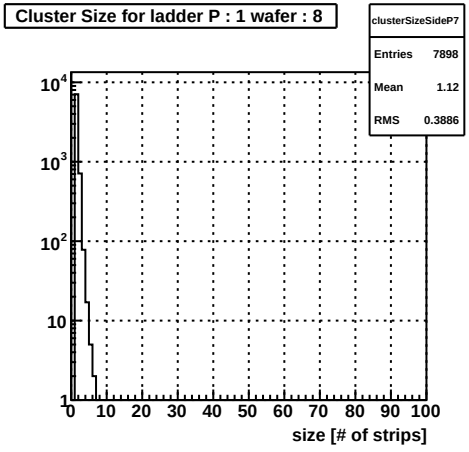

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 10860
Mean 1.178
RMS 0.5144
size [# of strips]

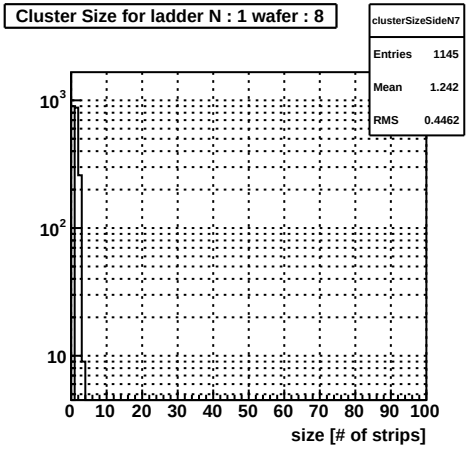

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 2510
Mean 1.319
RMS 0.6593
size [# of strips]

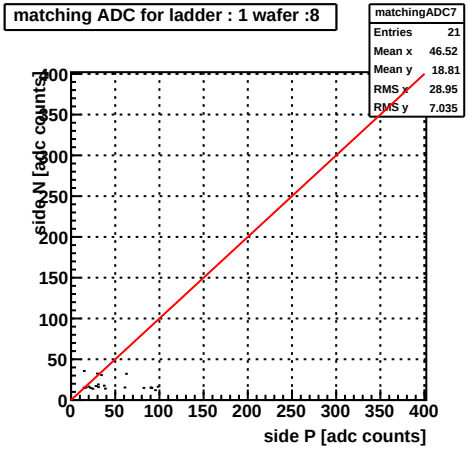

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 567
Mean x 61.76
Mean y 56.95
RMS x 51.6
RMS y 46.18
side N [adc counts]
side P [adc counts]

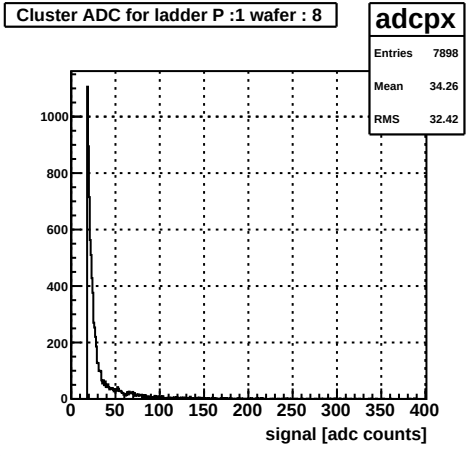

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 10860
Mean 33.6
RMS 30.49
signal [adc counts]

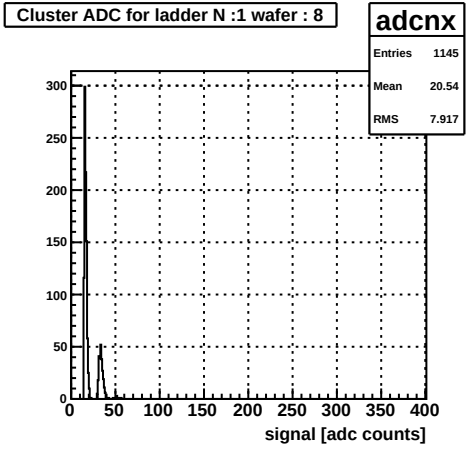

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 2510
Mean 38.17
RMS 39.43
signal [adc counts]

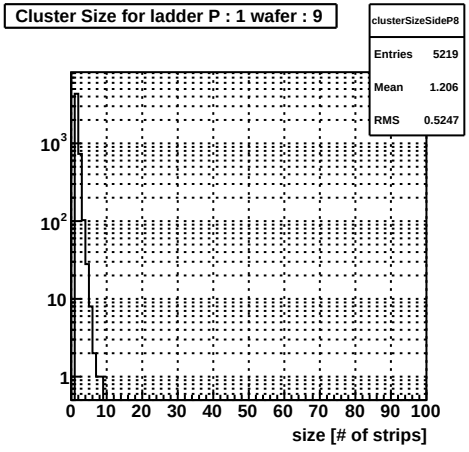

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 7898
Mean 1.12
RMS 0.3886
size [# of strips]

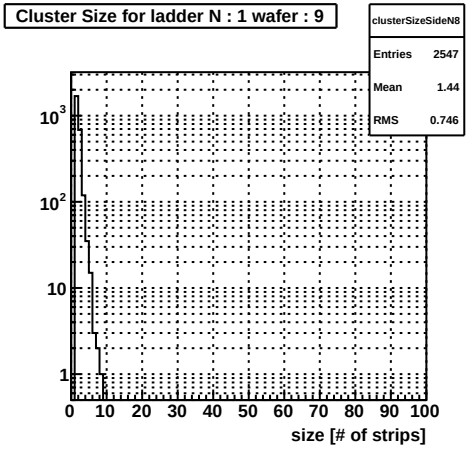

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 1145
Mean 1.242
RMS 0.4462
size [# of strips]

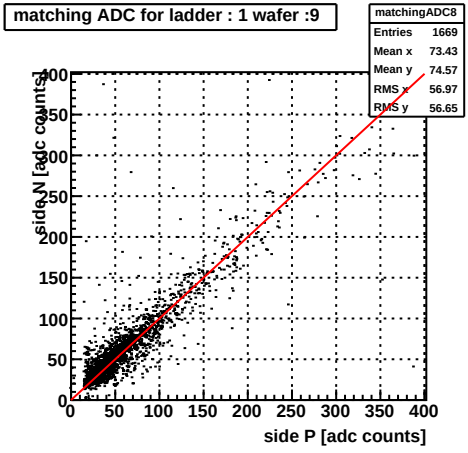

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 21
Mean x 46.52
Mean y 18.81
RMS x 28.95
RMS y 7.035
side N [adc counts]
side P [adc counts]

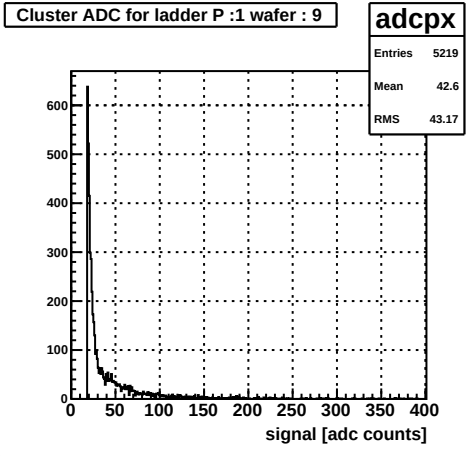

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 7898
Mean 34.26
RMS 32.42
signal [adc counts]

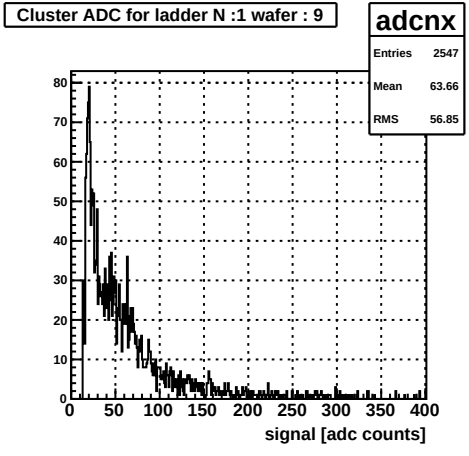

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 1145
Mean 20.54
RMS 7.917
signal [adc counts]

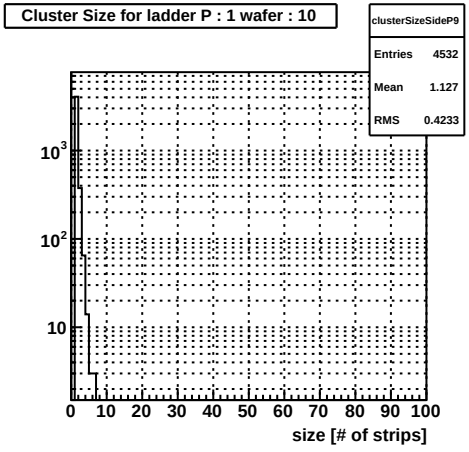

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 5219
Mean 1.206
RMS 0.5247
size [# of strips]

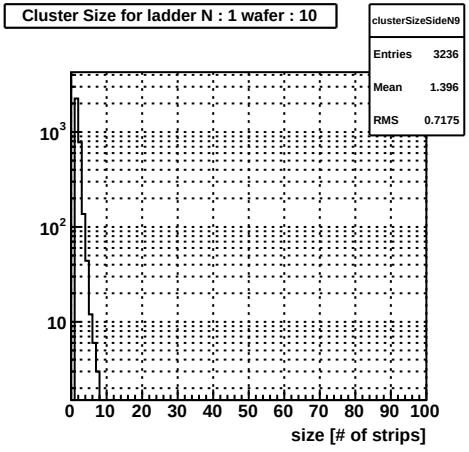

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2547
Mean 1.44
RMS 0.746
size [# of strips]

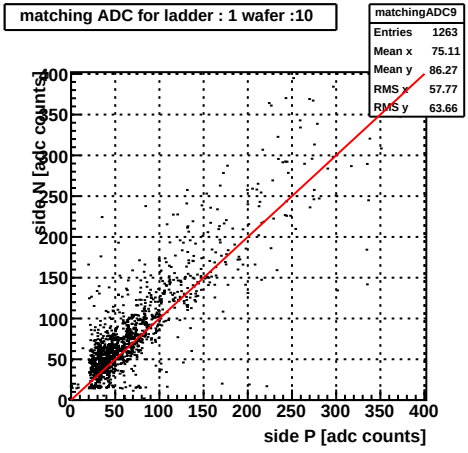

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 1669
Mean x 73.43
Mean y 74.57
RMS x 56.97
RMS y 56.65
side N [adc counts]
side P [adc counts]

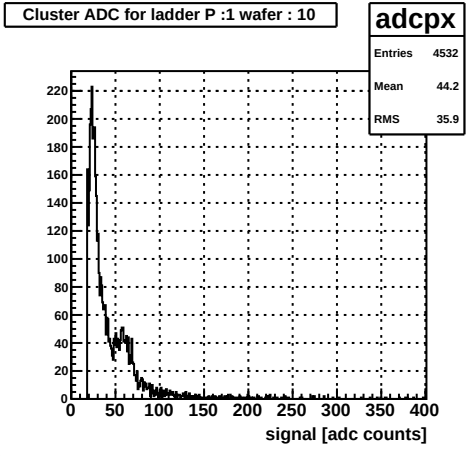

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 5219
Mean 42.6
RMS 43.17
signal [adc counts]

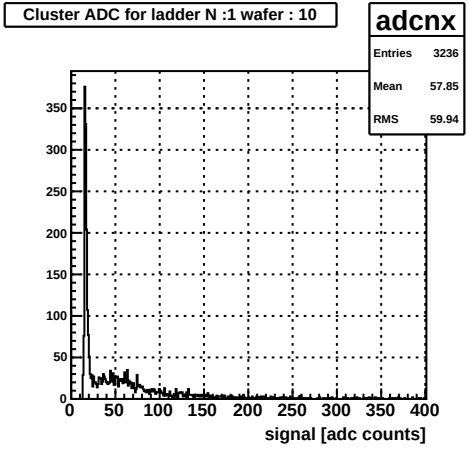

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2547
Mean 63.66
RMS 56.85
signal [adc counts]

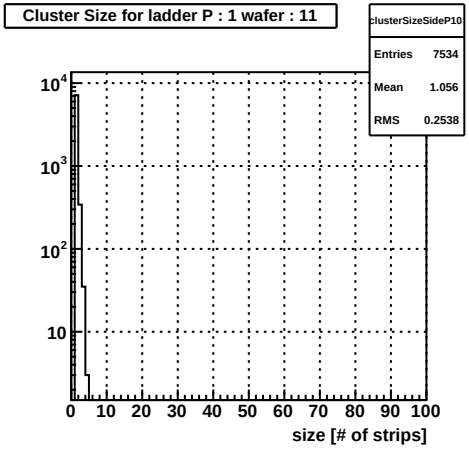

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 4532
Mean 1.127
RMS 0.4233
size [# of strips]

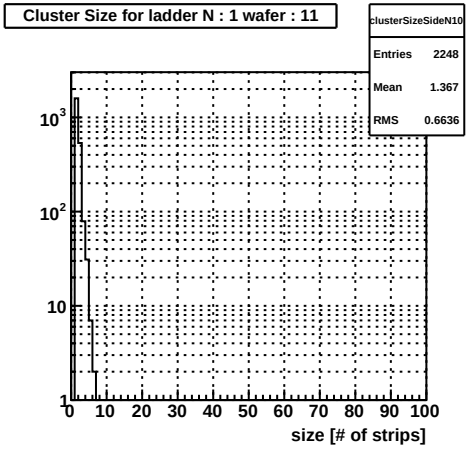

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 3236
Mean 1.396
RMS 0.7175
size [# of strips]

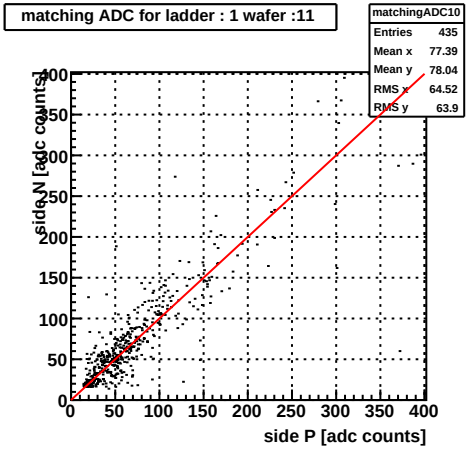

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 1263
Mean x 75.11
Mean y 86.27
RMS x 57.77
RMS y 63.66
side N [adc counts]
side P [adc counts]

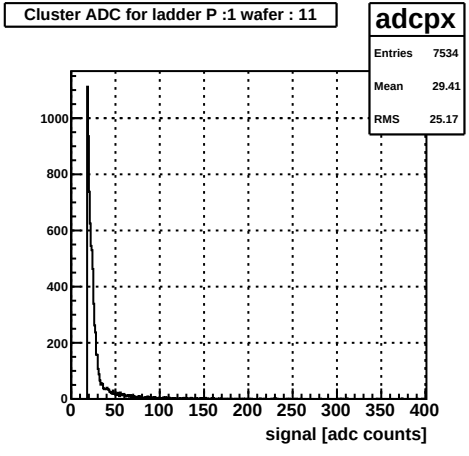

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 4532
Mean 44.2
RMS 35.9
signal [adc counts]

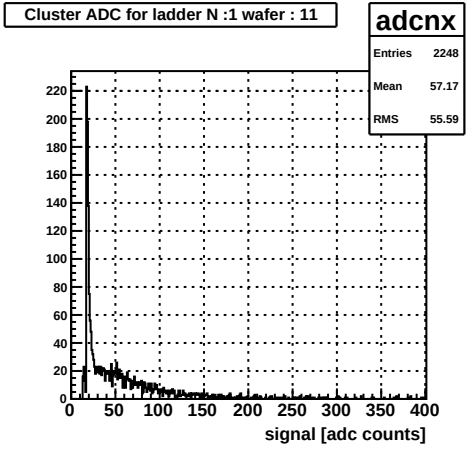

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 3236
Mean 57.85
RMS 59.94
signal [adc counts]

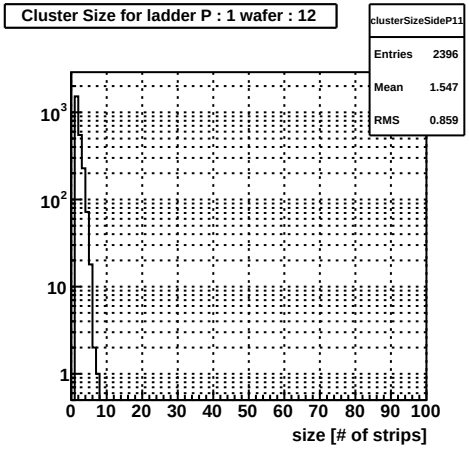

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 7534
Mean 1.056
RMS 0.2538
size [# of strips]

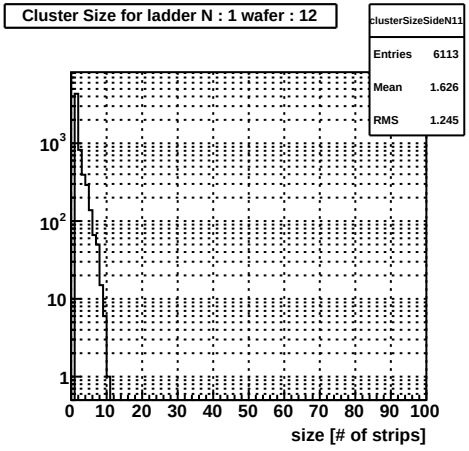

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 2248
Mean 1.367
RMS 0.6636
size [# of strips]

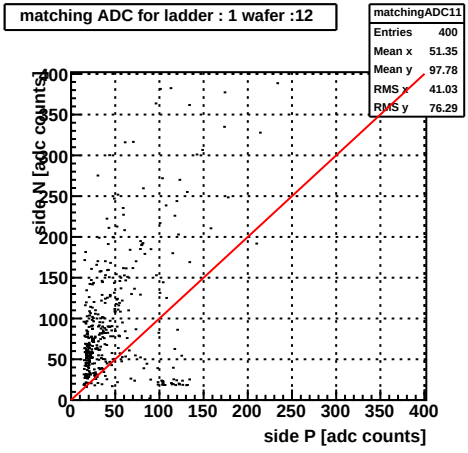

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 435
Mean x 77.39
Mean y 78.04
RMS x 64.52
RMS y 63.9
side N [adc counts]
side P [adc counts]

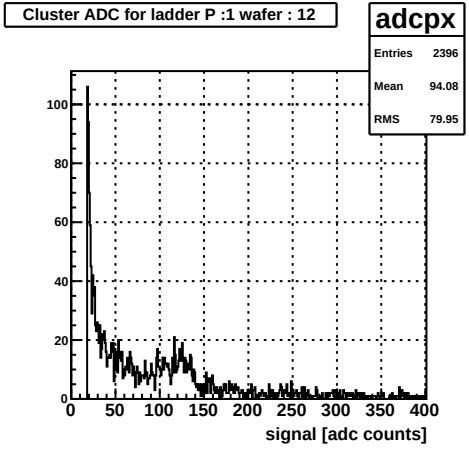

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 7534
Mean 29.41
RMS 25.17
signal [adc counts]

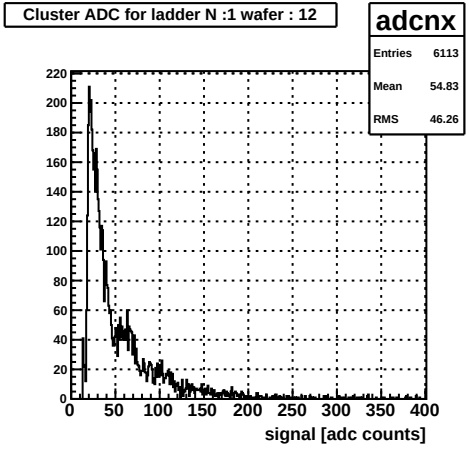

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 2248
Mean 57.17
RMS 55.59
signal [adc counts]

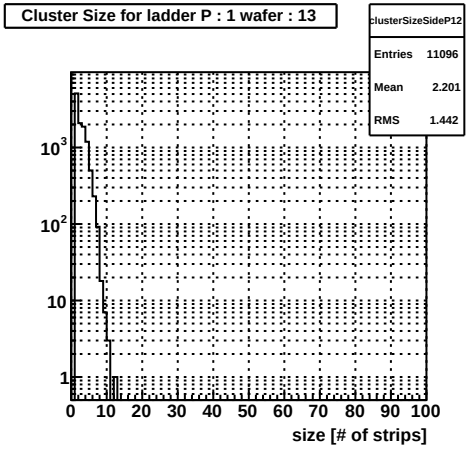

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2396
Mean 1.547
RMS 0.859
size [# of strips]

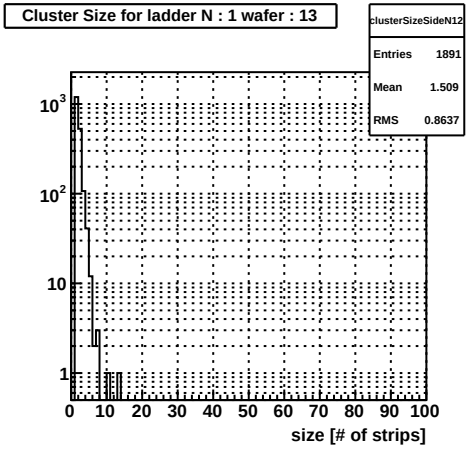

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 6113
Mean 1.626
RMS 1.245
size [# of strips]

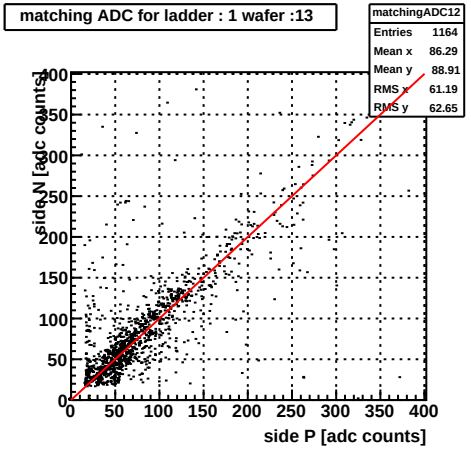

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 400
Mean x 51.35
Mean y 97.78
RMS x 41.03
RMS y 76.29
side N [adc counts]
side P [adc counts]

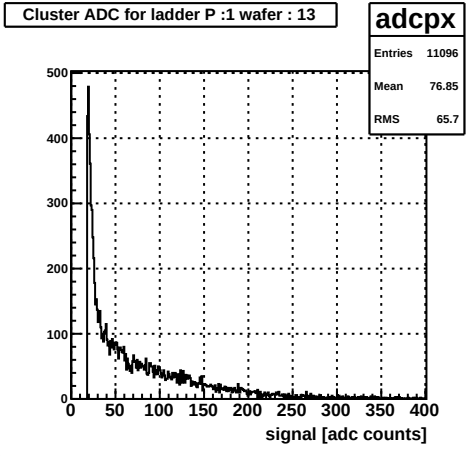

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2396
Mean 94.08
RMS 79.95
signal [adc counts]

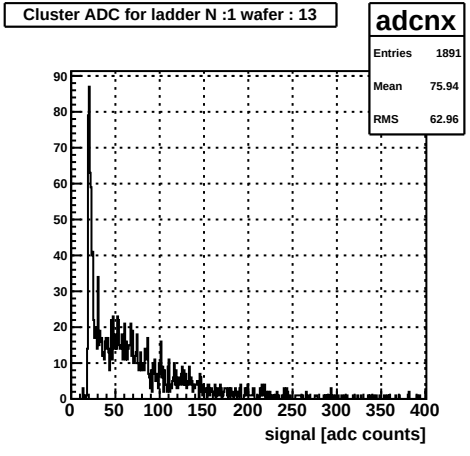

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 6113
Mean 54.83
RMS 46.26
signal [adc counts]

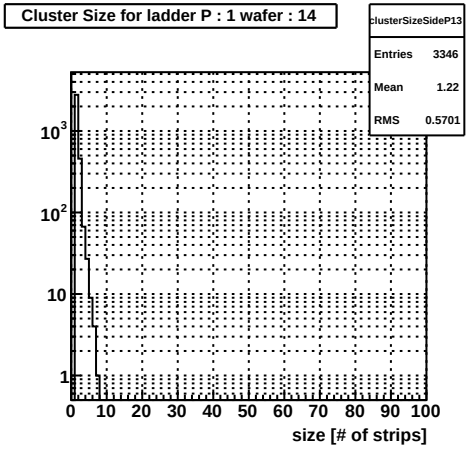

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 11096
Mean 2.201
RMS 1.442
size [# of strips]

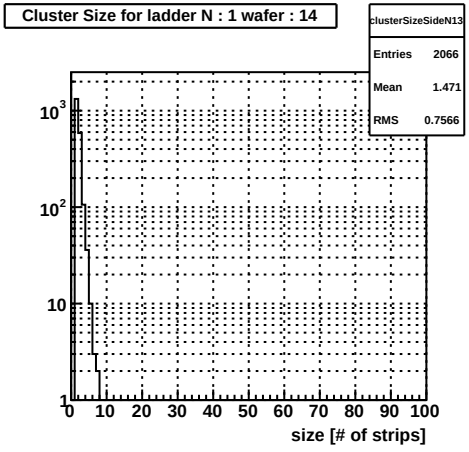

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1891
Mean 1.509
RMS 0.8637
size [# of strips]

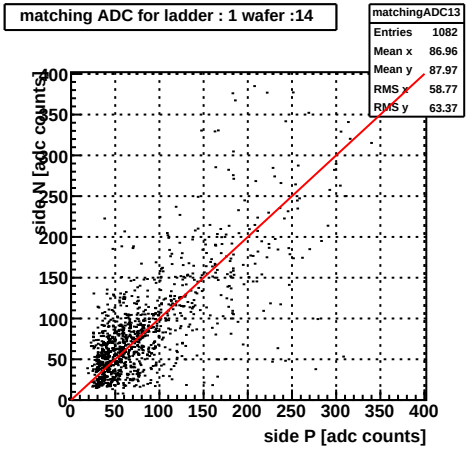

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 1164
Mean x 86.29
Mean y 88.91
RMS x 61.19
RMS y 62.65
side N [adc counts]
side P [adc counts]

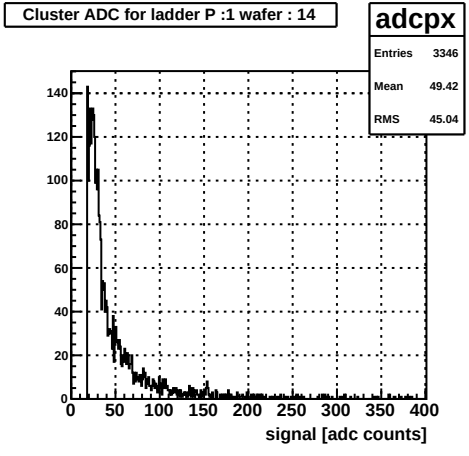

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 11096
Mean 76.85
RMS 65.7
signal [adc counts]

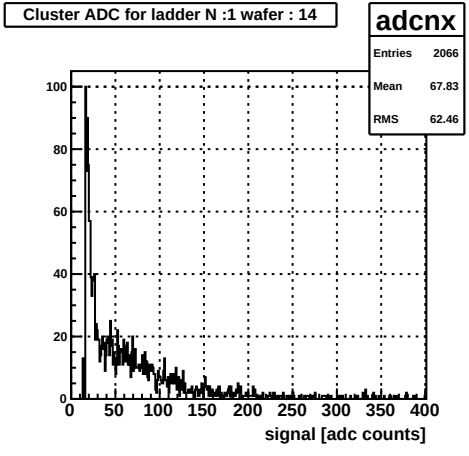

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1891
Mean 75.94
RMS 62.96
signal [adc counts]

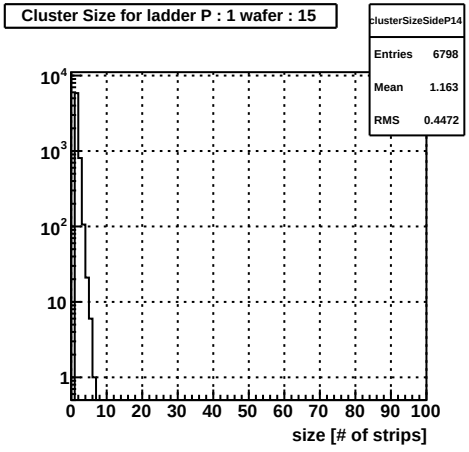

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 3346
Mean 1.22
RMS 0.5701
size [# of strips]

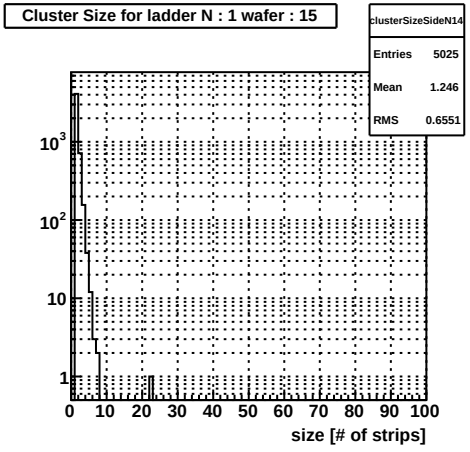

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 2066
Mean 1.471
RMS 0.7566
size [# of strips]

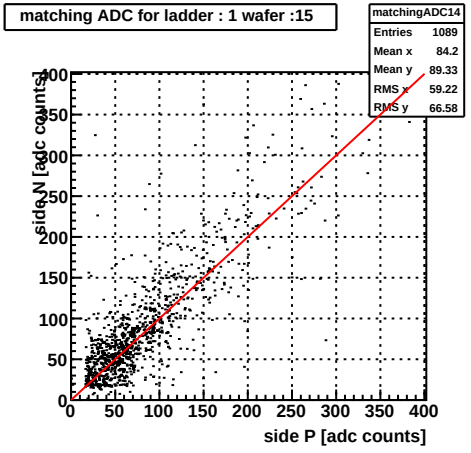

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 1082
Mean x 86.96
Mean y 87.97
RMS x 58.77
RMS y 63.37
side N [adc counts]
side P [adc counts]

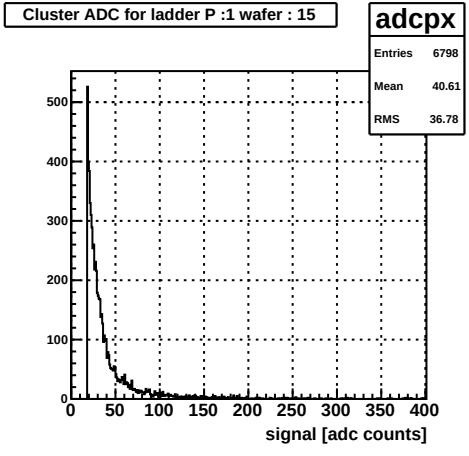

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 3346
Mean 49.42
RMS 45.04
signal [adc counts]

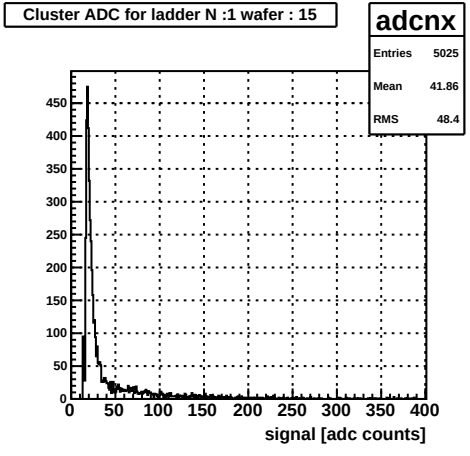

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 2066
Mean 67.83
RMS 62.46
signal [adc counts]

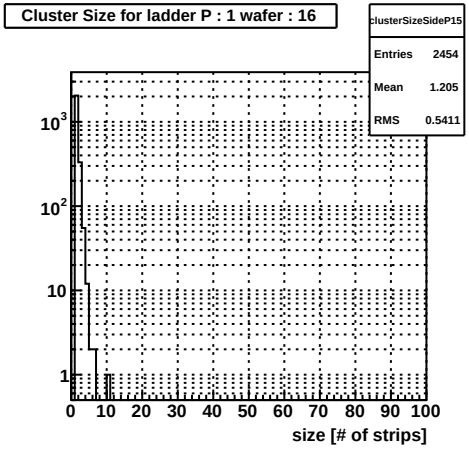

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 6798
Mean 1.163
RMS 0.4472
size [# of strips]

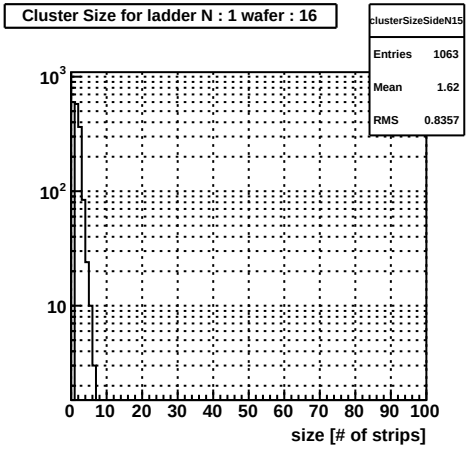

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 5025
Mean 1.246
RMS 0.6551
size [# of strips]

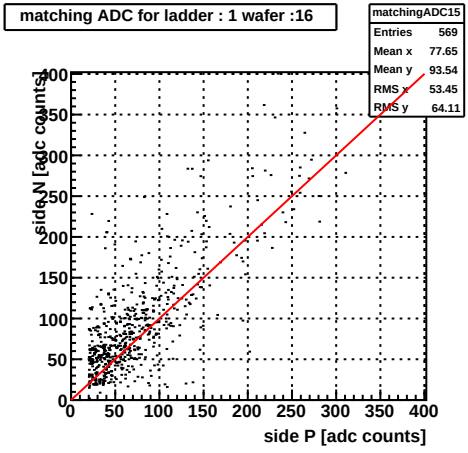

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 1089
Mean x 84.2
Mean y 89.33
RMS x 59.22
RMS y 66.58
side N [adc counts]
side P [adc counts]

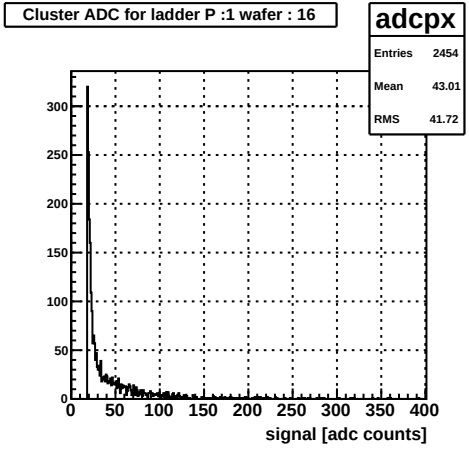

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 6798
Mean 40.61
RMS 36.78
signal [adc counts]

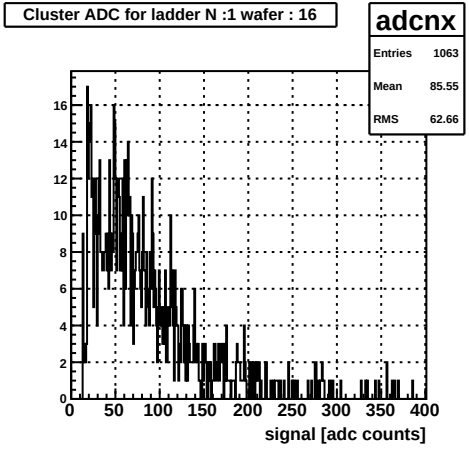

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 5025
Mean 41.86
RMS 48.4
signal [adc counts]

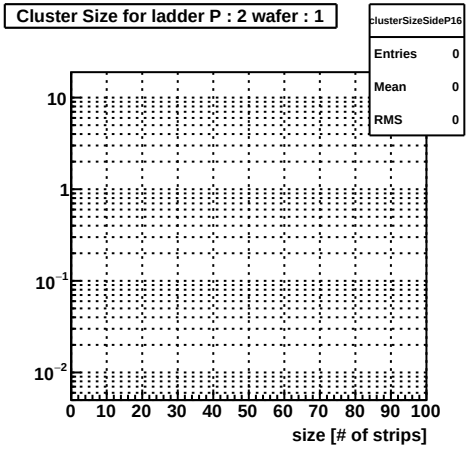

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 2454
Mean 1.205
RMS 0.5411
size [# of strips]

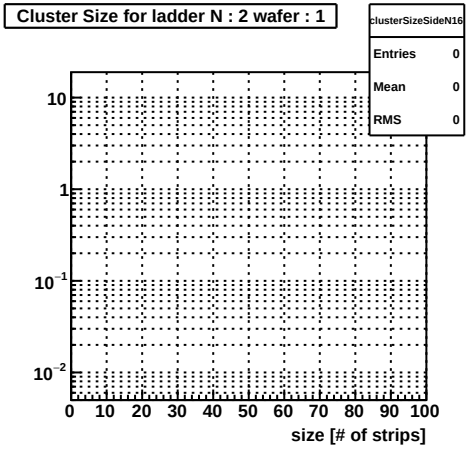

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 1063
Mean 1.62
RMS 0.8357
size [# of strips]

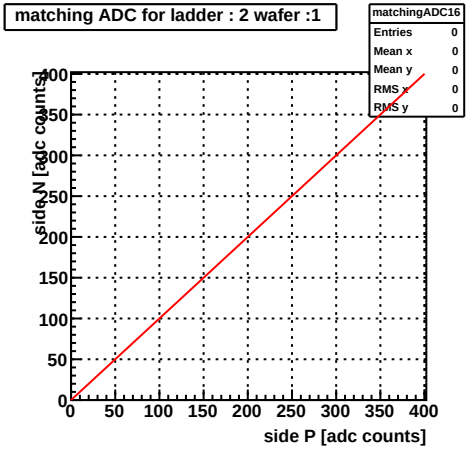

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 569
Mean x 77.65
Mean y 93.54
RMS x 53.45
RMS y 64.11
side N [adc counts]
side P [adc counts]

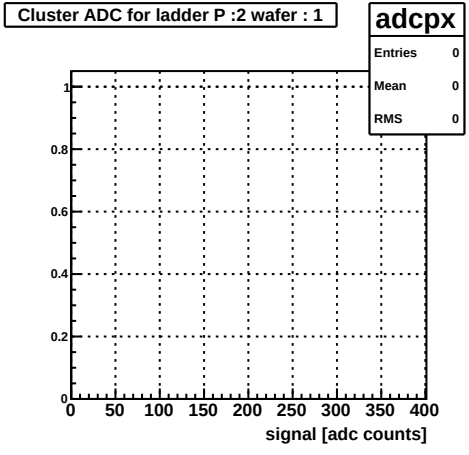

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 2454
Mean 43.01
RMS 41.72
signal [adc counts]

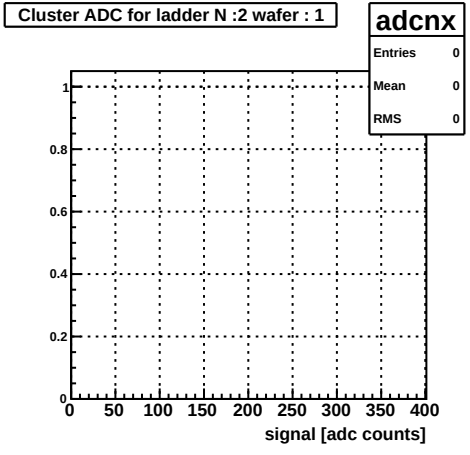

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 1063
Mean 85.55
RMS 62.66
signal [adc counts]

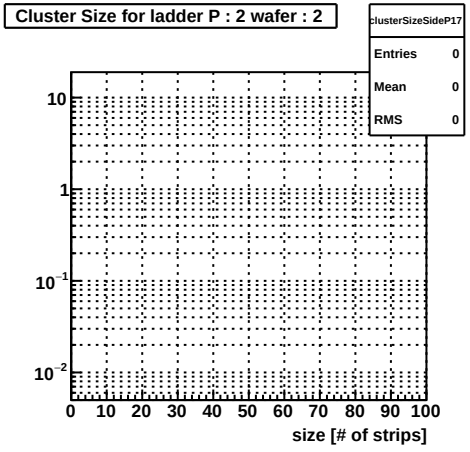

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

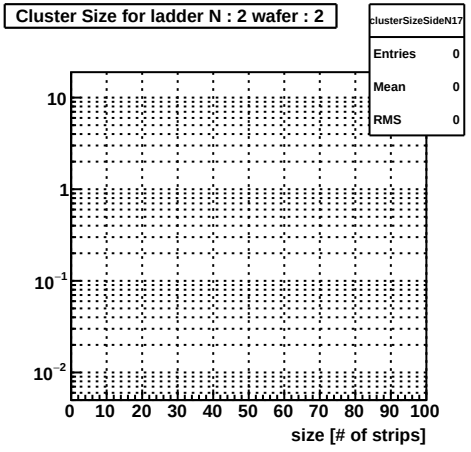

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

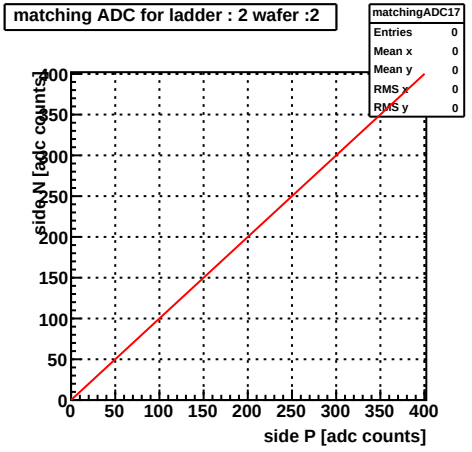

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

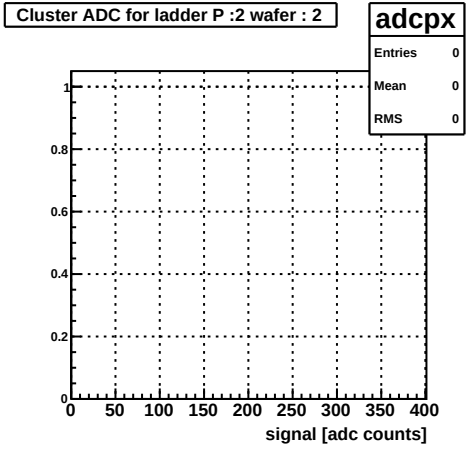

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

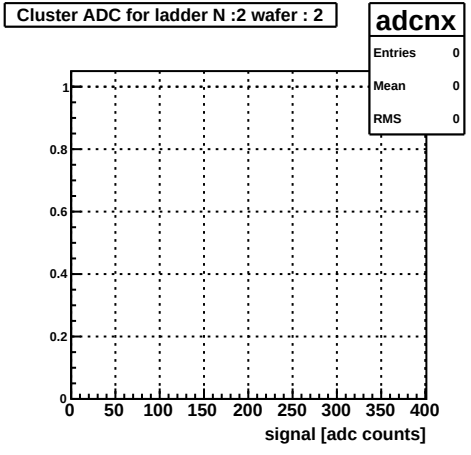

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

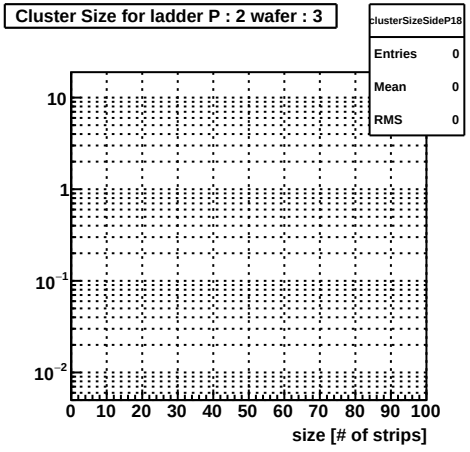

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

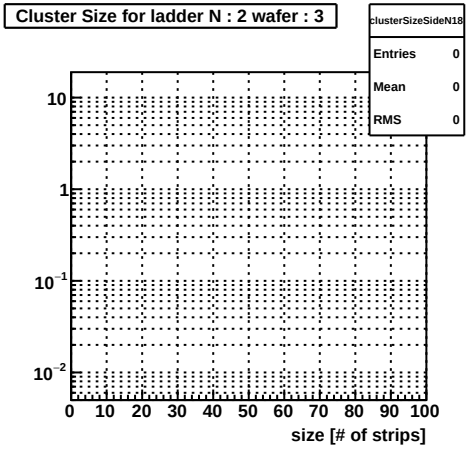

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

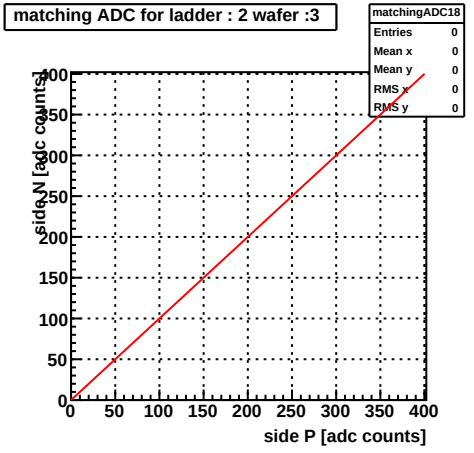

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

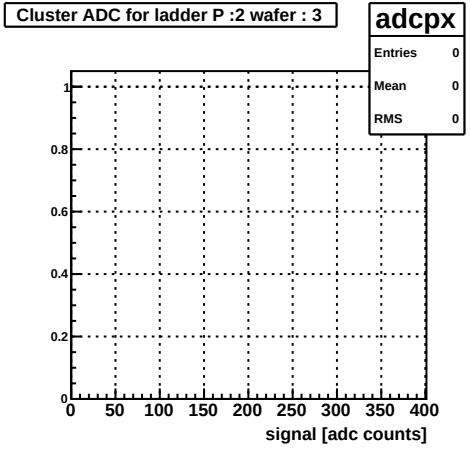

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

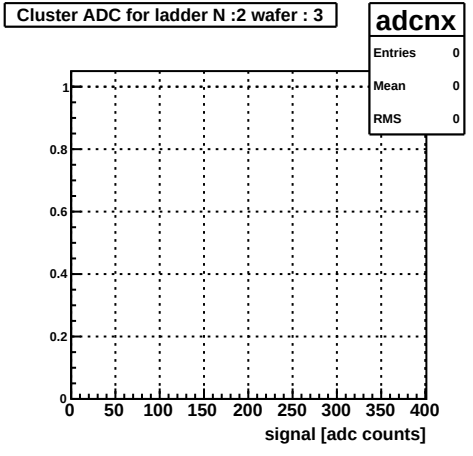

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

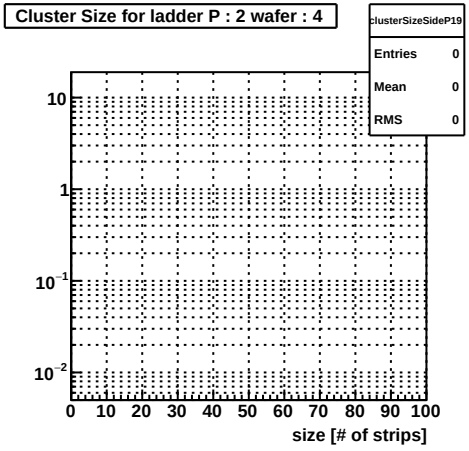

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

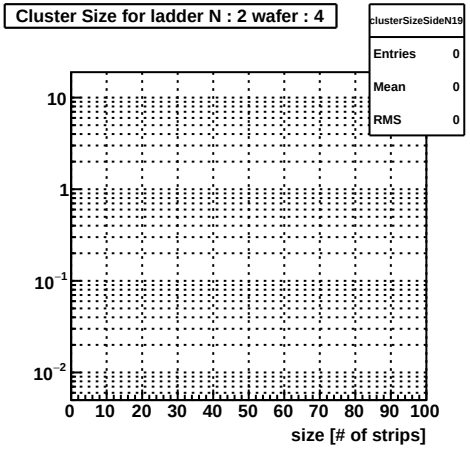

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

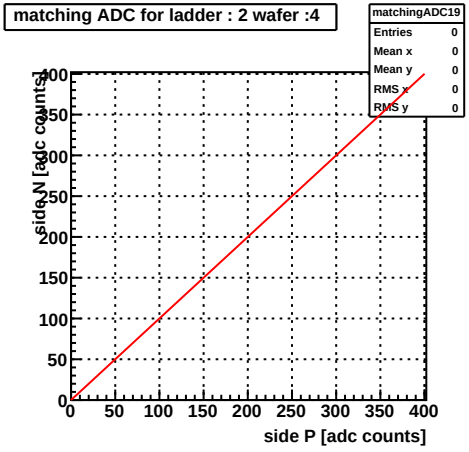

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

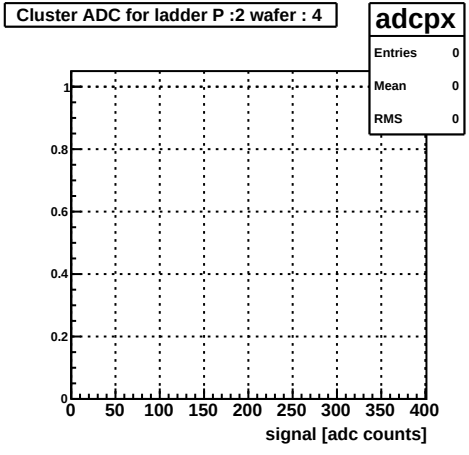

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

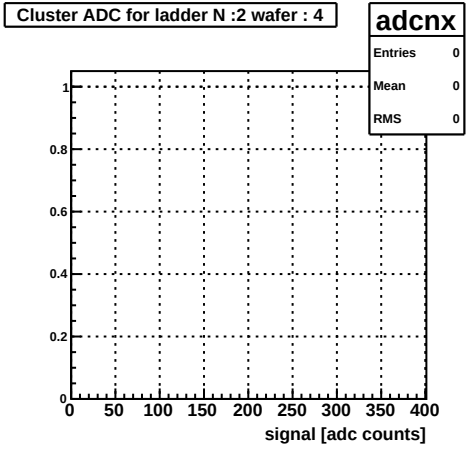

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

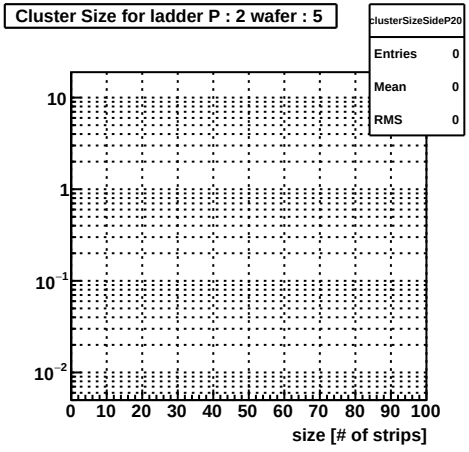

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

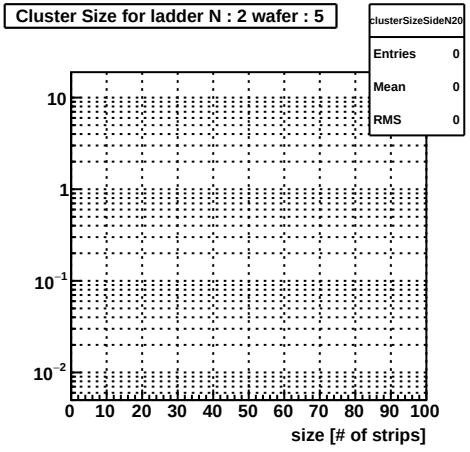

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

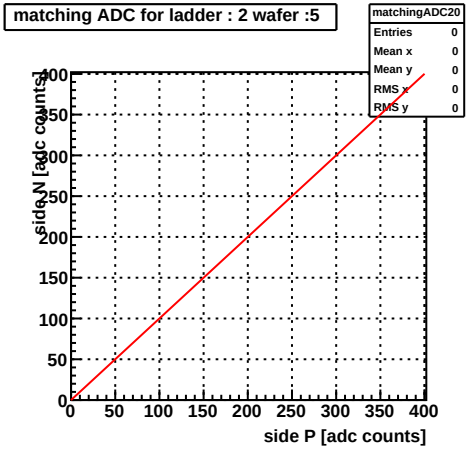

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

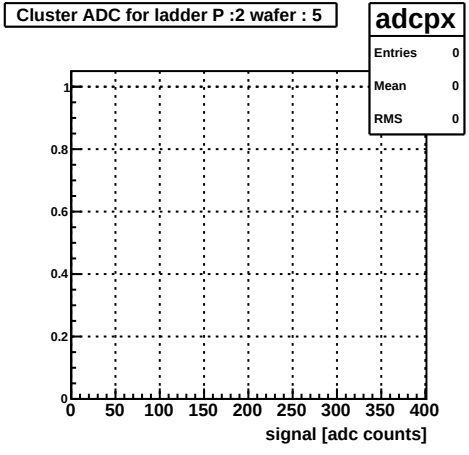

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

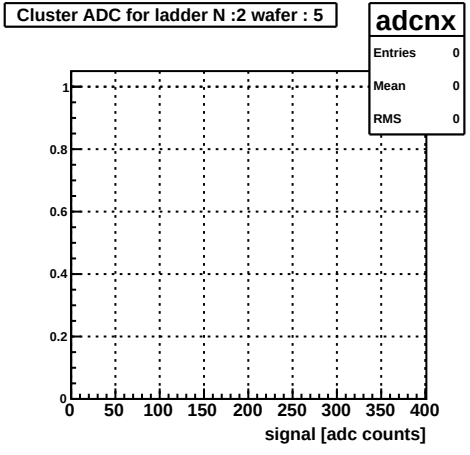

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

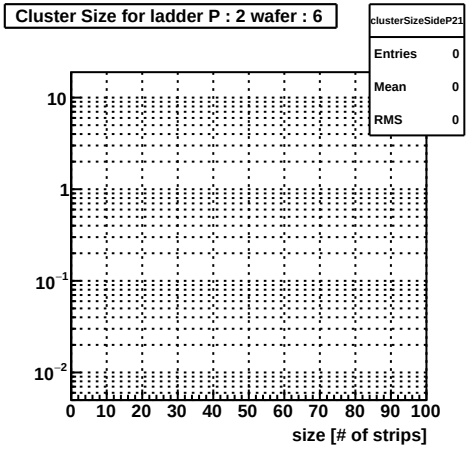

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

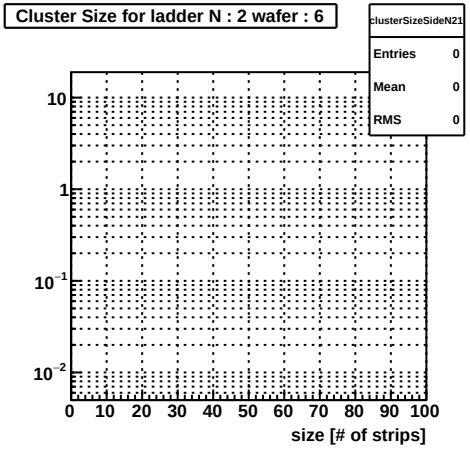

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

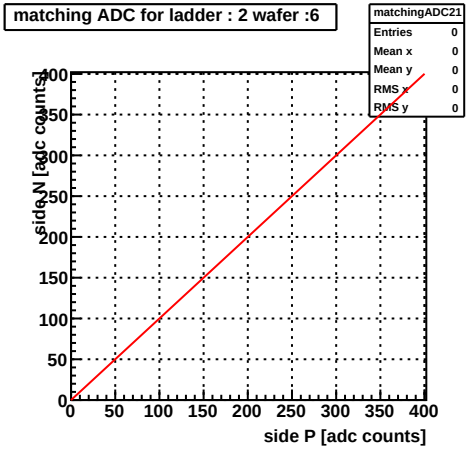

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

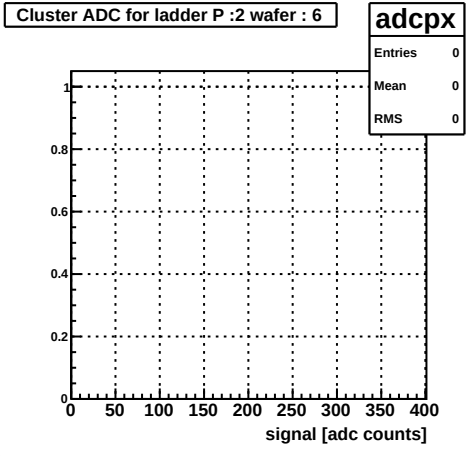

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

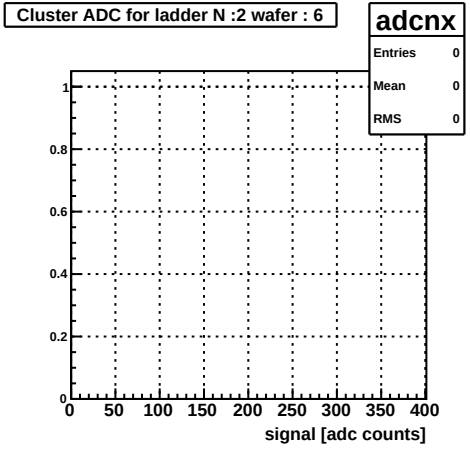

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

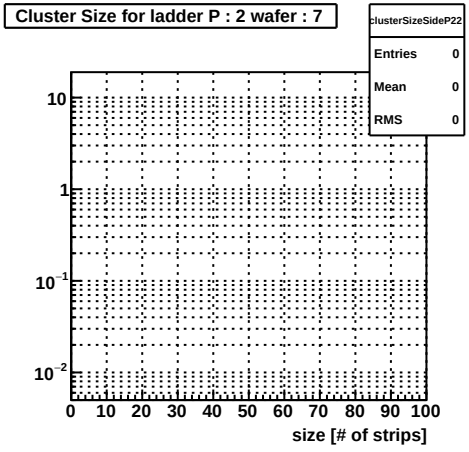

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

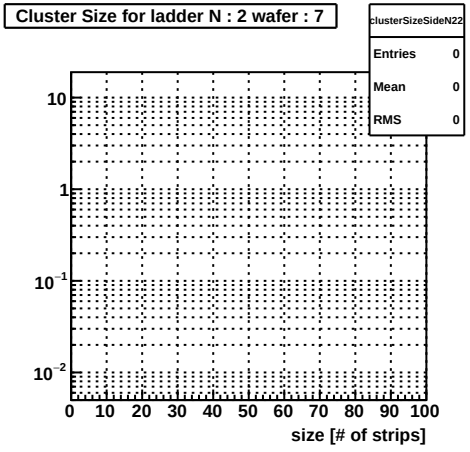

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

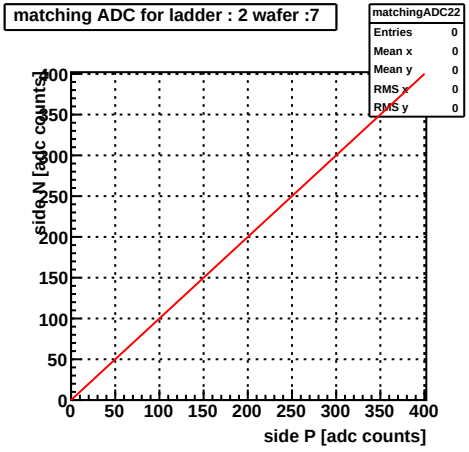

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

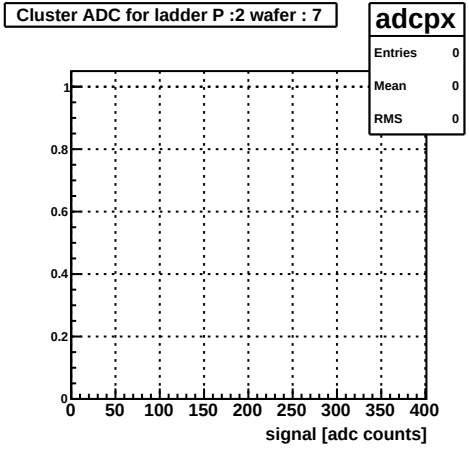

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

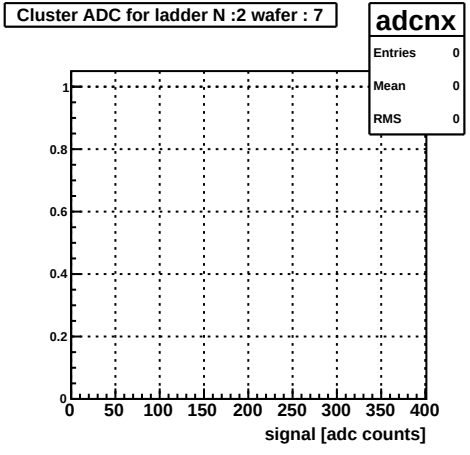

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

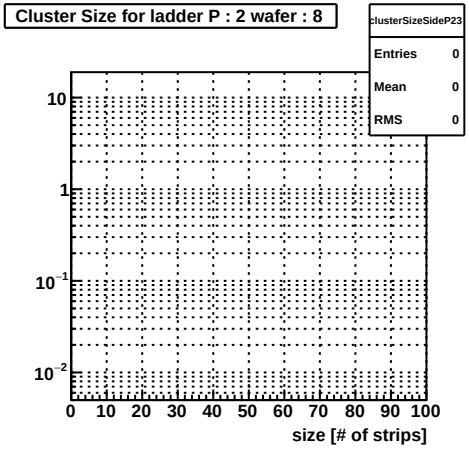

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

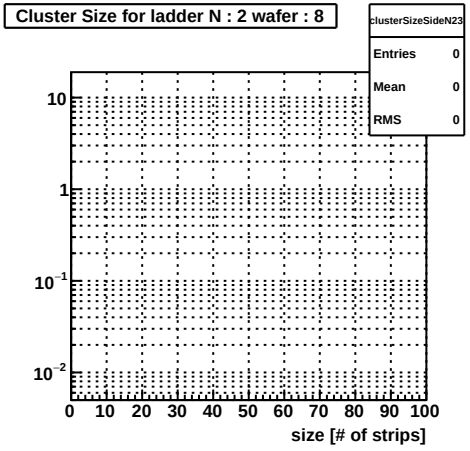

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

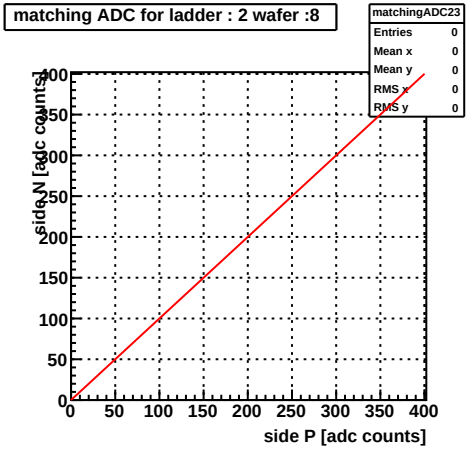

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

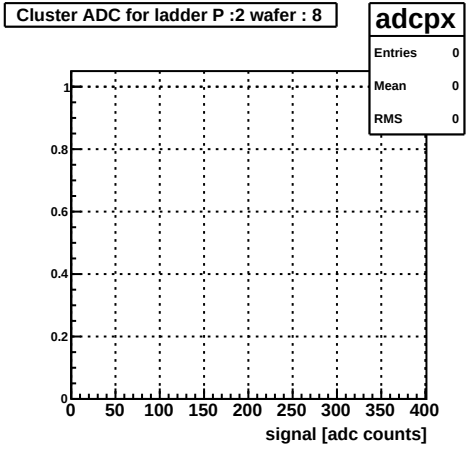

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

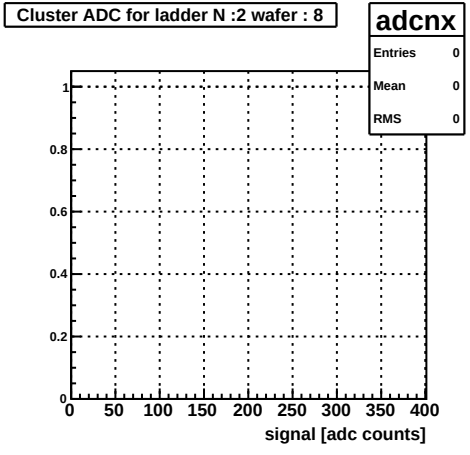

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

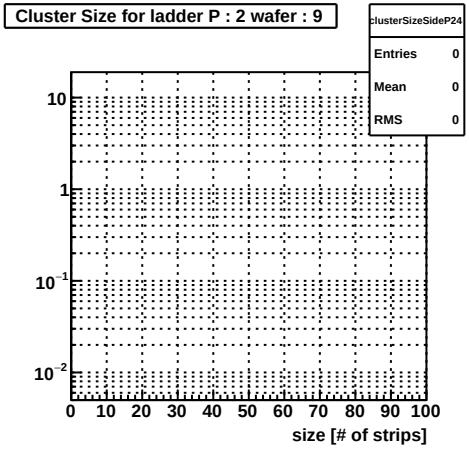

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

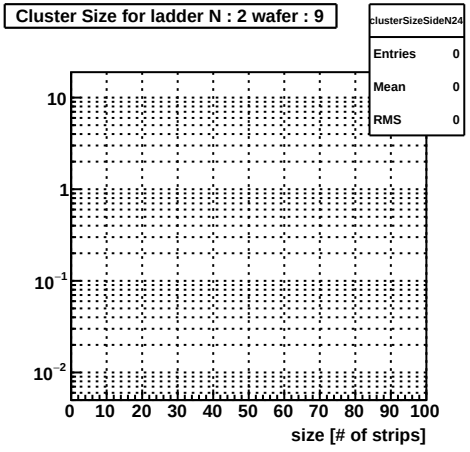

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

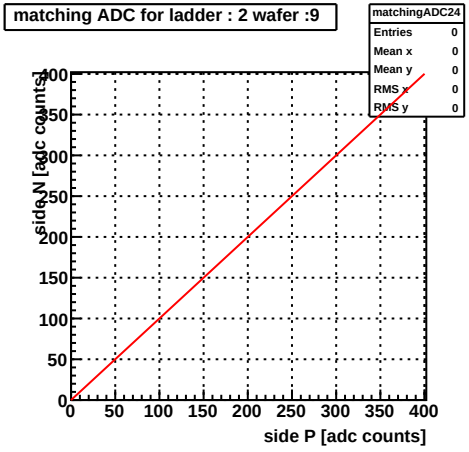

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

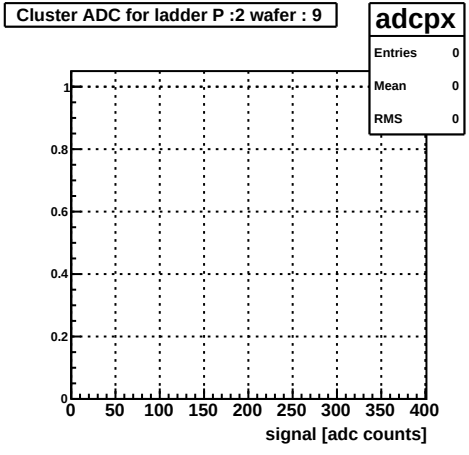

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

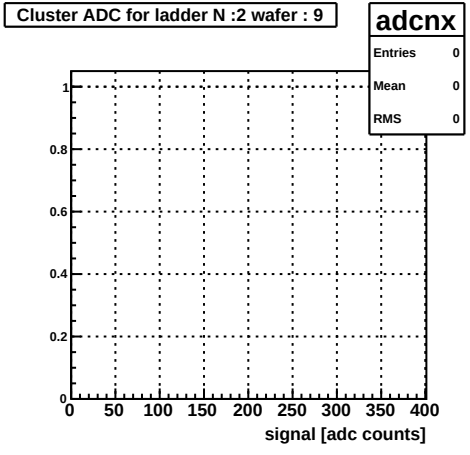

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

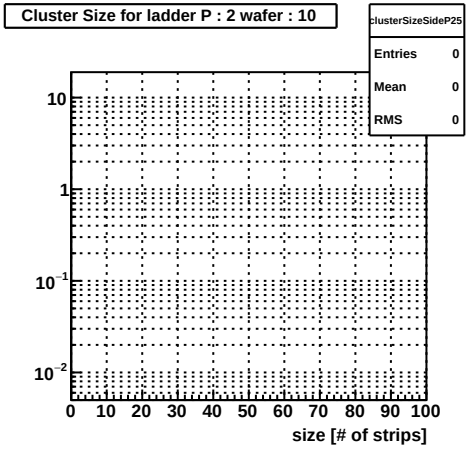

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

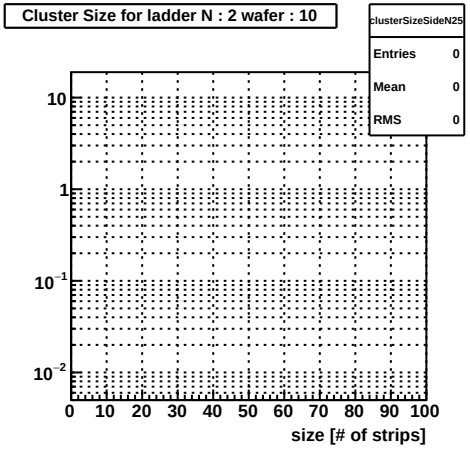

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

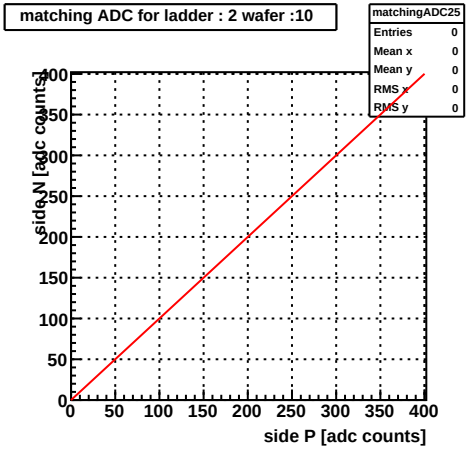

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

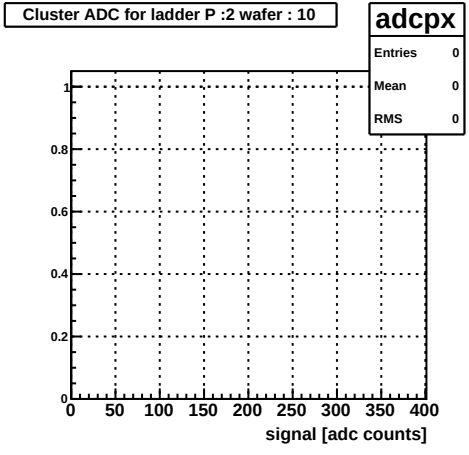

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

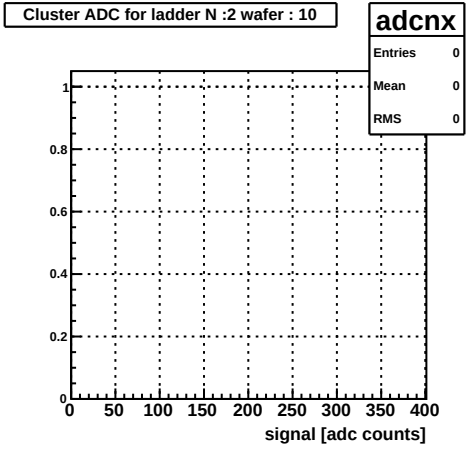

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

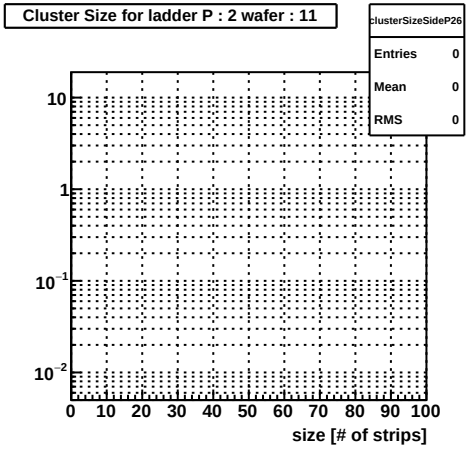

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

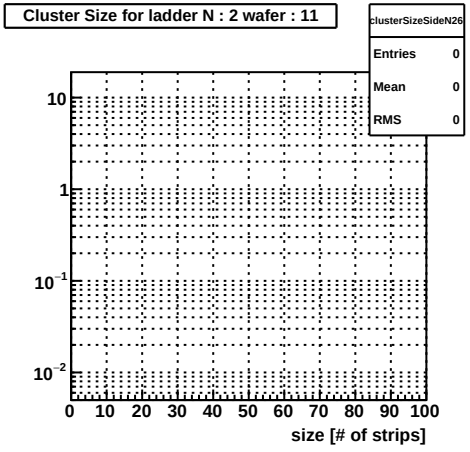

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

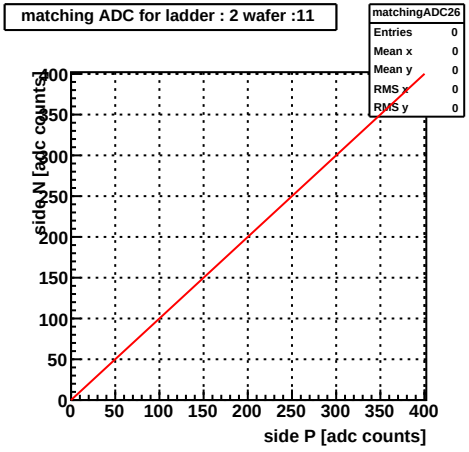

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

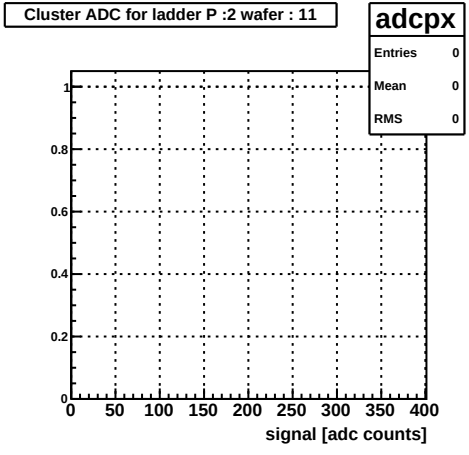

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

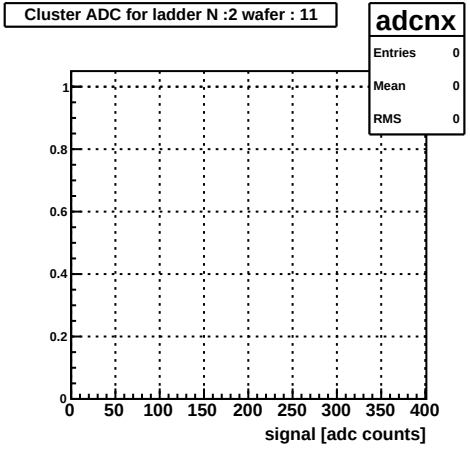

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

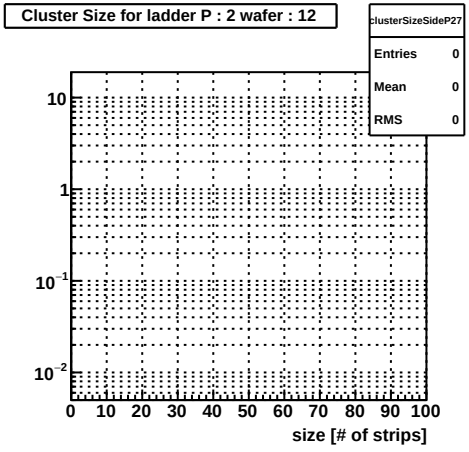

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

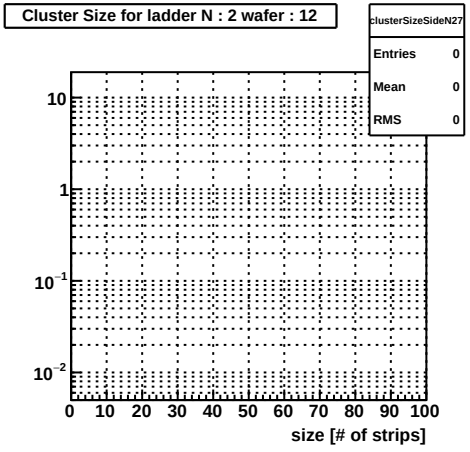

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

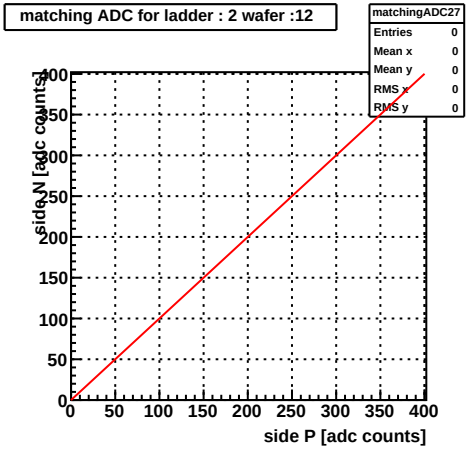

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

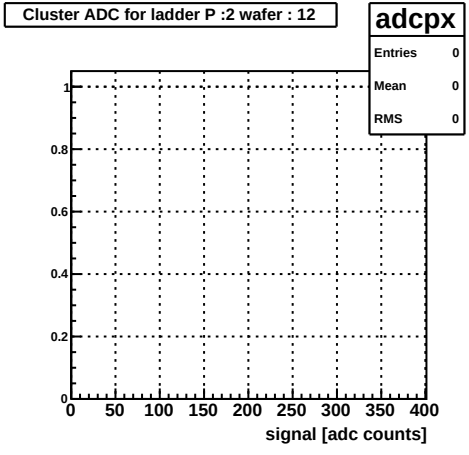

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

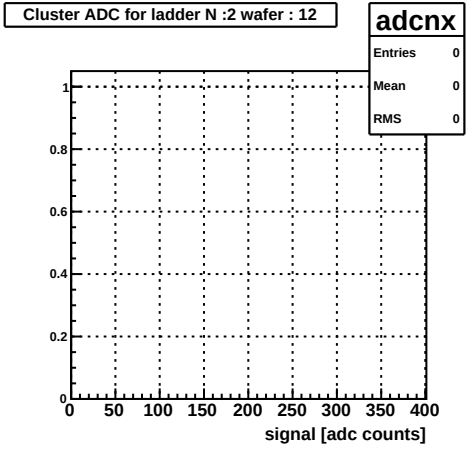

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

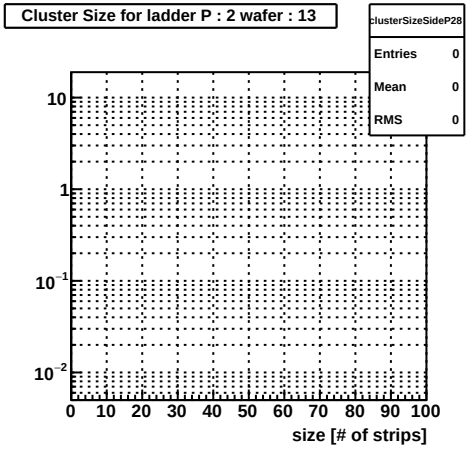

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

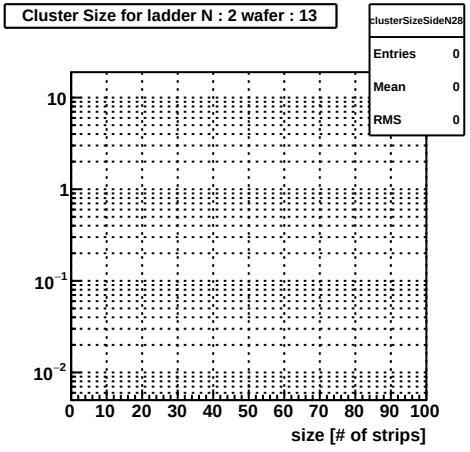

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

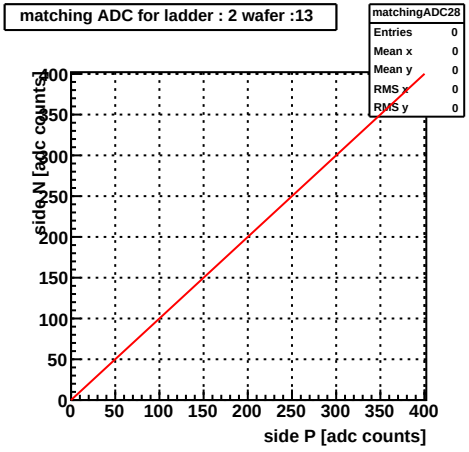

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

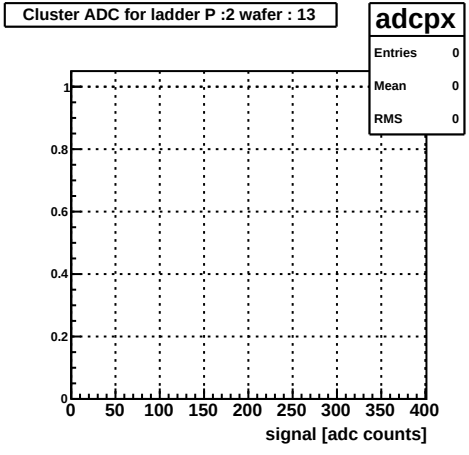

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

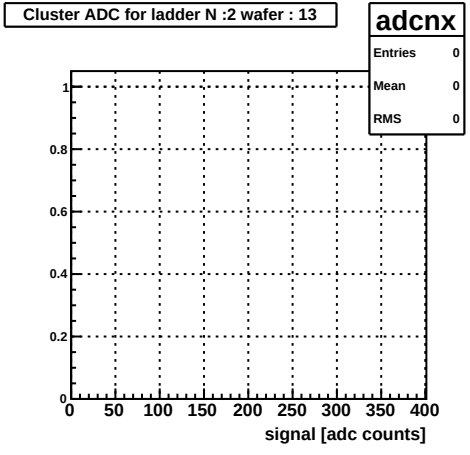

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

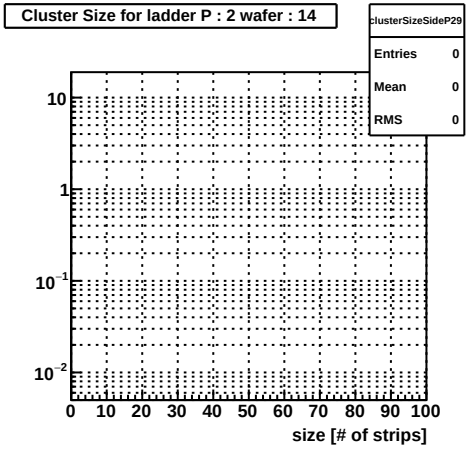

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

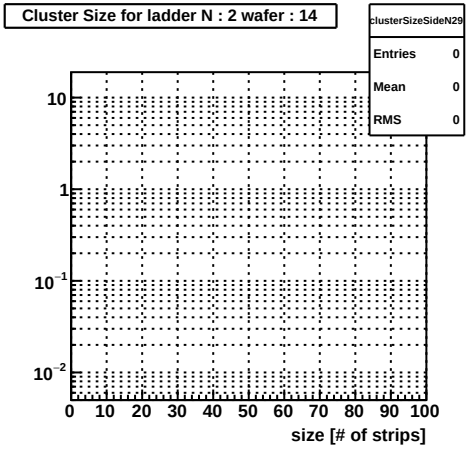

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

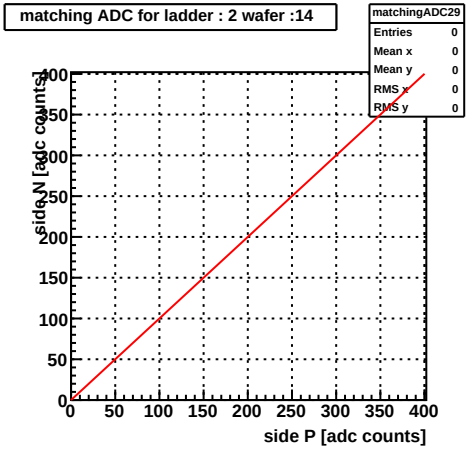

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

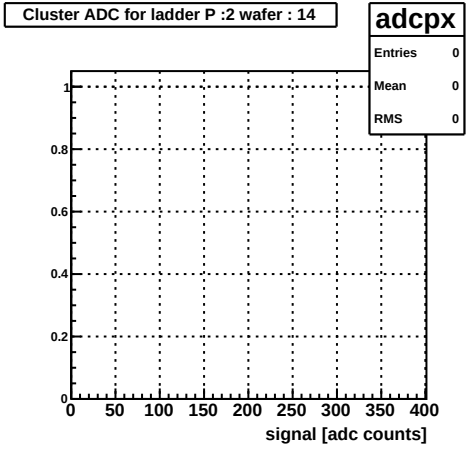

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

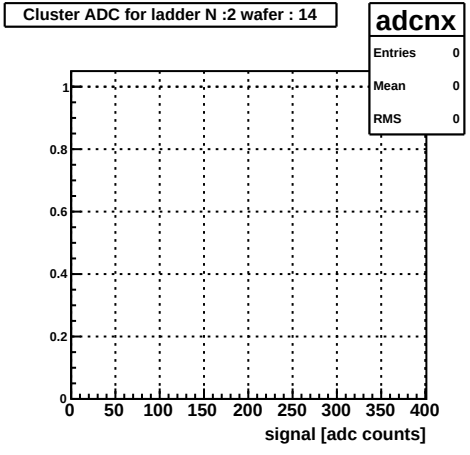

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

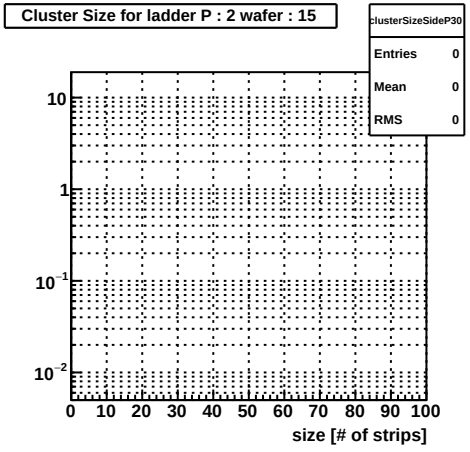

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

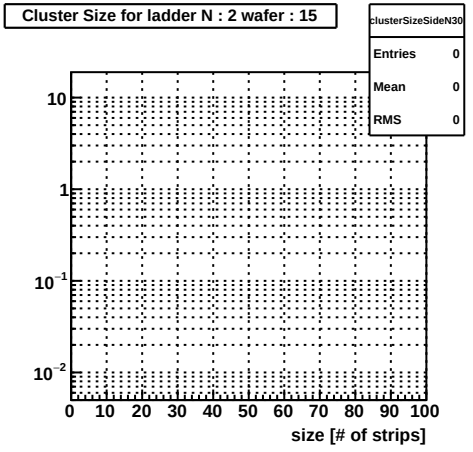

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

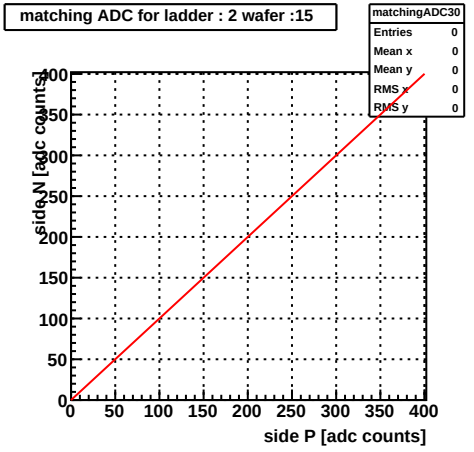

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

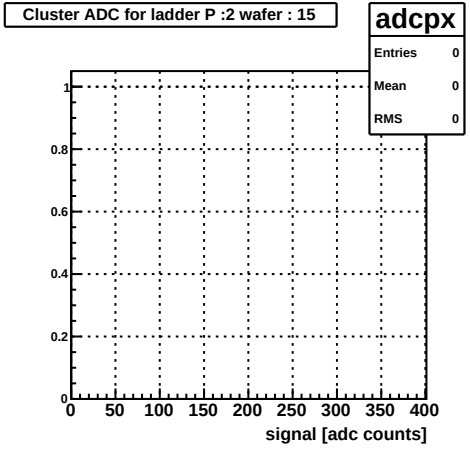

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

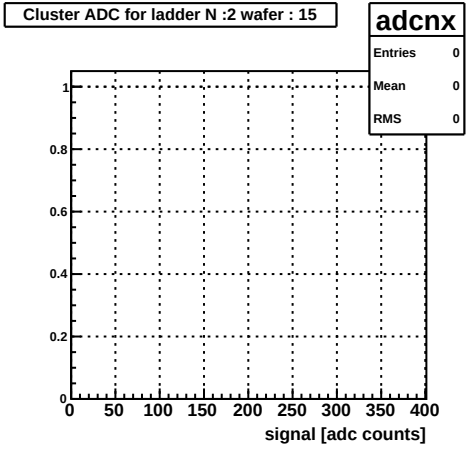

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

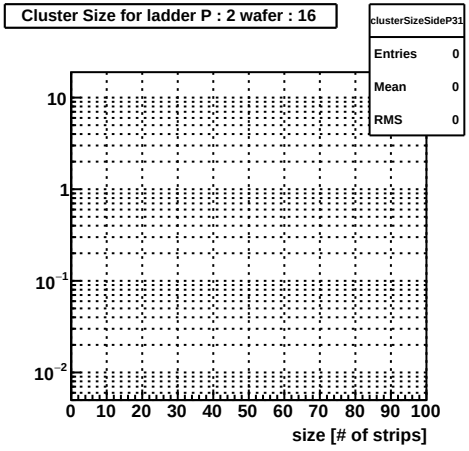

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

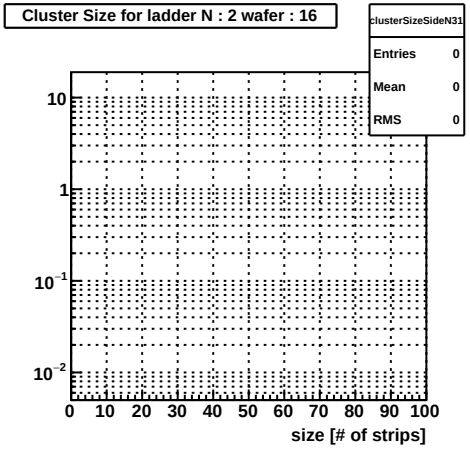

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

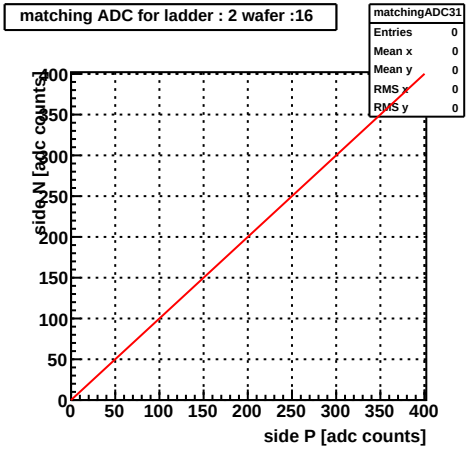

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

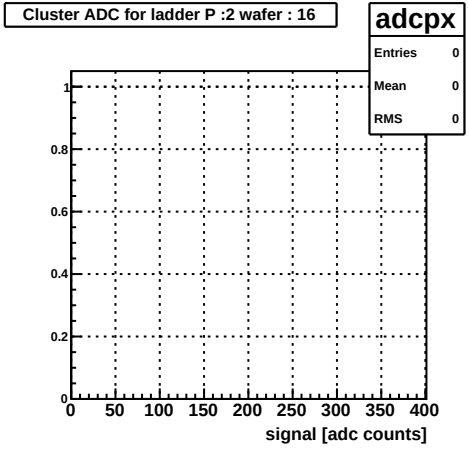

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

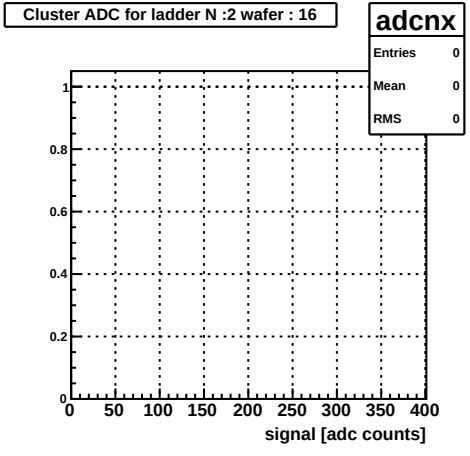

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

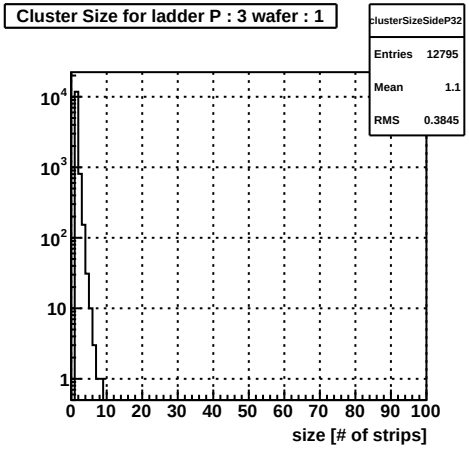

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

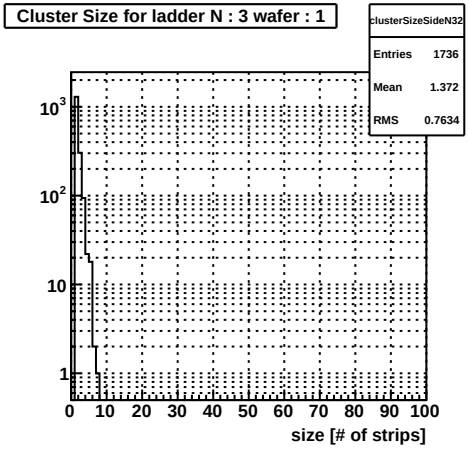

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

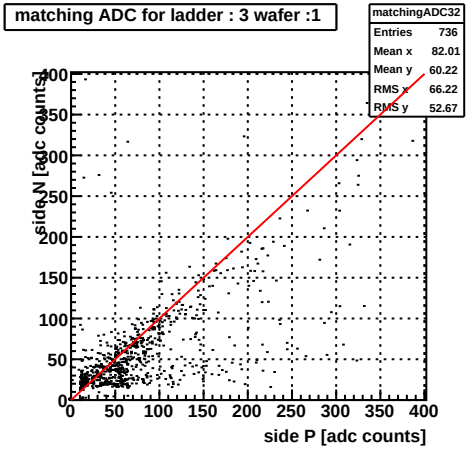

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

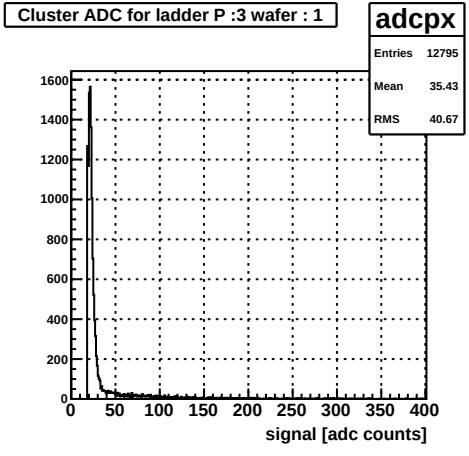

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

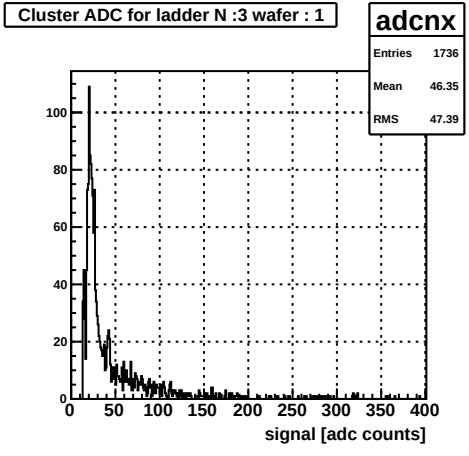

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

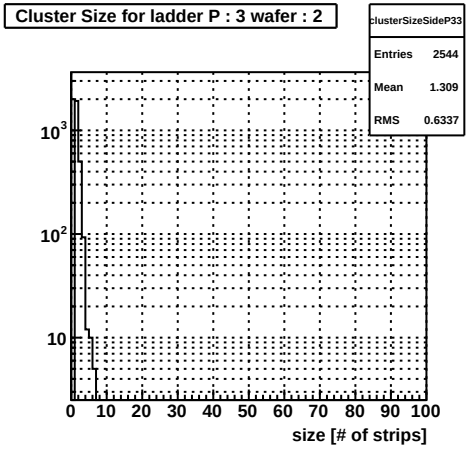

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 12795
Mean 1.1
RMS 0.3845
size [# of strips]

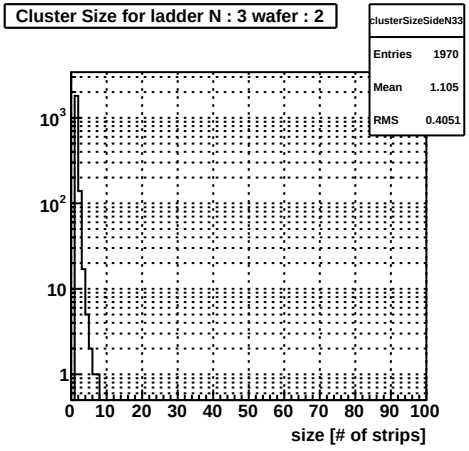

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 1736
Mean 1.372
RMS 0.7634
size [# of strips]

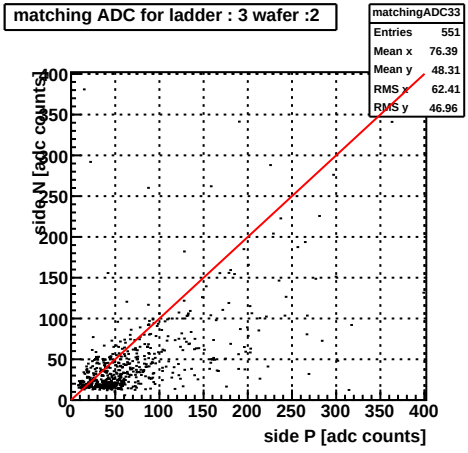

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 736
Mean x 82.01
Mean y 60.22
RMS x 66.22
RMS y 52.67
side N [adc counts]
side P [adc counts]

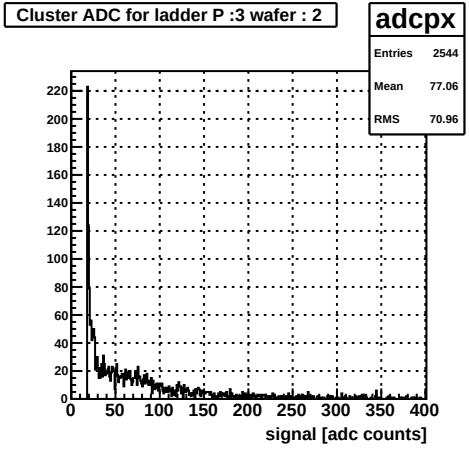

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 12795
Mean 35.43
RMS 40.67
signal [adc counts]

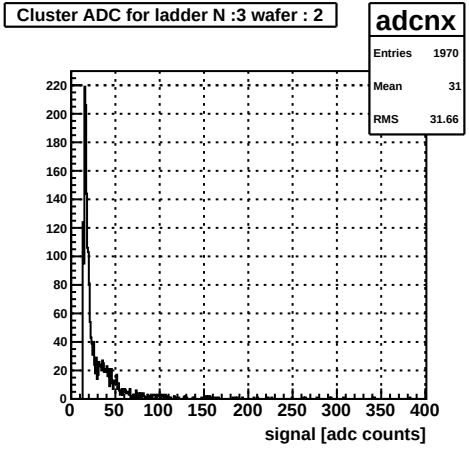

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 1736
Mean 46.35
RMS 47.39
signal [adc counts]

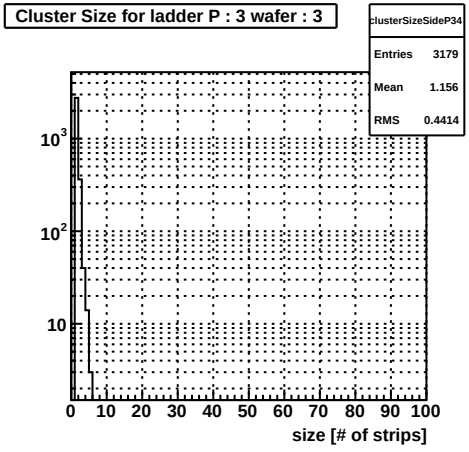

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 2544
Mean 1.309
RMS 0.6337
size [# of strips]

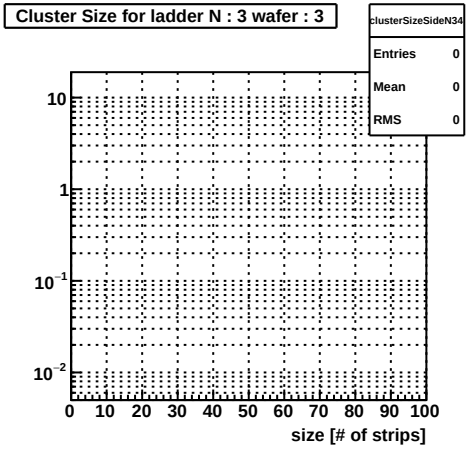

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1970
Mean 1.105
RMS 0.4051
size [# of strips]

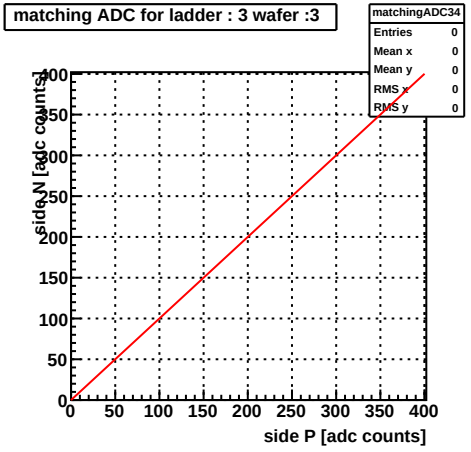

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 551
Mean x 76.39
Mean y 48.31
RMS x 62.41
RMS y 46.96
side N [adc counts]
side P [adc counts]

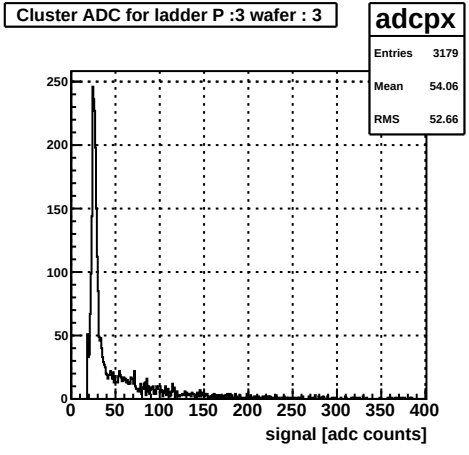

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 2544
Mean 77.06
RMS 70.96
signal [adc counts]

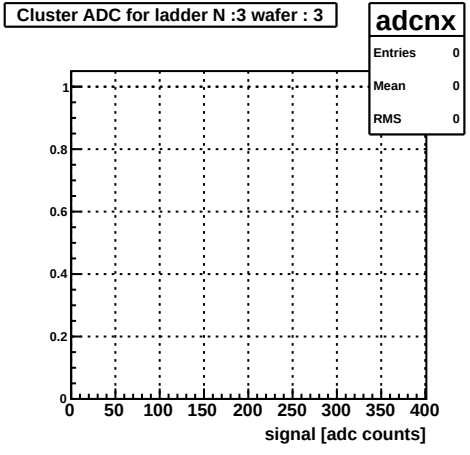

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1970
Mean 31
RMS 31.66
signal [adc counts]

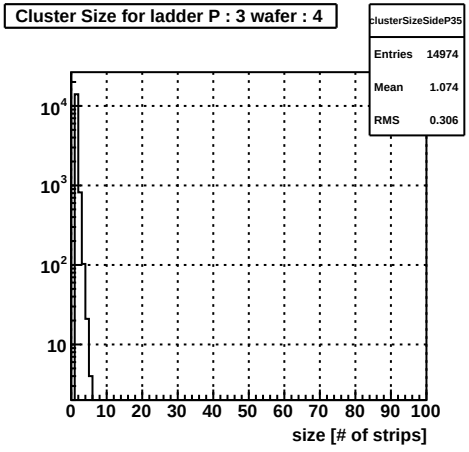

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3179
Mean 1.156
RMS 0.4414
size [# of strips]

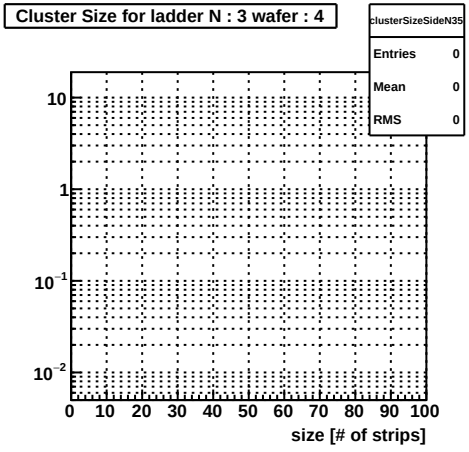

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

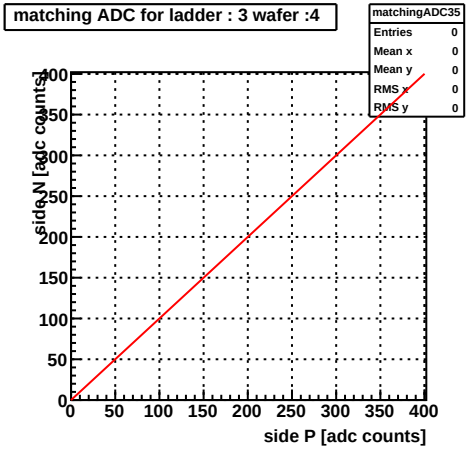

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

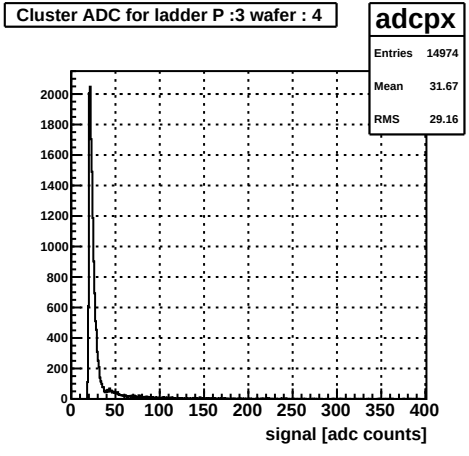

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3179
Mean 54.06
RMS 52.66
signal [adc counts]

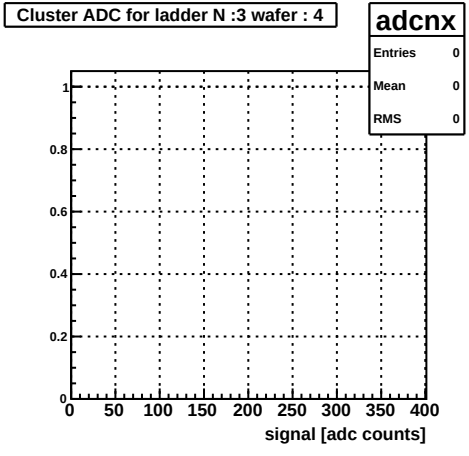

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

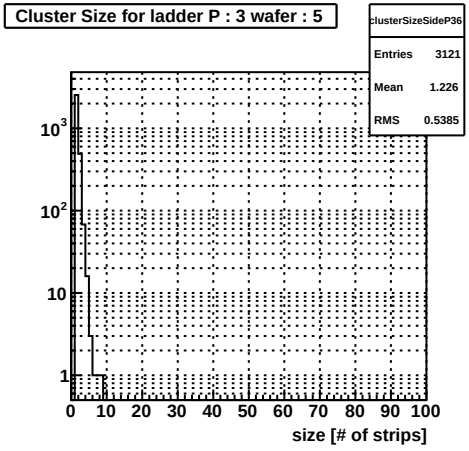

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 14974
Mean 1.074
RMS 0.306
size [# of strips]

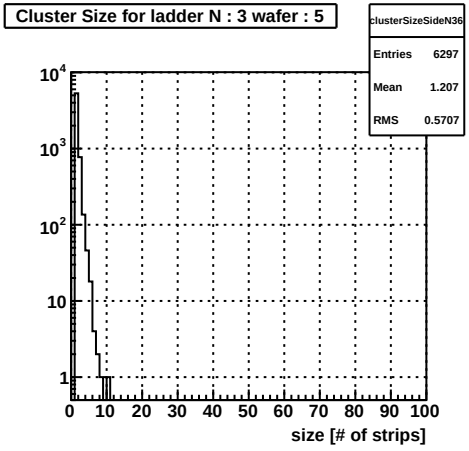

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

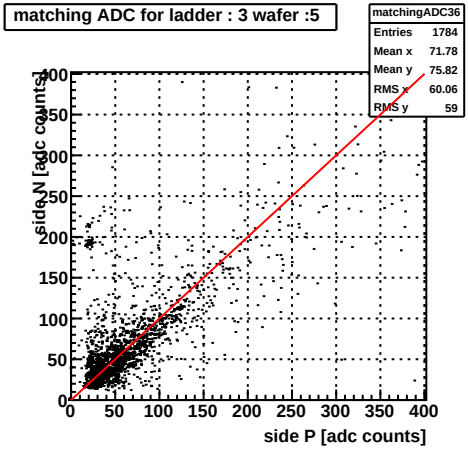

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

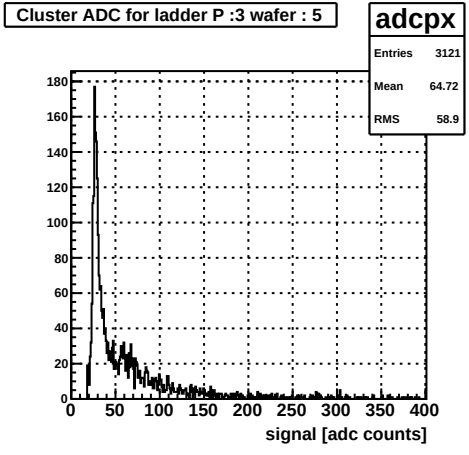

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 14974
Mean 31.67
RMS 29.16
signal [adc counts]

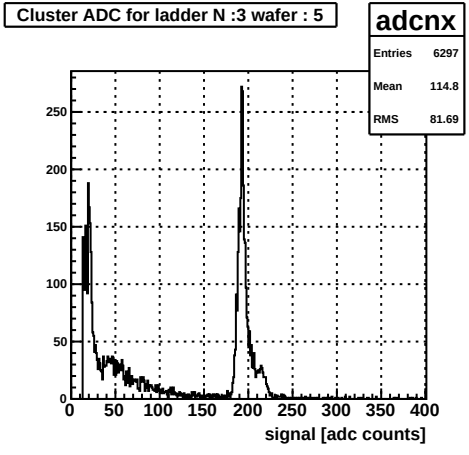

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

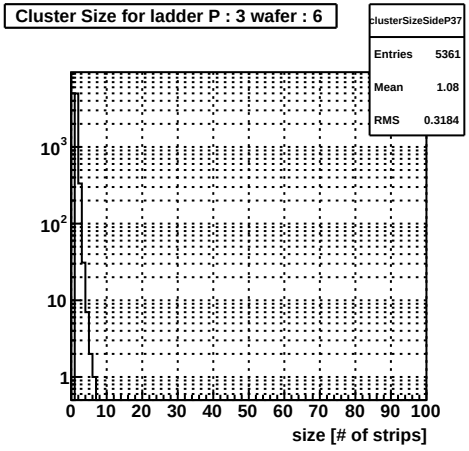

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 3121
Mean 1.226
RMS 0.5385
size [# of strips]

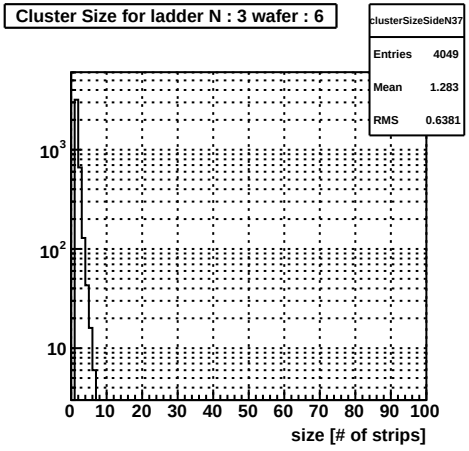

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 6297
Mean 1.207
RMS 0.5707
size [# of strips]

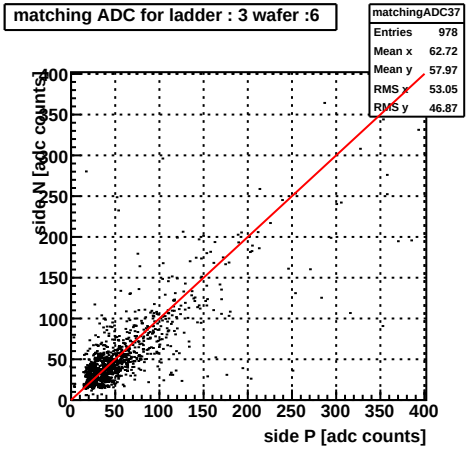

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 1784
Mean x 71.78
Mean y 75.82
RMS x 60.06
RMS y 59
side N [adc counts]
side P [adc counts]

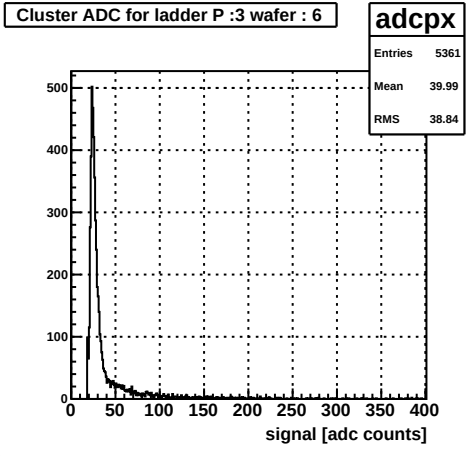

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 3121
Mean 64.72
RMS 58.9
signal [adc counts]

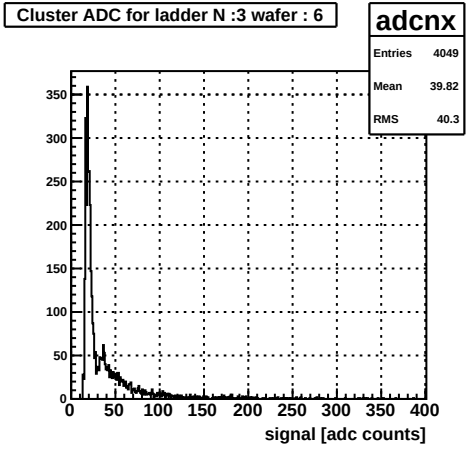

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 6297
Mean 114.8
RMS 81.69
signal [adc counts]

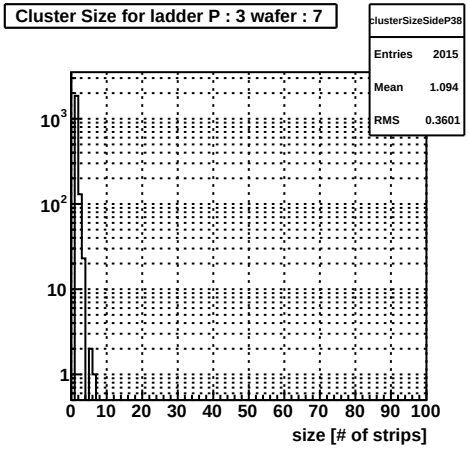

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 5361
Mean 1.08
RMS 0.3184
size [# of strips]

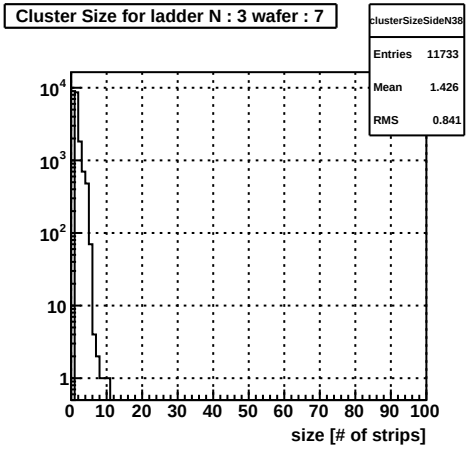

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 4049
Mean 1.283
RMS 0.6381
size [# of strips]

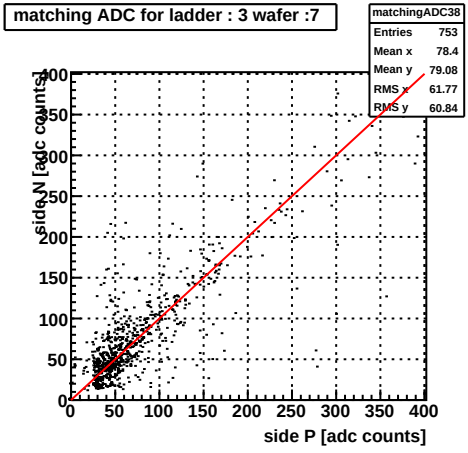

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 978
Mean x 62.72
Mean y 57.97
RMS x 53.05
RMS y 46.87
side N [adc counts]
side P [adc counts]

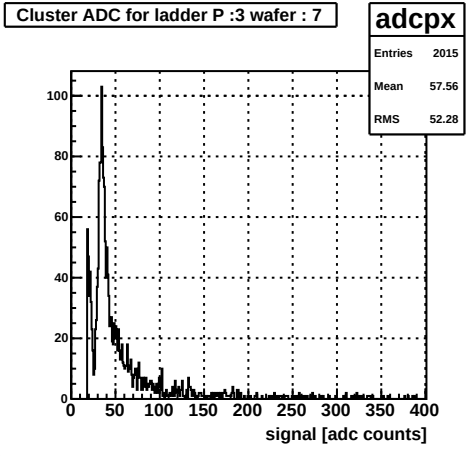

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 5361
Mean 39.99
RMS 38.84
signal [adc counts]

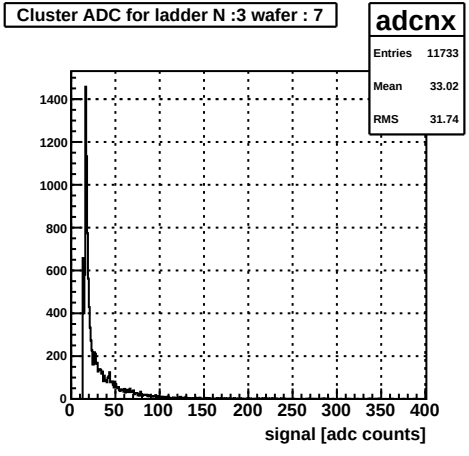

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 4049
Mean 39.82
RMS 40.3
signal [adc counts]

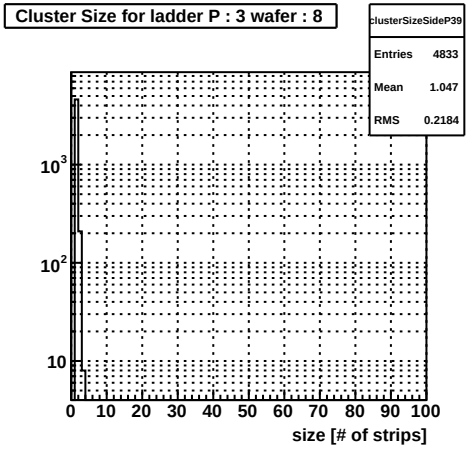

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 2015
Mean 1.094
RMS 0.3601
size [# of strips]

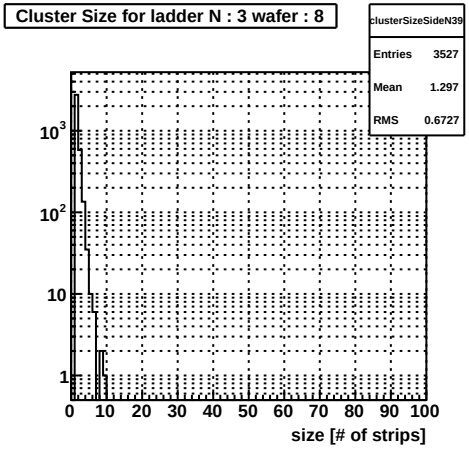

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 11733
Mean 1.426
RMS 0.841
size [# of strips]

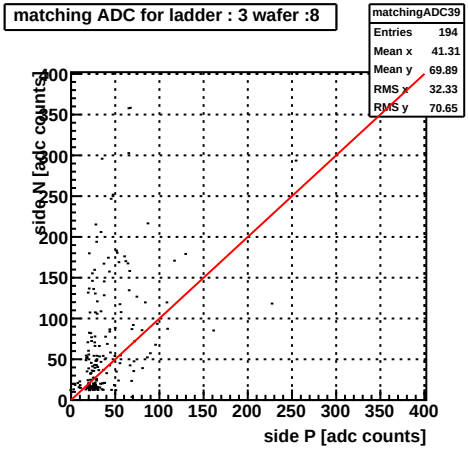

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 753
Mean x 78.4
Mean y 79.08
RMS x 61.77
RMS y 60.84
side N [adc counts]
side P [adc counts]

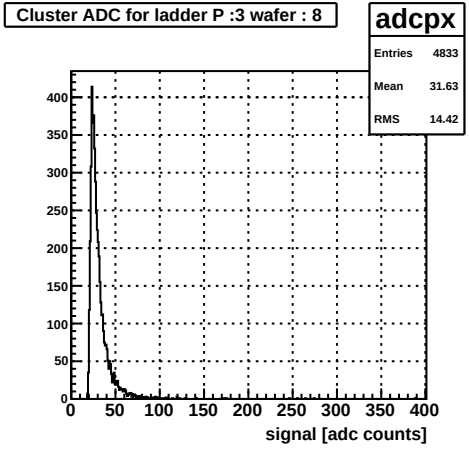

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 2015
Mean 57.56
RMS 52.28
signal [adc counts]

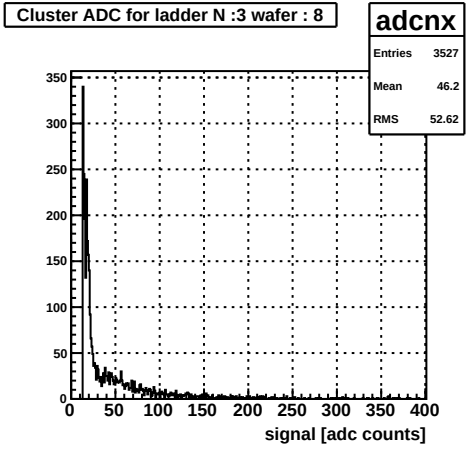

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 11733
Mean 33.02
RMS 31.74
signal [adc counts]

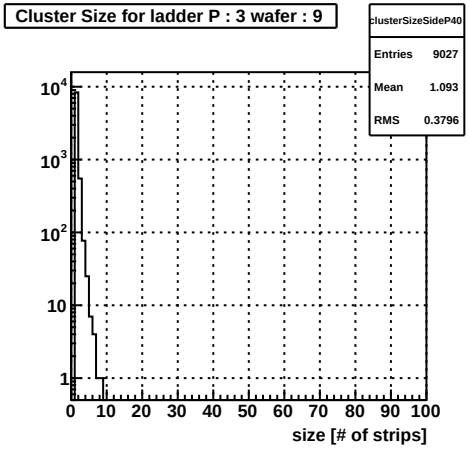

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 4833
Mean 1.047
RMS 0.2184
size [# of strips]

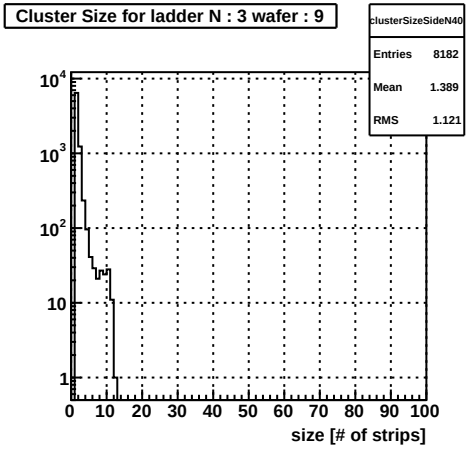

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 3527
Mean 1.297
RMS 0.6727
size [# of strips]

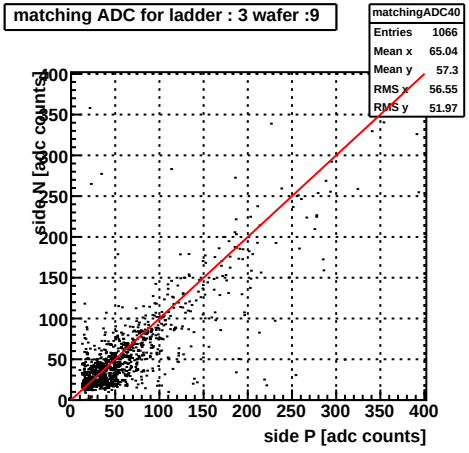

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 194
Mean x 41.31
Mean y 69.89
RMS x 32.33
RMS y 70.65
side N [adc counts]
side P [adc counts]

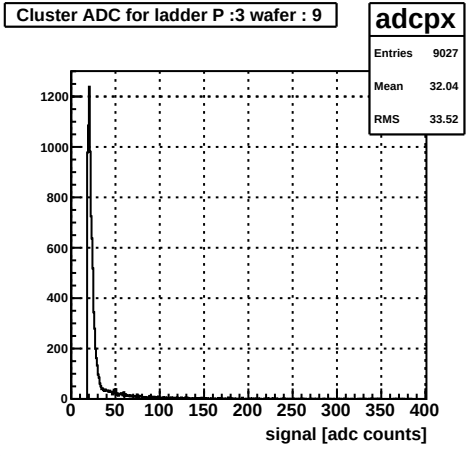

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 4833
Mean 31.63
RMS 14.42
signal [adc counts]

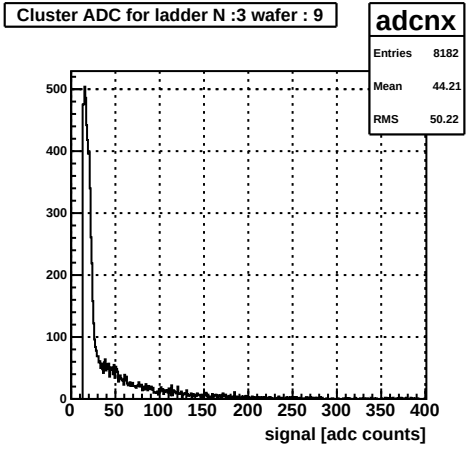

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 3527
Mean 46.2
RMS 52.62
signal [adc counts]

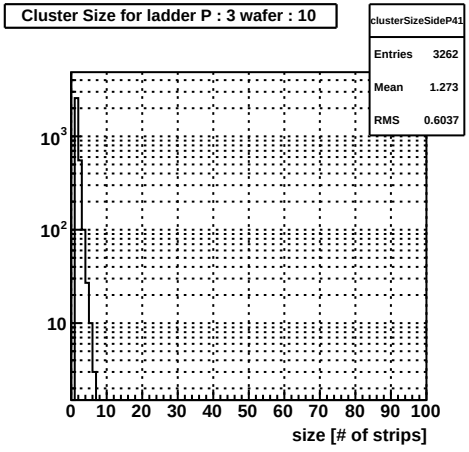

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 9027
Mean 1.093
RMS 0.3796
size [# of strips]

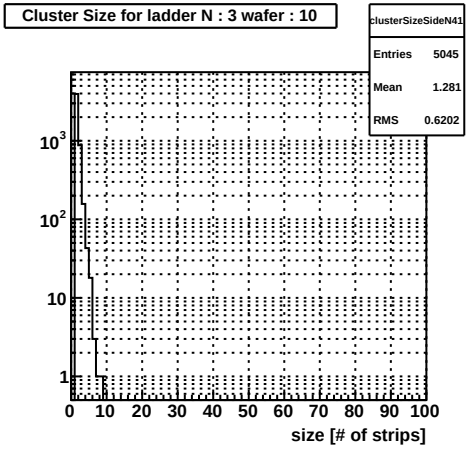

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 8182
Mean 1.389
RMS 1.121
size [# of strips]

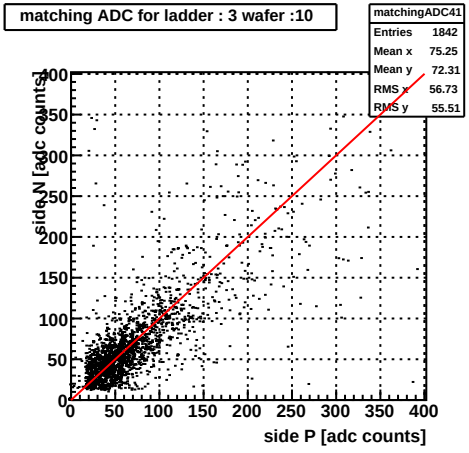

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 1066
Mean x 65.04
Mean y 57.3
RMS x 56.55
RMS y 51.97
side N [adc counts]
side P [adc counts]

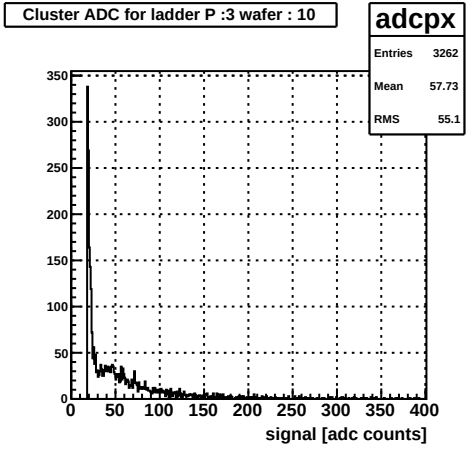

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 9027
Mean 32.04
RMS 33.52
signal [adc counts]

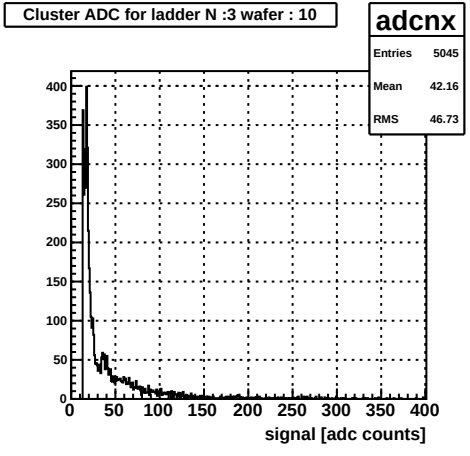

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 8182
Mean 44.21
RMS 50.22
signal [adc counts]

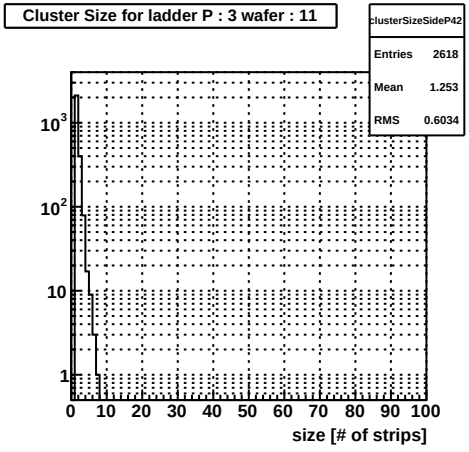

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 3262
Mean 1.273
RMS 0.6037
size [# of strips]

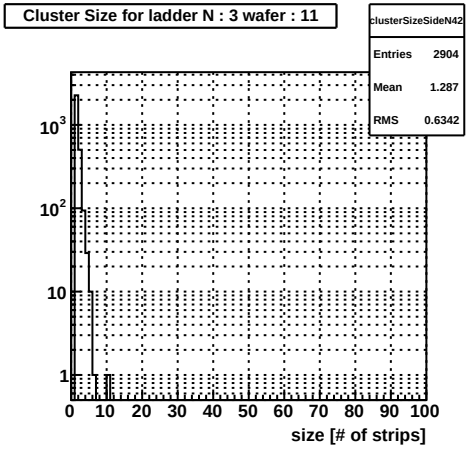

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 5045
Mean 1.281
RMS 0.6202
size [# of strips]

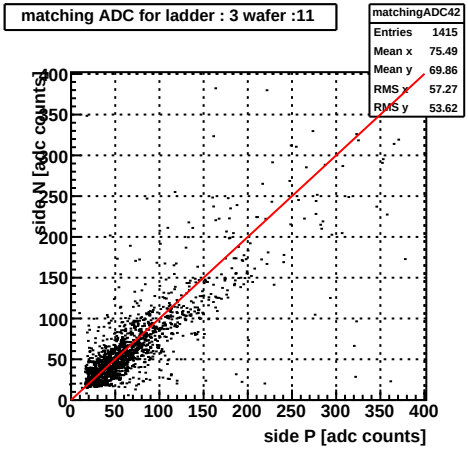

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 1842
Mean x 75.25
Mean y 72.31
RMS x 56.73
RMS y 55.51
side N [adc counts]
side P [adc counts]

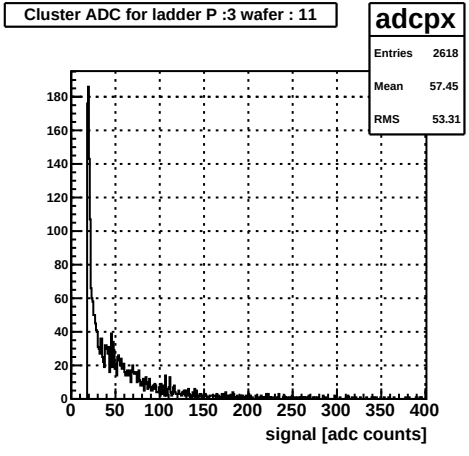

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 3262
Mean 57.73
RMS 55.1
signal [adc counts]

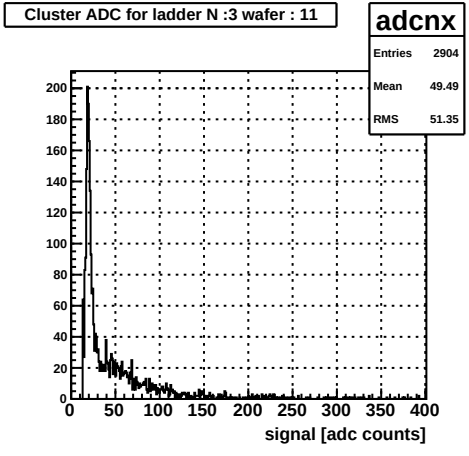

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 5045
Mean 42.16
RMS 46.73
signal [adc counts]

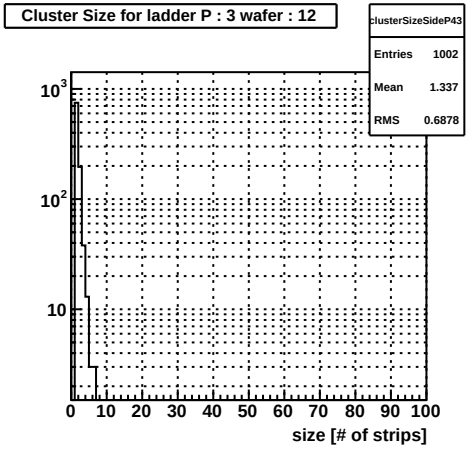

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 2618
Mean 1.253
RMS 0.6034
size [# of strips]

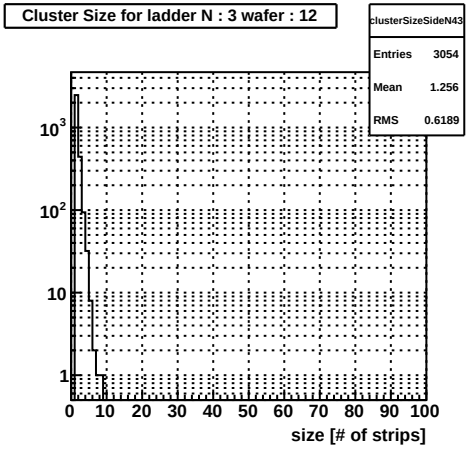

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 2904
Mean 1.287
RMS 0.6342
size [# of strips]

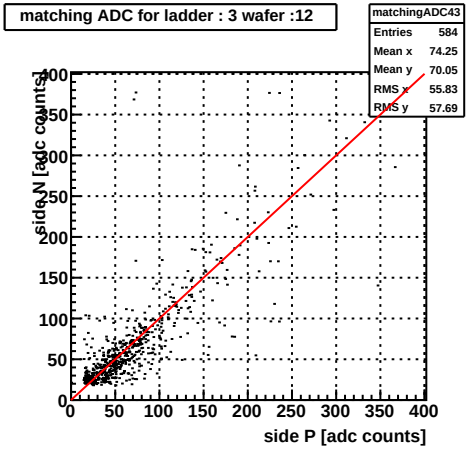

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 1415
Mean x 75.49
Mean y 69.86
RMS x 57.27
RMS y 53.62
side N [adc counts]
side P [adc counts]

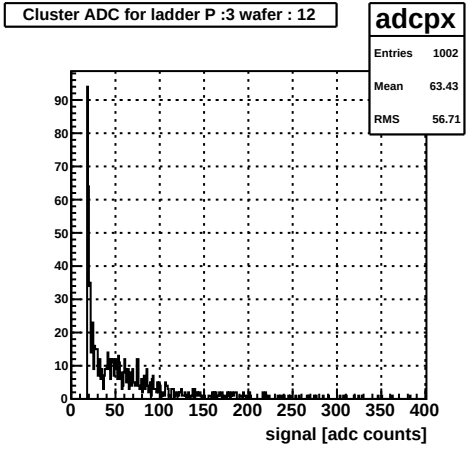

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 2618
Mean 57.45
RMS 53.31
signal [adc counts]

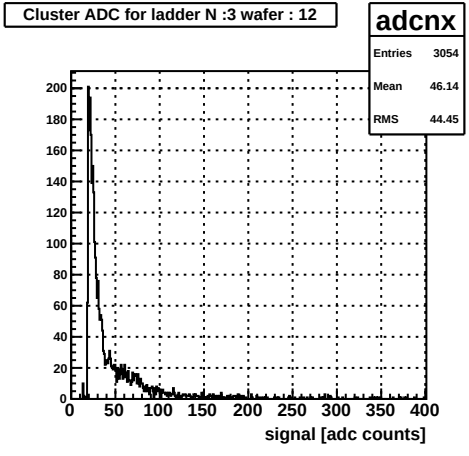

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 2904
Mean 49.49
RMS 51.35
signal [adc counts]

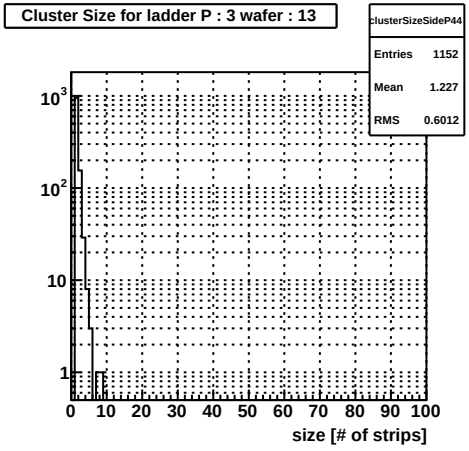

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 1002
Mean 1.337
RMS 0.6878
size [# of strips]

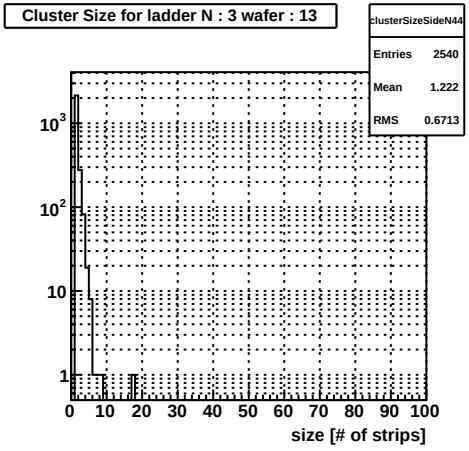

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 3054
Mean 1.256
RMS 0.6189
size [# of strips]

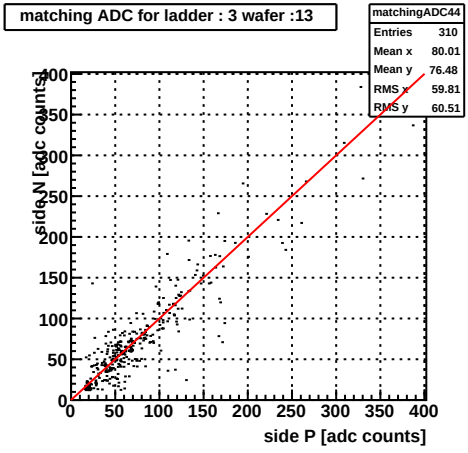

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 584
Mean x 74.25
Mean y 70.05
RMS x 55.83
RMS y 57.69
side N [adc counts]
side P [adc counts]

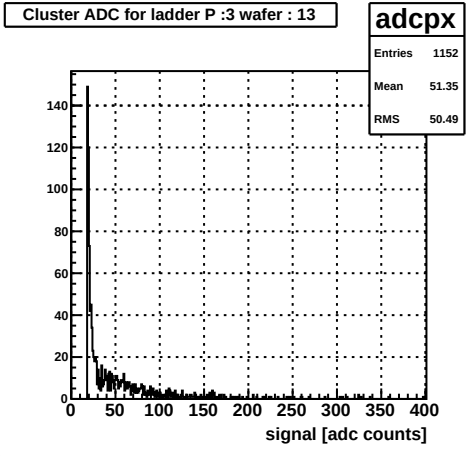

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 1002
Mean 63.43
RMS 56.71
signal [adc counts]

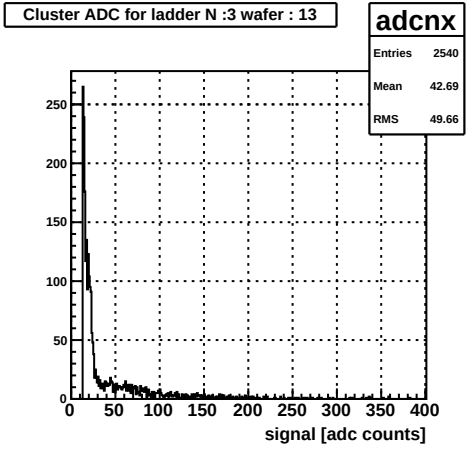

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 3054
Mean 46.14
RMS 44.45
signal [adc counts]

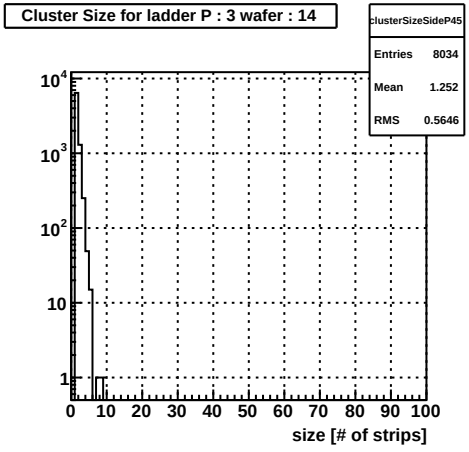

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 1152
Mean 1.227
RMS 0.6012
size [# of strips]

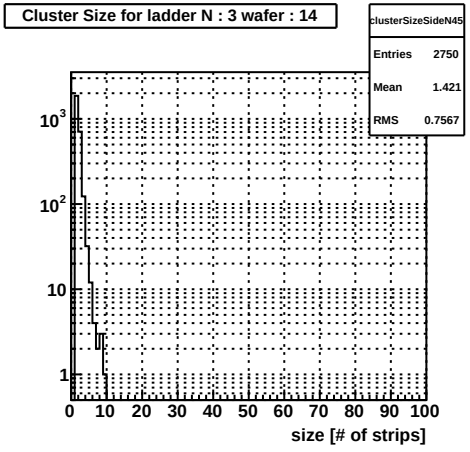

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2540
Mean 1.222
RMS 0.6713
size [# of strips]

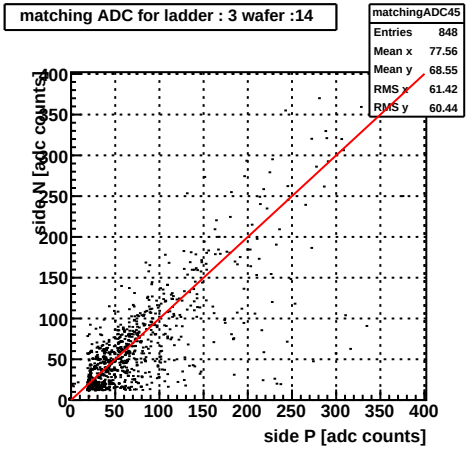

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 310
Mean x 80.01
Mean y 76.48
RMS x 59.81
RMS y 60.51
side N [adc counts]
side P [adc counts]

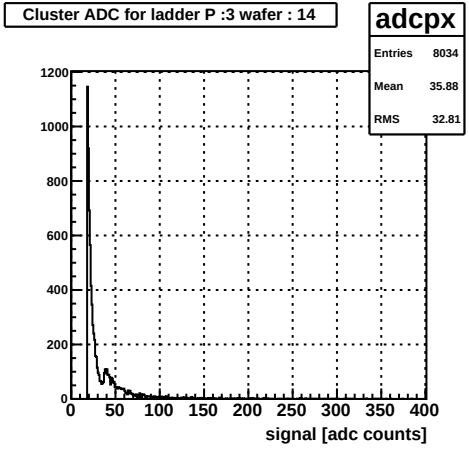

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 1152
Mean 51.35
RMS 50.49
signal [adc counts]

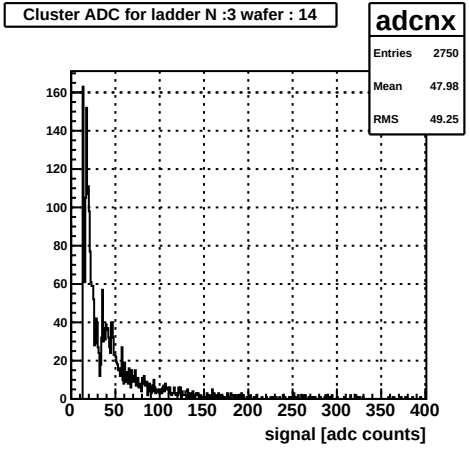

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2540
Mean 42.69
RMS 49.66
signal [adc counts]

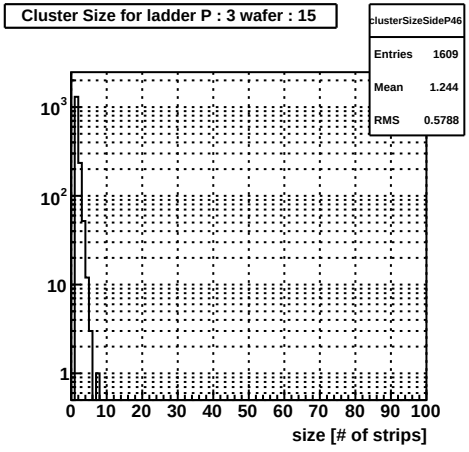

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 8034
Mean 1.252
RMS 0.5646
size [# of strips]

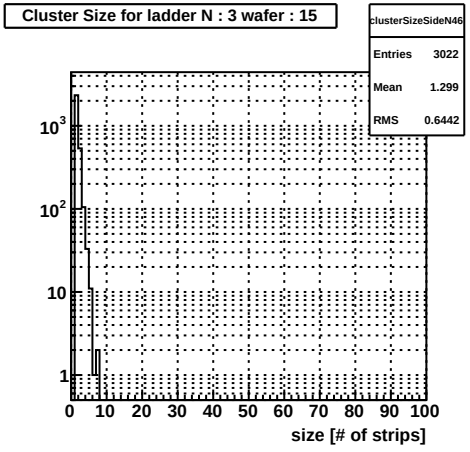

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2750
Mean 1.421
RMS 0.7567
size [# of strips]

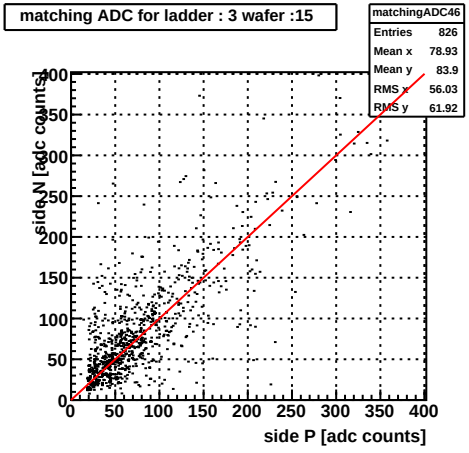

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 848
Mean x 77.56
Mean y 68.55
RMS x 61.42
RMS y 60.44
side N [adc counts]
side P [adc counts]

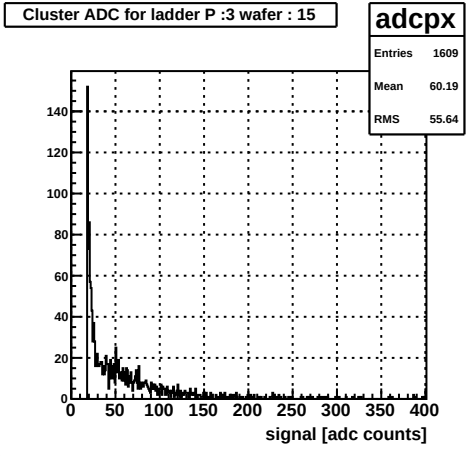

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 8034
Mean 35.88
RMS 32.81
signal [adc counts]

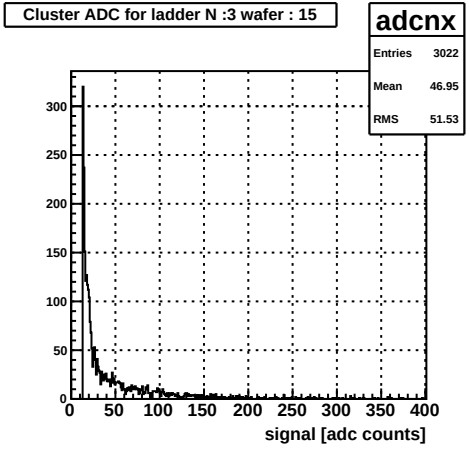

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2750
Mean 47.98
RMS 49.25
signal [adc counts]

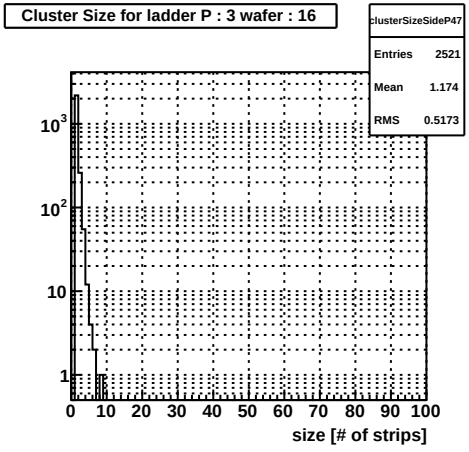

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 1609
Mean 1.244
RMS 0.5788
size [# of strips]

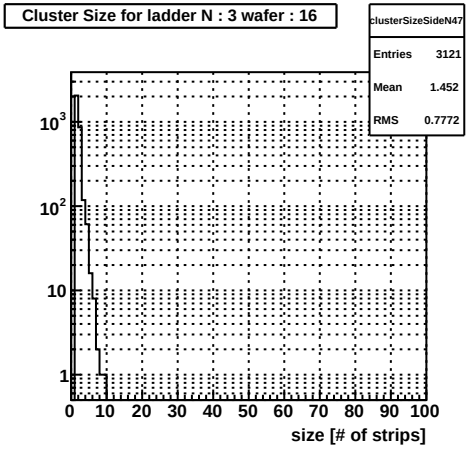

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 3022
Mean 1.299
RMS 0.6442
size [# of strips]

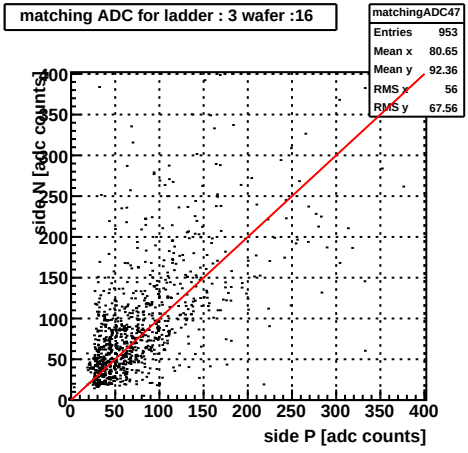

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 826
Mean x 78.93
Mean y 83.9
RMS x 56.03
RMS y 61.92
side N [adc counts]
side P [adc counts]

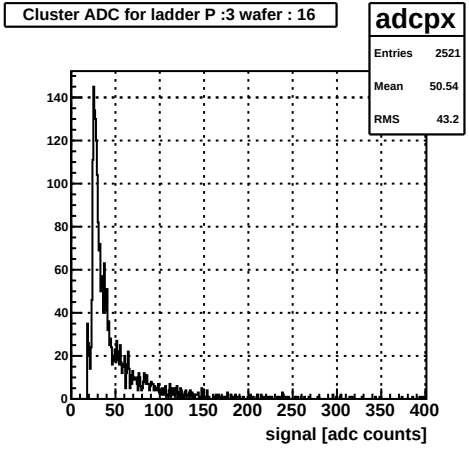

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 1609
Mean 60.19
RMS 55.64
signal [adc counts]

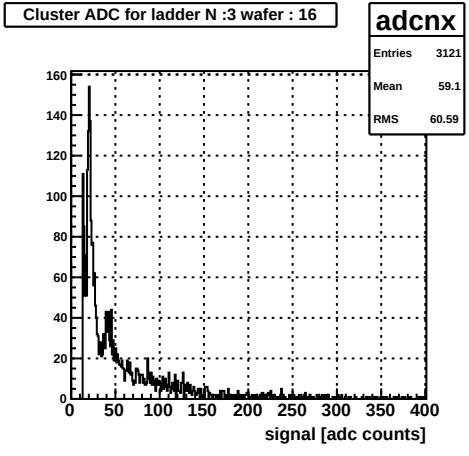

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 3022
Mean 46.95
RMS 51.53
signal [adc counts]

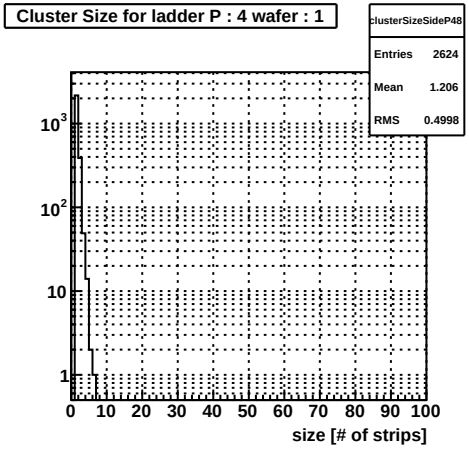

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 2521
Mean 1.174
RMS 0.5173
size [# of strips]

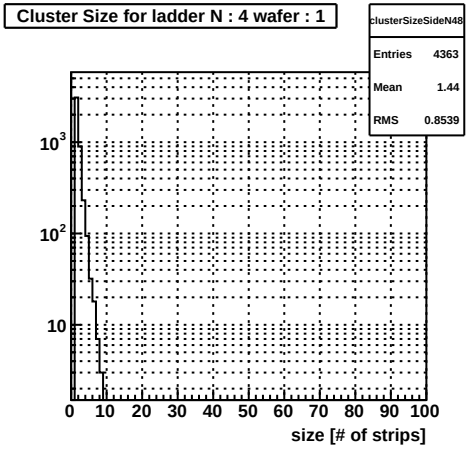

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 3121
Mean 1.452
RMS 0.7772
size [# of strips]

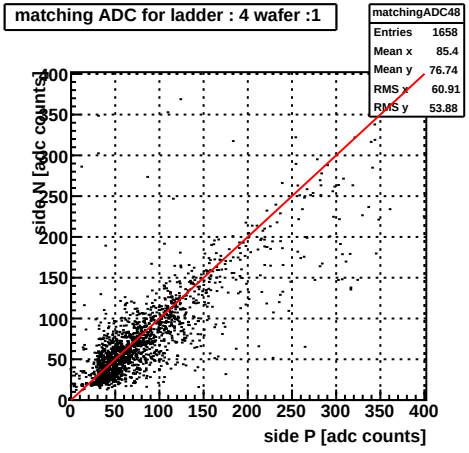

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 953
Mean x 80.65
Mean y 92.36
RMS x 56
RMS y 67.56
side N [adc counts]
side P [adc counts]

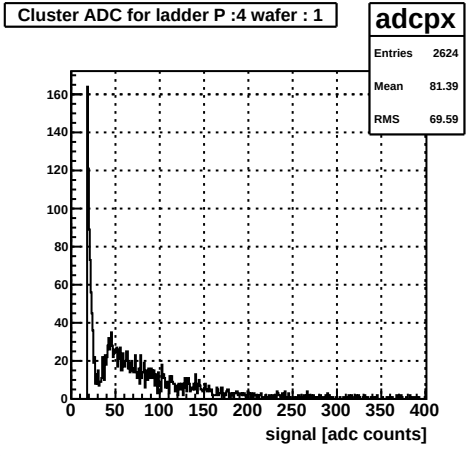

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 2521
Mean 50.54
RMS 43.2
signal [adc counts]

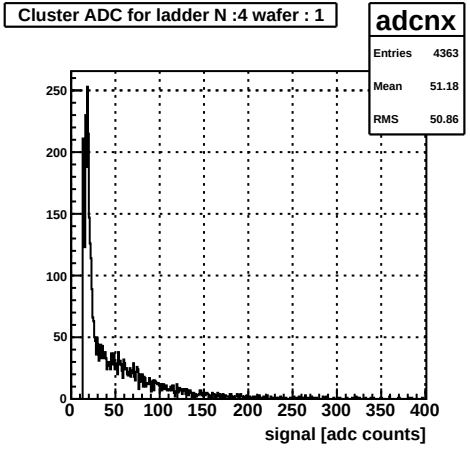

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 3121
Mean 59.1
RMS 60.59
signal [adc counts]

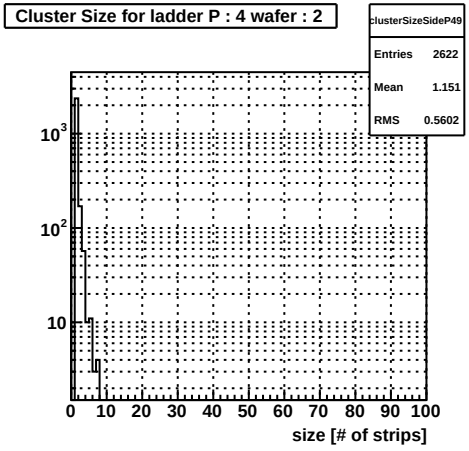

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 2624
Mean 1.206
RMS 0.4998
size [# of strips]

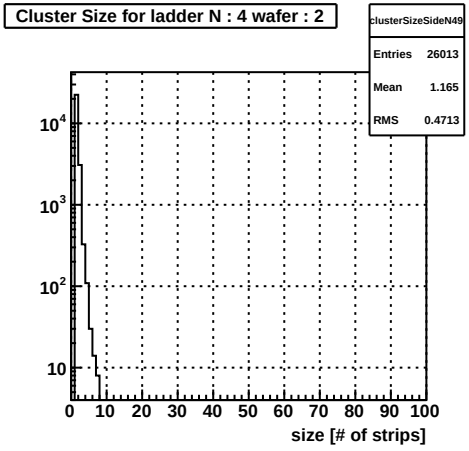

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 4363
Mean 1.44
RMS 0.8539
size [# of strips]

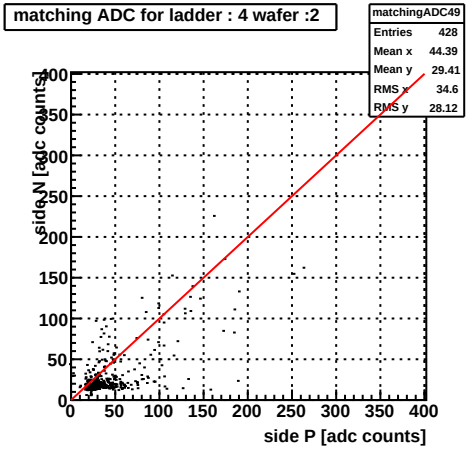

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 1658
Mean x 85.4
Mean y 76.74
RMS x 60.91
RMS y 53.88
side N [adc counts]
side P [adc counts]

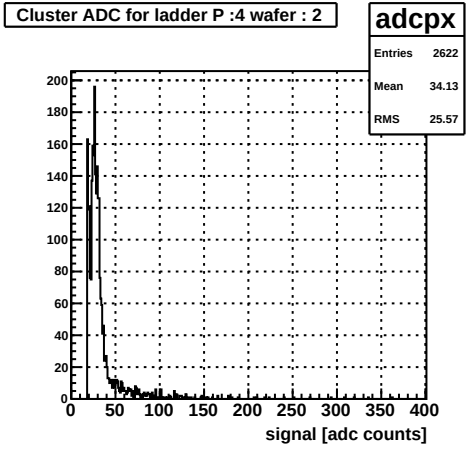

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 2624
Mean 81.39
RMS 69.59
signal [adc counts]

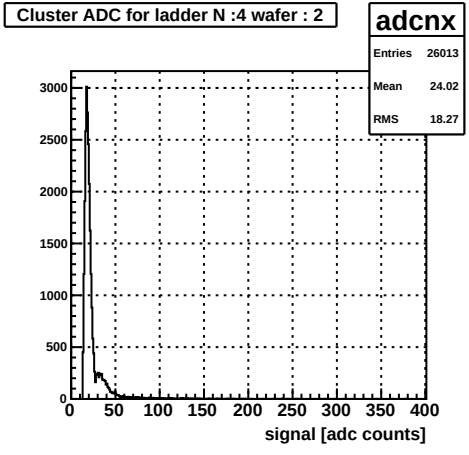

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 4363
Mean 51.18
RMS 50.86
signal [adc counts]

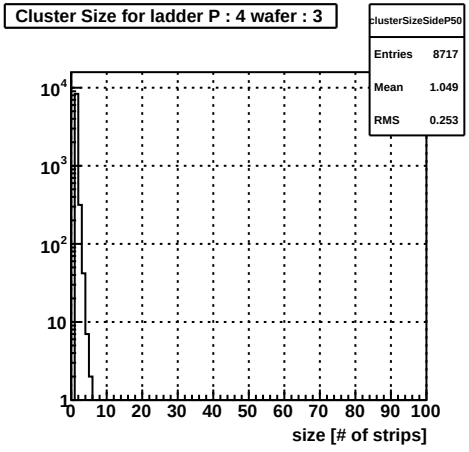

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 2622
Mean 1.151
RMS 0.5602
size [# of strips]

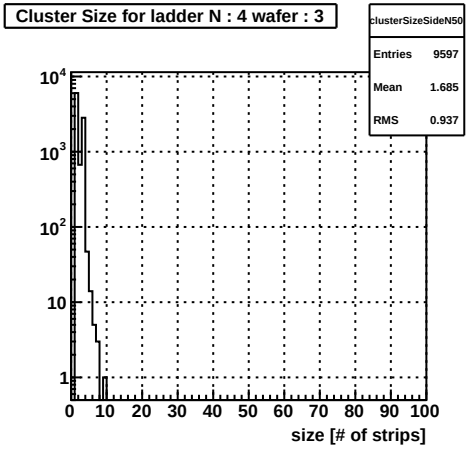

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 26013
Mean 1.165
RMS 0.4713
size [# of strips]

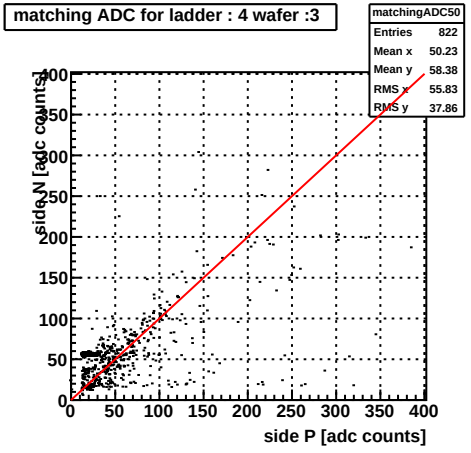

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 428
Mean x 44.39
Mean y 29.41
RMS x 34.6
RMS y 28.12
side N [adc counts]
side P [adc counts]

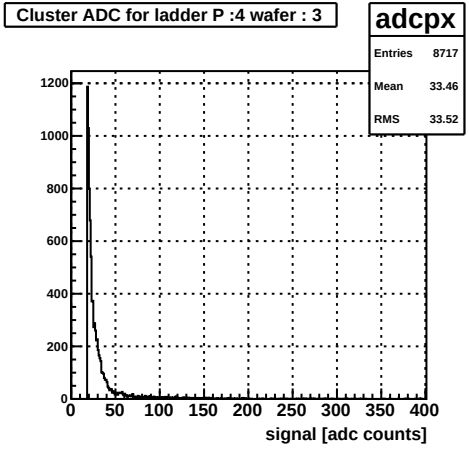

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 2622
Mean 34.13
RMS 25.57
signal [adc counts]

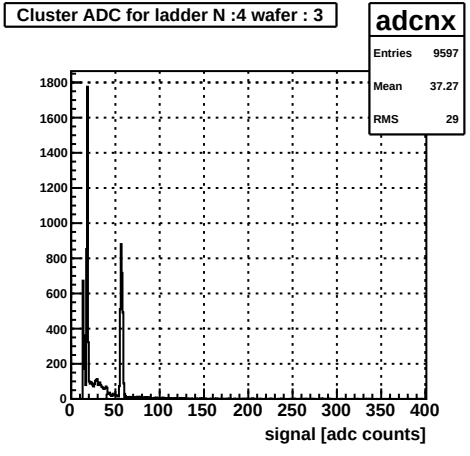

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 26013
Mean 24.02
RMS 18.27
signal [adc counts]

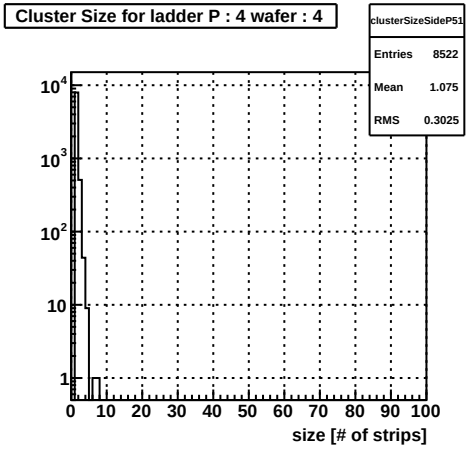

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 8717
Mean 1.049
RMS 0.253
size [# of strips]

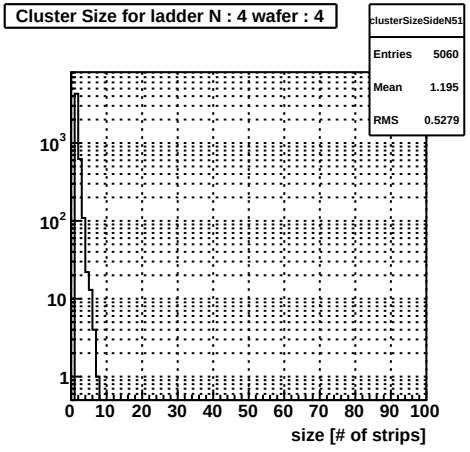

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 9597
Mean 1.685
RMS 0.937
size [# of strips]

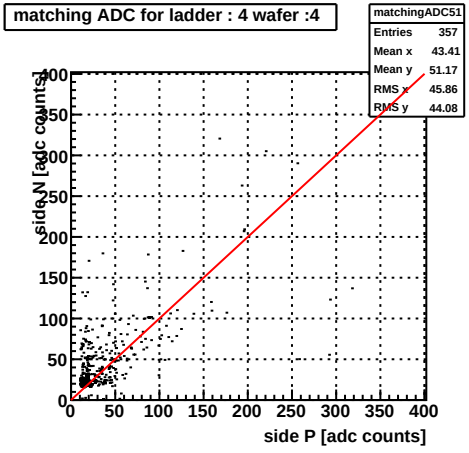

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 822
Mean x 50.23
Mean y 58.38
RMS x 55.83
RMS y 37.86
side N [adc counts]
side P [adc counts]

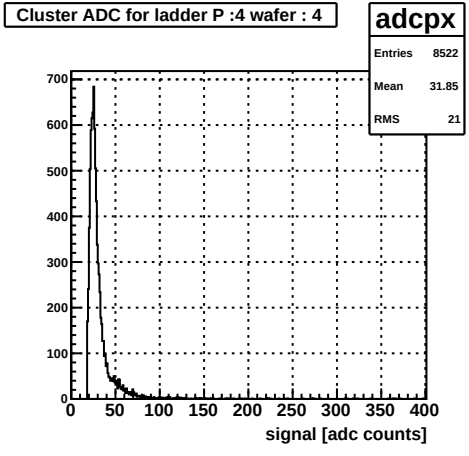

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 8717
Mean 33.46
RMS 33.52
signal [adc counts]

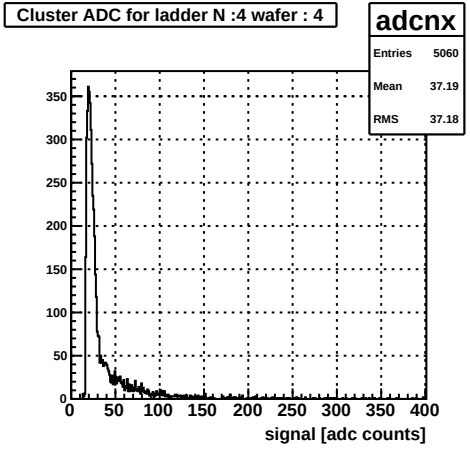

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 9597
Mean 37.27
RMS 29
signal [adc counts]

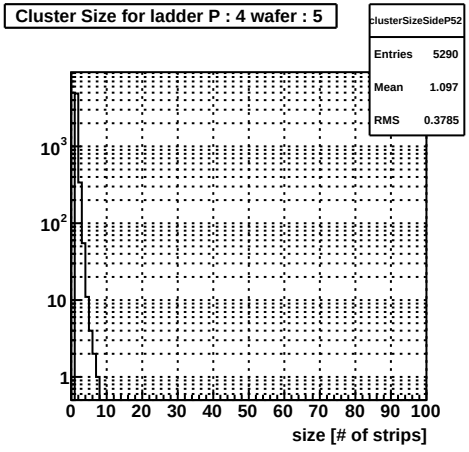

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 8522
Mean 1.075
RMS 0.3025
size [# of strips]

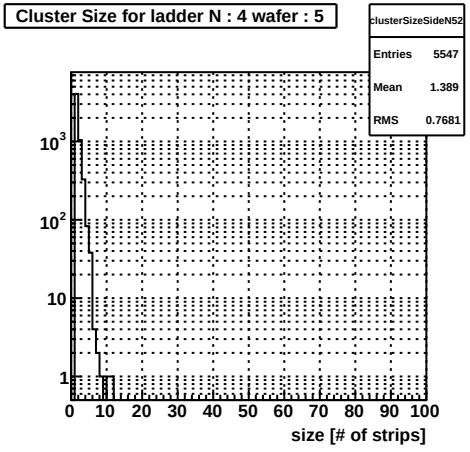

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 5060
Mean 1.195
RMS 0.5279
size [# of strips]

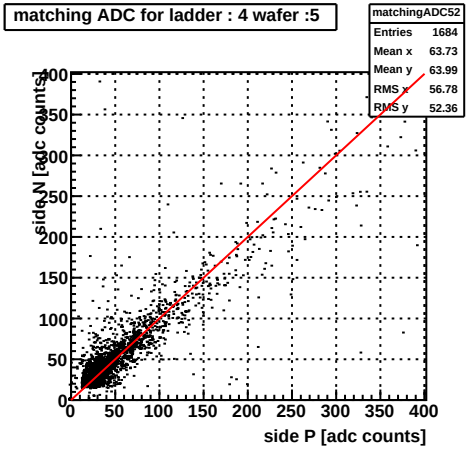

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 357
Mean x 43.41
Mean y 51.17
RMS x 45.86
RMS y 44.08
side N [adc counts]
side P [adc counts]

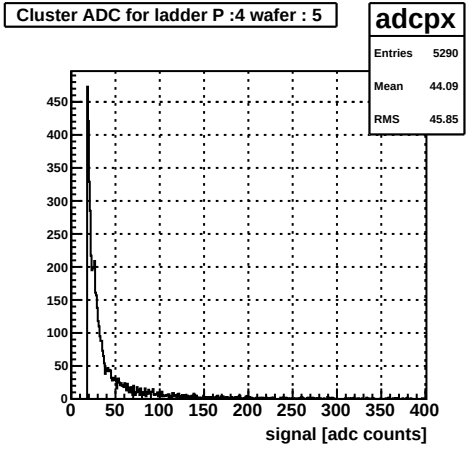

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 8522
Mean 31.85
RMS 21
signal [adc counts]

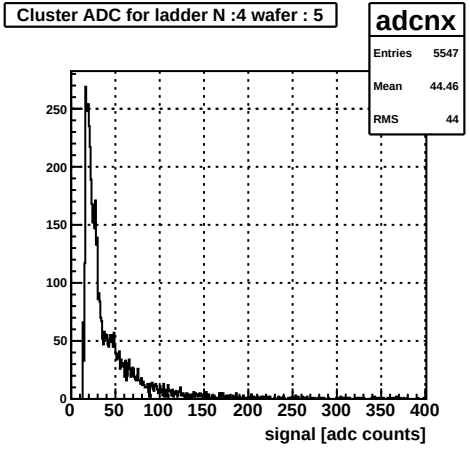

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 5060
Mean 37.19
RMS 37.18
signal [adc counts]

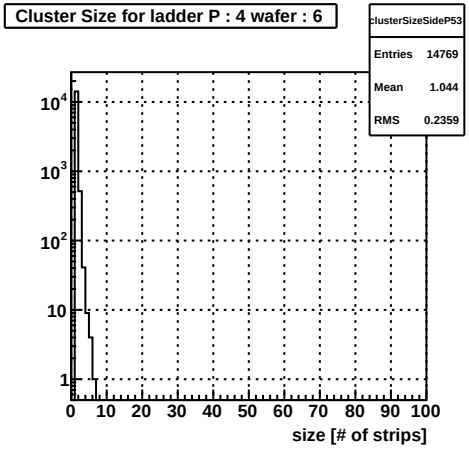

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 5290
Mean 1.097
RMS 0.3785
size [# of strips]

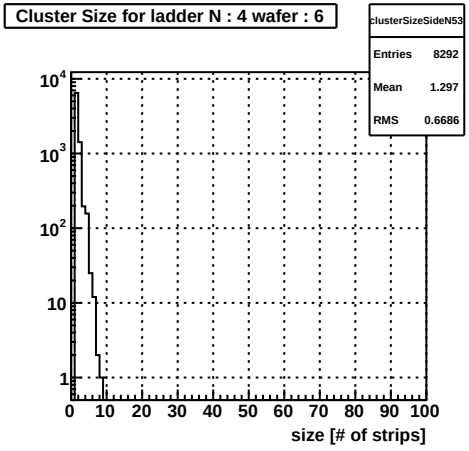

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 5547
Mean 1.389
RMS 0.7681
size [# of strips]

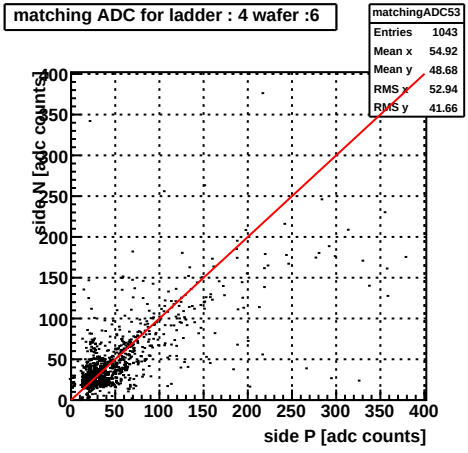

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 1684
Mean x 63.73
Mean y 63.99
RMS x 56.78
RMS y 52.36
side N [adc counts]
side P [adc counts]

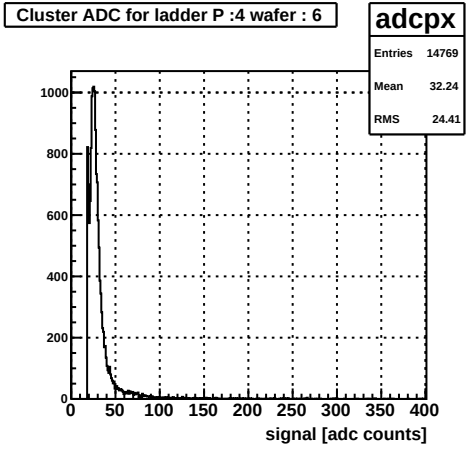

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 5290
Mean 44.09
RMS 45.85
signal [adc counts]

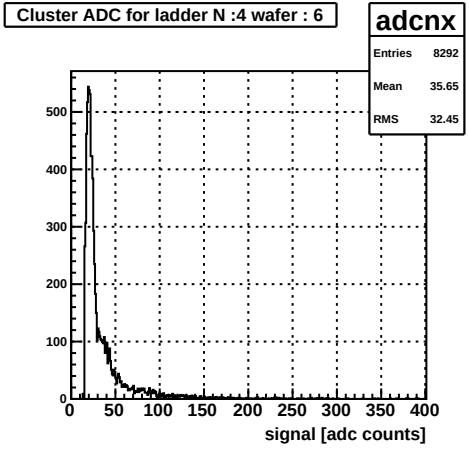

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 5547
Mean 44.46
RMS 44
signal [adc counts]

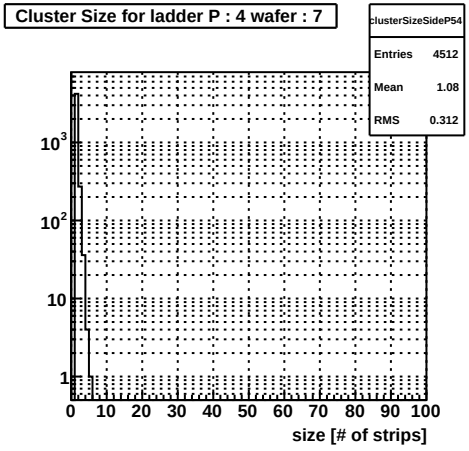

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 14769
Mean 1.044
RMS 0.2359
size [# of strips]

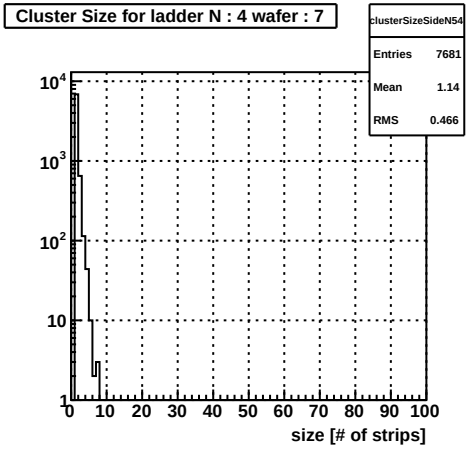

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 8292
Mean 1.297
RMS 0.6686
size [# of strips]

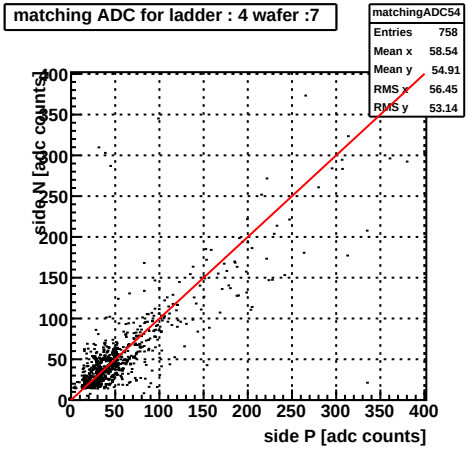

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 1043
Mean x 54.92
Mean y 48.68
RMS x 52.94
RMS y 41.66
side N [adc counts]
side P [adc counts]

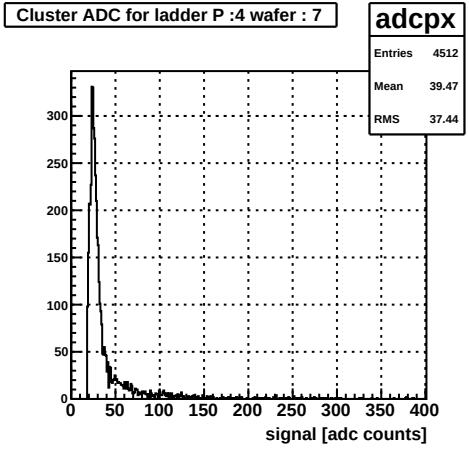

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 14769
Mean 32.24
RMS 24.41
signal [adc counts]

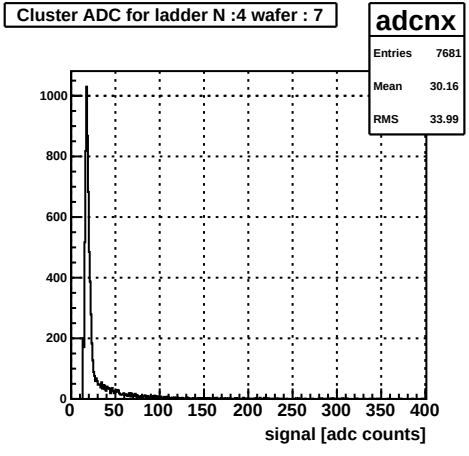

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 8292
Mean 35.65
RMS 32.45
signal [adc counts]

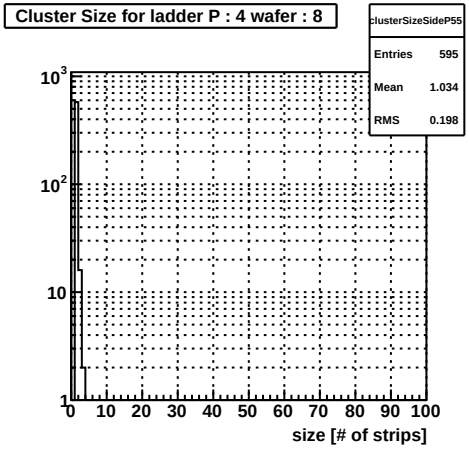

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 4512
Mean 1.08
RMS 0.312
size [# of strips]

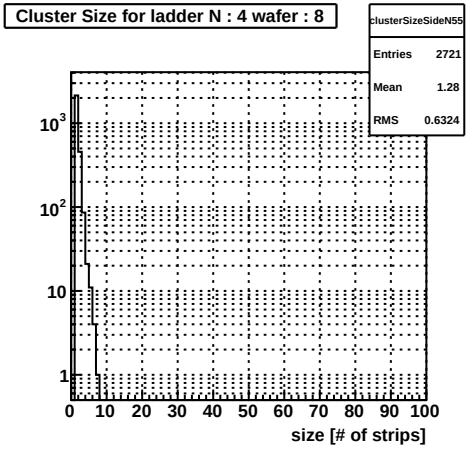

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 7681
Mean 1.14
RMS 0.466
size [# of strips]

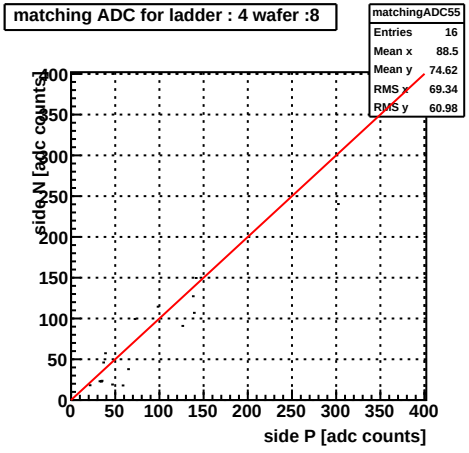

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 758
Mean x 58.54
Mean y 54.91
RMS x 56.45
RMS y 53.14
side N [adc counts]
side P [adc counts]

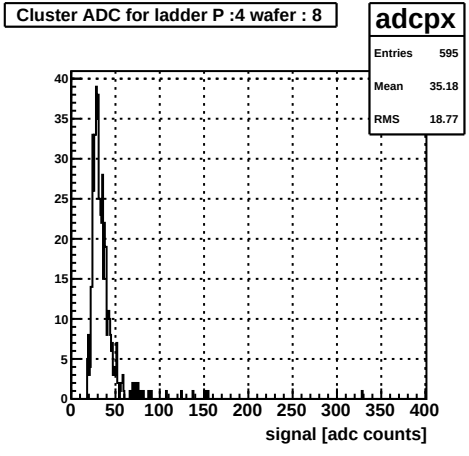

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 4512
Mean 39.47
RMS 37.44
signal [adc counts]

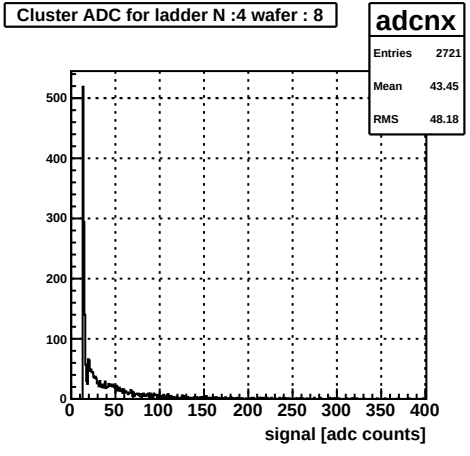

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 7681
Mean 30.16
RMS 33.99
signal [adc counts]

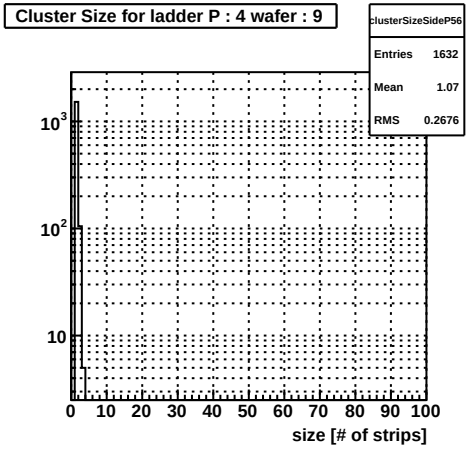

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 595
Mean 1.034
RMS 0.198
size [# of strips]

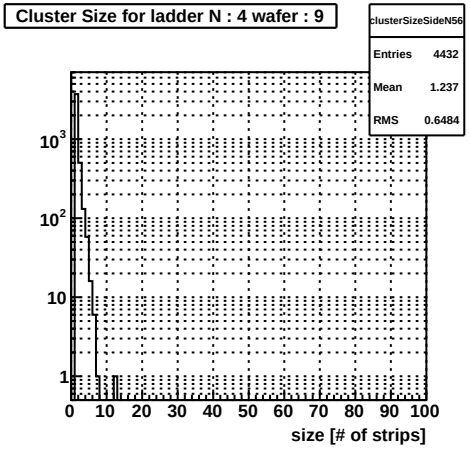

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 2721
Mean 1.28
RMS 0.6324
size [# of strips]

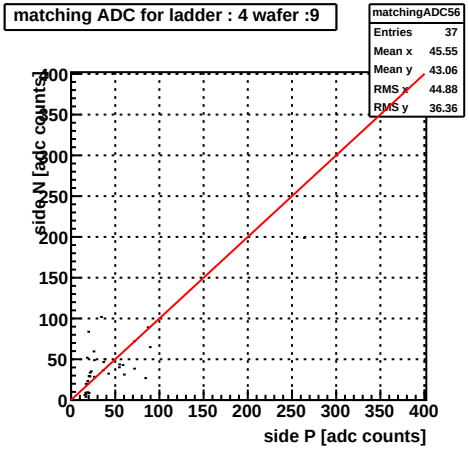

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 16
Mean x 88.5
Mean y 74.62
RMS x 69.34
RMS y 60.98
side N [adc counts]
side P [adc counts]

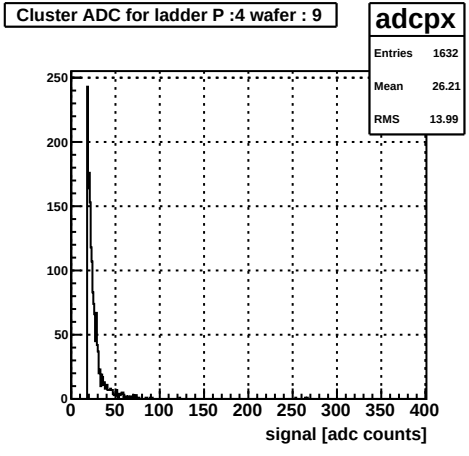

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 595
Mean 35.18
RMS 18.77
signal [adc counts]

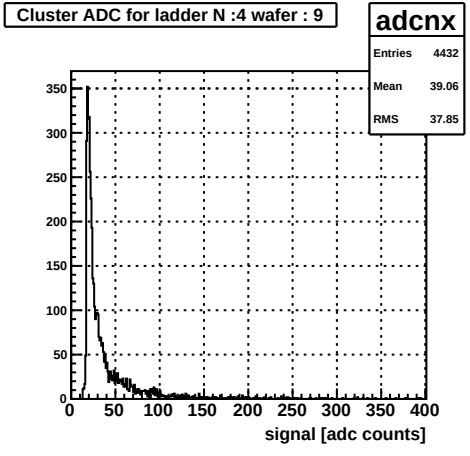

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 2721
Mean 43.45
RMS 48.18
signal [adc counts]

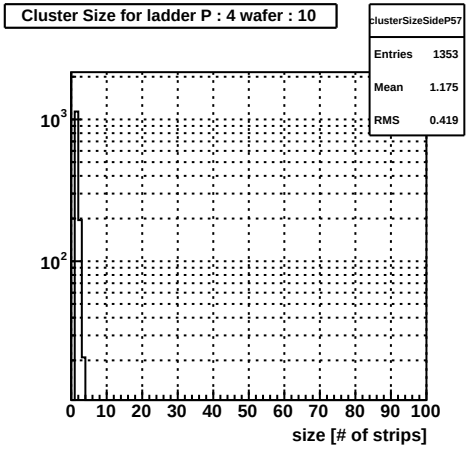

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1632
Mean 1.07
RMS 0.2676
size [# of strips]

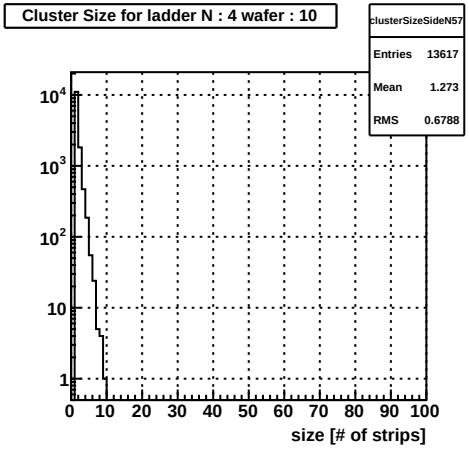

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 4432
Mean 1.237
RMS 0.6484
size [# of strips]

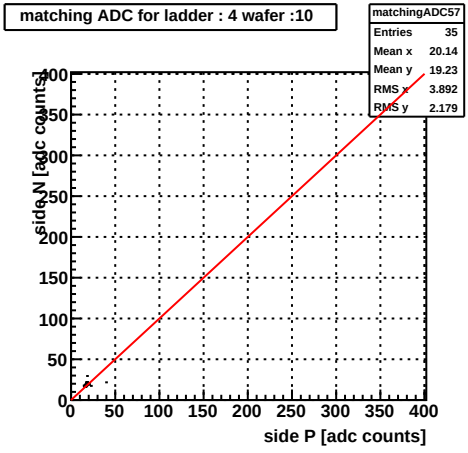

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 37
Mean x 45.55
Mean y 43.06
RMS x 44.88
RMS y 36.36
side N [adc counts]
side P [adc counts]

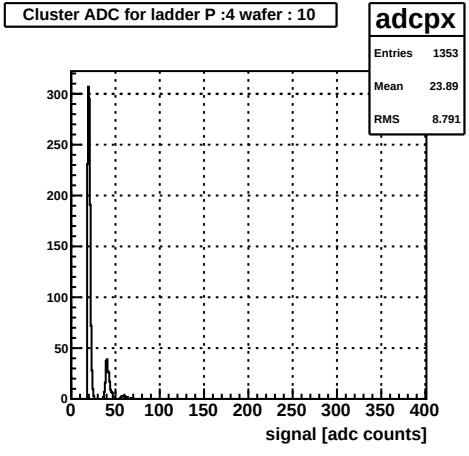

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1632
Mean 26.21
RMS 13.99
signal [adc counts]

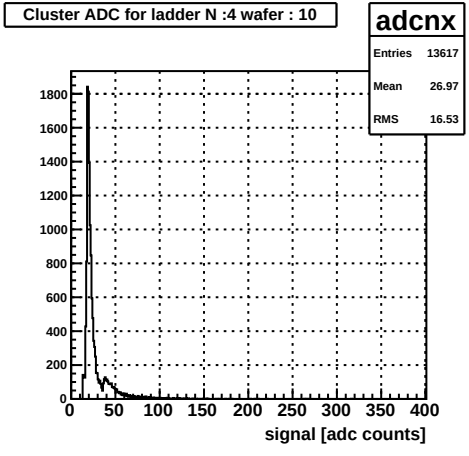

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 4432
Mean 39.06
RMS 37.85
signal [adc counts]

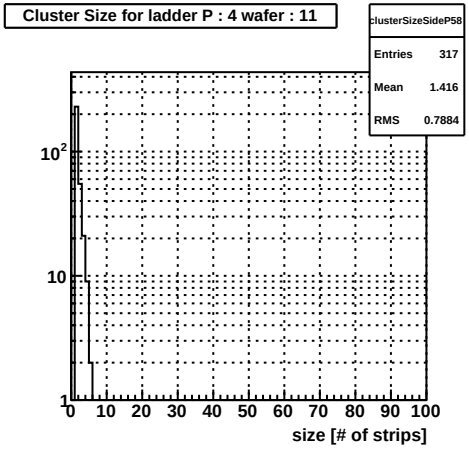

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1353
Mean 1.175
RMS 0.419
size [# of strips]

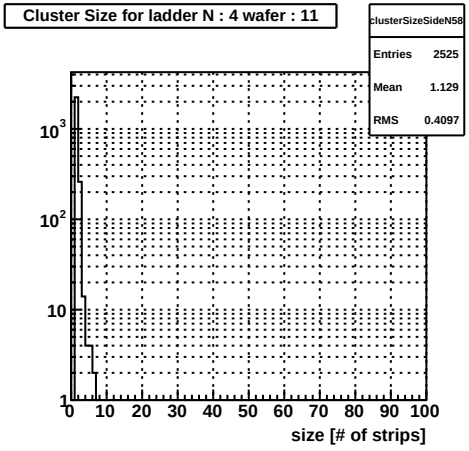

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 13617
Mean 1.273
RMS 0.6788
size [# of strips]

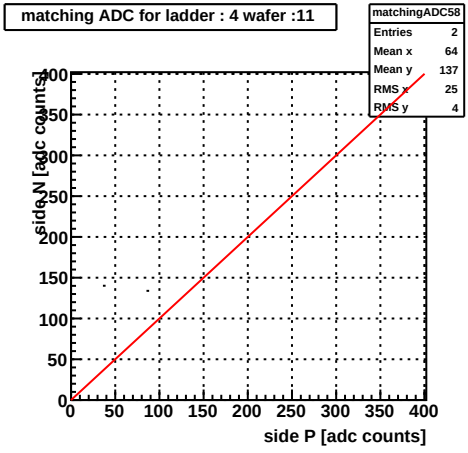

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 35
Mean x 20.14
Mean y 19.23
RMS x 3.892
RMS y 2.179
side N [adc counts]
side P [adc counts]

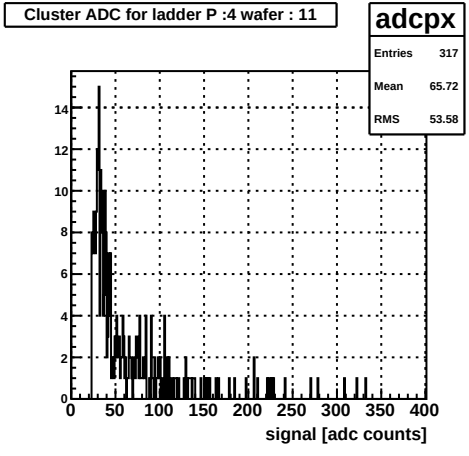

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1353
Mean 23.89
RMS 8.791
signal [adc counts]

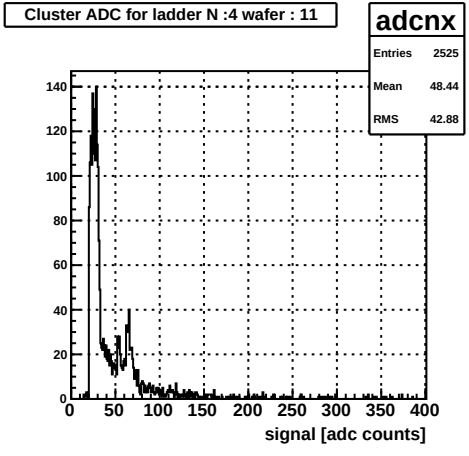

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 13617
Mean 26.97
RMS 16.53
signal [adc counts]

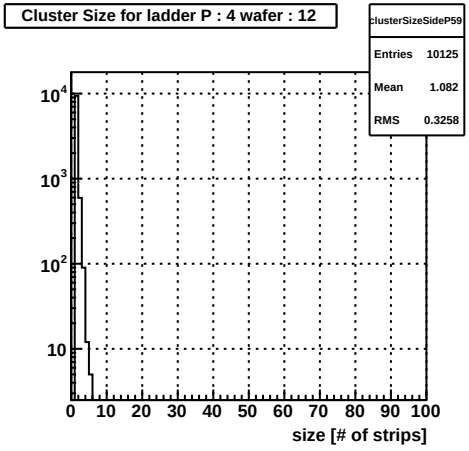

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 317
Mean 1.416
RMS 0.7884
size [# of strips]

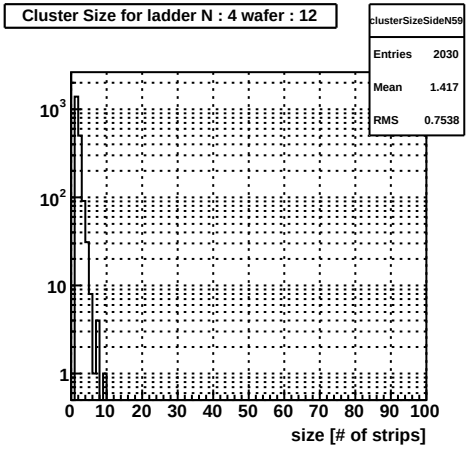

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 2525
Mean 1.129
RMS 0.4097
size [# of strips]

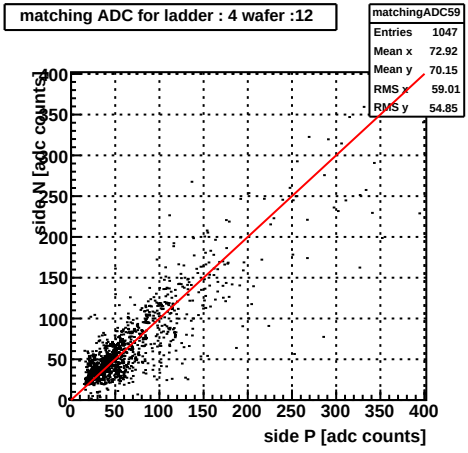

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 2
Mean x 64
Mean y 137
RMS x 25
RMS y 4
side N [adc counts]
side P [adc counts]

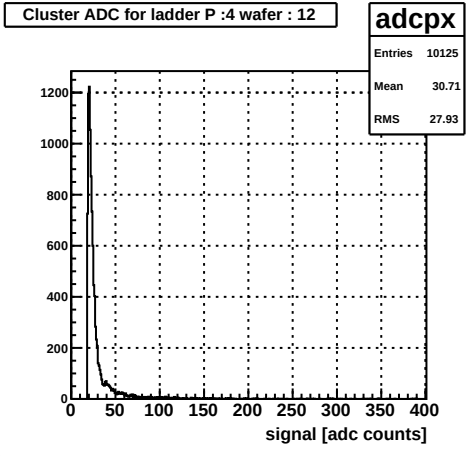

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 317
Mean 65.72
RMS 53.58
signal [adc counts]

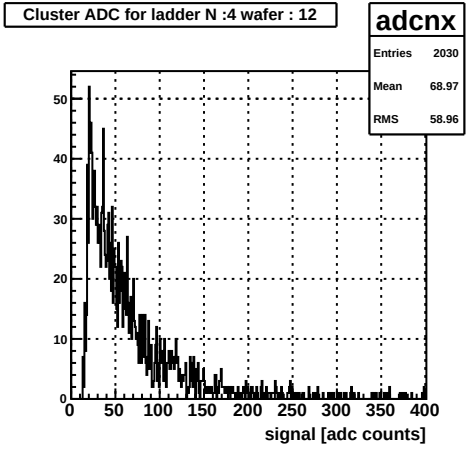

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 2525
Mean 48.44
RMS 42.88
signal [adc counts]

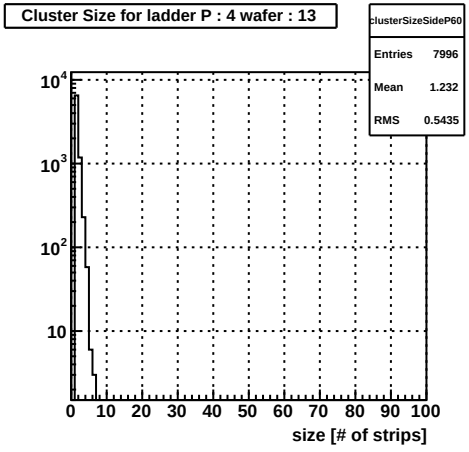

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 10125
Mean 1.082
RMS 0.3258
size [# of strips]

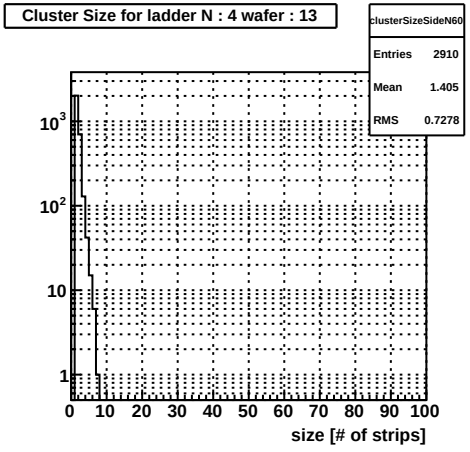

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 2030
Mean 1.417
RMS 0.7538
size [# of strips]

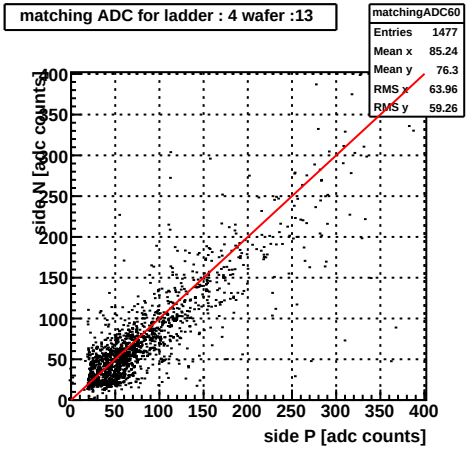

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 1047
Mean x 72.92
Mean y 70.15
RMS x 59.01
RMS y 54.85
side N [adc counts]
side P [adc counts]

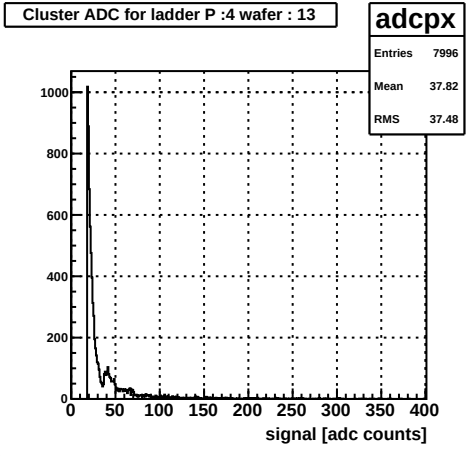

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 10125
Mean 30.71
RMS 27.93
signal [adc counts]

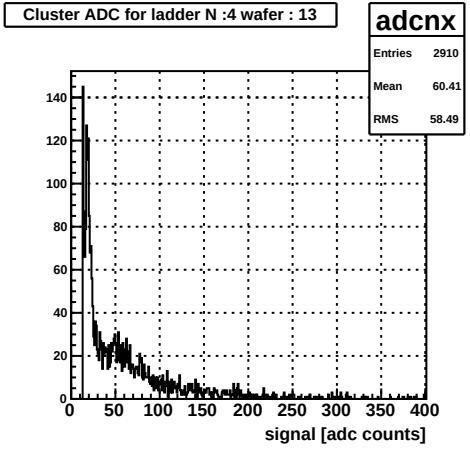

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 2030
Mean 68.97
RMS 58.96
signal [adc counts]

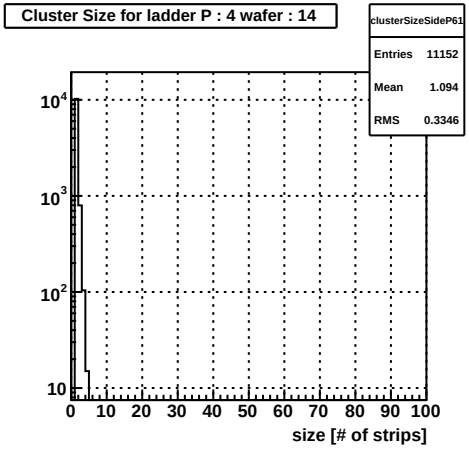

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 7996
Mean 1.232
RMS 0.5435
size [# of strips]

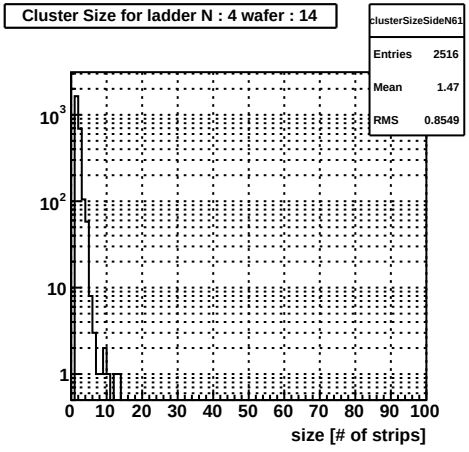

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 2910
Mean 1.405
RMS 0.7278
size [# of strips]

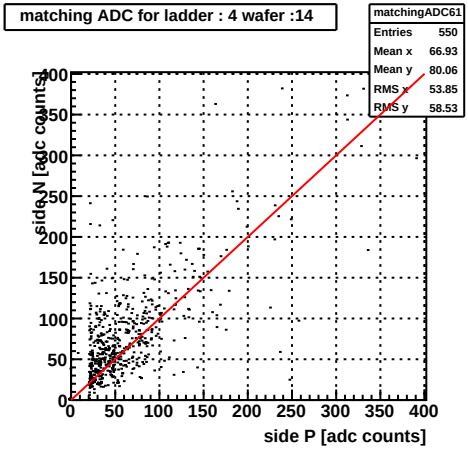

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 1477
Mean x 85.24
Mean y 76.3
RMS x 63.96
RMS y 59.26
side N [adc counts]
side P [adc counts]

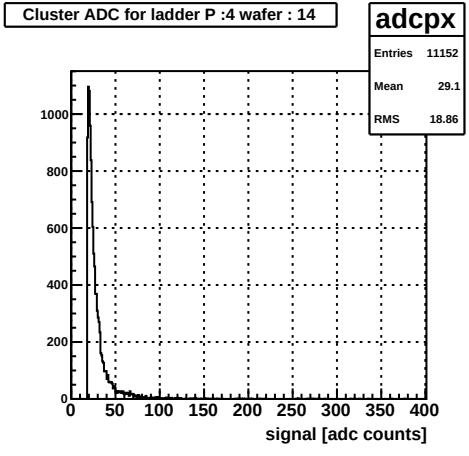

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 7996
Mean 37.82
RMS 37.48
signal [adc counts]

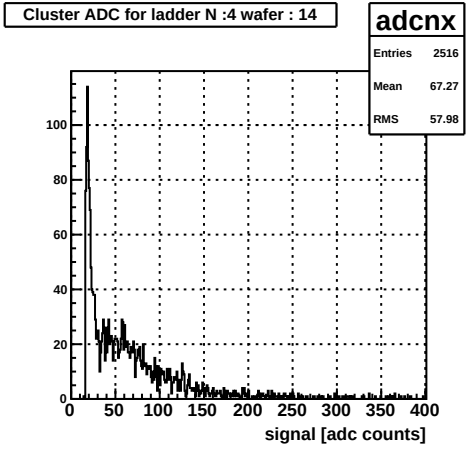

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 2910
Mean 60.41
RMS 58.49
signal [adc counts]

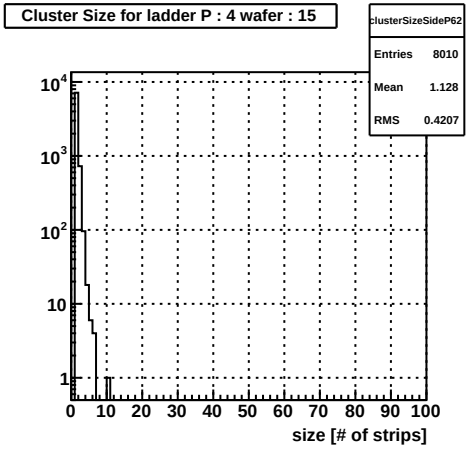

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 11152
Mean 1.094
RMS 0.3346
size [# of strips]

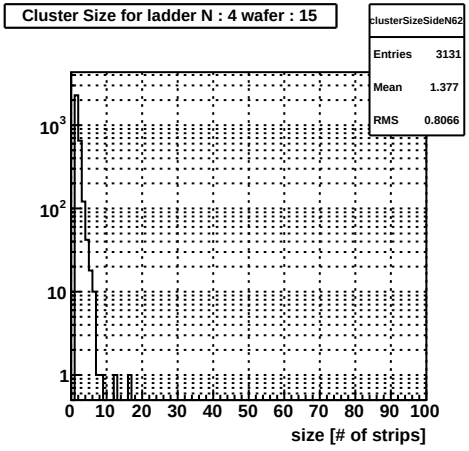

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 2516
Mean 1.47
RMS 0.8549
size [# of strips]

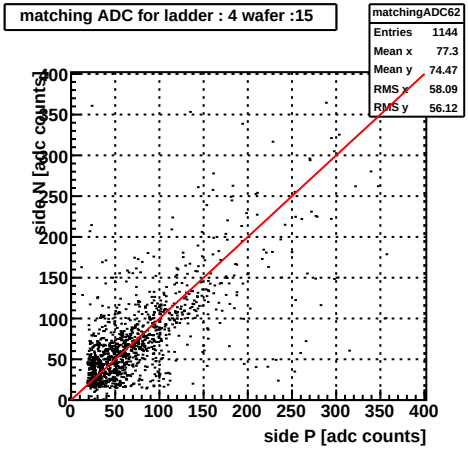

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 550
Mean x 66.93
Mean y 80.06
RMS x 53.85
RMS y 58.53
side N [adc counts]
side P [adc counts]

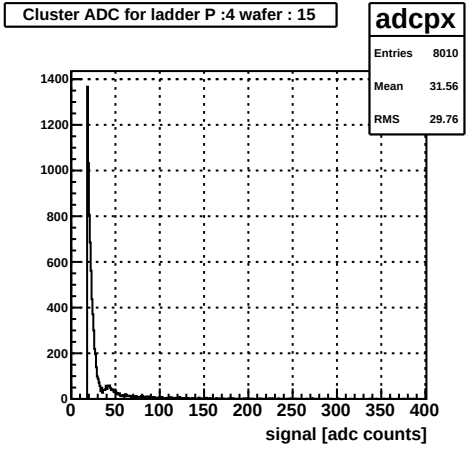

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 11152
Mean 29.1
RMS 18.86
signal [adc counts]

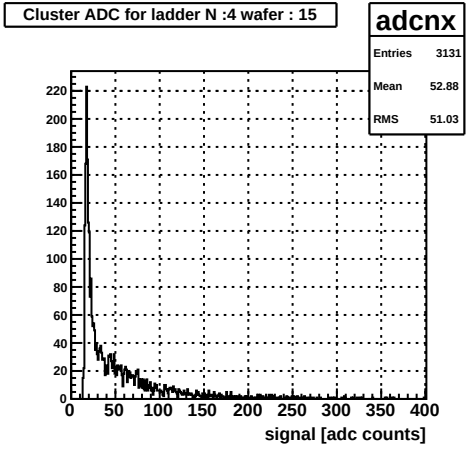

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 2516
Mean 67.27
RMS 57.98
signal [adc counts]

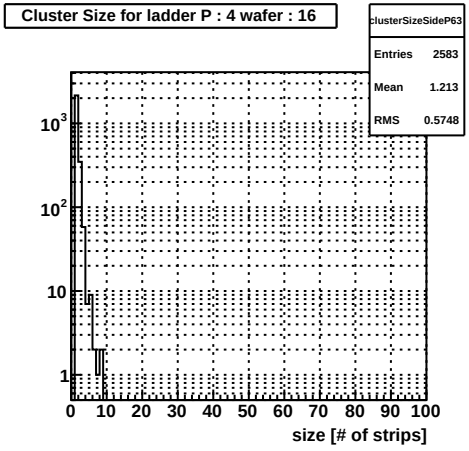

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 8010
Mean 1.128
RMS 0.4207
size [# of strips]

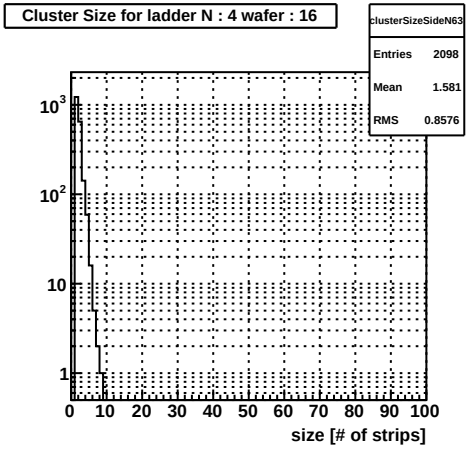

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 3131
Mean 1.377
RMS 0.8066
size [# of strips]

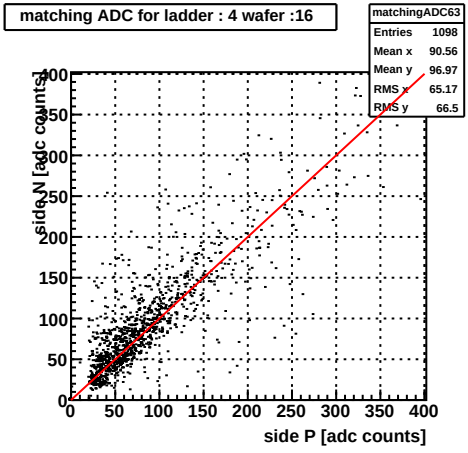

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 1144
Mean x 77.3
Mean y 74.47
RMS x 58.09
RMS y 56.12
side N [adc counts]
side P [adc counts]

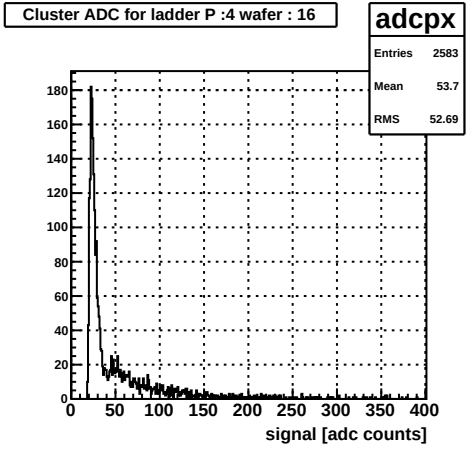

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 8010
Mean 31.56
RMS 29.76
signal [adc counts]

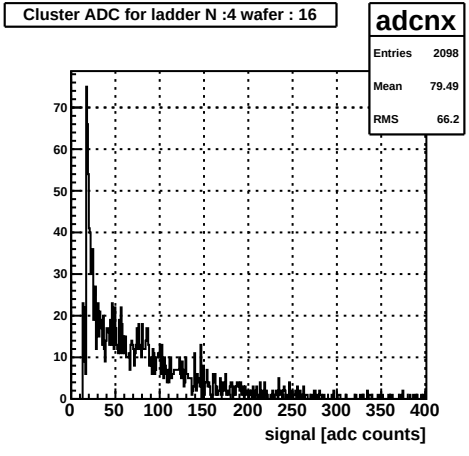

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 3131
Mean 52.88
RMS 51.03
signal [adc counts]

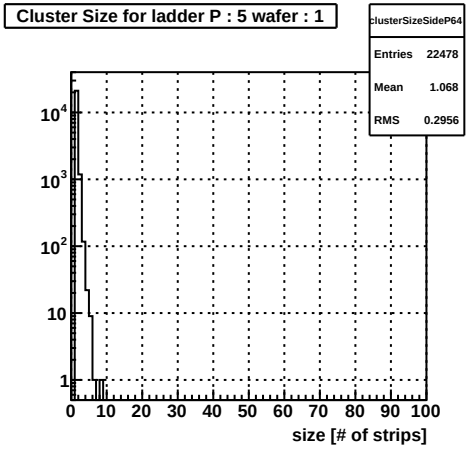

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 2583
Mean 1.213
RMS 0.5748
size [# of strips]

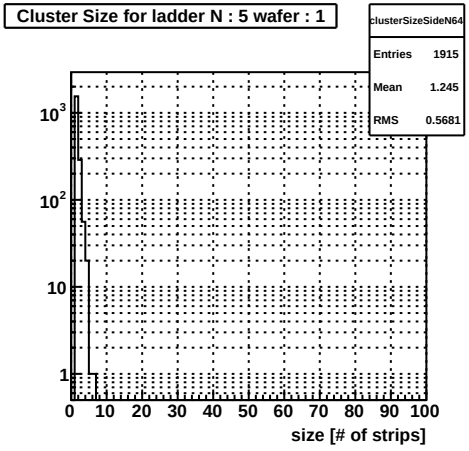

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 2098
Mean 1.581
RMS 0.8576
size [# of strips]

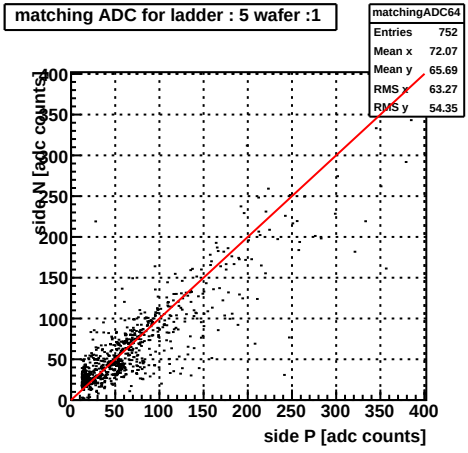

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 1098
Mean x 90.56
Mean y 96.97
RMS x 65.17
RMS y 66.5
side N [adc counts]
side P [adc counts]

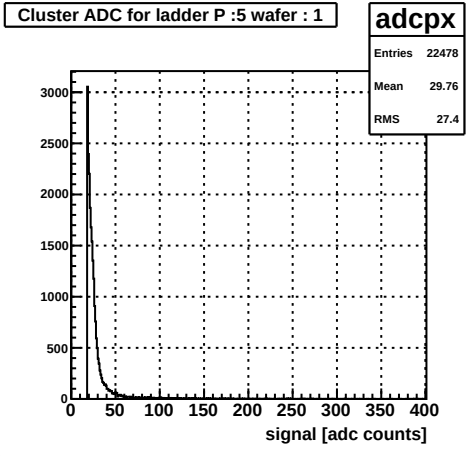

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 2583
Mean 53.7
RMS 52.69
signal [adc counts]

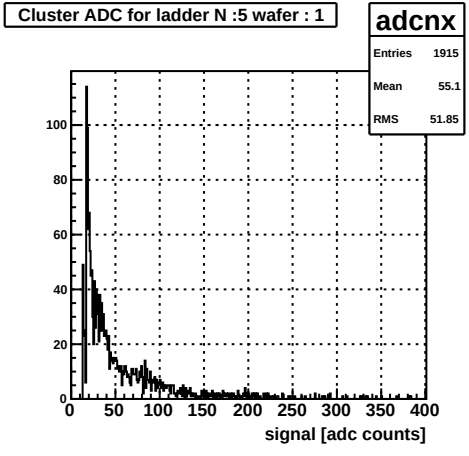

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 2098
Mean 79.49
RMS 66.2
signal [adc counts]

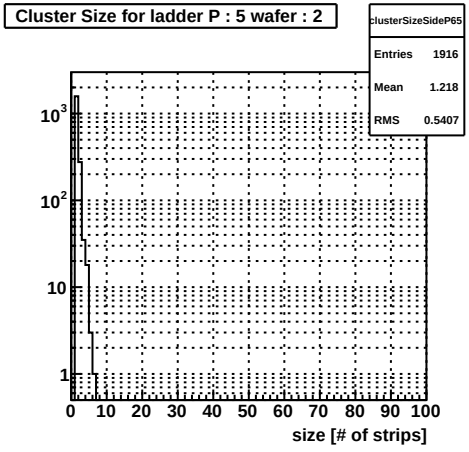

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 22478
Mean 1.068
RMS 0.2956
size [# of strips]

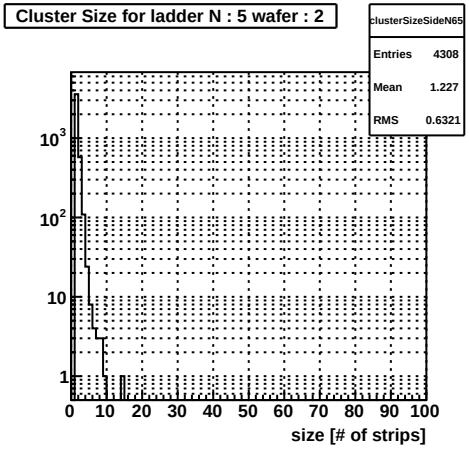

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1915
Mean 1.245
RMS 0.5681
size [# of strips]

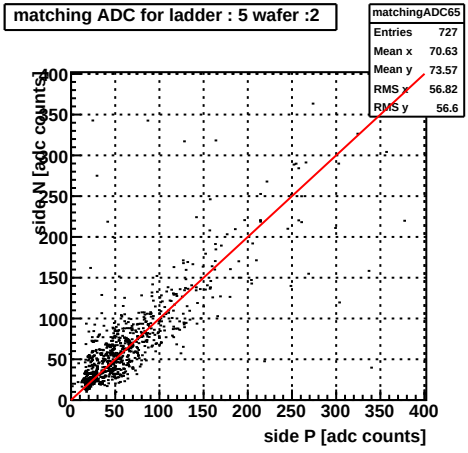

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 752
Mean x 72.07
Mean y 65.69
RMS x 63.27
RMS y 54.35
side N [adc counts]
side P [adc counts]

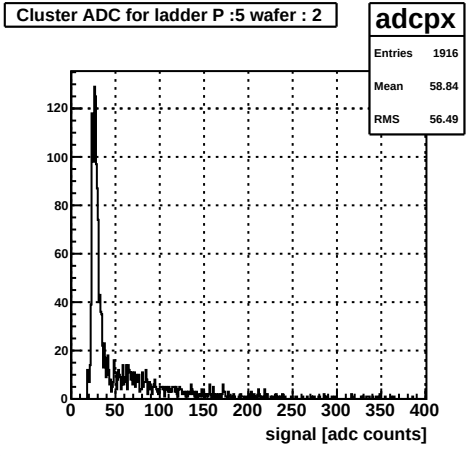

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 22478
Mean 29.76
RMS 27.4
signal [adc counts]

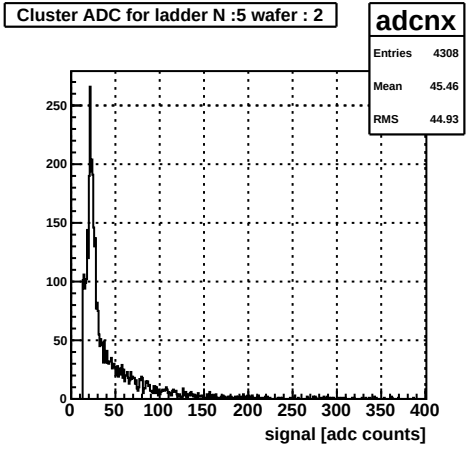

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1915
Mean 55.1
RMS 51.85
signal [adc counts]

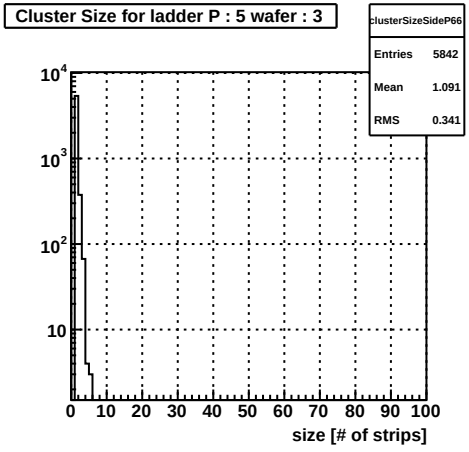

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1916
Mean 1.218
RMS 0.5407
size [# of strips]

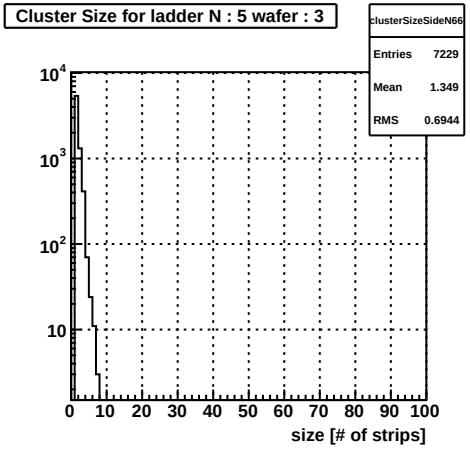

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4308
Mean 1.227
RMS 0.6321
size [# of strips]

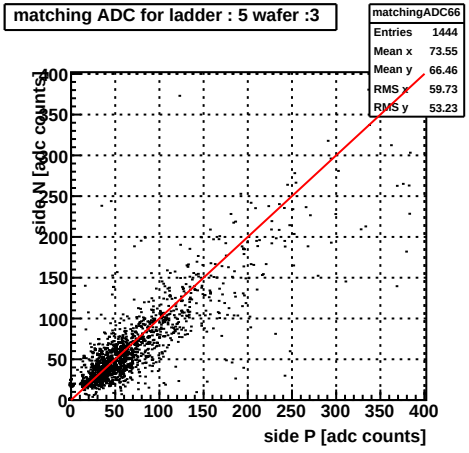

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 727
Mean x 70.63
Mean y 73.57
RMS x 56.82
RMS y 56.6
side N [adc counts]
side P [adc counts]

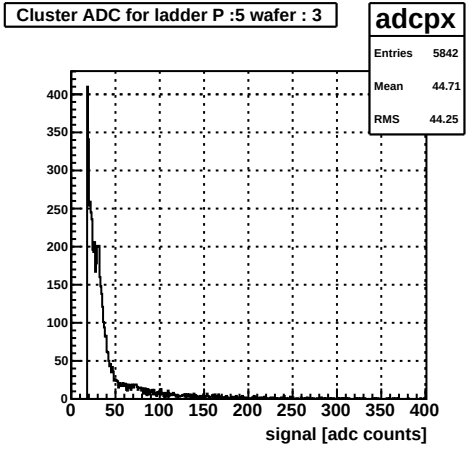

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1916
Mean 58.84
RMS 56.49
signal [adc counts]

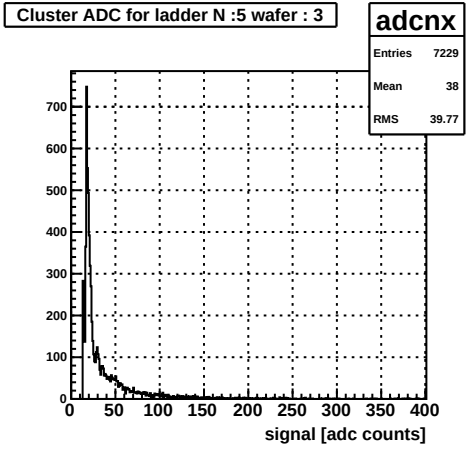

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4308
Mean 45.46
RMS 44.93
signal [adc counts]

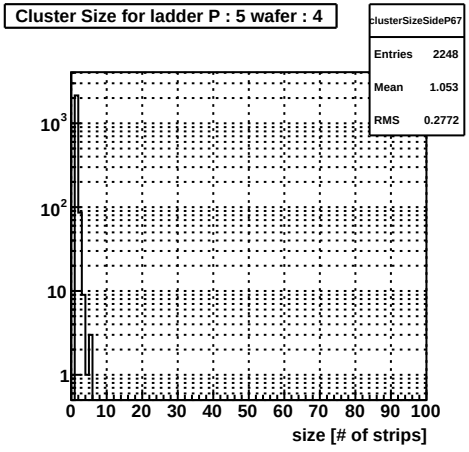

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5842
Mean 1.091
RMS 0.341
size [# of strips]

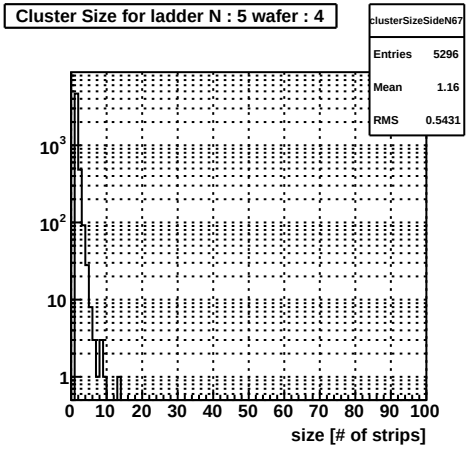

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 7229
Mean 1.349
RMS 0.6944
size [# of strips]

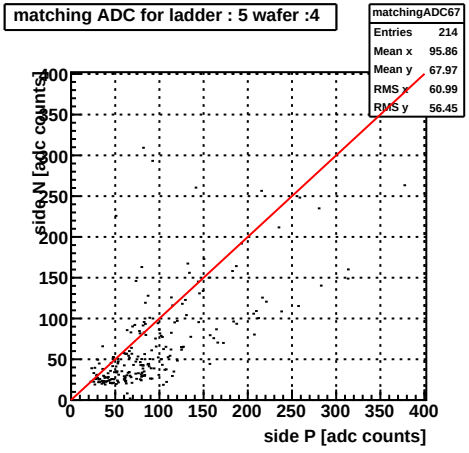

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 1444
Mean x 73.55
Mean y 66.46
RMS x 59.73
RMS y 53.23
side N [adc counts]
side P [adc counts]

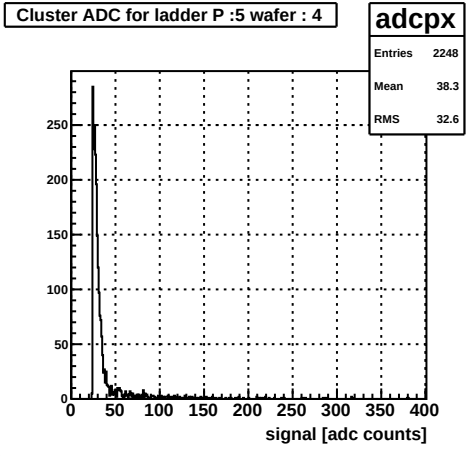

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5842
Mean 44.71
RMS 44.25
signal [adc counts]

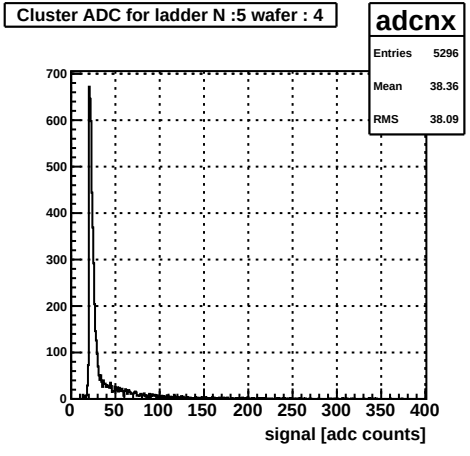

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 7229
Mean 38
RMS 39.77
signal [adc counts]

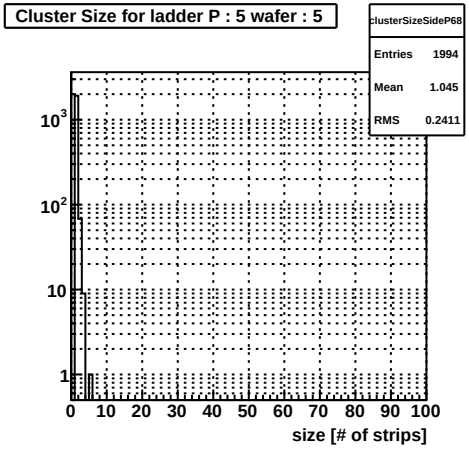

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 2248
Mean 1.053
RMS 0.2772
size [# of strips]

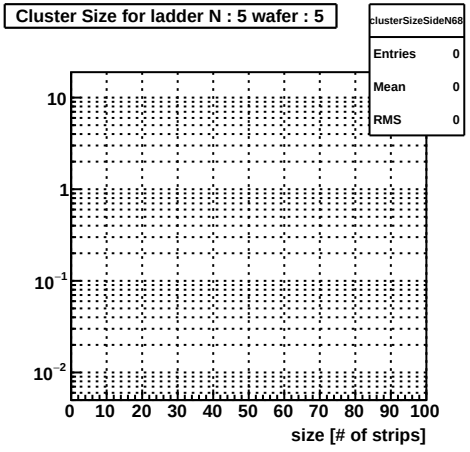

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 5296
Mean 1.16
RMS 0.5431
size [# of strips]

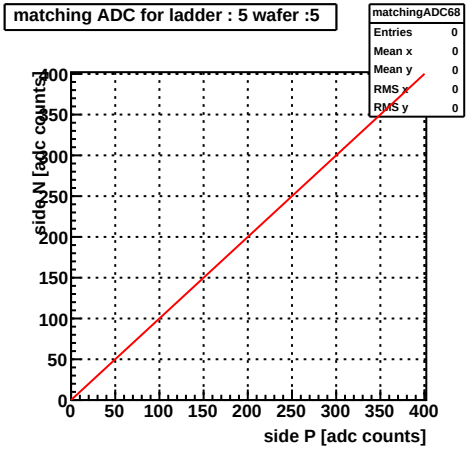

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 214
Mean x 95.86
Mean y 67.97
RMS x 60.99
RMS y 56.45
side N [adc counts]
side P [adc counts]

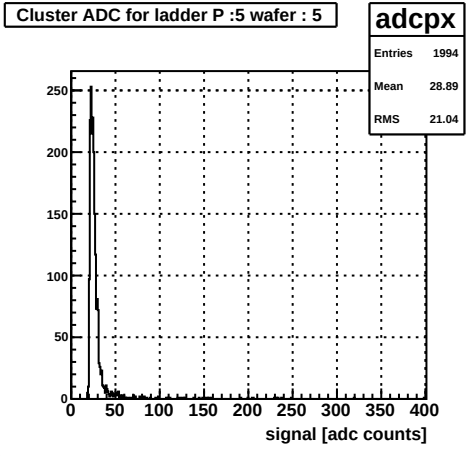

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 2248
Mean 38.3
RMS 32.6
signal [adc counts]

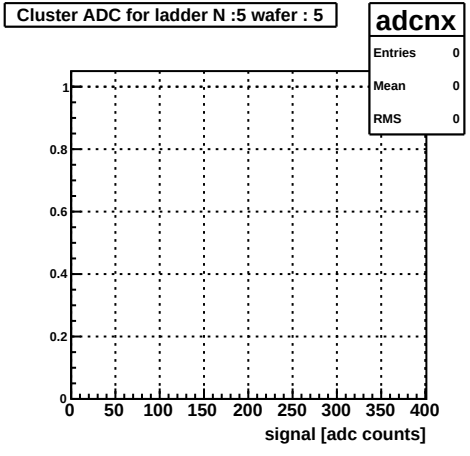

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 5296
Mean 38.36
RMS 38.09
signal [adc counts]

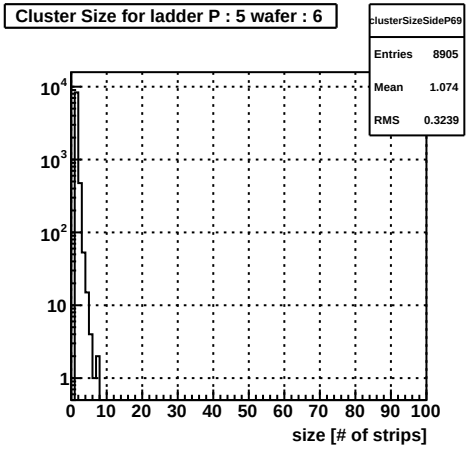

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 1994
Mean 1.045
RMS 0.2411
size [# of strips]

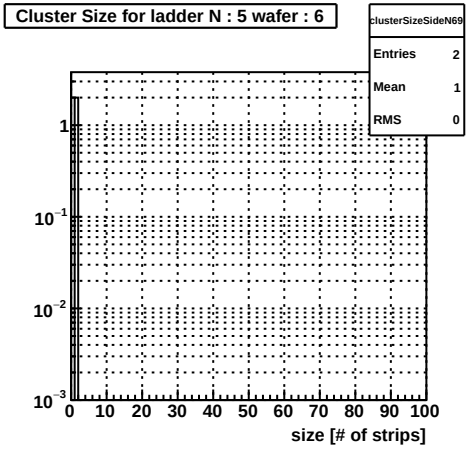

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 0
Mean 0
RMS 0
size [# of strips]

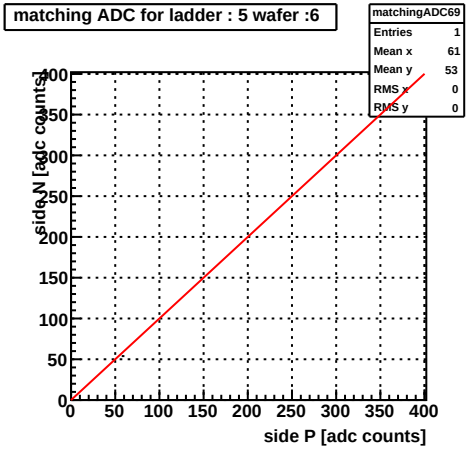

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

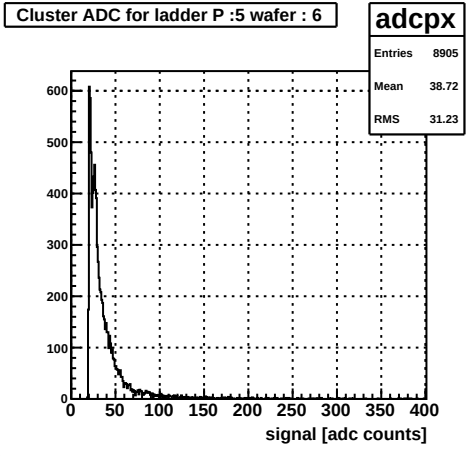

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 1994
Mean 28.89
RMS 21.04
signal [adc counts]

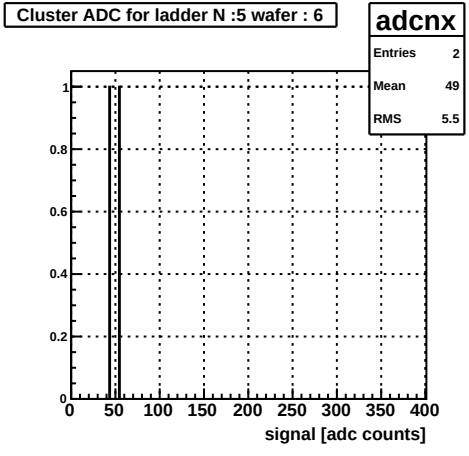

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

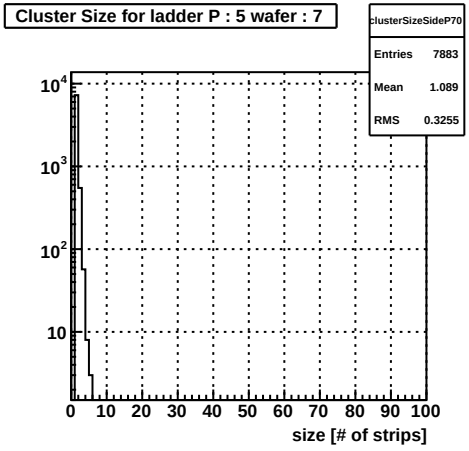

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 8905
Mean 1.074
RMS 0.3239
size [# of strips]

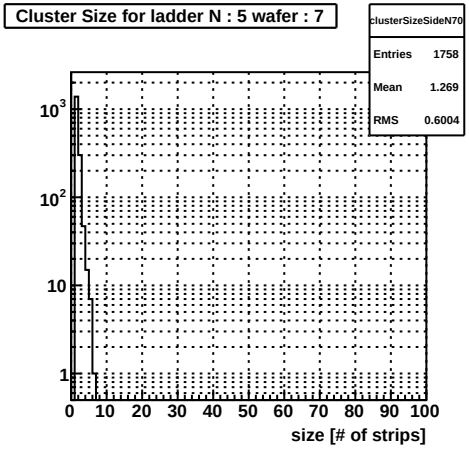

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 2
Mean 1
RMS 0
size [# of strips]

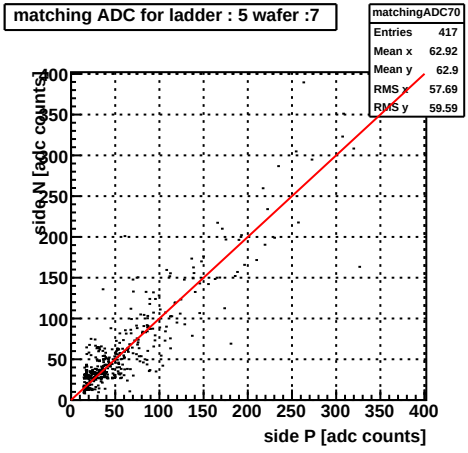

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 1
Mean x 61
Mean y 53
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

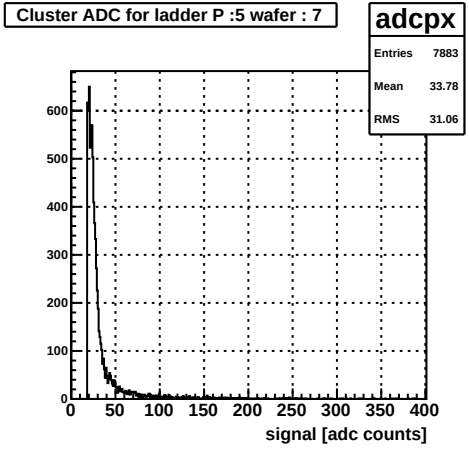

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 8905
Mean 38.72
RMS 31.23
signal [adc counts]

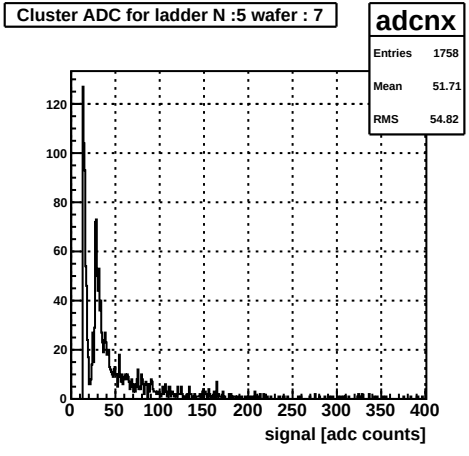

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 2
Mean 49
RMS 5.5
signal [adc counts]

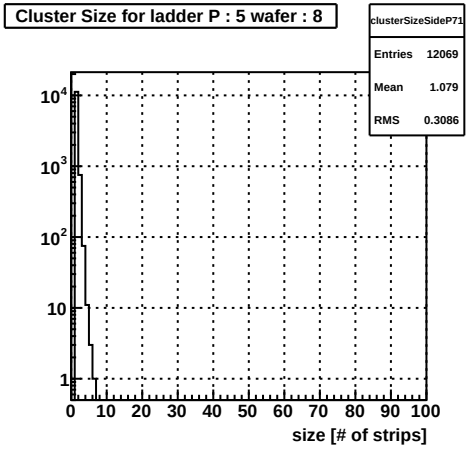

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 7883
Mean 1.089
RMS 0.3255
size [# of strips]

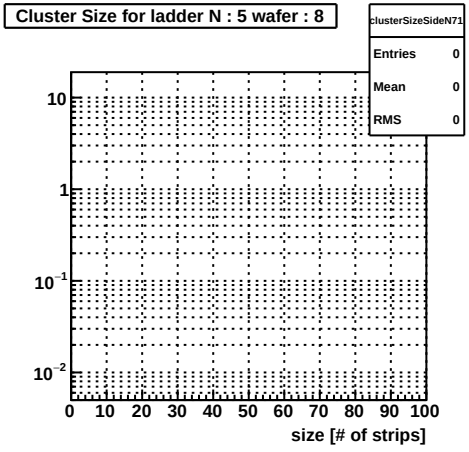

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1758
Mean 1.269
RMS 0.6004
size [# of strips]

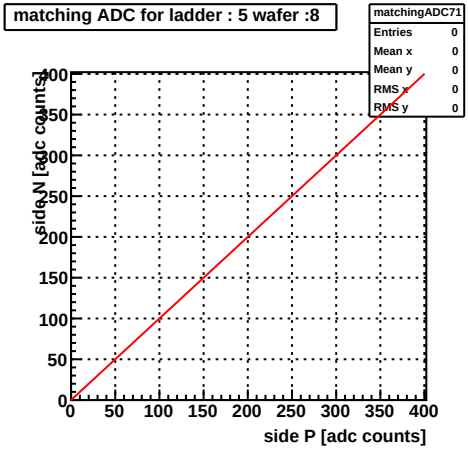

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 417
Mean x 62.92
Mean y 62.9
RMS x 57.69
RMS y 59.59
side N [adc counts]
side P [adc counts]

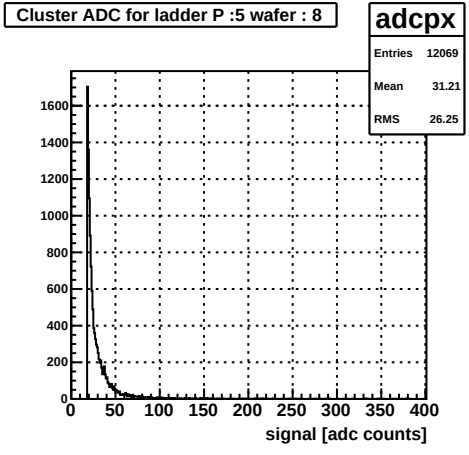

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 7883
Mean 33.78
RMS 31.06
signal [adc counts]

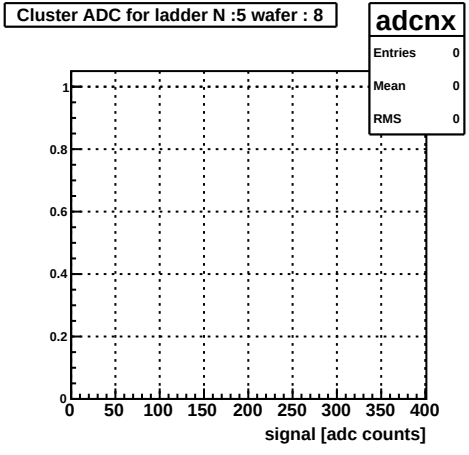

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1758
Mean 51.71
RMS 54.82
signal [adc counts]

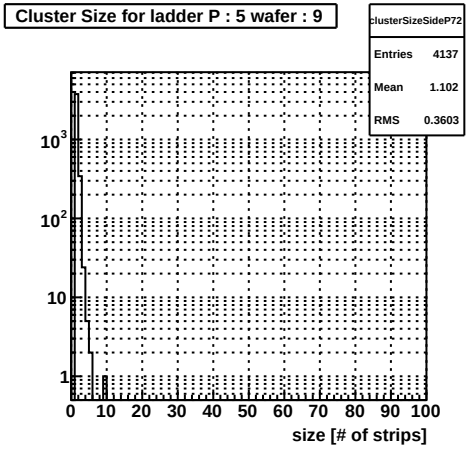

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 12069
Mean 1.079
RMS 0.3086
size [# of strips]

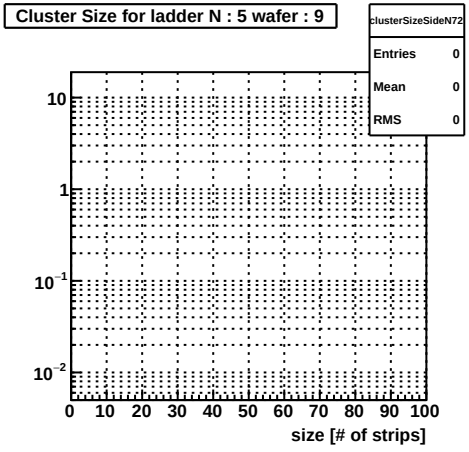

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

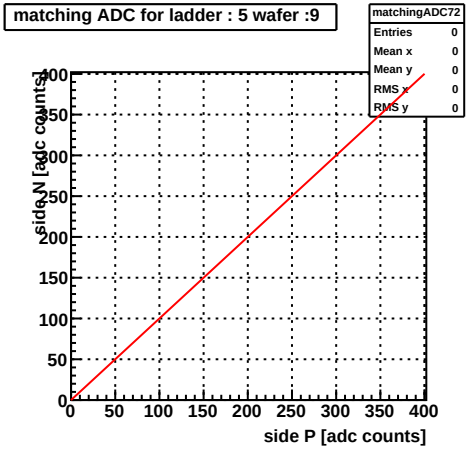

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

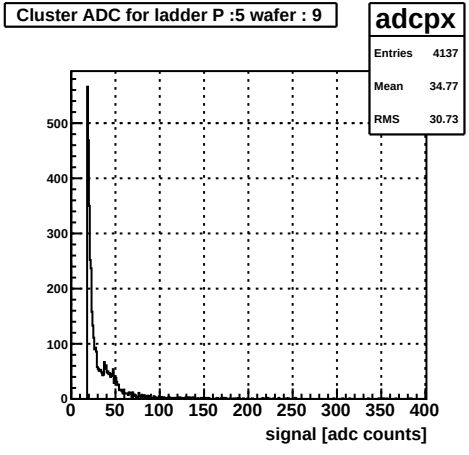

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 12069
Mean 31.21
RMS 26.25
signal [adc counts]

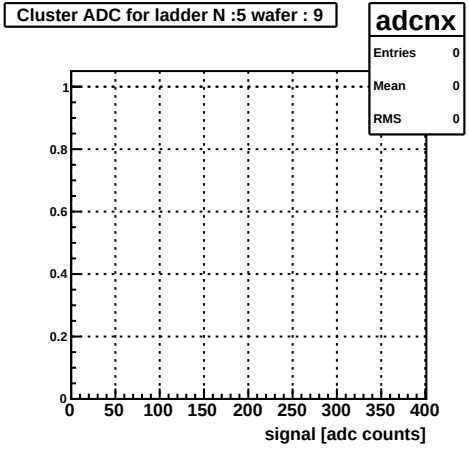

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

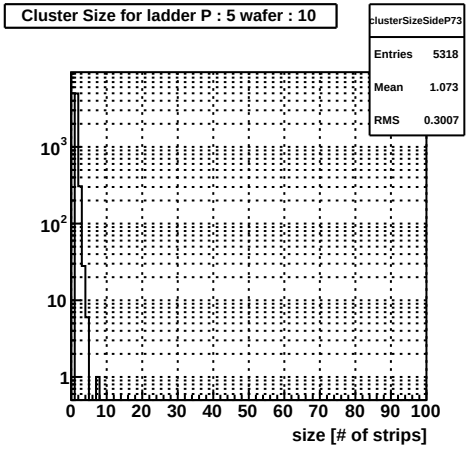

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 4137
Mean 1.102
RMS 0.3603
size [# of strips]

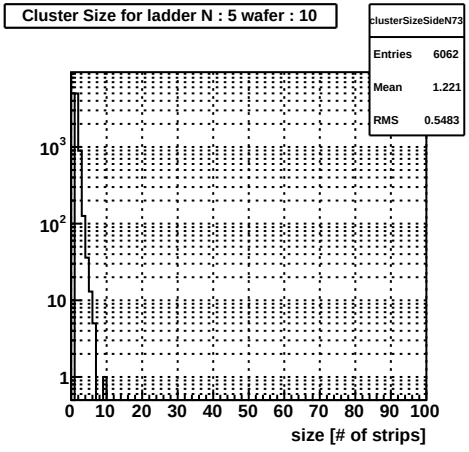

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

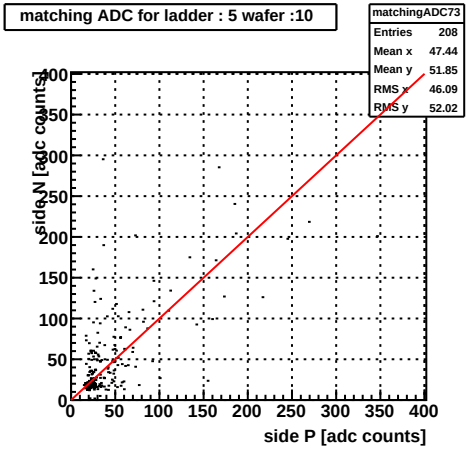

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

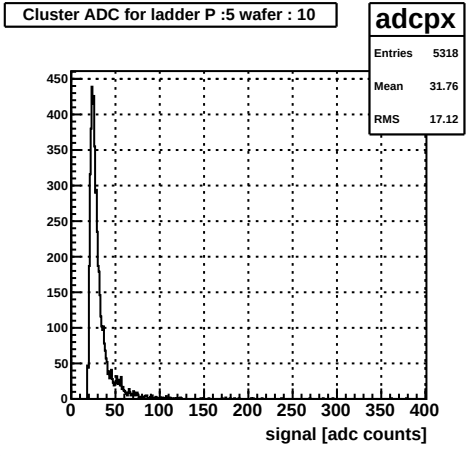

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 4137
Mean 34.77
RMS 30.73
signal [adc counts]

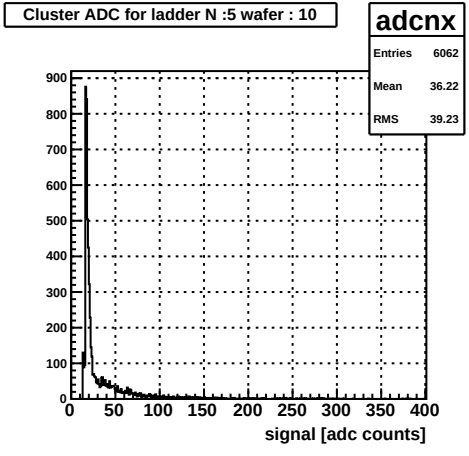

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

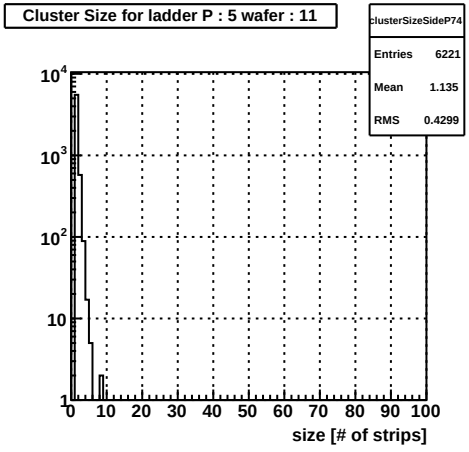

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 5318
Mean 1.073
RMS 0.3007
size [# of strips]

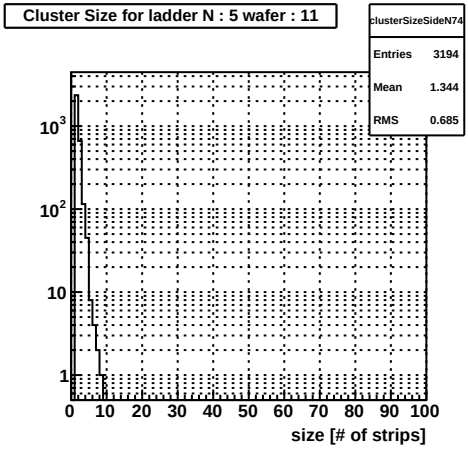

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 6062
Mean 1.221
RMS 0.5483
size [# of strips]

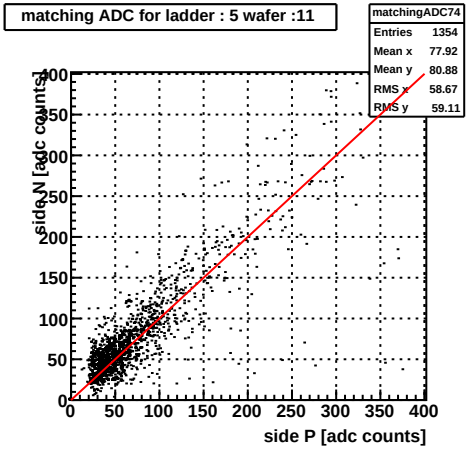

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 208
Mean x 47.44
Mean y 51.85
RMS x 46.09
RMS y 52.02
side N [adc counts]
side P [adc counts]

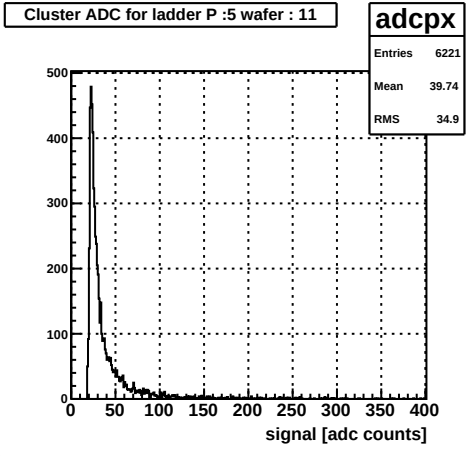

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 5318
Mean 31.76
RMS 17.12
signal [adc counts]

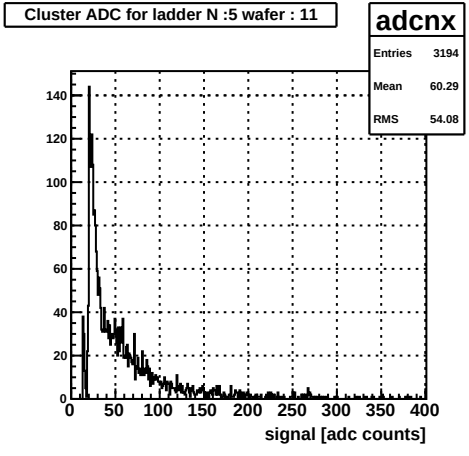

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 6062
Mean 36.22
RMS 39.23
signal [adc counts]

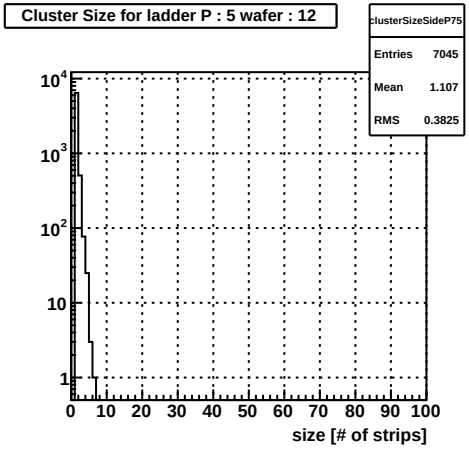

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 6221
Mean 1.135
RMS 0.4299
size [# of strips]

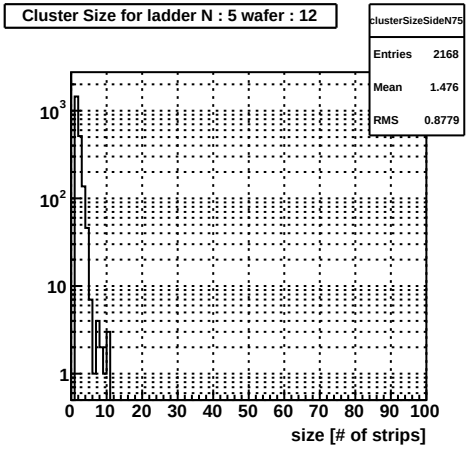

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 3194
Mean 1.344
RMS 0.685
size [# of strips]

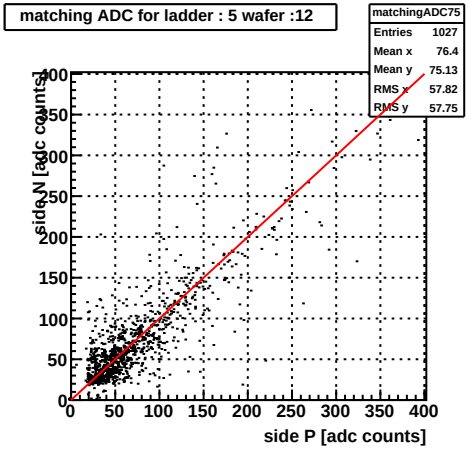

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 1354
Mean x 77.92
Mean y 80.88
RMS x 58.67
RMS y 59.11
side N [adc counts]
side P [adc counts]

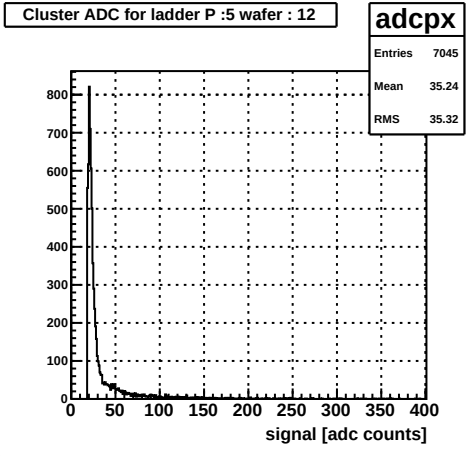

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 6221
Mean 39.74
RMS 34.9
signal [adc counts]

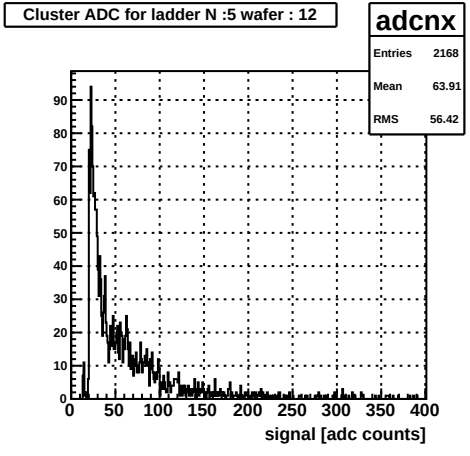

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 3194
Mean 60.29
RMS 54.08
signal [adc counts]

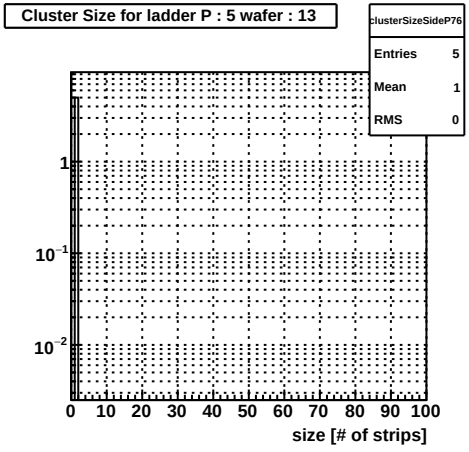

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 7045
Mean 1.107
RMS 0.3825
size [# of strips]

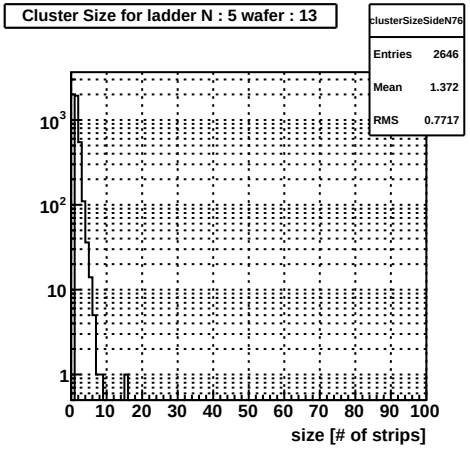

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 2168
Mean 1.476
RMS 0.8779
size [# of strips]

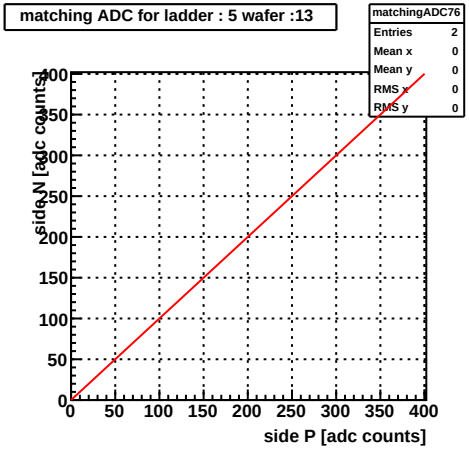

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 1027
Mean x 76.4
Mean y 75.13
RMS x 57.82
RMS y 57.75
side N [adc counts]
side P [adc counts]

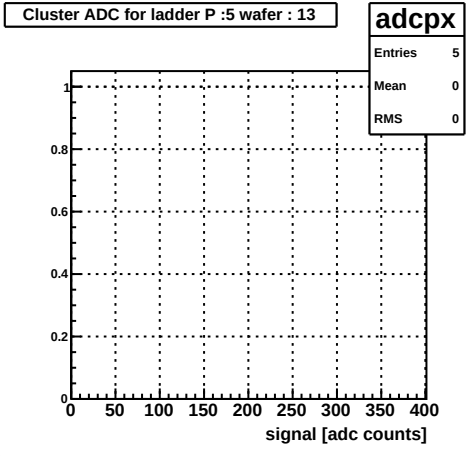

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 7045
Mean 35.24
RMS 35.32
signal [adc counts]

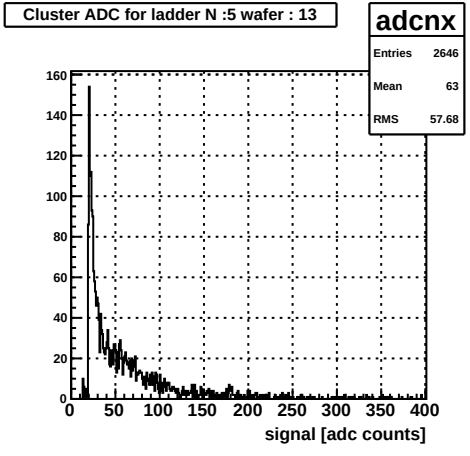

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 2168
Mean 63.91
RMS 56.42
signal [adc counts]

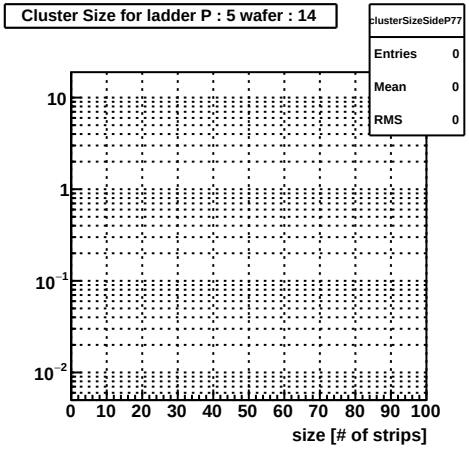

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 5
Mean 1
RMS 0
size [# of strips]

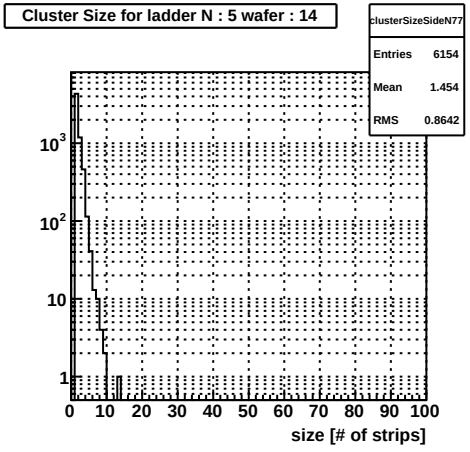

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 2646
Mean 1.372
RMS 0.7717
size [# of strips]

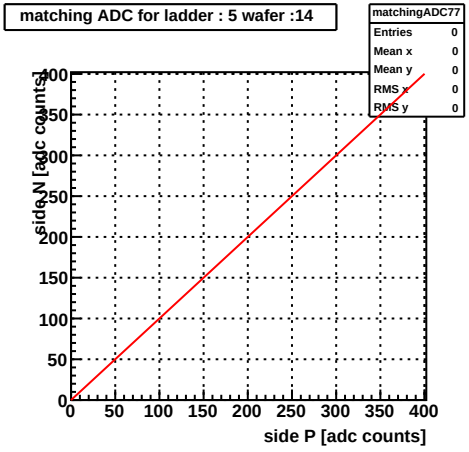

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

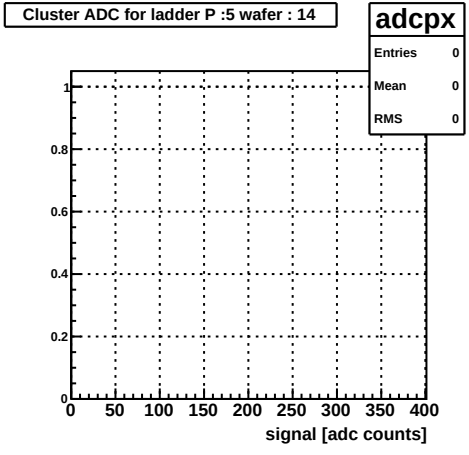

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

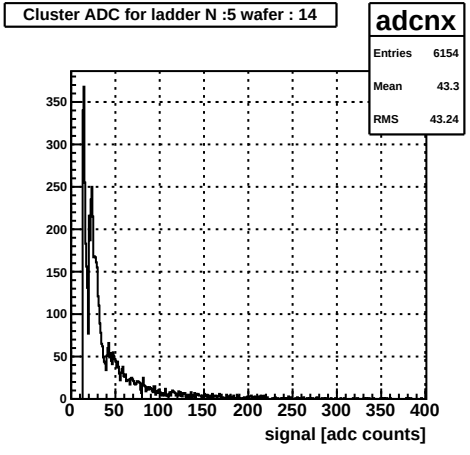

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 2646
Mean 63
RMS 57.68
signal [adc counts]

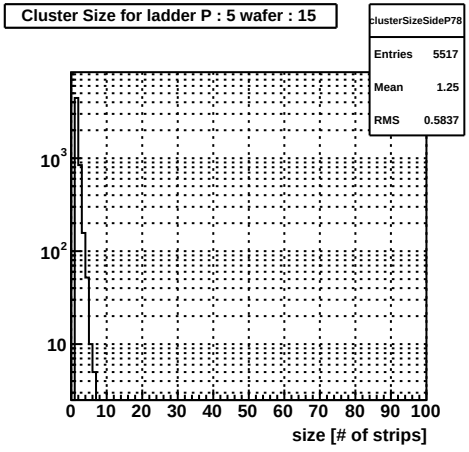

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

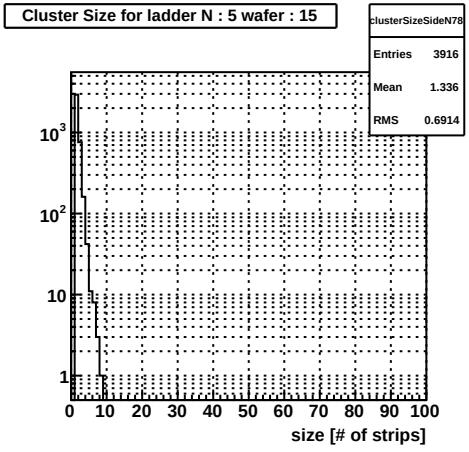

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 6154
Mean 1.454
RMS 0.8642
size [# of strips]

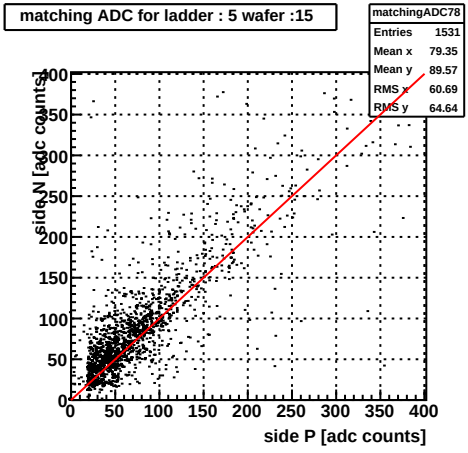

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

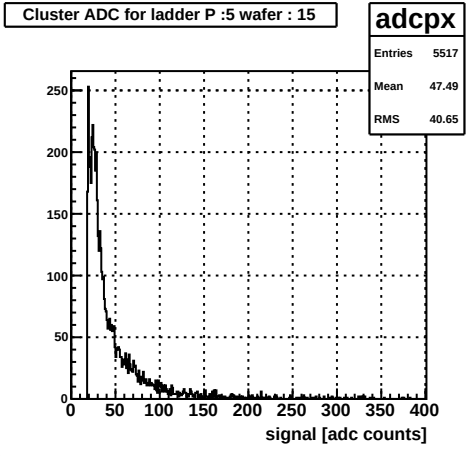

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

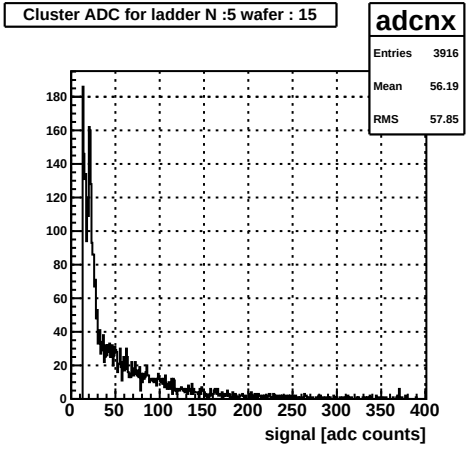

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 6154
Mean 43.3
RMS 43.24
signal [adc counts]

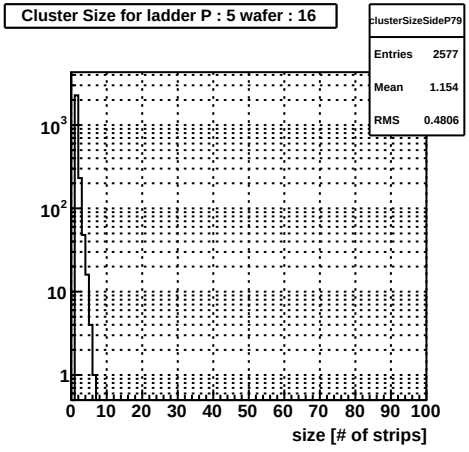

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 5517
Mean 1.25
RMS 0.5837
size [# of strips]

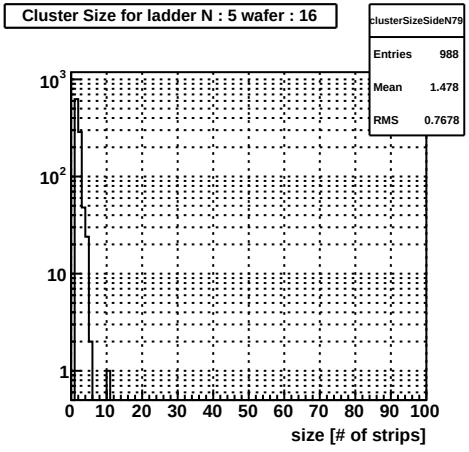

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 3916
Mean 1.336
RMS 0.6914
size [# of strips]

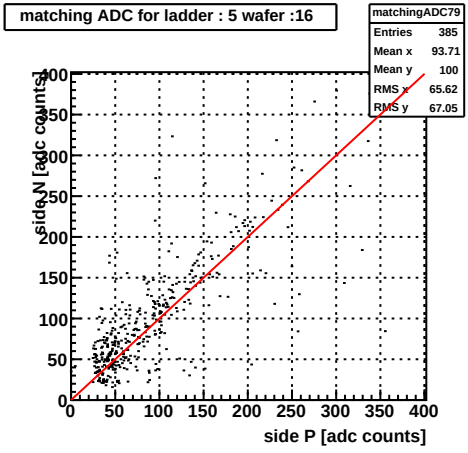

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 1531
Mean x 79.35
Mean y 89.57
RMS x 60.69
RMS y 64.64
side N [adc counts]
side P [adc counts]

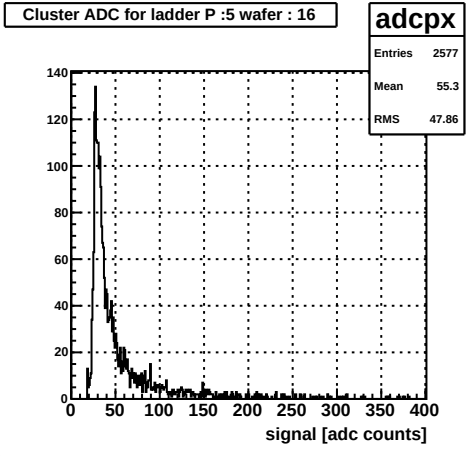

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 5517
Mean 47.49
RMS 40.65
signal [adc counts]

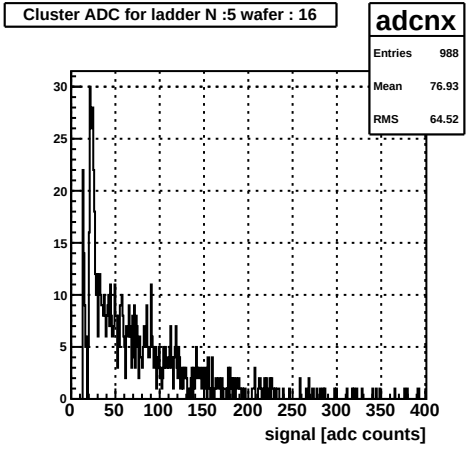

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 3916
Mean 56.19
RMS 57.85
signal [adc counts]

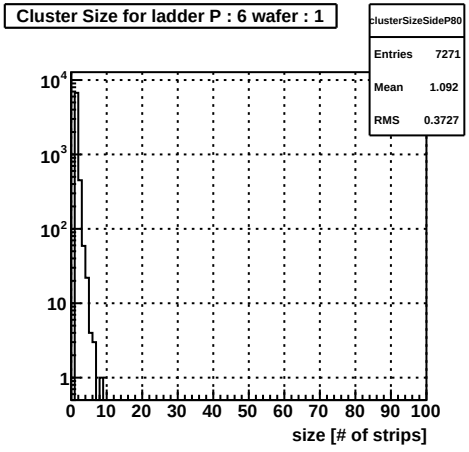

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 2577
Mean 1.154
RMS 0.4806
size [# of strips]

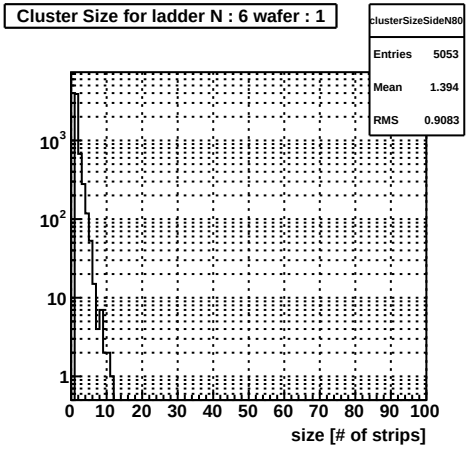

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 988
Mean 1.478
RMS 0.7678
size [# of strips]

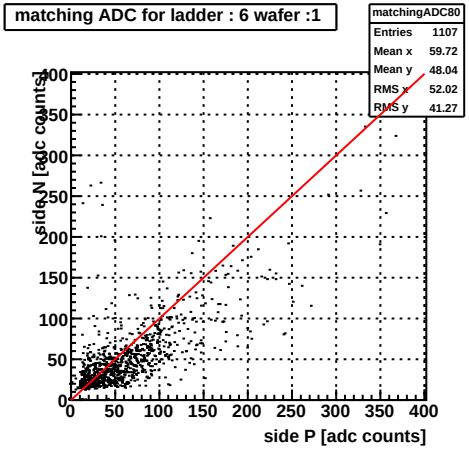

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 385
Mean x 93.71
Mean y 100
RMS x 65.62
RMS y 67.05
side N [adc counts]
side P [adc counts]

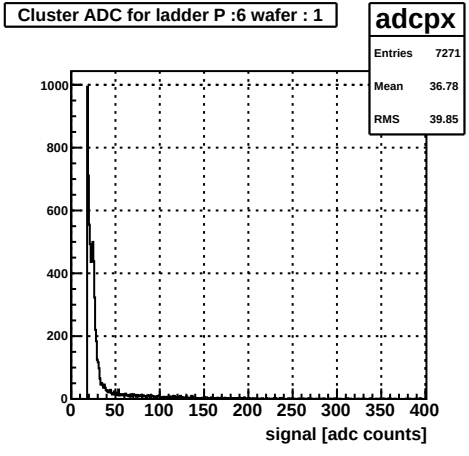

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 2577
Mean 55.3
RMS 47.86
signal [adc counts]

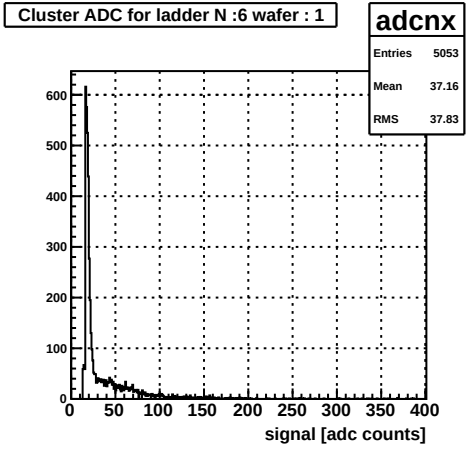

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 988
Mean 76.93
RMS 64.52
signal [adc counts]

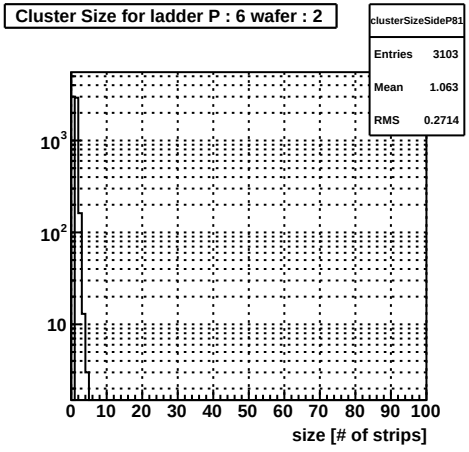

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 7271
Mean 1.092
RMS 0.3727
size [# of strips]

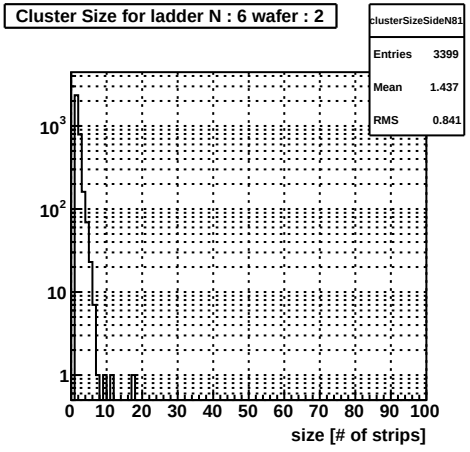

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 5053
Mean 1.394
RMS 0.9083
size [# of strips]

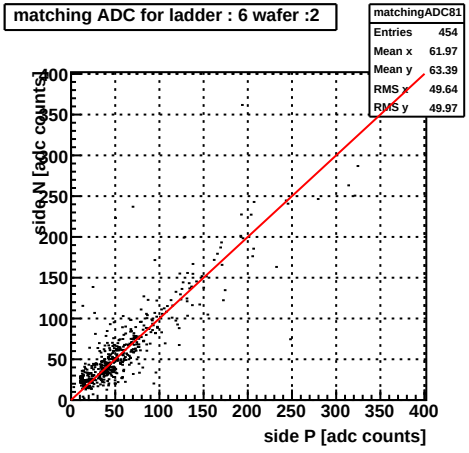

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 1107
Mean x 59.72
Mean y 48.04
RMS x 52.02
RMS y 41.27
side N [adc counts]
side P [adc counts]

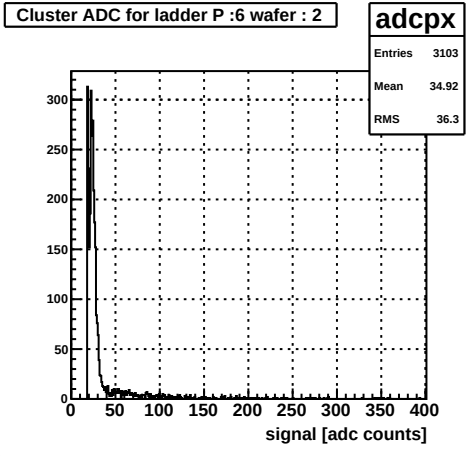

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 7271
Mean 36.78
RMS 39.85
signal [adc counts]

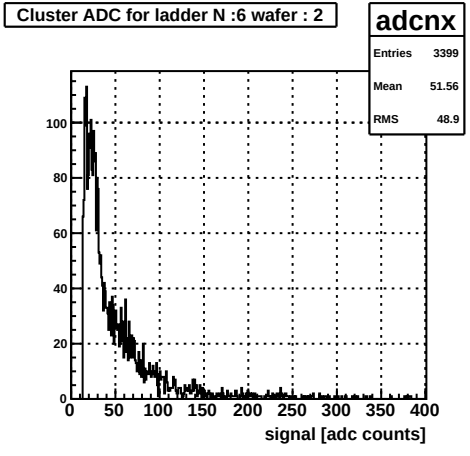

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 5053
Mean 37.16
RMS 37.83
signal [adc counts]

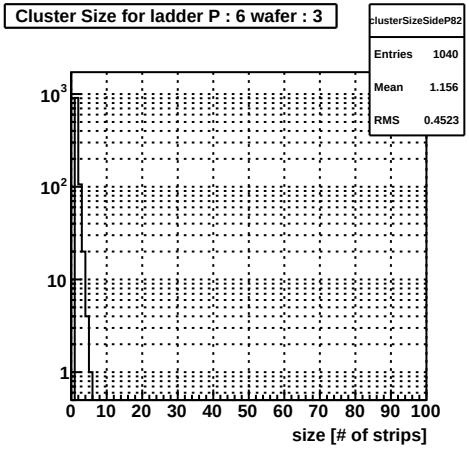

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3103
Mean 1.063
RMS 0.2714
size [# of strips]

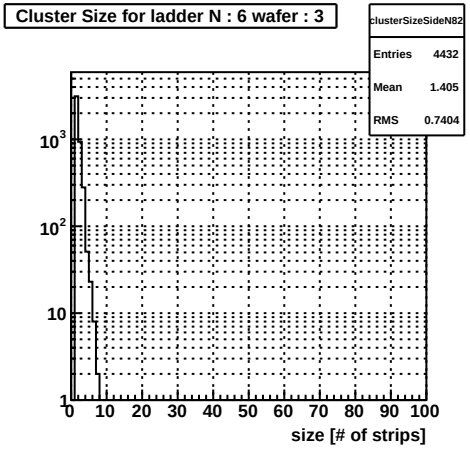

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 3399
Mean 1.437
RMS 0.841
size [# of strips]

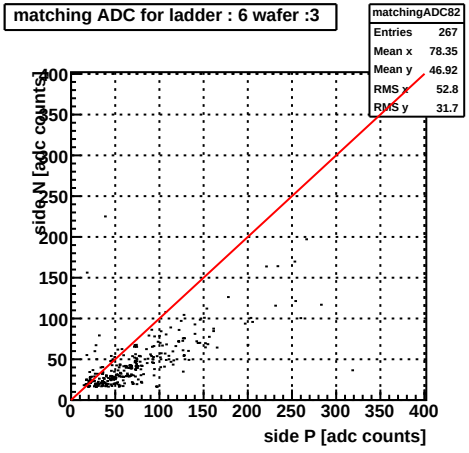

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 454
Mean x 61.97
Mean y 63.39
RMS x 49.64
RMS y 49.97
side N [adc counts]
side P [adc counts]

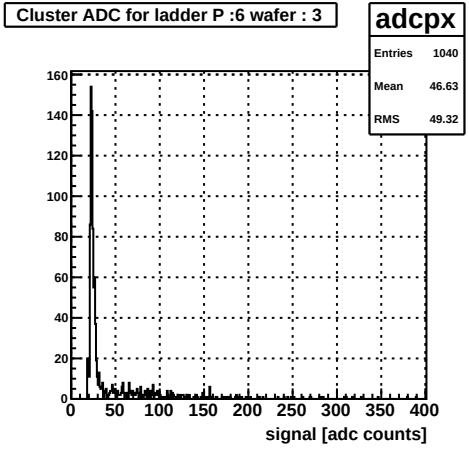

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3103
Mean 34.92
RMS 36.3
signal [adc counts]

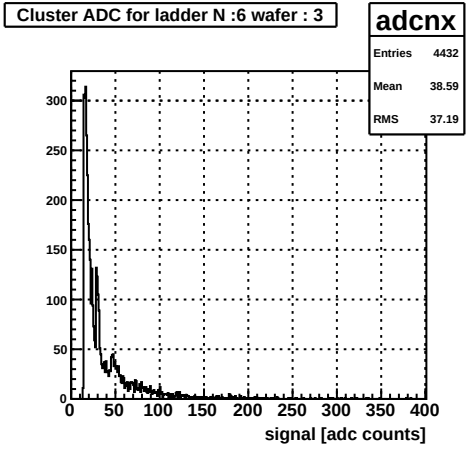

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 3399
Mean 51.56
RMS 48.9
signal [adc counts]

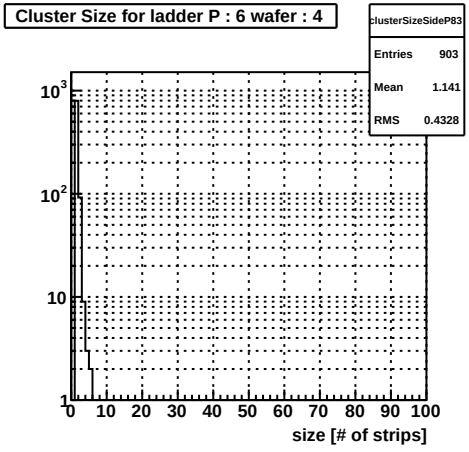

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1040
Mean 1.156
RMS 0.4523
size [# of strips]

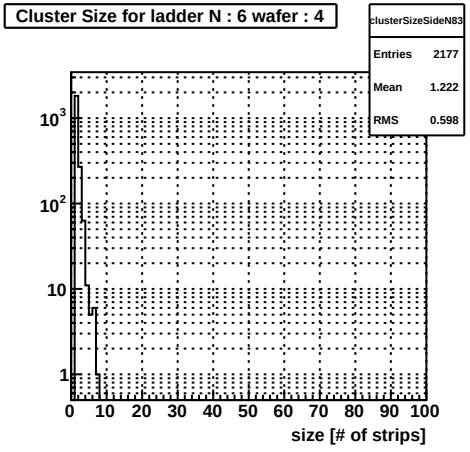

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 4432
Mean 1.405
RMS 0.7404
size [# of strips]

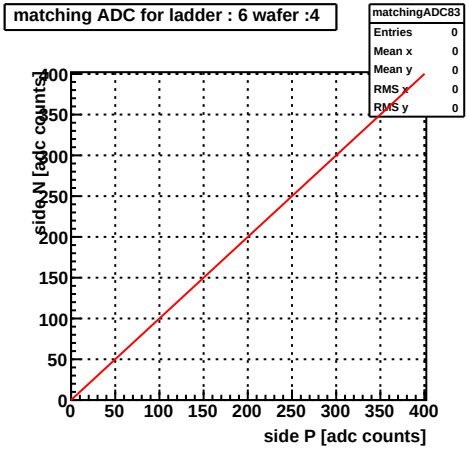

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 267
Mean x 78.35
Mean y 46.92
RMS x 52.8
RMS y 31.7
side N [adc counts]
side P [adc counts]

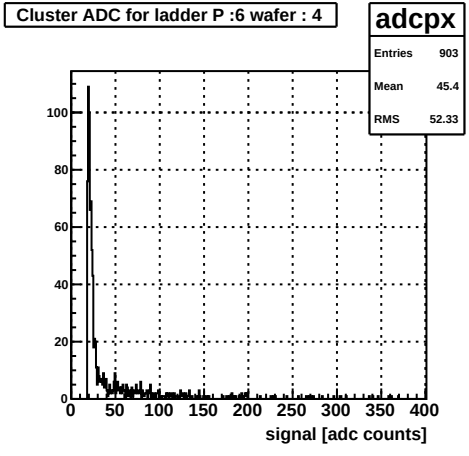

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1040
Mean 46.63
RMS 49.32
signal [adc counts]

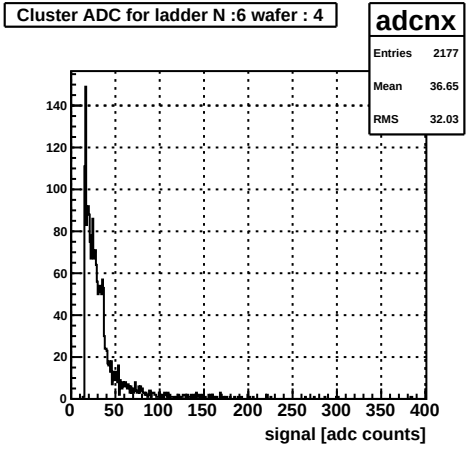

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 4432
Mean 38.59
RMS 37.19
signal [adc counts]

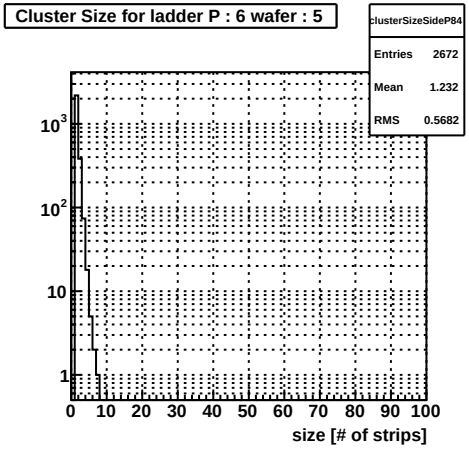

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 903
Mean 1.141
RMS 0.4328
size [# of strips]

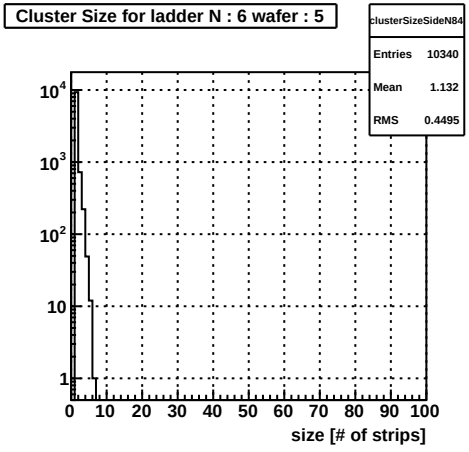

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 2177
Mean 1.222
RMS 0.598
size [# of strips]

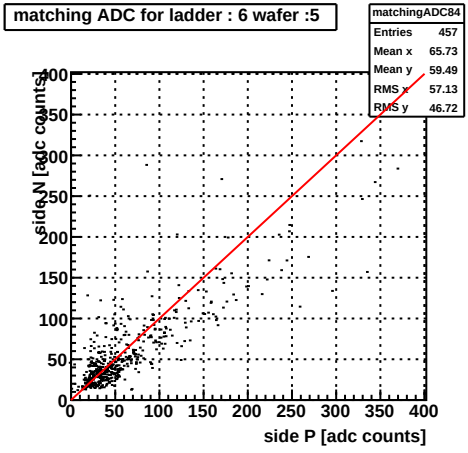

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

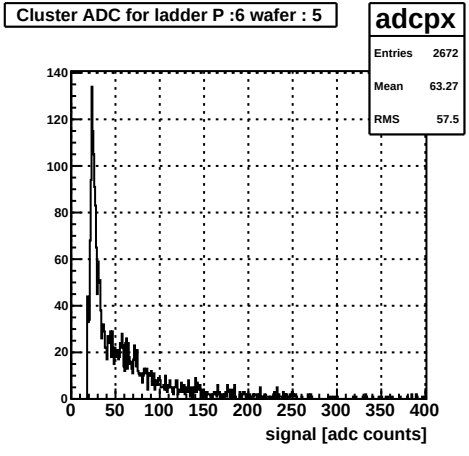

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 903
Mean 45.4
RMS 52.33
signal [adc counts]

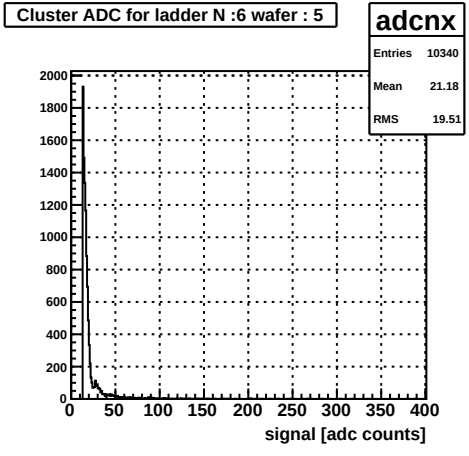

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 2177
Mean 36.65
RMS 32.03
signal [adc counts]

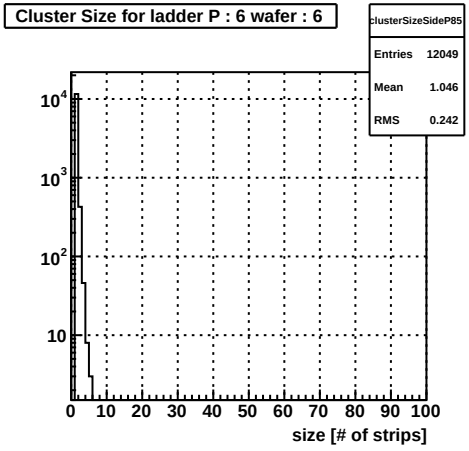

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 2672
Mean 1.232
RMS 0.5682
size [# of strips]

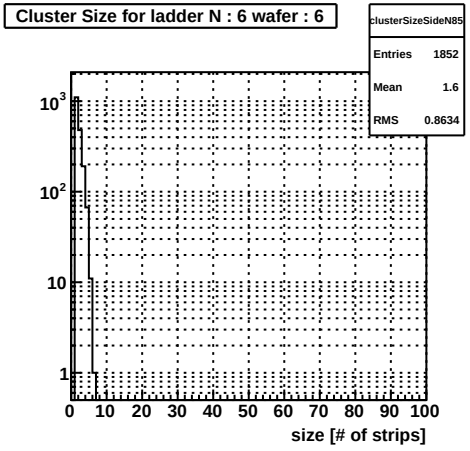

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 10340
Mean 1.132
RMS 0.4495
size [# of strips]

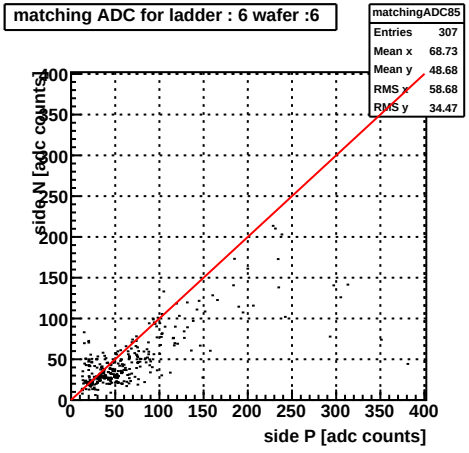

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 457
Mean x 65.73
Mean y 59.49
RMS x 57.13
RMS y 46.72
side N [adc counts]
side P [adc counts]

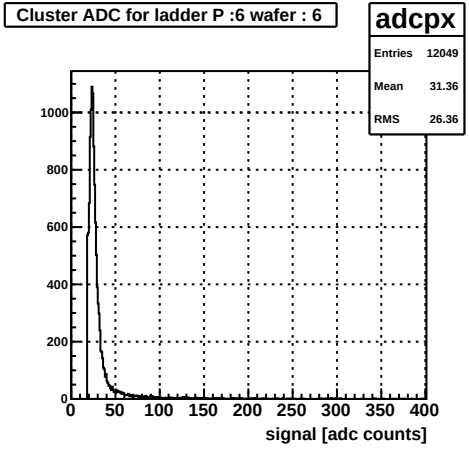

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 2672
Mean 63.27
RMS 57.5
signal [adc counts]

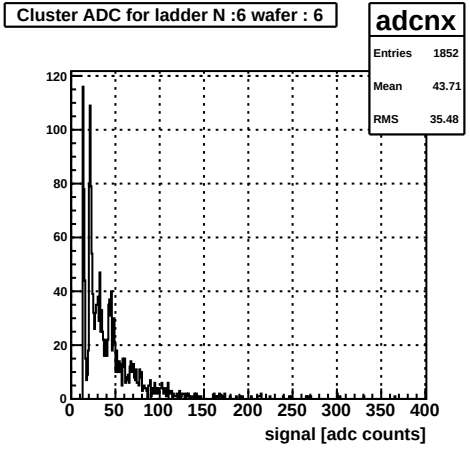

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 10340
Mean 21.18
RMS 19.51
signal [adc counts]

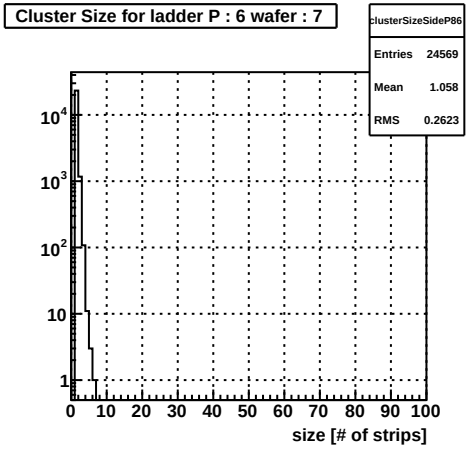

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 12049
Mean 1.046
RMS 0.242
size [# of strips]

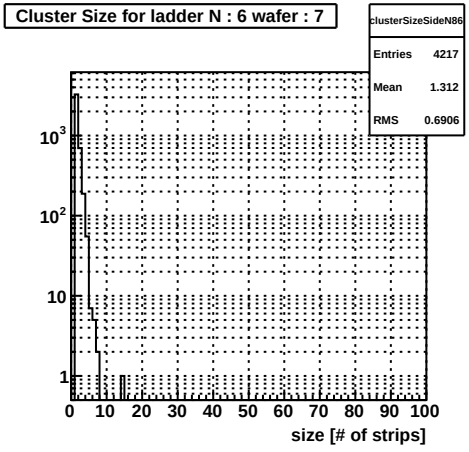

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 1852
Mean 1.6
RMS 0.8634
size [# of strips]

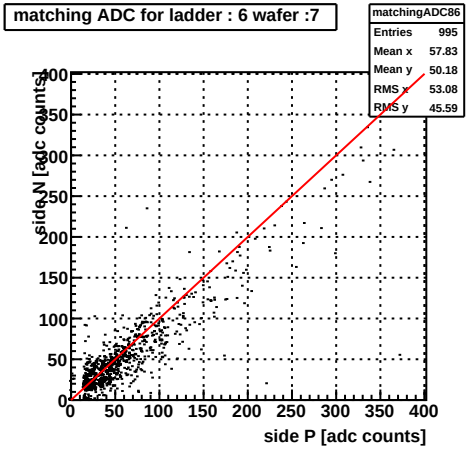

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 307
Mean x 68.73
Mean y 48.68
RMS x 58.68
RMS y 34.47
side N [adc counts]
side P [adc counts]

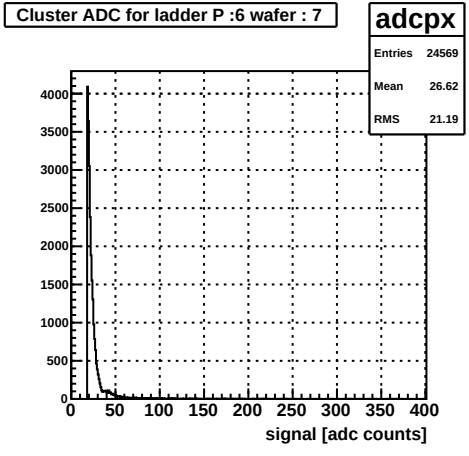

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 12049
Mean 31.36
RMS 26.36
signal [adc counts]

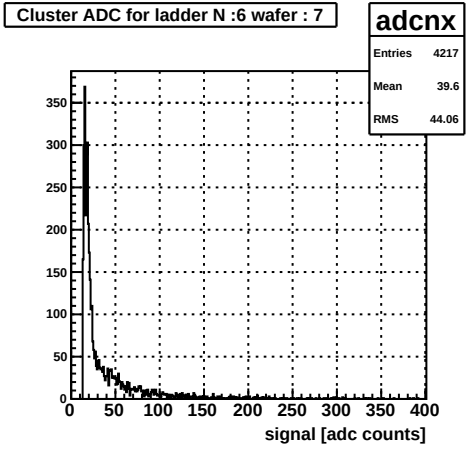

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 1852
Mean 43.71
RMS 35.48
signal [adc counts]

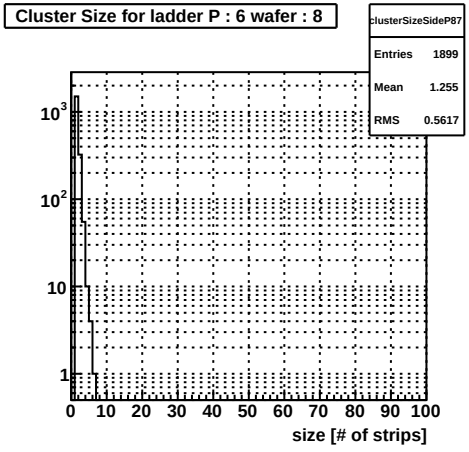

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 24569
Mean 1.058
RMS 0.2623
size [# of strips]

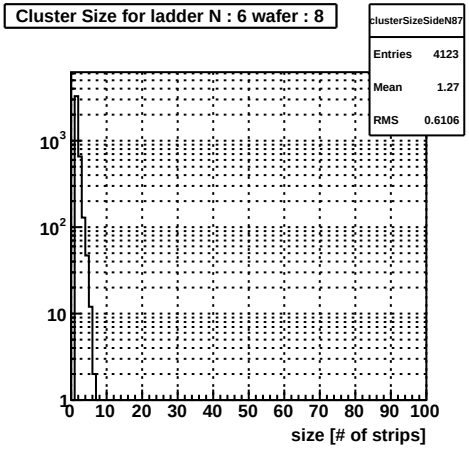

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 4217
Mean 1.312
RMS 0.6906
size [# of strips]

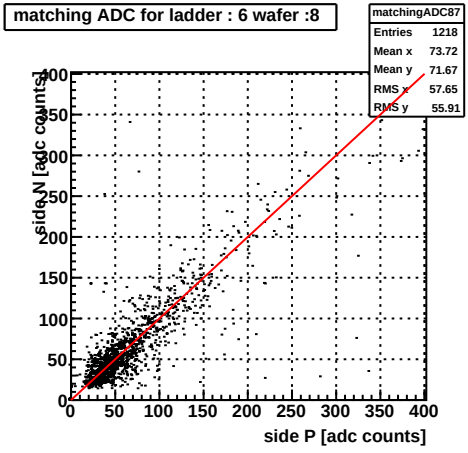

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 995
Mean x 57.83
Mean y 50.18
RMS x 53.08
RMS y 45.59
side N [adc counts]
side P [adc counts]

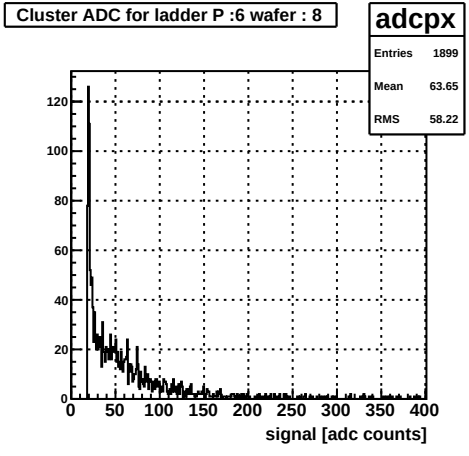

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 24569
Mean 26.62
RMS 21.19
signal [adc counts]

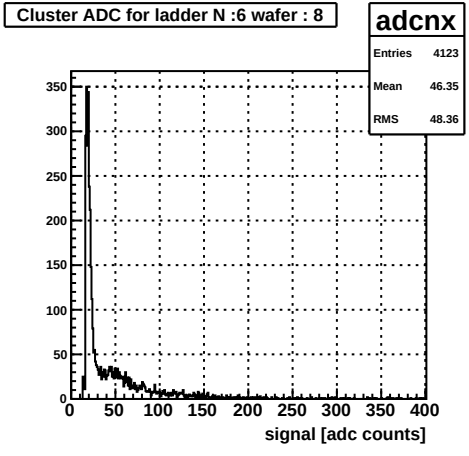

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 4217
Mean 39.6
RMS 44.06
signal [adc counts]

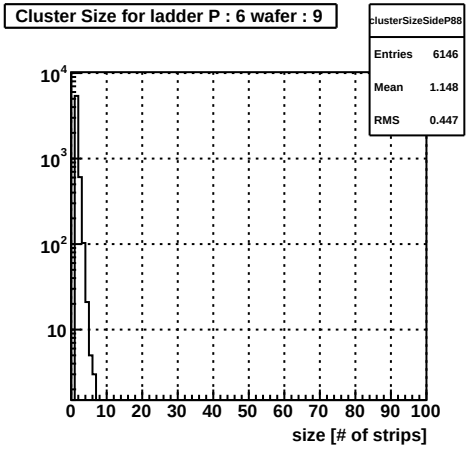

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1899
Mean 1.255
RMS 0.5617
size [# of strips]

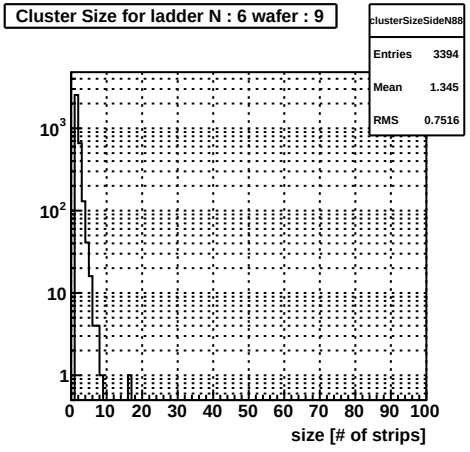

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 4123
Mean 1.27
RMS 0.6106
size [# of strips]

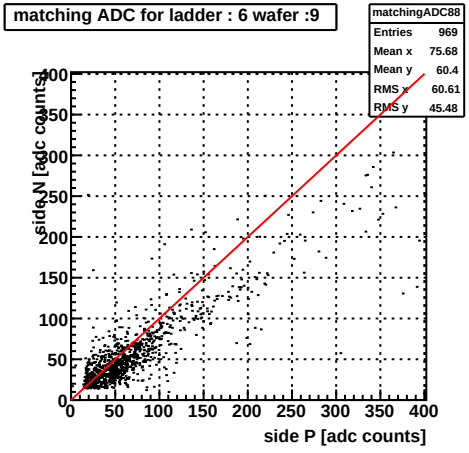

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 1218
Mean x 73.72
Mean y 71.67
RMS x 57.65
RMS y 55.91
side N [adc counts]
side P [adc counts]

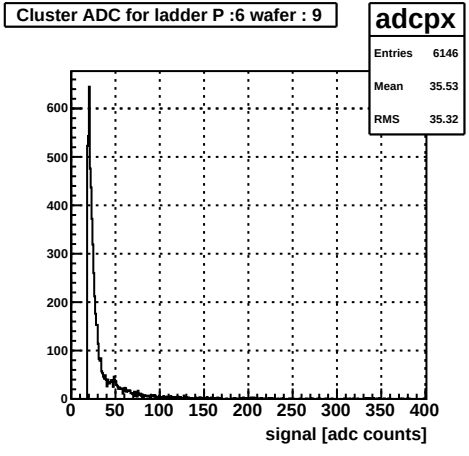

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1899
Mean 63.65
RMS 58.22
signal [adc counts]

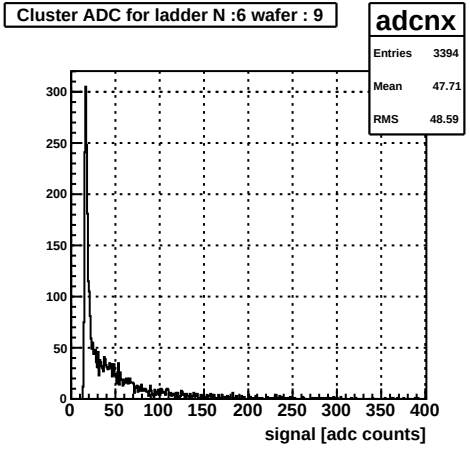

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 4123
Mean 46.35
RMS 48.36
signal [adc counts]

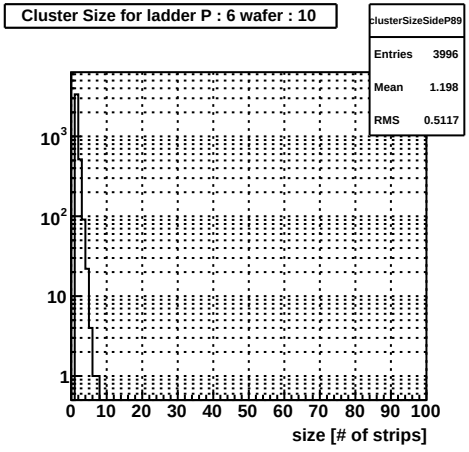

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 6146
Mean 1.148
RMS 0.447
size [# of strips]

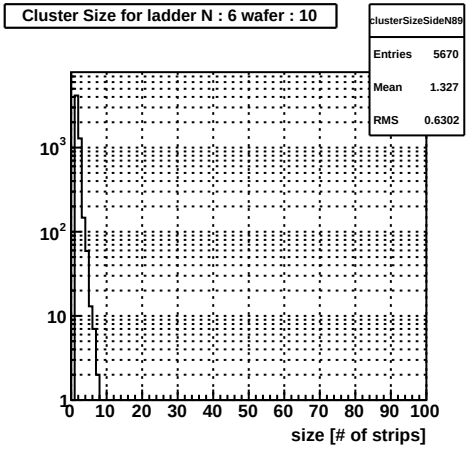

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 3394
Mean 1.345
RMS 0.7516
size [# of strips]

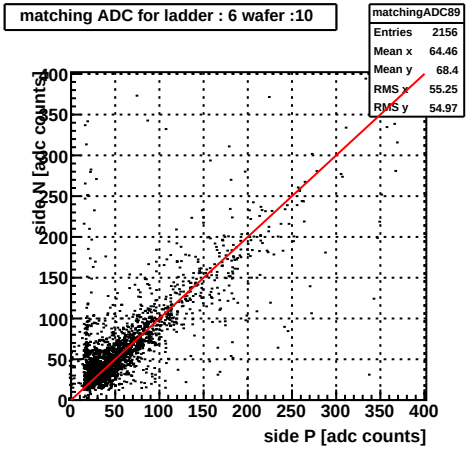

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 969
Mean x 75.68
Mean y 60.4
RMS x 60.61
RMS y 45.48
side N [adc counts]
side P [adc counts]

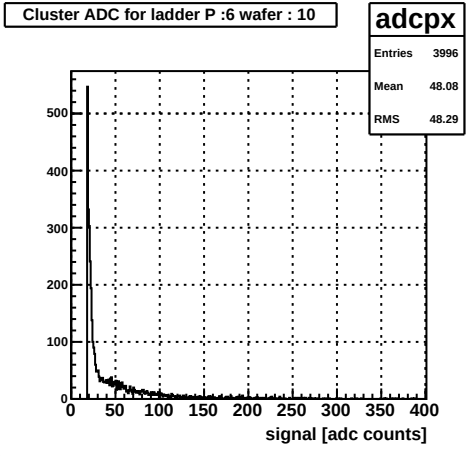

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 6146
Mean 35.53
RMS 35.32
signal [adc counts]

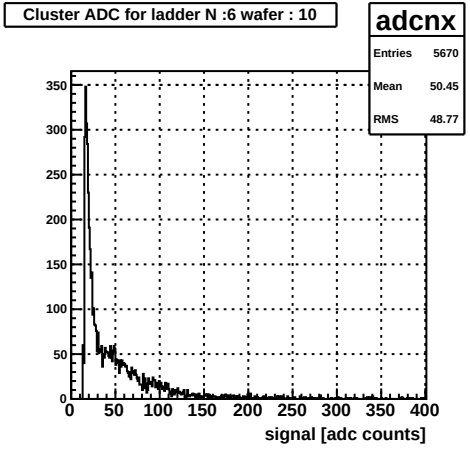

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 3394
Mean 47.71
RMS 48.59
signal [adc counts]

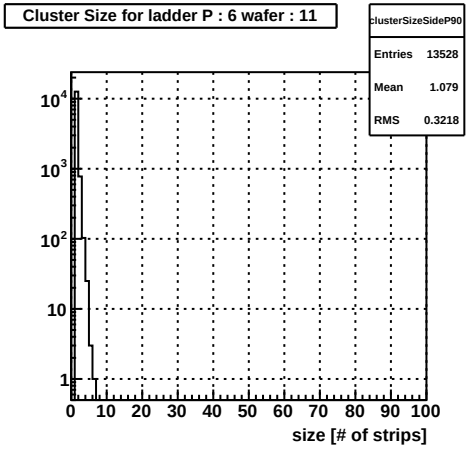

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 3996
Mean 1.198
RMS 0.5117
size [# of strips]

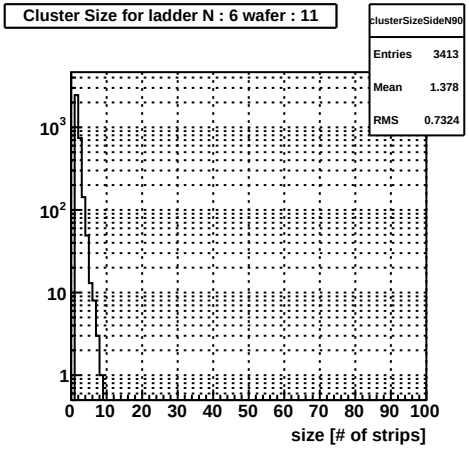

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5670
Mean 1.327
RMS 0.6302
size [# of strips]

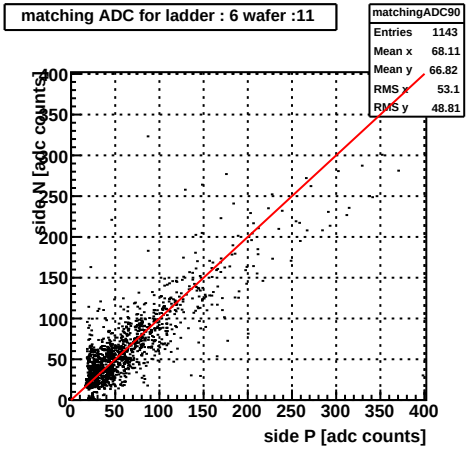

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 2156
Mean x 64.46
Mean y 68.4
RMS x 55.25
RMS y 54.97
side N [adc counts]
side P [adc counts]

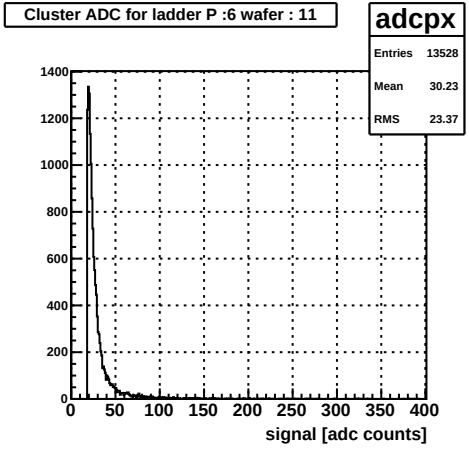

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 3996
Mean 48.08
RMS 48.29
signal [adc counts]

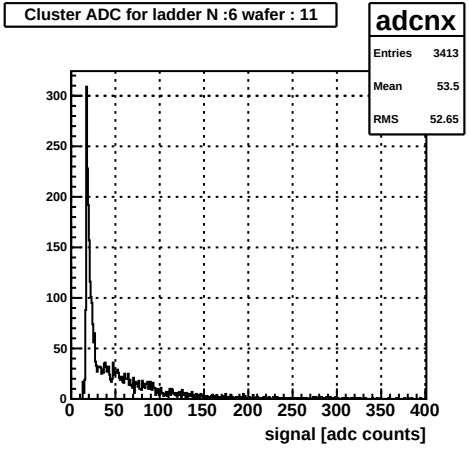

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5670
Mean 50.45
RMS 48.77
signal [adc counts]

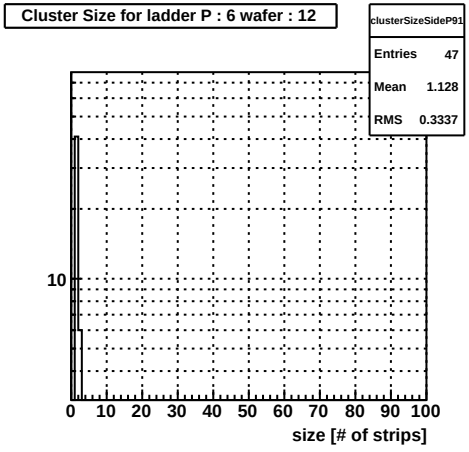

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 13528
Mean 1.079
RMS 0.3218
size [# of strips]

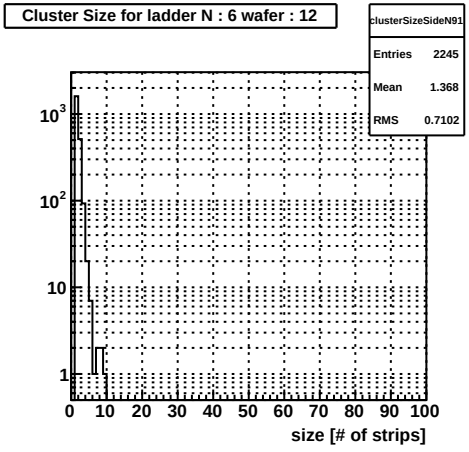

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 3413
Mean 1.378
RMS 0.7324
size [# of strips]

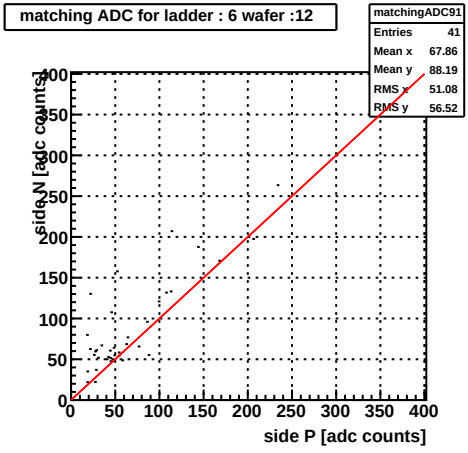

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 1143
Mean x 68.11
Mean y 66.82
RMS x 53.1
RMS y 48.81
side N [adc counts]
side P [adc counts]

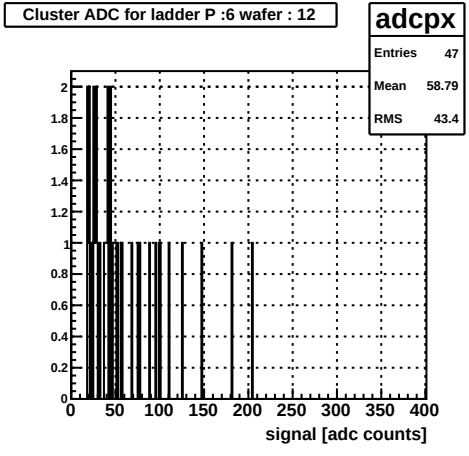

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 13528
Mean 30.23
RMS 23.37
signal [adc counts]

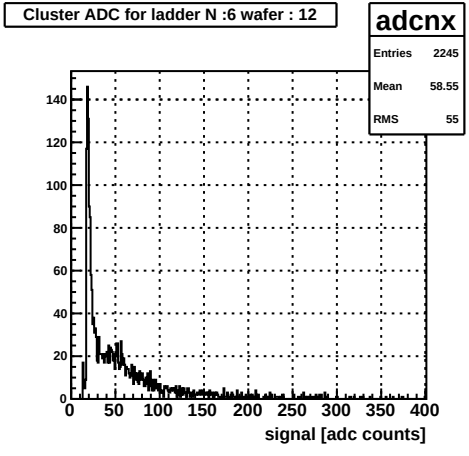

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 3413
Mean 53.5
RMS 52.65
signal [adc counts]

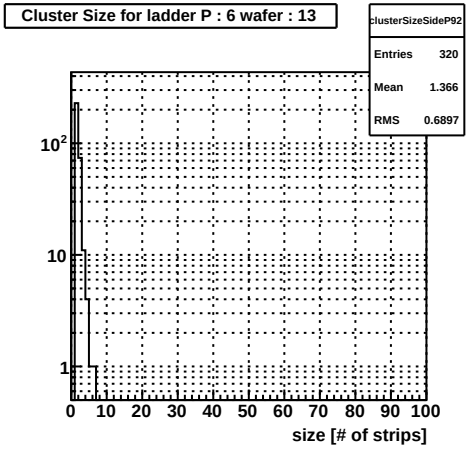

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 47
Mean 1.128
RMS 0.3337
size [# of strips]

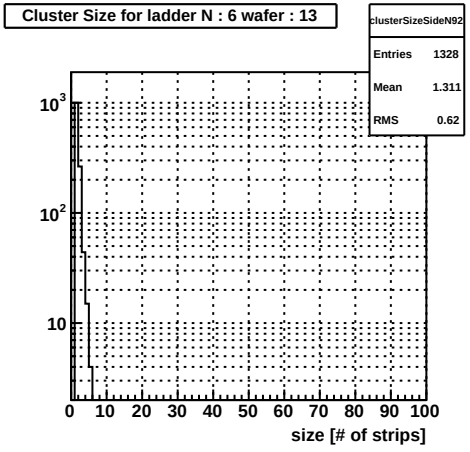

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 2245
Mean 1.368
RMS 0.7102
size [# of strips]

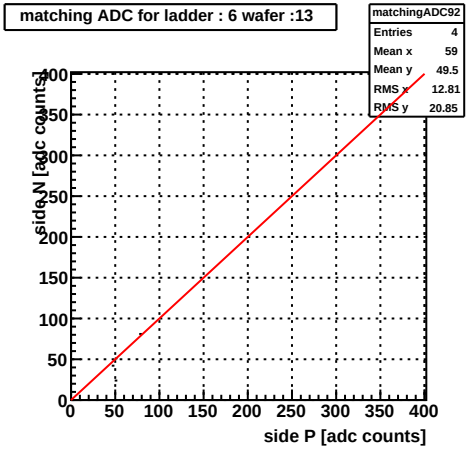

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 41
Mean x 67.86
Mean y 88.19
RMS x 51.08
RMS y 56.52
side N [adc counts]
side P [adc counts]

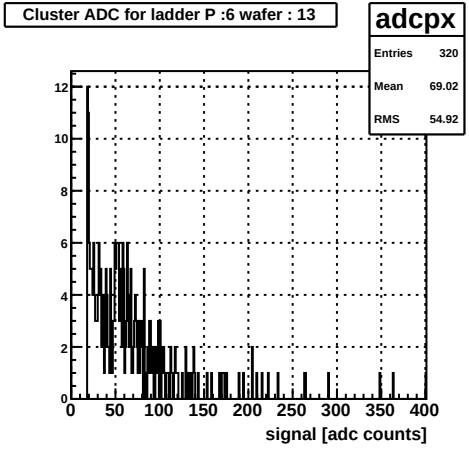

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 47
Mean 58.79
RMS 43.4
signal [adc counts]

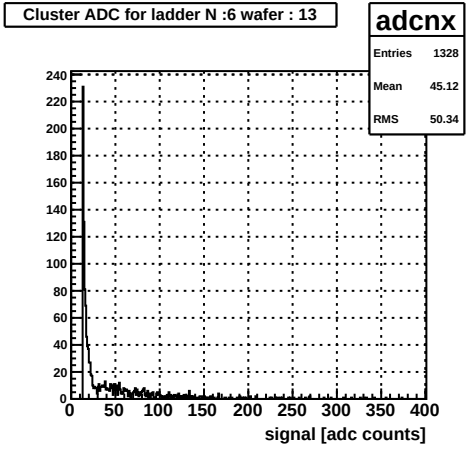

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 2245
Mean 58.55
RMS 55
signal [adc counts]

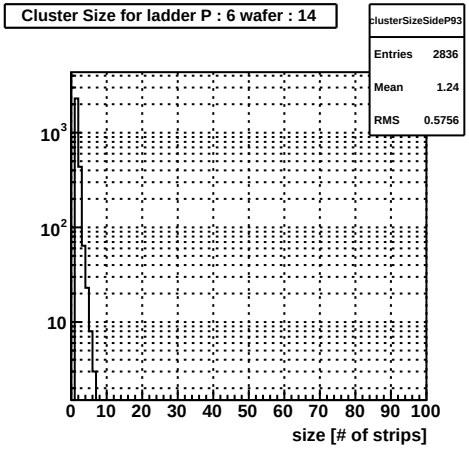

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 320
Mean 1.366
RMS 0.6897
size [# of strips]

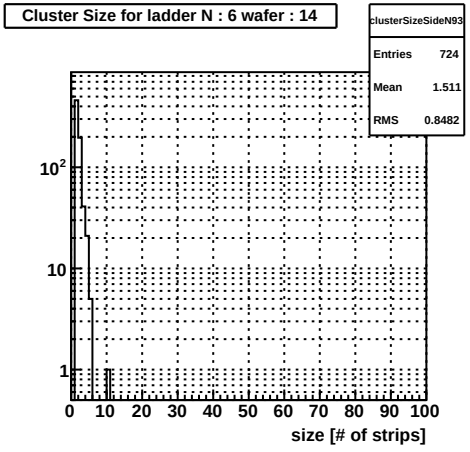

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 1328
Mean 1.311
RMS 0.62
size [# of strips]

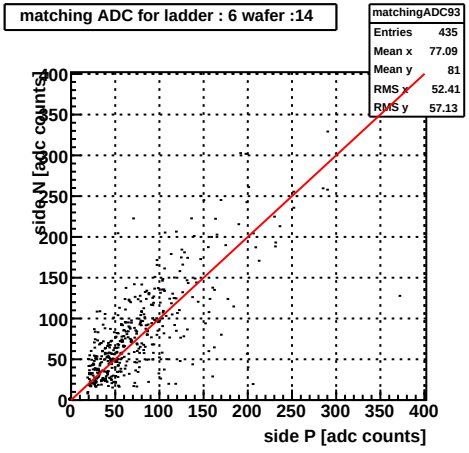

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 4
Mean x 59
Mean y 49.5
RMS x 12.81
RMS y 20.85
side N [adc counts]
side P [adc counts]

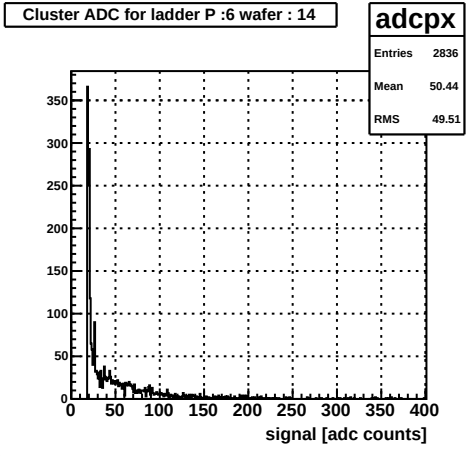

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 320
Mean 69.02
RMS 54.92
signal [adc counts]

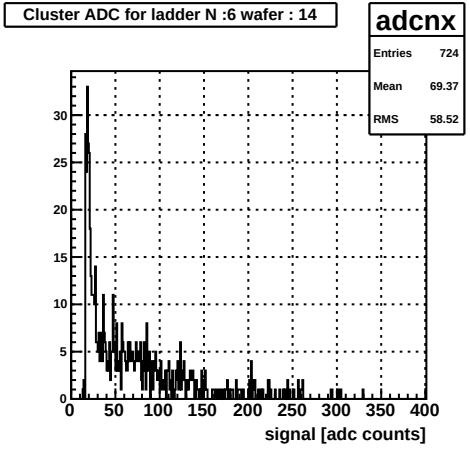

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 1328
Mean 45.12
RMS 50.34
signal [adc counts]

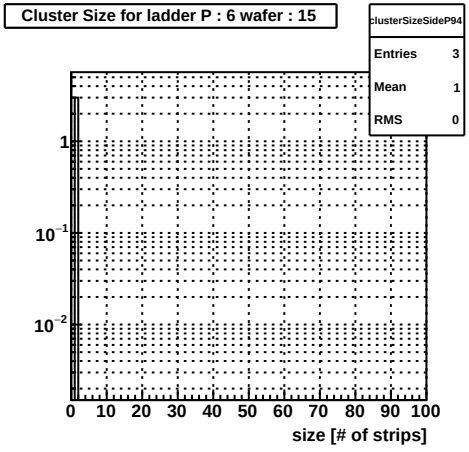

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 2836
Mean 1.24
RMS 0.5756
size [# of strips]

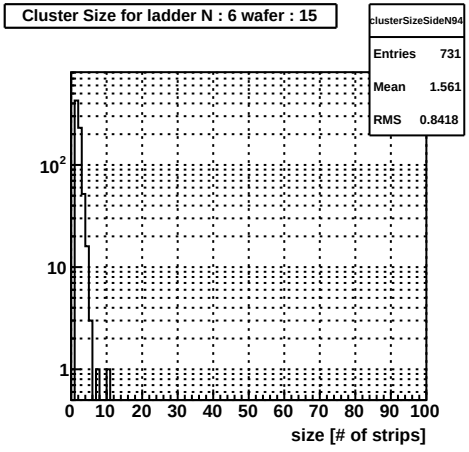

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 724
Mean 1.511
RMS 0.8482
size [# of strips]

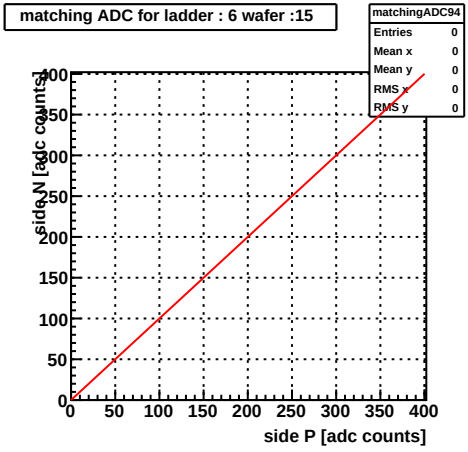

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 435
Mean x 77.09
Mean y 81
RMS x 52.41
RMS y 57.13
side N [adc counts]
side P [adc counts]

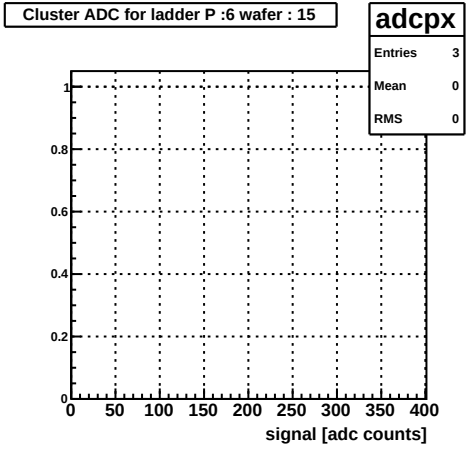

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 2836
Mean 50.44
RMS 49.51
signal [adc counts]

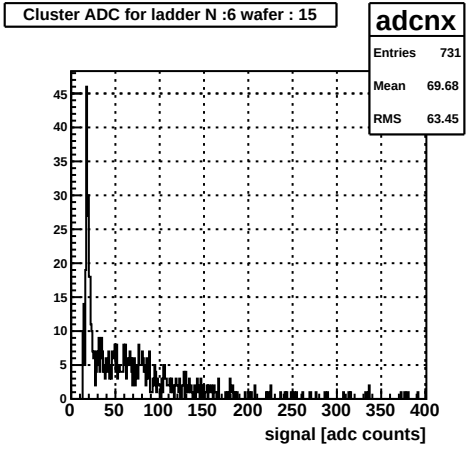

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 724
Mean 69.37
RMS 58.52
signal [adc counts]

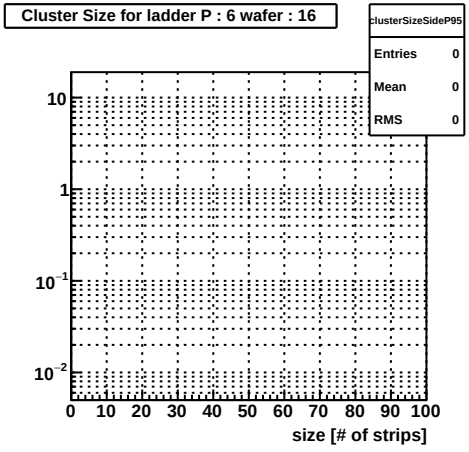

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 3
Mean 1
RMS 0
size [# of strips]

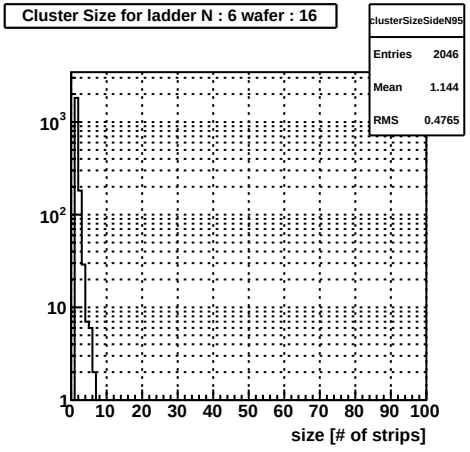

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 731
Mean 1.561
RMS 0.8418
size [# of strips]

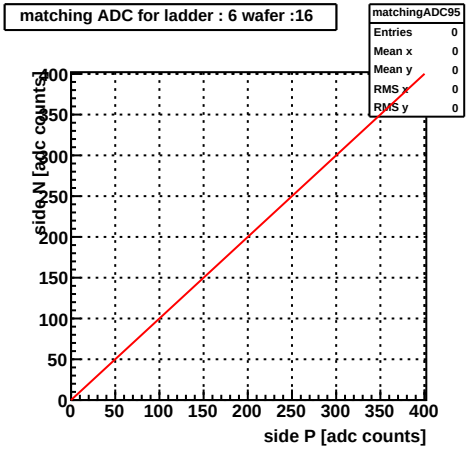

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

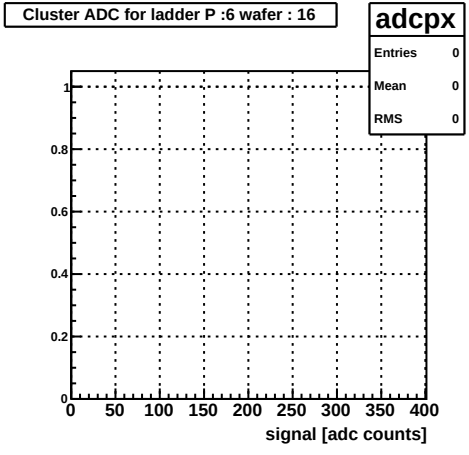

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 3
Mean 0
RMS 0
signal [adc counts]

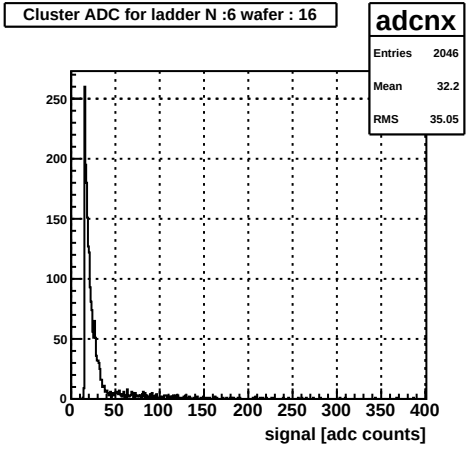

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 731
Mean 69.68
RMS 63.45
signal [adc counts]

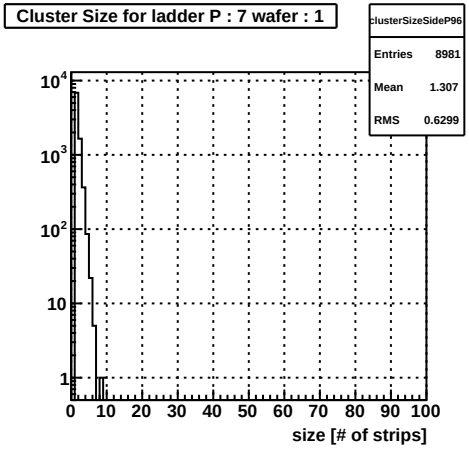

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

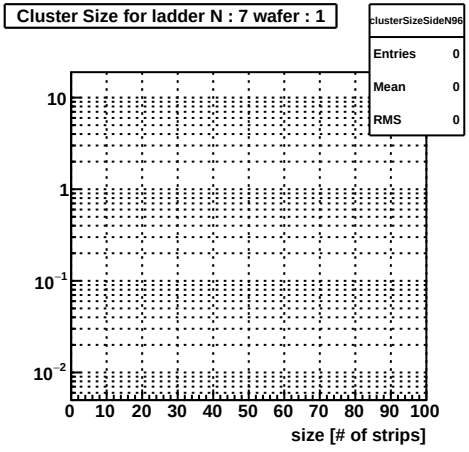

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 2046
Mean 1.144
RMS 0.4765
size [# of strips]

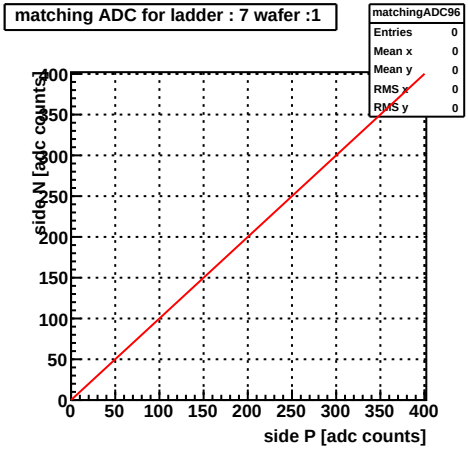

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

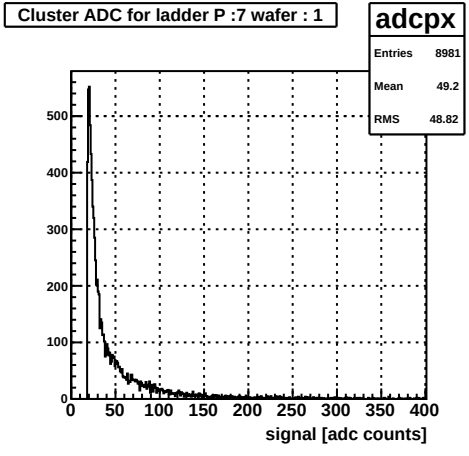

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

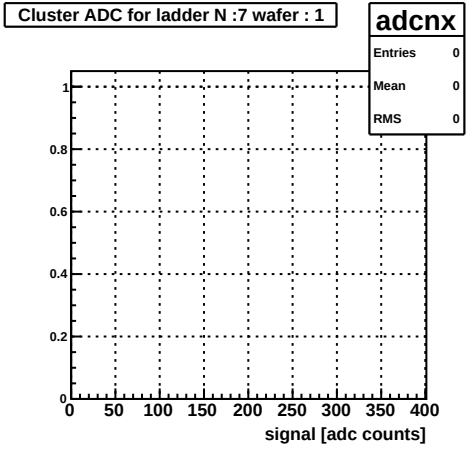

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 2046
Mean 32.2
RMS 35.05
signal [adc counts]

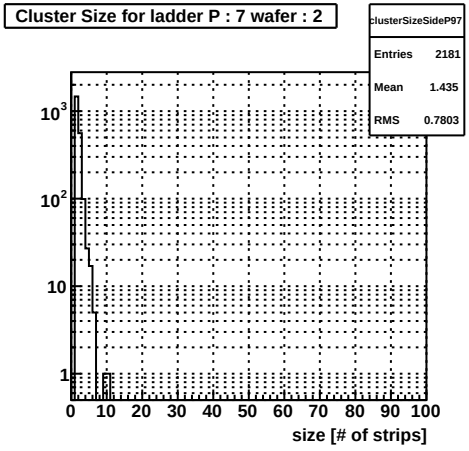

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 8981
Mean 1.307
RMS 0.6299
size [# of strips]

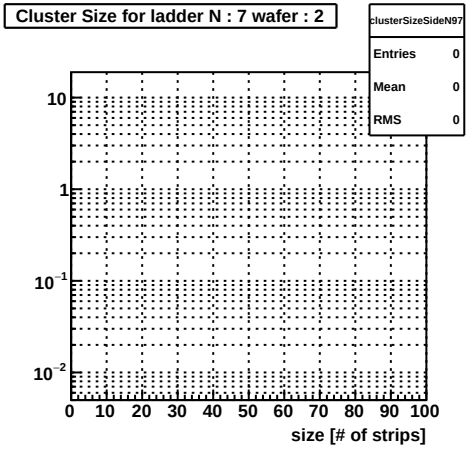

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

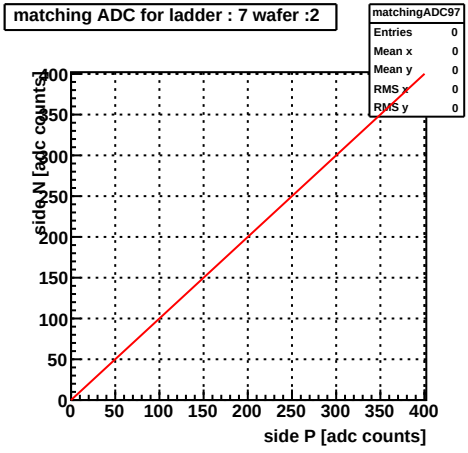

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

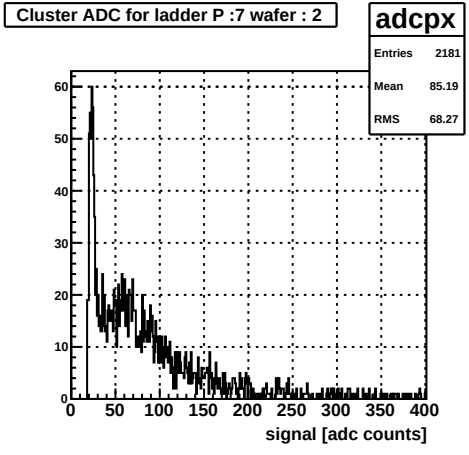

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 8981
Mean 49.2
RMS 48.82
signal [adc counts]

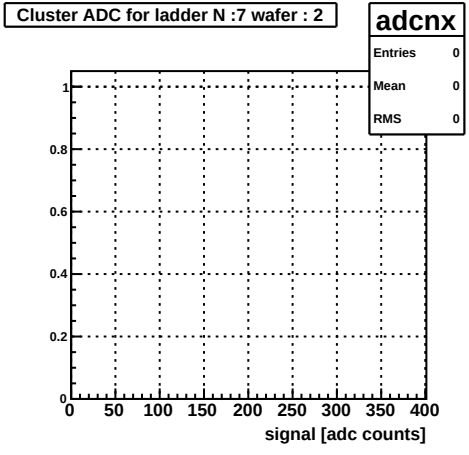

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

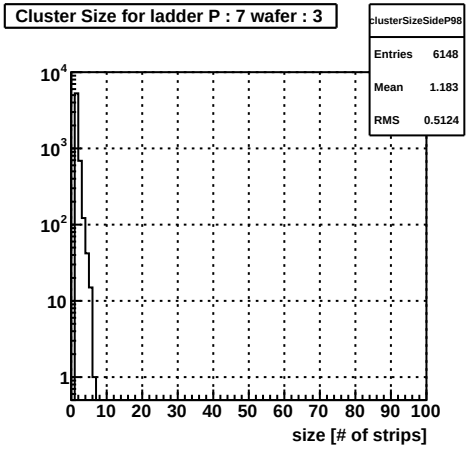

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 2181
Mean 1.435
RMS 0.7803
size [# of strips]

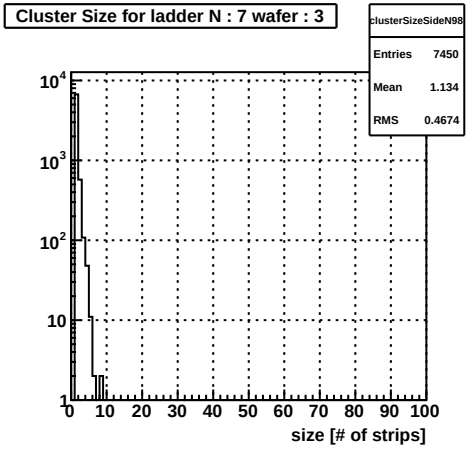

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

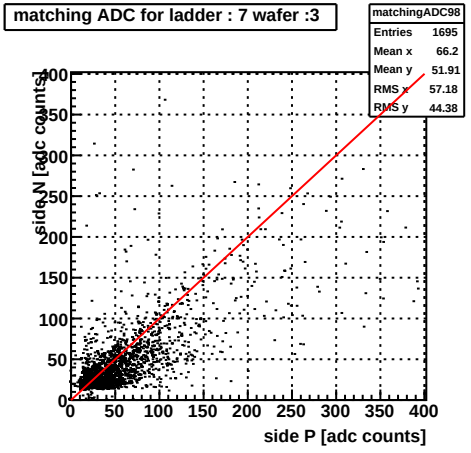

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

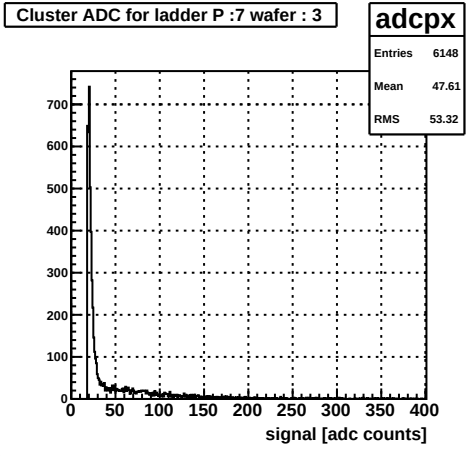

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 2181
Mean 85.19
RMS 68.27
signal [adc counts]

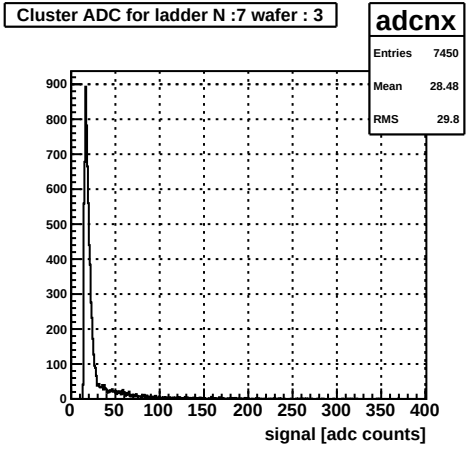

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

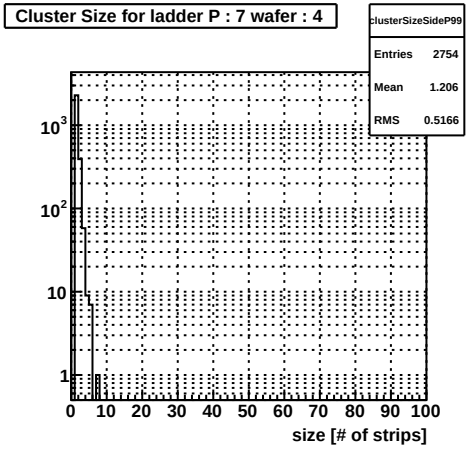

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 6148
Mean 1.183
RMS 0.5124
size [# of strips]

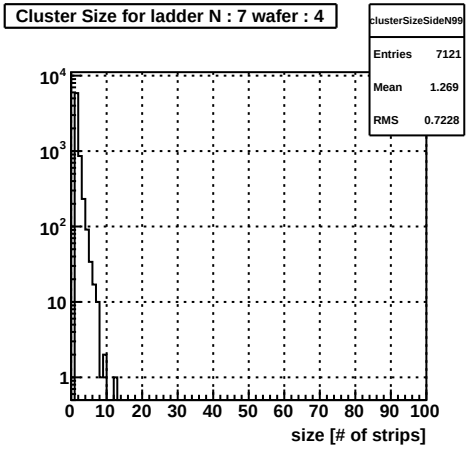

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 7450
Mean 1.134
RMS 0.4674
size [# of strips]

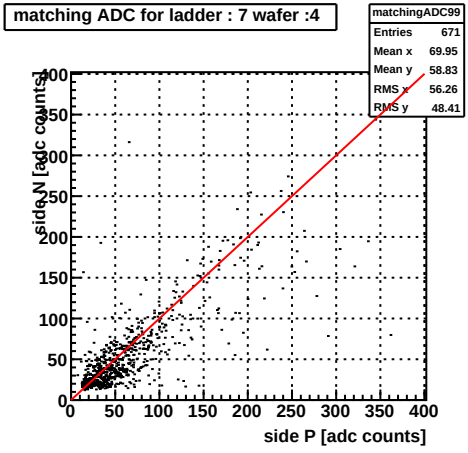

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 1695
Mean x 66.2
Mean y 51.91
RMS x 57.18
RMS y 44.38
side N [adc counts]
side P [adc counts]

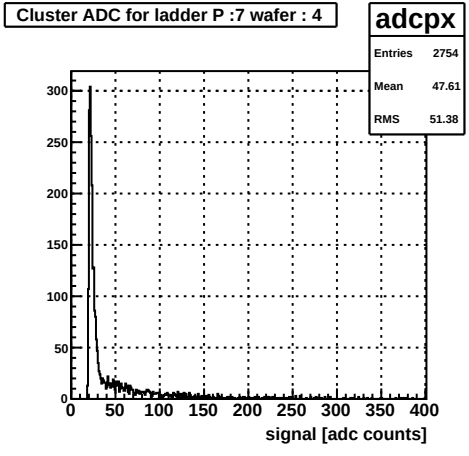

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 6148
Mean 47.61
RMS 53.32
signal [adc counts]

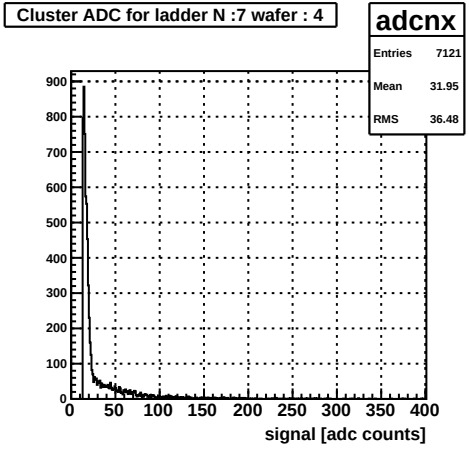

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 7450
Mean 28.48
RMS 29.8
signal [adc counts]

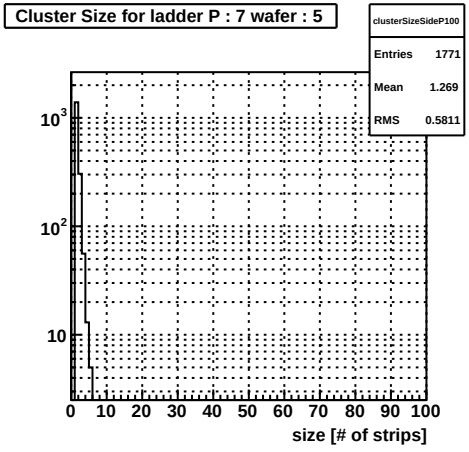

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2754
Mean 1.206
RMS 0.5166
size [# of strips]

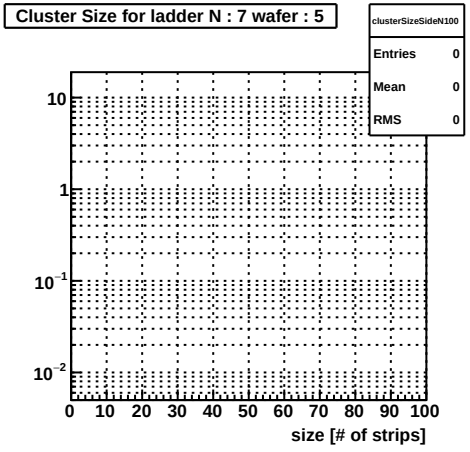

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 7121
Mean 1.269
RMS 0.7228
size [# of strips]

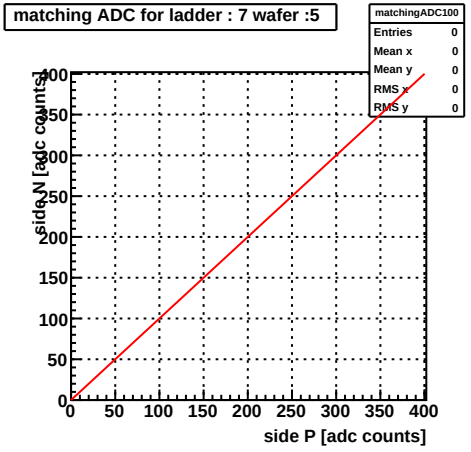

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 671
Mean x 69.95
Mean y 58.83
RMS x 56.26
RMS y 48.41
side N [adc counts]
side P [adc counts]

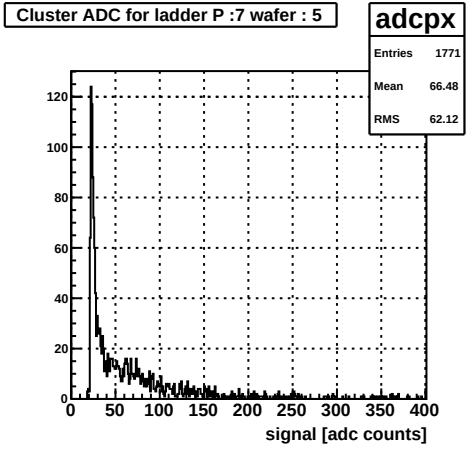

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2754
Mean 47.61
RMS 51.38
signal [adc counts]

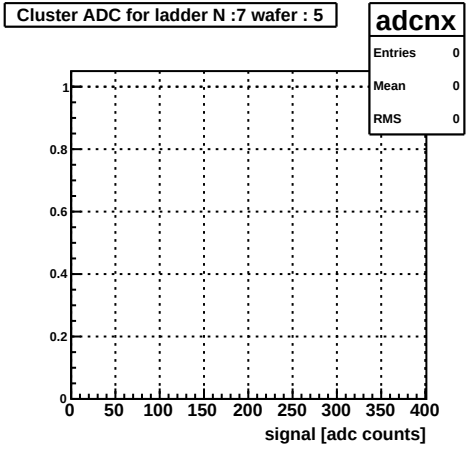

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 7121
Mean 31.95
RMS 36.48
signal [adc counts]

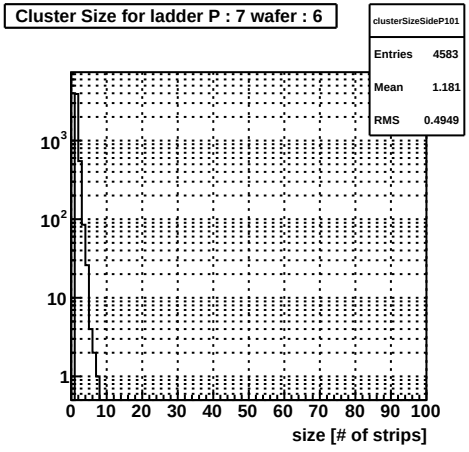

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 1771
Mean 1.269
RMS 0.5811
size [# of strips]

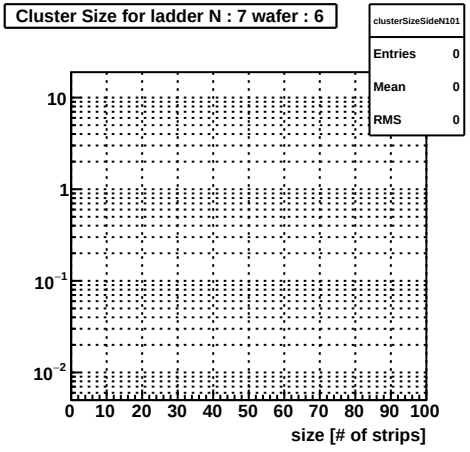

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

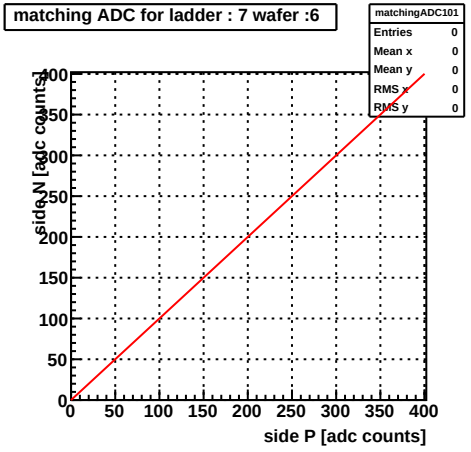

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

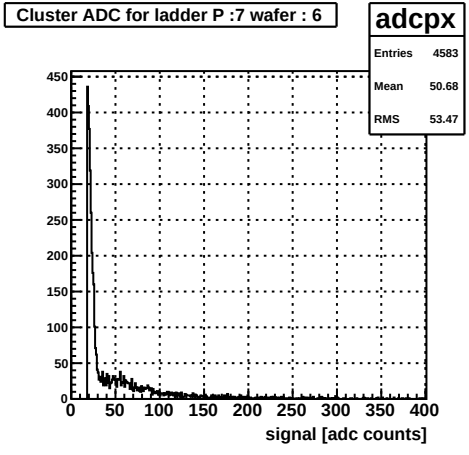

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 1771
Mean 66.48
RMS 62.12
signal [adc counts]

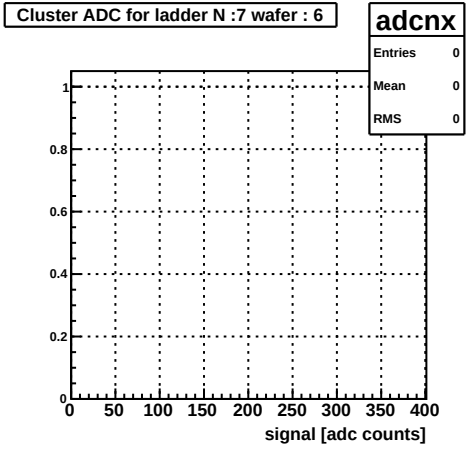

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

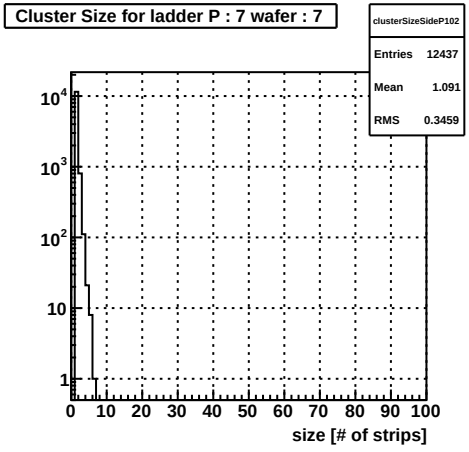

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 4583
Mean 1.181
RMS 0.4949
size [# of strips]

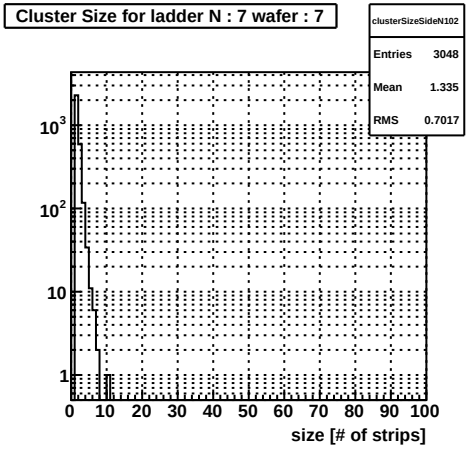

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

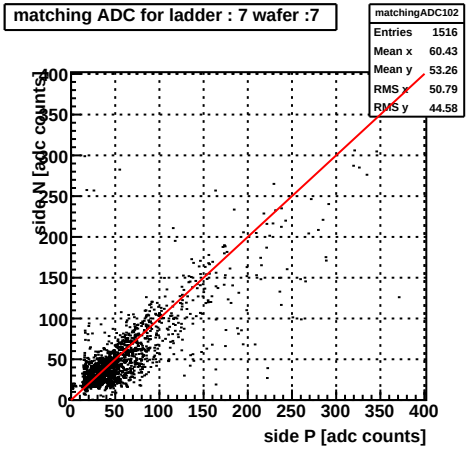

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

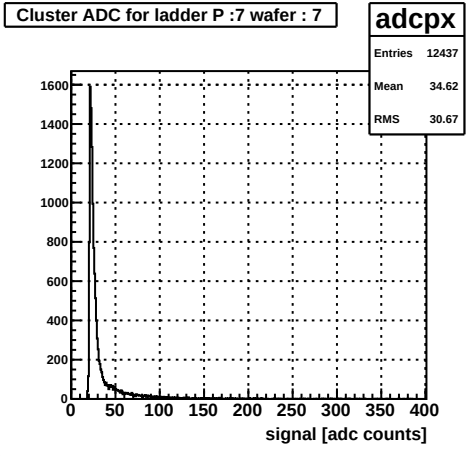

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 4583
Mean 50.68
RMS 53.47
signal [adc counts]

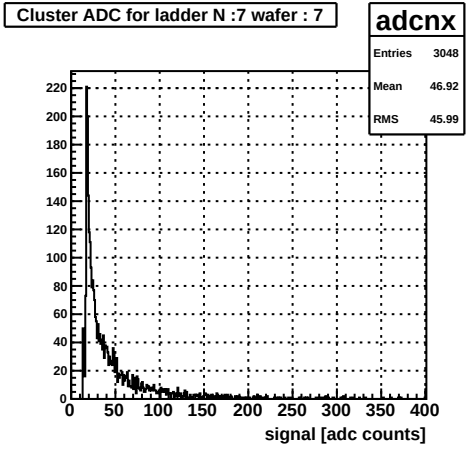

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

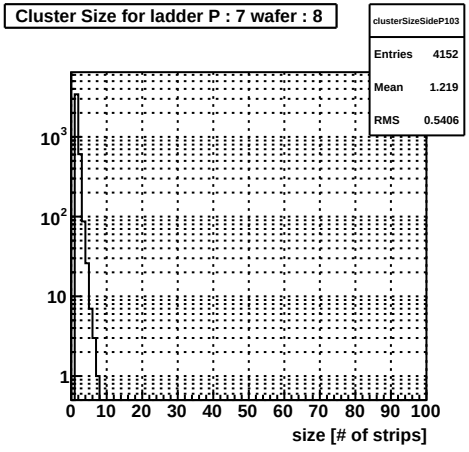

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 12437
Mean 1.091
RMS 0.3459
size [# of strips]

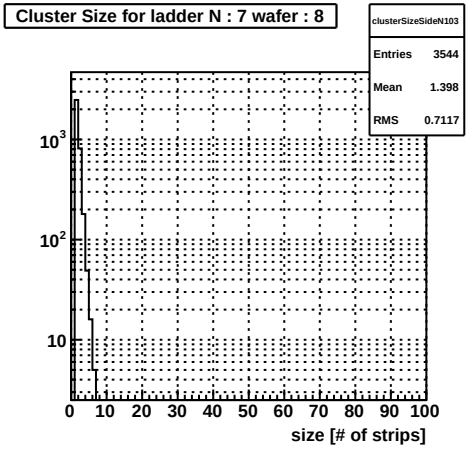

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 3048
Mean 1.335
RMS 0.7017
size [# of strips]

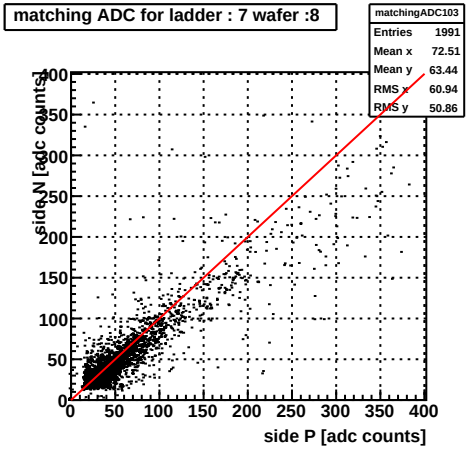

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 1516
Mean x 60.43
Mean y 53.26
RMS x 50.79
RMS y 44.58
side N [adc counts]
side P [adc counts]

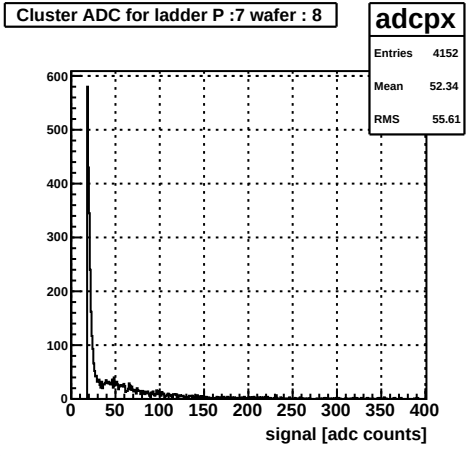

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 12437
Mean 34.62
RMS 30.67
signal [adc counts]

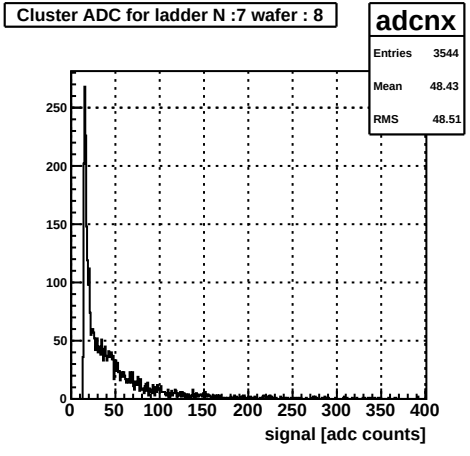

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 3048
Mean 46.92
RMS 45.99
signal [adc counts]

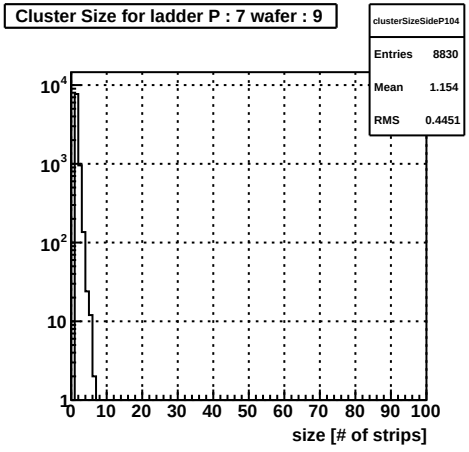

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 4152
Mean 1.219
RMS 0.5406
size [# of strips]

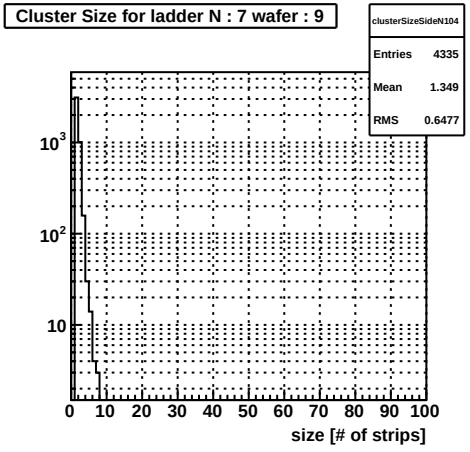

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 3544
Mean 1.398
RMS 0.7117
size [# of strips]

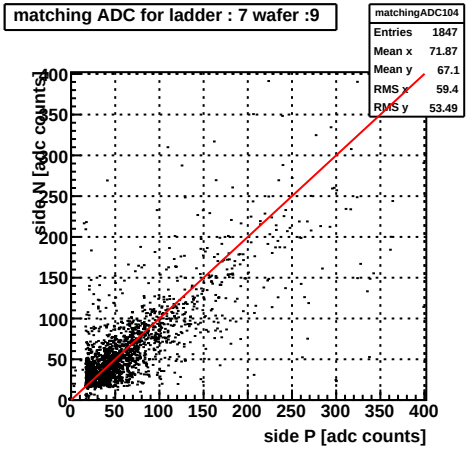

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 1991
Mean x 72.51
Mean y 63.44
RMS x 60.94
RMS y 50.86
side N [adc counts]
side P [adc counts]

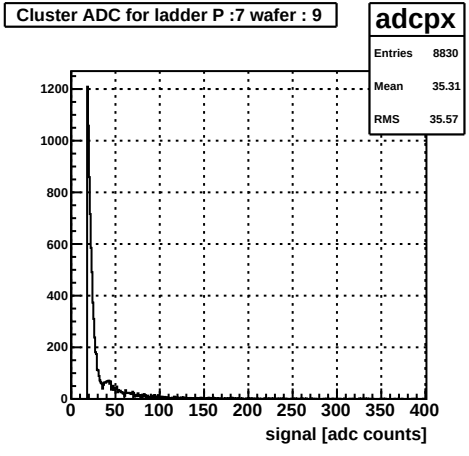

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 4152
Mean 52.34
RMS 55.61
signal [adc counts]

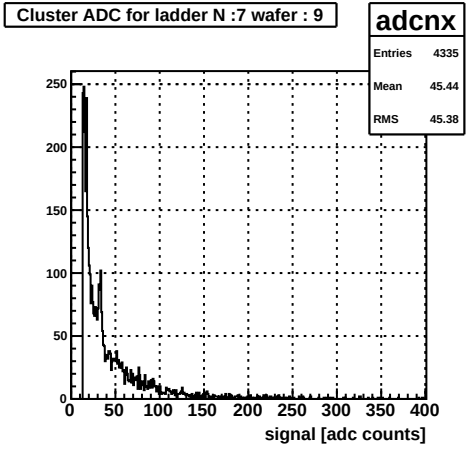

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 3544
Mean 48.43
RMS 48.51
signal [adc counts]

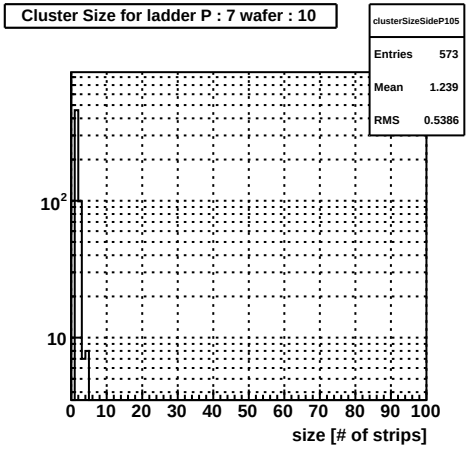

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 8830
Mean 1.154
RMS 0.4451
size [# of strips]

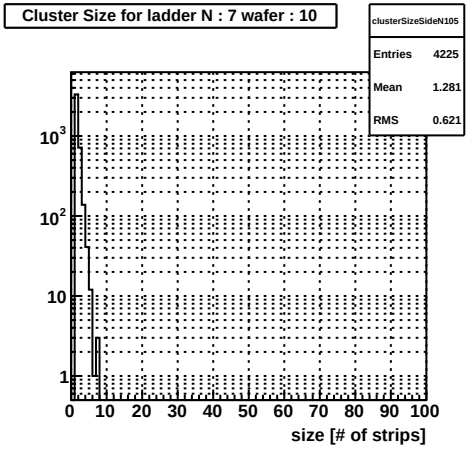

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 4335
Mean 1.349
RMS 0.6477
size [# of strips]

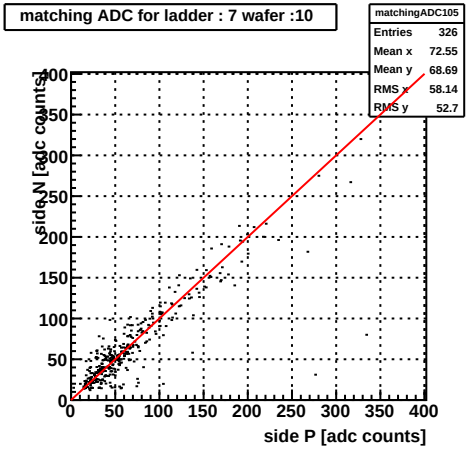

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 1847
Mean x 71.87
Mean y 67.1
RMS x 59.4
RMS y 53.49
side N [adc counts]
side P [adc counts]

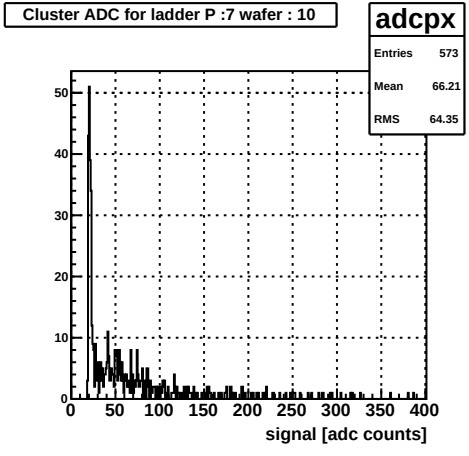

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 8830
Mean 35.31
RMS 35.57
signal [adc counts]

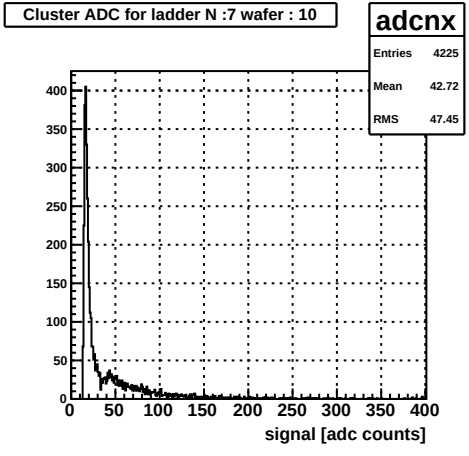

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 4335
Mean 45.44
RMS 45.38
signal [adc counts]

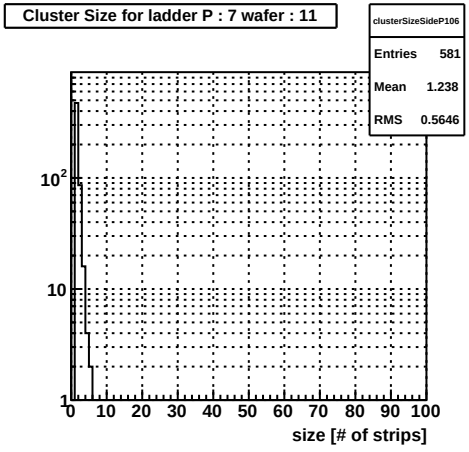

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 573
Mean 1.239
RMS 0.5386
size [# of strips]

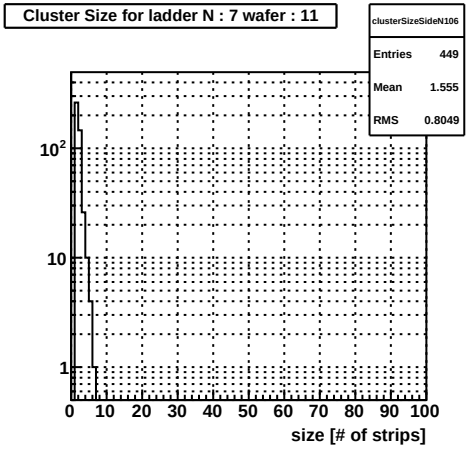

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 4225
Mean 1.281
RMS 0.621
size [# of strips]

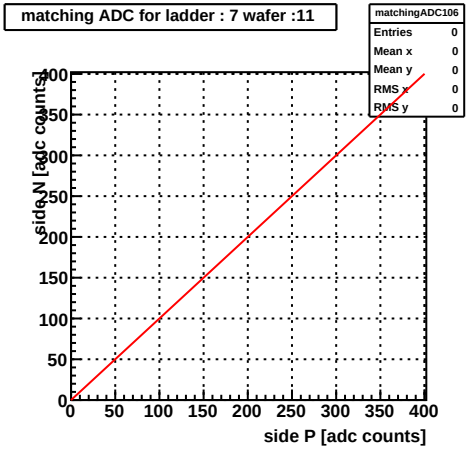

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 326
Mean x 72.55
Mean y 68.69
RMS x 58.14
RMS y 52.7
side N [adc counts]
side P [adc counts]

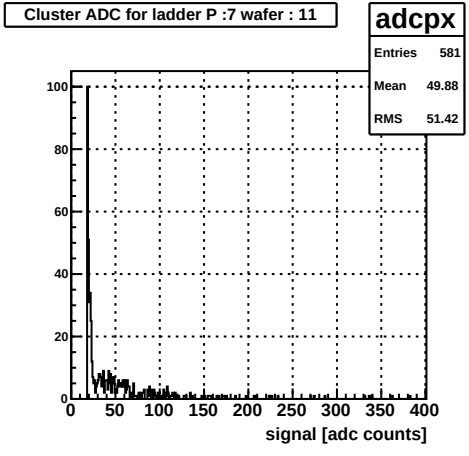

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 573
Mean 66.21
RMS 64.35
signal [adc counts]

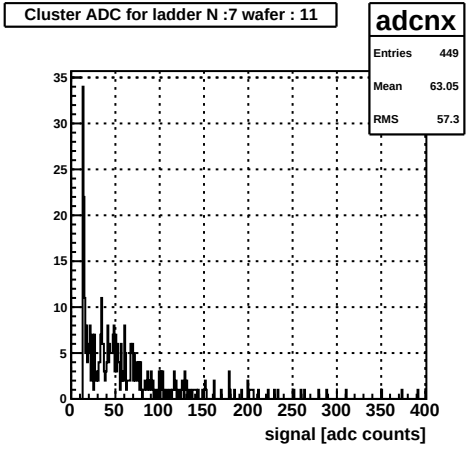

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 4225
Mean 42.72
RMS 47.45
signal [adc counts]

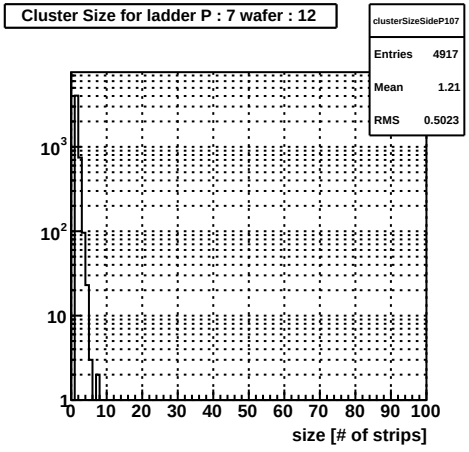

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 581
Mean 1.238
RMS 0.5646
size [# of strips]

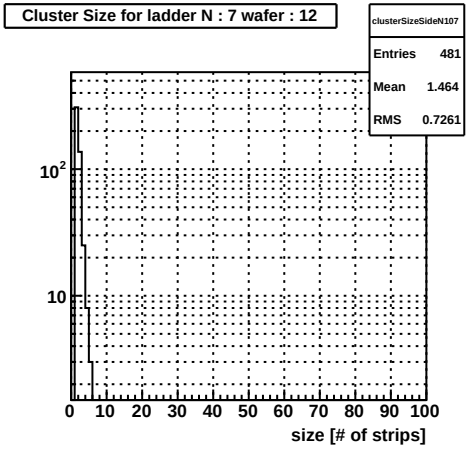

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 449
Mean 1.555
RMS 0.8049
size [# of strips]

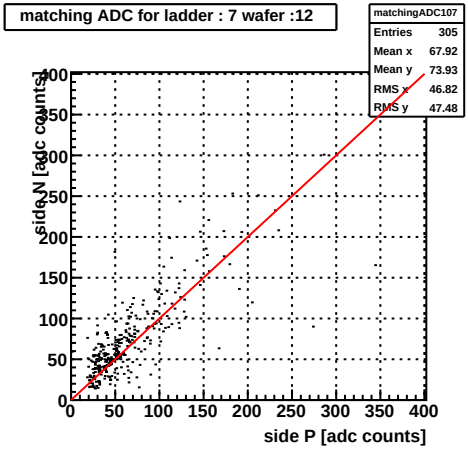

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

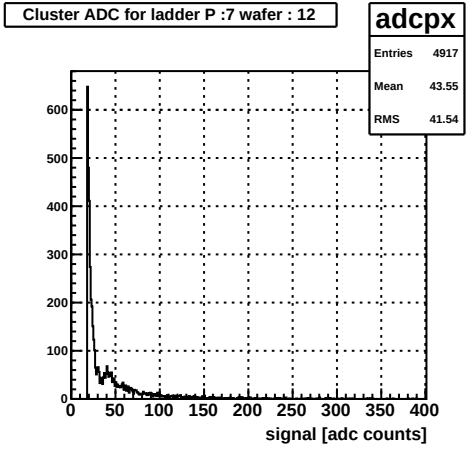

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 581
Mean 49.88
RMS 51.42
signal [adc counts]

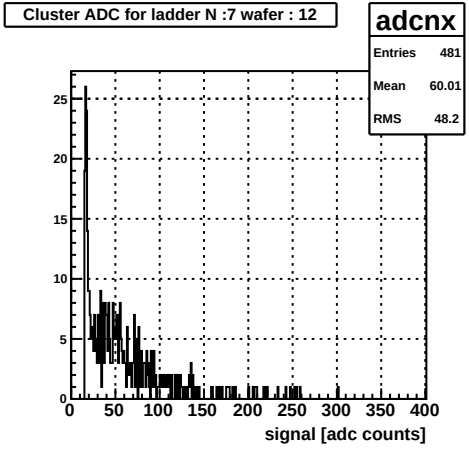

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 449
Mean 63.05
RMS 57.3
signal [adc counts]

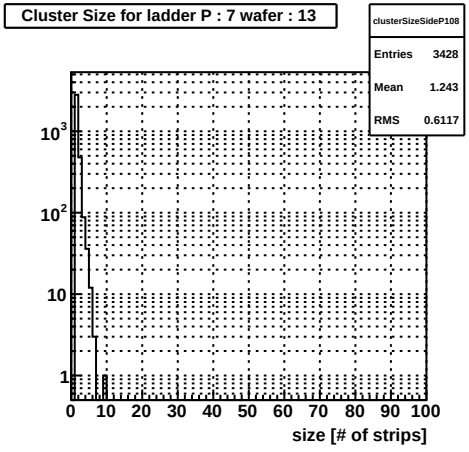

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 4917
Mean 1.21
RMS 0.5023
size [# of strips]

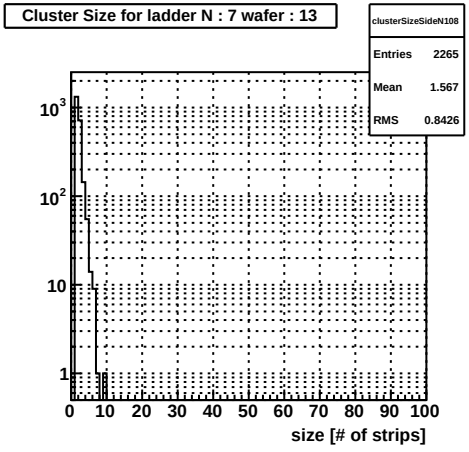

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 481
Mean 1.464
RMS 0.7261
size [# of strips]

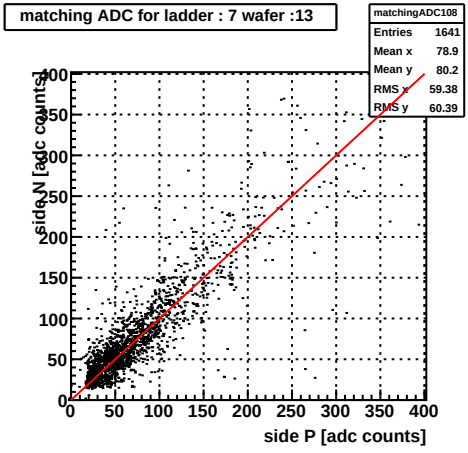

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 305
Mean x 67.92
Mean y 73.93
RMS x 46.82
RMS y 47.48
side N [adc counts]
side P [adc counts]

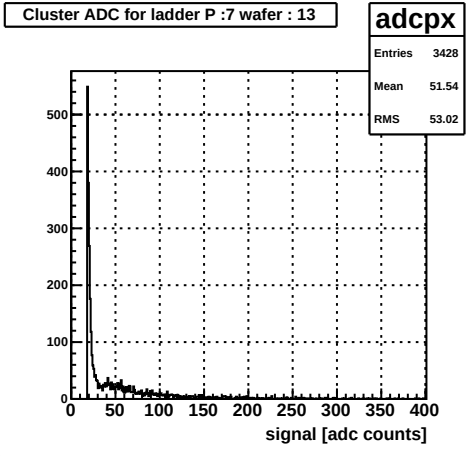

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 4917
Mean 43.55
RMS 41.54
signal [adc counts]

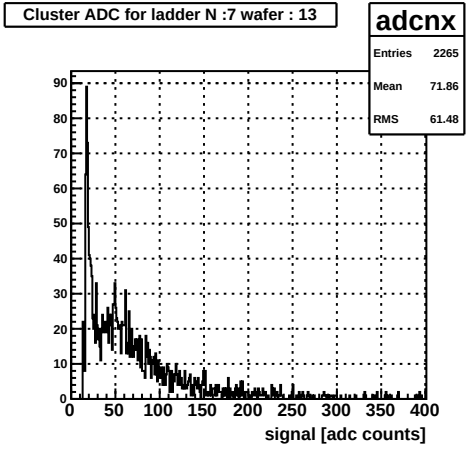

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 481
Mean 60.01
RMS 48.2
signal [adc counts]

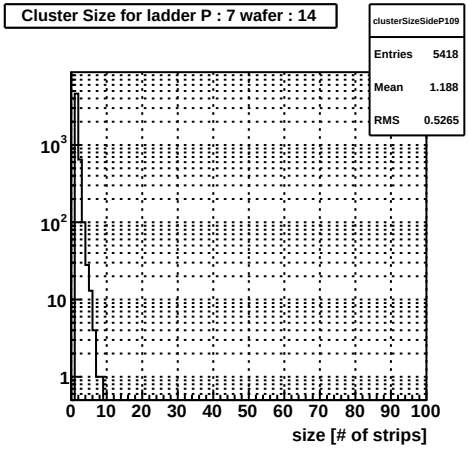

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 3428
Mean 1.243
RMS 0.6117
size [# of strips]

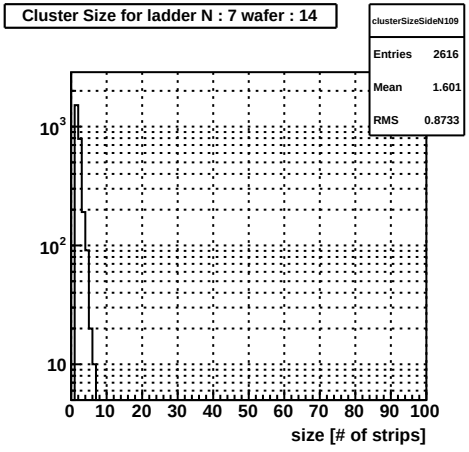

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 2265
Mean 1.567
RMS 0.8426
size [# of strips]

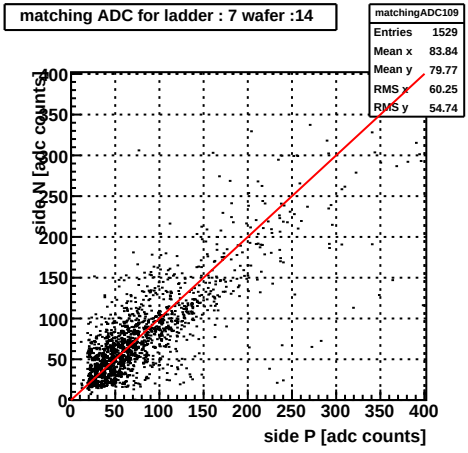

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 1641
Mean x 78.9
Mean y 80.2
RMS x 59.38
RMS y 60.39
side N [adc counts]
side P [adc counts]

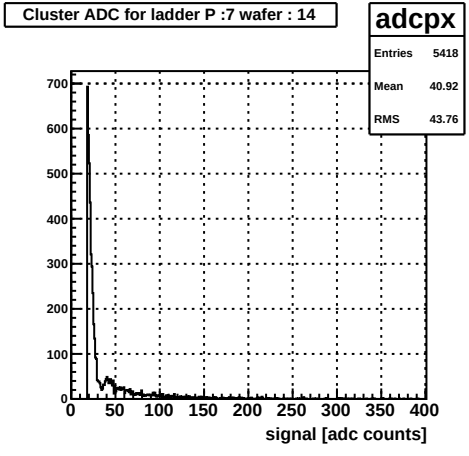

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 3428
Mean 51.54
RMS 53.02
signal [adc counts]

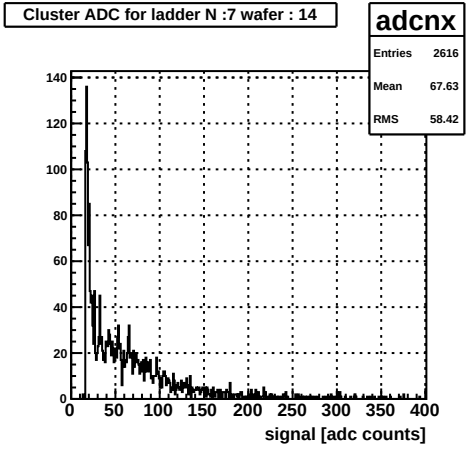

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 2265
Mean 71.86
RMS 61.48
signal [adc counts]

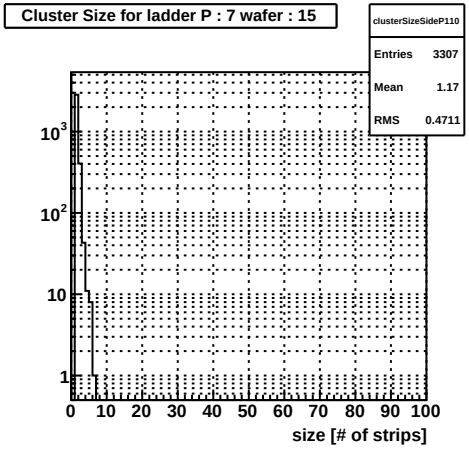

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 5418
Mean 1.188
RMS 0.5265
size [# of strips]

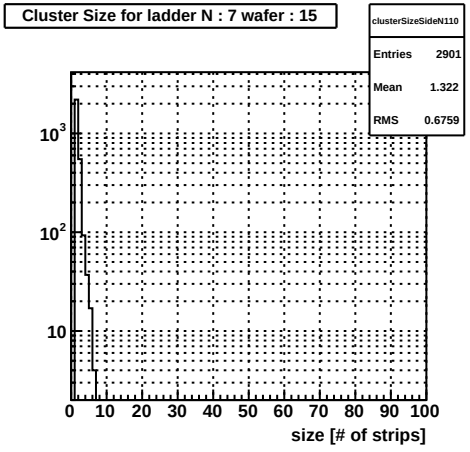

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 2616
Mean 1.601
RMS 0.8733
size [# of strips]

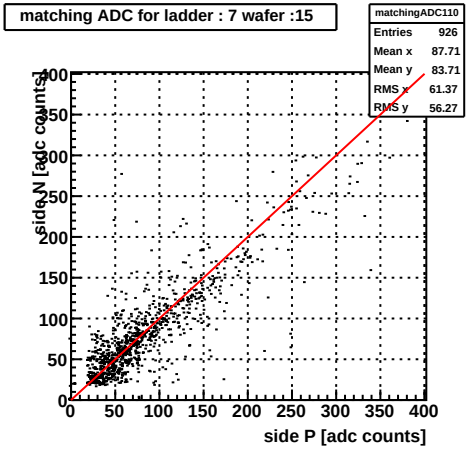

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 1529
Mean x 83.84
Mean y 79.77
RMS x 60.25
RMS y 54.74
side N [adc counts]
side P [adc counts]

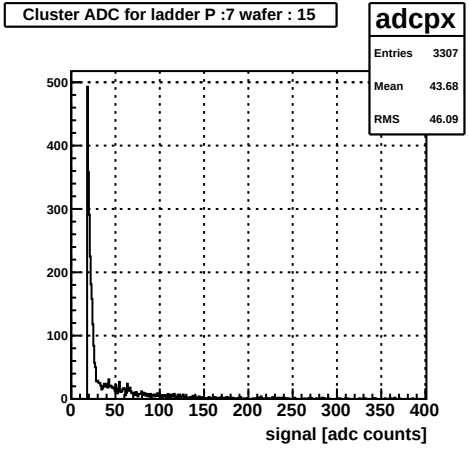

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 5418
Mean 40.92
RMS 43.76
signal [adc counts]

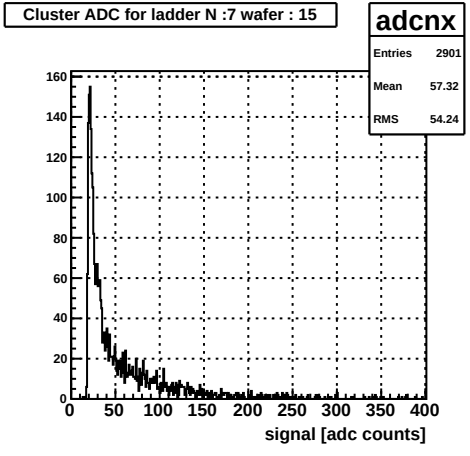

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 2616
Mean 67.63
RMS 58.42
signal [adc counts]

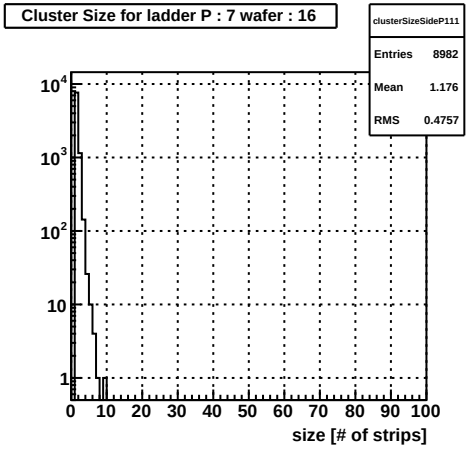

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 3307
Mean 1.17
RMS 0.4711
size [# of strips]

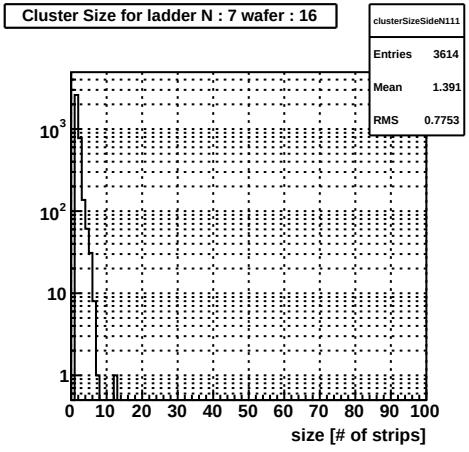

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 2901
Mean 1.322
RMS 0.6759
size [# of strips]

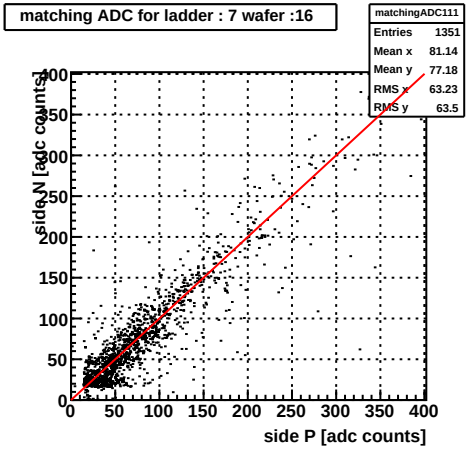

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 926
Mean x 87.71
Mean y 83.71
RMS x 61.37
RMS y 56.27
side N [adc counts]
side P [adc counts]

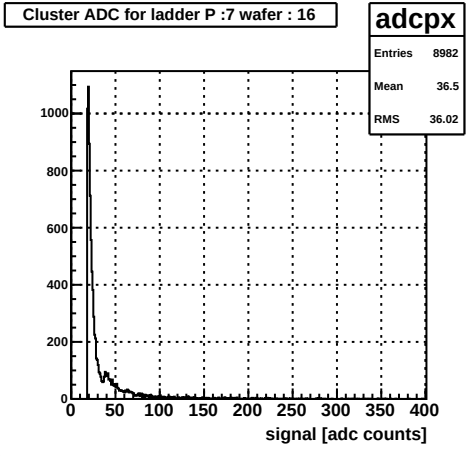

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 3307
Mean 43.68
RMS 46.09
signal [adc counts]

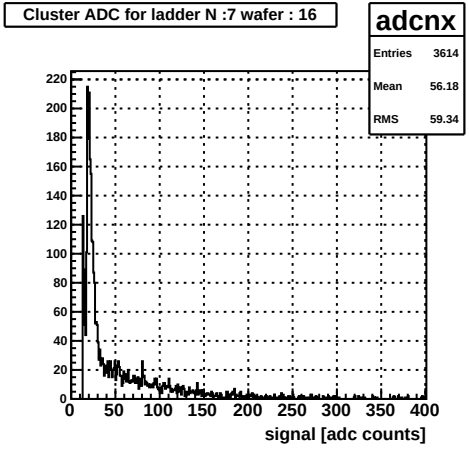

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 2901
Mean 57.32
RMS 54.24
signal [adc counts]

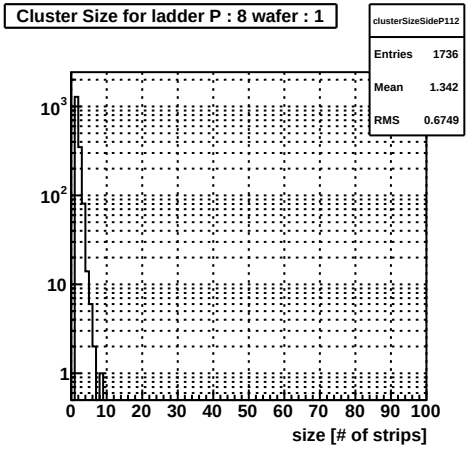

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 8982
Mean 1.176
RMS 0.4757
size [# of strips]

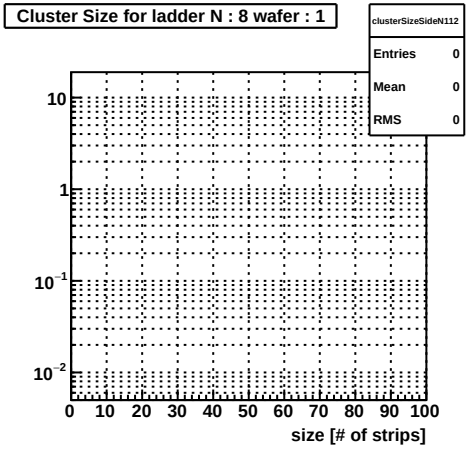

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 3614
Mean 1.391
RMS 0.7753
size [# of strips]

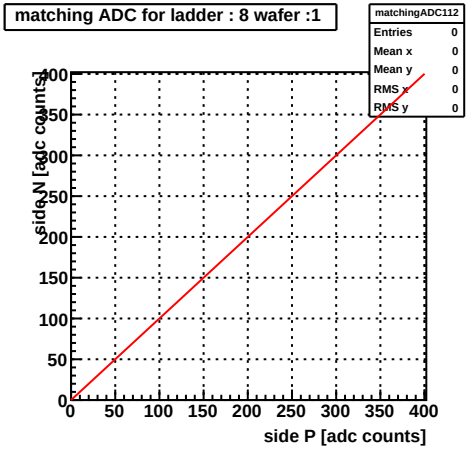

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 1351
Mean x 81.14
Mean y 77.18
RMS x 63.23
RMS y 63.5
side N [adc counts]
side P [adc counts]

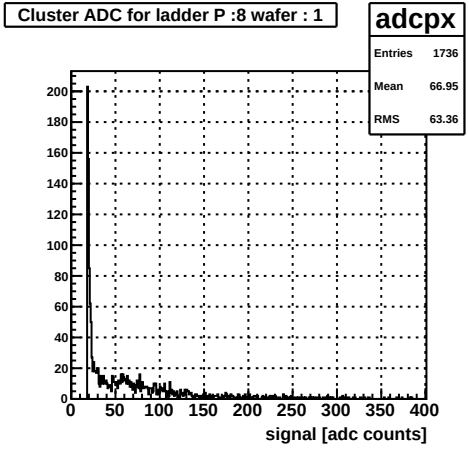

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 8982
Mean 36.5
RMS 36.02
signal [adc counts]

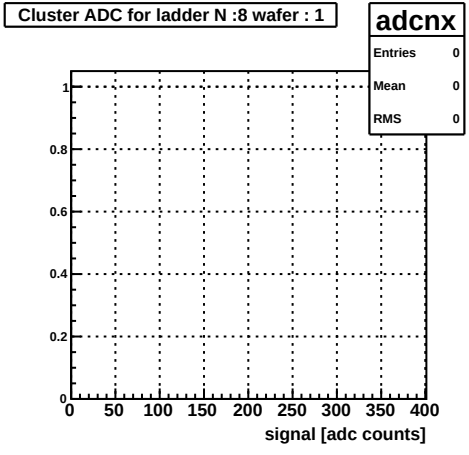

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 3614
Mean 56.18
RMS 59.34
signal [adc counts]

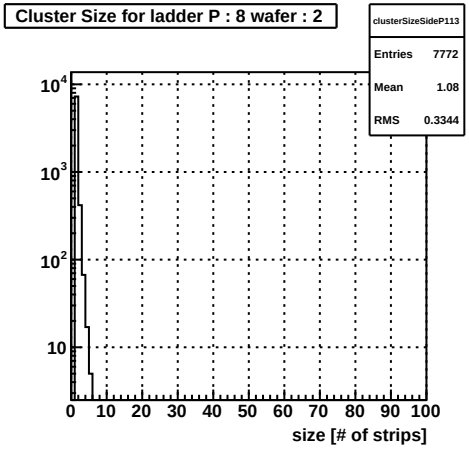

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 1736
Mean 1.342
RMS 0.6749
size [# of strips]

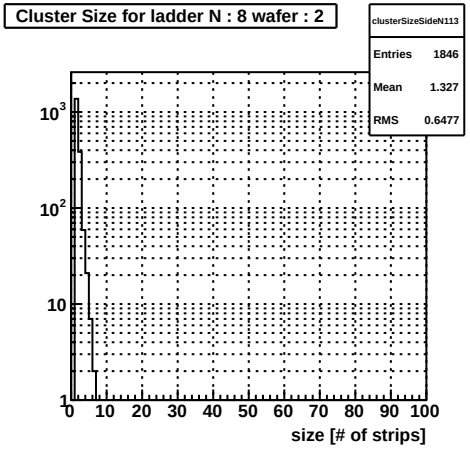

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

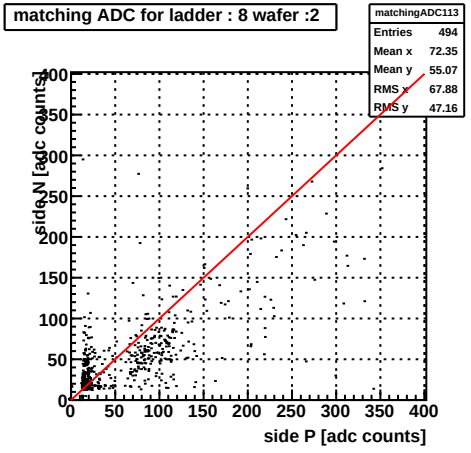

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

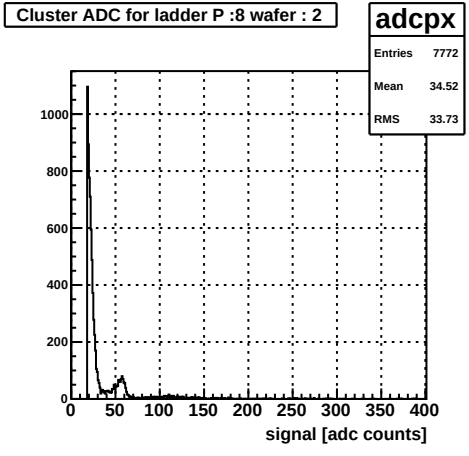

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 1736
Mean 66.95
RMS 63.36
signal [adc counts]

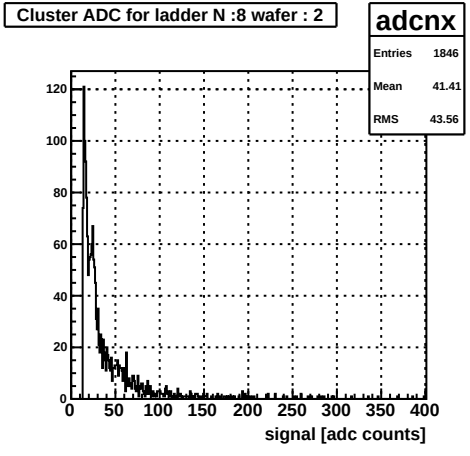

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

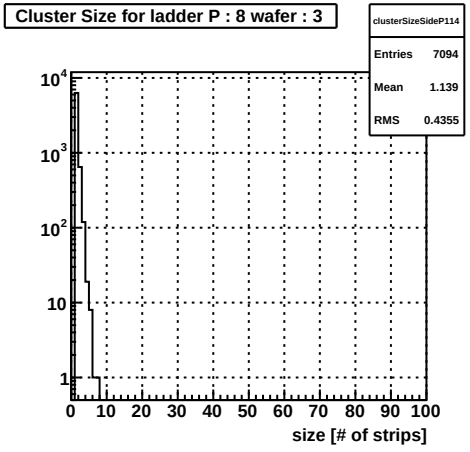

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 7772
Mean 1.08
RMS 0.3344
size [# of strips]

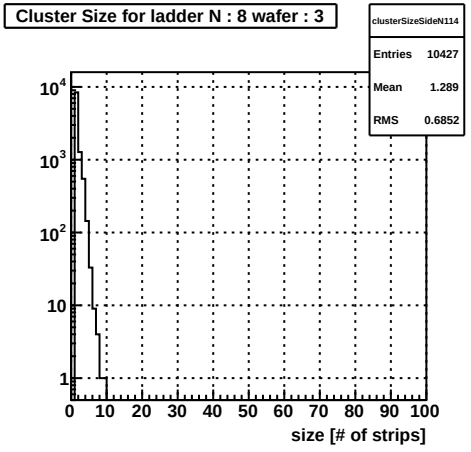

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 1846
Mean 1.327
RMS 0.6477
size [# of strips]

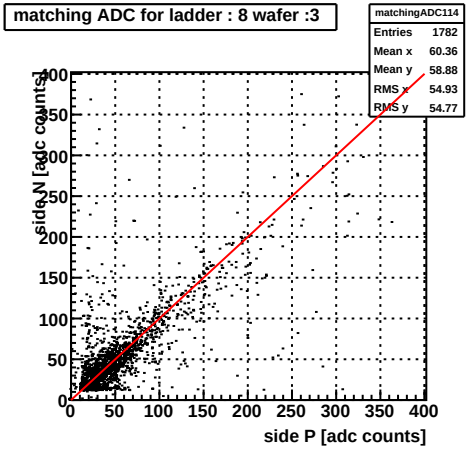

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 494
Mean x 72.35
Mean y 55.07
RMS x 67.88
RMS y 47.16
side N [adc counts]
side P [adc counts]

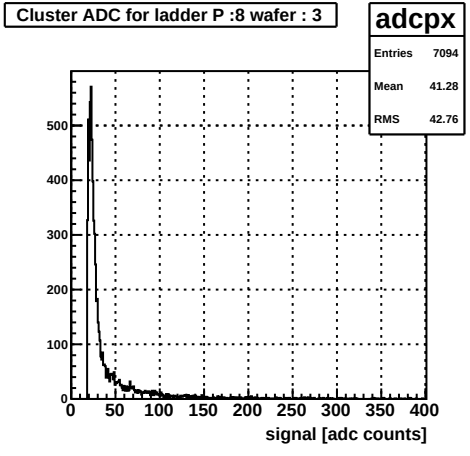

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 7772
Mean 34.52
RMS 33.73
signal [adc counts]

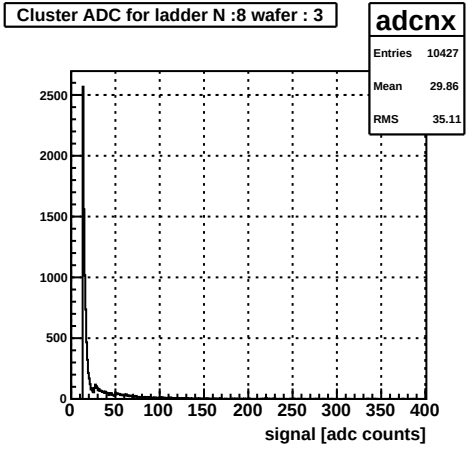

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 1846
Mean 41.41
RMS 43.56
signal [adc counts]

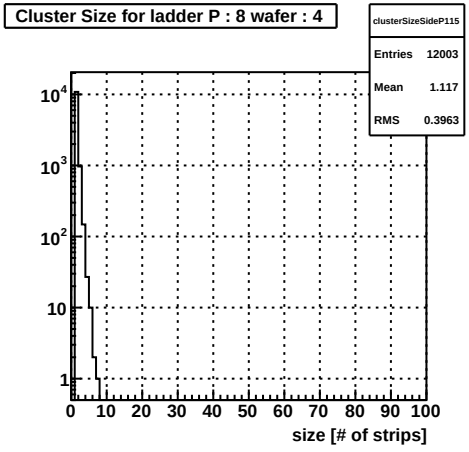

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 7094
Mean 1.139
RMS 0.4355
size [# of strips]

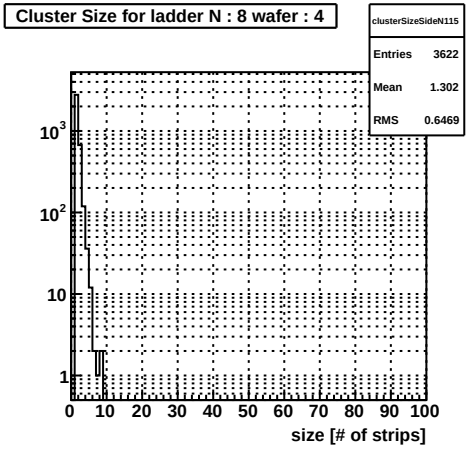

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 10427
Mean 1.289
RMS 0.6852
size [# of strips]

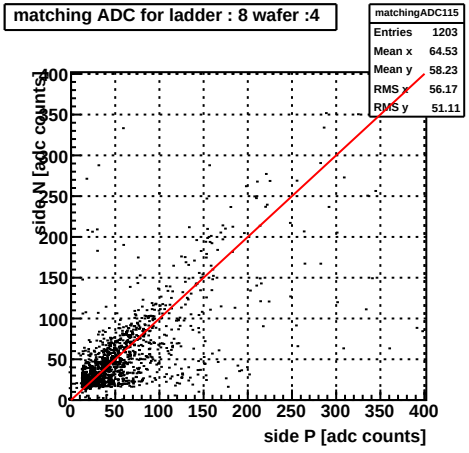

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 1782
Mean x 60.36
Mean y 58.88
RMS x 54.93
RMS y 54.77
side N [adc counts]
side P [adc counts]

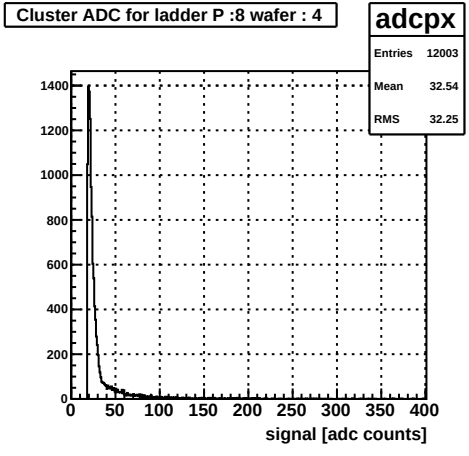

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 7094
Mean 41.28
RMS 42.76
signal [adc counts]

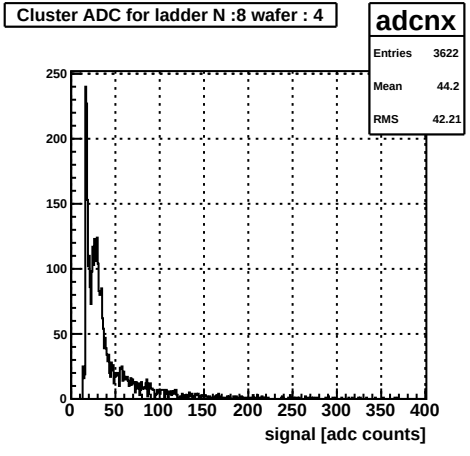

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 10427
Mean 29.86
RMS 35.11
signal [adc counts]

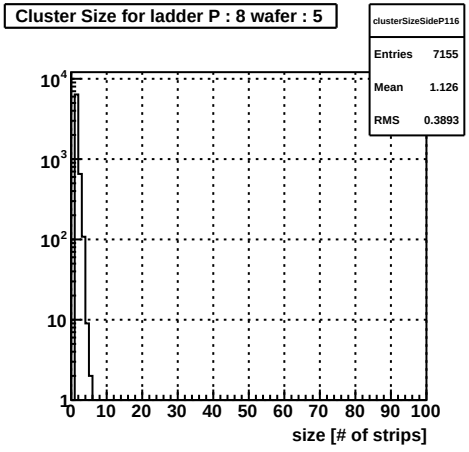

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 12003
Mean 1.117
RMS 0.3963
size [# of strips]

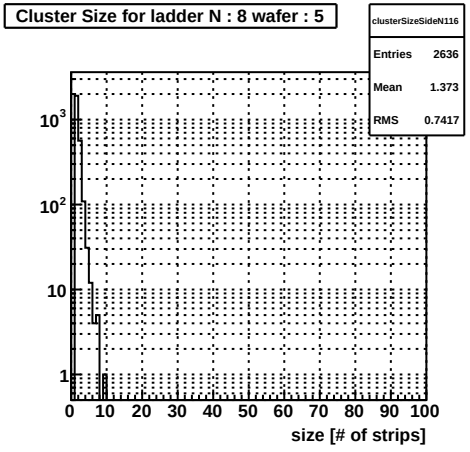

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 3622
Mean 1.302
RMS 0.6469
size [# of strips]

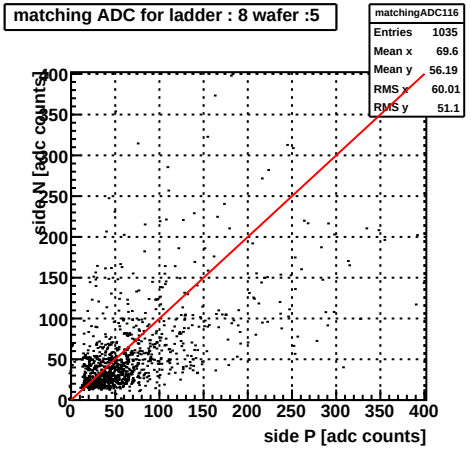

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 1203
Mean x 64.53
Mean y 58.23
RMS x 56.17
RMS y 51.11
side N [adc counts]
side P [adc counts]

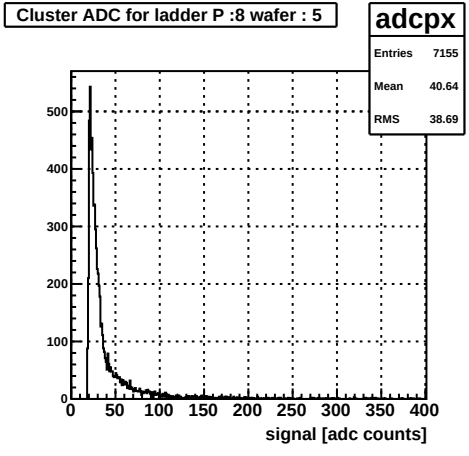

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 12003
Mean 32.54
RMS 32.25
signal [adc counts]

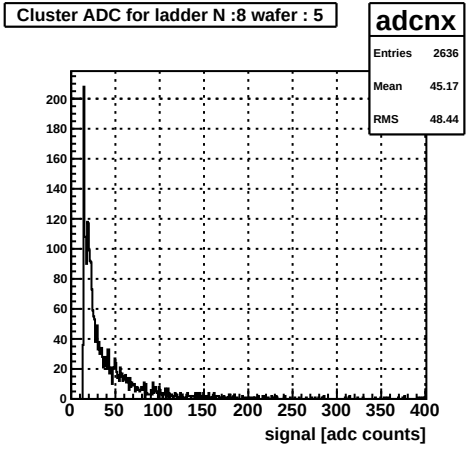

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 3622
Mean 44.2
RMS 42.21
signal [adc counts]

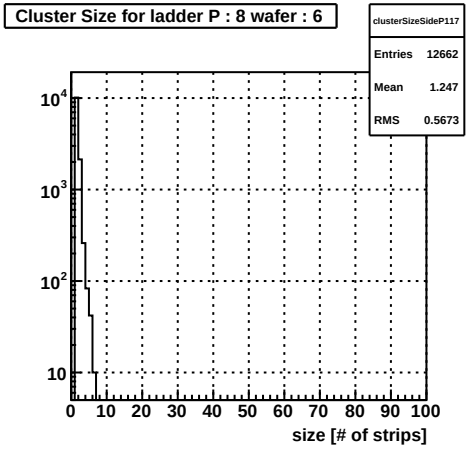

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 7155
Mean 1.126
RMS 0.3893
size [# of strips]

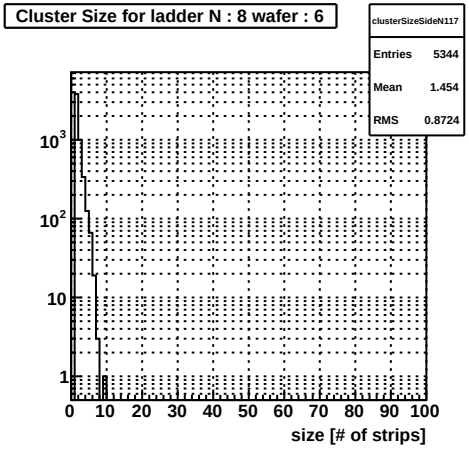

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2636
Mean 1.373
RMS 0.7417
size [# of strips]

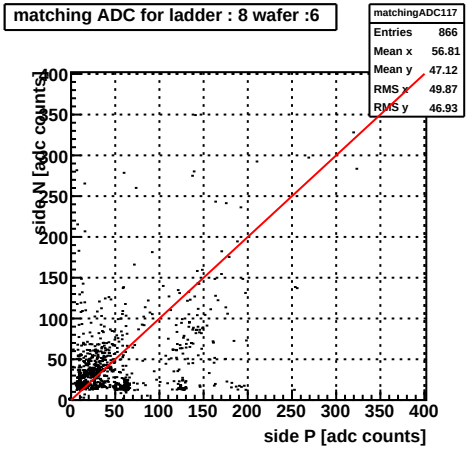

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 1035
Mean x 69.6
Mean y 56.19
RMS x 60.01
RMS y 51.1
side N [adc counts]
side P [adc counts]

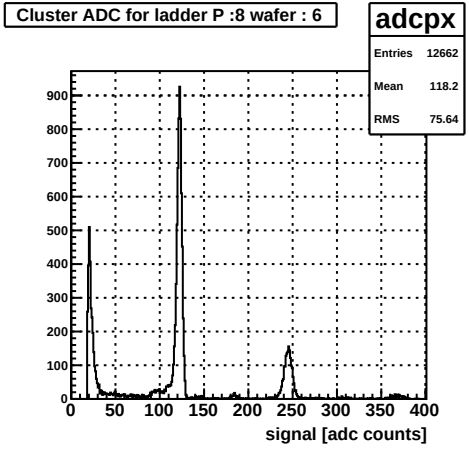

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 7155
Mean 40.64
RMS 38.69
signal [adc counts]

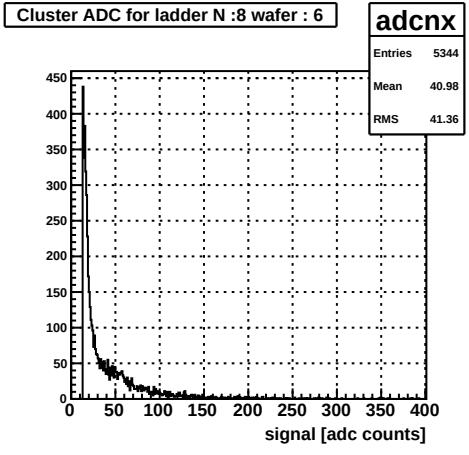

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2636
Mean 45.17
RMS 48.44
signal [adc counts]

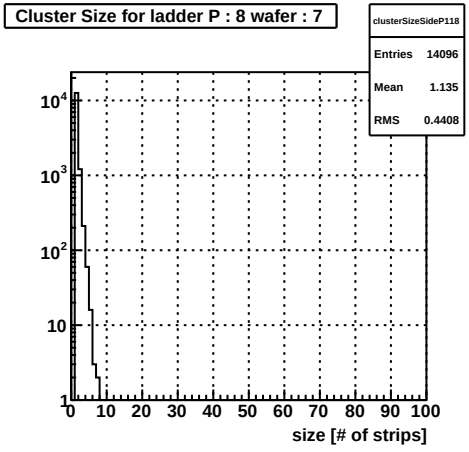

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 12662
Mean 1.247
RMS 0.5673
size [# of strips]

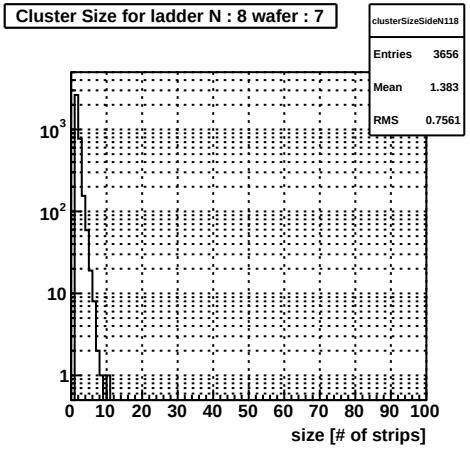

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5344
Mean 1.454
RMS 0.8724
size [# of strips]

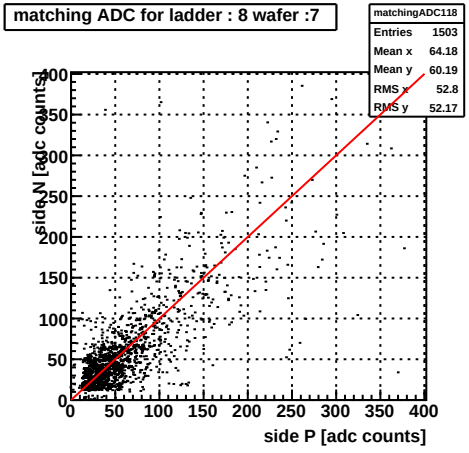

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 866
Mean x 56.81
Mean y 47.12
RMS x 49.87
RMS y 46.93
side N [adc counts]
side P [adc counts]

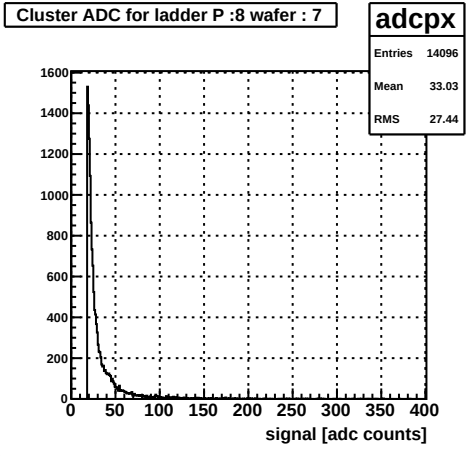

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 12662
Mean 118.2
RMS 75.64
signal [adc counts]

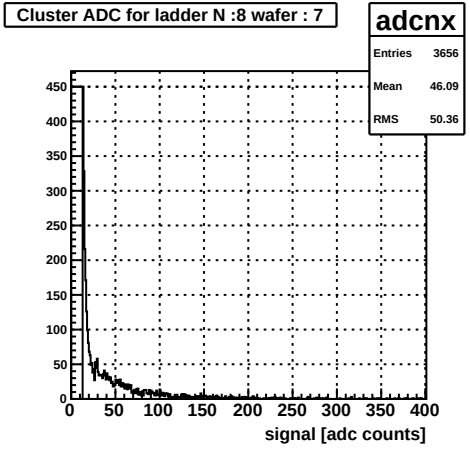

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5344
Mean 40.98
RMS 41.36
signal [adc counts]

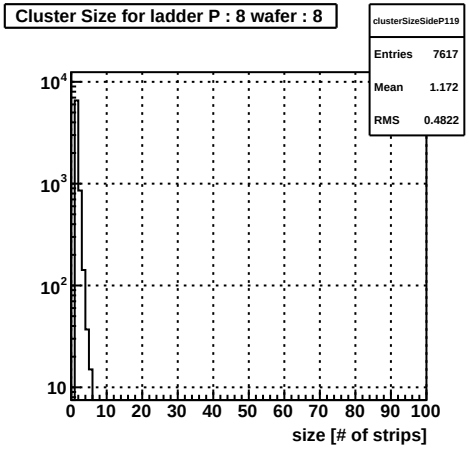

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 14096
Mean 1.135
RMS 0.4408
size [# of strips]

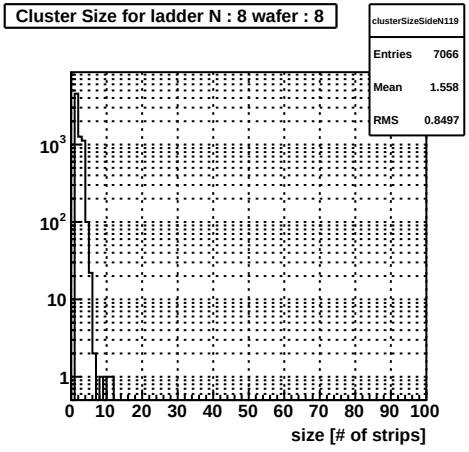

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 3656
Mean 1.383
RMS 0.7561
size [# of strips]

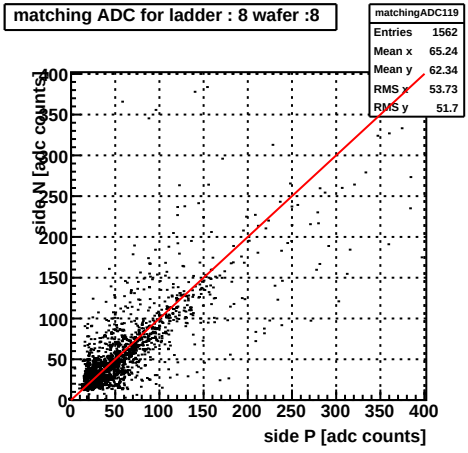

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 1503
Mean x 64.18
Mean y 60.19
RMS x 52.8
RMS y 52.17
side N [adc counts]
side P [adc counts]

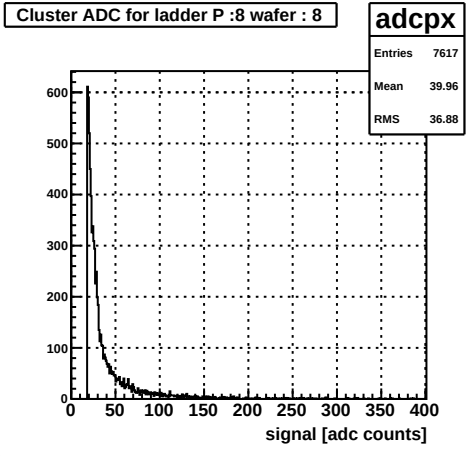

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 14096
Mean 33.03
RMS 27.44
signal [adc counts]

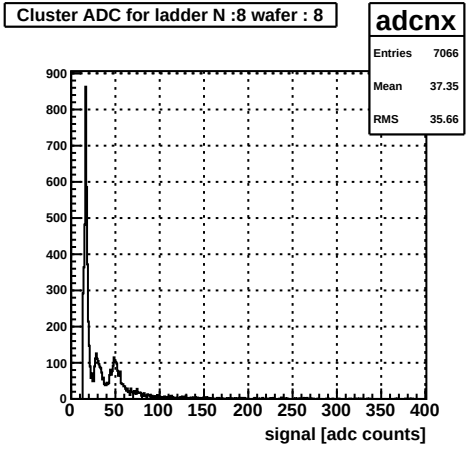

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 3656
Mean 46.09
RMS 50.36
signal [adc counts]

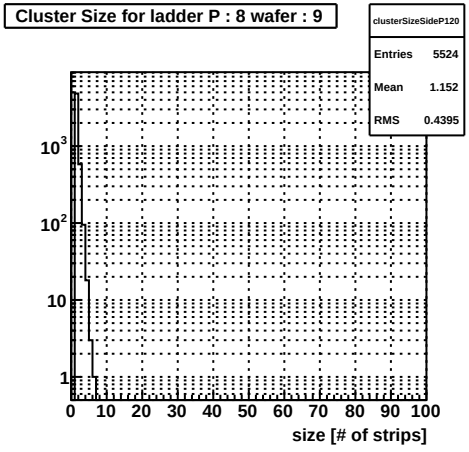

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 7617
Mean 1.172
RMS 0.4822
size [# of strips]

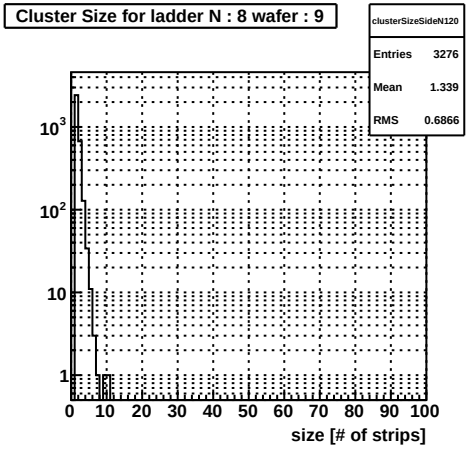

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 7066
Mean 1.558
RMS 0.8497
size [# of strips]

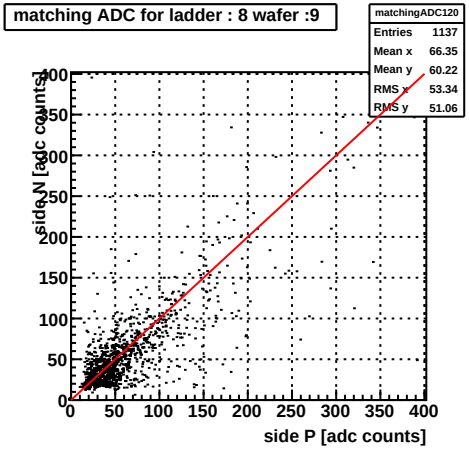

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 1562
Mean x 65.24
Mean y 62.34
RMS x 53.73
RMS y 51.7
side N [adc counts]
side P [adc counts]

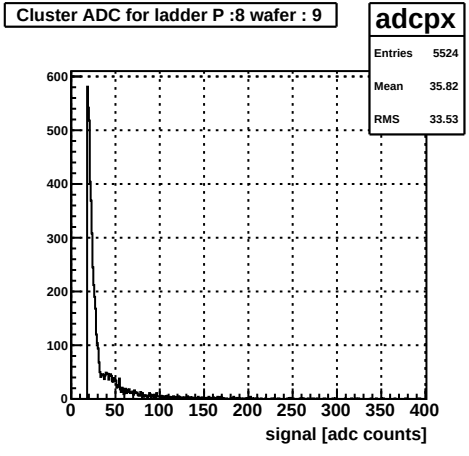

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 7617
Mean 39.96
RMS 36.88
signal [adc counts]

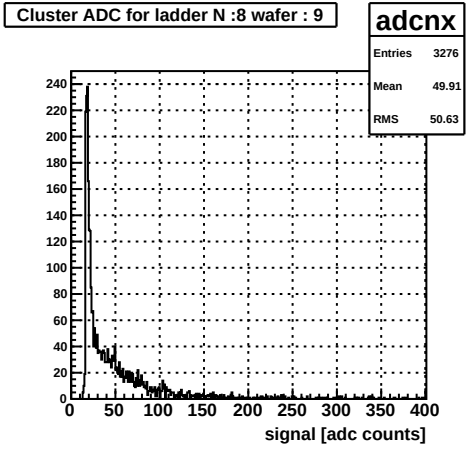

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 7066
Mean 37.35
RMS 35.66
signal [adc counts]

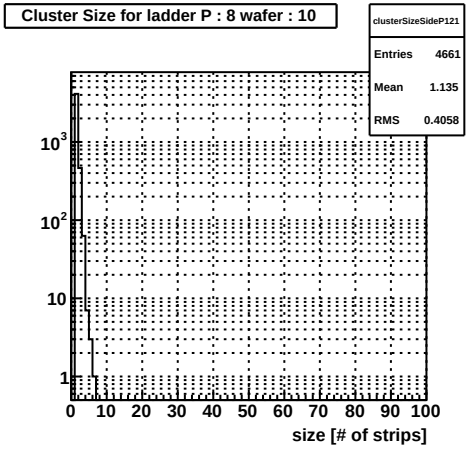

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 5524
Mean 1.152
RMS 0.4395
size [# of strips]

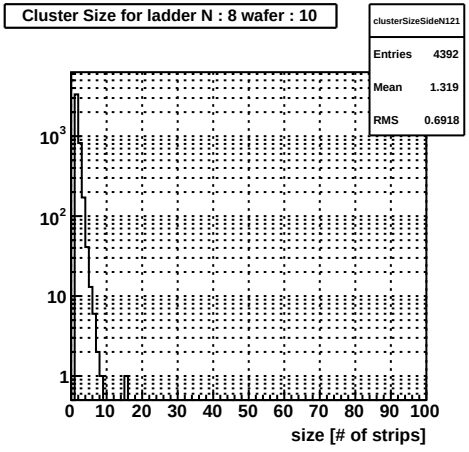

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 3276
Mean 1.339
RMS 0.6866
size [# of strips]

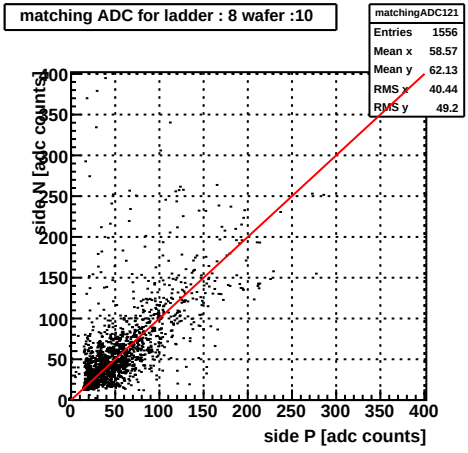

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 1137
Mean x 66.35
Mean y 60.22
RMS x 53.34
RMS y 51.06
side N [adc counts]
side P [adc counts]

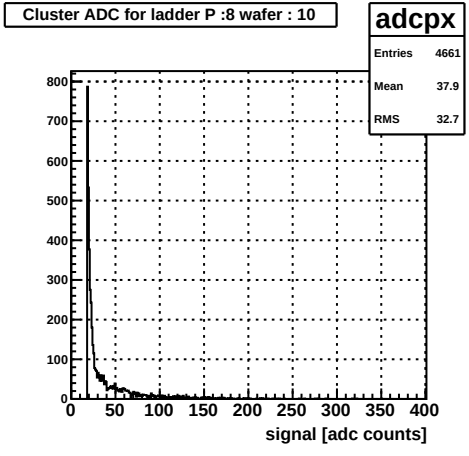

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 5524
Mean 35.82
RMS 33.53
signal [adc counts]

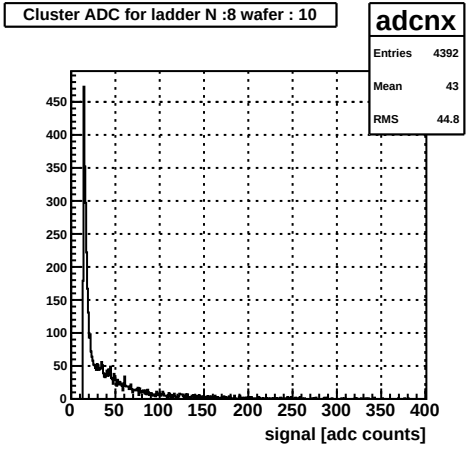

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 3276
Mean 49.91
RMS 50.63
signal [adc counts]

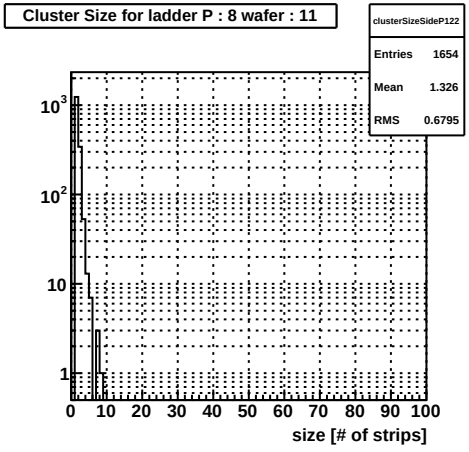

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4661
Mean 1.135
RMS 0.4058
size [# of strips]

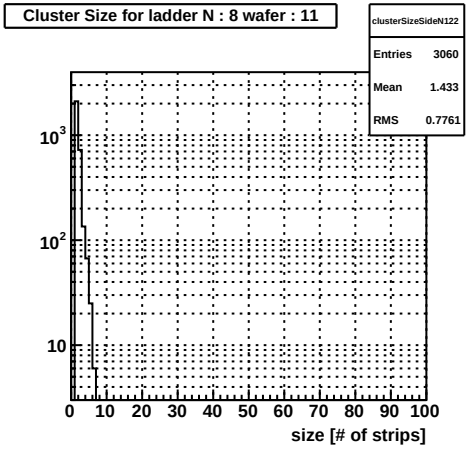

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 4392
Mean 1.319
RMS 0.6918
size [# of strips]

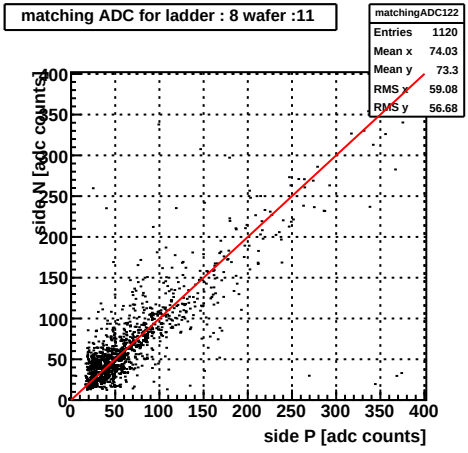

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 1556
Mean x 58.57
Mean y 62.13
RMS x 40.44
RMS y 49.2
side N [adc counts]
side P [adc counts]

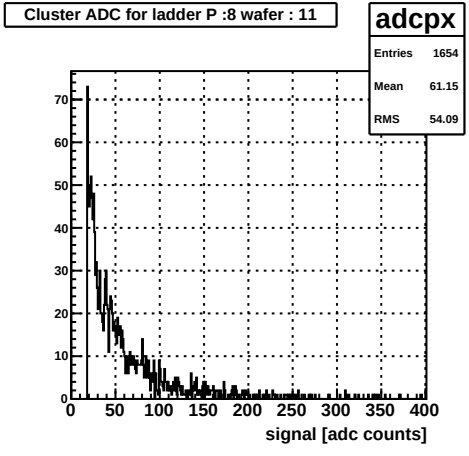

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4661
Mean 37.9
RMS 32.7
signal [adc counts]

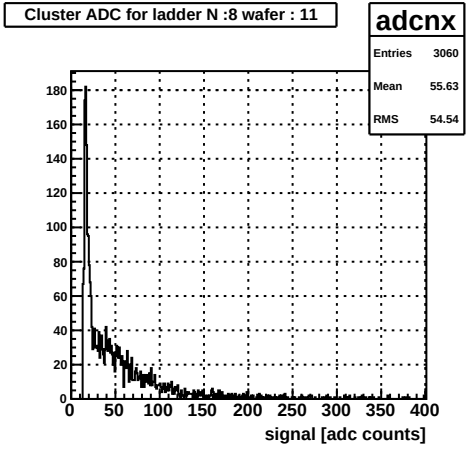

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 4392
Mean 43
RMS 44.8
signal [adc counts]

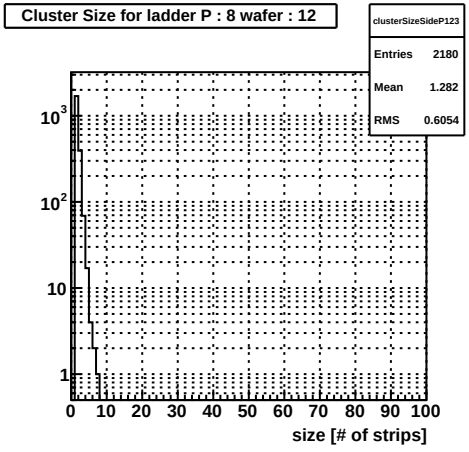

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 1654
Mean 1.326
RMS 0.6795
size [# of strips]

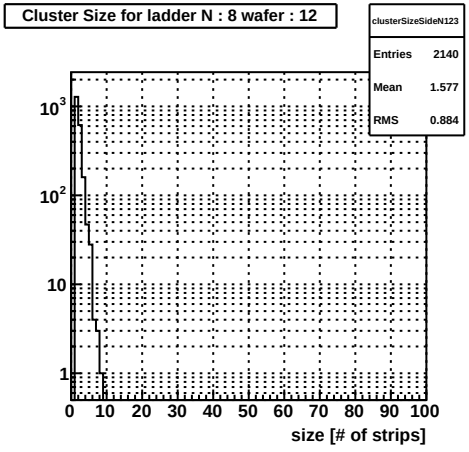

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 3060
Mean 1.433
RMS 0.7761
size [# of strips]

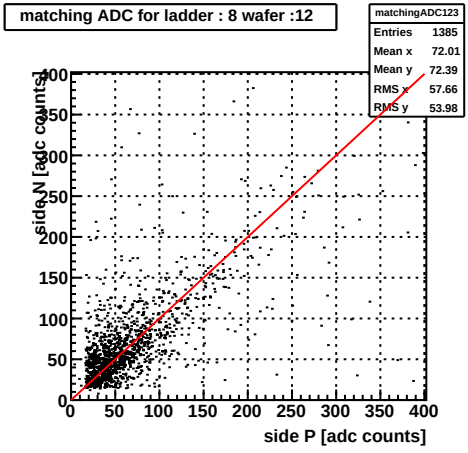

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 1120
Mean x 74.03
Mean y 73.3
RMS x 59.08
RMS y 56.68
side N [adc counts]
side P [adc counts]

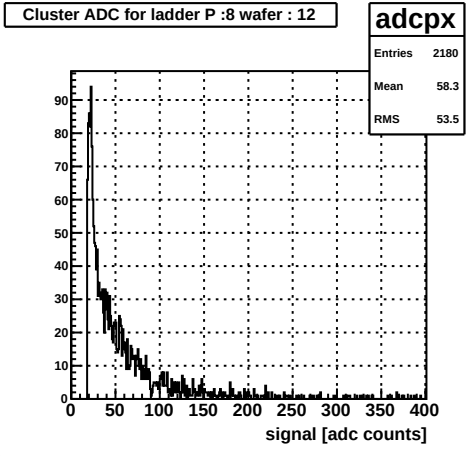

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 1654
Mean 61.15
RMS 54.09
signal [adc counts]

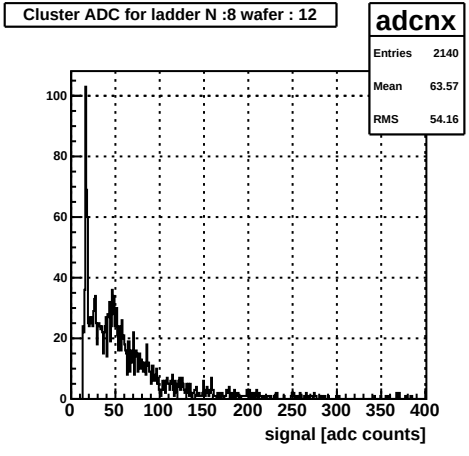

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 3060
Mean 55.63
RMS 54.54
signal [adc counts]

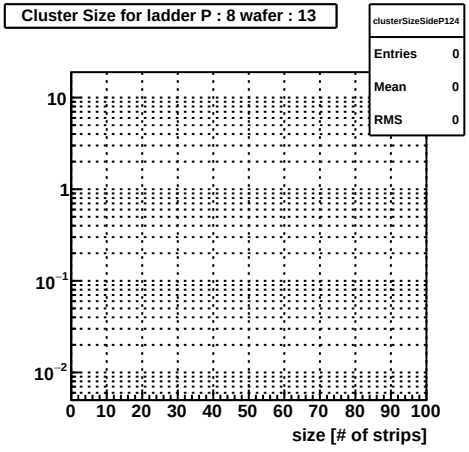

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 2180
Mean 1.282
RMS 0.6054
size [# of strips]

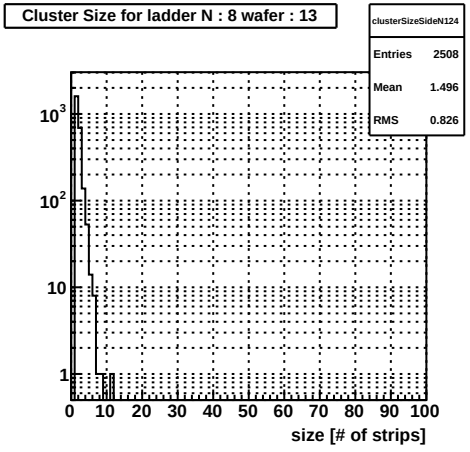

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 2140
Mean 1.577
RMS 0.884
size [# of strips]

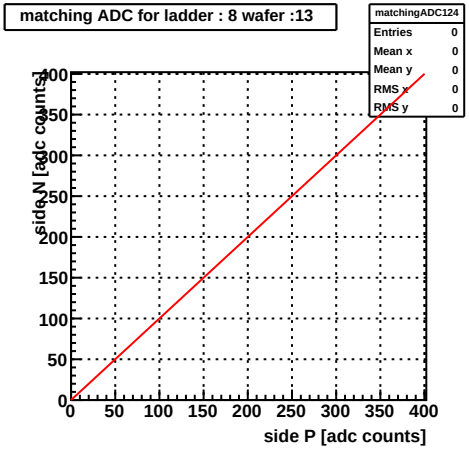

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 1385
Mean x 72.01
Mean y 72.39
RMS x 57.66
RMS y 53.98
side N [adc counts]
side P [adc counts]

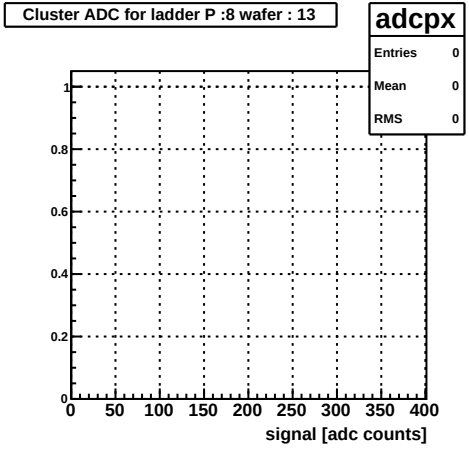

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 2180
Mean 58.3
RMS 53.5
signal [adc counts]

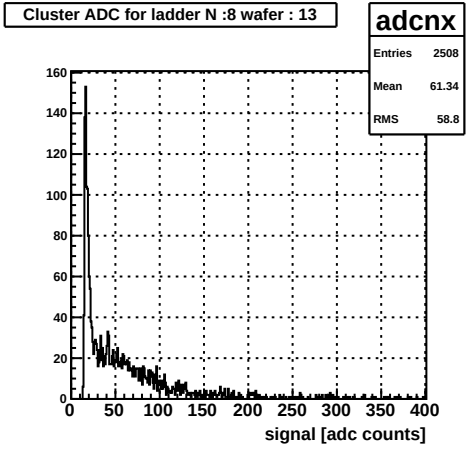

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 2140
Mean 63.57
RMS 54.16
signal [adc counts]

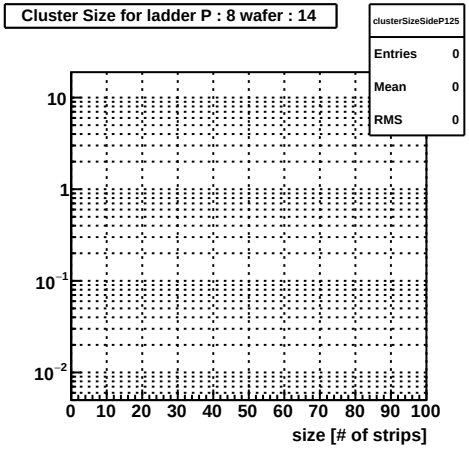

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

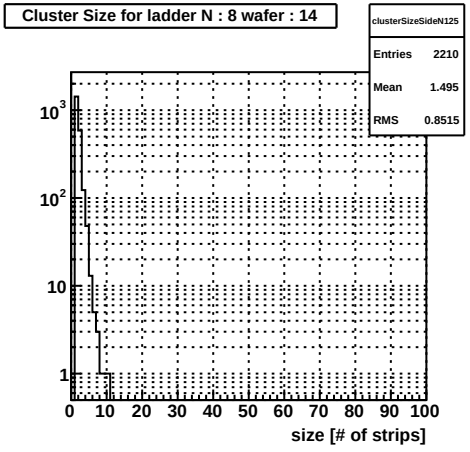

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 2508
Mean 1.496
RMS 0.826
size [# of strips]

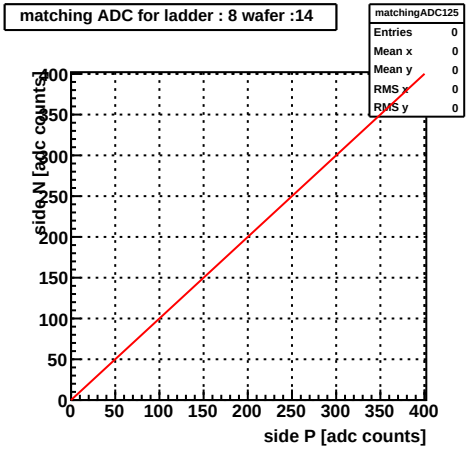

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

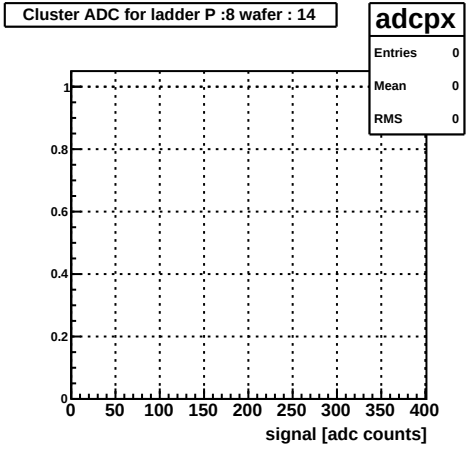

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

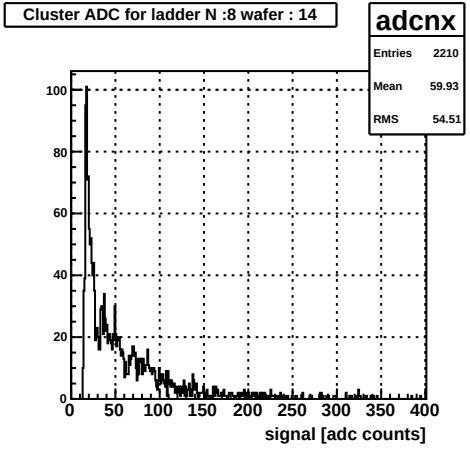

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 2508
Mean 61.34
RMS 58.8
signal [adc counts]

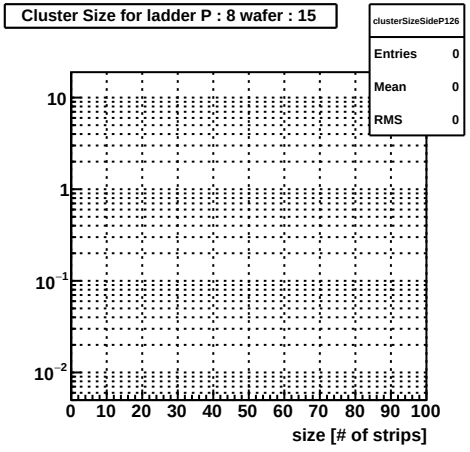

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

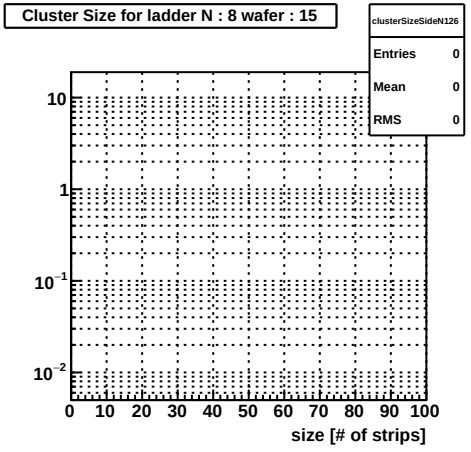

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 2210
Mean 1.495
RMS 0.8515
size [# of strips]

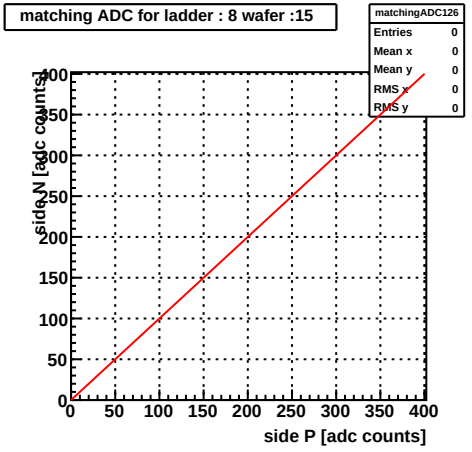

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

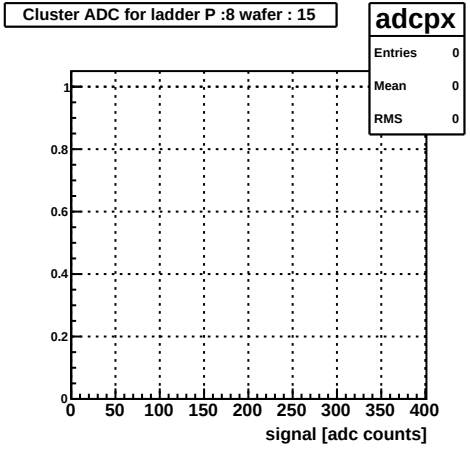

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

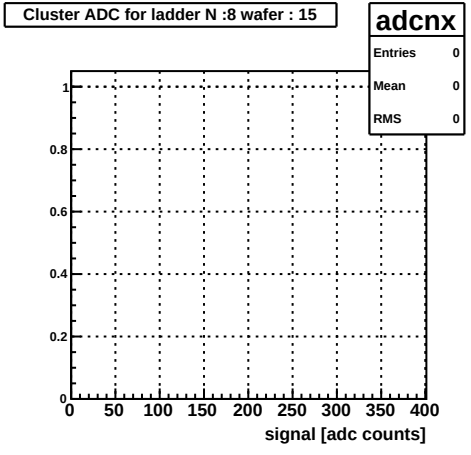

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 2210
Mean 59.93
RMS 54.51
signal [adc counts]

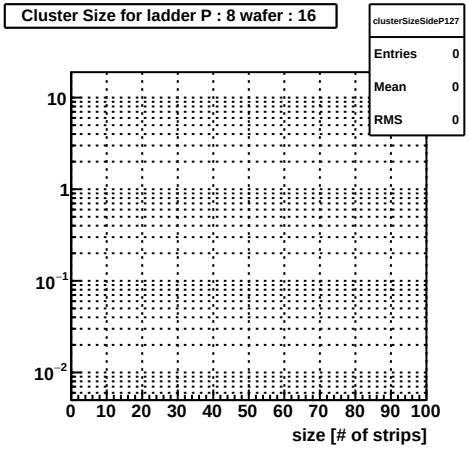

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

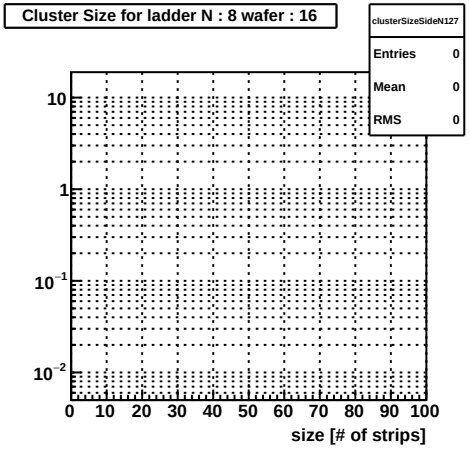

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

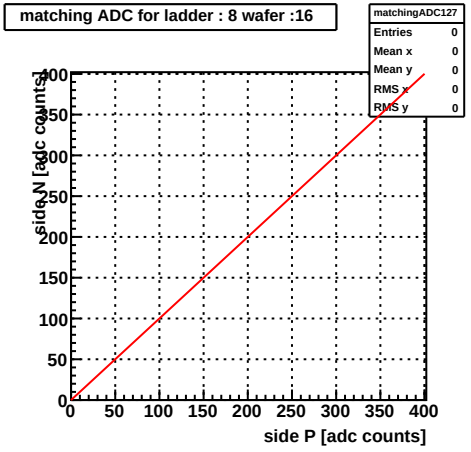

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

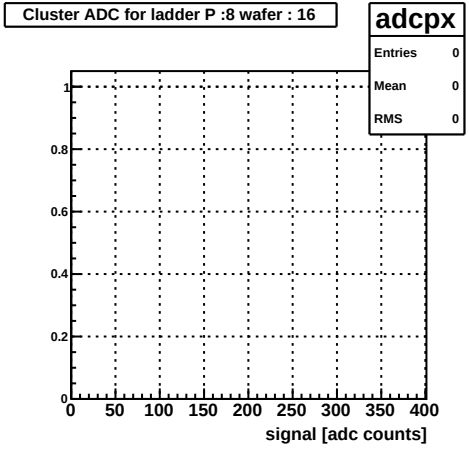

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

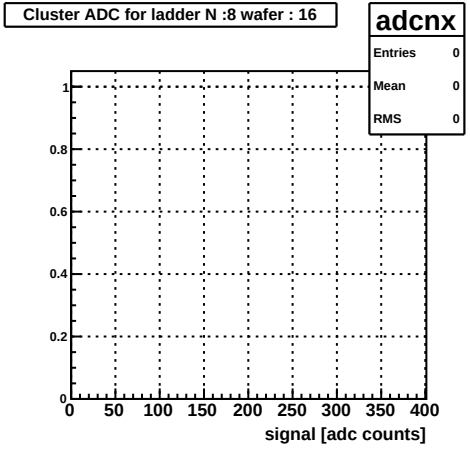

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

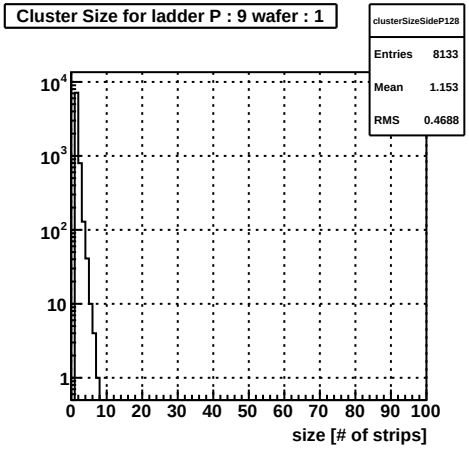

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

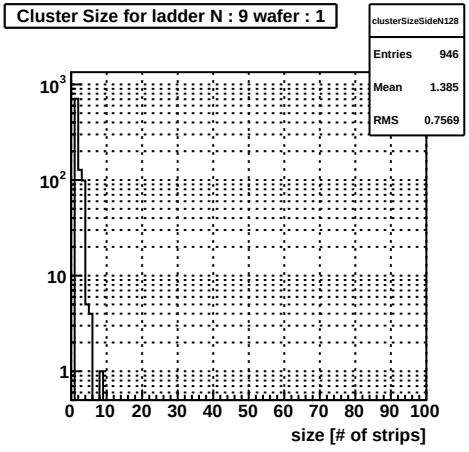

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

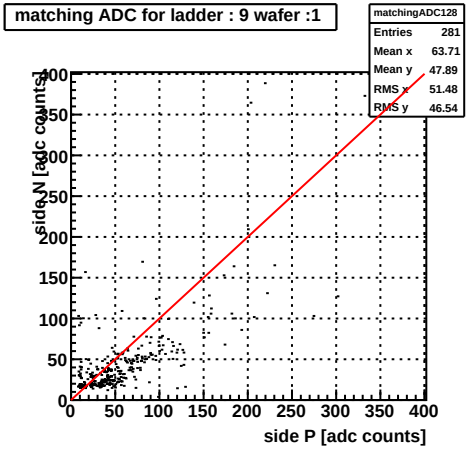

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

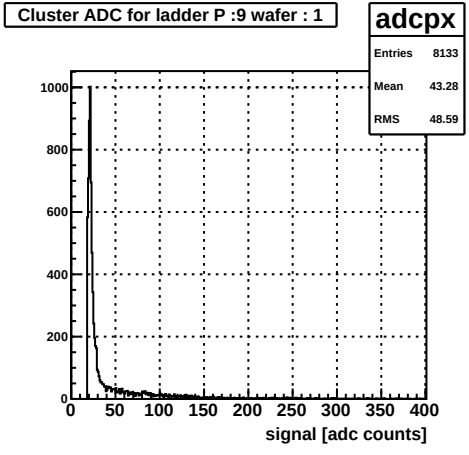

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

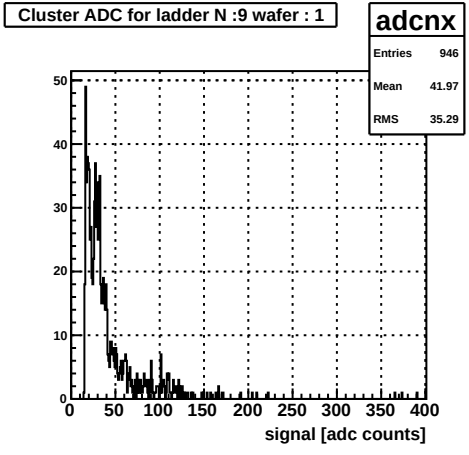

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

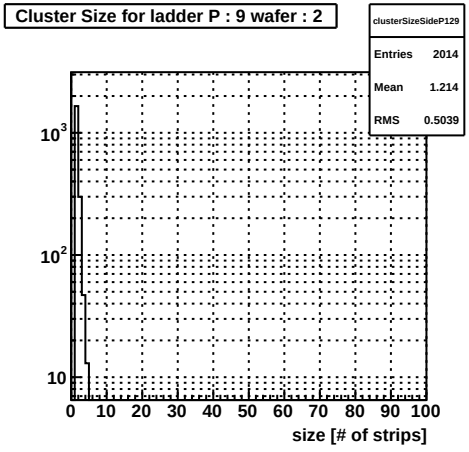

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8133
Mean 1.153
RMS 0.4688
size [# of strips]

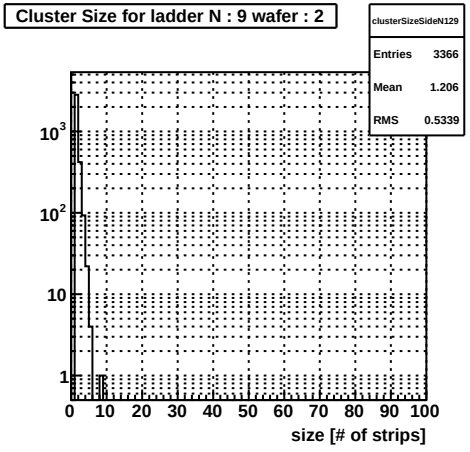

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 946
Mean 1.385
RMS 0.7569
size [# of strips]

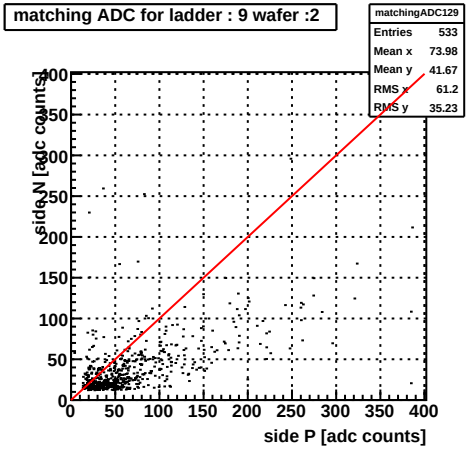

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 281
Mean x 63.71
Mean y 47.89
RMS x 51.48
RMS y 46.54
side N [adc counts]
side P [adc counts]

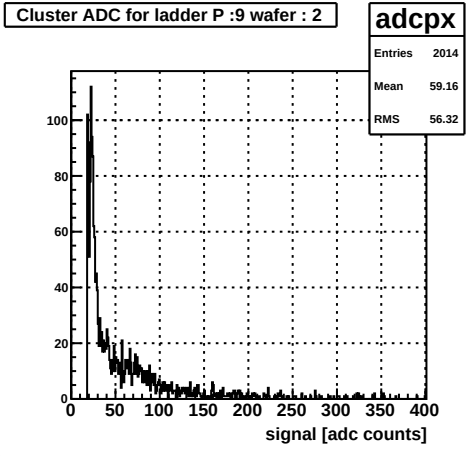

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8133
Mean 43.28
RMS 48.59
signal [adc counts]

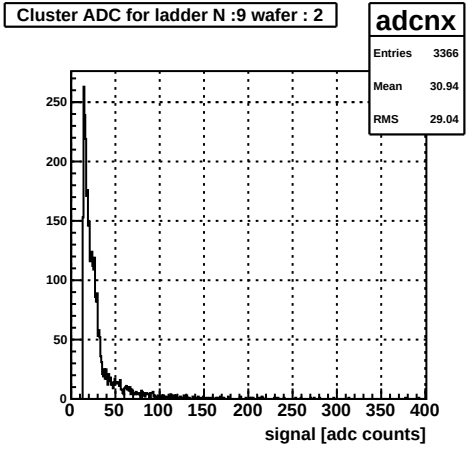

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 946
Mean 41.97
RMS 35.29
signal [adc counts]

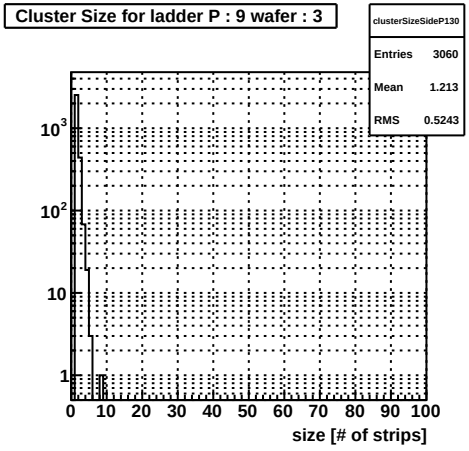

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 2014
Mean 1.214
RMS 0.5039
size [# of strips]

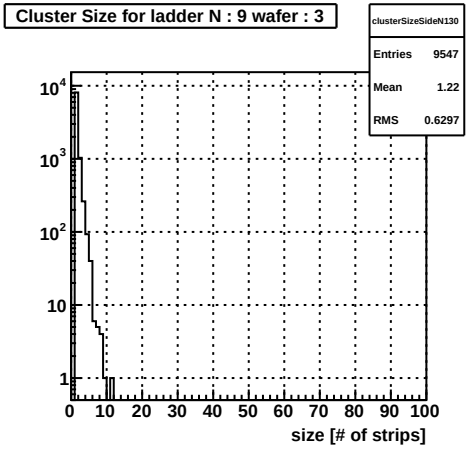

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 3366
Mean 1.206
RMS 0.5339
size [# of strips]

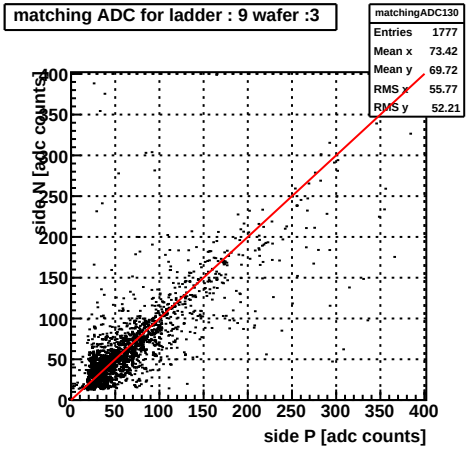

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 533
Mean x 73.98
Mean y 41.67
RMS x 61.2
RMS y 35.23
side N [adc counts]
side P [adc counts]

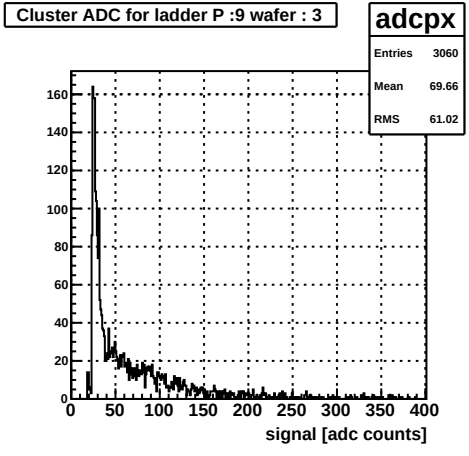

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 2014
Mean 59.16
RMS 56.32
signal [adc counts]

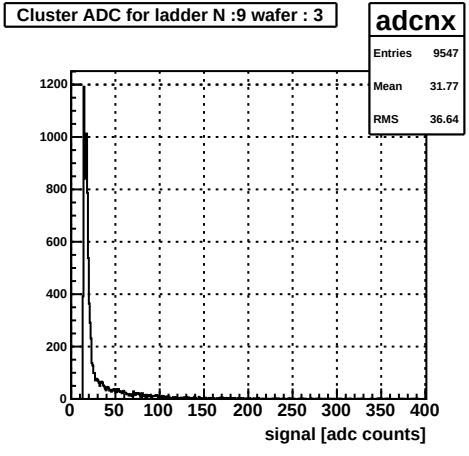

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 3366
Mean 30.94
RMS 29.04
signal [adc counts]

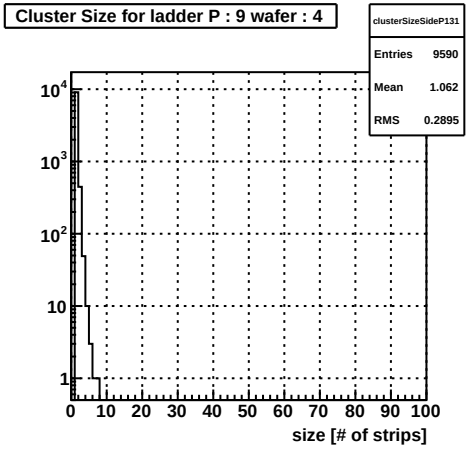

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 3060
Mean 1.213
RMS 0.5243
size [# of strips]

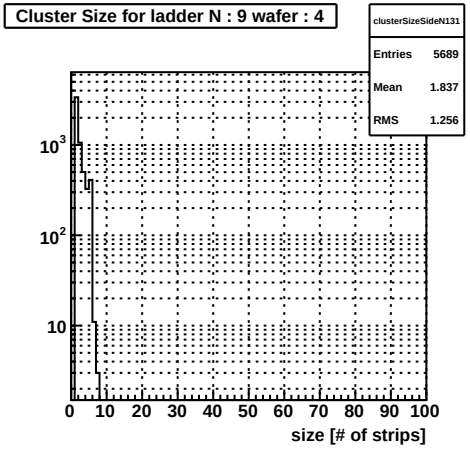

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 9547
Mean 1.22
RMS 0.6297
size [# of strips]

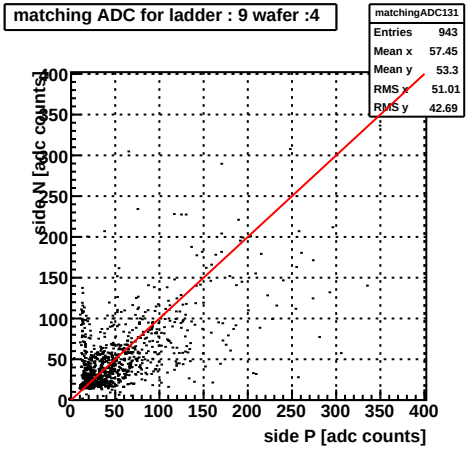

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 1777
Mean x 73.42
Mean y 69.72
RMS x 55.77
RMS y 52.21
side N [adc counts]
side P [adc counts]

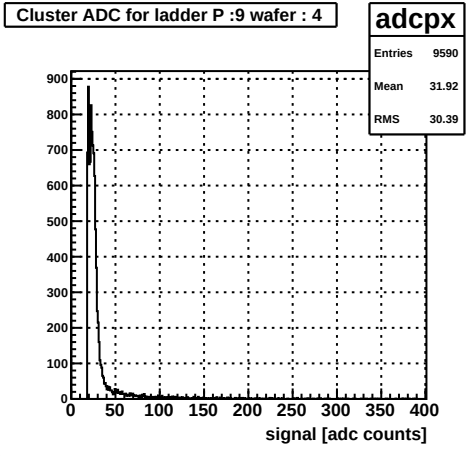

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 3060
Mean 69.66
RMS 61.02
signal [adc counts]

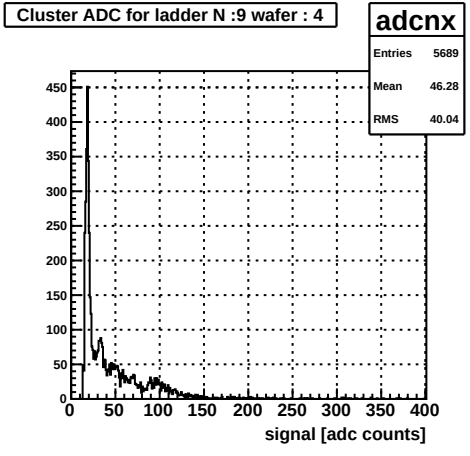

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 9547
Mean 31.77
RMS 36.64
signal [adc counts]

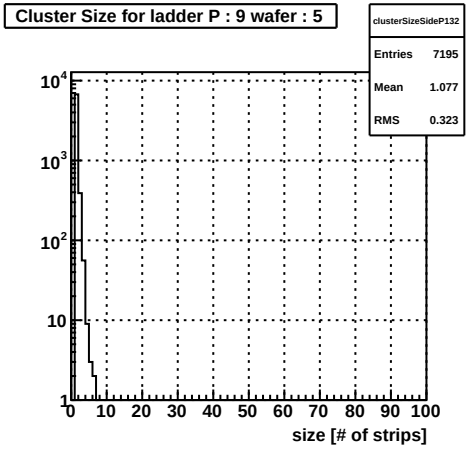

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 9590
Mean 1.062
RMS 0.2895
size [# of strips]

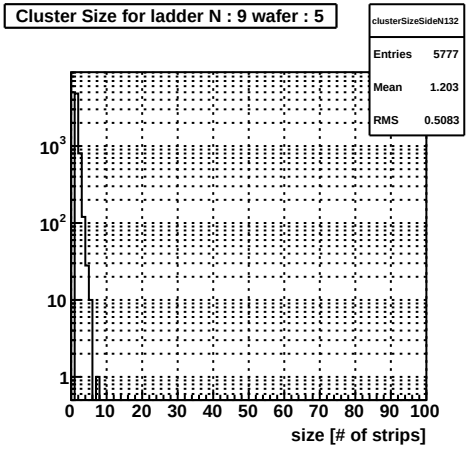

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 5689
Mean 1.837
RMS 1.256
size [# of strips]

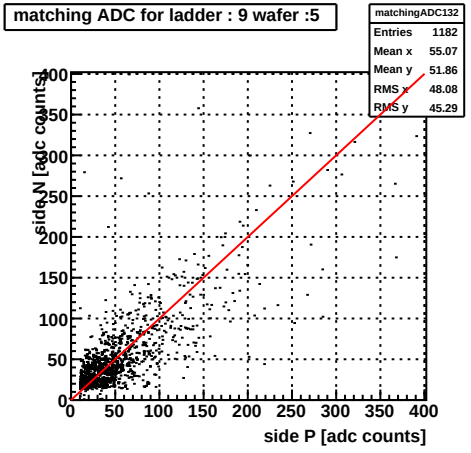

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 943
Mean x 57.45
Mean y 53.3
RMS x 51.01
RMS y 42.69
side N [adc counts]
side P [adc counts]

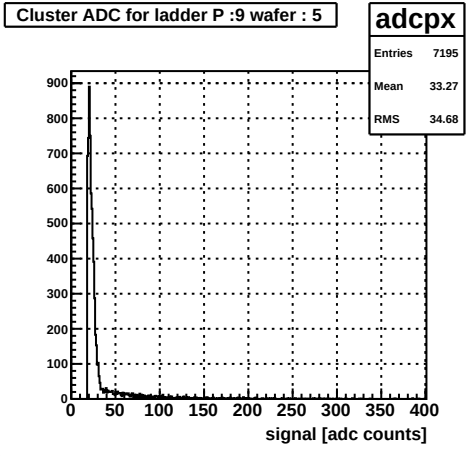

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 9590
Mean 31.92
RMS 30.39
signal [adc counts]

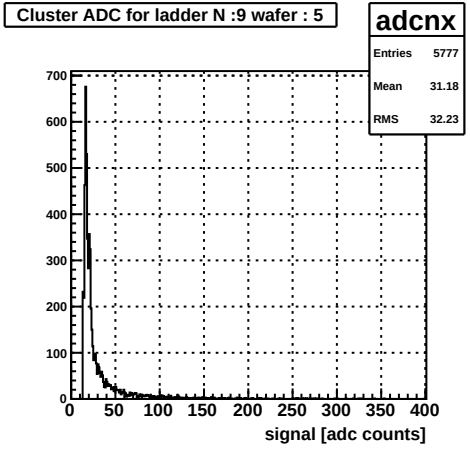

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 5689
Mean 46.28
RMS 40.04
signal [adc counts]

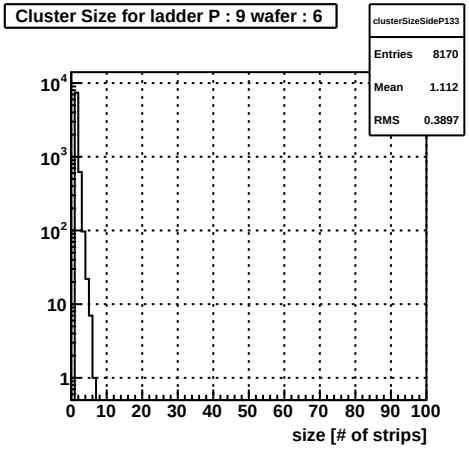

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 7195
Mean 1.077
RMS 0.323
size [# of strips]

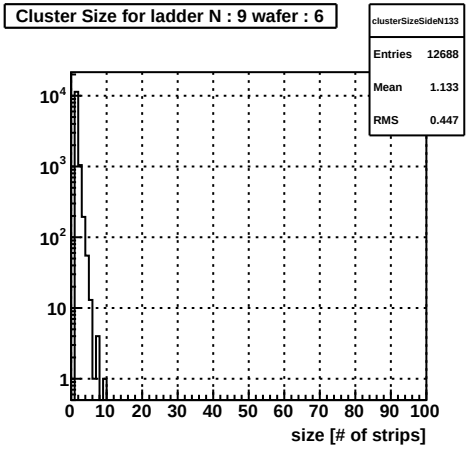

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 5777
Mean 1.203
RMS 0.5083
size [# of strips]

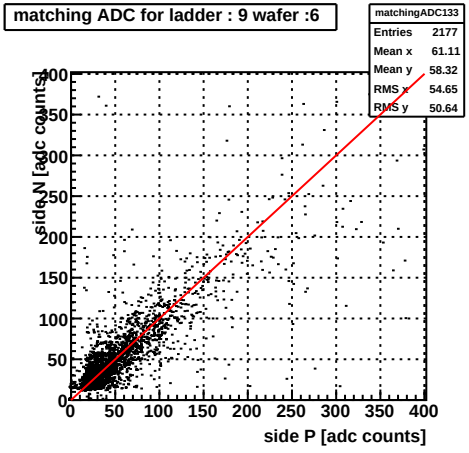

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 1182
Mean x 55.07
Mean y 51.86
RMS x 48.08
RMS y 45.29
side N [adc counts]
side P [adc counts]

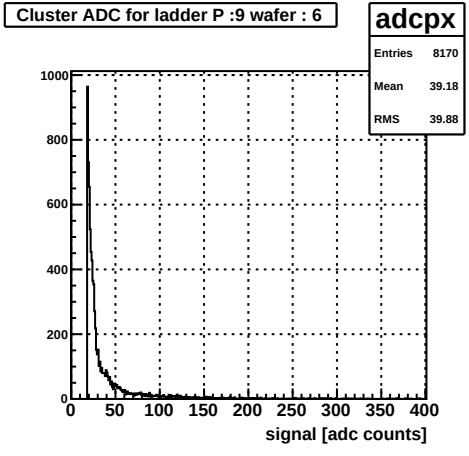

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 7195
Mean 33.27
RMS 34.68
signal [adc counts]

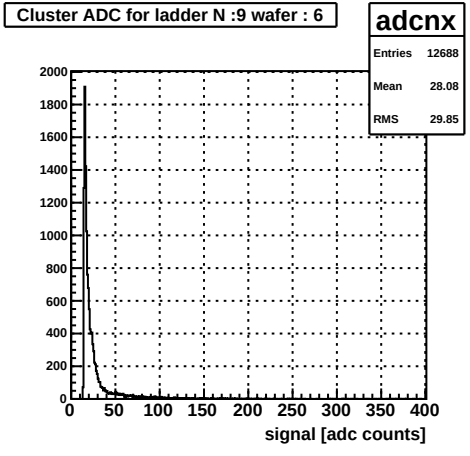

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 5777
Mean 31.18
RMS 32.23
signal [adc counts]

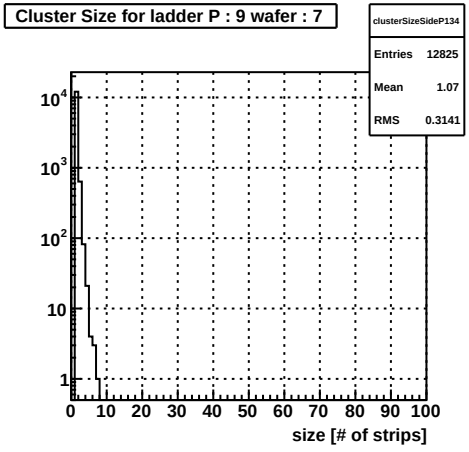

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 8170
Mean 1.112
RMS 0.3897
size [# of strips]

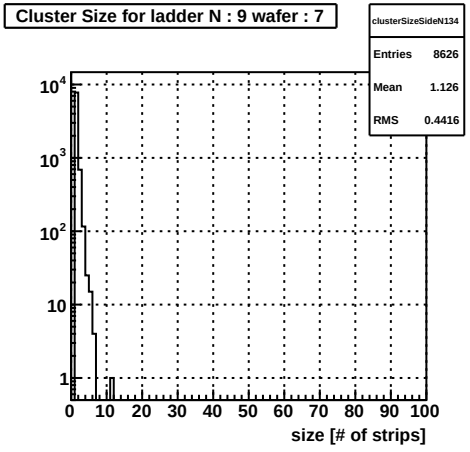

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 12688
Mean 1.133
RMS 0.447
size [# of strips]

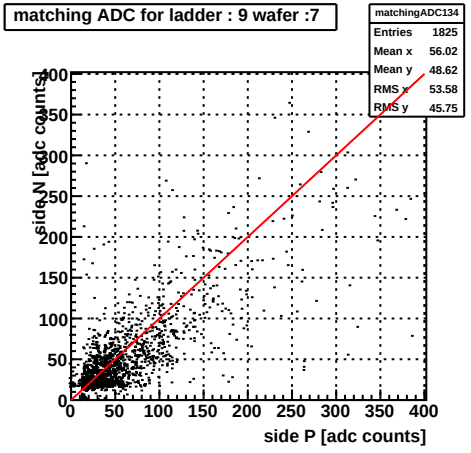

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 2177
Mean x 61.11
Mean y 58.32
RMS x 54.65
RMS y 50.64
side N [adc counts]
side P [adc counts]

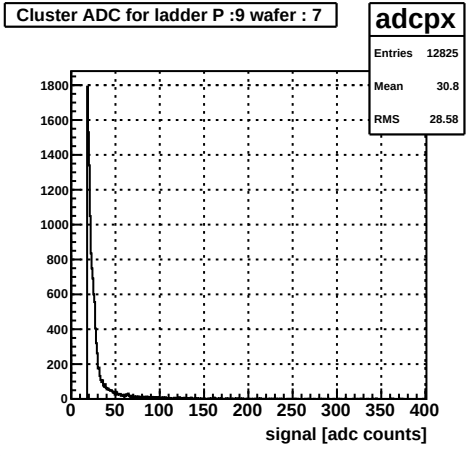

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 8170
Mean 39.18
RMS 39.88
signal [adc counts]

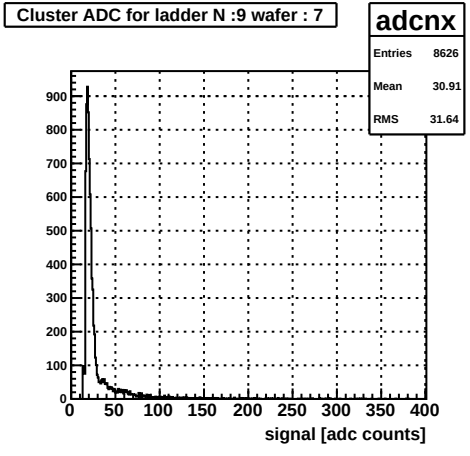

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 12688
Mean 28.08
RMS 29.85
signal [adc counts]

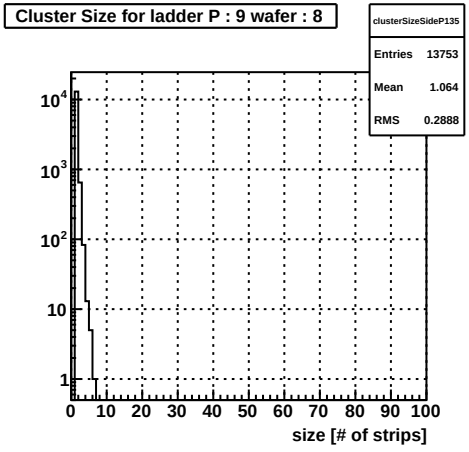

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 12825
Mean 1.07
RMS 0.3141
size [# of strips]

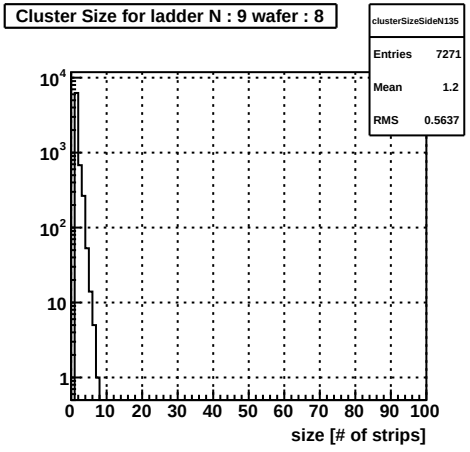

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 8626
Mean 1.126
RMS 0.4416
size [# of strips]

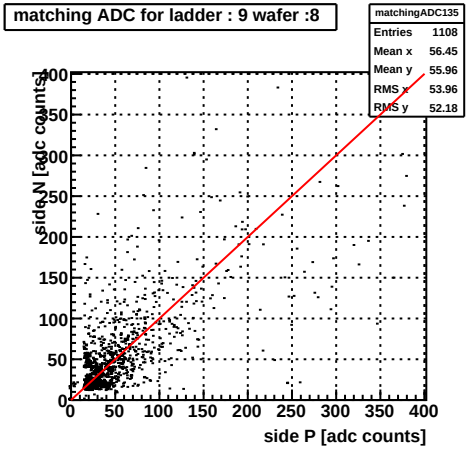

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 1825
Mean x 56.02
Mean y 48.62
RMS x 53.58
RMS y 45.75
side N [adc counts]
side P [adc counts]

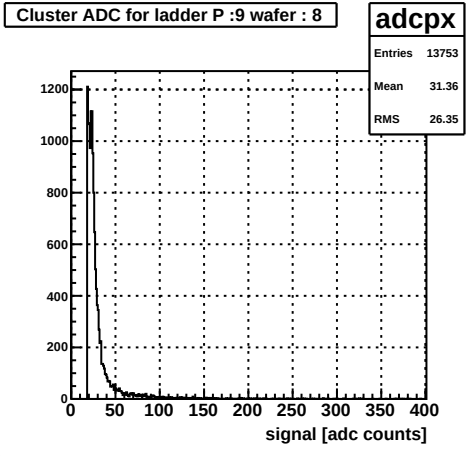

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 12825
Mean 30.8
RMS 28.58
signal [adc counts]

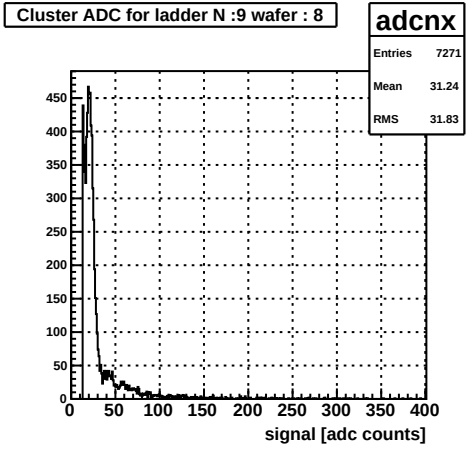

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 8626
Mean 30.91
RMS 31.64
signal [adc counts]

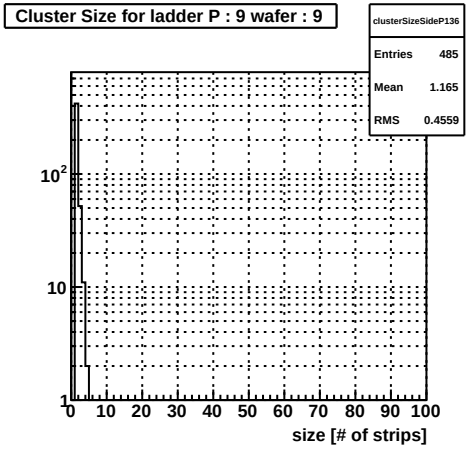

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 13753
Mean 1.064
RMS 0.2888
size [# of strips]

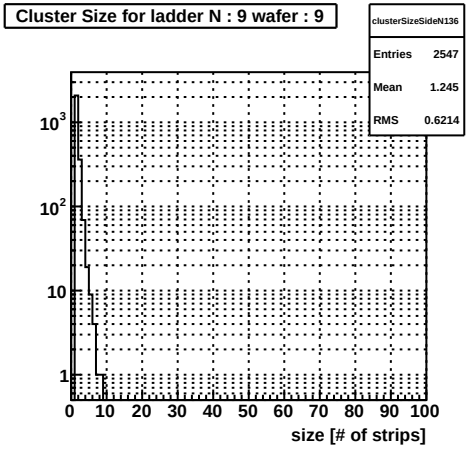

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 7271
Mean 1.2
RMS 0.5637
size [# of strips]

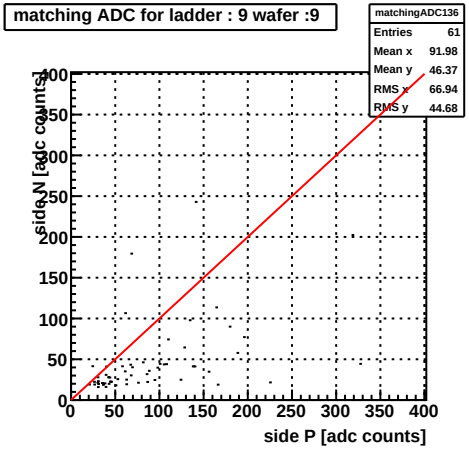

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 1108
Mean x 56.45
Mean y 55.96
RMS x 53.96
RMS y 52.18
side N [adc counts]
side P [adc counts]

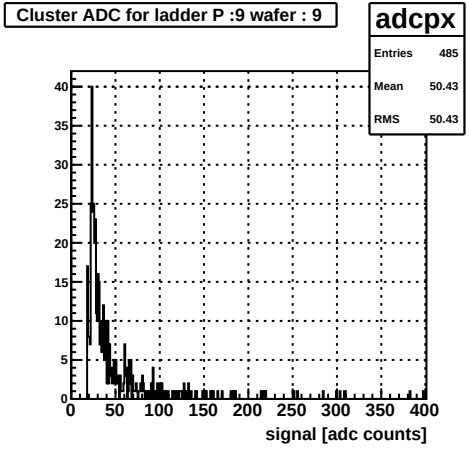

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 13753
Mean 31.36
RMS 26.35
signal [adc counts]

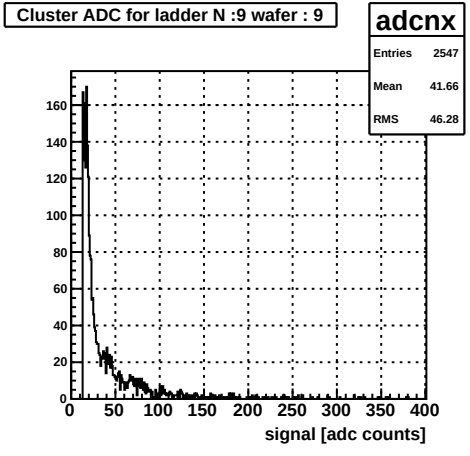

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 7271
Mean 31.24
RMS 31.83
signal [adc counts]

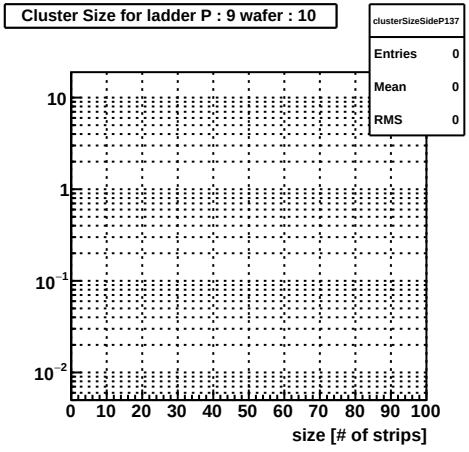

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 485
Mean 1.165
RMS 0.4559
size [# of strips]

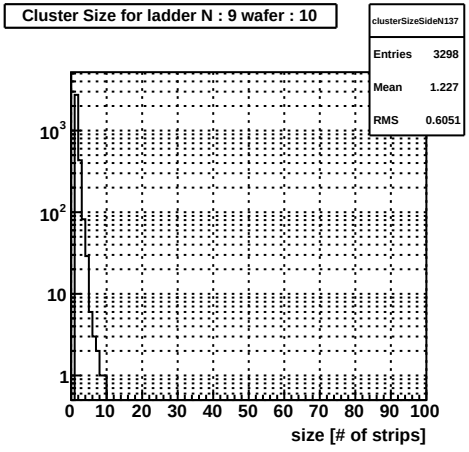

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 2547
Mean 1.245
RMS 0.6214
size [# of strips]

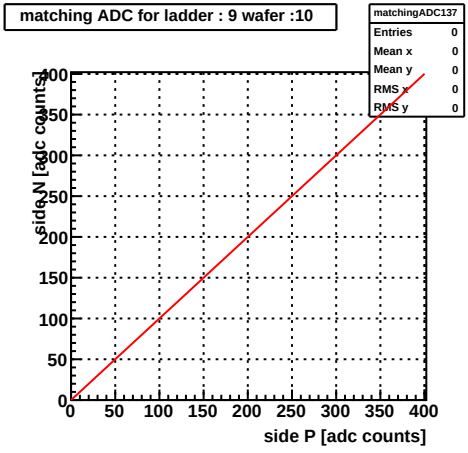

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 61
Mean x 91.98
Mean y 46.37
RMS x 66.94
RMS y 44.68
side N [adc counts]
side P [adc counts]

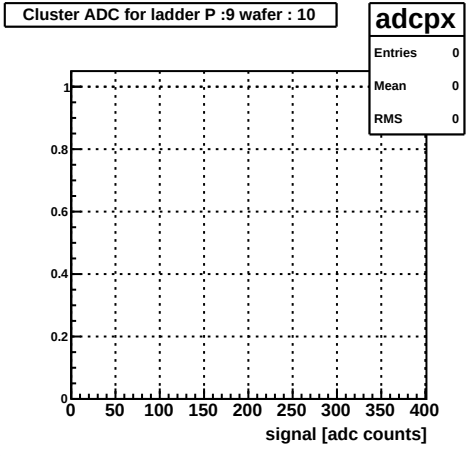

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 485
Mean 50.43
RMS 50.43
signal [adc counts]

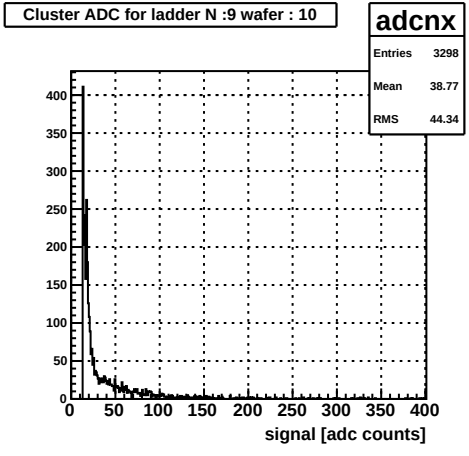

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 2547
Mean 41.66
RMS 46.28
signal [adc counts]

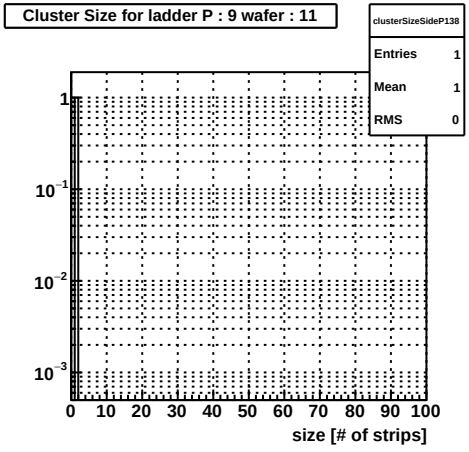

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

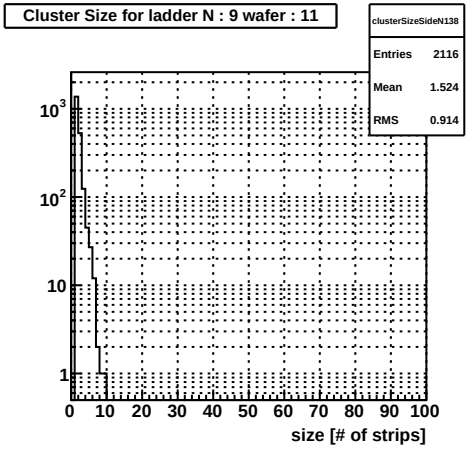

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 3298
Mean 1.227
RMS 0.6051
size [# of strips]

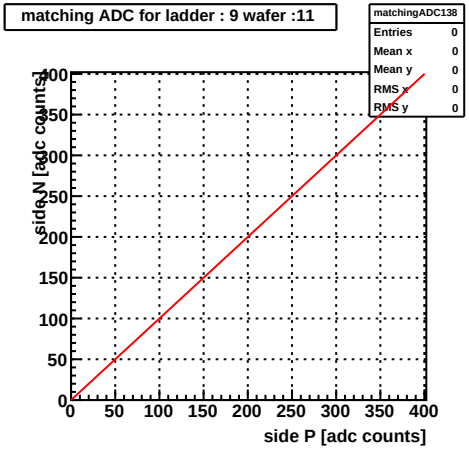

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

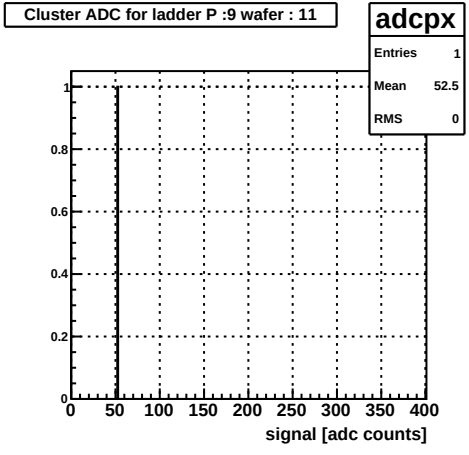

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

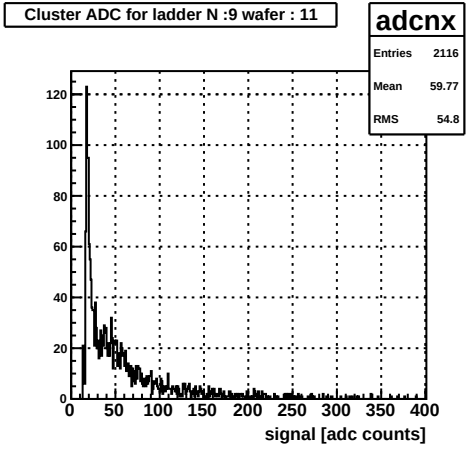

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 3298
Mean 38.77
RMS 44.34
signal [adc counts]

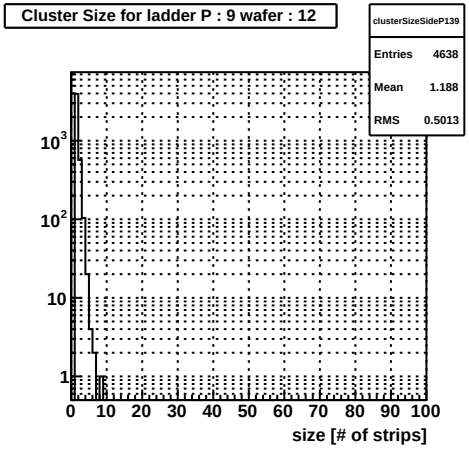

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 1
Mean 1
RMS 0
size [# of strips]

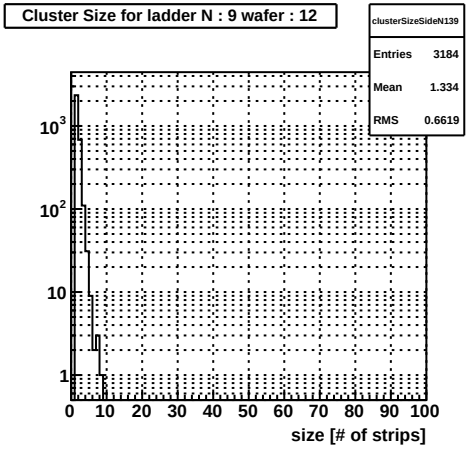

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 2116
Mean 1.524
RMS 0.914
size [# of strips]

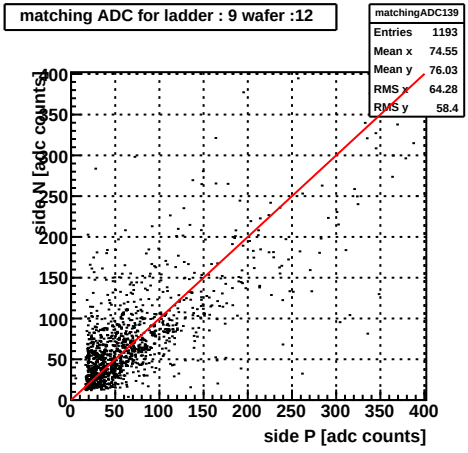

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

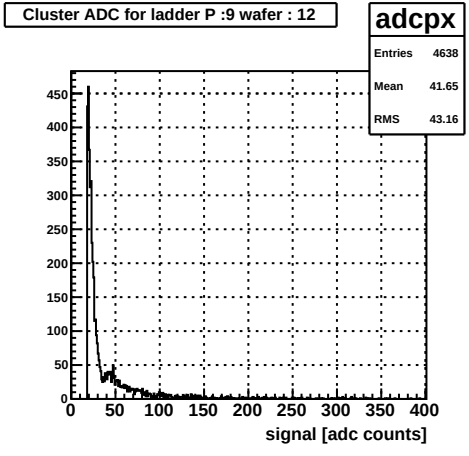

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 1
Mean 52.5
RMS 0
signal [adc counts]

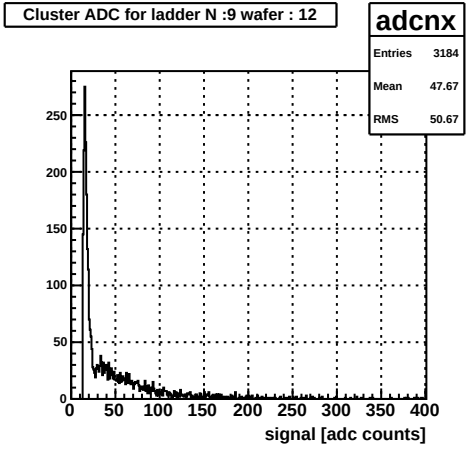

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 2116
Mean 59.77
RMS 54.8
signal [adc counts]

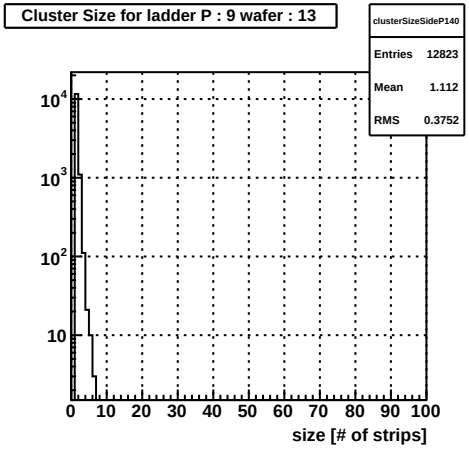

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 4638
Mean 1.188
RMS 0.5013
size [# of strips]

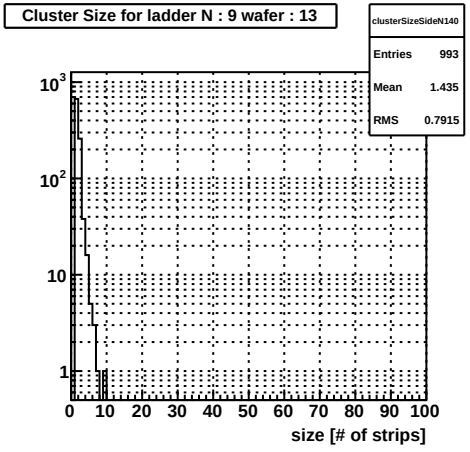

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 3184
Mean 1.334
RMS 0.6619
size [# of strips]

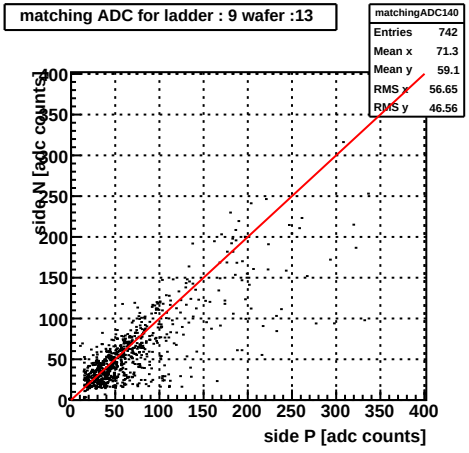

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 1193
Mean x 74.55
Mean y 76.03
RMS x 64.28
RMS y 58.4
side N [adc counts]
side P [adc counts]

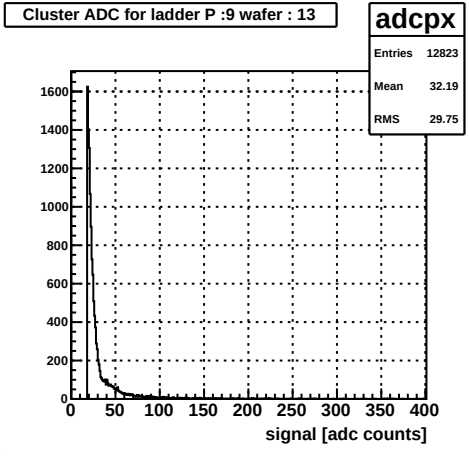

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 4638
Mean 41.65
RMS 43.16
signal [adc counts]

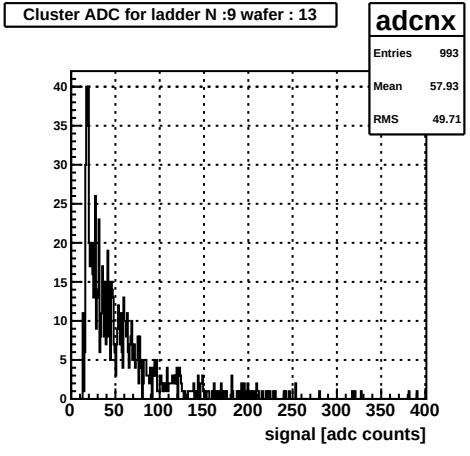

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 3184
Mean 47.67
RMS 50.67
signal [adc counts]

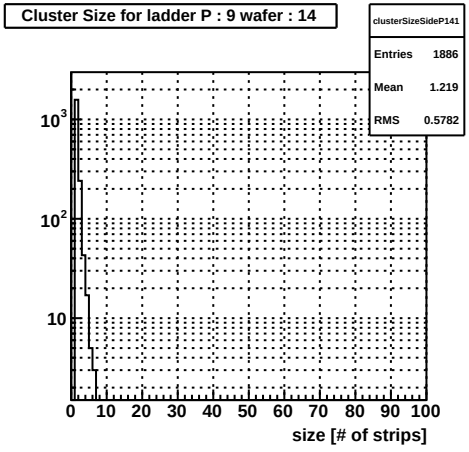

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 12823
Mean 1.112
RMS 0.3752
size [# of strips]

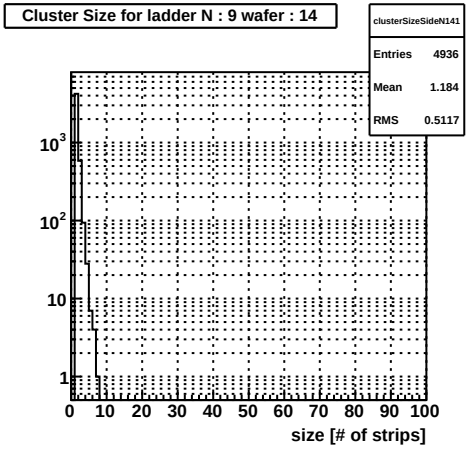

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 993
Mean 1.435
RMS 0.7915
size [# of strips]

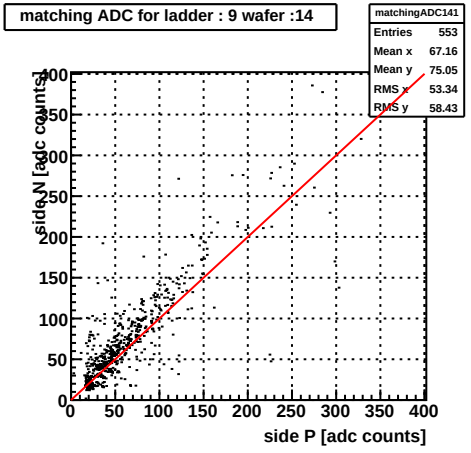

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 742
Mean x 71.3
Mean y 59.1
RMS x 56.65
RMS y 46.56
side N [adc counts]
side P [adc counts]

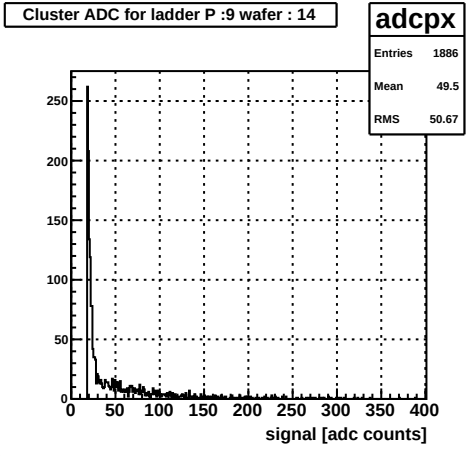

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 12823
Mean 32.19
RMS 29.75
signal [adc counts]

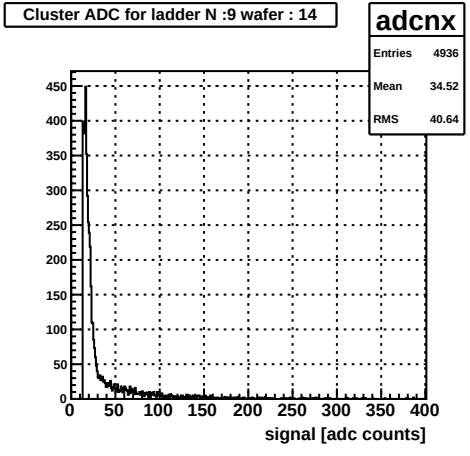

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 993
Mean 57.93
RMS 49.71
signal [adc counts]

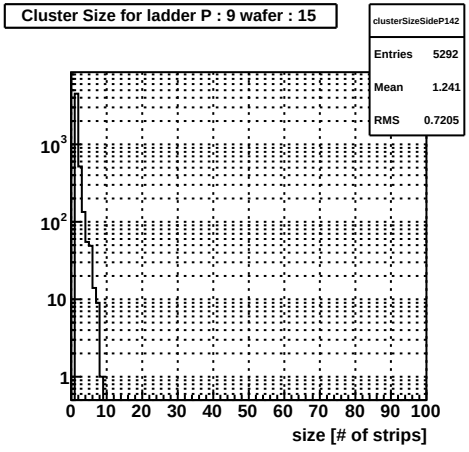

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1886
Mean 1.219
RMS 0.5782
size [# of strips]

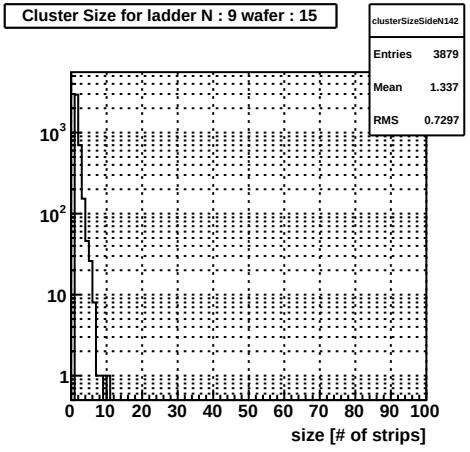

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 4936
Mean 1.184
RMS 0.5117
size [# of strips]

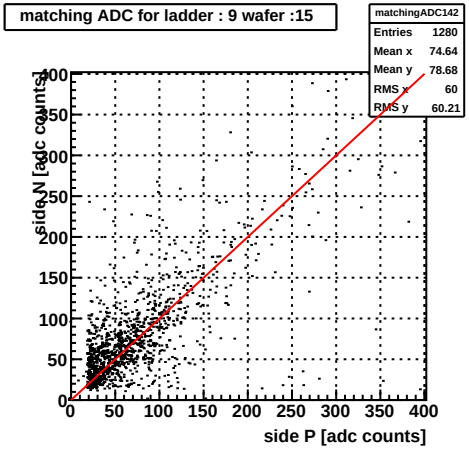

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 553
Mean x 67.16
Mean y 75.05
RMS x 53.34
RMS y 58.43
side N [adc counts]
side P [adc counts]

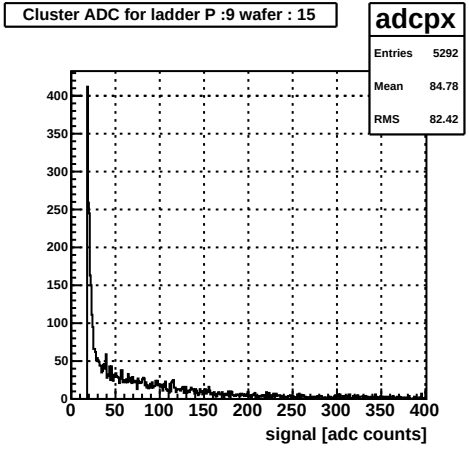

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1886
Mean 49.5
RMS 50.67
signal [adc counts]

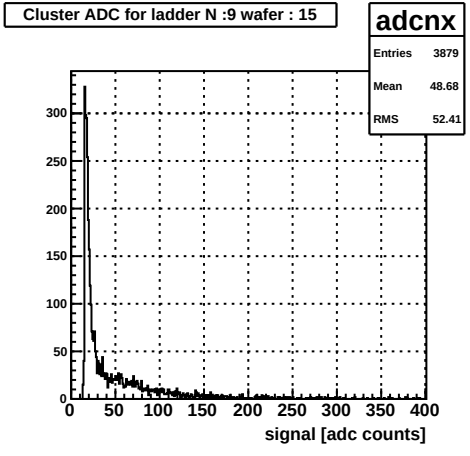

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 4936
Mean 34.52
RMS 40.64
signal [adc counts]

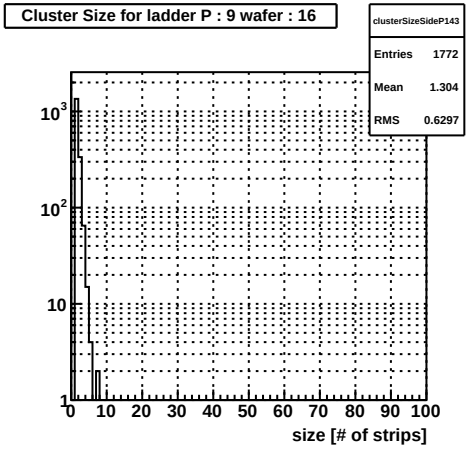

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 5292
Mean 1.241
RMS 0.7205
size [# of strips]

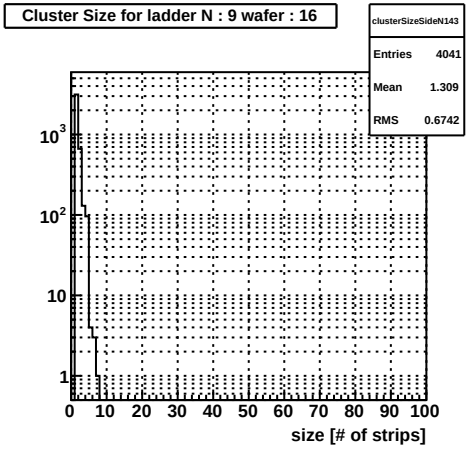

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 3879
Mean 1.337
RMS 0.7297
size [# of strips]

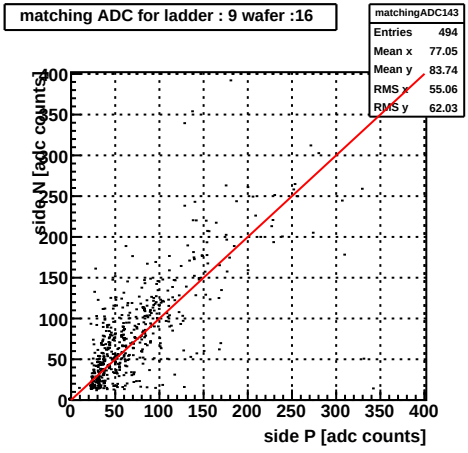

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 1280
Mean x 74.64
Mean y 78.68
RMS x 60
RMS y 60.21
side N [adc counts]
side P [adc counts]

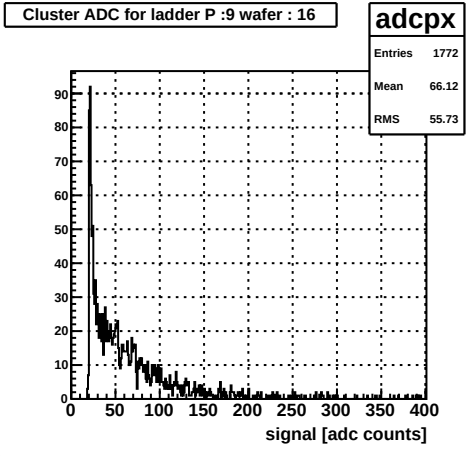

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 5292
Mean 84.78
RMS 82.42
signal [adc counts]

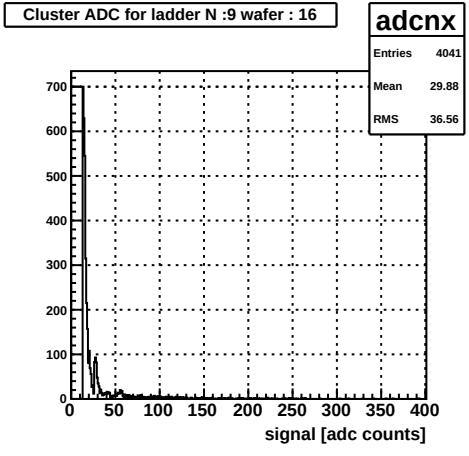

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 3879
Mean 48.68
RMS 52.41
signal [adc counts]

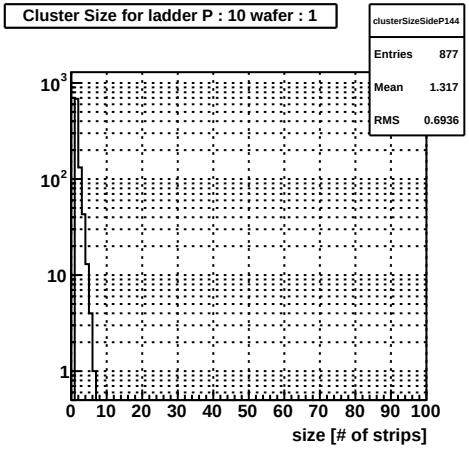

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 1772
Mean 1.304
RMS 0.6297
size [# of strips]

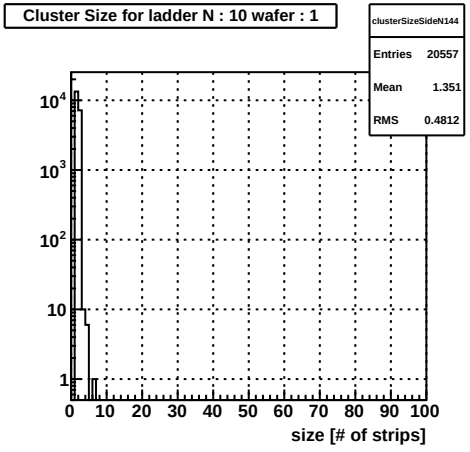

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 4041
Mean 1.309
RMS 0.6742
size [# of strips]

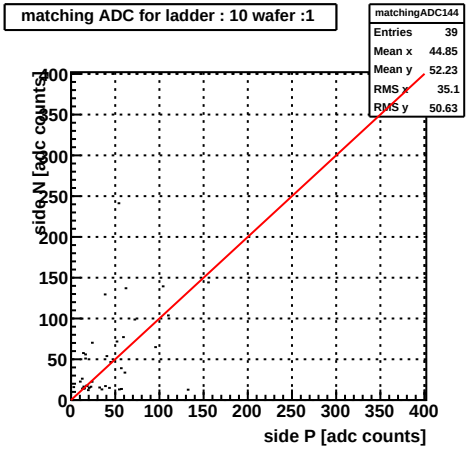

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 494
Mean x 77.05
Mean y 83.74
RMS x 55.06
RMS y 62.03
side N [adc counts]
side P [adc counts]

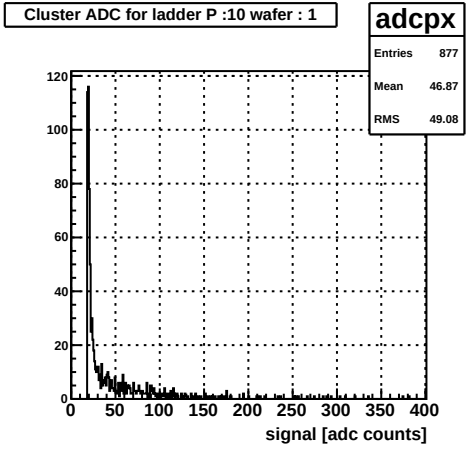

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 1772
Mean 66.12
RMS 55.73
signal [adc counts]

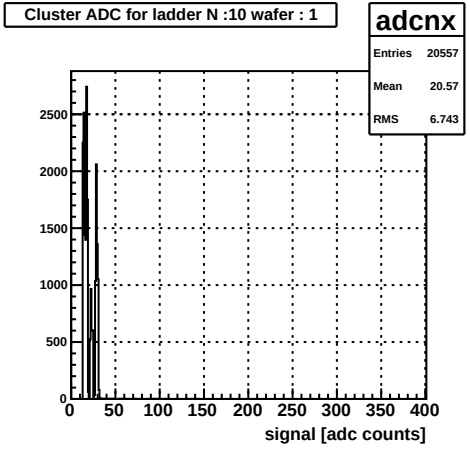

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 4041
Mean 29.88
RMS 36.56
signal [adc counts]

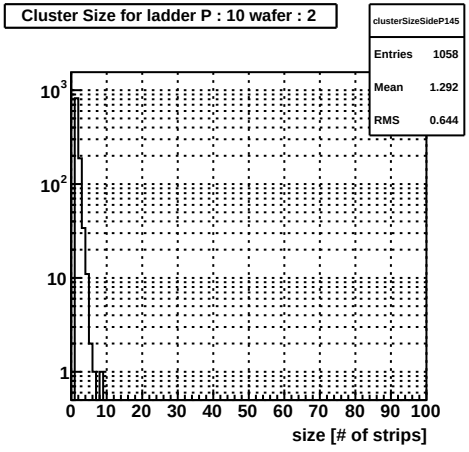

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 877
Mean 1.317
RMS 0.6936
size [# of strips]

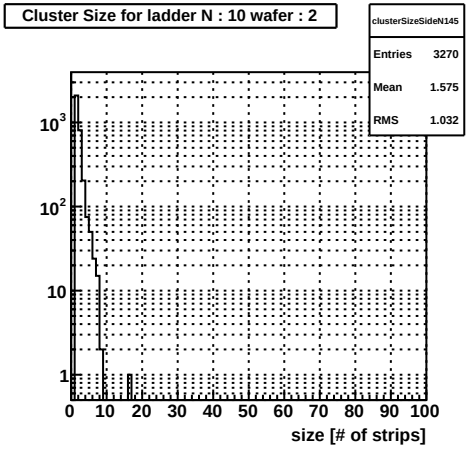

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 20557
Mean 1.351
RMS 0.4812
size [# of strips]

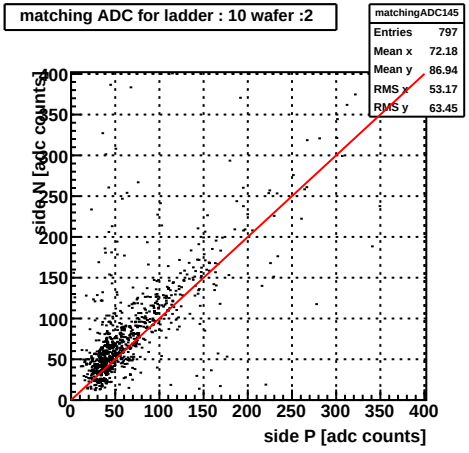

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 39
Mean x 44.85
Mean y 52.23
RMS x 35.1
RMS y 50.63
side N [adc counts]
side P [adc counts]

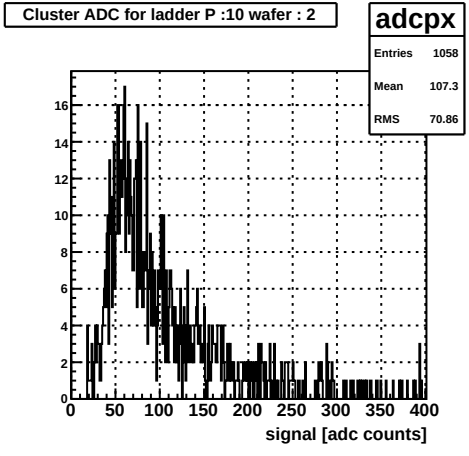

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 877
Mean 46.87
RMS 49.08
signal [adc counts]

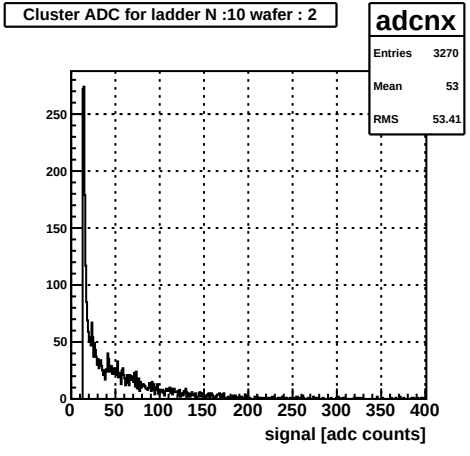

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 20557
Mean 20.57
RMS 6.743
signal [adc counts]

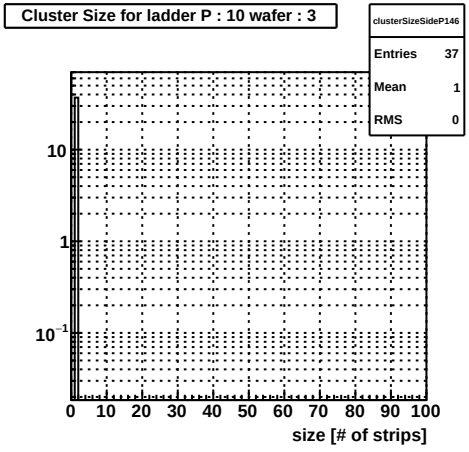

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 1058
Mean 1.292
RMS 0.644
size [# of strips]

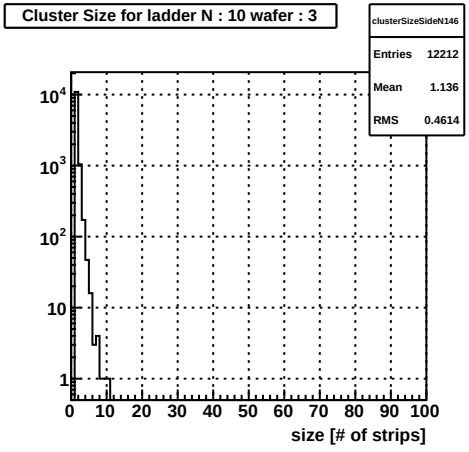

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3270
Mean 1.575
RMS 1.032
size [# of strips]

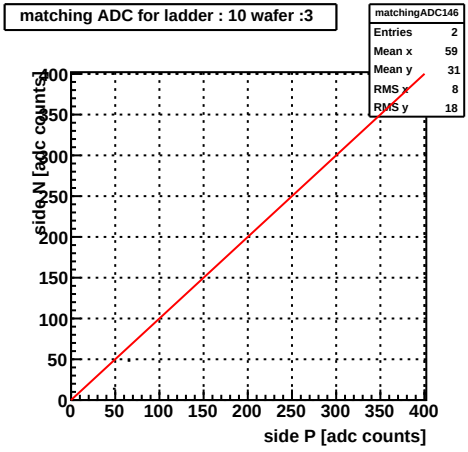

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 797
Mean x 72.18
Mean y 86.94
RMS x 53.17
RMS y 63.45
side N [adc counts]
side P [adc counts]

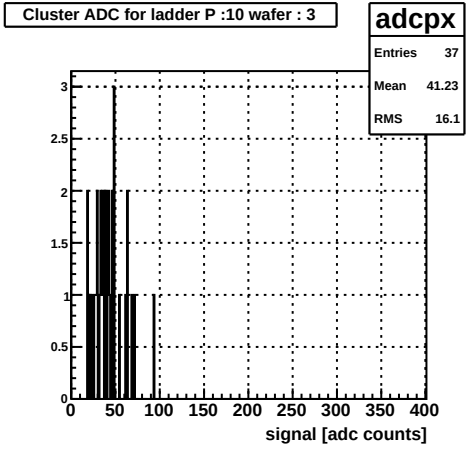

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 1058
Mean 107.3
RMS 70.86
signal [adc counts]

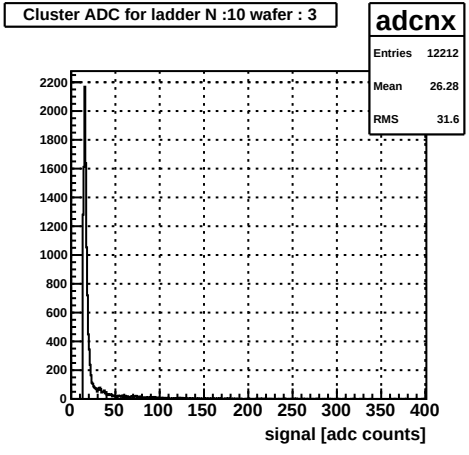

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3270
Mean 53
RMS 53.41
signal [adc counts]

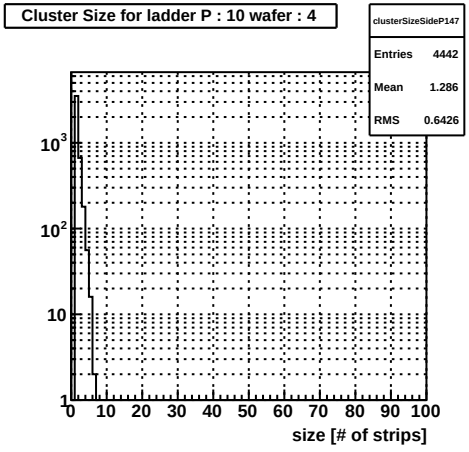

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 37
Mean 1
RMS 0
size [# of strips]

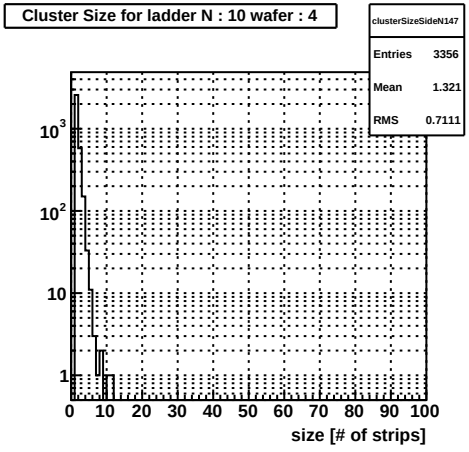

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 12212
Mean 1.136
RMS 0.4614
size [# of strips]

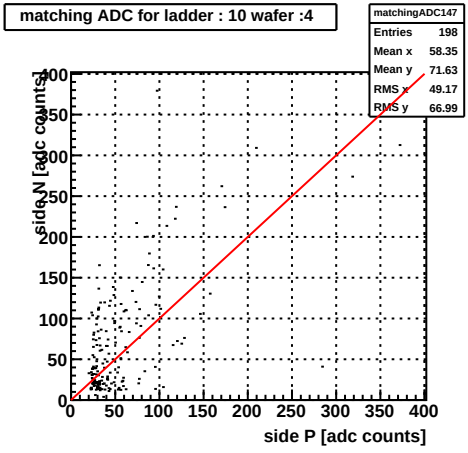

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 2
Mean x 59
Mean y 31
RMS x 8
RMS y 18
side N [adc counts]
side P [adc counts]

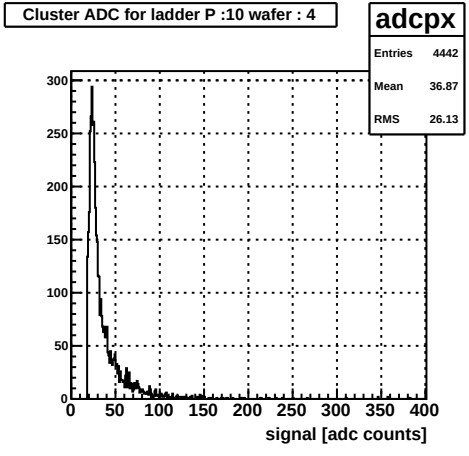

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 37
Mean 41.23
RMS 16.1
signal [adc counts]

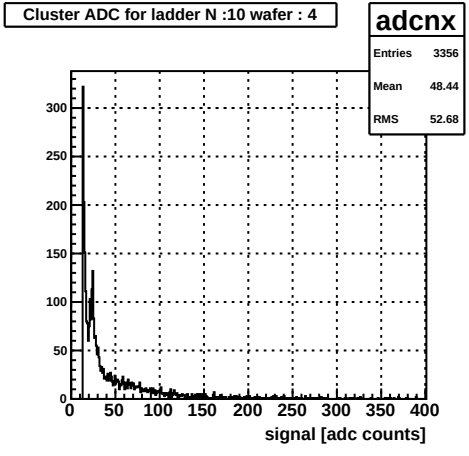

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 12212
Mean 26.28
RMS 31.6
signal [adc counts]

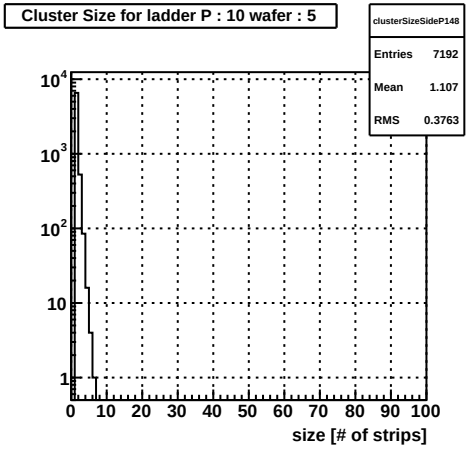

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 4442
Mean 1.286
RMS 0.6426
size [# of strips]

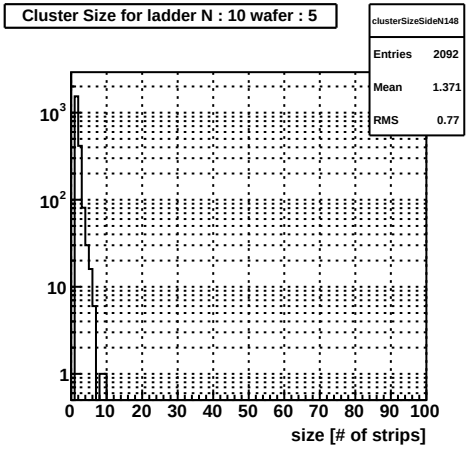

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 3356
Mean 1.321
RMS 0.7111
size [# of strips]

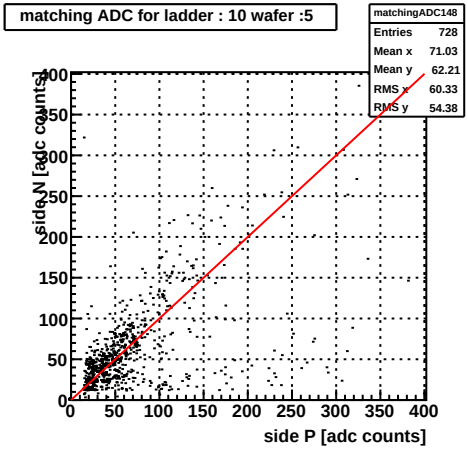

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 198
Mean x 58.35
Mean y 71.63
RMS x 49.17
RMS y 66.99
side N [adc counts]
side P [adc counts]

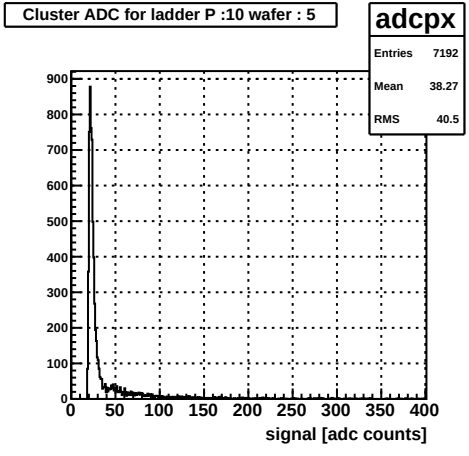

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 4442
Mean 36.87
RMS 26.13
signal [adc counts]

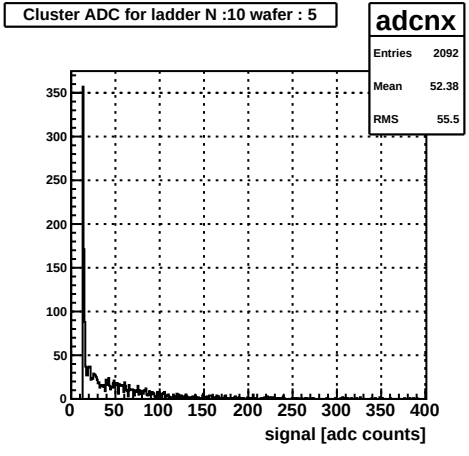

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 3356
Mean 48.44
RMS 52.68
signal [adc counts]

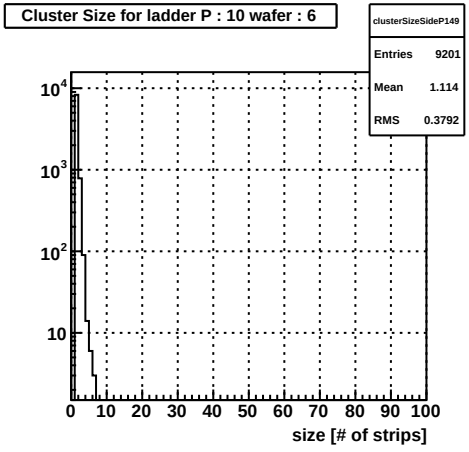

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 7192
Mean 1.107
RMS 0.3763
size [# of strips]

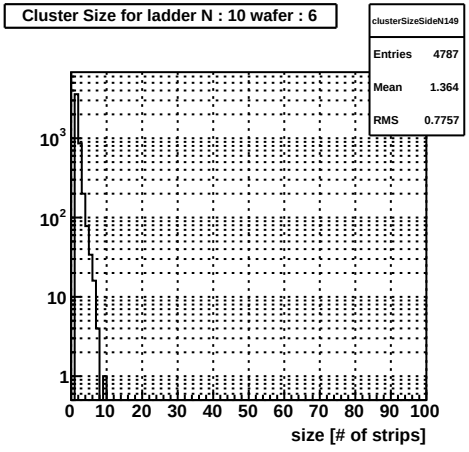

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 2092
Mean 1.371
RMS 0.77
size [# of strips]

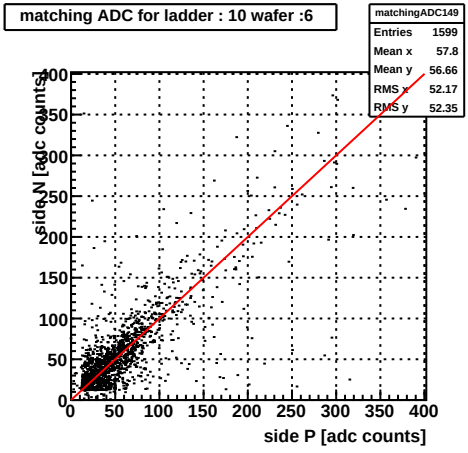

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 728
Mean x 71.03
Mean y 62.21
RMS x 60.33
RMS y 54.38
side N [adc counts]
side P [adc counts]

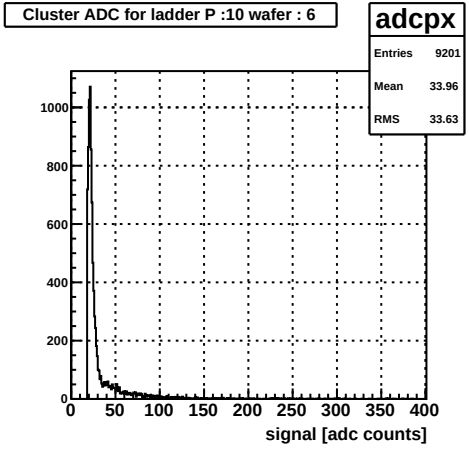

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 7192
Mean 38.27
RMS 40.5
signal [adc counts]

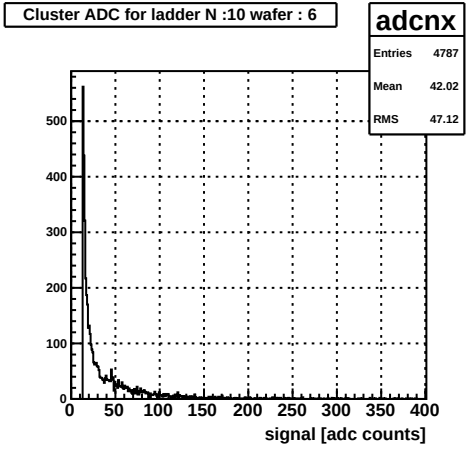

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 2092
Mean 52.38
RMS 55.5
signal [adc counts]

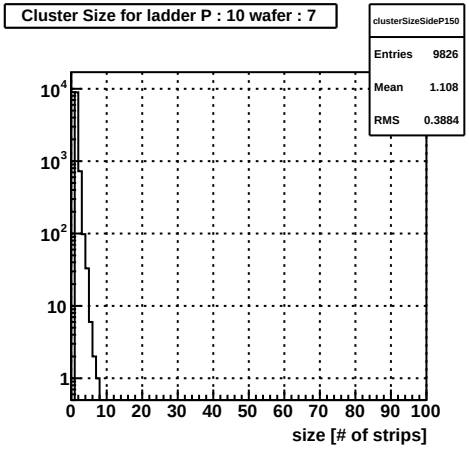

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 9201
Mean 1.114
RMS 0.3792
size [# of strips]

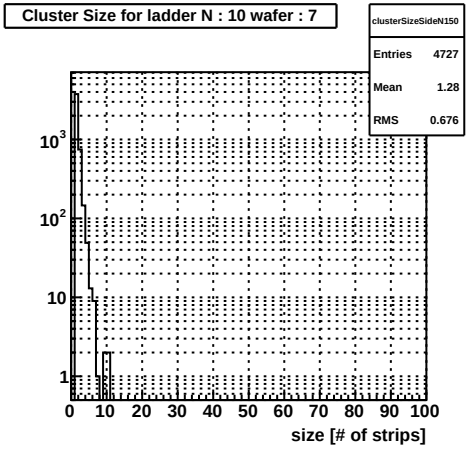

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 4787
Mean 1.364
RMS 0.7757
size [# of strips]

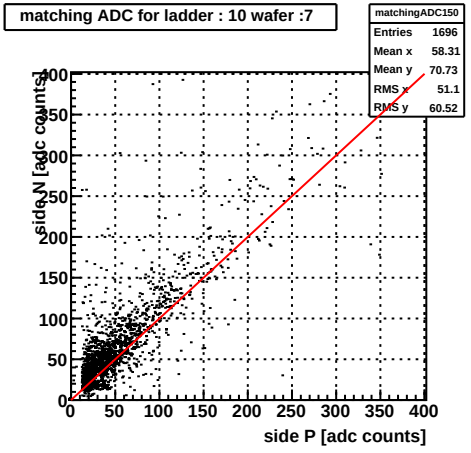

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 1599
Mean x 57.8
Mean y 56.66
RMS x 52.17
RMS y 52.35
side N [adc counts]
side P [adc counts]

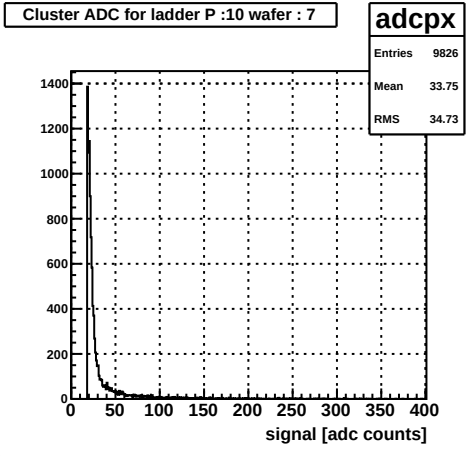

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 9201
Mean 33.96
RMS 33.63
signal [adc counts]

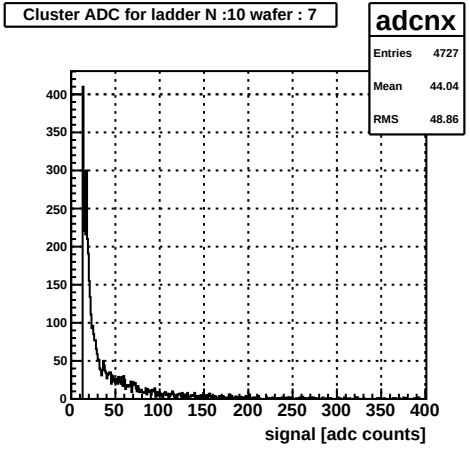

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 4787
Mean 42.02
RMS 47.12
signal [adc counts]

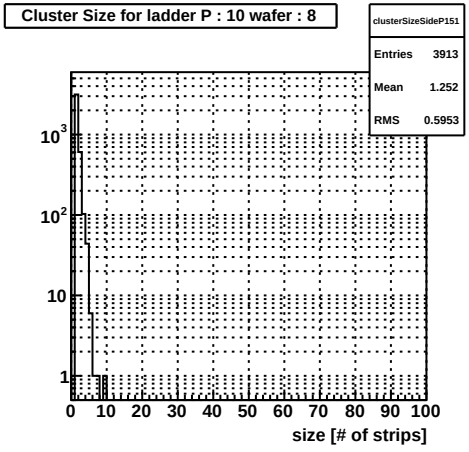

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 9826
Mean 1.108
RMS 0.3884
size [# of strips]

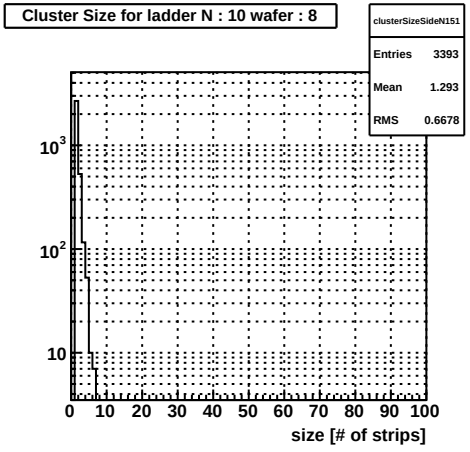

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 4727
Mean 1.28
RMS 0.676
size [# of strips]

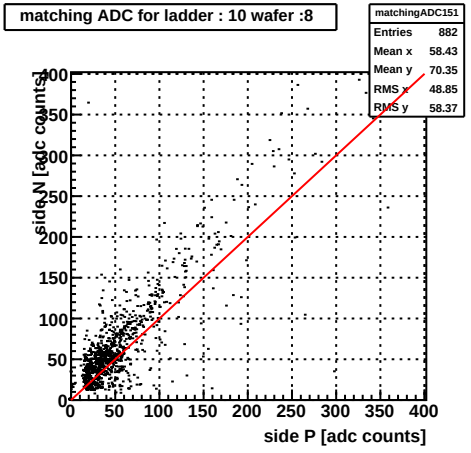

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 1696
Mean x 58.31
Mean y 70.73
RMS x 51.1
RMS y 60.52
side N [adc counts]
side P [adc counts]

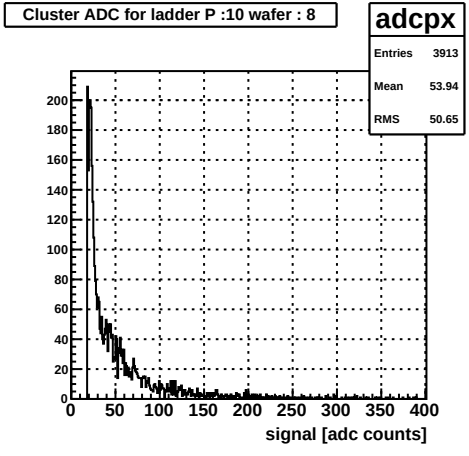

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 9826
Mean 33.75
RMS 34.73
signal [adc counts]

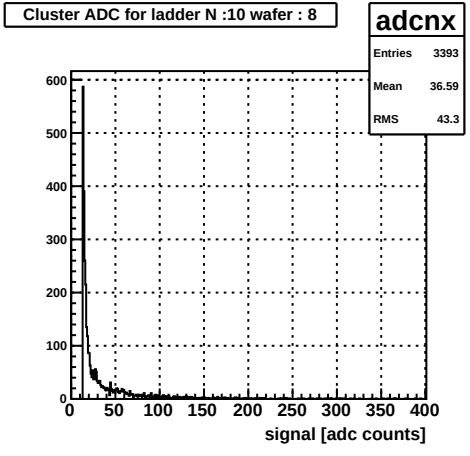

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 4727
Mean 44.04
RMS 48.86
signal [adc counts]

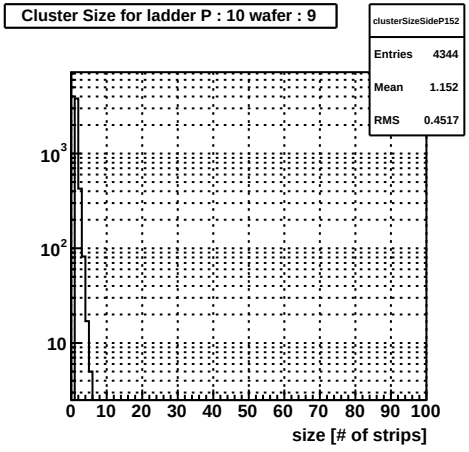

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 3913
Mean 1.252
RMS 0.5953
size [# of strips]

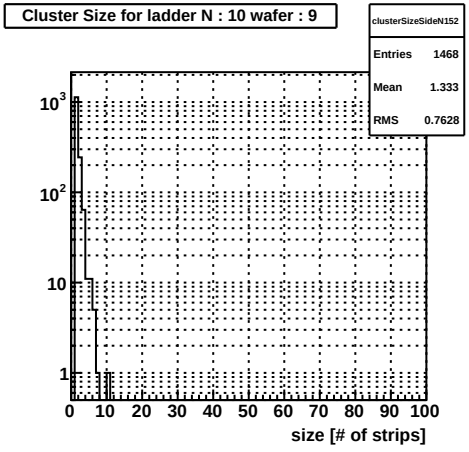

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 3393
Mean 1.293
RMS 0.6678
size [# of strips]

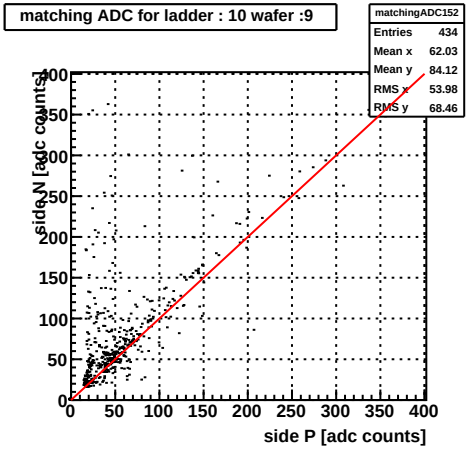

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 882
Mean x 58.43
Mean y 70.35
RMS x 48.85
RMS y 58.37
side N [adc counts]
side P [adc counts]

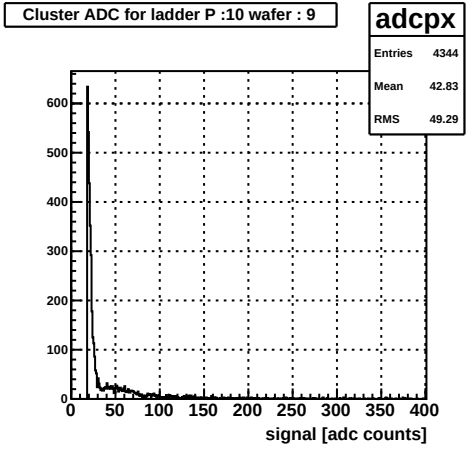

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 3913
Mean 53.94
RMS 50.65
signal [adc counts]

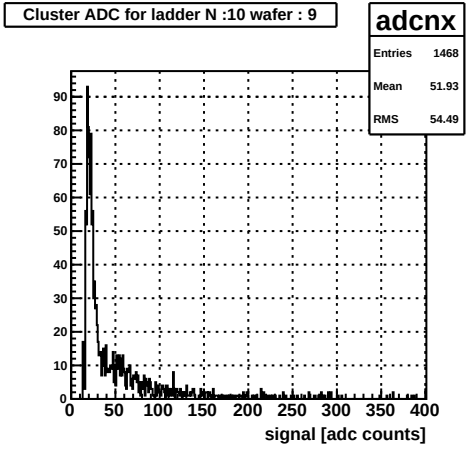

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 3393
Mean 36.59
RMS 43.3
signal [adc counts]

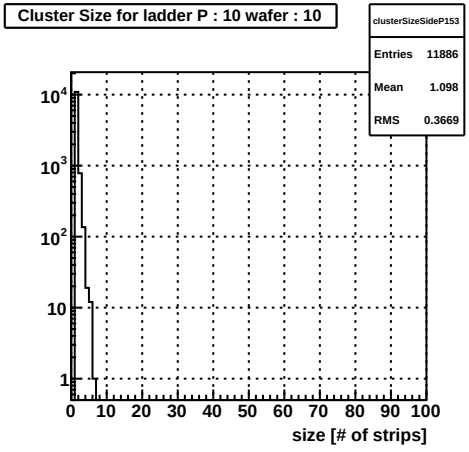

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 4344
Mean 1.152
RMS 0.4517
size [# of strips]

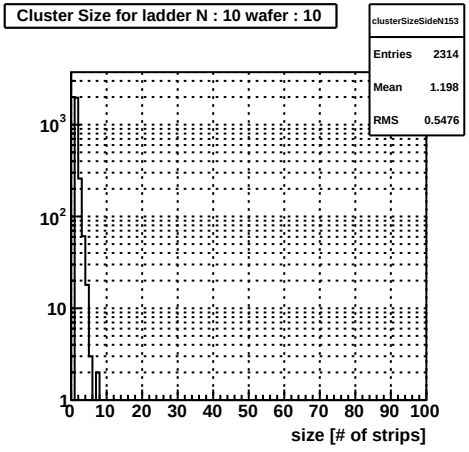

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 1468
Mean 1.333
RMS 0.7628
size [# of strips]

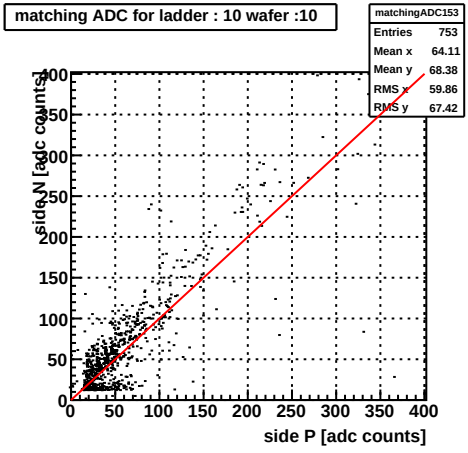

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 434
Mean x 62.03
Mean y 84.12
RMS x 53.98
RMS y 68.46
side N [adc counts]
side P [adc counts]

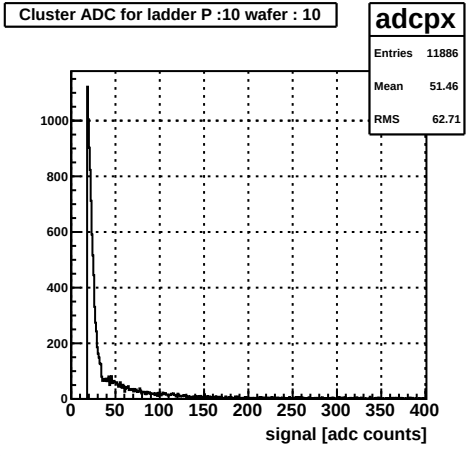

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 4344
Mean 42.83
RMS 49.29
signal [adc counts]

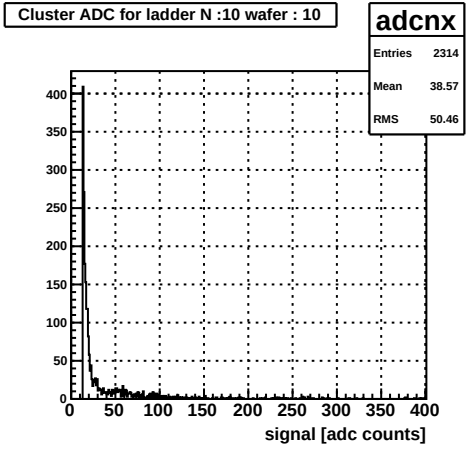

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 1468
Mean 51.93
RMS 54.49
signal [adc counts]

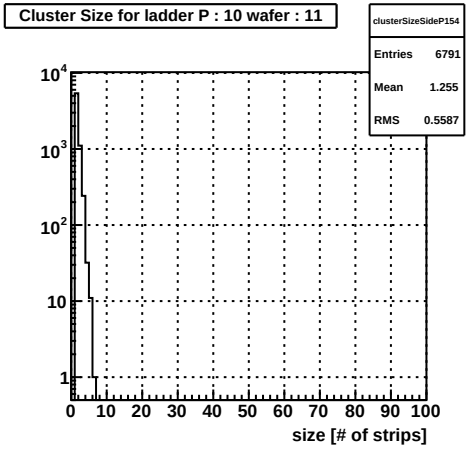

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 11886
Mean 1.098
RMS 0.3669
size [# of strips]

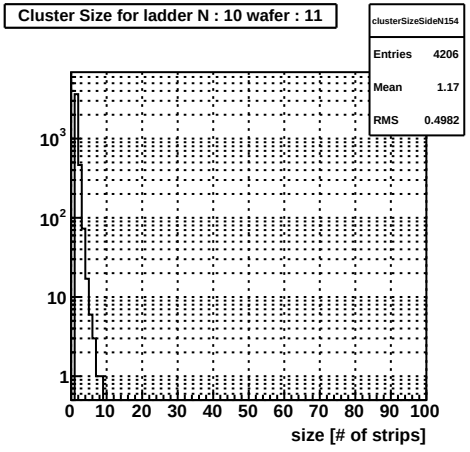

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2314
Mean 1.198
RMS 0.5476
size [# of strips]

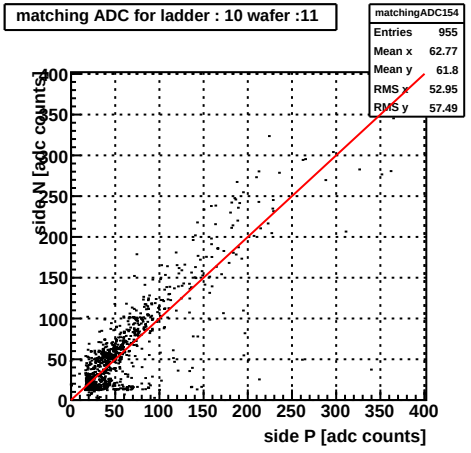

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 753
Mean x 64.11
Mean y 68.38
RMS x 59.86
RMS y 67.42
side N [adc counts]
side P [adc counts]

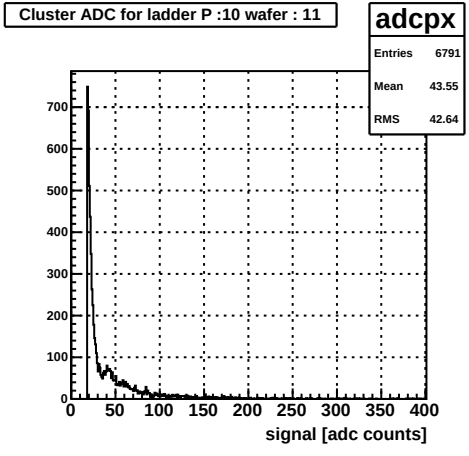

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 11886
Mean 51.46
RMS 62.71
signal [adc counts]

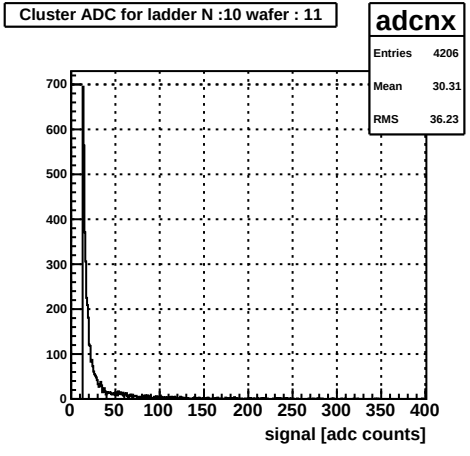

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2314
Mean 38.57
RMS 50.46
signal [adc counts]

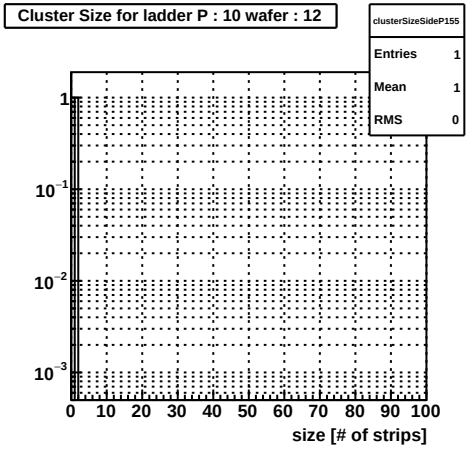

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 6791
Mean 1.255
RMS 0.5587
size [# of strips]

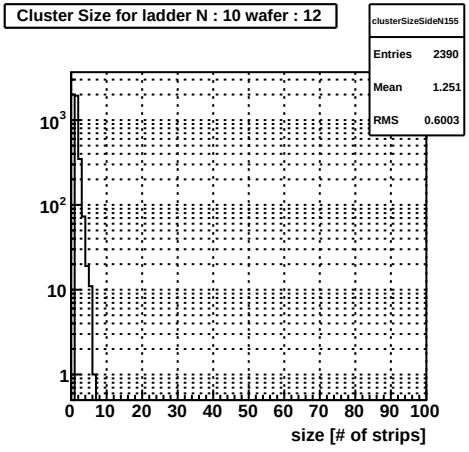

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4206
Mean 1.17
RMS 0.4982
size [# of strips]

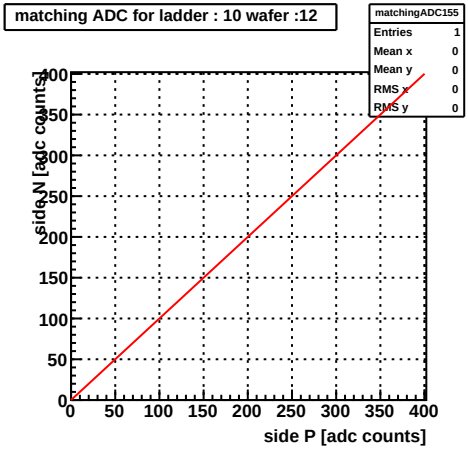

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 955
Mean x 62.77
Mean y 61.8
RMS x 52.95
RMS y 57.49
side N [adc counts]
side P [adc counts]

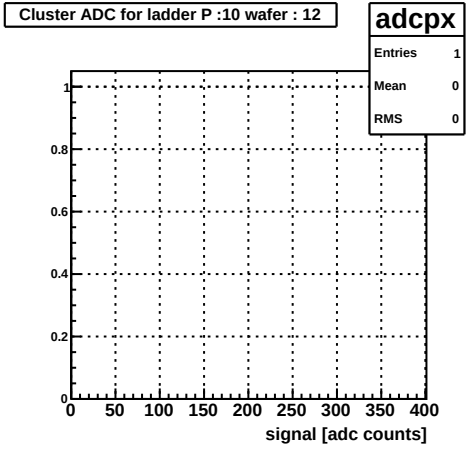

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 6791
Mean 43.55
RMS 42.64
signal [adc counts]

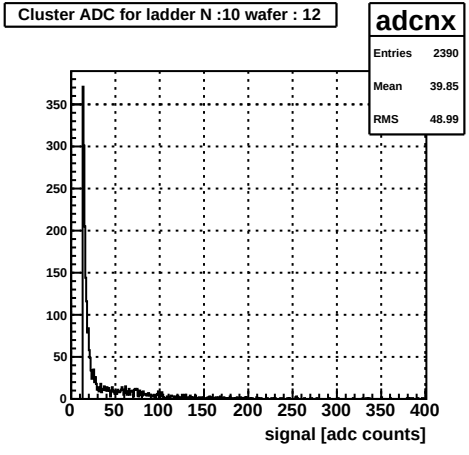

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4206
Mean 30.31
RMS 36.23
signal [adc counts]

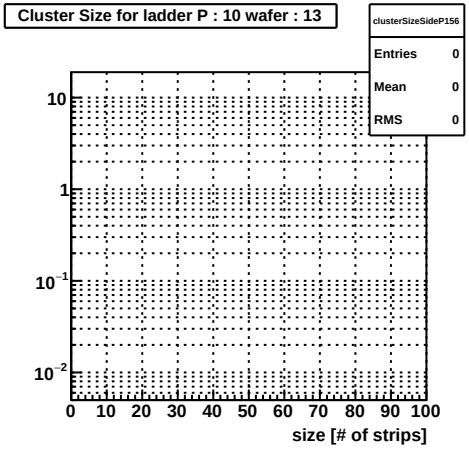

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 1
Mean 1
RMS 0
size [# of strips]

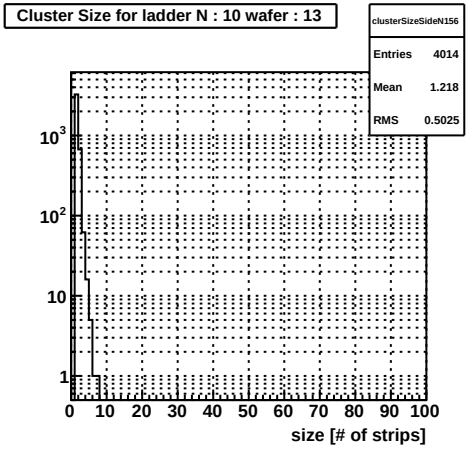

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2390
Mean 1.251
RMS 0.6003
size [# of strips]

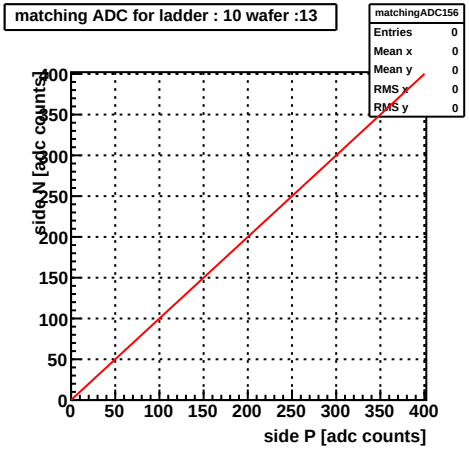

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

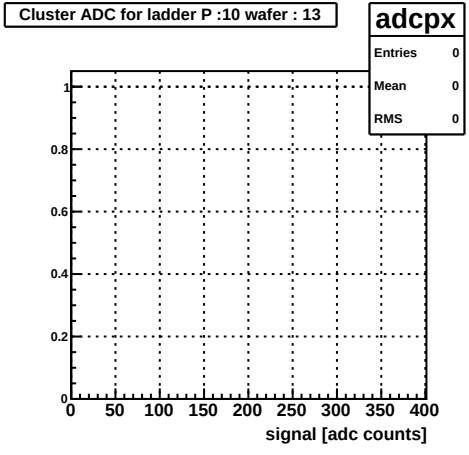

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

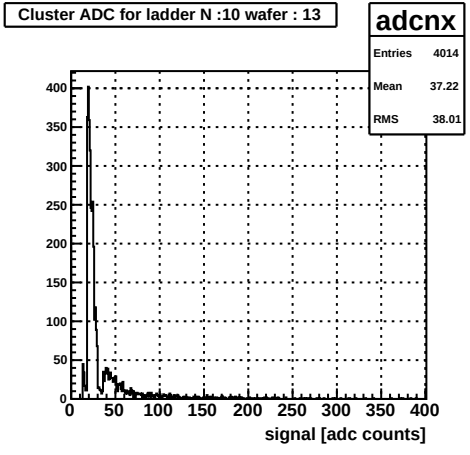

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2390
Mean 39.85
RMS 48.99
signal [adc counts]

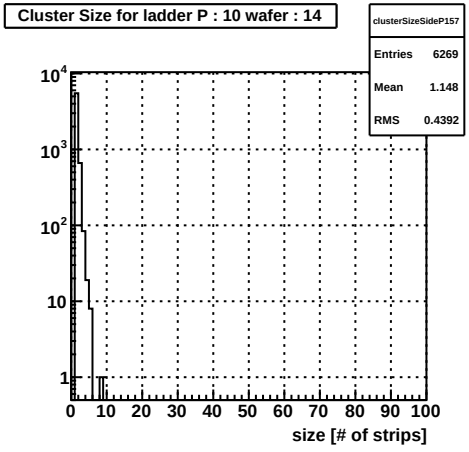

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

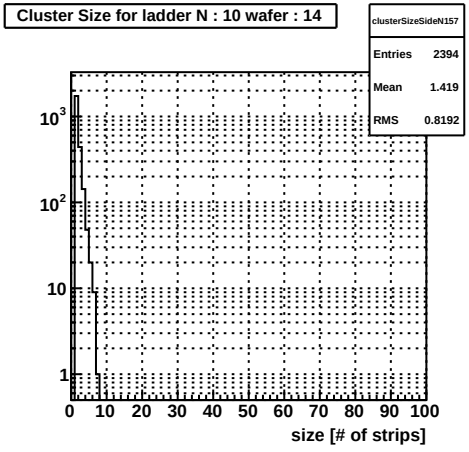

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 4014
Mean 1.218
RMS 0.5025
size [# of strips]

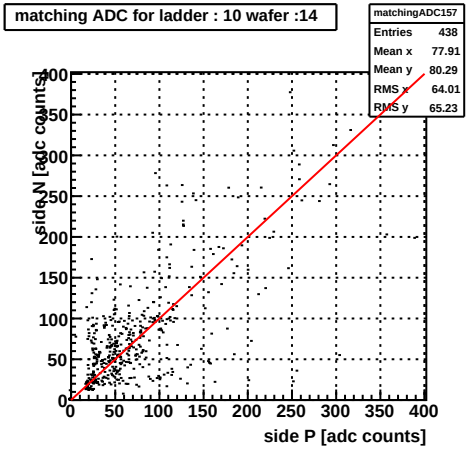

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

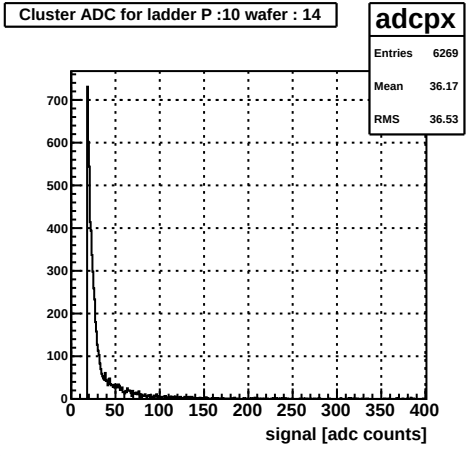

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

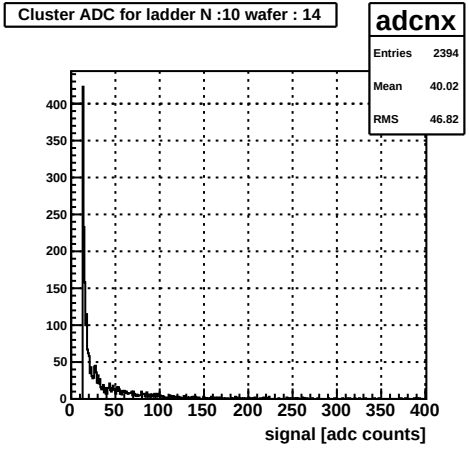

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 4014
Mean 37.22
RMS 38.01
signal [adc counts]

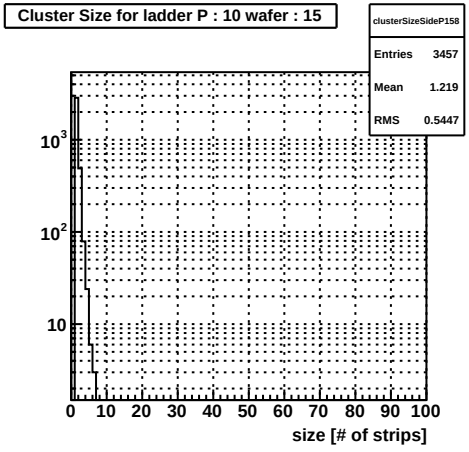

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 6269
Mean 1.148
RMS 0.4392
size [# of strips]

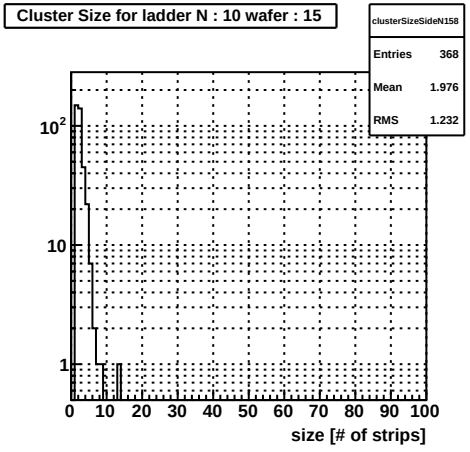

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 2394
Mean 1.419
RMS 0.8192
size [# of strips]

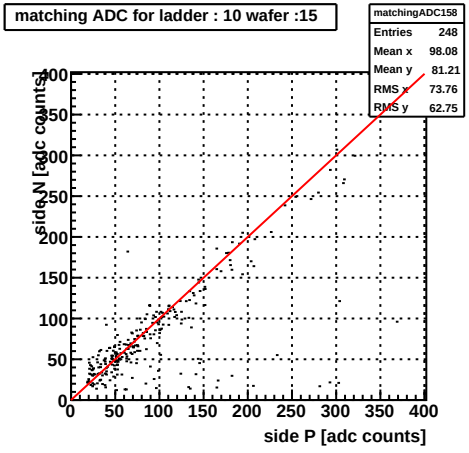

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 438
Mean x 77.91
Mean y 80.29
RMS x 64.01
RMS y 65.23
side N [adc counts]
side P [adc counts]

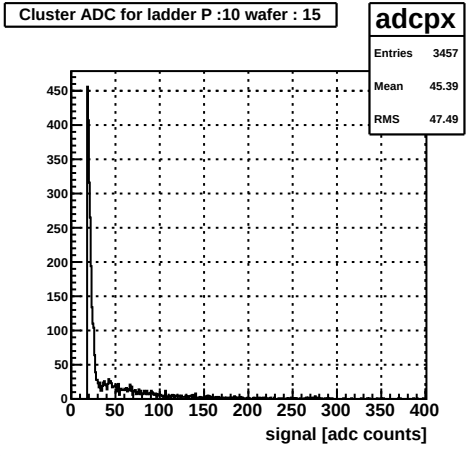

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 6269
Mean 36.17
RMS 36.53
signal [adc counts]

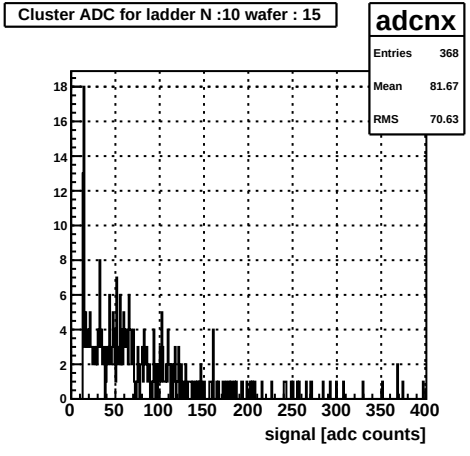

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 2394
Mean 40.02
RMS 46.82
signal [adc counts]

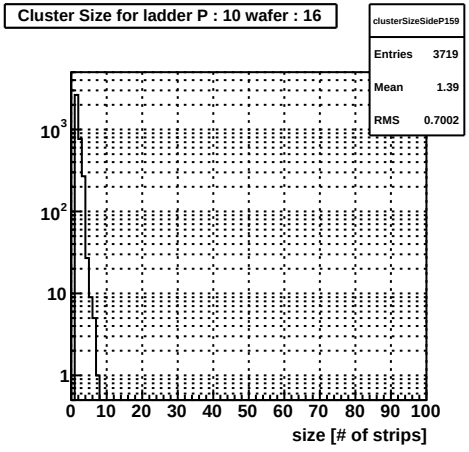

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 3457
Mean 1.219
RMS 0.5447
size [# of strips]

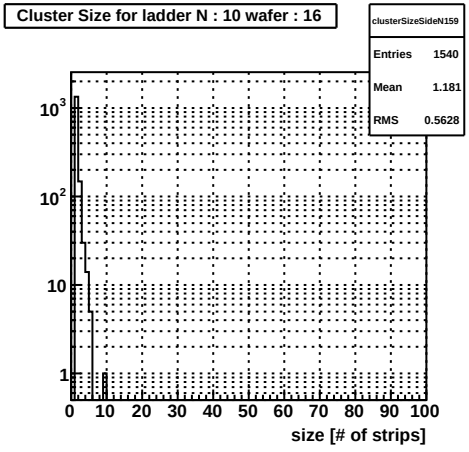

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 368
Mean 1.976
RMS 1.232
size [# of strips]

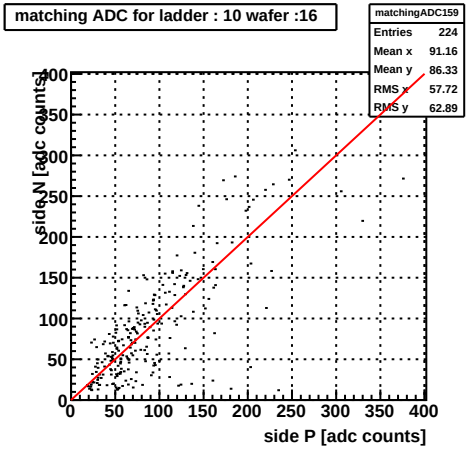

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 248
Mean x 98.08
Mean y 81.21
RMS x 73.76
RMS y 62.75
side N [adc counts]
side P [adc counts]

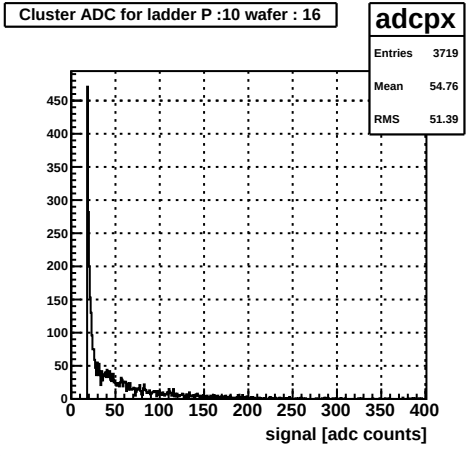

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 3457
Mean 45.39
RMS 47.49
signal [adc counts]

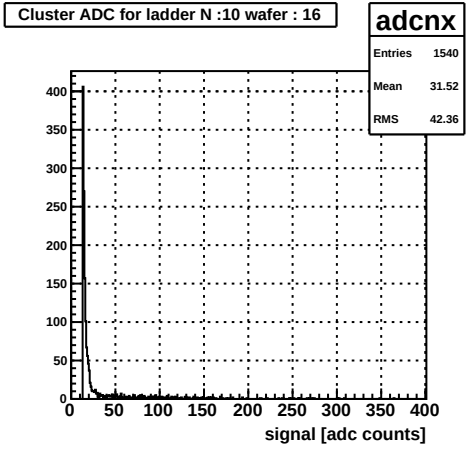

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 368
Mean 81.67
RMS 70.63
signal [adc counts]

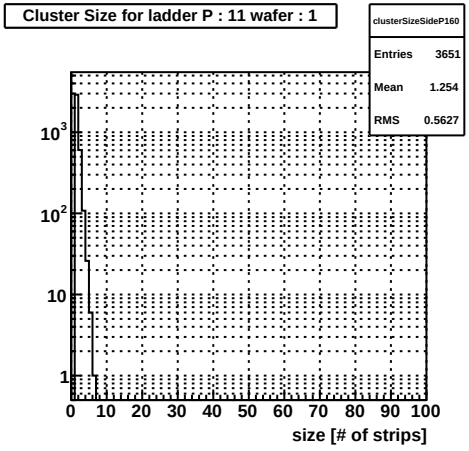

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 3719
Mean 1.39
RMS 0.7002
size [# of strips]

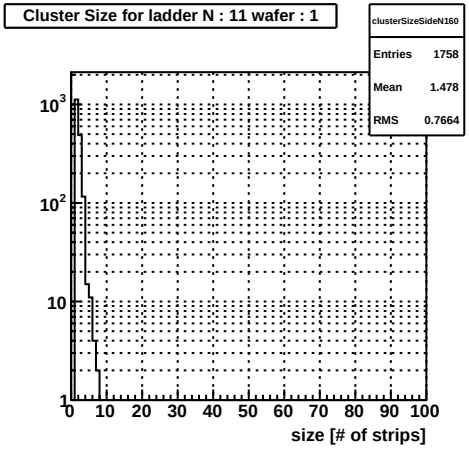

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1540
Mean 1.181
RMS 0.5628
size [# of strips]

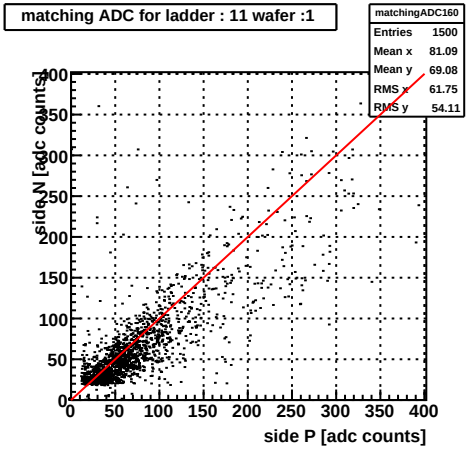

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 224
Mean x 91.16
Mean y 86.33
RMS x 57.72
RMS y 62.89
side N [adc counts]
side P [adc counts]

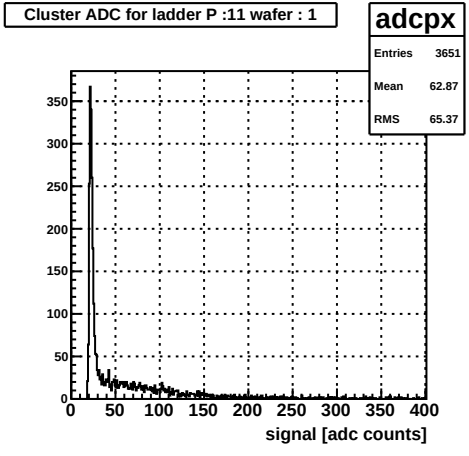

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 3719
Mean 54.76
RMS 51.39
signal [adc counts]

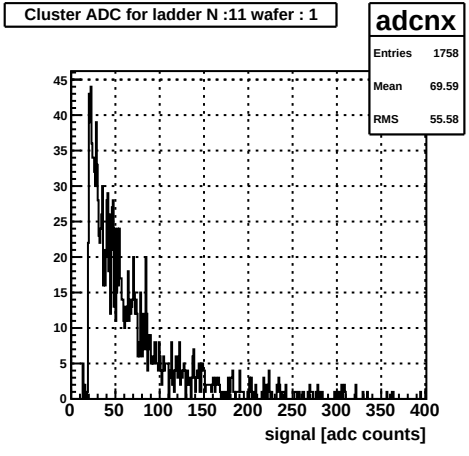

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1540
Mean 31.52
RMS 42.36
signal [adc counts]

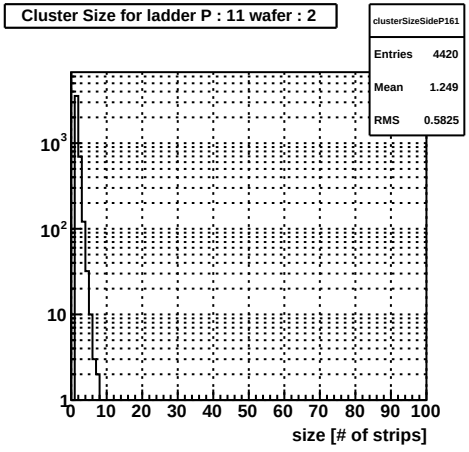

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3651
Mean 1.254
RMS 0.5627
size [# of strips]

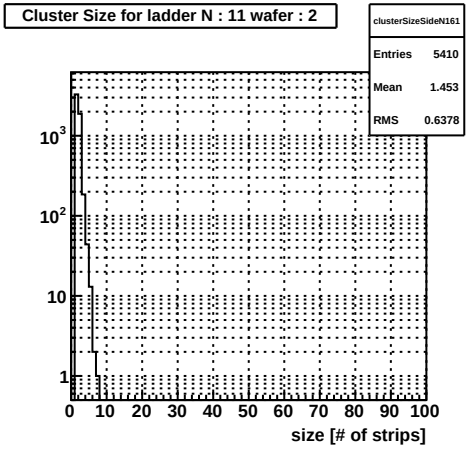

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1758
Mean 1.478
RMS 0.7664
size [# of strips]

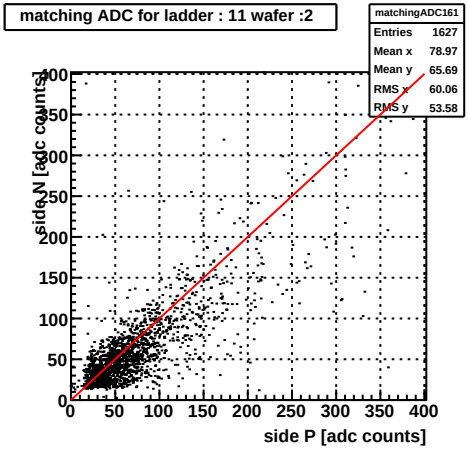

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 1500
Mean x 81.09
Mean y 69.08
RMS x 61.75
RMS y 54.11
side N [adc counts]
side P [adc counts]

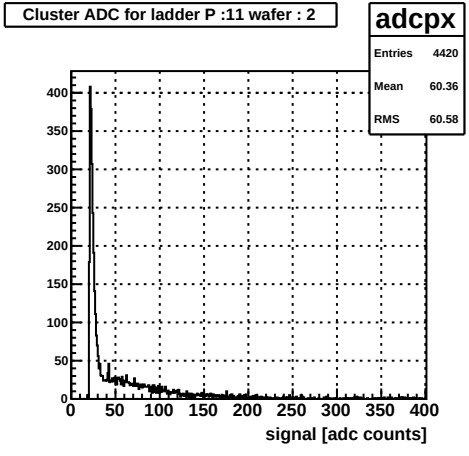

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3651
Mean 62.87
RMS 65.37
signal [adc counts]

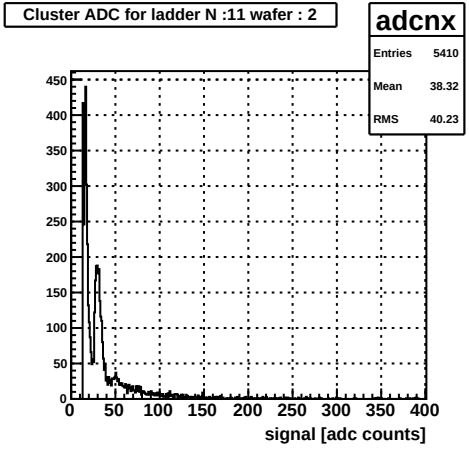

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1758
Mean 69.59
RMS 55.58
signal [adc counts]

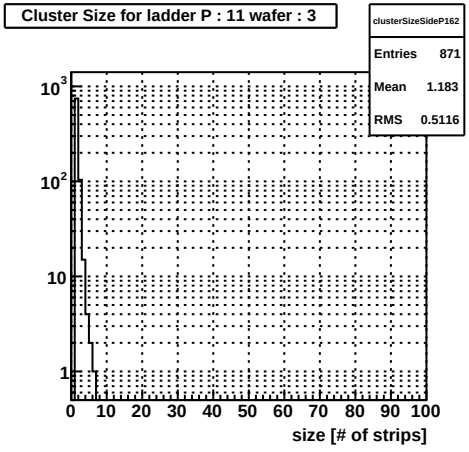

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 4420
Mean 1.249
RMS 0.5825
size [# of strips]

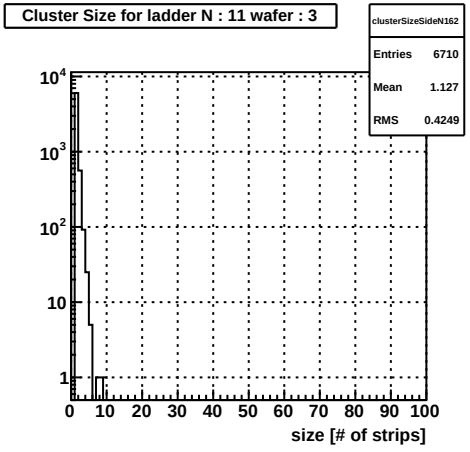

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 5410
Mean 1.453
RMS 0.6378
size [# of strips]

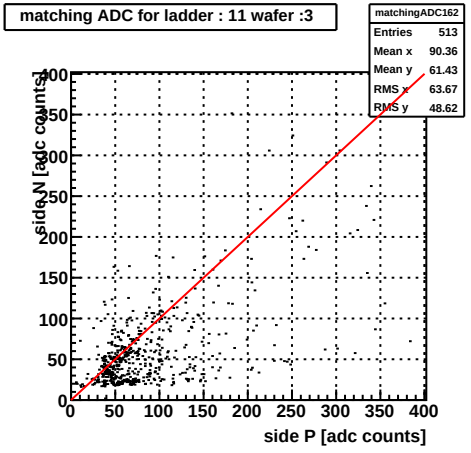

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 1627
Mean x 78.97
Mean y 65.69
RMS x 60.06
RMS y 53.58
side N [adc counts]
side P [adc counts]

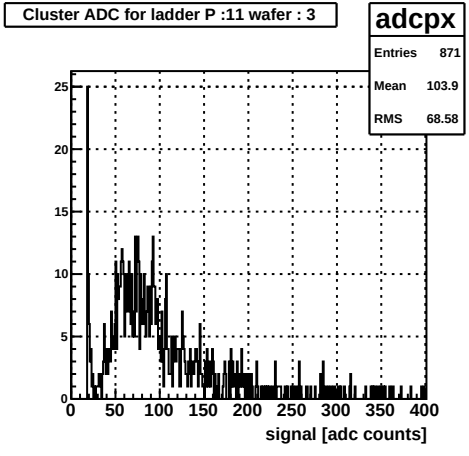

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 4420
Mean 60.36
RMS 60.58
signal [adc counts]

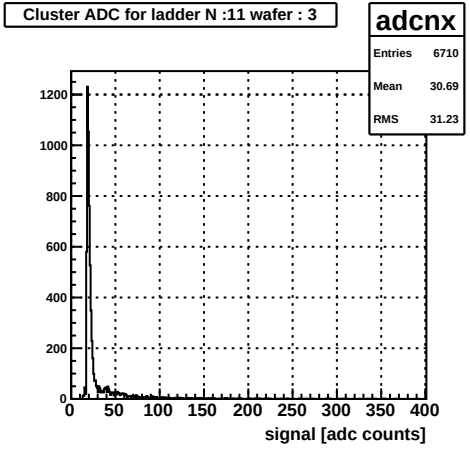

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 5410
Mean 38.32
RMS 40.23
signal [adc counts]

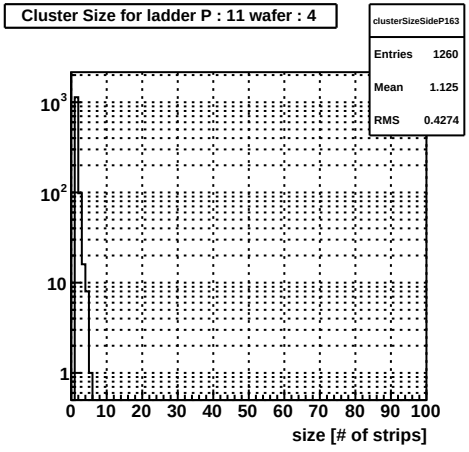

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 871
Mean 1.183
RMS 0.5116
size [# of strips]

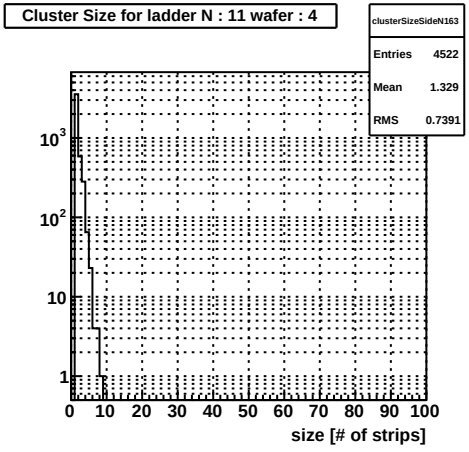

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 6710
Mean 1.127
RMS 0.4249
size [# of strips]

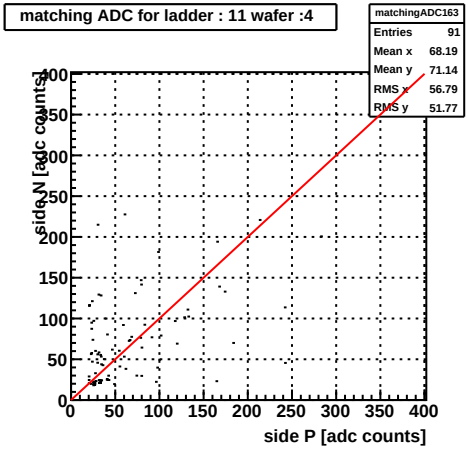

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 513
Mean x 90.36
Mean y 61.43
RMS x 63.67
RMS y 48.62
side N [adc counts]
side P [adc counts]

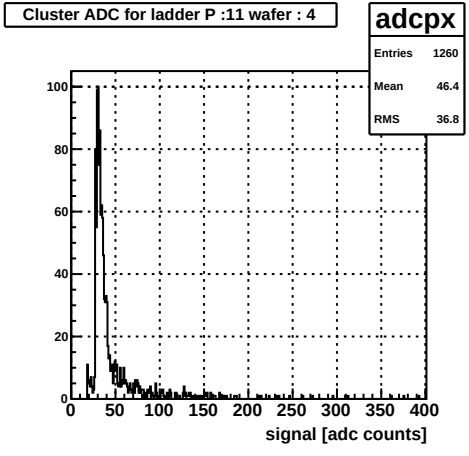

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 871
Mean 103.9
RMS 68.58
signal [adc counts]

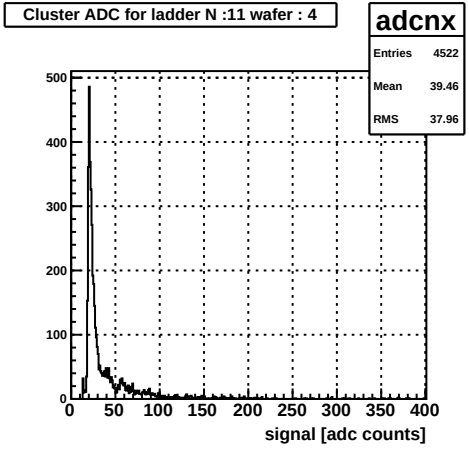

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 6710
Mean 30.69
RMS 31.23
signal [adc counts]

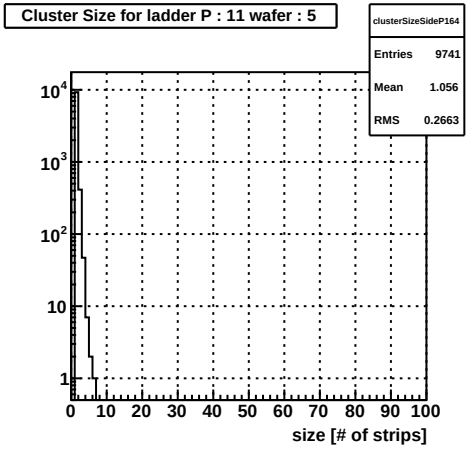

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 1260
Mean 1.125
RMS 0.4274
size [# of strips]

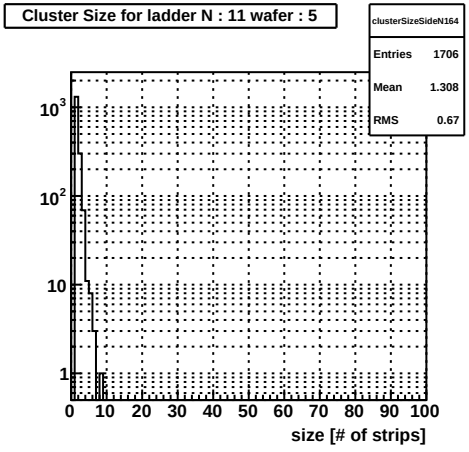

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 4522
Mean 1.329
RMS 0.7391
size [# of strips]

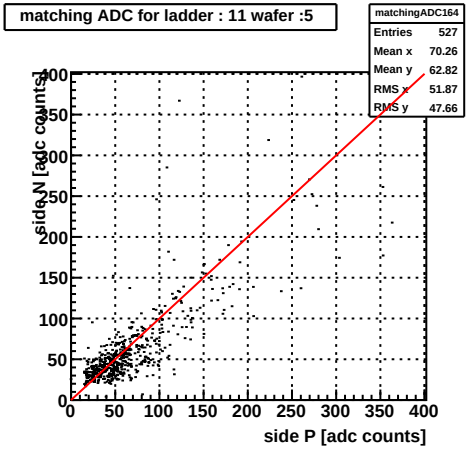

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 91
Mean x 68.19
Mean y 71.14
RMS x 56.79
RMS y 51.77
side N [adc counts]
side P [adc counts]

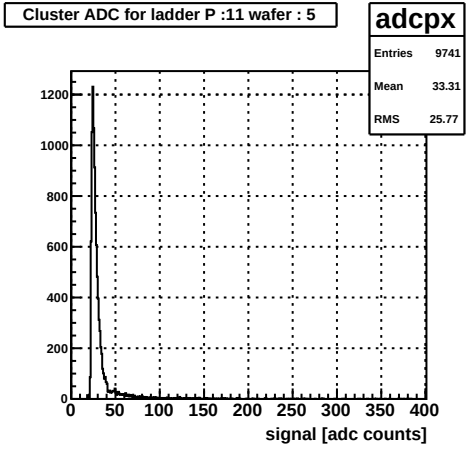

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 1260
Mean 46.4
RMS 36.8
signal [adc counts]

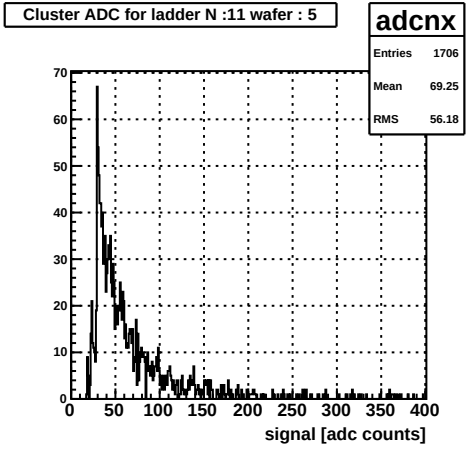

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 4522
Mean 39.46
RMS 37.96
signal [adc counts]

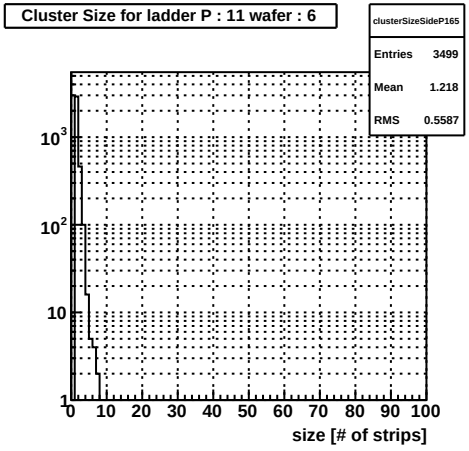

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 9741
Mean 1.056
RMS 0.2663
size [# of strips]

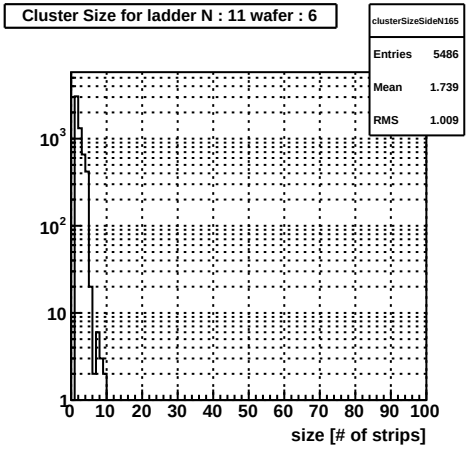

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1706
Mean 1.308
RMS 0.67
size [# of strips]

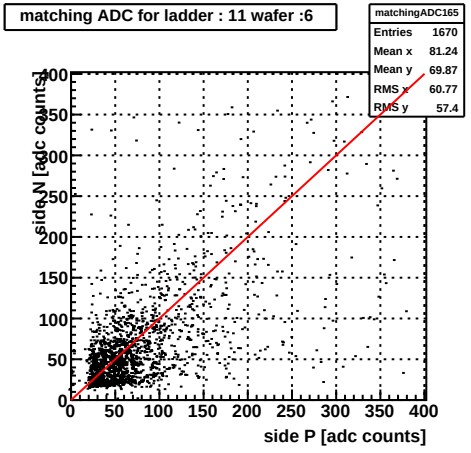

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 527
Mean x 70.26
Mean y 62.82
RMS x 51.87
RMS y 47.66
side N [adc counts]
side P [adc counts]

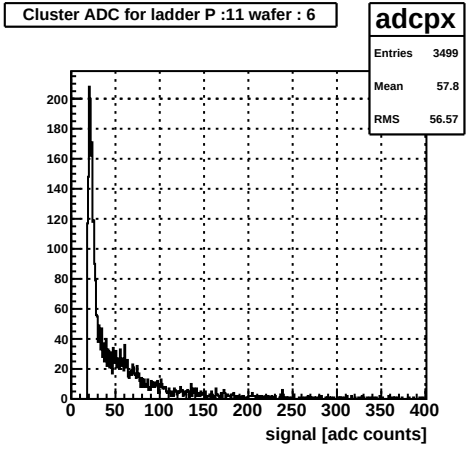

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 9741
Mean 33.31
RMS 25.77
signal [adc counts]

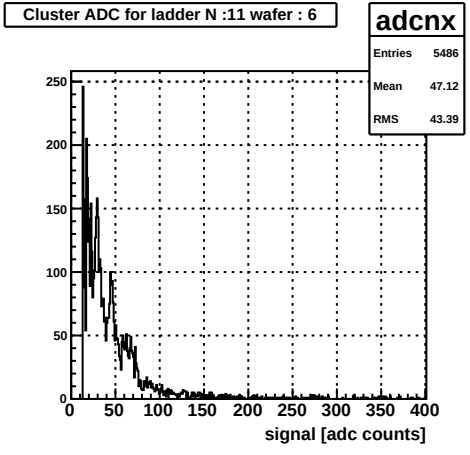

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1706
Mean 69.25
RMS 56.18
signal [adc counts]

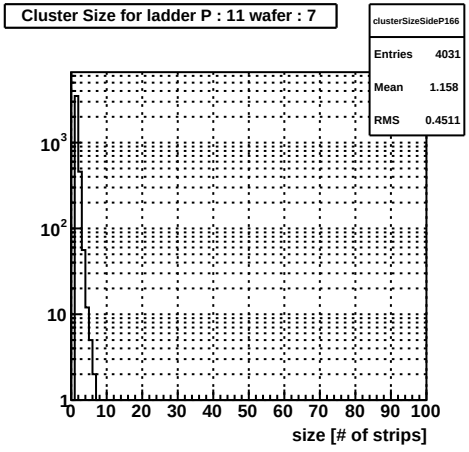

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 3499
Mean 1.218
RMS 0.5587
size [# of strips]

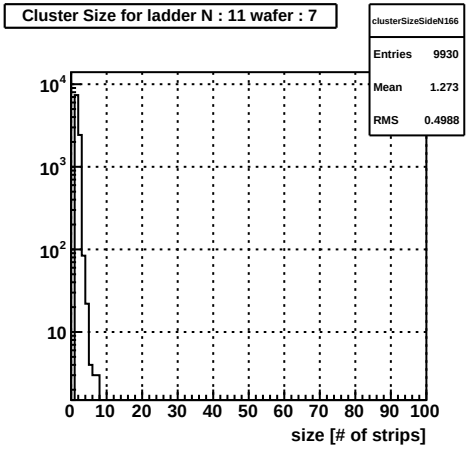

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 5486
Mean 1.739
RMS 1.009
size [# of strips]

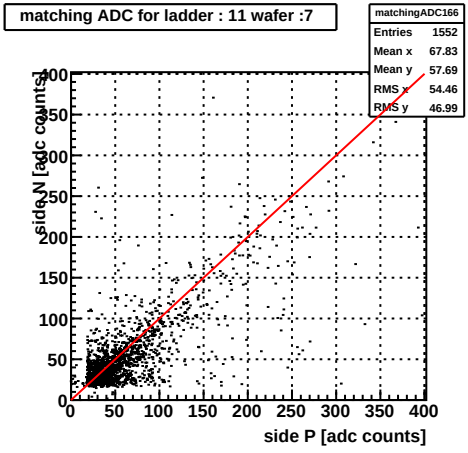

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 1670
Mean x 81.24
Mean y 69.87
RMS x 60.77
RMS y 57.4
side N [adc counts]
side P [adc counts]

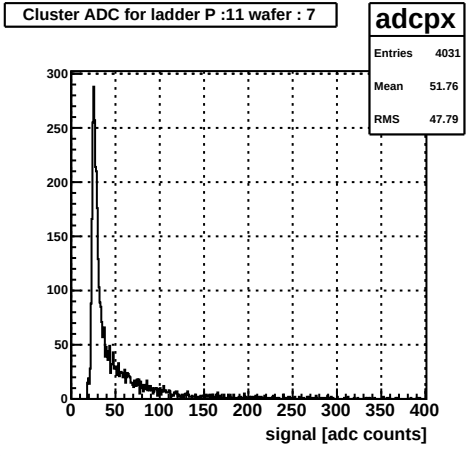

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 3499
Mean 57.8
RMS 56.57
signal [adc counts]

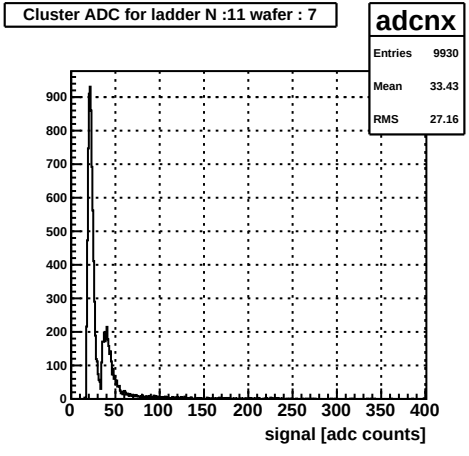

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 5486
Mean 47.12
RMS 43.39
signal [adc counts]

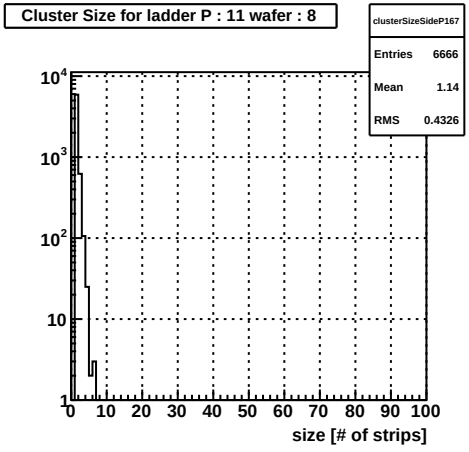

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 4031
Mean 1.158
RMS 0.4511
size [# of strips]

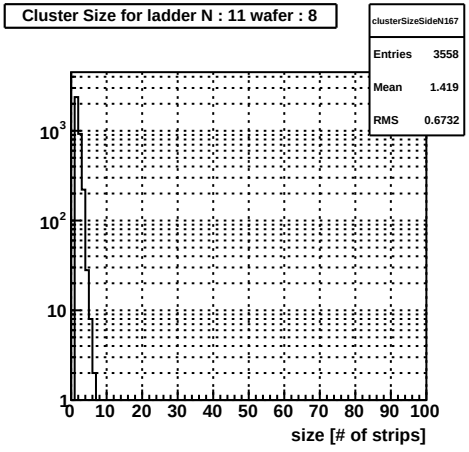

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 9930
Mean 1.273
RMS 0.4988
size [# of strips]

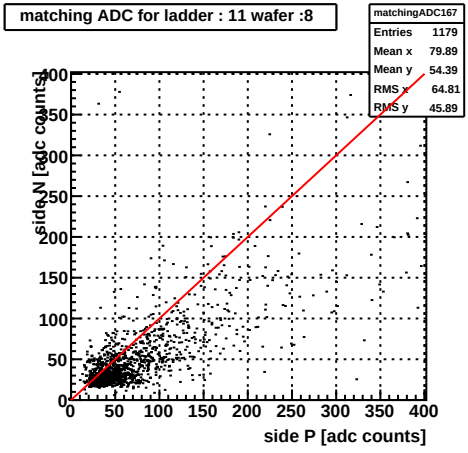

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 1552
Mean x 67.83
Mean y 57.69
RMS x 54.46
RMS y 46.99
side N [adc counts]
side P [adc counts]

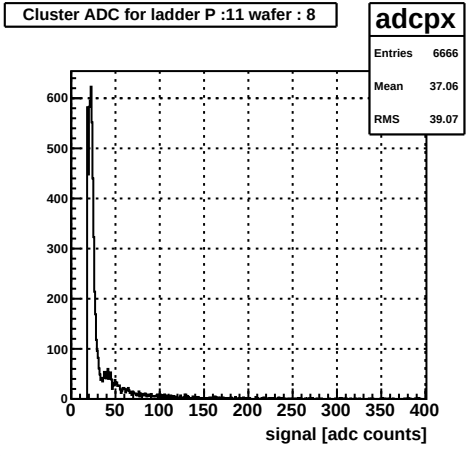

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 4031
Mean 51.76
RMS 47.79
signal [adc counts]

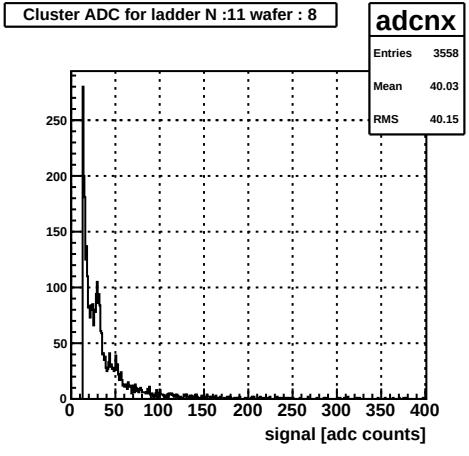

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 9930
Mean 33.43
RMS 27.16
signal [adc counts]

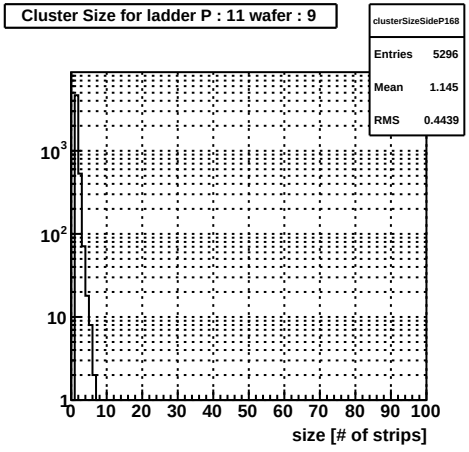

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 6666
Mean 1.14
RMS 0.4326
size [# of strips]

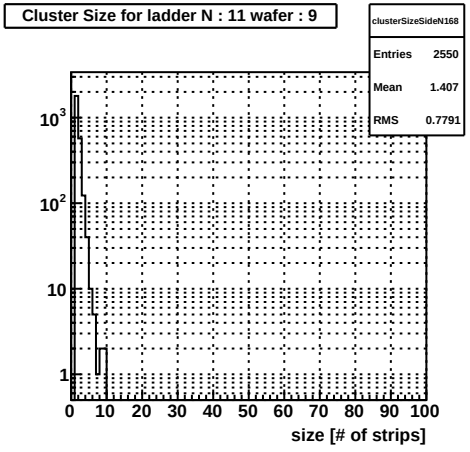

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 3558
Mean 1.419
RMS 0.6732
size [# of strips]

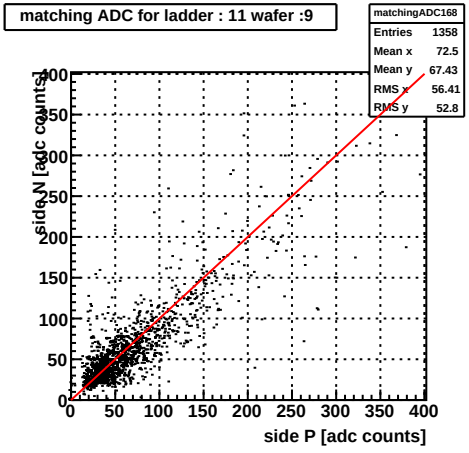

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 1179
Mean x 79.89
Mean y 54.39
RMS x 64.81
RMS y 45.89
side N [adc counts]
side P [adc counts]

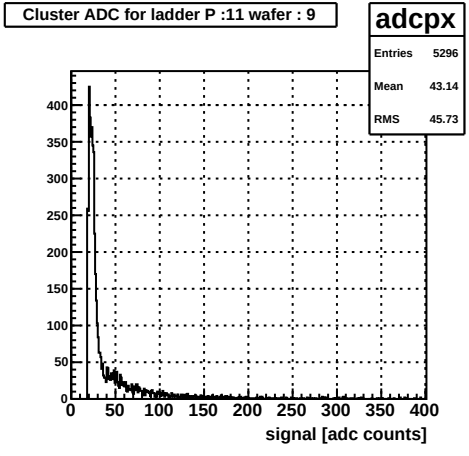

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 6666
Mean 37.06
RMS 39.07
signal [adc counts]

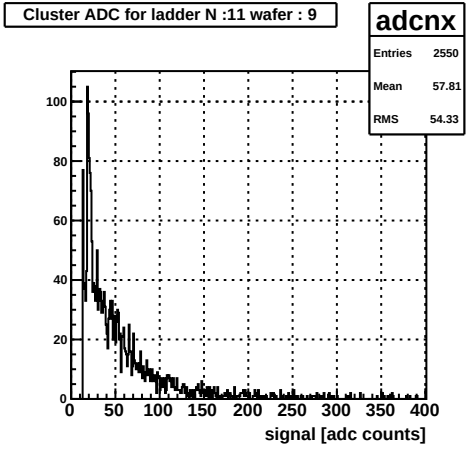

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 3558
Mean 40.03
RMS 40.15
signal [adc counts]

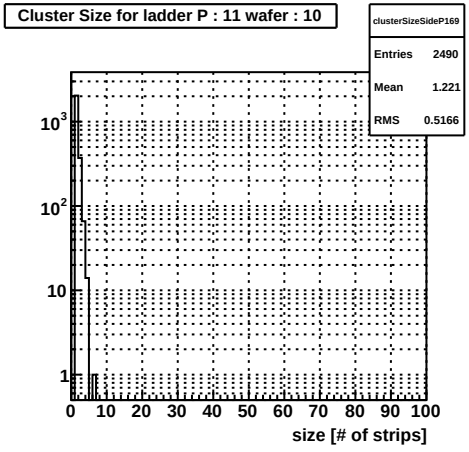

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 5296
Mean 1.145
RMS 0.4439
size [# of strips]

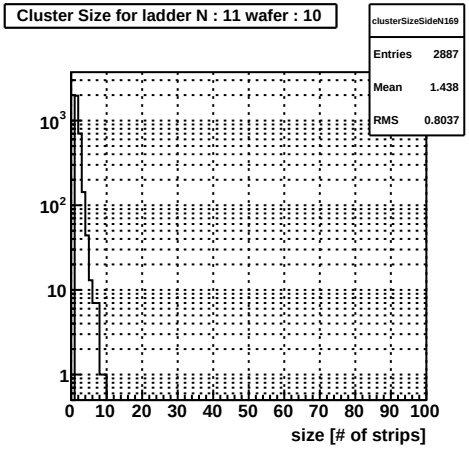

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2550
Mean 1.407
RMS 0.7791
size [# of strips]

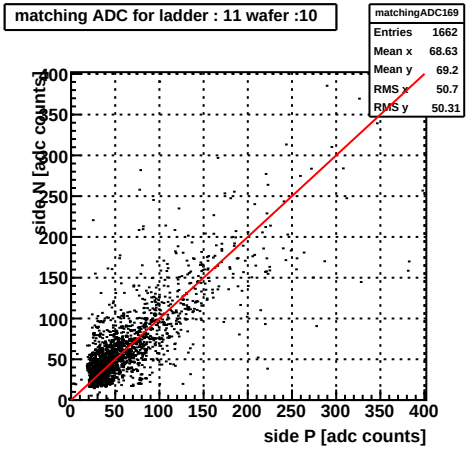

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 1358
Mean x 72.5
Mean y 67.43
RMS x 56.41
RMS y 52.8
side N [adc counts]
side P [adc counts]

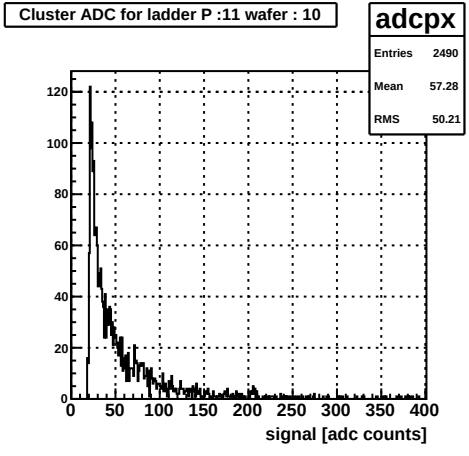

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 5296
Mean 43.14
RMS 45.73
signal [adc counts]

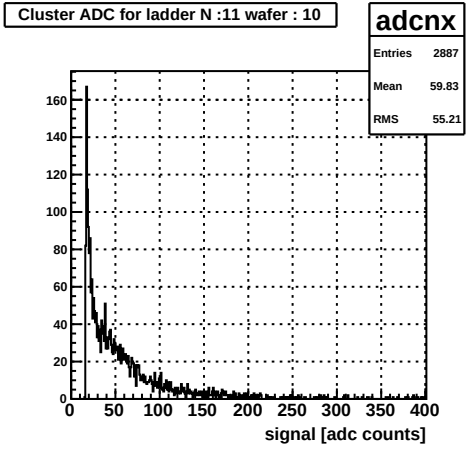

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2550
Mean 57.81
RMS 54.33
signal [adc counts]

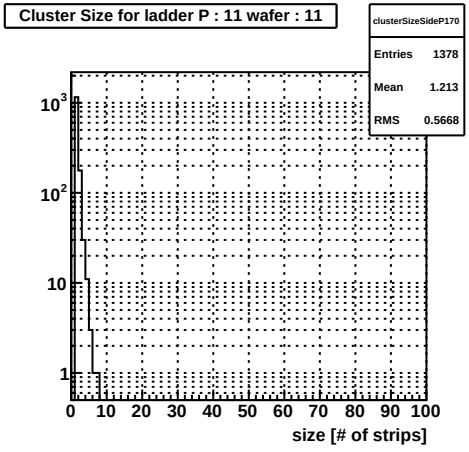

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 2490
Mean 1.221
RMS 0.5166
size [# of strips]

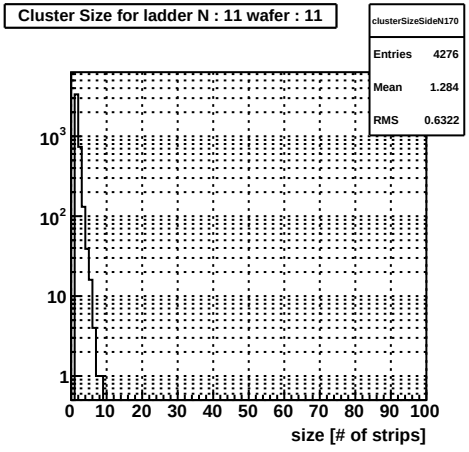

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 2887
Mean 1.438
RMS 0.8037
size [# of strips]

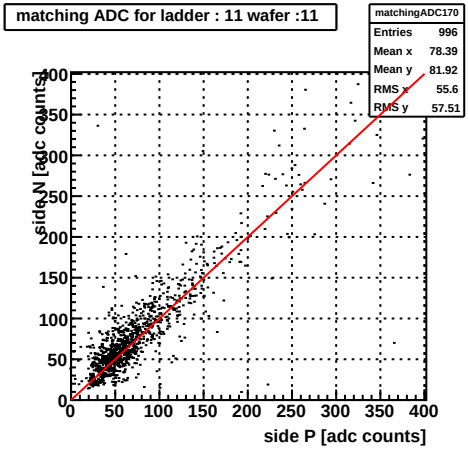

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 1662
Mean x 68.63
Mean y 69.2
RMS x 50.7
RMS y 50.31
side N [adc counts]
side P [adc counts]

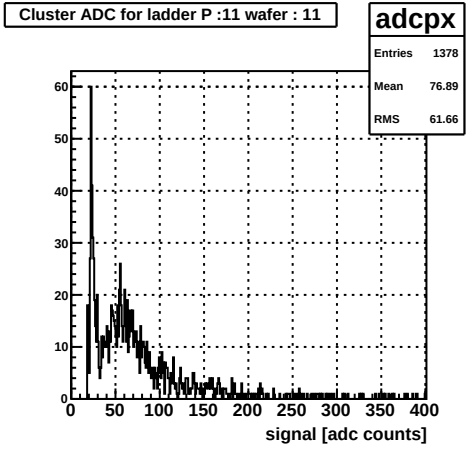

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 2490
Mean 57.28
RMS 50.21
signal [adc counts]

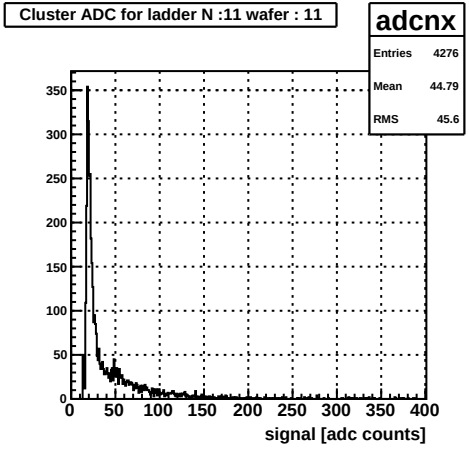

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 2887
Mean 59.83
RMS 55.21
signal [adc counts]

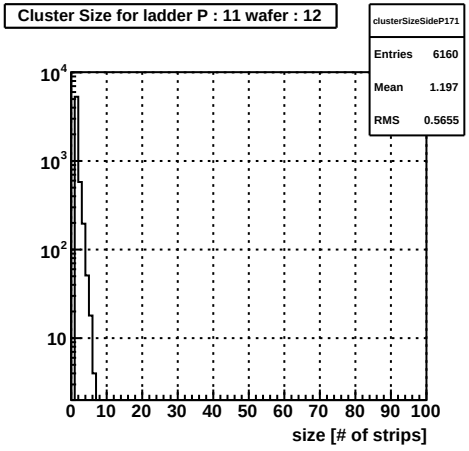

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 1378
Mean 1.213
RMS 0.5668
size [# of strips]

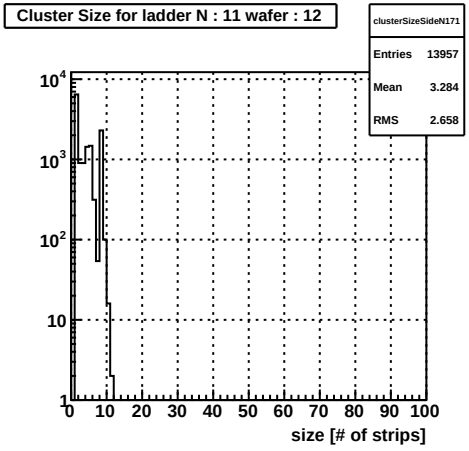

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 4276
Mean 1.284
RMS 0.6322
size [# of strips]

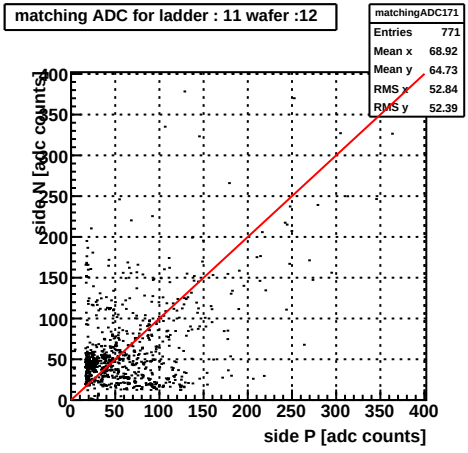

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 996
Mean x 78.39
Mean y 81.92
RMS x 55.6
RMS y 57.51
side N [adc counts]
side P [adc counts]

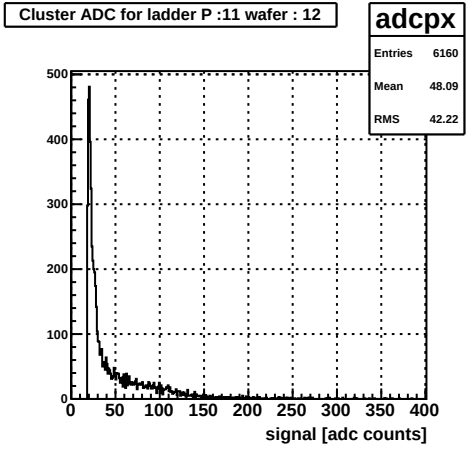

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 1378
Mean 76.89
RMS 61.66
signal [adc counts]

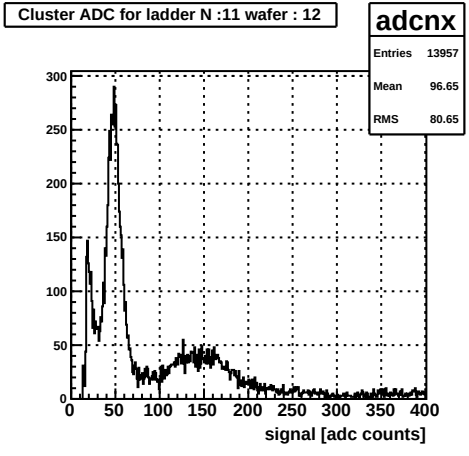

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 4276
Mean 44.79
RMS 45.6
signal [adc counts]

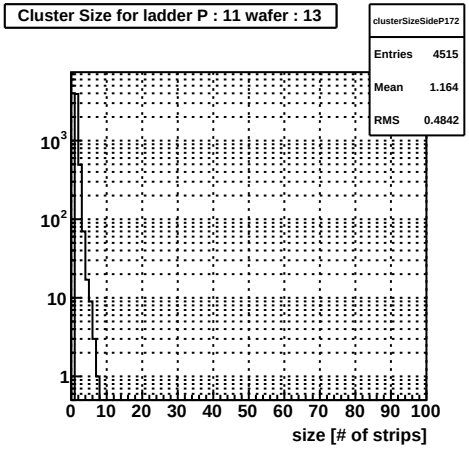

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 6160
Mean 1.197
RMS 0.5655
size [# of strips]

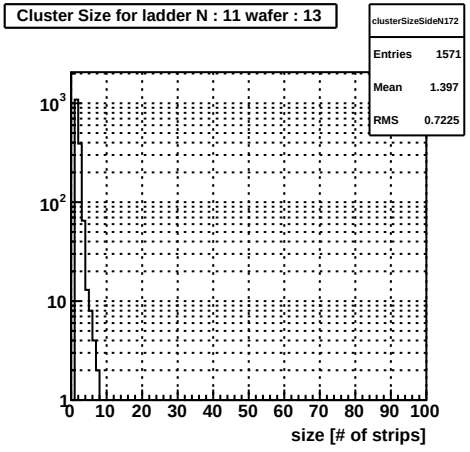

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 13957
Mean 3.284
RMS 2.658
size [# of strips]

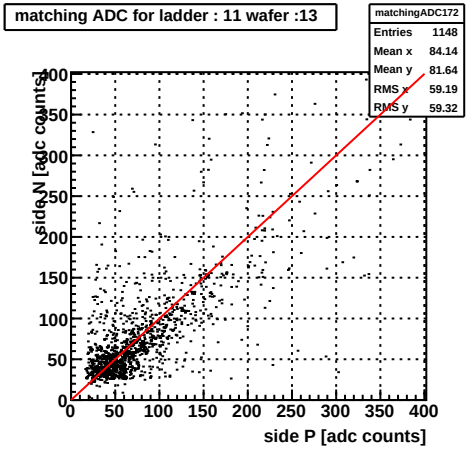

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 771
Mean x 68.92
Mean y 64.73
RMS x 52.84
RMS y 52.39
side N [adc counts]
side P [adc counts]

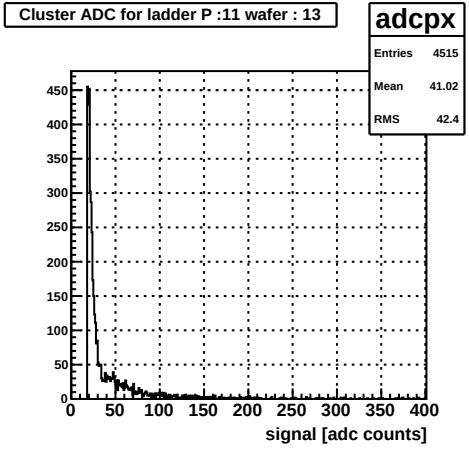

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 6160
Mean 48.09
RMS 42.22
signal [adc counts]

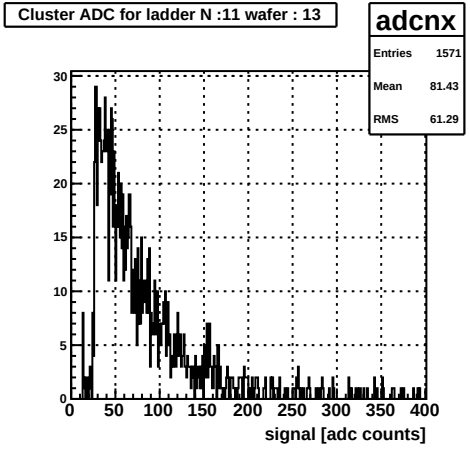

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 13957
Mean 96.65
RMS 80.65
signal [adc counts]

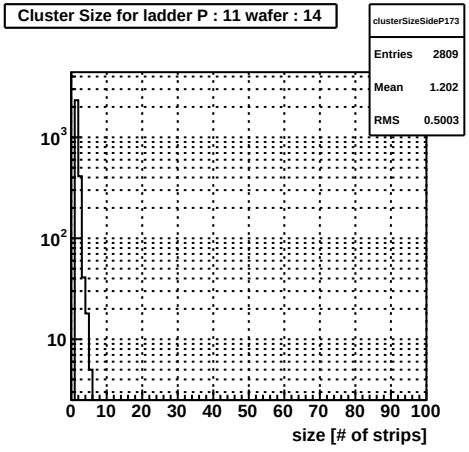

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 4515
Mean 1.164
RMS 0.4842
size [# of strips]

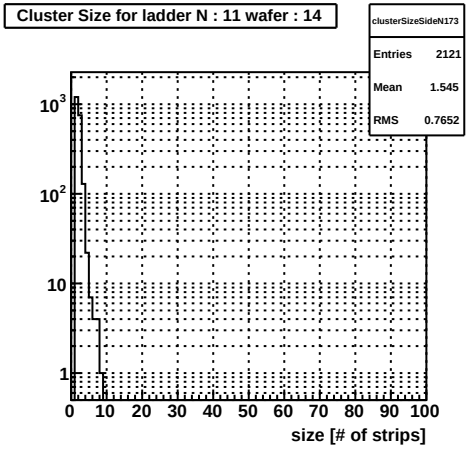

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 1571
Mean 1.397
RMS 0.7225
size [# of strips]

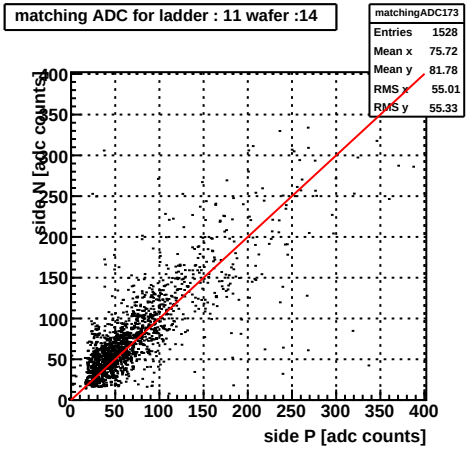

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 1148
Mean x 84.14
Mean y 81.64
RMS x 59.19
RMS y 59.32
side N [adc counts]
side P [adc counts]

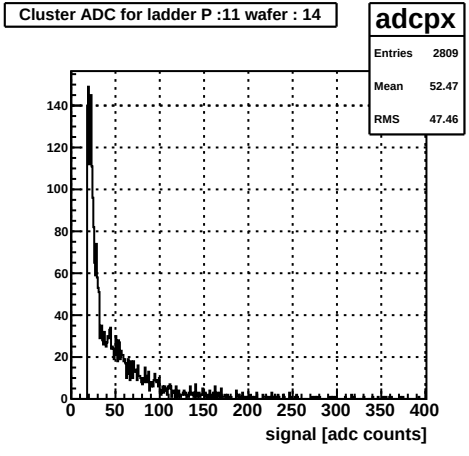

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 4515
Mean 41.02
RMS 42.4
signal [adc counts]

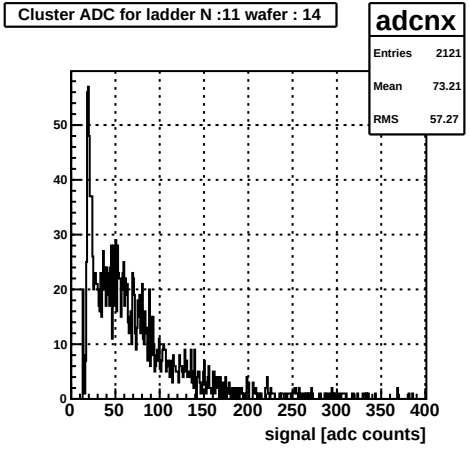

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 1571
Mean 81.43
RMS 61.29
signal [adc counts]

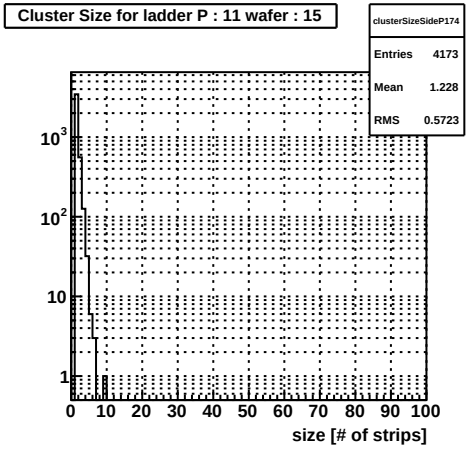

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 2809
Mean 1.202
RMS 0.5003
size [# of strips]

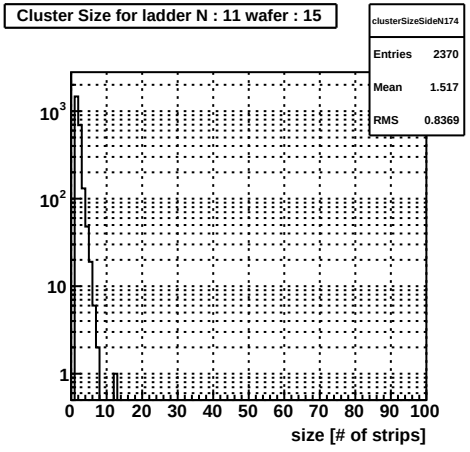

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 2121
Mean 1.545
RMS 0.7652
size [# of strips]

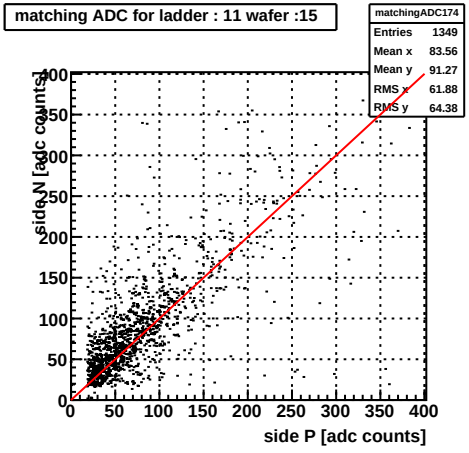

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 1528
Mean x 75.72
Mean y 81.78
RMS x 55.01
RMS y 55.33
side N [adc counts]
side P [adc counts]

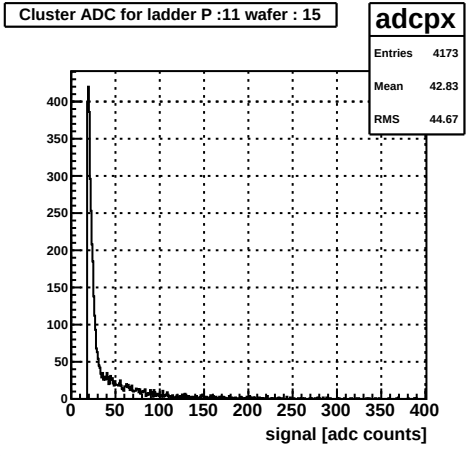

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 2809
Mean 52.47
RMS 47.46
signal [adc counts]

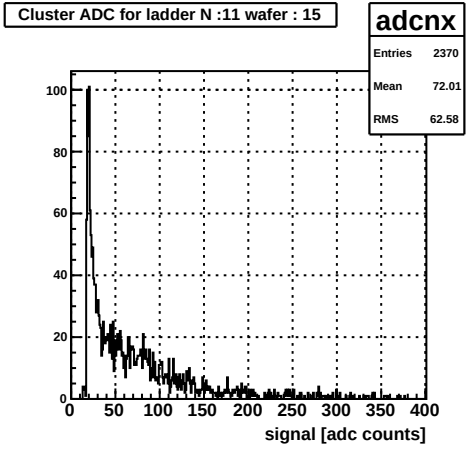

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 2121
Mean 73.21
RMS 57.27
signal [adc counts]

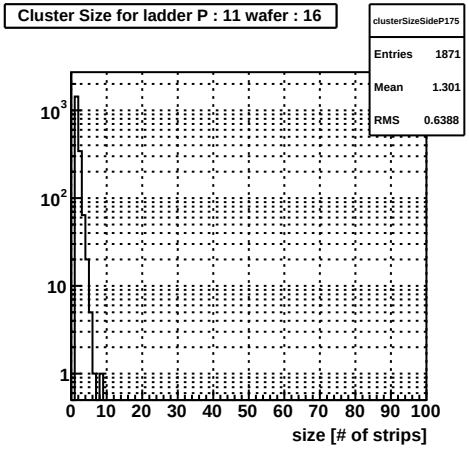

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 4173
Mean 1.228
RMS 0.5723
size [# of strips]

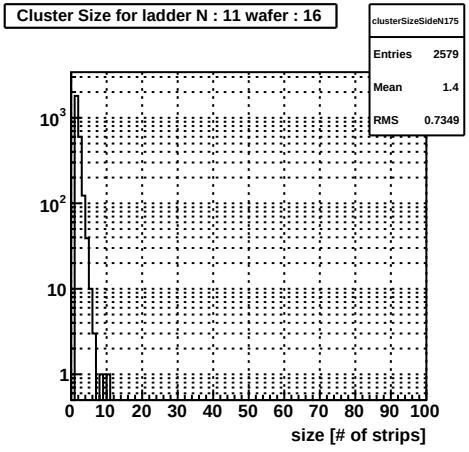

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 2370
Mean 1.517
RMS 0.8369
size [# of strips]

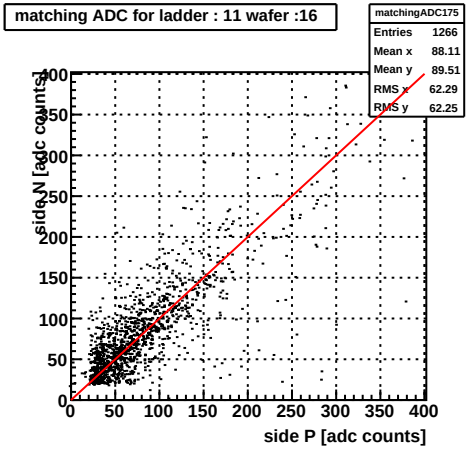

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 1349
Mean x 83.56
Mean y 91.27
RMS x 61.88
RMS y 64.38
side N [adc counts]
side P [adc counts]

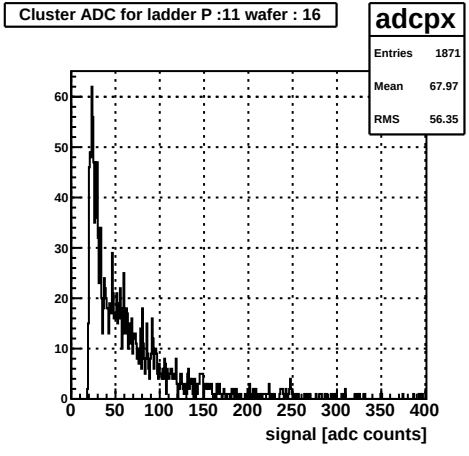

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 4173
Mean 42.83
RMS 44.67
signal [adc counts]

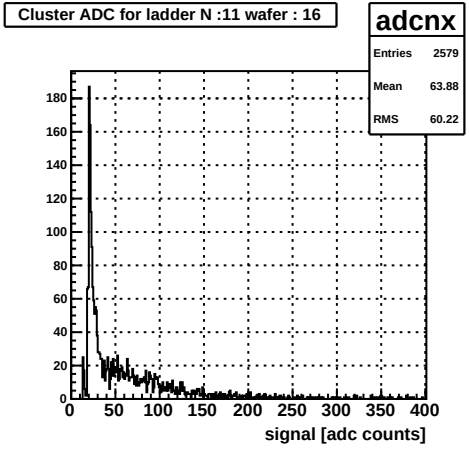

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 2370
Mean 72.01
RMS 62.58
signal [adc counts]

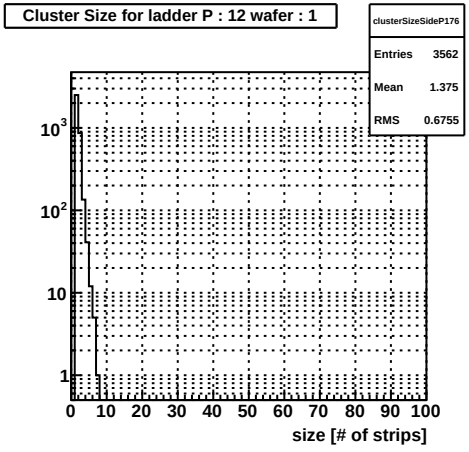

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 1871
Mean 1.301
RMS 0.6388
size [# of strips]

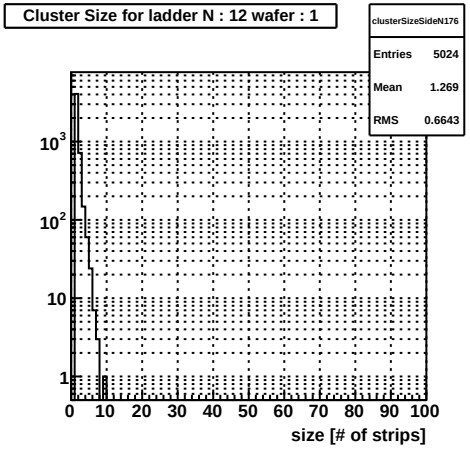

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 2579
Mean 1.4
RMS 0.7349
size [# of strips]

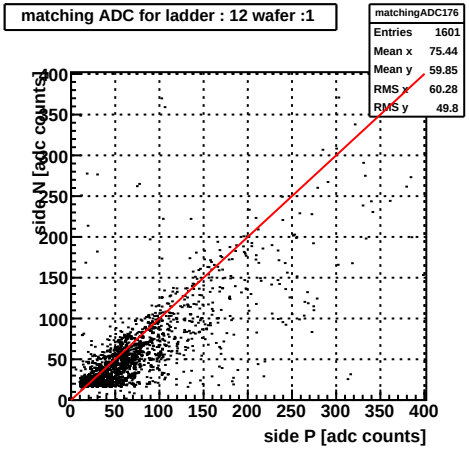

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 1266
Mean x 88.11
Mean y 89.51
RMS x 62.29
RMS y 62.25
side N [adc counts]
side P [adc counts]

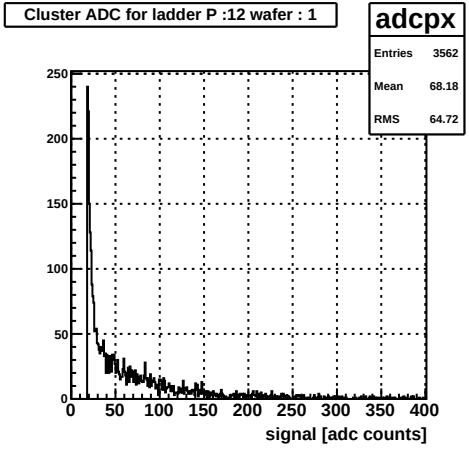

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 1871
Mean 67.97
RMS 56.35
signal [adc counts]

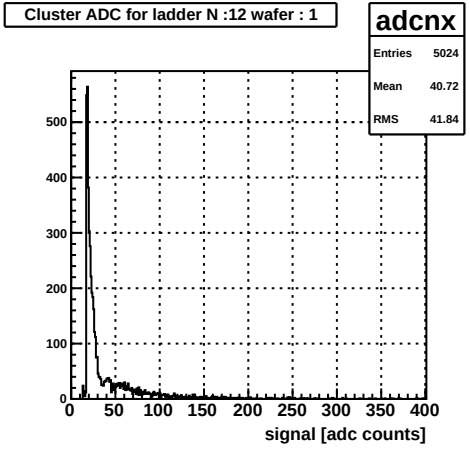

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 2579
Mean 63.88
RMS 60.22
signal [adc counts]

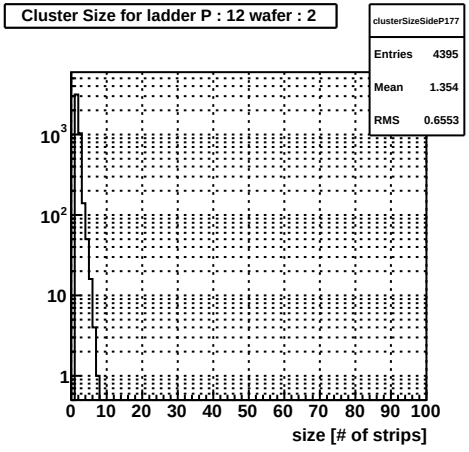

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 3562
Mean 1.375
RMS 0.6755
size [# of strips]

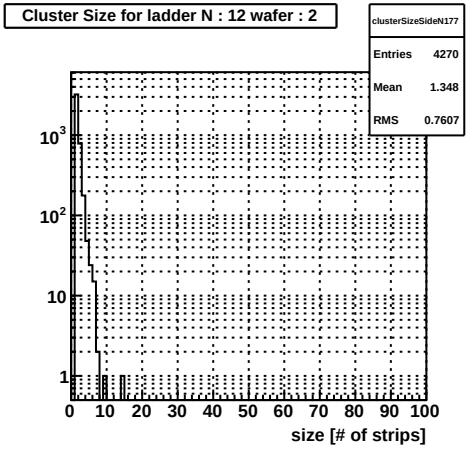

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 5024
Mean 1.269
RMS 0.6643
size [# of strips]

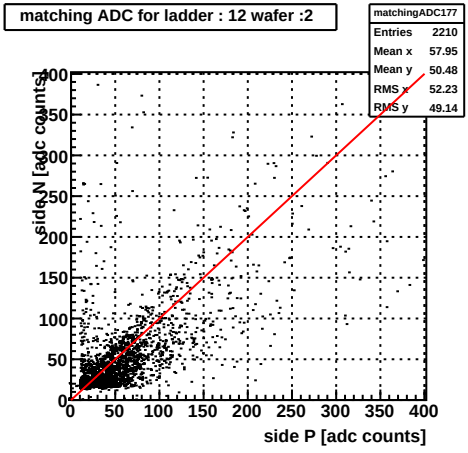

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 1601
Mean x 75.44
Mean y 59.85
RMS x 60.28
RMS y 49.8
side N [adc counts]
side P [adc counts]

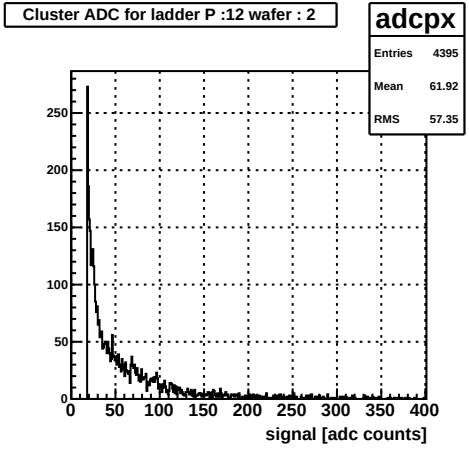

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 3562
Mean 68.18
RMS 64.72
signal [adc counts]

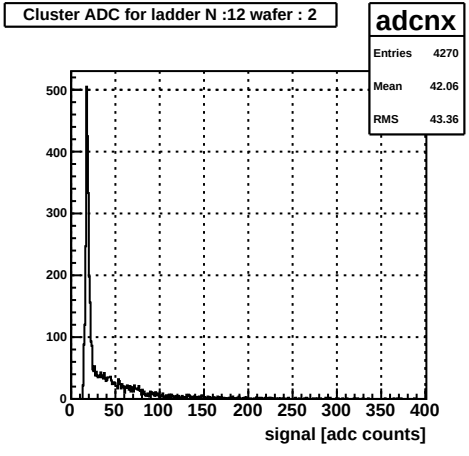

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 5024
Mean 40.72
RMS 41.84
signal [adc counts]

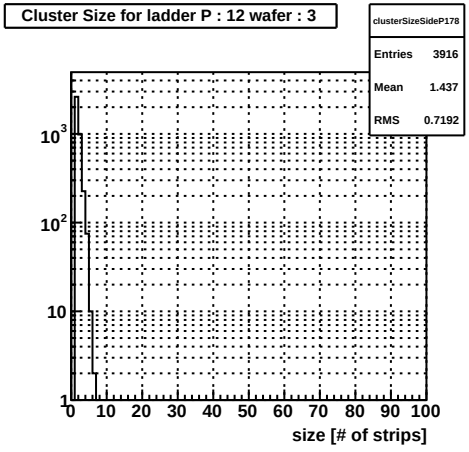

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 4395
Mean 1.354
RMS 0.6553
size [# of strips]

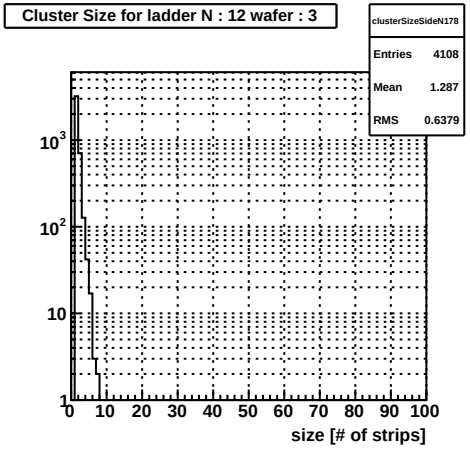

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 4270
Mean 1.348
RMS 0.7607
size [# of strips]

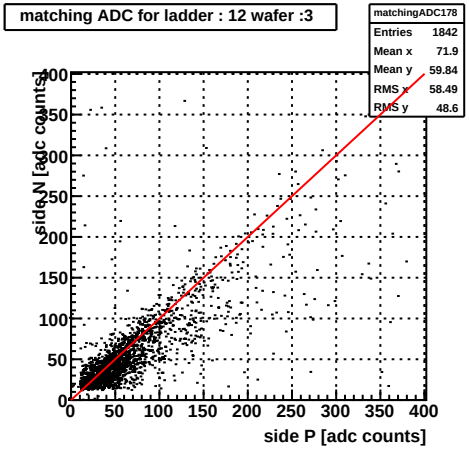

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 2210
Mean x 57.95
Mean y 50.48
RMS x 52.23
RMS y 49.14
side N [adc counts]
side P [adc counts]

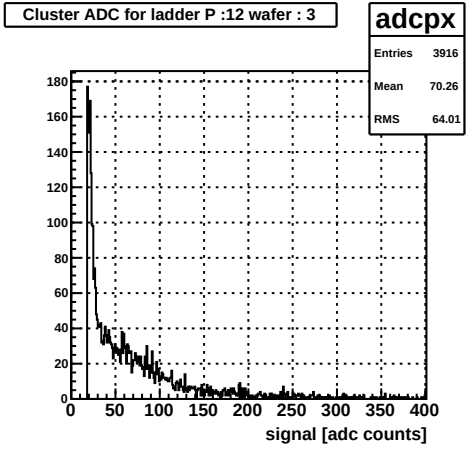

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 4395
Mean 61.92
RMS 57.35
signal [adc counts]

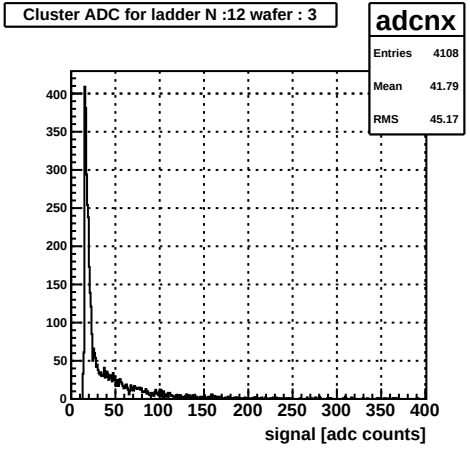

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 4270
Mean 42.06
RMS 43.36
signal [adc counts]

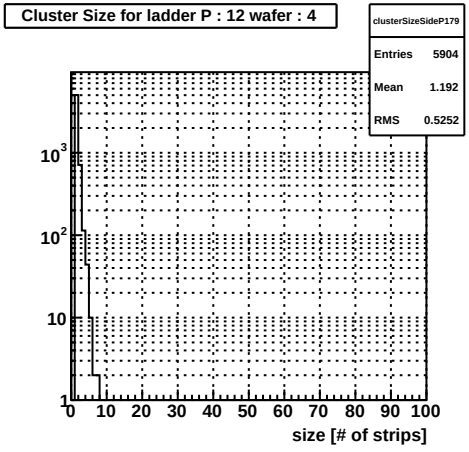

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 3916
Mean 1.437
RMS 0.7192
size [# of strips]

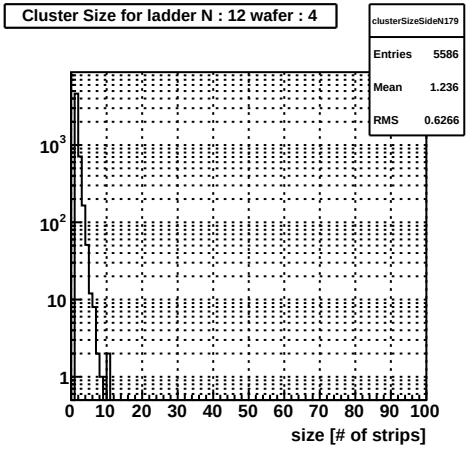

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 4108
Mean 1.287
RMS 0.6379
size [# of strips]

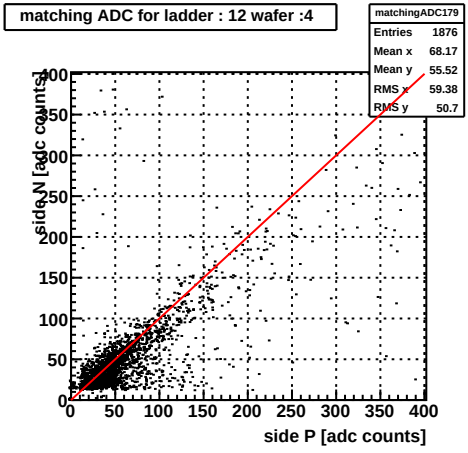

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 1842
Mean x 71.9
Mean y 59.84
RMS x 58.49
RMS y 48.6
side N [adc counts]
side P [adc counts]

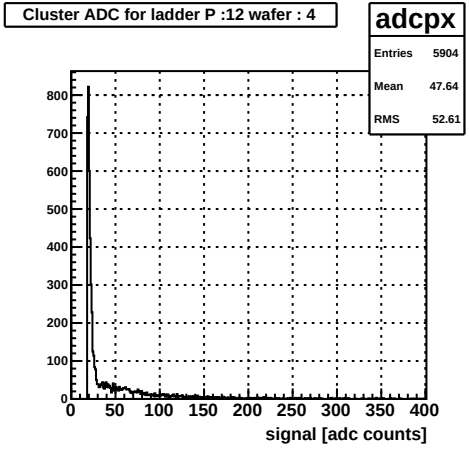

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 3916
Mean 70.26
RMS 64.01
signal [adc counts]

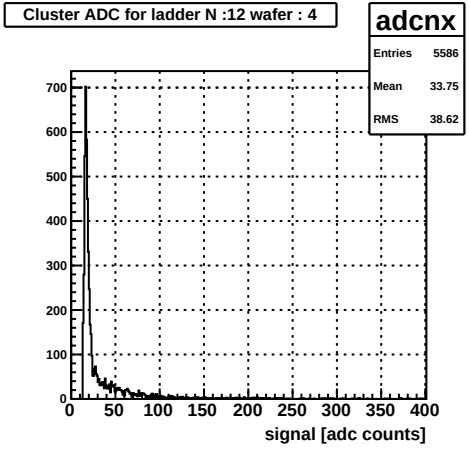

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 4108
Mean 41.79
RMS 45.17
signal [adc counts]

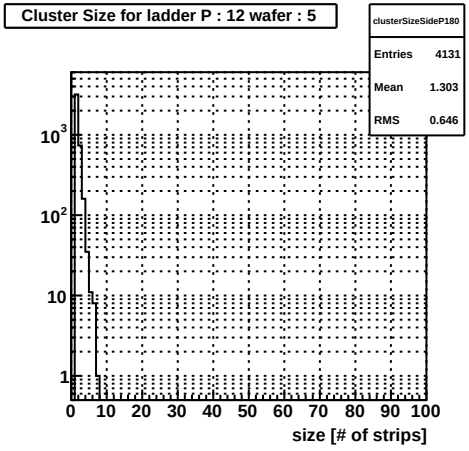

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 5904
Mean 1.192
RMS 0.5252
size [# of strips]

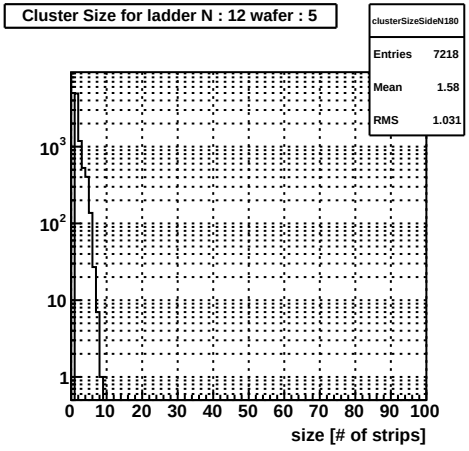

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 5586
Mean 1.236
RMS 0.6266
size [# of strips]

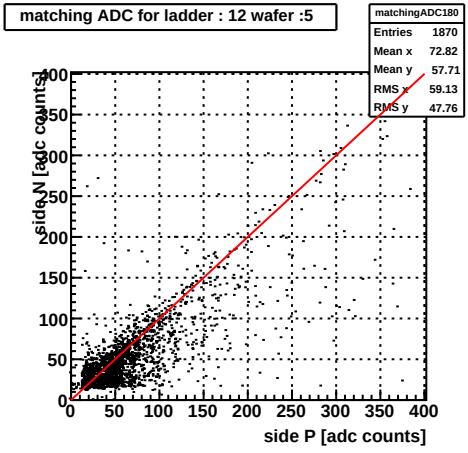

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 1876
Mean x 68.17
Mean y 55.52
RMS x 59.38
RMS y 50.7
side N [adc counts]
side P [adc counts]

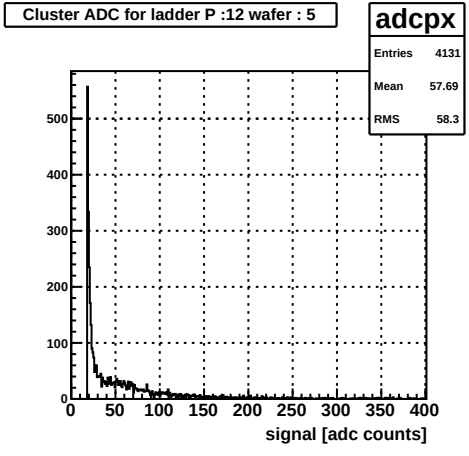

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 5904
Mean 47.64
RMS 52.61
signal [adc counts]

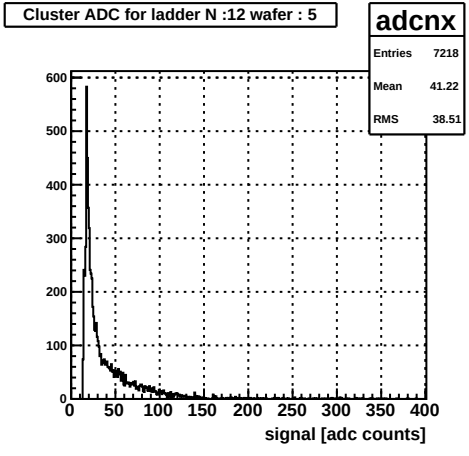

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 5586
Mean 33.75
RMS 38.62
signal [adc counts]

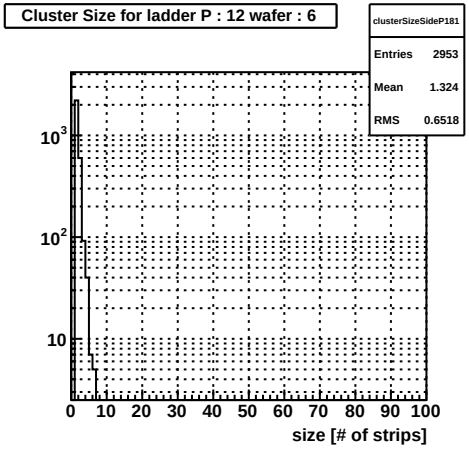

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 4131
Mean 1.303
RMS 0.646
size [# of strips]

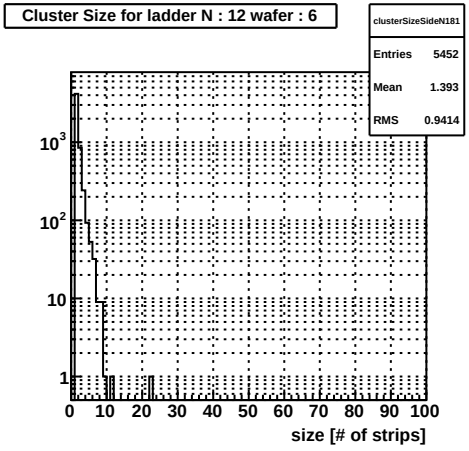

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 7218
Mean 1.58
RMS 1.031
size [# of strips]

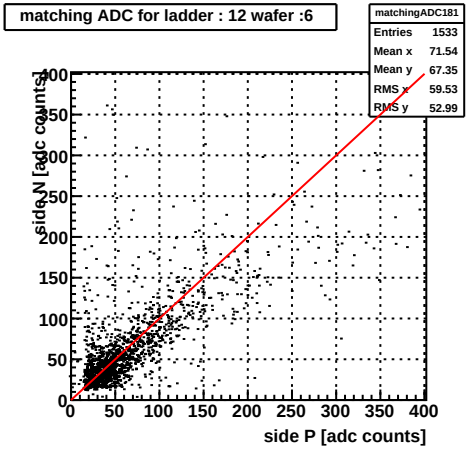

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 1870
Mean x 72.82
Mean y 57.71
RMS x 59.13
RMS y 47.76
side N [adc counts]
side P [adc counts]

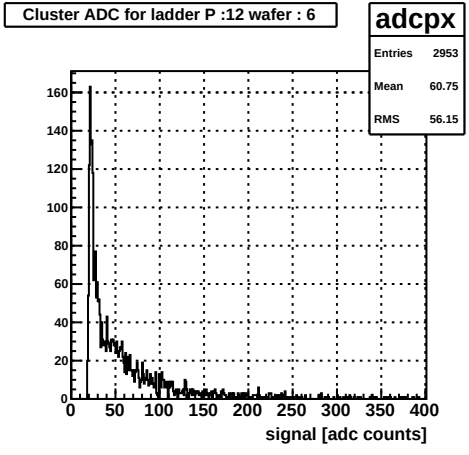

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 4131
Mean 57.69
RMS 58.3
signal [adc counts]

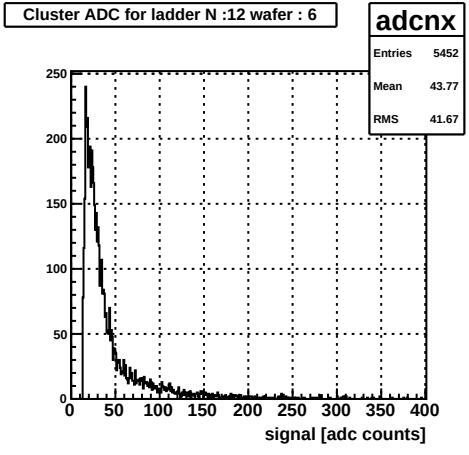

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 7218
Mean 41.22
RMS 38.51
signal [adc counts]

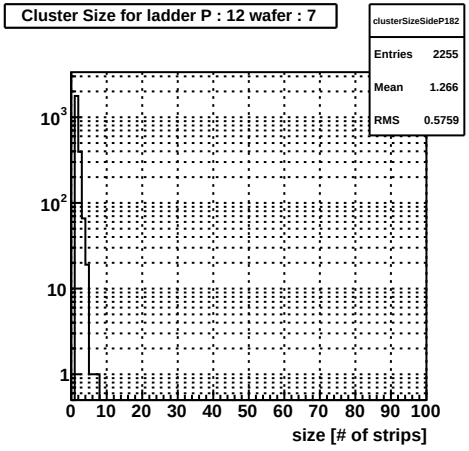

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 2953
Mean 1.324
RMS 0.6518
size [# of strips]

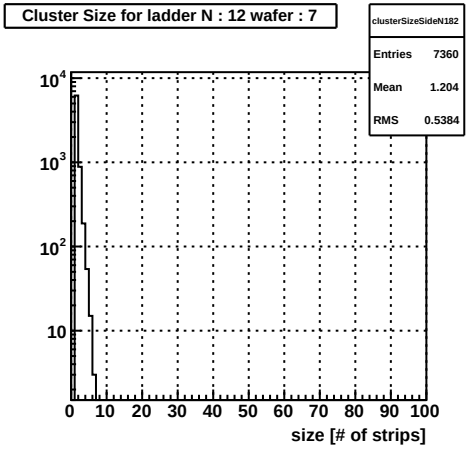

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 5452
Mean 1.393
RMS 0.9414
size [# of strips]

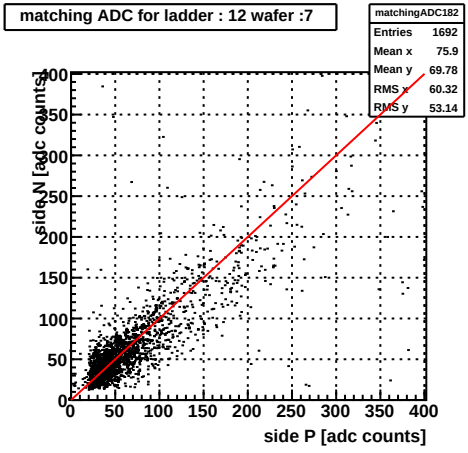

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 1533
Mean x 71.54
Mean y 67.35
RMS x 59.53
RMS y 52.99
side N [adc counts]
side P [adc counts]

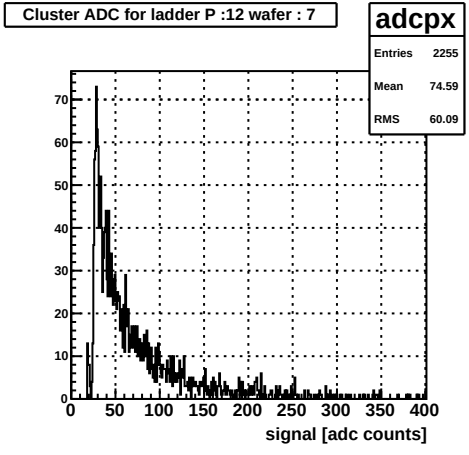

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 2953
Mean 60.75
RMS 56.15
signal [adc counts]

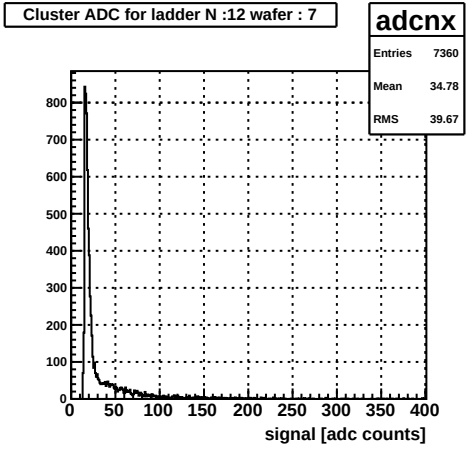

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 5452
Mean 43.77
RMS 41.67
signal [adc counts]

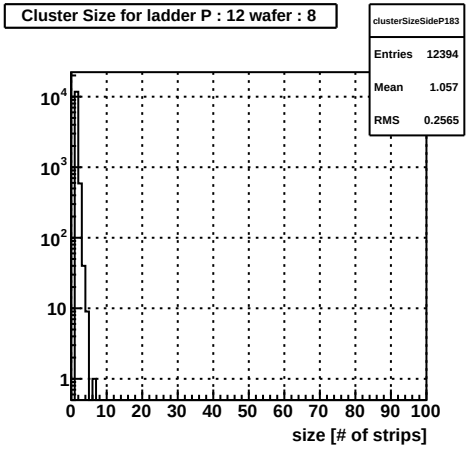

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 2255
Mean 1.266
RMS 0.5759
size [# of strips]

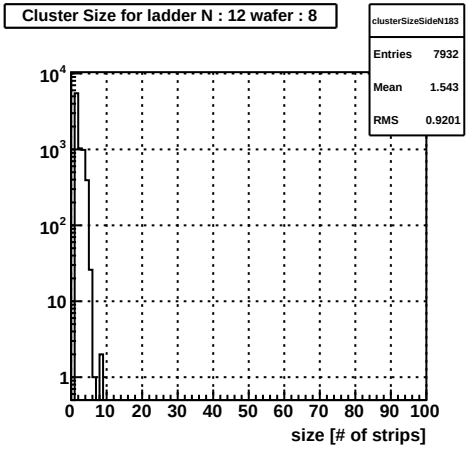

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 7360
Mean 1.204
RMS 0.5384
size [# of strips]

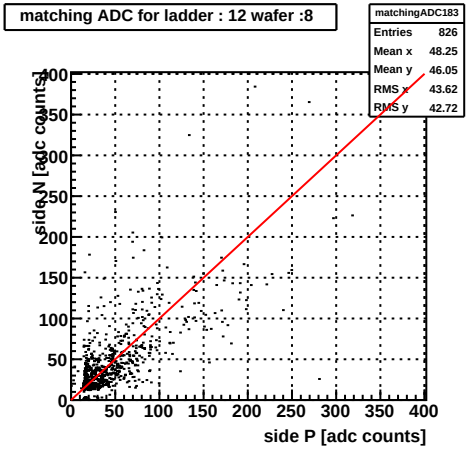

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 1692
Mean x 75.9
Mean y 69.78
RMS x 60.32
RMS y 53.14
side N [adc counts]
side P [adc counts]

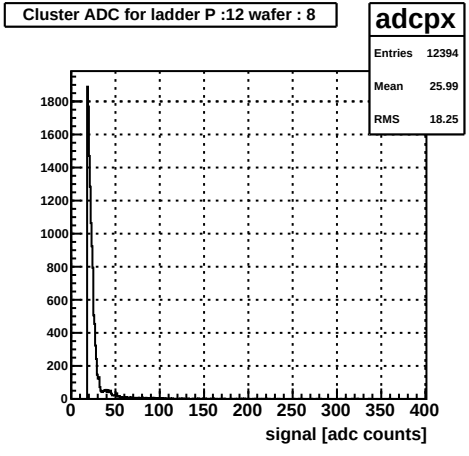

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 2255
Mean 74.59
RMS 60.09
signal [adc counts]

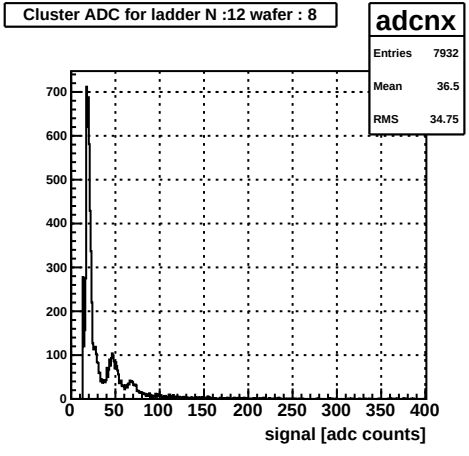

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 7360
Mean 34.78
RMS 39.67
signal [adc counts]

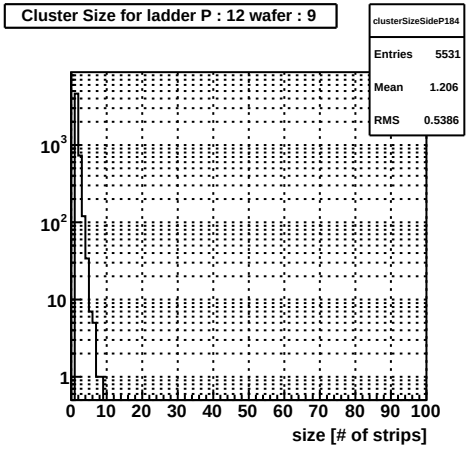

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 12394
Mean 1.057
RMS 0.2565
size [# of strips]

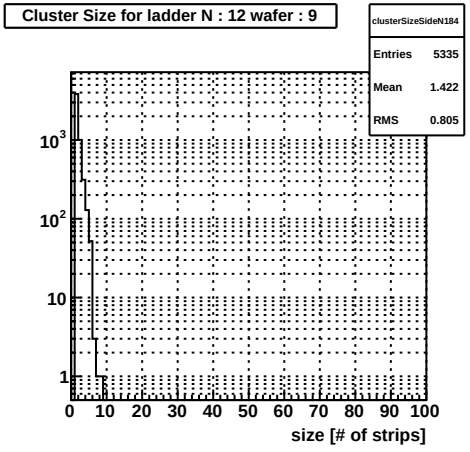

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 7932
Mean 1.543
RMS 0.9201
size [# of strips]

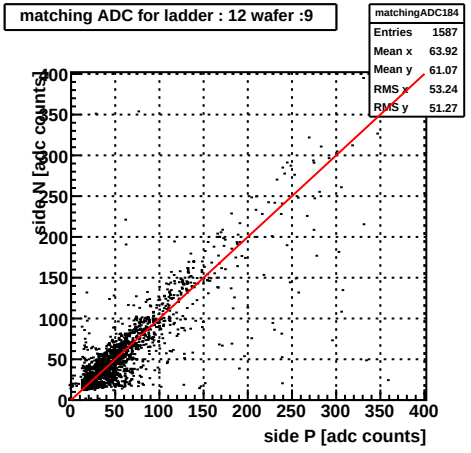

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 826
Mean x 48.25
Mean y 46.05
RMS x 43.62
RMS y 42.72
side N [adc counts]
side P [adc counts]

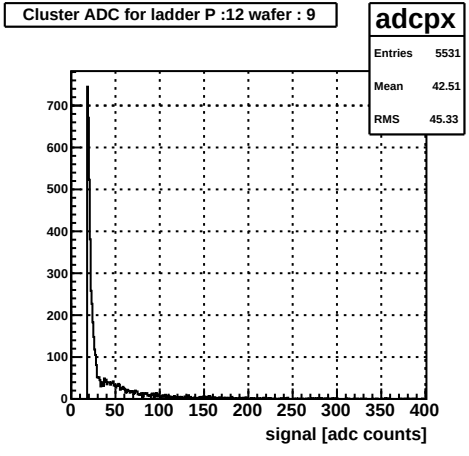

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 12394
Mean 25.99
RMS 18.25
signal [adc counts]

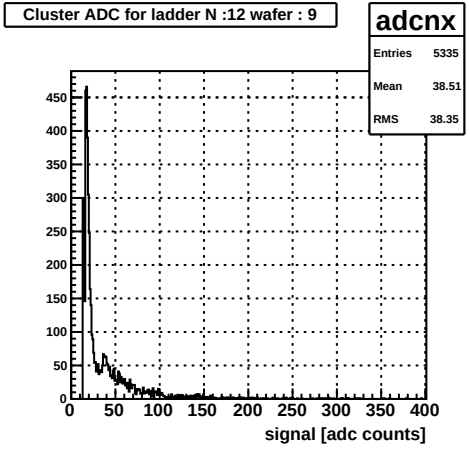

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 7932
Mean 36.5
RMS 34.75
signal [adc counts]

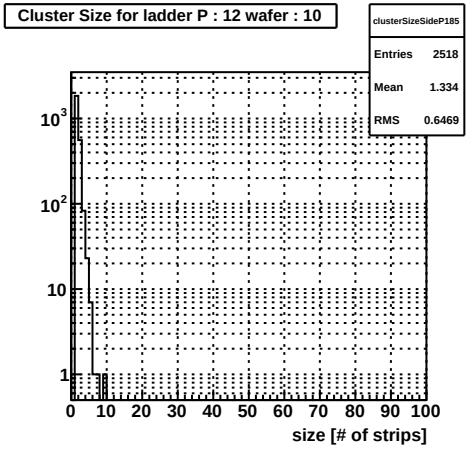

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 5531
Mean 1.206
RMS 0.5386
size [# of strips]

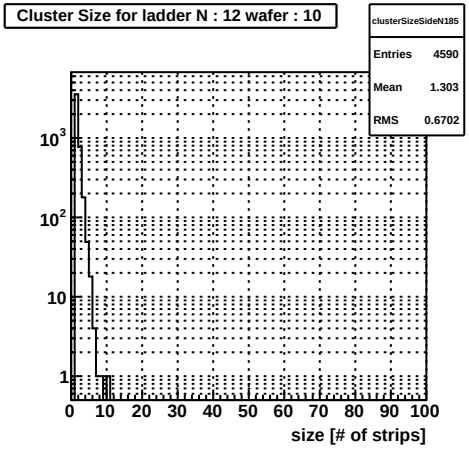

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 5335
Mean 1.422
RMS 0.805
size [# of strips]

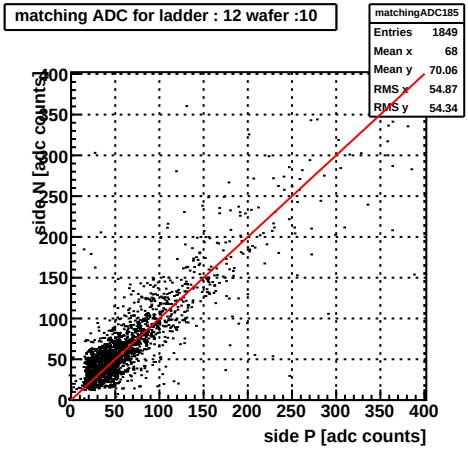

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 1587
Mean x 63.92
Mean y 61.07
RMS x 53.24
RMS y 51.27
side N [adc counts]
side P [adc counts]

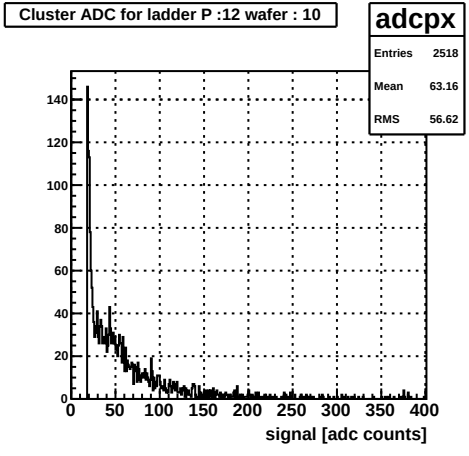

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 5531
Mean 42.51
RMS 45.33
signal [adc counts]

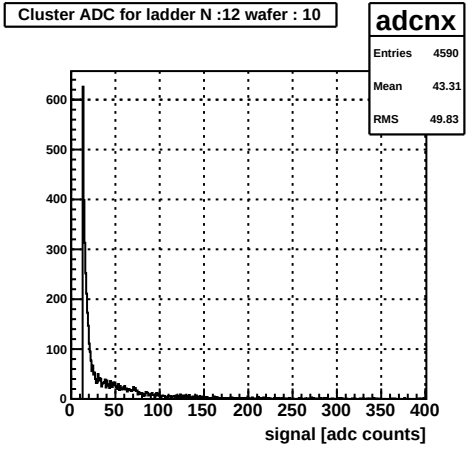

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 5335
Mean 38.51
RMS 38.35
signal [adc counts]

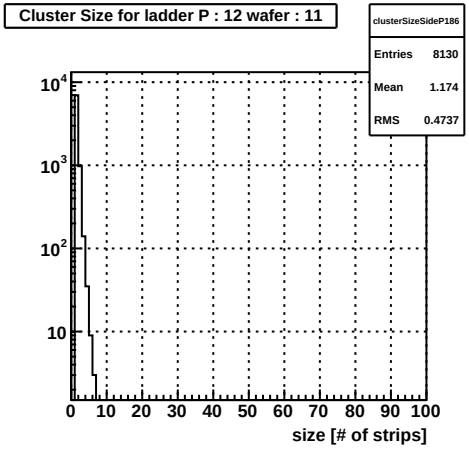

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 2518
Mean 1.334
RMS 0.6469
size [# of strips]

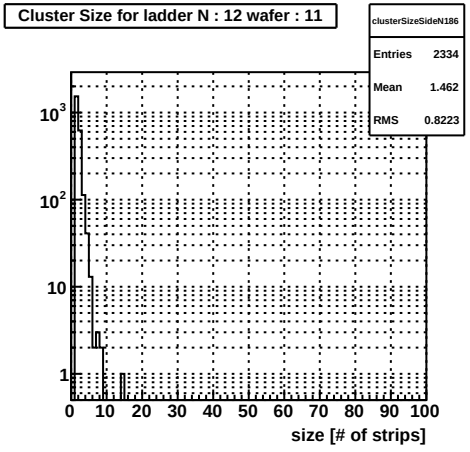

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 4590
Mean 1.303
RMS 0.6702
size [# of strips]

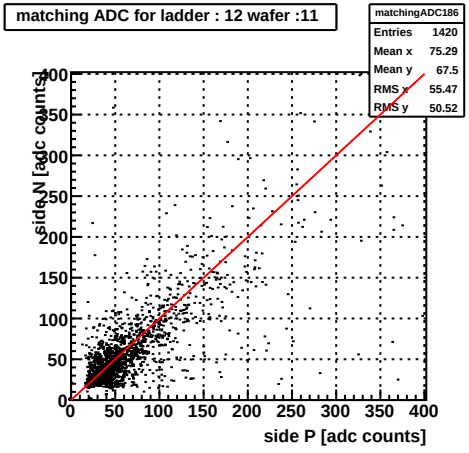

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 1849
Mean x 68
Mean y 70.06
RMS x 54.87
RMS y 54.34
side N [adc counts]
side P [adc counts]

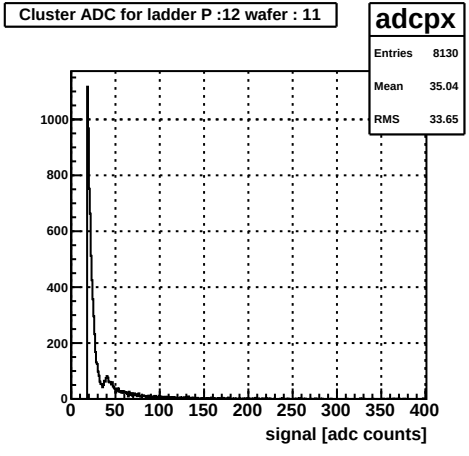

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 2518
Mean 63.16
RMS 56.62
signal [adc counts]

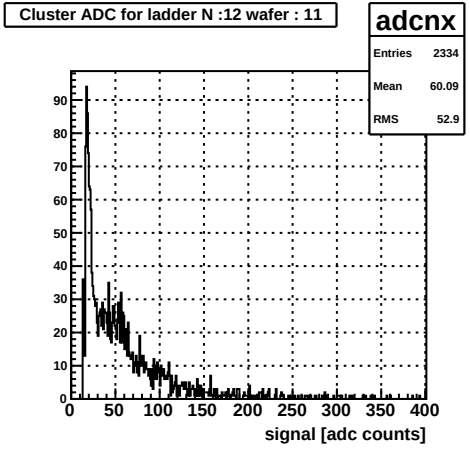

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 4590
Mean 43.31
RMS 49.83
signal [adc counts]

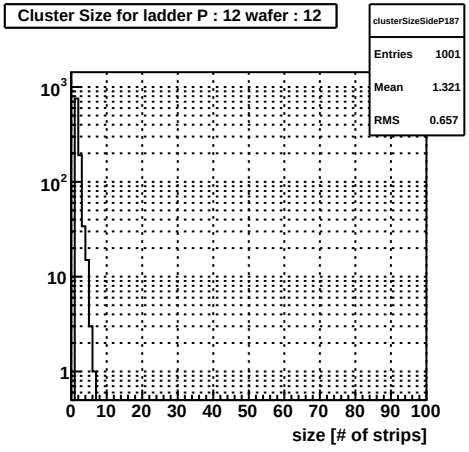

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 8130
Mean 1.174
RMS 0.4737
size [# of strips]

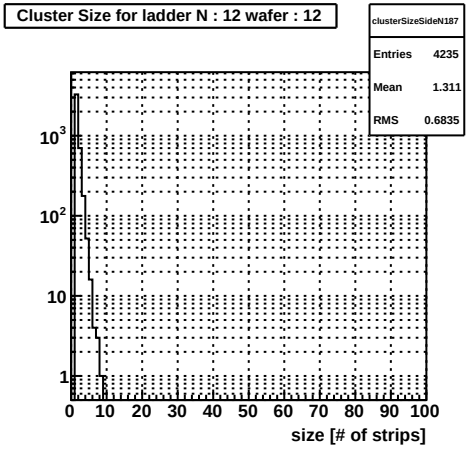

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 2334
Mean 1.462
RMS 0.8223
size [# of strips]

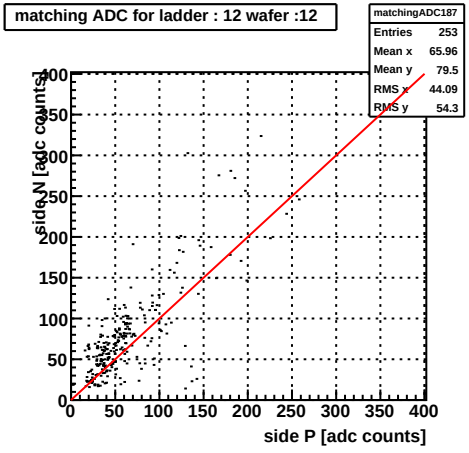

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 1420
Mean x 75.29
Mean y 67.5
RMS x 55.47
RMS y 50.52
side N [adc counts]
side P [adc counts]

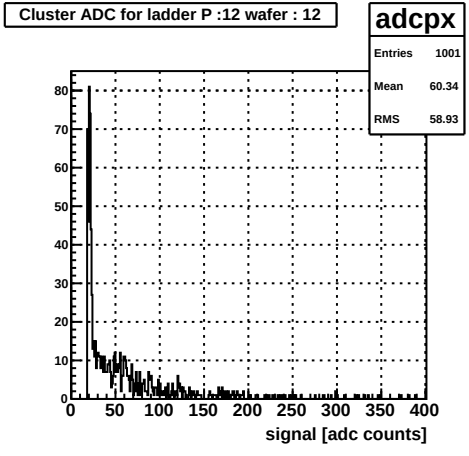

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 8130
Mean 35.04
RMS 33.65
signal [adc counts]

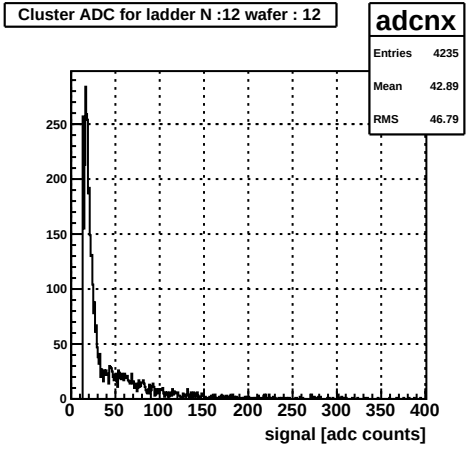

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 2334
Mean 60.09
RMS 52.9
signal [adc counts]

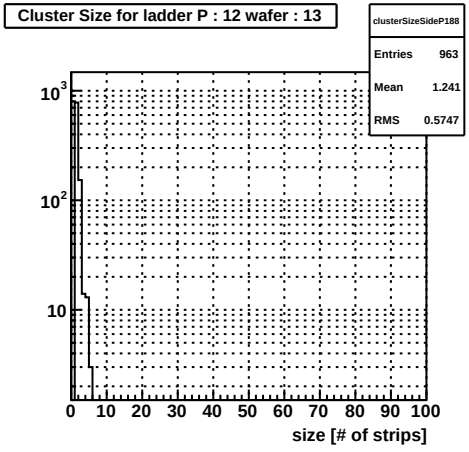

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 1001
Mean 1.321
RMS 0.657
size [# of strips]

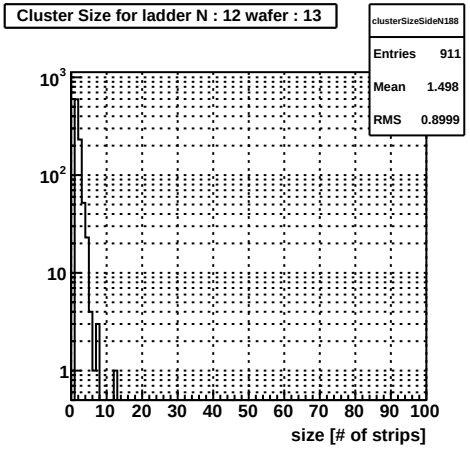

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 4235
Mean 1.311
RMS 0.6835
size [# of strips]

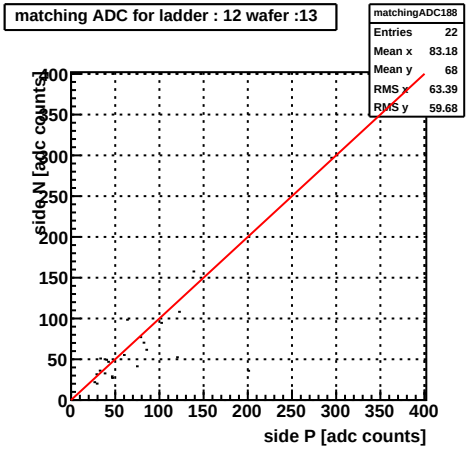

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 253
Mean x 65.96
Mean y 79.5
RMS x 44.09
RMS y 54.3
side N [adc counts]
side P [adc counts]

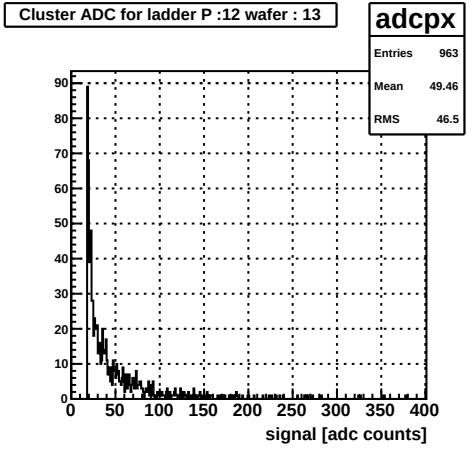

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 1001
Mean 60.34
RMS 58.93
signal [adc counts]

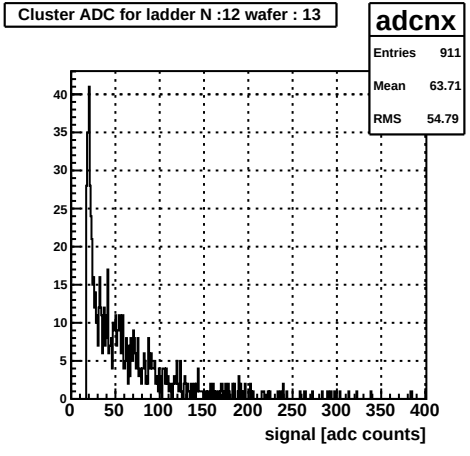

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 4235
Mean 42.89
RMS 46.79
signal [adc counts]

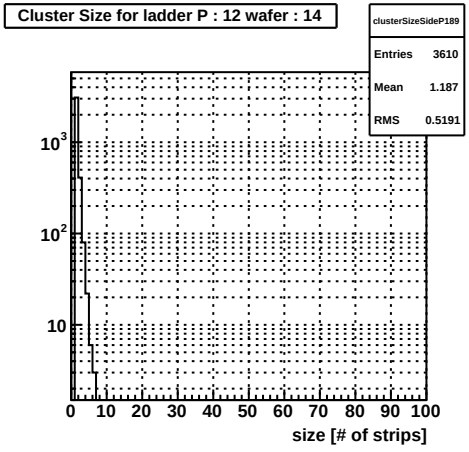

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 963
Mean 1.241
RMS 0.5747
size [# of strips]

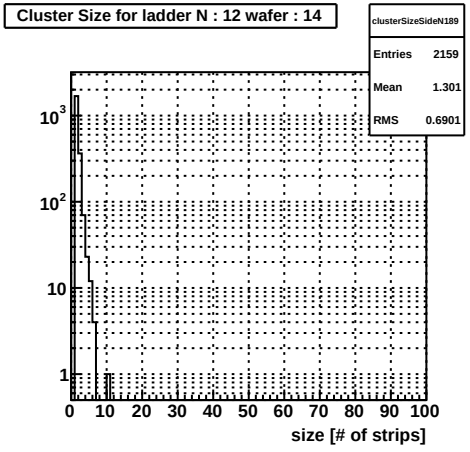

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 911
Mean 1.498
RMS 0.8999
size [# of strips]

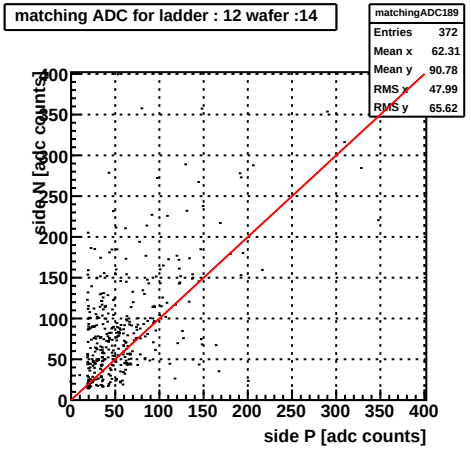

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 22
Mean x 83.18
Mean y 68
RMS x 63.39
RMS y 59.68
side N [adc counts]
side P [adc counts]

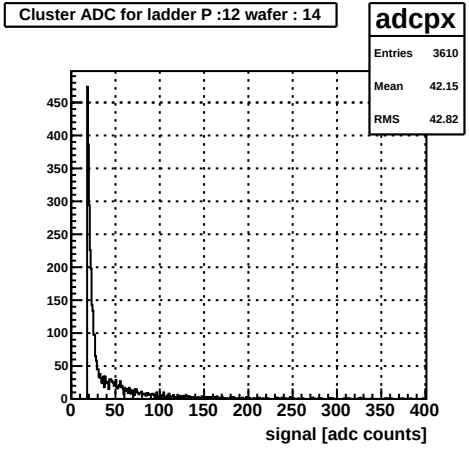

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 963
Mean 49.46
RMS 46.5
signal [adc counts]

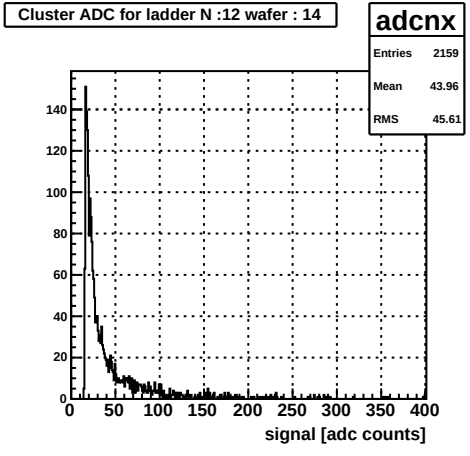

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 911
Mean 63.71
RMS 54.79
signal [adc counts]

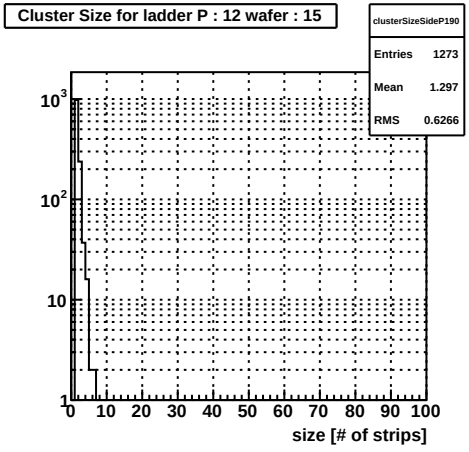

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 3610
Mean 1.187
RMS 0.5191
size [# of strips]

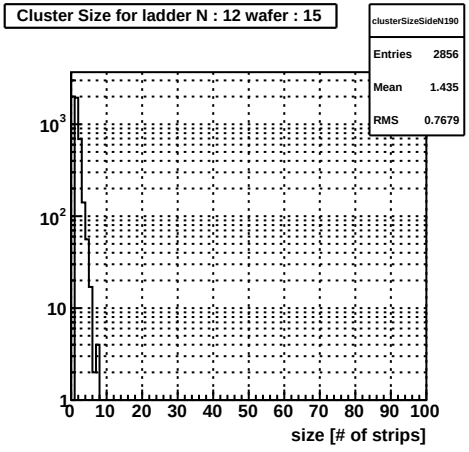

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2159
Mean 1.301
RMS 0.6901
size [# of strips]

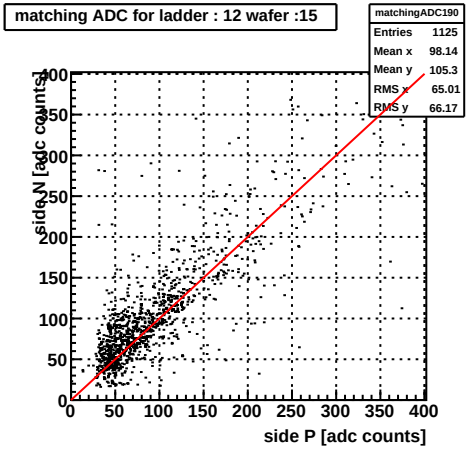

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 372
Mean x 62.31
Mean y 90.78
RMS x 47.99
RMS y 65.62
side N [adc counts]
side P [adc counts]

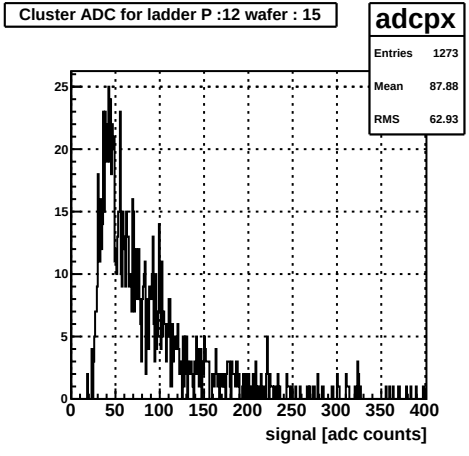

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 3610
Mean 42.15
RMS 42.82
signal [adc counts]

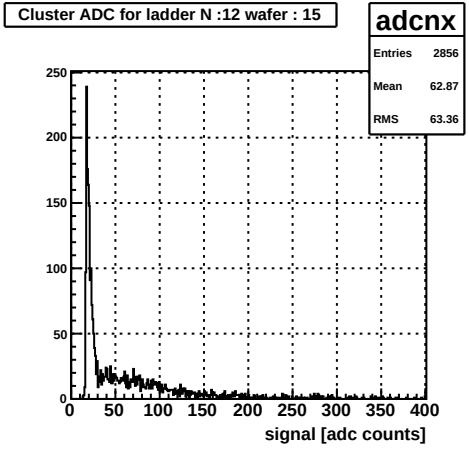

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2159
Mean 43.96
RMS 45.61
signal [adc counts]

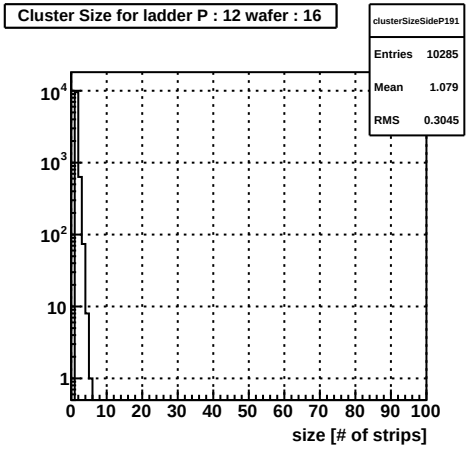

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 1273
Mean 1.297
RMS 0.6266
size [# of strips]

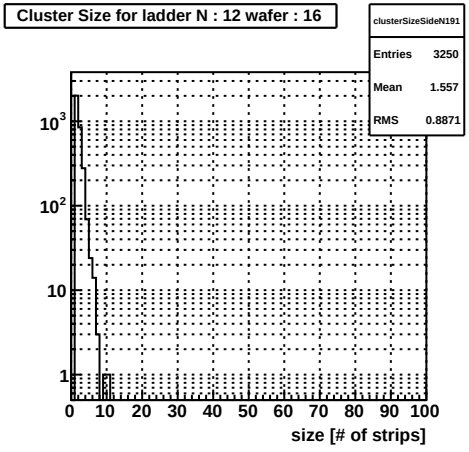

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2856
Mean 1.435
RMS 0.7679
size [# of strips]

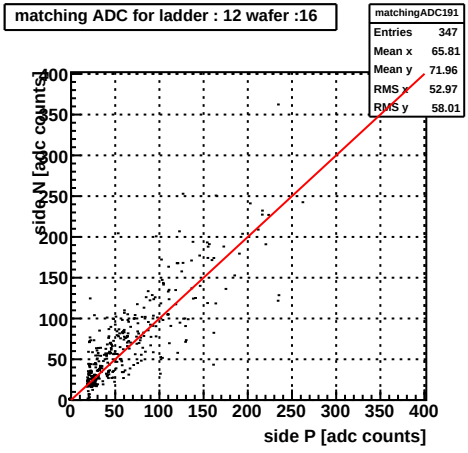

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 1125
Mean x 98.14
Mean y 105.3
RMS x 65.01
RMS y 66.17
side N [adc counts]
side P [adc counts]

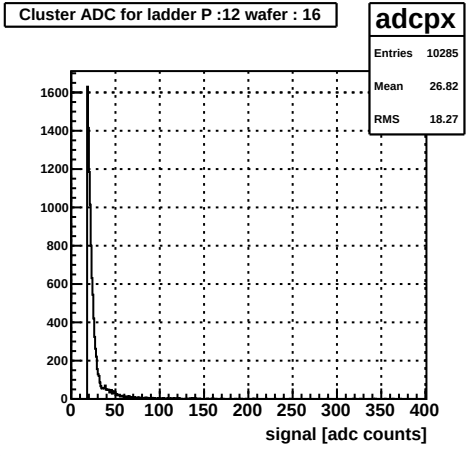

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 1273
Mean 87.88
RMS 62.93
signal [adc counts]

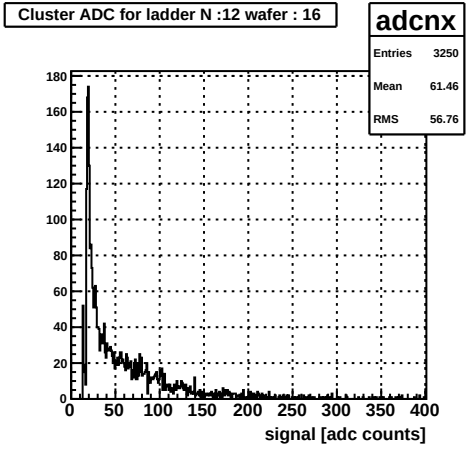

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2856
Mean 62.87
RMS 63.36
signal [adc counts]

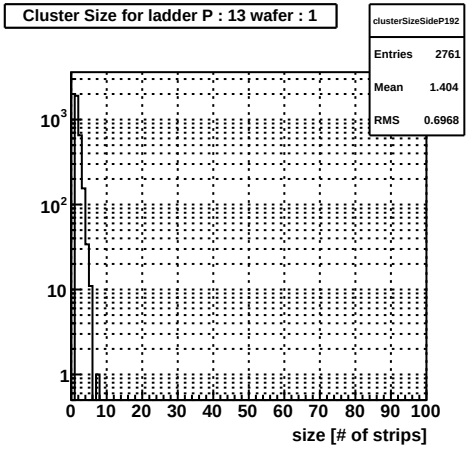

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 10285
Mean 1.079
RMS 0.3045
size [# of strips]

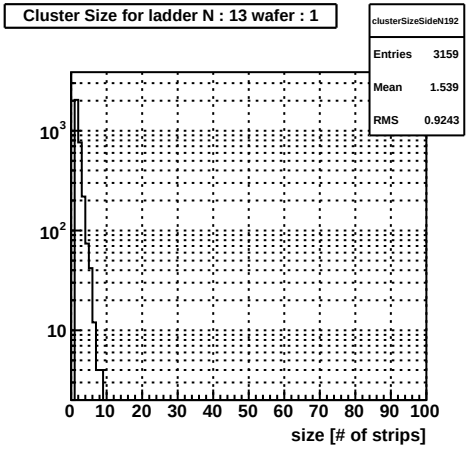

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 3250
Mean 1.557
RMS 0.8871
size [# of strips]

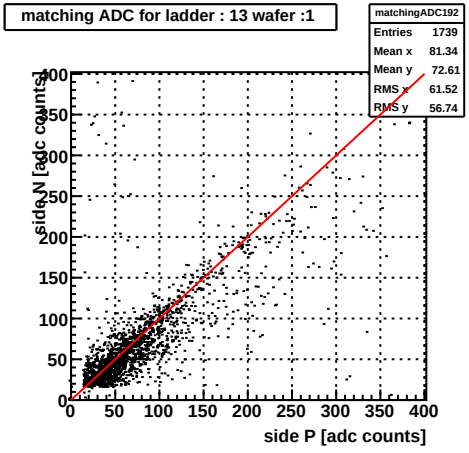

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 347
Mean x 65.81
Mean y 71.96
RMS x 52.97
RMS y 58.01
side N [adc counts]
side P [adc counts]

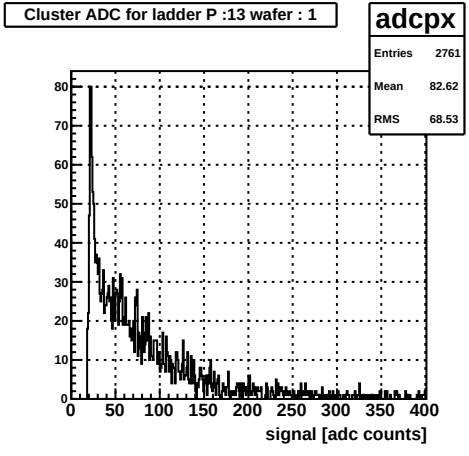

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 10285
Mean 26.82
RMS 18.27
signal [adc counts]

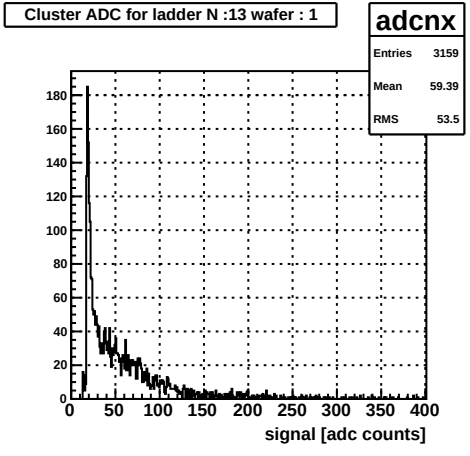

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 3250
Mean 61.46
RMS 56.76
signal [adc counts]

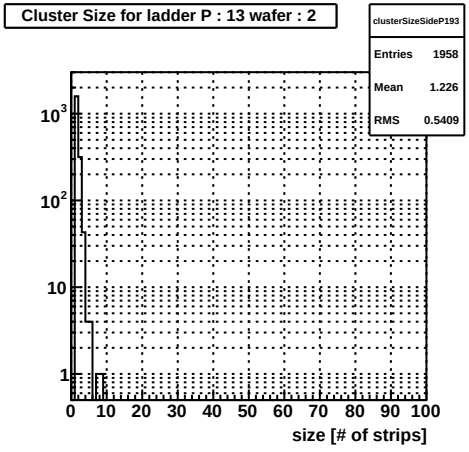

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 2761
Mean 1.404
RMS 0.6968
size [# of strips]

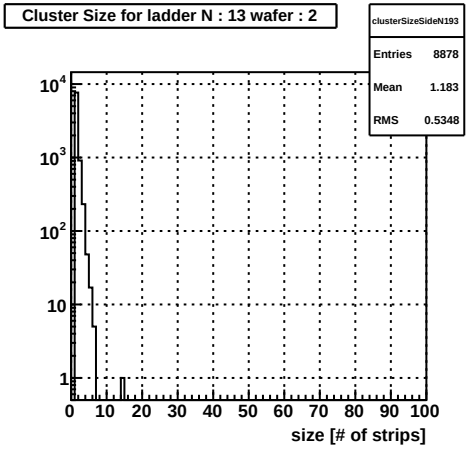

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3159
Mean 1.539
RMS 0.9243
size [# of strips]

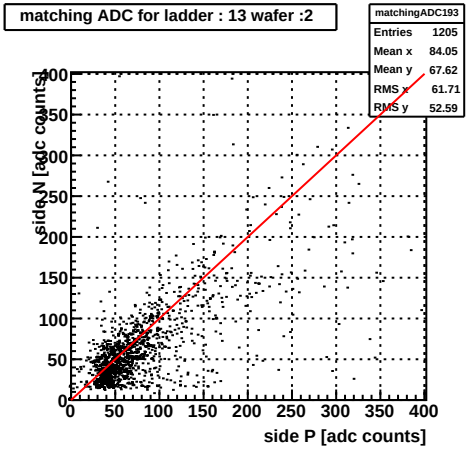

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 1739
Mean x 81.34
Mean y 72.61
RMS x 61.52
RMS y 56.74
side N [adc counts]
side P [adc counts]

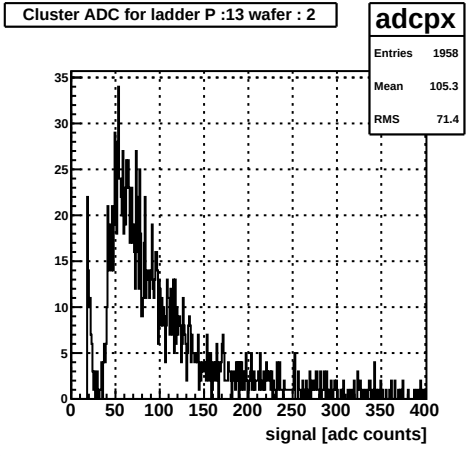

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 2761
Mean 82.62
RMS 68.53
signal [adc counts]

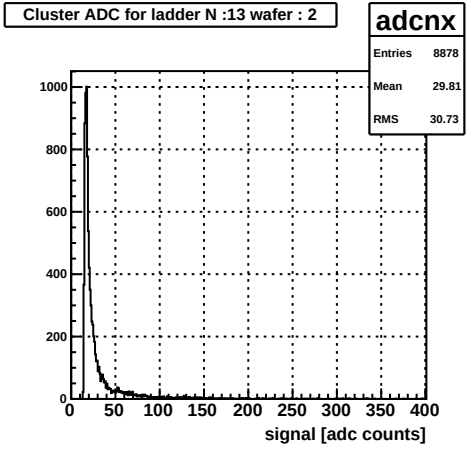

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3159
Mean 59.39
RMS 53.5
signal [adc counts]

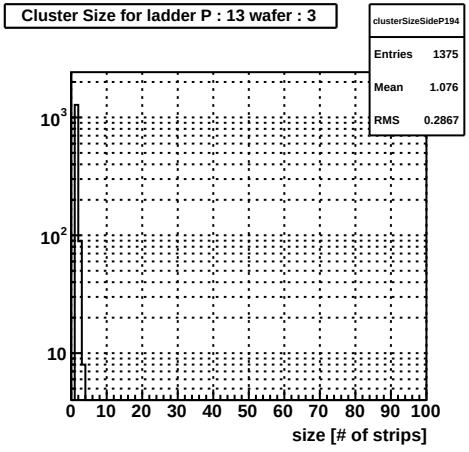

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 1958
Mean 1.226
RMS 0.5409
size [# of strips]

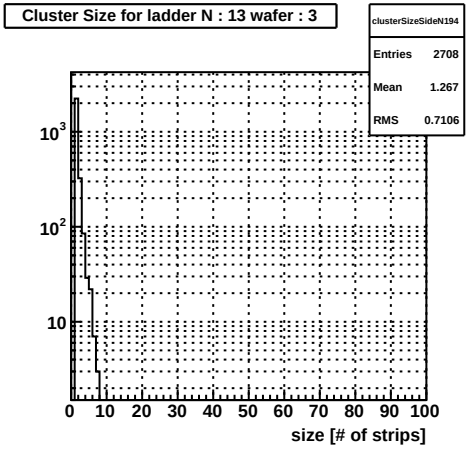

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 8878
Mean 1.183
RMS 0.5348
size [# of strips]

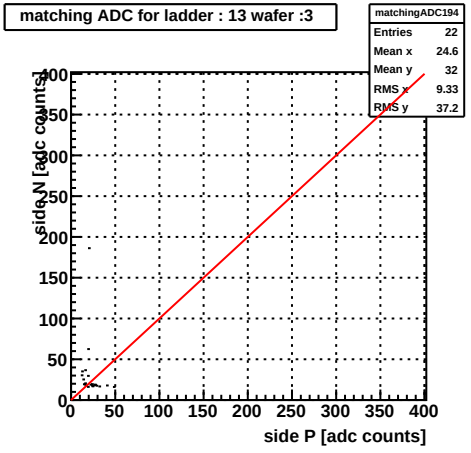

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 1205
Mean x 84.05
Mean y 67.62
RMS x 61.71
RMS y 52.59
side N [adc counts]
side P [adc counts]

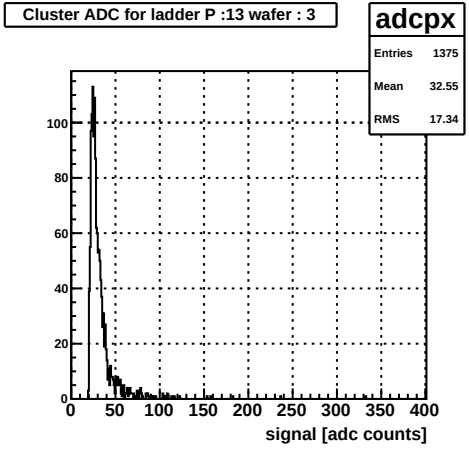

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 1958
Mean 105.3
RMS 71.4
signal [adc counts]

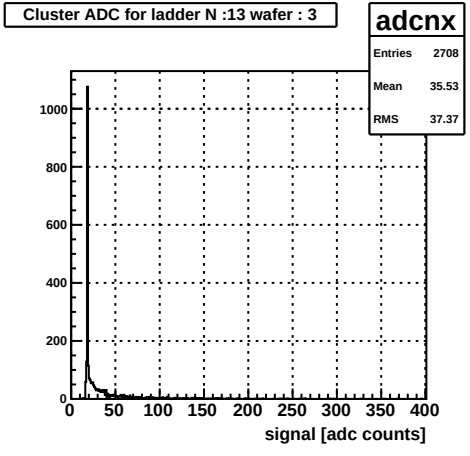

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 8878
Mean 29.81
RMS 30.73
signal [adc counts]

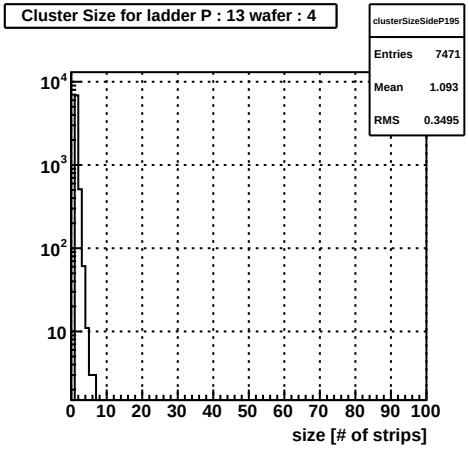

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 1375
Mean 1.076
RMS 0.2867
size [# of strips]

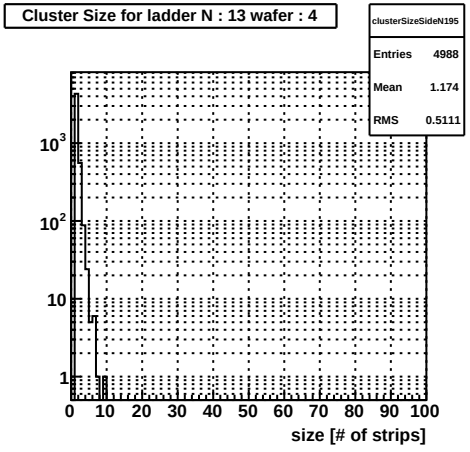

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 2708
Mean 1.267
RMS 0.7106
size [# of strips]

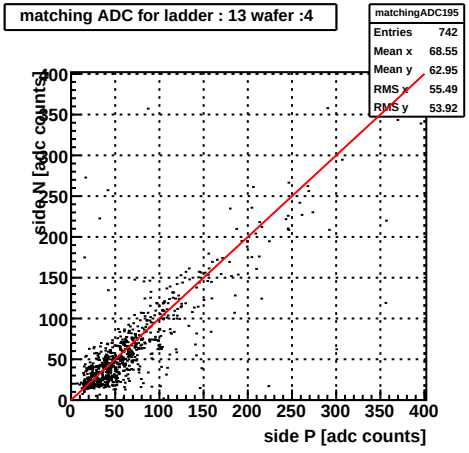

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 22
Mean x 24.6
Mean y 32
RMS x 9.33
RMS y 37.2
side N [adc counts]
side P [adc counts]

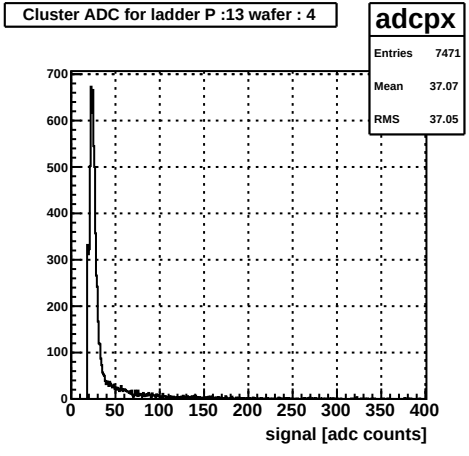

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 1375
Mean 32.55
RMS 17.34
signal [adc counts]

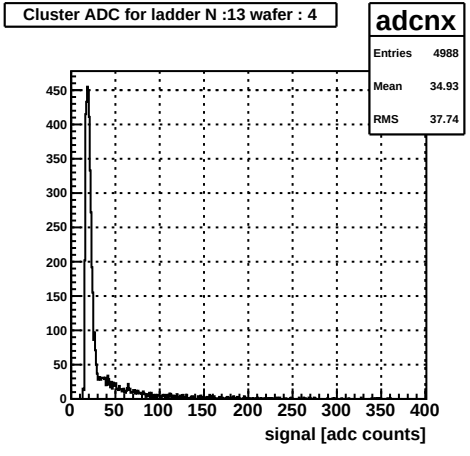

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 2708
Mean 35.53
RMS 37.37
signal [adc counts]

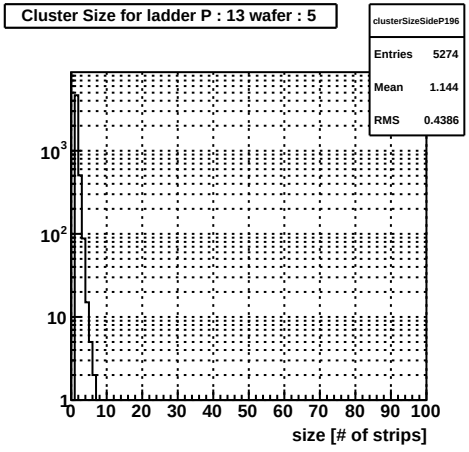

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 7471
Mean 1.093
RMS 0.3495
size [# of strips]

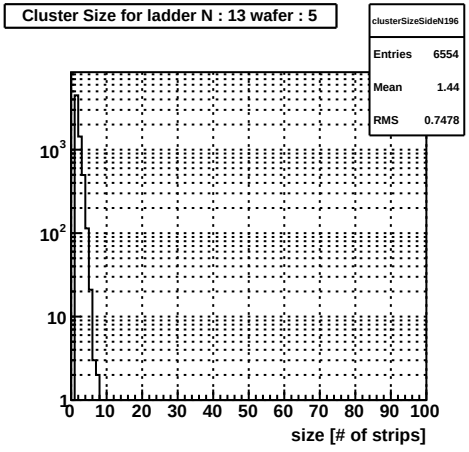

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 4988
Mean 1.174
RMS 0.5111
size [# of strips]

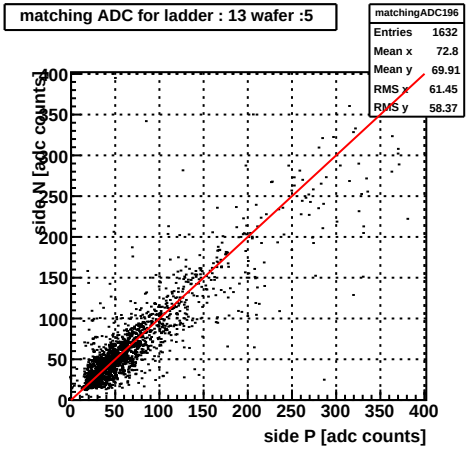

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 742
Mean x 68.55
Mean y 62.95
RMS x 55.49
RMS y 53.92
side N [adc counts]
side P [adc counts]

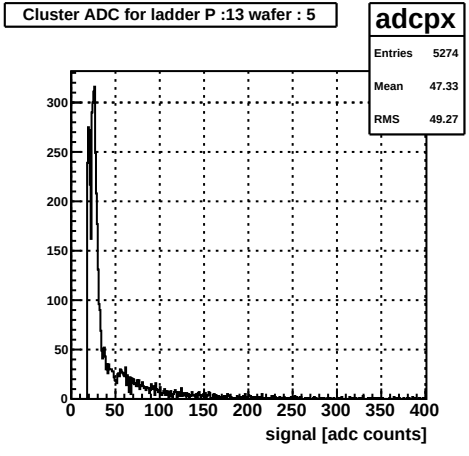

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 7471
Mean 37.07
RMS 37.05
signal [adc counts]

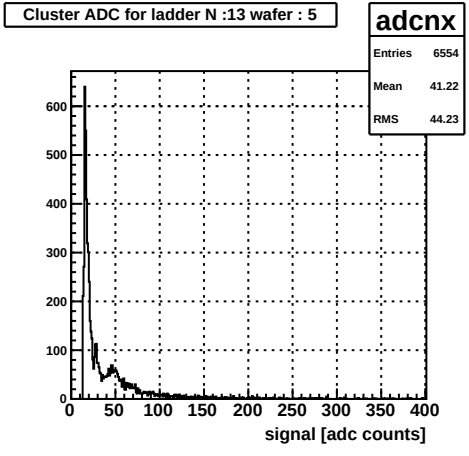

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 4988
Mean 34.93
RMS 37.74
signal [adc counts]

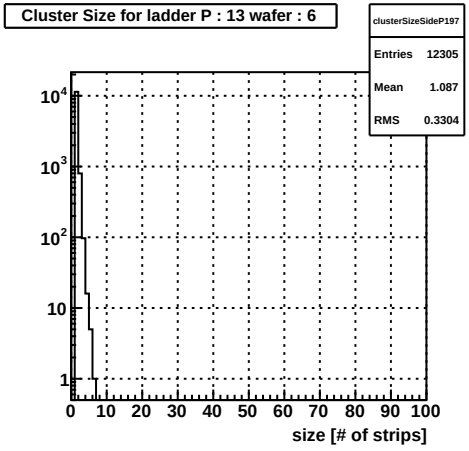

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 5274
Mean 1.144
RMS 0.4386
size [# of strips]

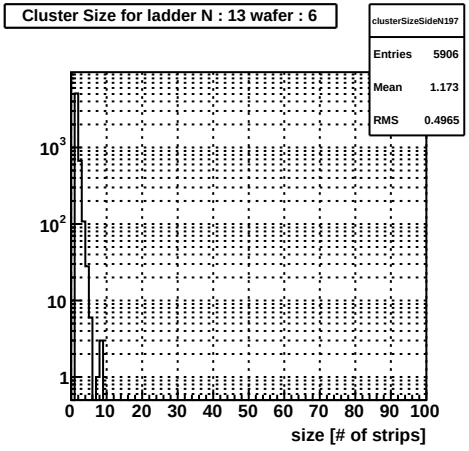

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 6554
Mean 1.44
RMS 0.7478
size [# of strips]

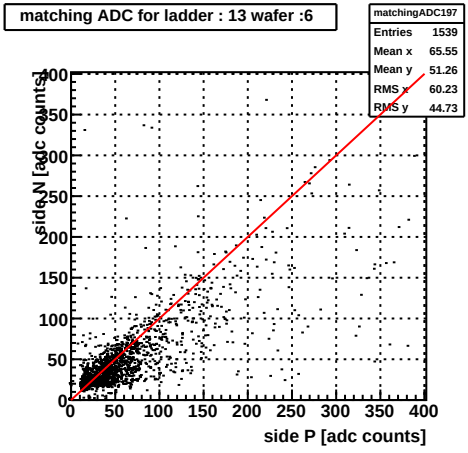

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 1632
Mean x 72.8
Mean y 69.91
RMS x 61.45
RMS y 58.37
side N [adc counts]
side P [adc counts]

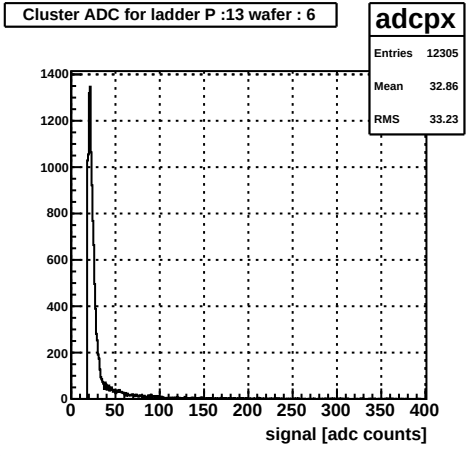

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 5274
Mean 47.33
RMS 49.27
signal [adc counts]

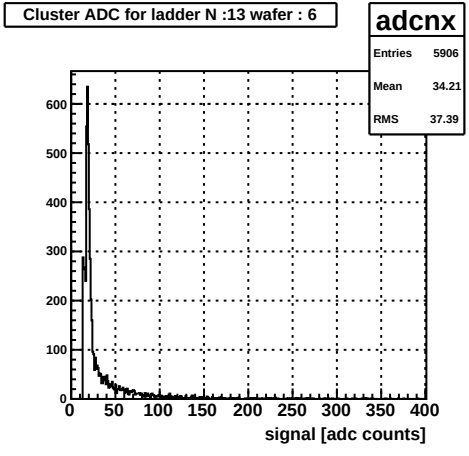

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 6554
Mean 41.22
RMS 44.23
signal [adc counts]

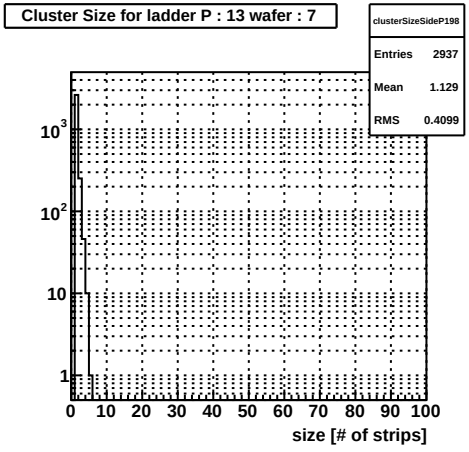

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 12305
Mean 1.087
RMS 0.3304
size [# of strips]

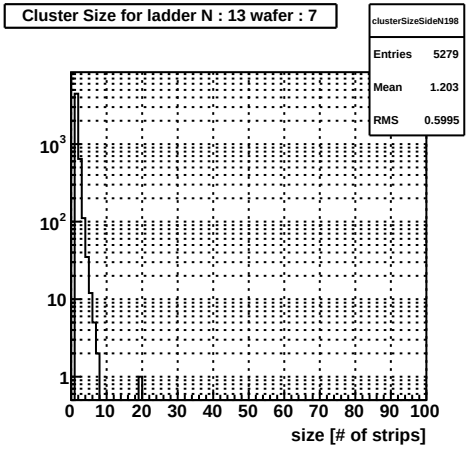

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 5906
Mean 1.173
RMS 0.4965
size [# of strips]

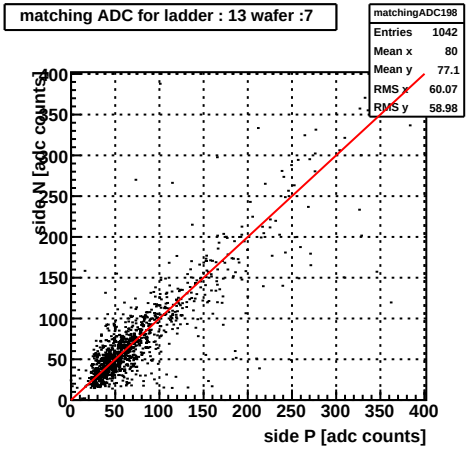

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 1539
Mean x 65.55
Mean y 51.26
RMS x 60.23
RMS y 44.73
side N [adc counts]
side P [adc counts]

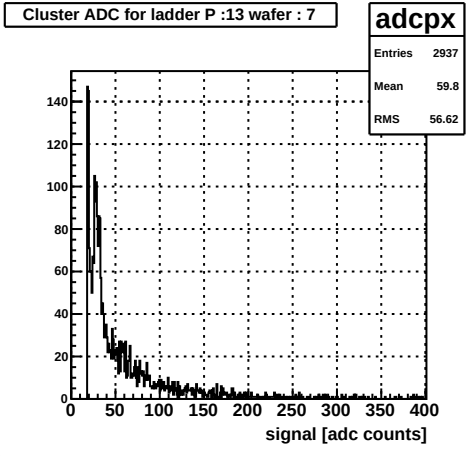

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 12305
Mean 32.86
RMS 33.23
signal [adc counts]

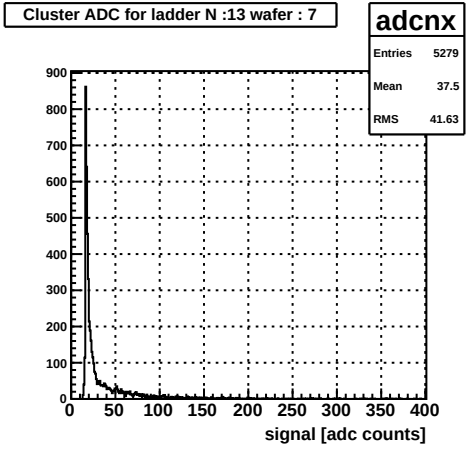

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 5906
Mean 34.21
RMS 37.39
signal [adc counts]

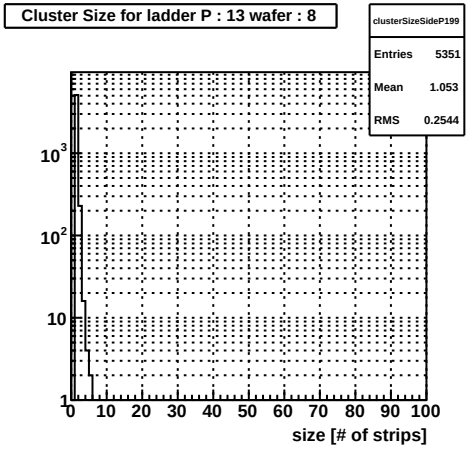

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 2937
Mean 1.129
RMS 0.4099
size [# of strips]

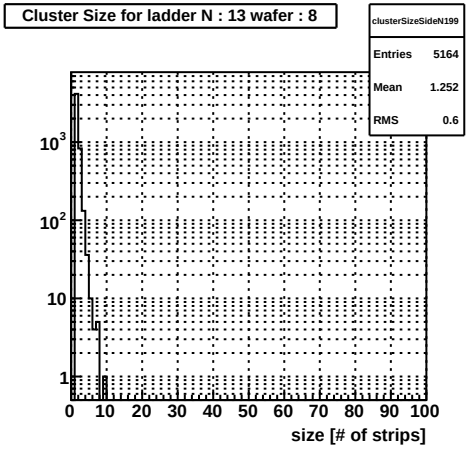

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 5279
Mean 1.203
RMS 0.5995
size [# of strips]

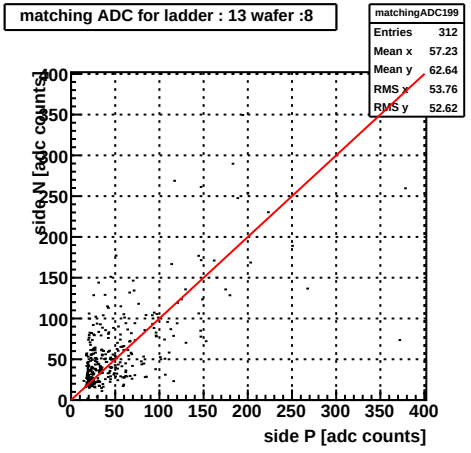

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 1042
Mean x 80
Mean y 77.1
RMS x 60.07
RMS y 58.98
side N [adc counts]
side P [adc counts]

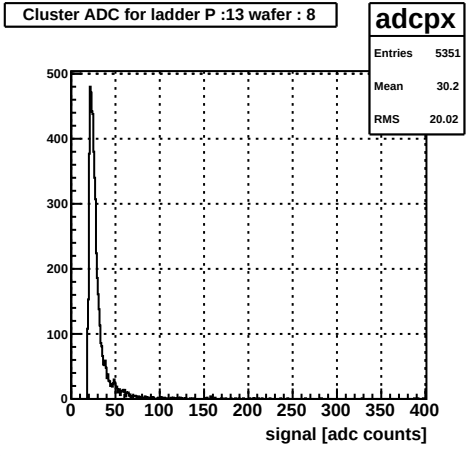

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 2937
Mean 59.8
RMS 56.62
signal [adc counts]

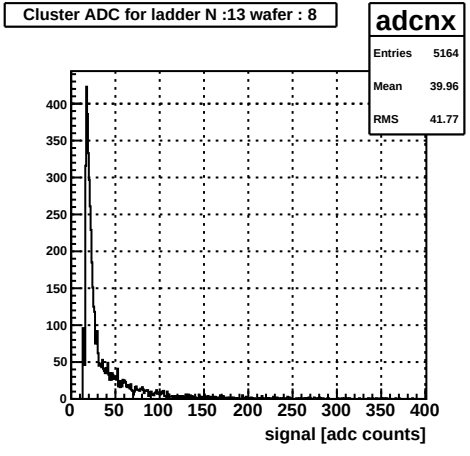

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 5279
Mean 37.5
RMS 41.63
signal [adc counts]

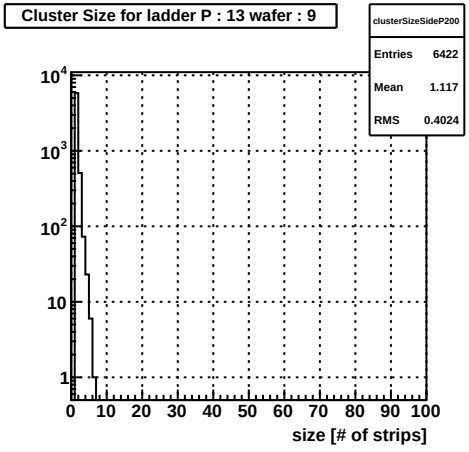

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 5351
Mean 1.053
RMS 0.2544
size [# of strips]

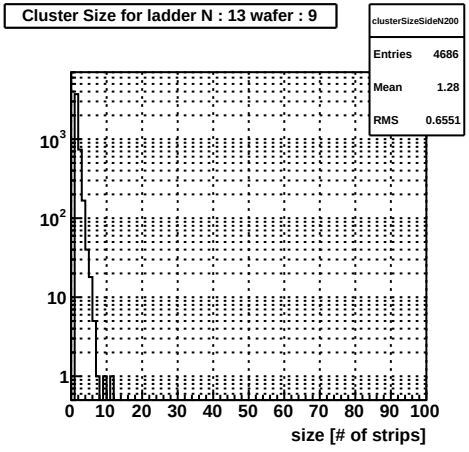

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 5164
Mean 1.252
RMS 0.6
size [# of strips]

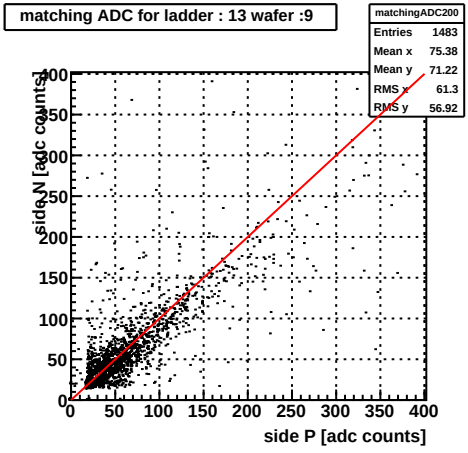

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 312
Mean x 57.23
Mean y 62.64
RMS x 53.76
RMS y 52.62
side N [adc counts]
side P [adc counts]

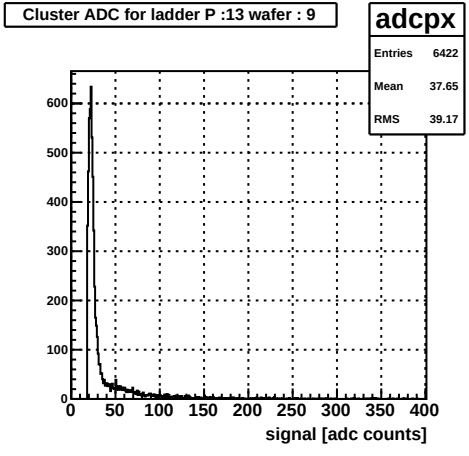

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 5351
Mean 30.2
RMS 20.02
signal [adc counts]

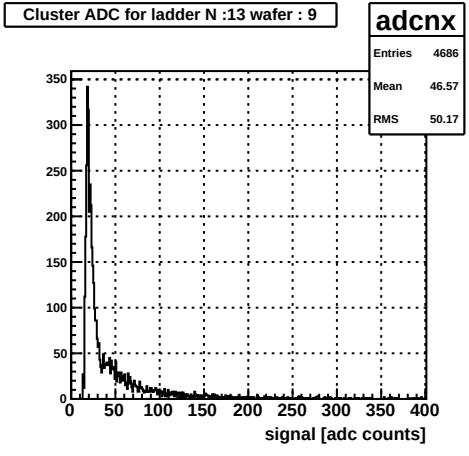

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 5164
Mean 39.96
RMS 41.77
signal [adc counts]

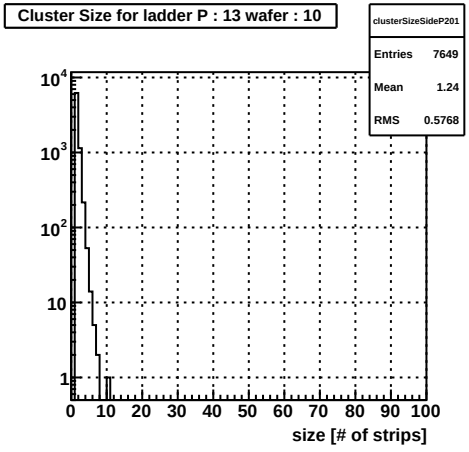

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 6422
Mean 1.117
RMS 0.4024
size [# of strips]

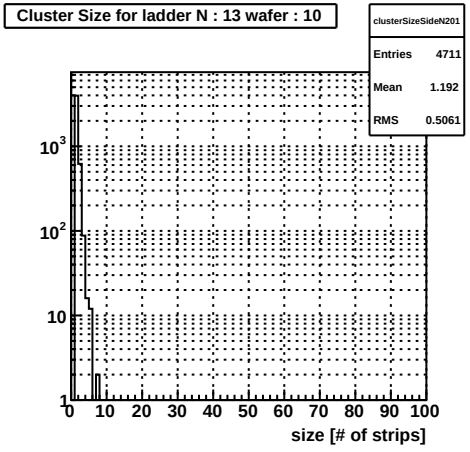

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4686
Mean 1.28
RMS 0.6551
size [# of strips]

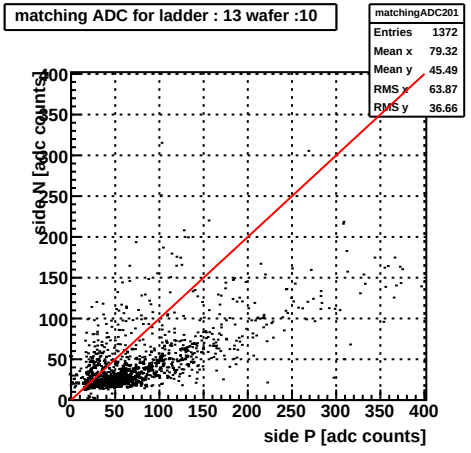

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 1483
Mean x 75.38
Mean y 71.22
RMS x 61.3
RMS y 56.92
side N [adc counts]
side P [adc counts]

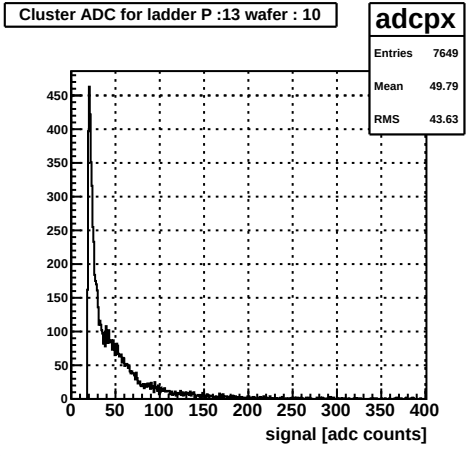

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 6422
Mean 37.65
RMS 39.17
signal [adc counts]

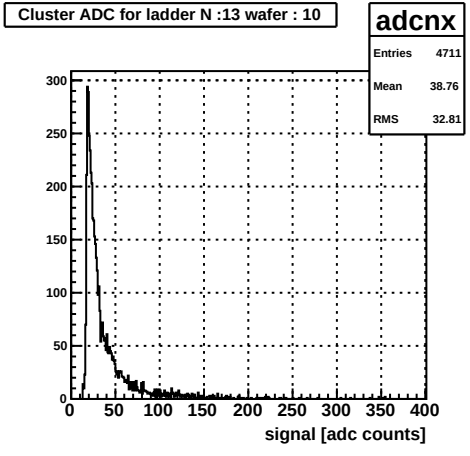

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4686
Mean 46.57
RMS 50.17
signal [adc counts]

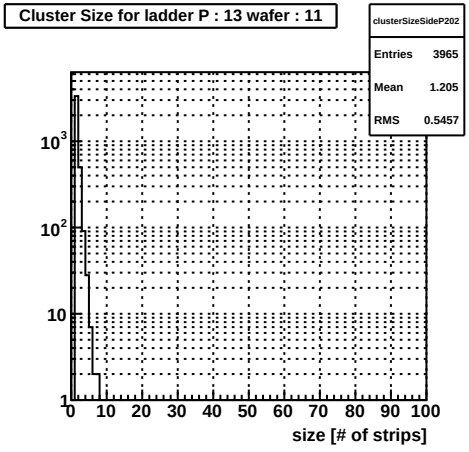

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 7649
Mean 1.24
RMS 0.5768
size [# of strips]

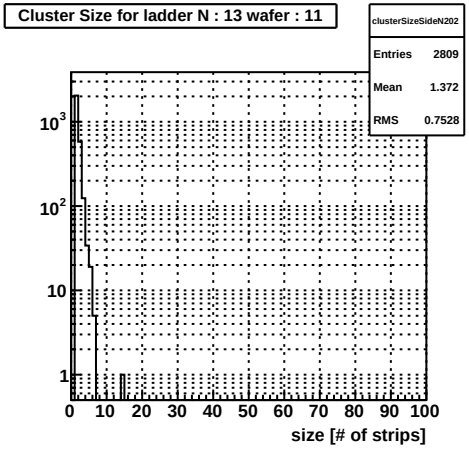

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 4711
Mean 1.192
RMS 0.5061
size [# of strips]

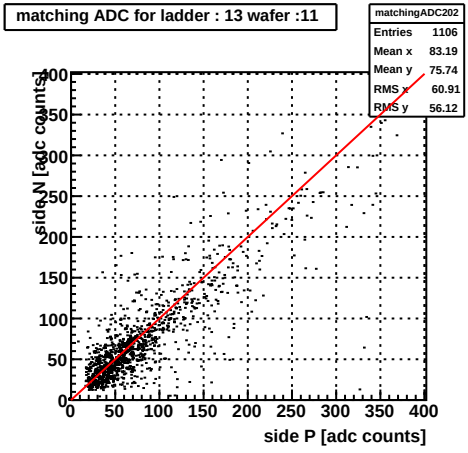

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 1372
Mean x 79.32
Mean y 45.49
RMS x 63.87
RMS y 36.66
side N [adc counts]
side P [adc counts]

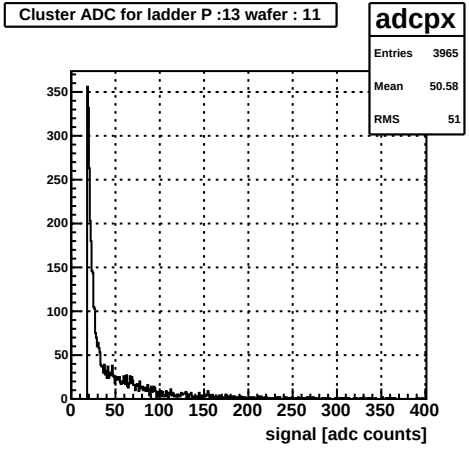

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 7649
Mean 49.79
RMS 43.63
signal [adc counts]

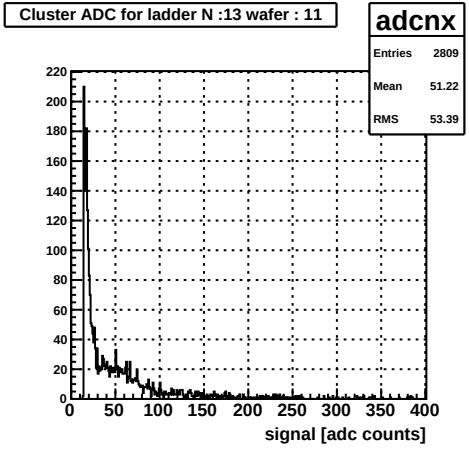

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 4711
Mean 38.76
RMS 32.81
signal [adc counts]

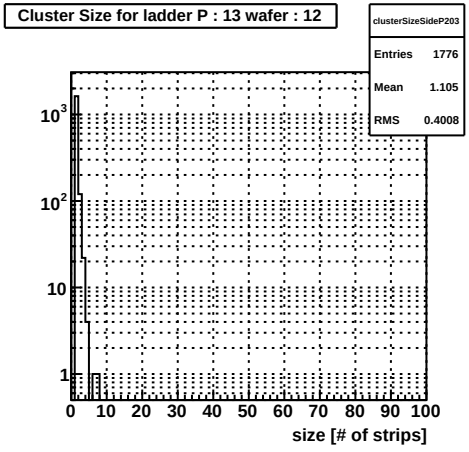

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 3965
Mean 1.205
RMS 0.5457
size [# of strips]

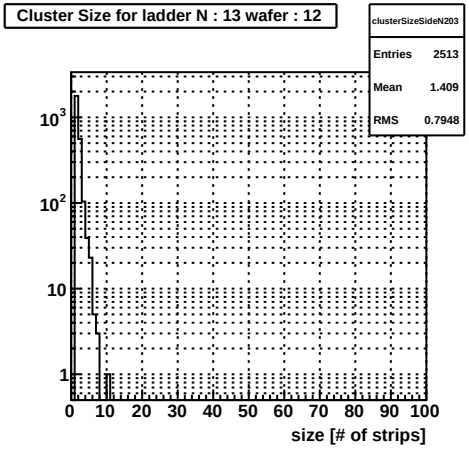

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 2809
Mean 1.372
RMS 0.7528
size [# of strips]

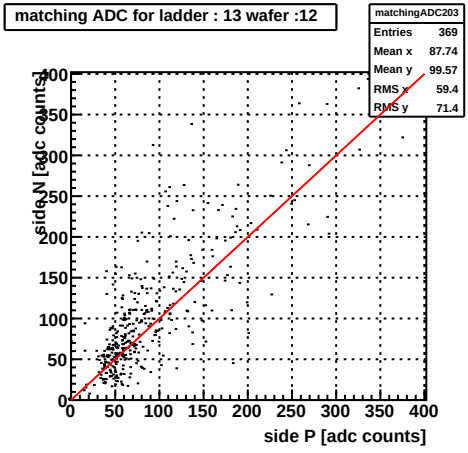

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 1106
Mean x 83.19
Mean y 75.74
RMS x 60.91
RMS y 56.12
side N [adc counts]
side P [adc counts]

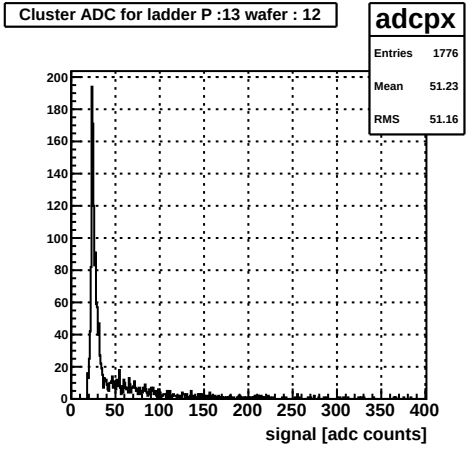

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 3965
Mean 50.58
RMS 51
signal [adc counts]

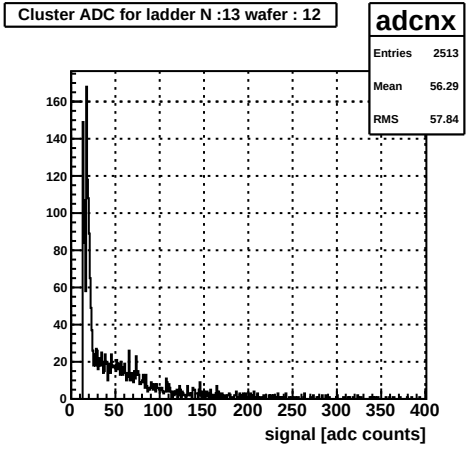

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 2809
Mean 51.22
RMS 53.39
signal [adc counts]

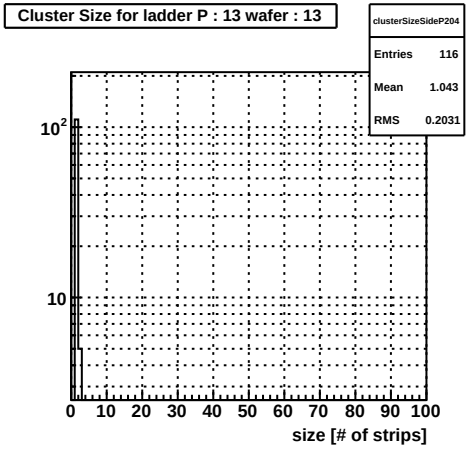

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1776
Mean 1.105
RMS 0.4008
size [# of strips]

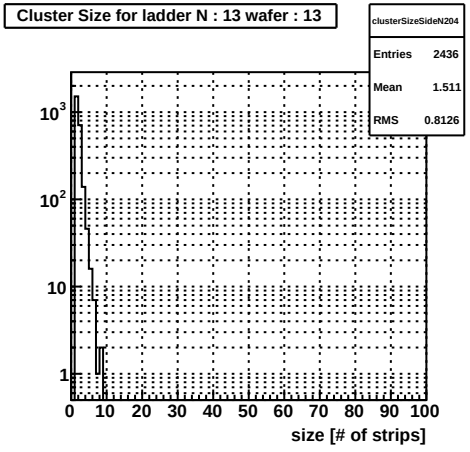

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 2513
Mean 1.409
RMS 0.7948
size [# of strips]

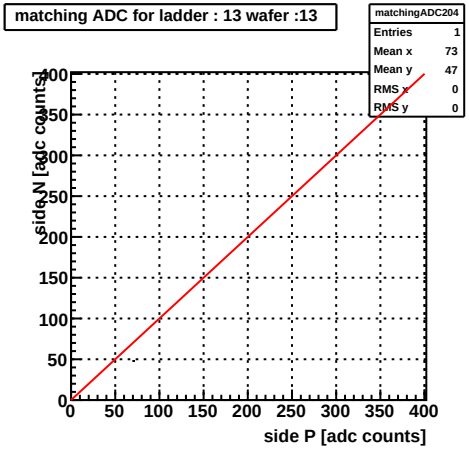

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 369
Mean x 87.74
Mean y 99.57
RMS x 59.4
RMS y 71.4
side N [adc counts]
side P [adc counts]

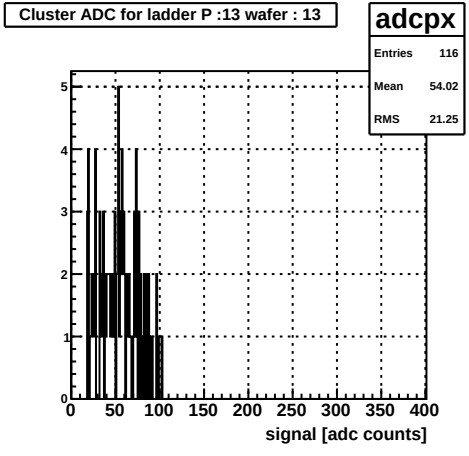

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1776
Mean 51.23
RMS 51.16
signal [adc counts]

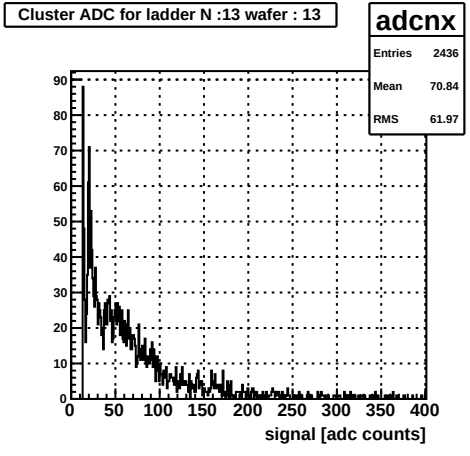

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 2513
Mean 56.29
RMS 57.84
signal [adc counts]

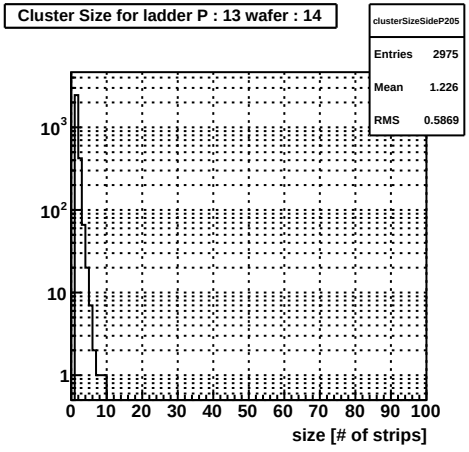

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 116
Mean 1.043
RMS 0.2031
size [# of strips]

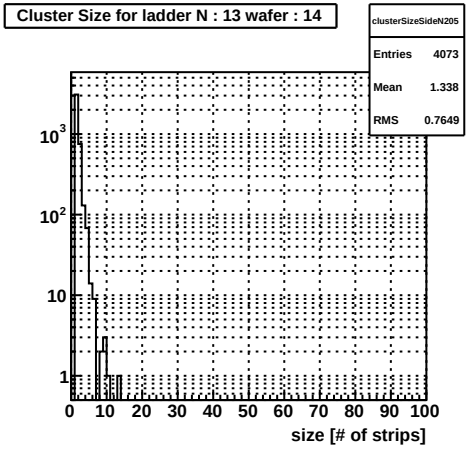

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 2436
Mean 1.511
RMS 0.8126
size [# of strips]

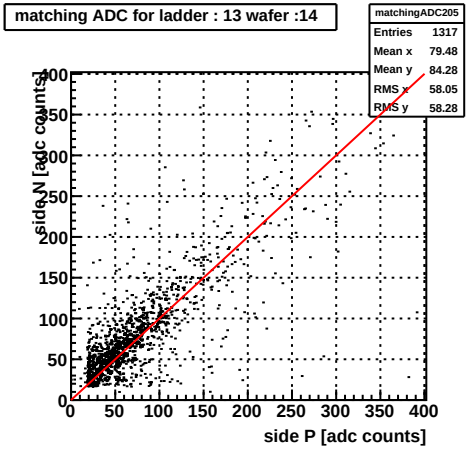

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 1
Mean x 73
Mean y 47
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

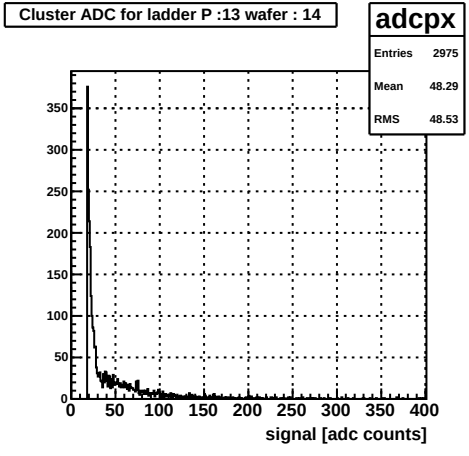

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 116
Mean 54.02
RMS 21.25
signal [adc counts]

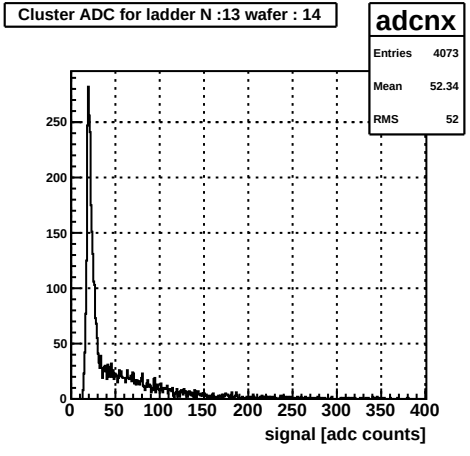

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 2436
Mean 70.84
RMS 61.97
signal [adc counts]

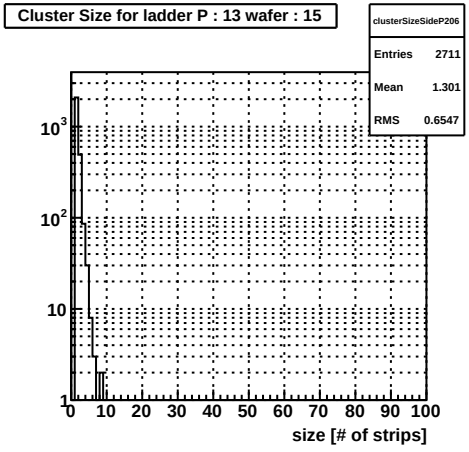

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 2975
Mean 1.226
RMS 0.5869
size [# of strips]

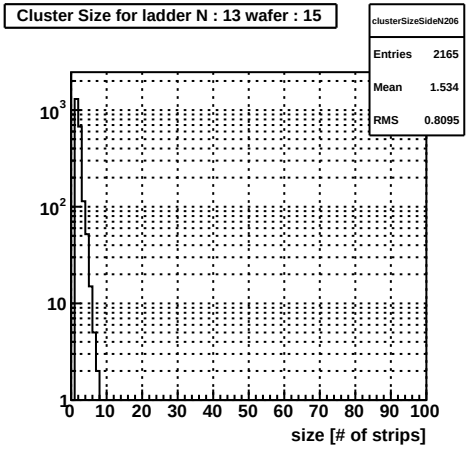

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 4073
Mean 1.338
RMS 0.7649
size [# of strips]

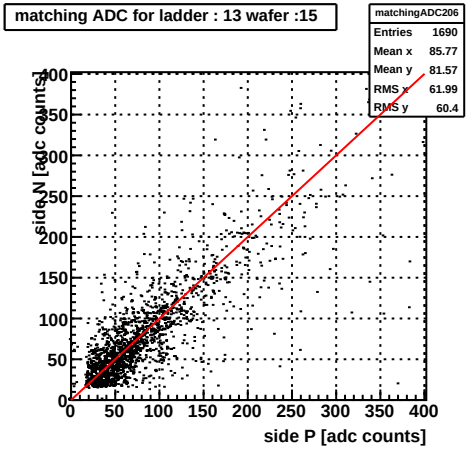

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 1317
Mean x 79.48
Mean y 84.28
RMS x 58.05
RMS y 58.28
side N [adc counts]
side P [adc counts]

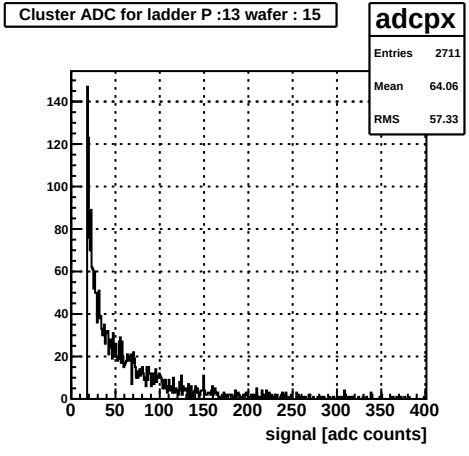

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 2975
Mean 48.29
RMS 48.53
signal [adc counts]

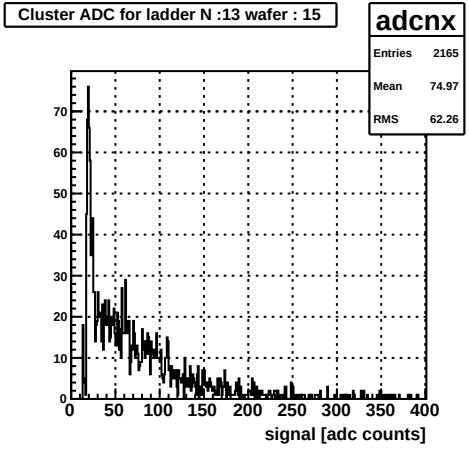

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 4073
Mean 52.34
RMS 52
signal [adc counts]

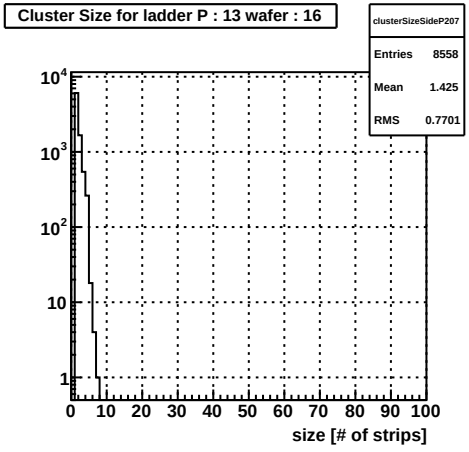

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 2711
Mean 1.301
RMS 0.6547
size [# of strips]

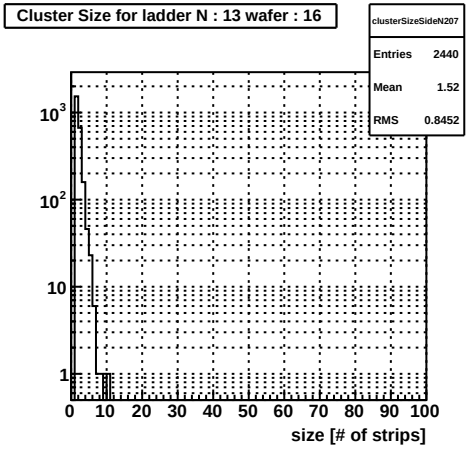

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 2165
Mean 1.534
RMS 0.8095
size [# of strips]

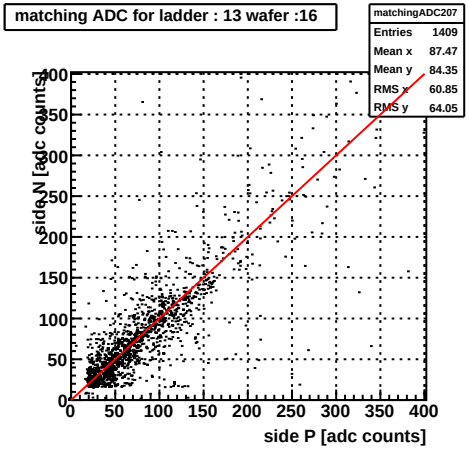

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 1690
Mean x 85.77
Mean y 81.57
RMS x 61.99
RMS y 60.4
side N [adc counts]
side P [adc counts]

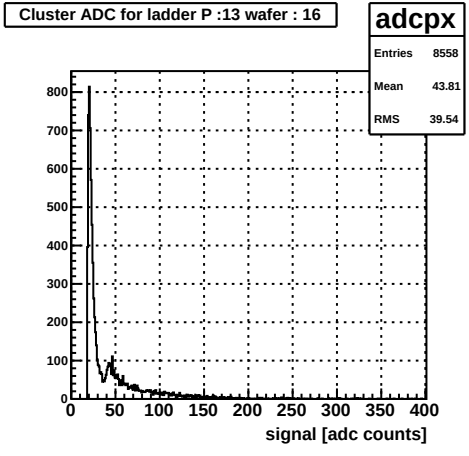

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 2711
Mean 64.06
RMS 57.33
signal [adc counts]

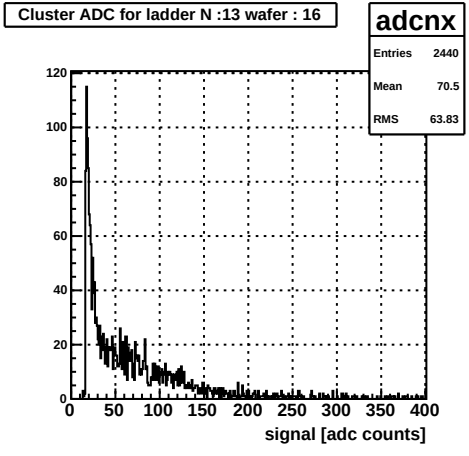

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 2165
Mean 74.97
RMS 62.26
signal [adc counts]

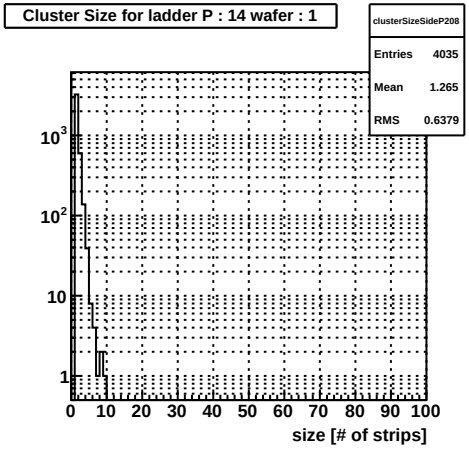

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 8558
Mean 1.425
RMS 0.7701
size [# of strips]

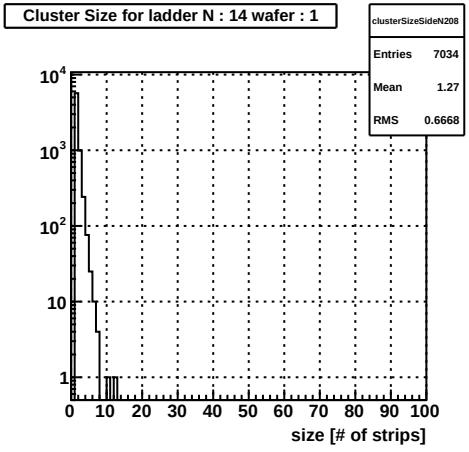

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 2440
Mean 1.52
RMS 0.8452
size [# of strips]

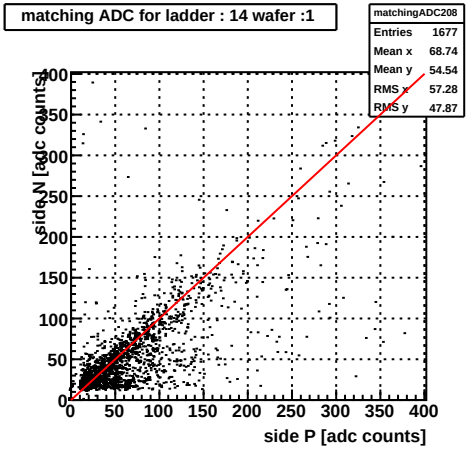

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 1409
Mean x 87.47
Mean y 84.35
RMS x 60.85
RMS y 64.05
side N [adc counts]
side P [adc counts]

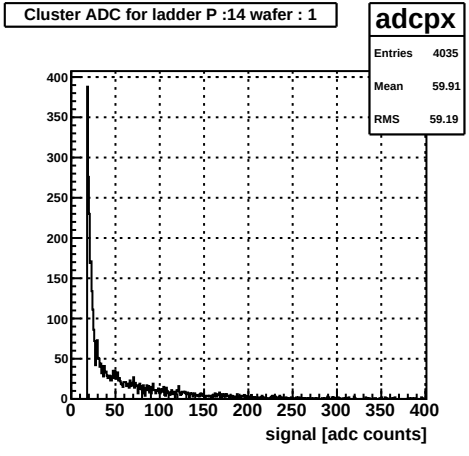

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 8558
Mean 43.81
RMS 39.54
signal [adc counts]

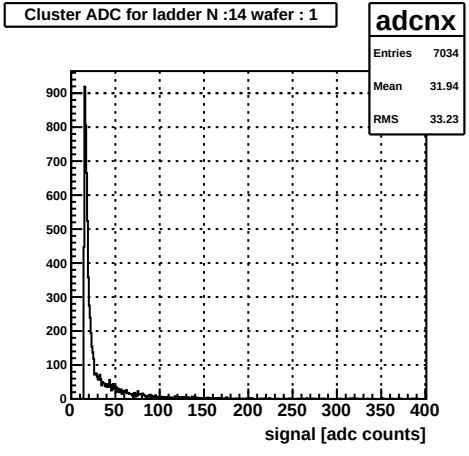

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 2440
Mean 70.5
RMS 63.83
signal [adc counts]

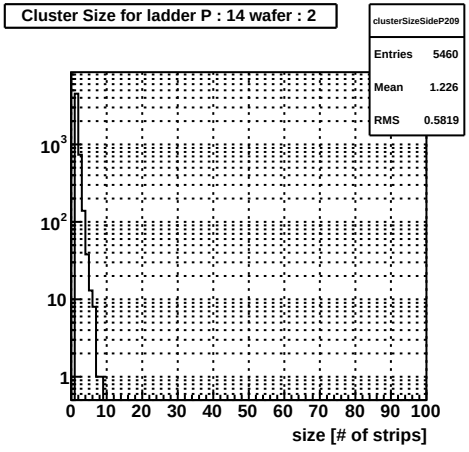

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 4035
Mean 1.265
RMS 0.6379
size [# of strips]

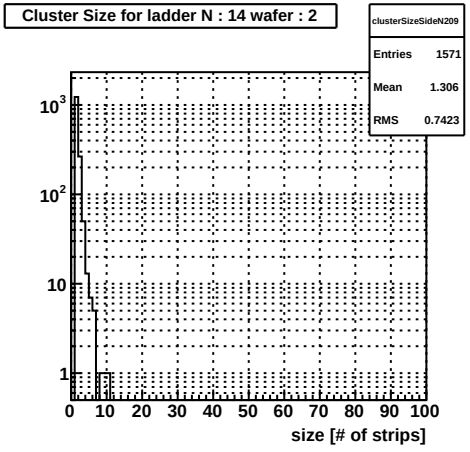

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 7034
Mean 1.27
RMS 0.6668
size [# of strips]

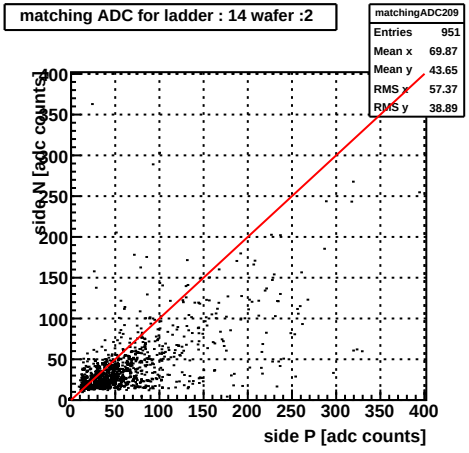

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 1677
Mean x 68.74
Mean y 54.54
RMS x 57.28
RMS y 47.87
side N [adc counts]
side P [adc counts]

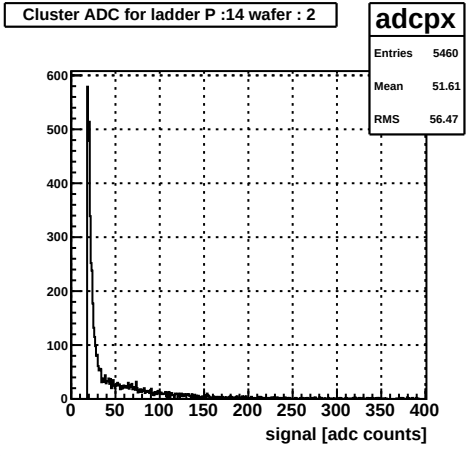

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 4035
Mean 59.91
RMS 59.19
signal [adc counts]

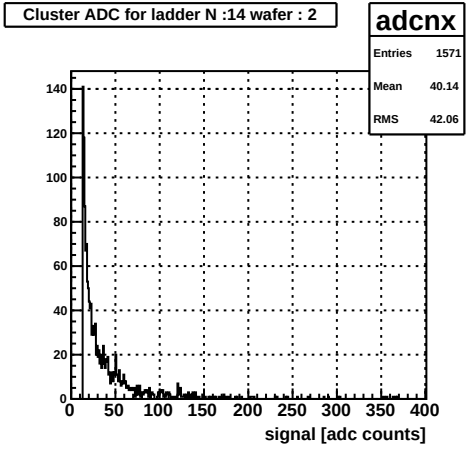

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 7034
Mean 31.94
RMS 33.23
signal [adc counts]

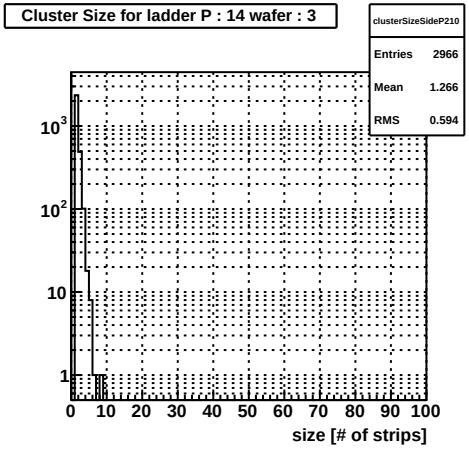

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 5460
Mean 1.226
RMS 0.5819
size [# of strips]

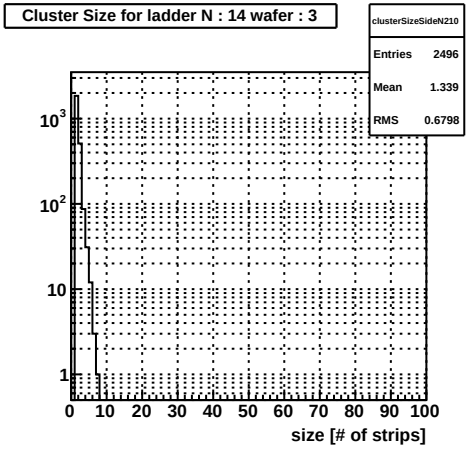

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 1571
Mean 1.306
RMS 0.7423
size [# of strips]

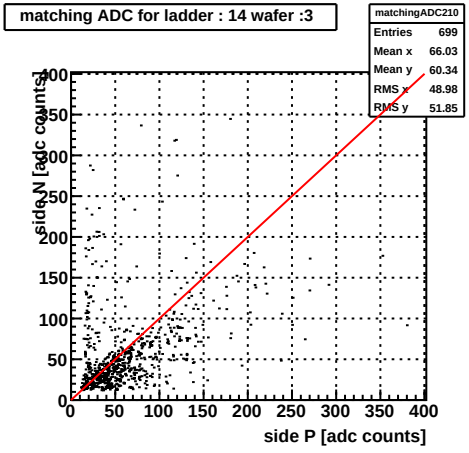

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 951
Mean x 69.87
Mean y 43.65
RMS x 57.37
RMS y 38.89
side N [adc counts]
side P [adc counts]

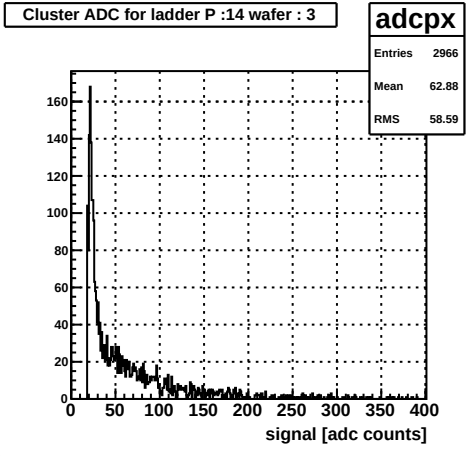

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 5460
Mean 51.61
RMS 56.47
signal [adc counts]

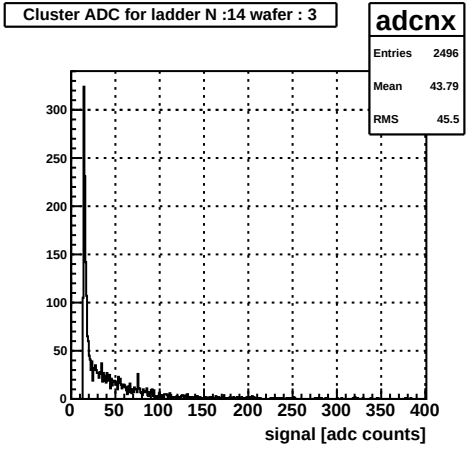

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 1571
Mean 40.14
RMS 42.06
signal [adc counts]

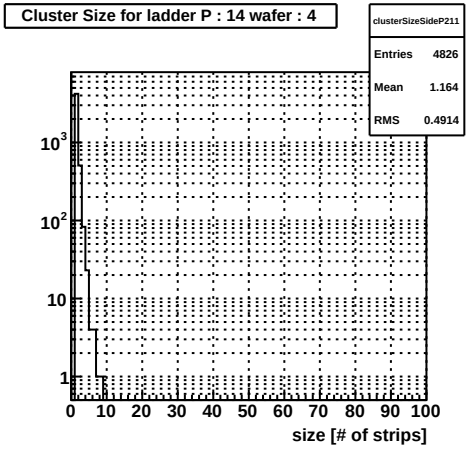

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 2966
Mean 1.266
RMS 0.594
size [# of strips]

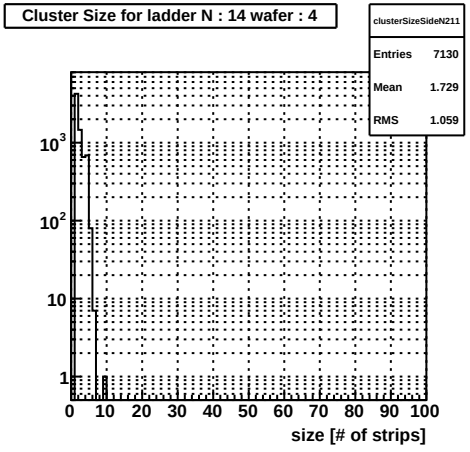

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 2496
Mean 1.339
RMS 0.6798
size [# of strips]

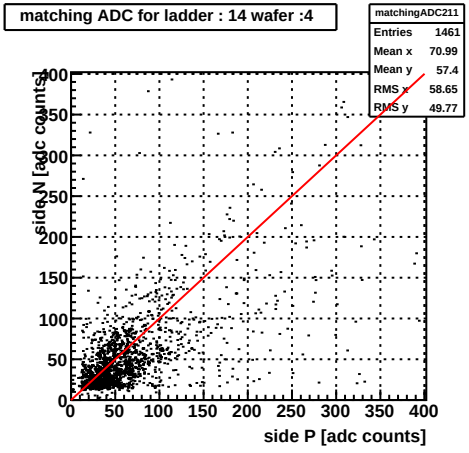

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 699
Mean x 66.03
Mean y 60.34
RMS x 48.98
RMS y 51.85
side N [adc counts]
side P [adc counts]

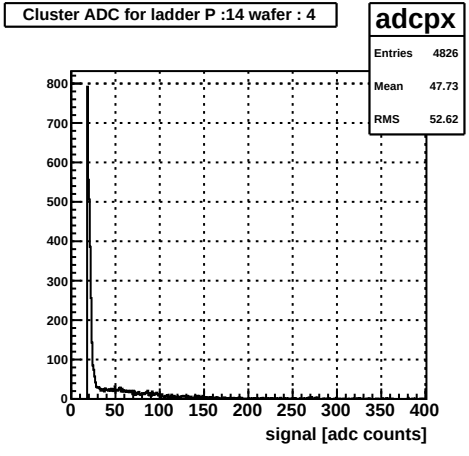

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 2966
Mean 62.88
RMS 58.59
signal [adc counts]

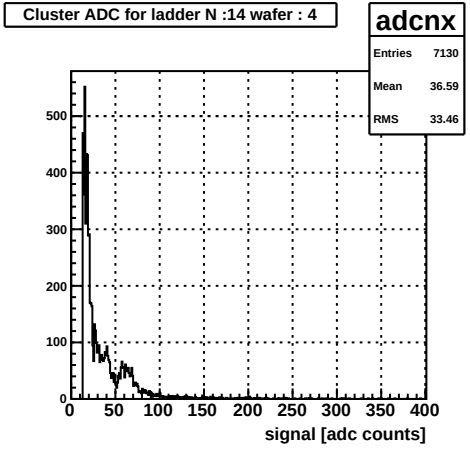

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 2496
Mean 43.79
RMS 45.5
signal [adc counts]

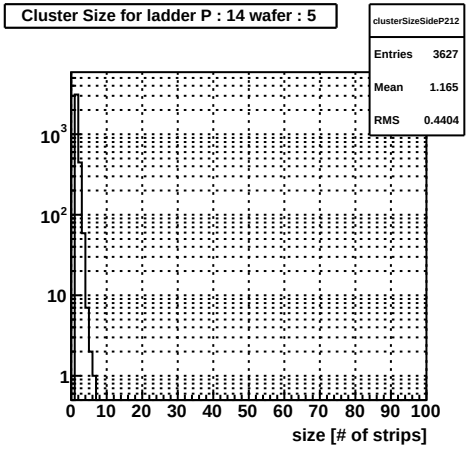

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 4826
Mean 1.164
RMS 0.4914
size [# of strips]

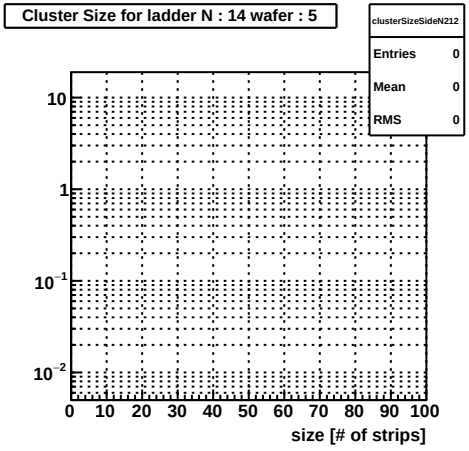

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 7130
Mean 1.729
RMS 1.059
size [# of strips]

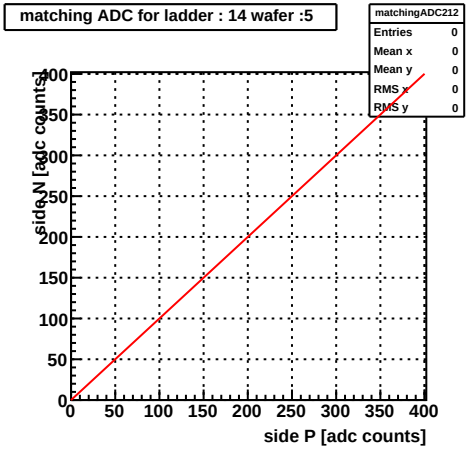

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 1461
Mean x 70.99
Mean y 57.4
RMS x 58.65
RMS y 49.77
side N [adc counts]
side P [adc counts]

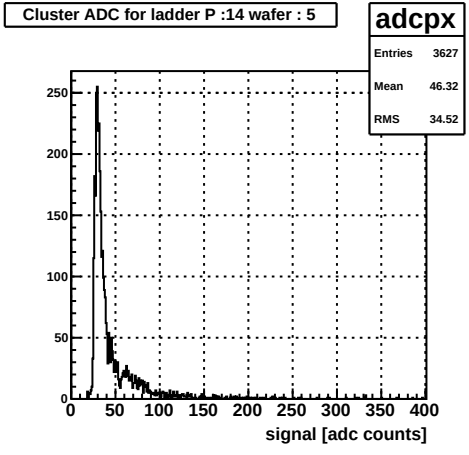

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 4826
Mean 47.73
RMS 52.62
signal [adc counts]

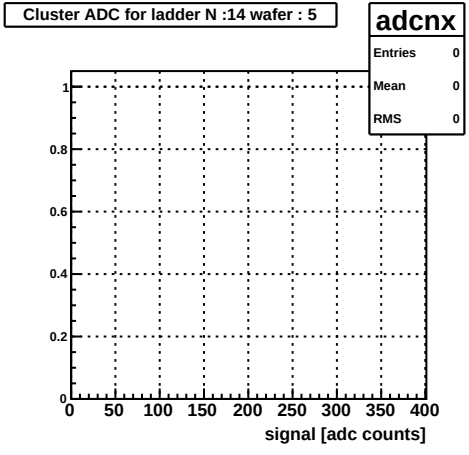

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 7130
Mean 36.59
RMS 33.46
signal [adc counts]

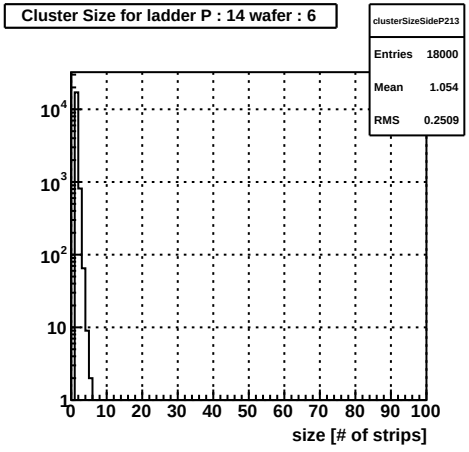

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 3627
Mean 1.165
RMS 0.4404
size [# of strips]

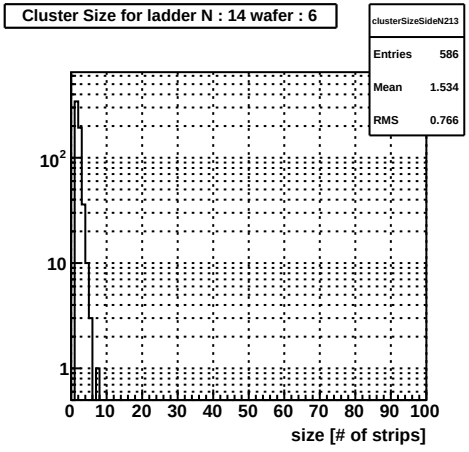

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

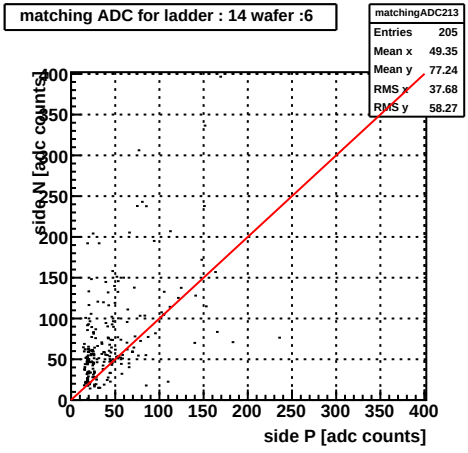

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

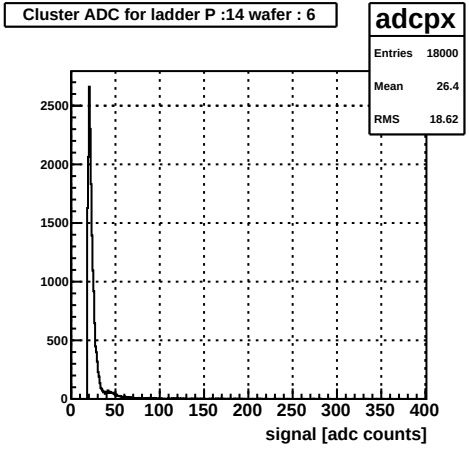

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 3627
Mean 46.32
RMS 34.52
signal [adc counts]

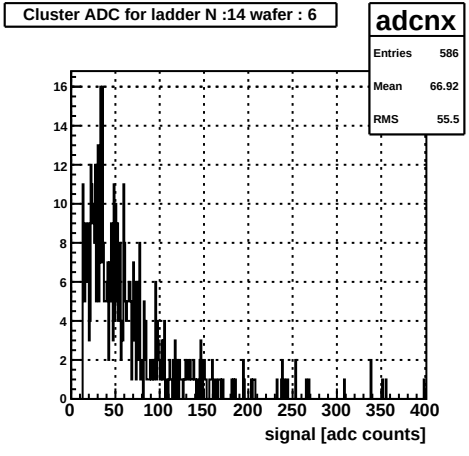

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

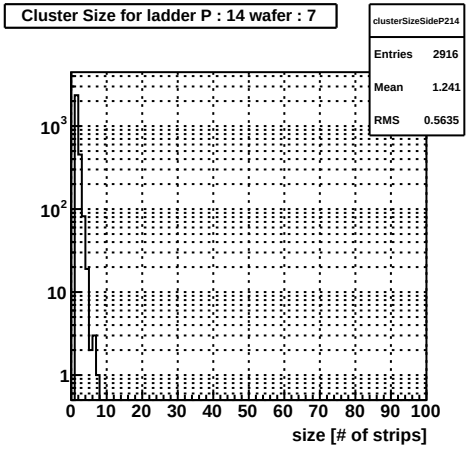

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 18000
Mean 1.054
RMS 0.2509
size [# of strips]

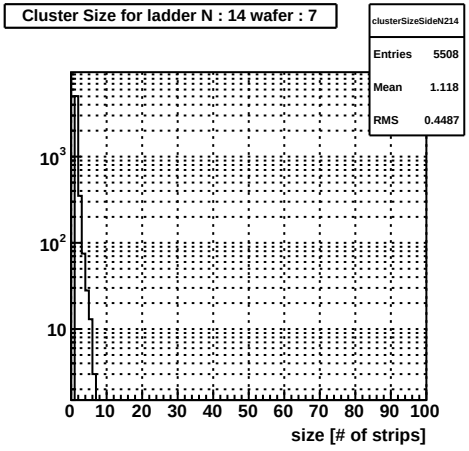

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 586
Mean 1.534
RMS 0.766
size [# of strips]

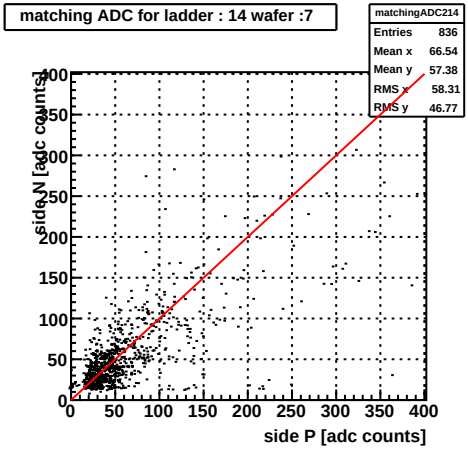

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 205
Mean x 49.35
Mean y 77.24
RMS x 37.68
RMS y 58.27
side N [adc counts]
side P [adc counts]

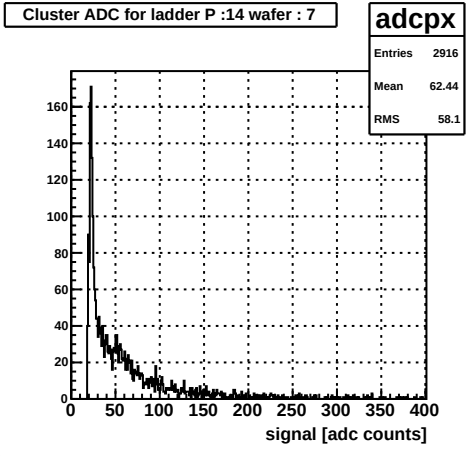

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 18000
Mean 26.4
RMS 18.62
signal [adc counts]

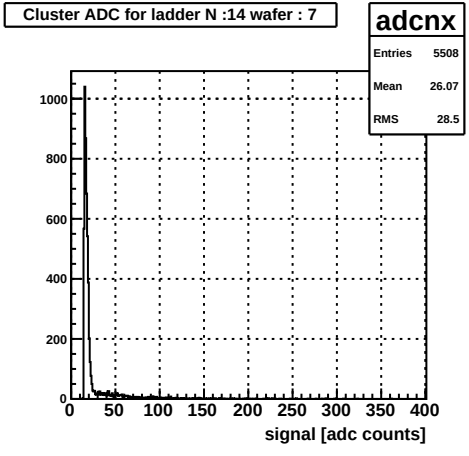

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 586
Mean 66.92
RMS 55.5
signal [adc counts]

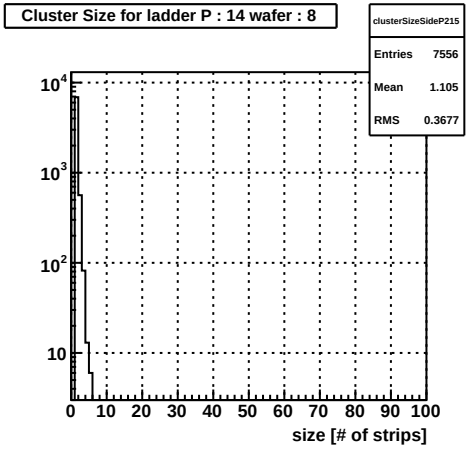

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 2916
Mean 1.241
RMS 0.5635
size [# of strips]

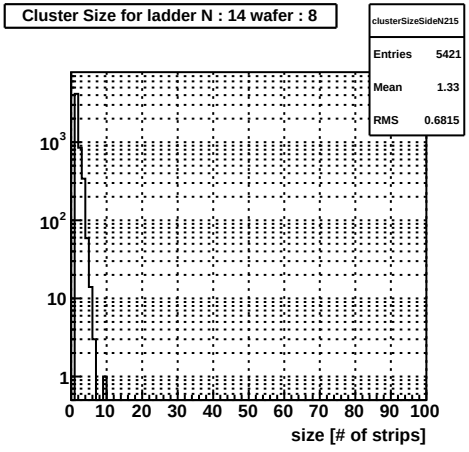

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 5508
Mean 1.118
RMS 0.4487
size [# of strips]

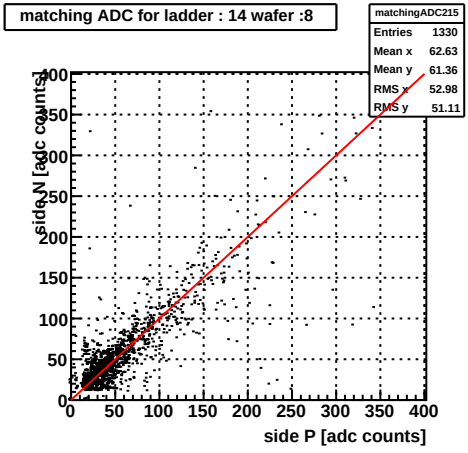

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 836
Mean x 66.54
Mean y 57.38
RMS x 58.31
RMS y 46.77
side N [adc counts]
side P [adc counts]

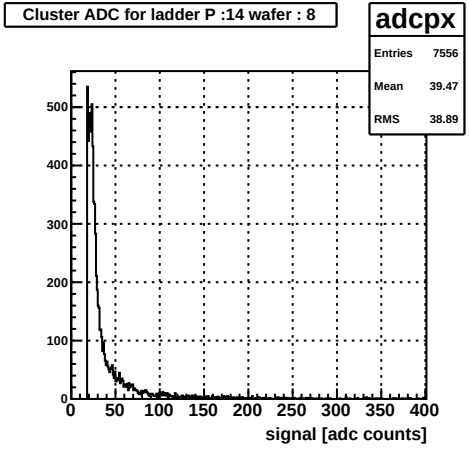

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 2916
Mean 62.44
RMS 58.1
signal [adc counts]

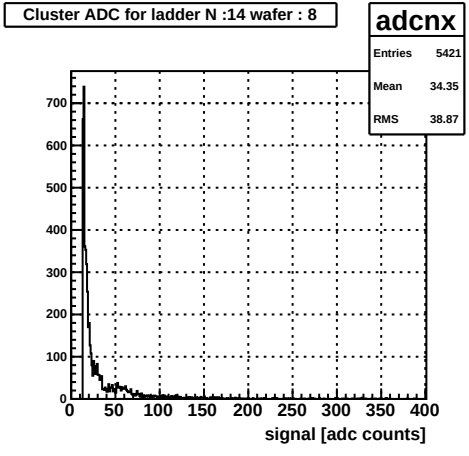

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 5508
Mean 26.07
RMS 28.5
signal [adc counts]

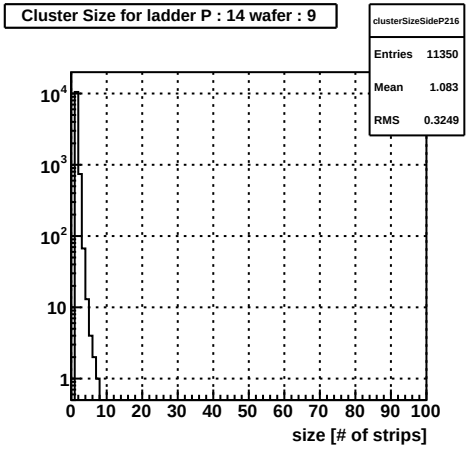

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 7556
Mean 1.105
RMS 0.3677
size [# of strips]

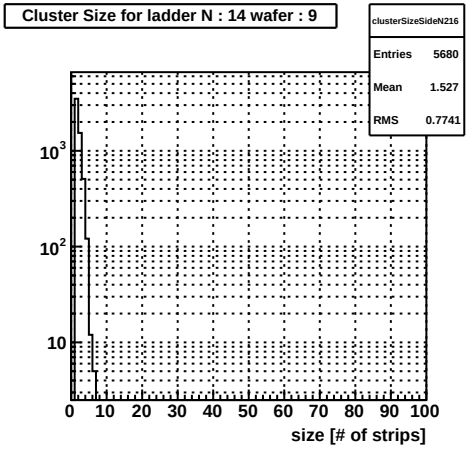

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 5421
Mean 1.33
RMS 0.6815
size [# of strips]

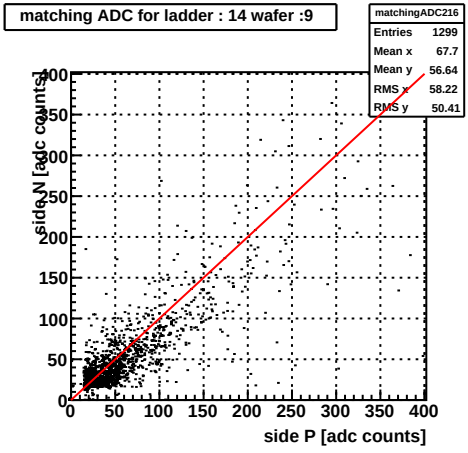

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 1330
Mean x 62.63
Mean y 61.36
RMS x 52.98
RMS y 51.11
side N [adc counts]
side P [adc counts]

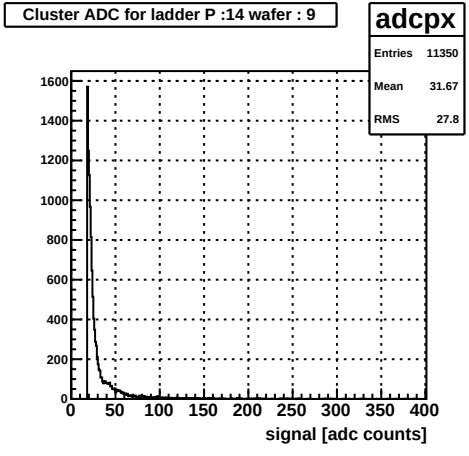

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 7556
Mean 39.47
RMS 38.89
signal [adc counts]

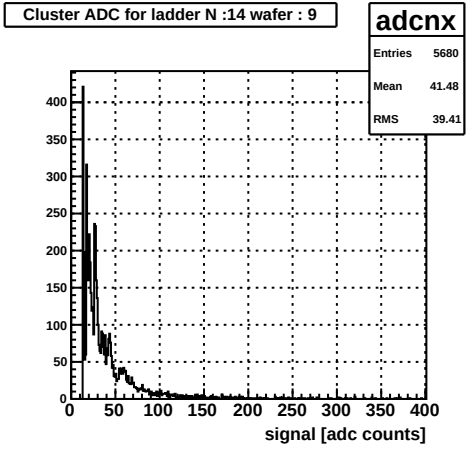

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 5421
Mean 34.35
RMS 38.87
signal [adc counts]

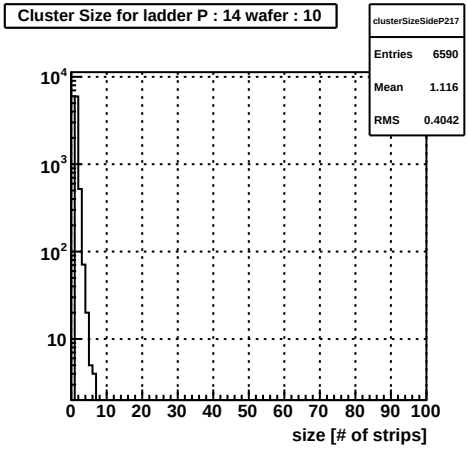

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 11350
Mean 1.083
RMS 0.3249
size [# of strips]

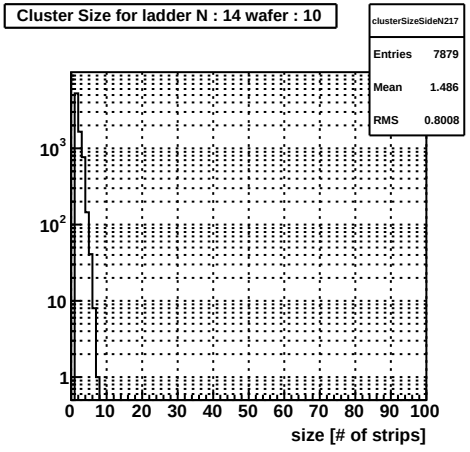

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 5680
Mean 1.527
RMS 0.7741
size [# of strips]

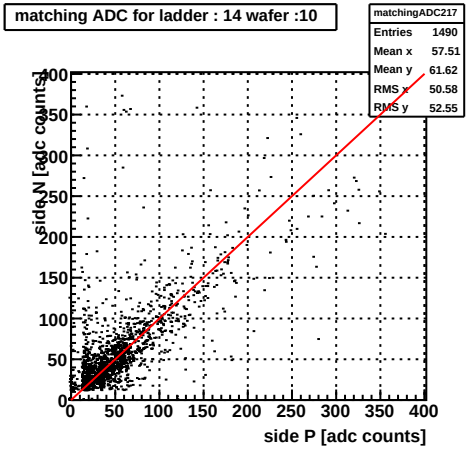

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 1299
Mean x 67.7
Mean y 56.64
RMS x 58.22
RMS y 50.41
side N [adc counts]
side P [adc counts]

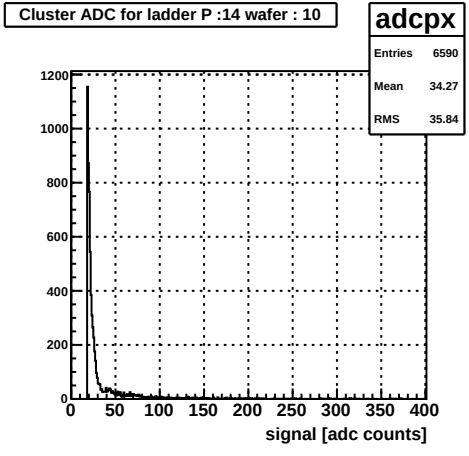

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 11350
Mean 31.67
RMS 27.8
signal [adc counts]

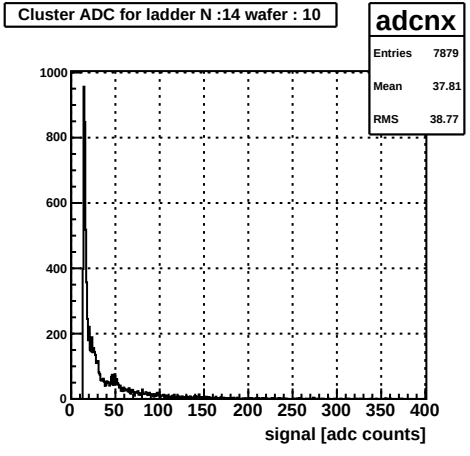

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 5680
Mean 41.48
RMS 39.41
signal [adc counts]

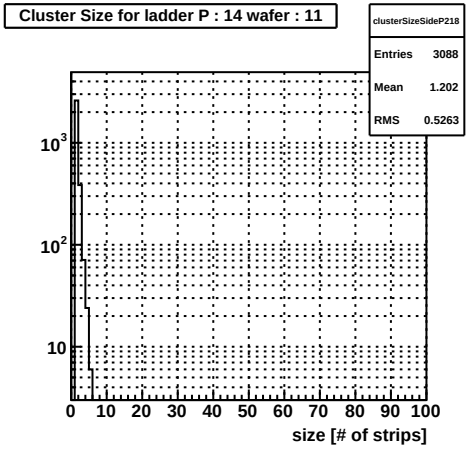

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 6590
Mean 1.116
RMS 0.4042
size [# of strips]

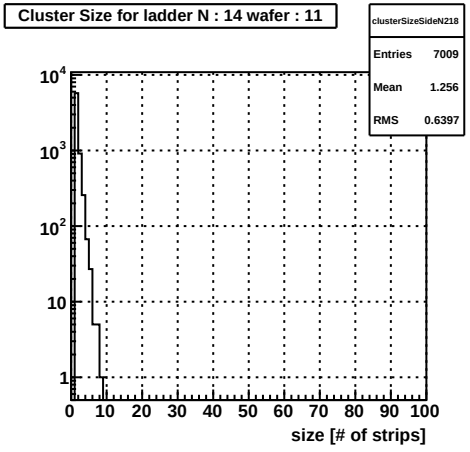

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 7879
Mean 1.486
RMS 0.8008
size [# of strips]

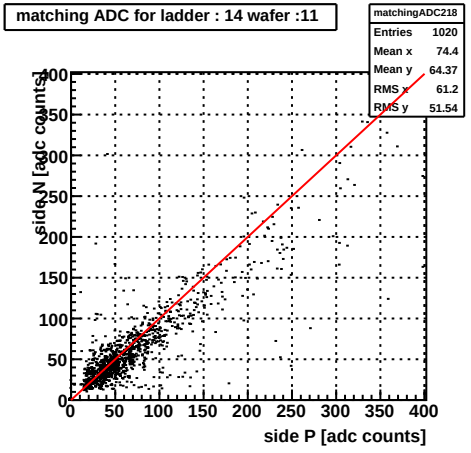

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 1490
Mean x 57.51
Mean y 61.62
RMS x 50.58
RMS y 52.55
side N [adc counts]
side P [adc counts]

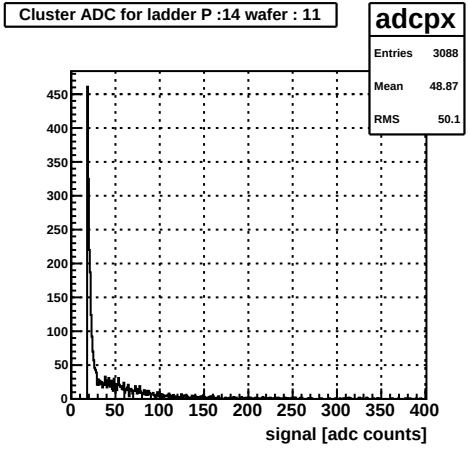

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 6590
Mean 34.27
RMS 35.84
signal [adc counts]

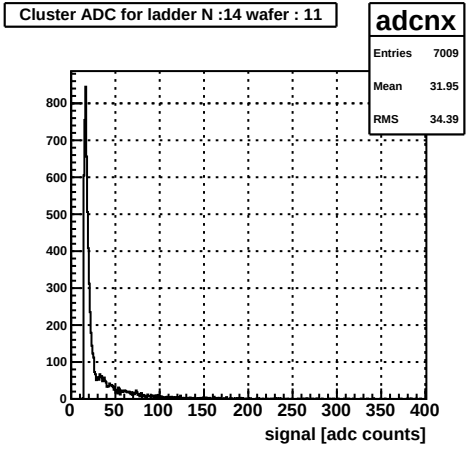

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 7879
Mean 37.81
RMS 38.77
signal [adc counts]

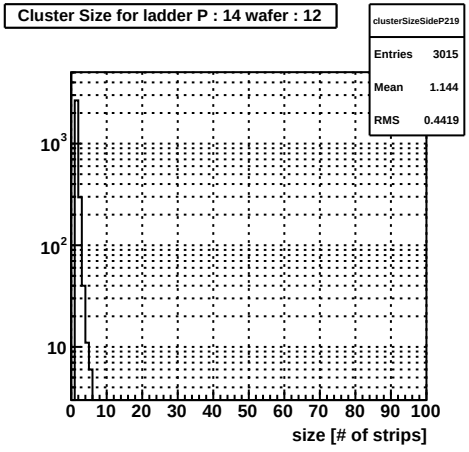

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 3088
Mean 1.202
RMS 0.5263
size [# of strips]

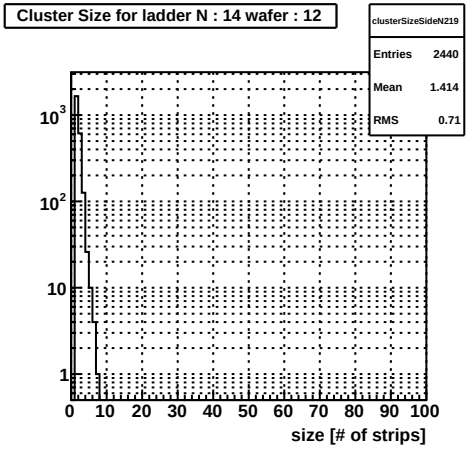

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 7009
Mean 1.256
RMS 0.6397
size [# of strips]

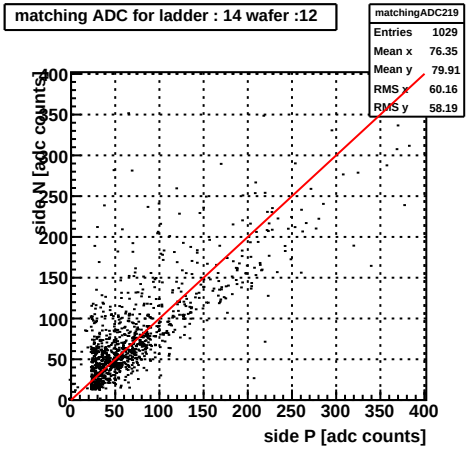

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 1020
Mean x 74.4
Mean y 64.37
RMS x 61.2
RMS y 51.54
side N [adc counts]
side P [adc counts]

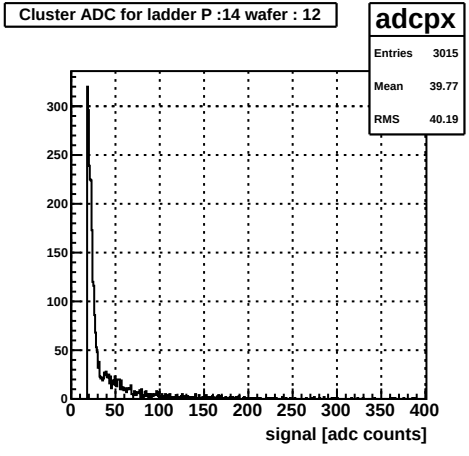

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 3088
Mean 48.87
RMS 50.1
signal [adc counts]

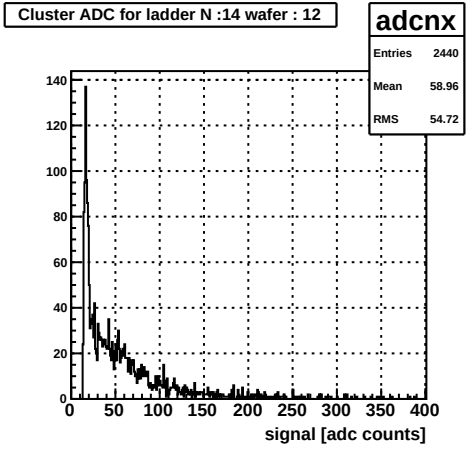

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 7009
Mean 31.95
RMS 34.39
signal [adc counts]

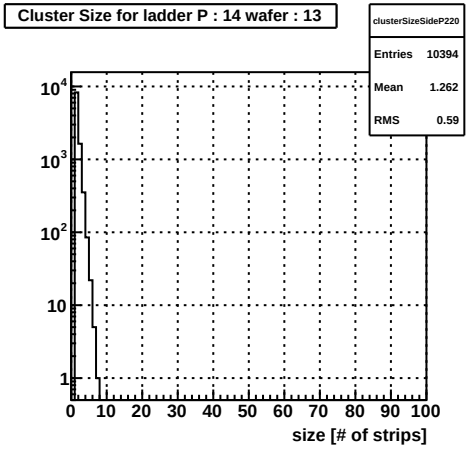

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 3015
Mean 1.144
RMS 0.4419
size [# of strips]

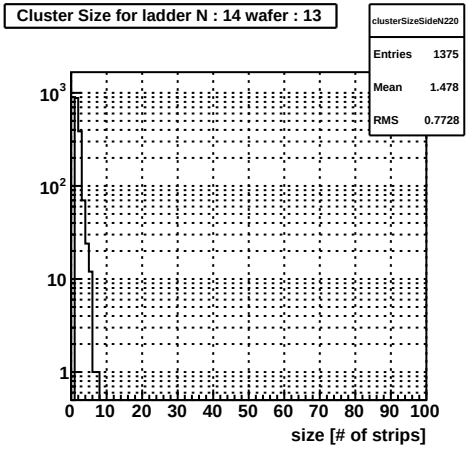

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 2440
Mean 1.414
RMS 0.71
size [# of strips]

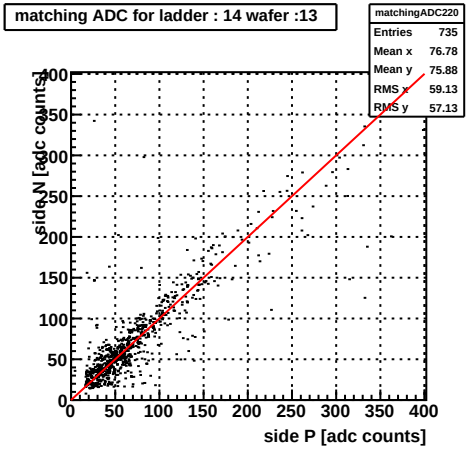

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 1029
Mean x 76.35
Mean y 79.91
RMS x 60.16
RMS y 58.19
side N [adc counts]
side P [adc counts]

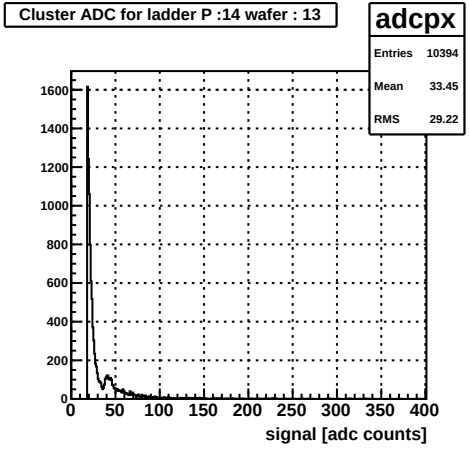

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 3015
Mean 39.77
RMS 40.19
signal [adc counts]

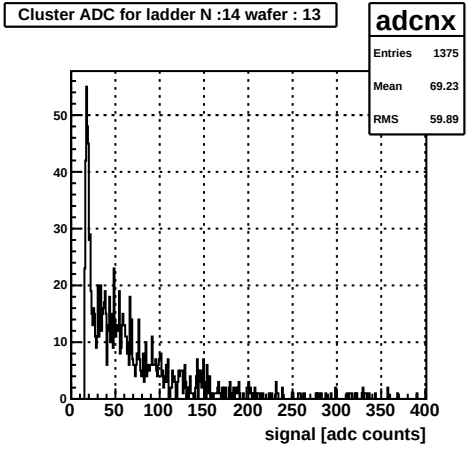

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 2440
Mean 58.96
RMS 54.72
signal [adc counts]

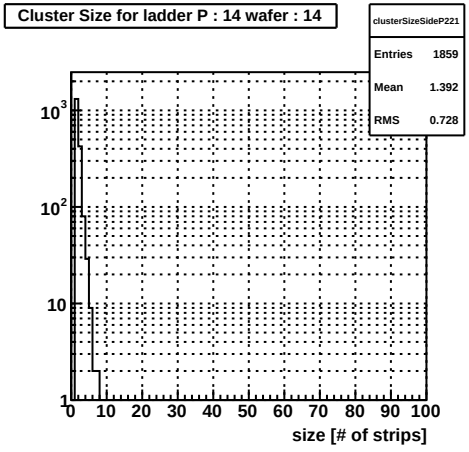

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 10394
Mean 1.262
RMS 0.59
size [# of strips]

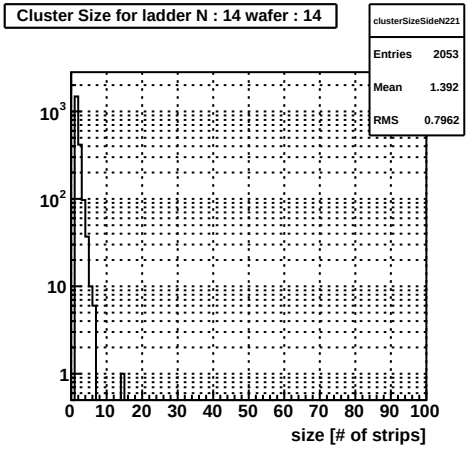

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 1375
Mean 1.478
RMS 0.7728
size [# of strips]

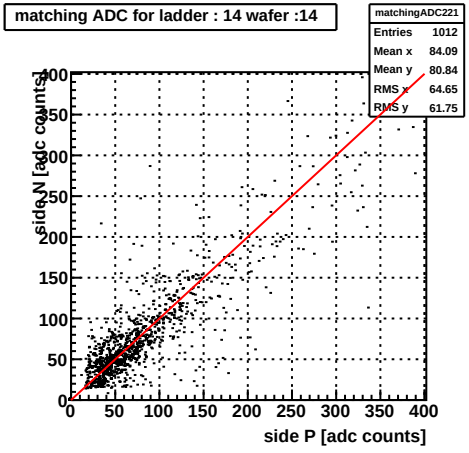

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 735
Mean x 76.78
Mean y 75.88
RMS x 59.13
RMS y 57.13
side N [adc counts]
side P [adc counts]

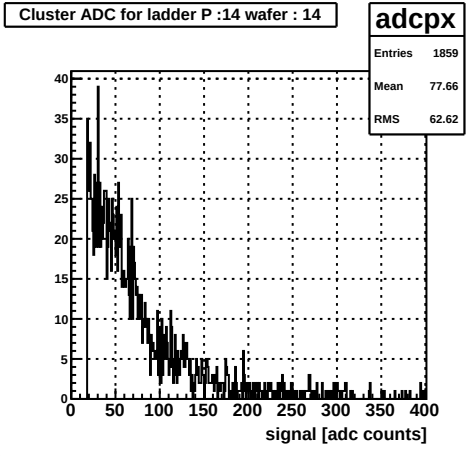

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 10394
Mean 33.45
RMS 29.22
signal [adc counts]

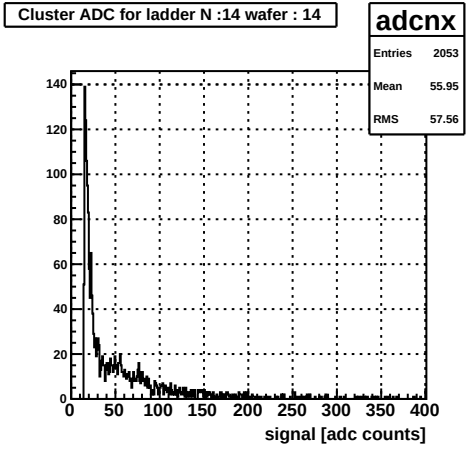

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 1375
Mean 69.23
RMS 59.89
signal [adc counts]

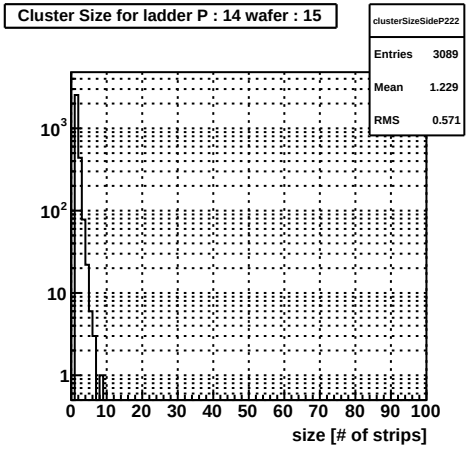

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 1859
Mean 1.392
RMS 0.728
size [# of strips]

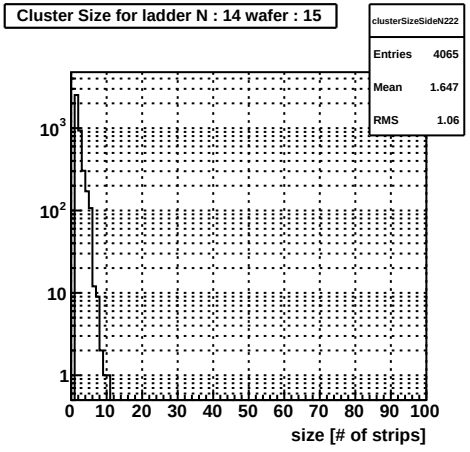

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 2053
Mean 1.392
RMS 0.7962
size [# of strips]

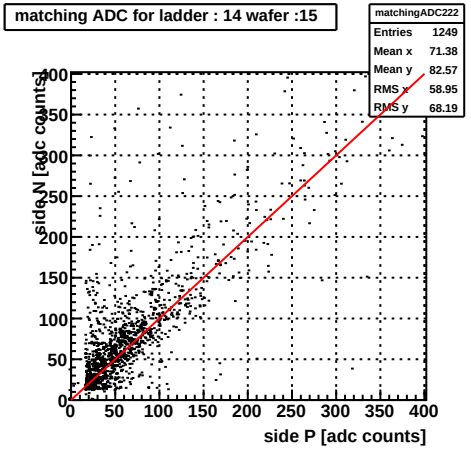

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 1012
Mean x 84.09
Mean y 80.84
RMS x 64.65
RMS y 61.75
side N [adc counts]
side P [adc counts]

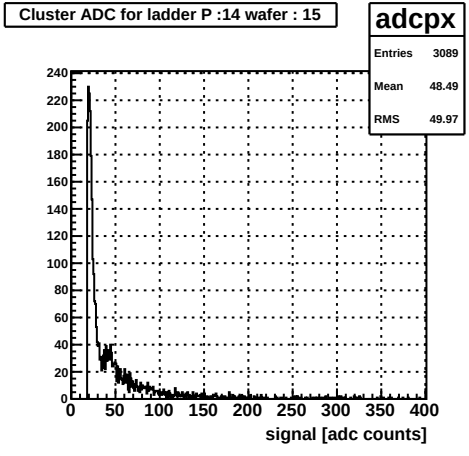

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 1859
Mean 77.66
RMS 62.62
signal [adc counts]

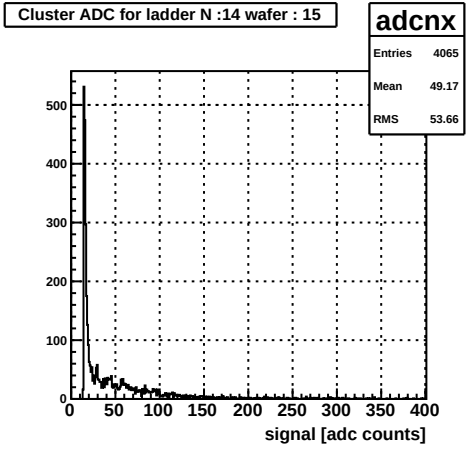

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 2053
Mean 55.95
RMS 57.56
signal [adc counts]

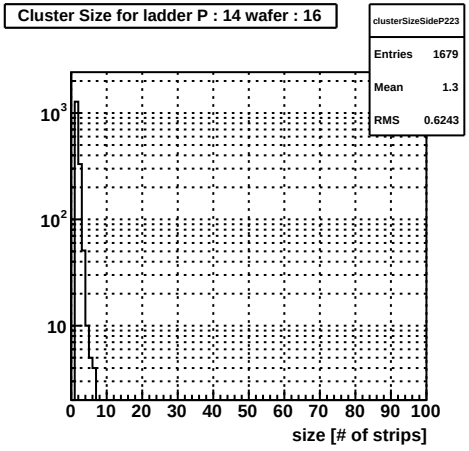

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 3089
Mean 1.229
RMS 0.571
size [# of strips]

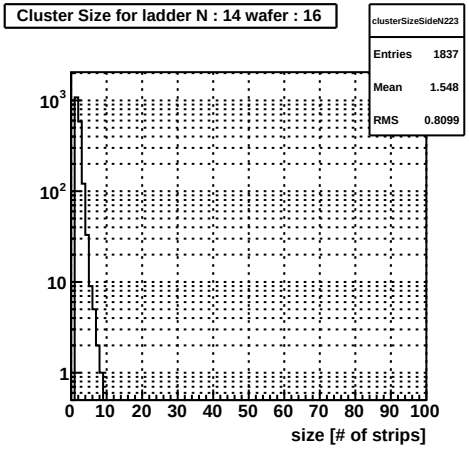

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 4065
Mean 1.647
RMS 1.06
size [# of strips]

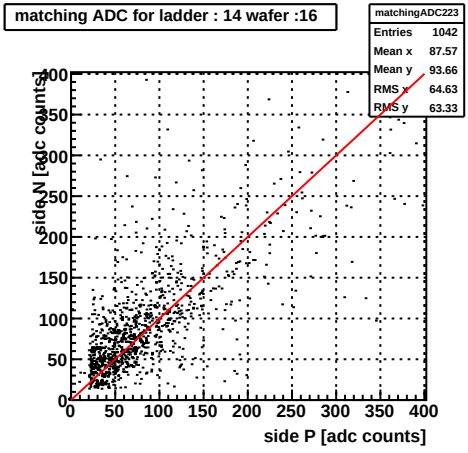

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 1249
Mean x 71.38
Mean y 82.57
RMS x 58.95
RMS y 68.19
side N [adc counts]
side P [adc counts]

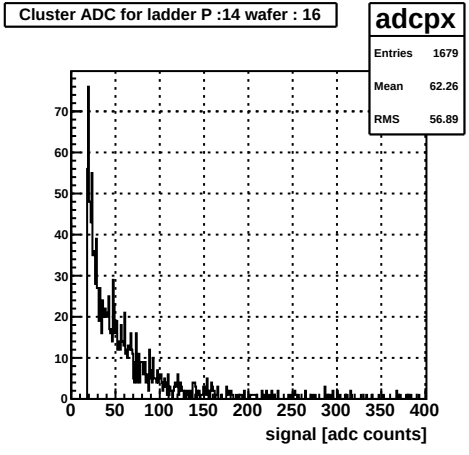

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 3089
Mean 48.49
RMS 49.97
signal [adc counts]

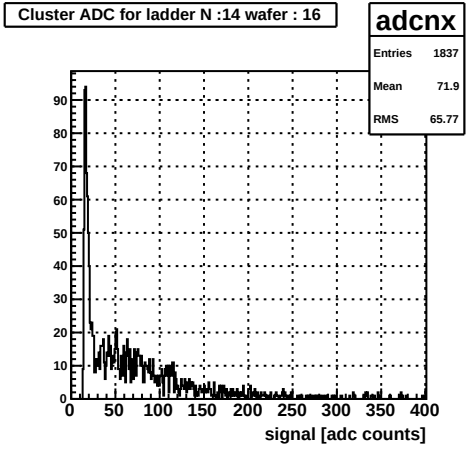

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 4065
Mean 49.17
RMS 53.66
signal [adc counts]

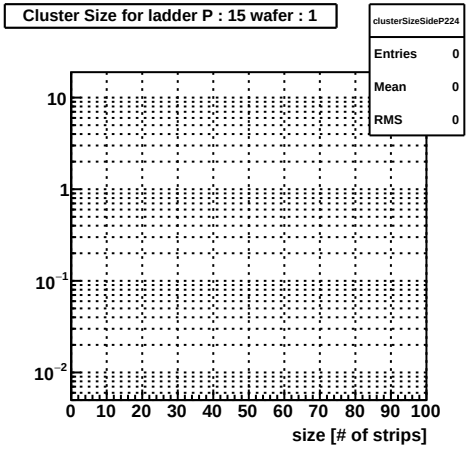

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 1679
Mean 1.3
RMS 0.6243
size [# of strips]

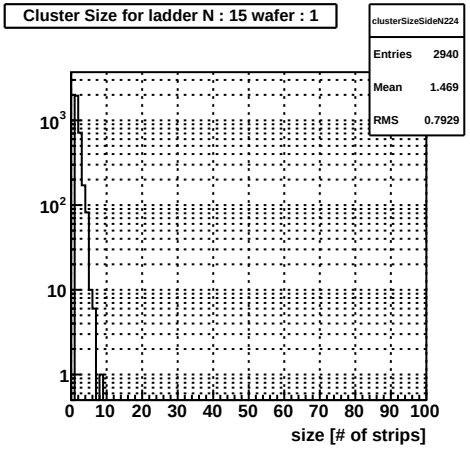

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1837
Mean 1.548
RMS 0.8099
size [# of strips]

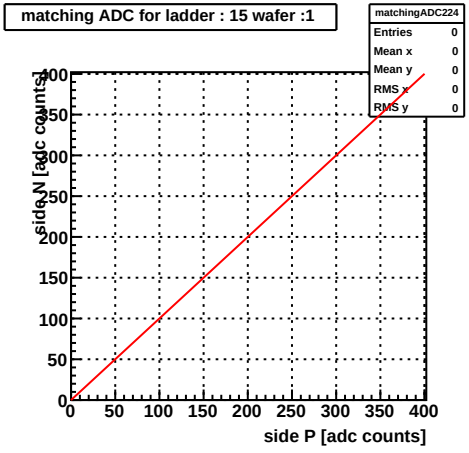

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 1042
Mean x 87.57
Mean y 93.66
RMS x 64.63
RMS y 63.33
side N [adc counts]
side P [adc counts]

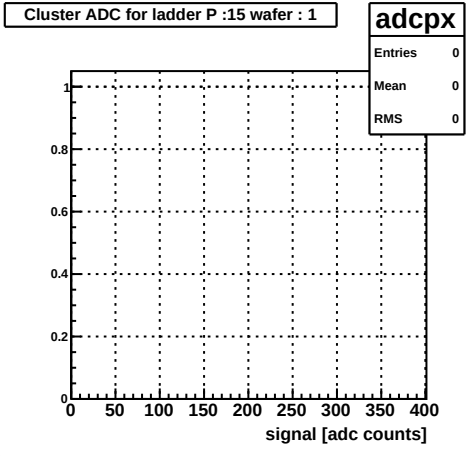

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 1679
Mean 62.26
RMS 56.89
signal [adc counts]

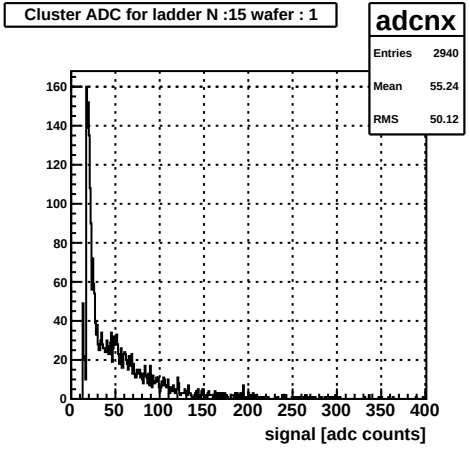

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1837
Mean 71.9
RMS 65.77
signal [adc counts]

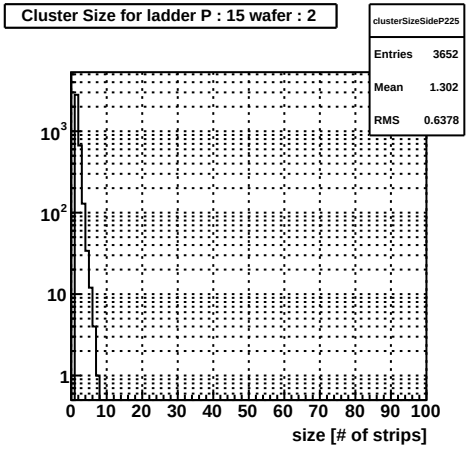

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

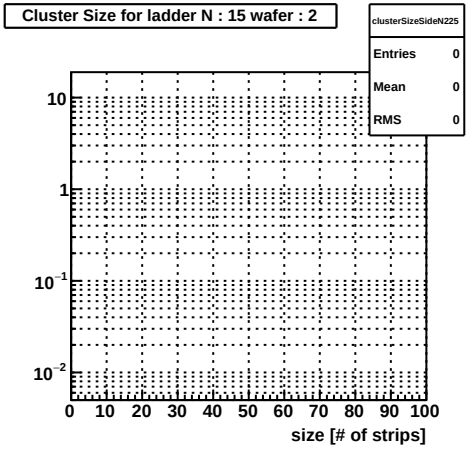

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 2940
Mean 1.469
RMS 0.7929
size [# of strips]

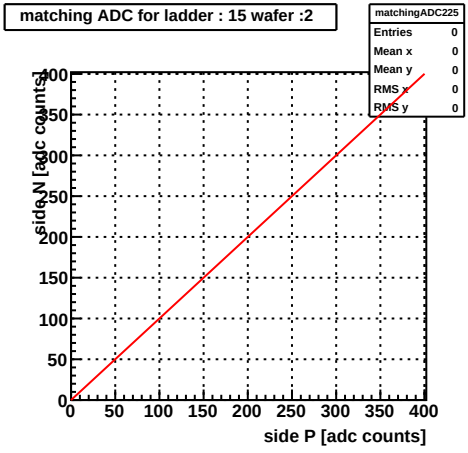

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

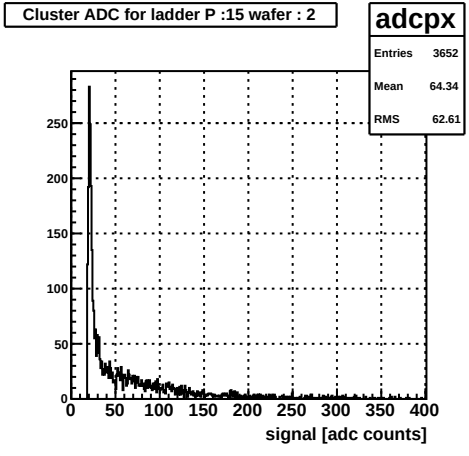

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

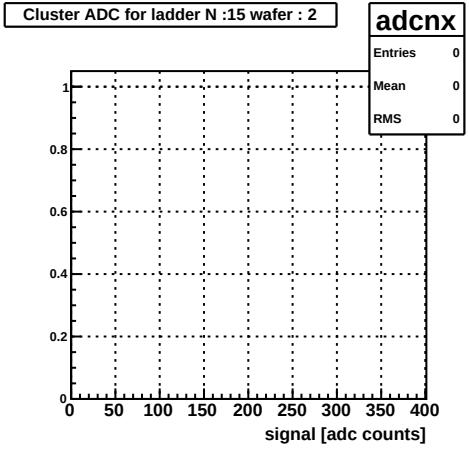

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 2940
Mean 55.24
RMS 50.12
signal [adc counts]

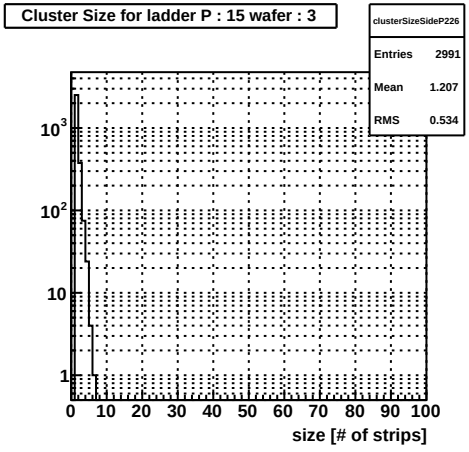

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3652
Mean 1.302
RMS 0.6378
size [# of strips]

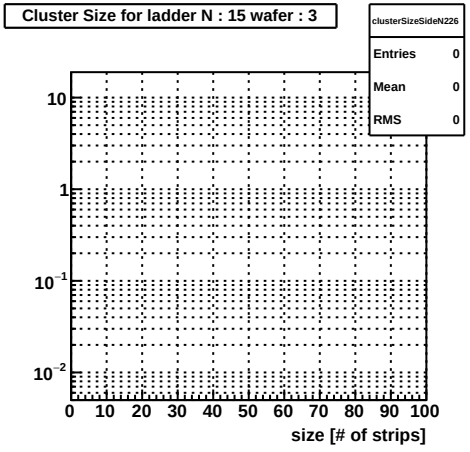

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

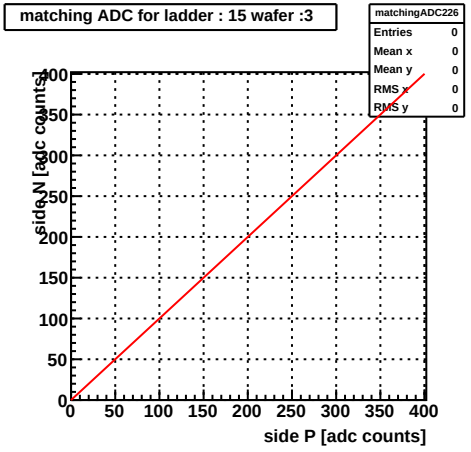

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

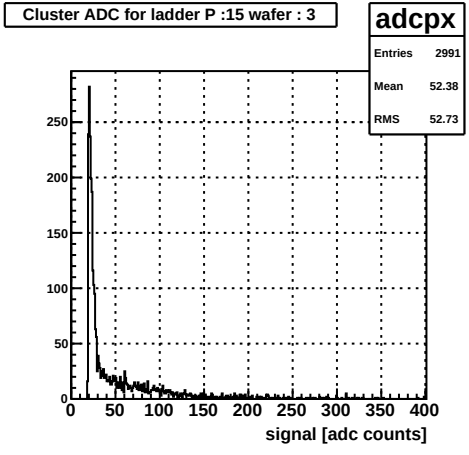

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3652
Mean 64.34
RMS 62.61
signal [adc counts]

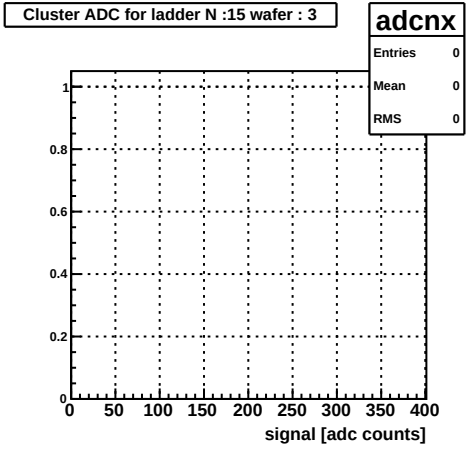

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

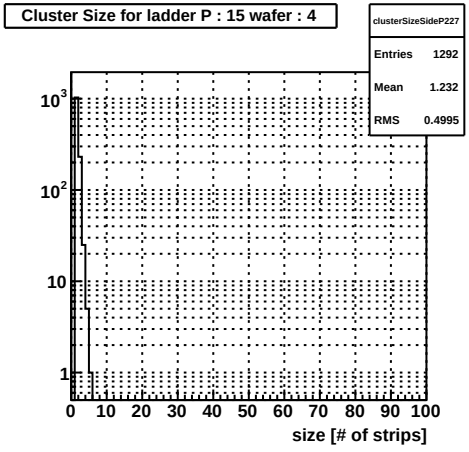

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2991
Mean 1.207
RMS 0.534
size [# of strips]

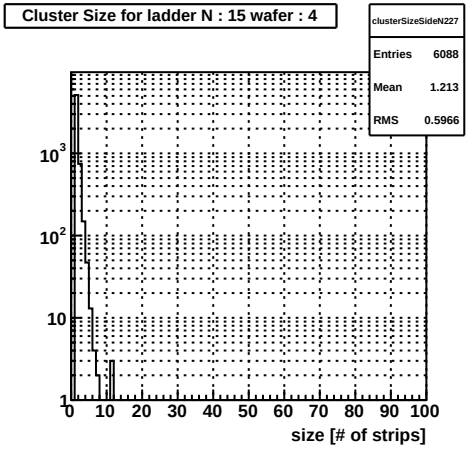

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

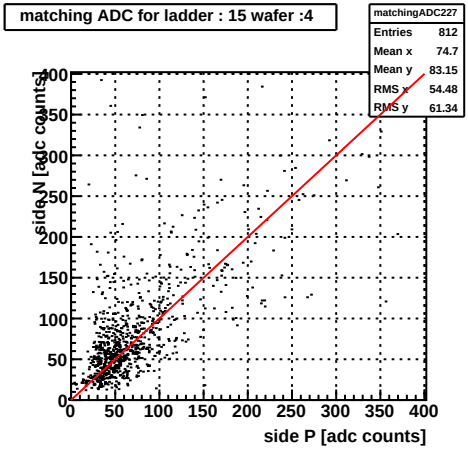

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

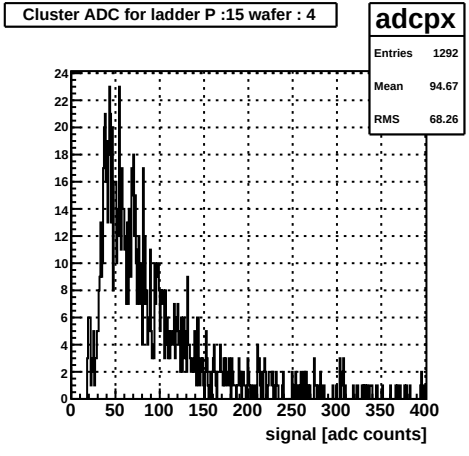

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2991
Mean 52.38
RMS 52.73
signal [adc counts]

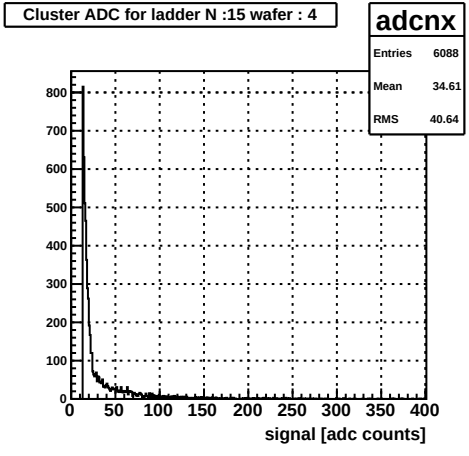

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

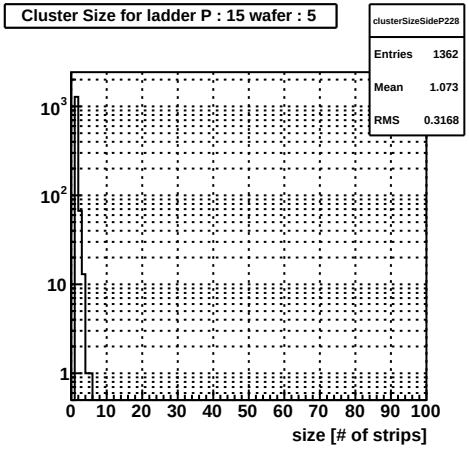

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 1292
Mean 1.232
RMS 0.4995
size [# of strips]

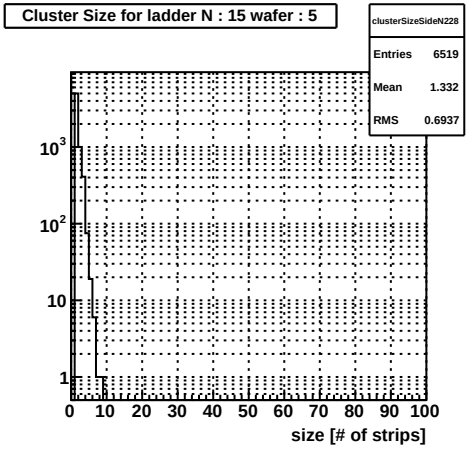

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 6088
Mean 1.213
RMS 0.5966
size [# of strips]

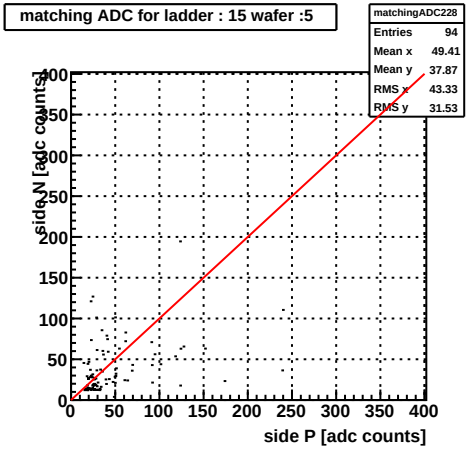

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 812
Mean x 74.7
Mean y 83.15
RMS x 54.48
RMS y 61.34
side N [adc counts]
side P [adc counts]

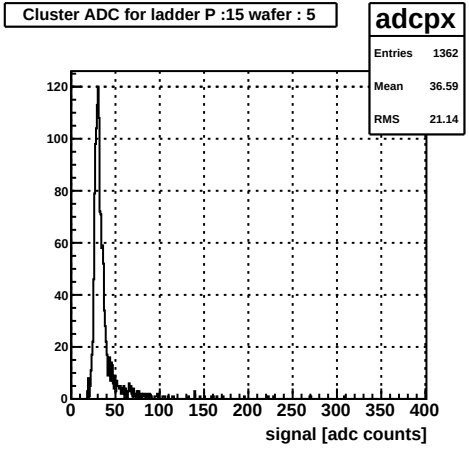

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 1292
Mean 94.67
RMS 68.26
signal [adc counts]

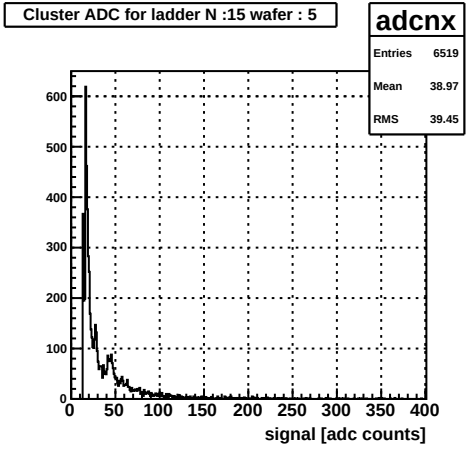

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 6088
Mean 34.61
RMS 40.64
signal [adc counts]

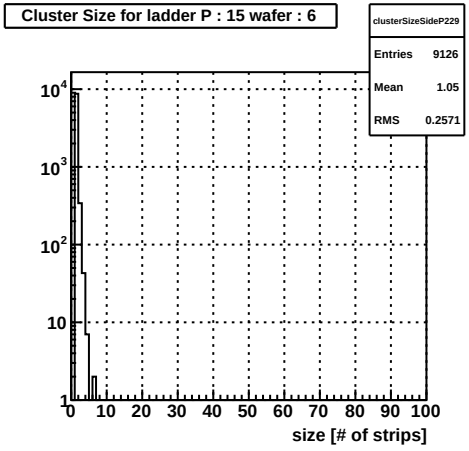

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1362
Mean 1.073
RMS 0.3168
size [# of strips]

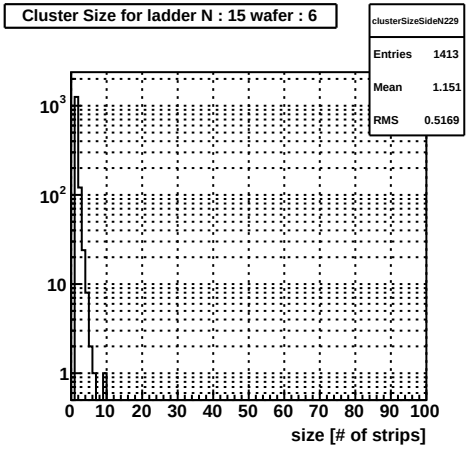

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 6519
Mean 1.332
RMS 0.6937
size [# of strips]

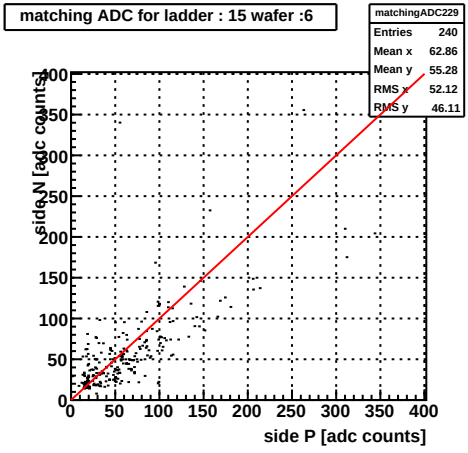

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 94
Mean x 49.41
Mean y 37.87
RMS x 43.33
RMS y 31.53
side N [adc counts]
side P [adc counts]

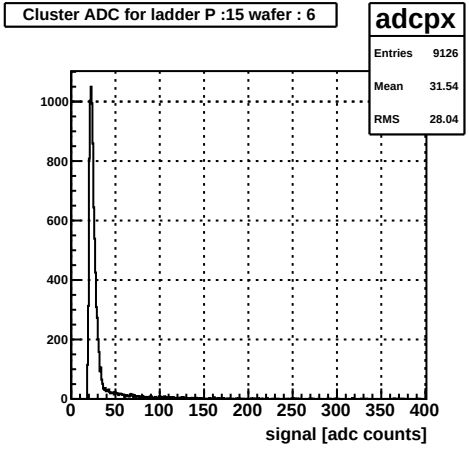

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1362
Mean 36.59
RMS 21.14
signal [adc counts]

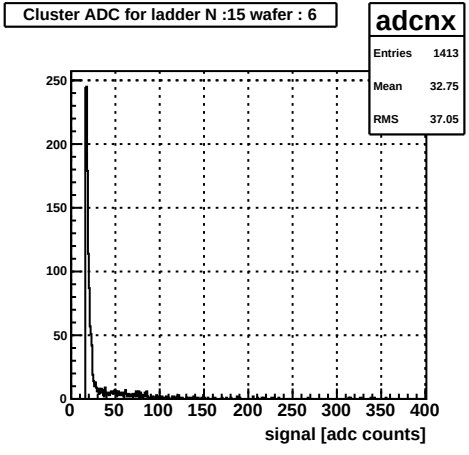

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 6519
Mean 38.97
RMS 39.45
signal [adc counts]

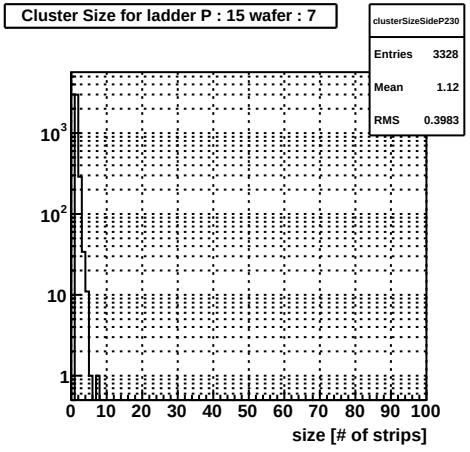

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 9126
Mean 1.05
RMS 0.2571
size [# of strips]

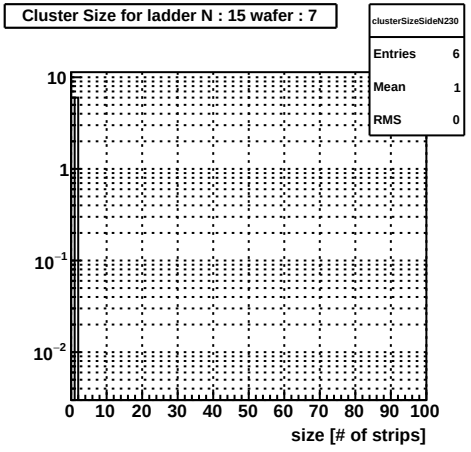

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1413
Mean 1.151
RMS 0.5169
size [# of strips]

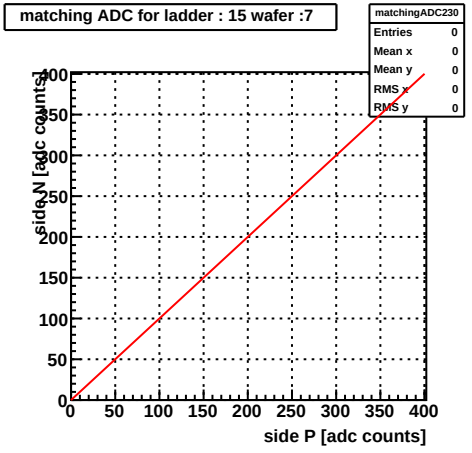

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 240
Mean x 62.86
Mean y 55.28
RMS x 52.12
RMS y 46.11
side N [adc counts]
side P [adc counts]

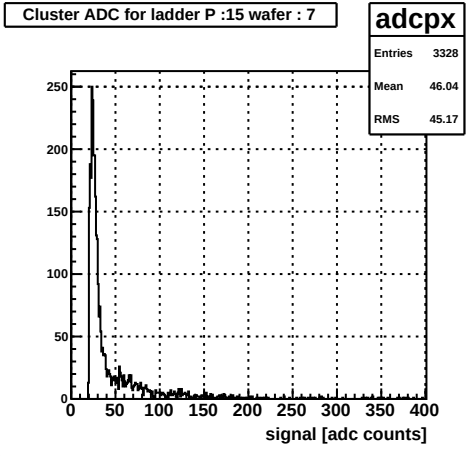

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 9126
Mean 31.54
RMS 28.04
signal [adc counts]

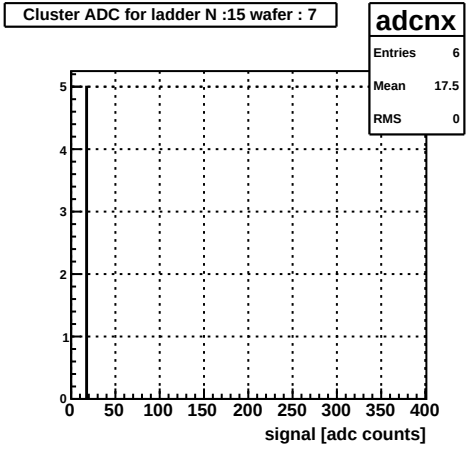

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1413
Mean 32.75
RMS 37.05
signal [adc counts]

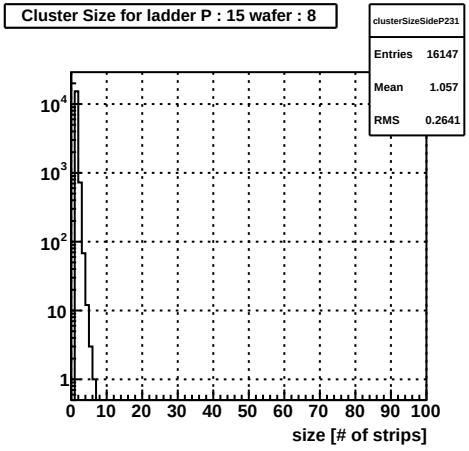

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 3328
Mean 1.12
RMS 0.3983
size [# of strips]

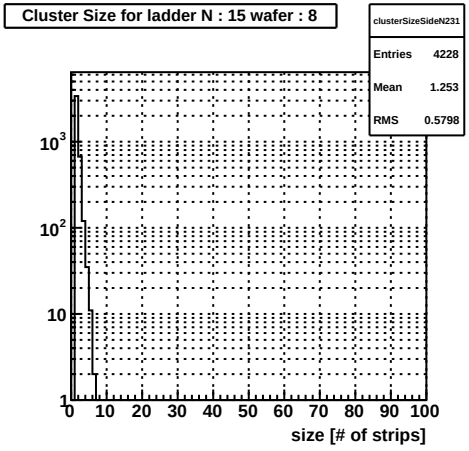

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 6
Mean 1
RMS 0
size [# of strips]

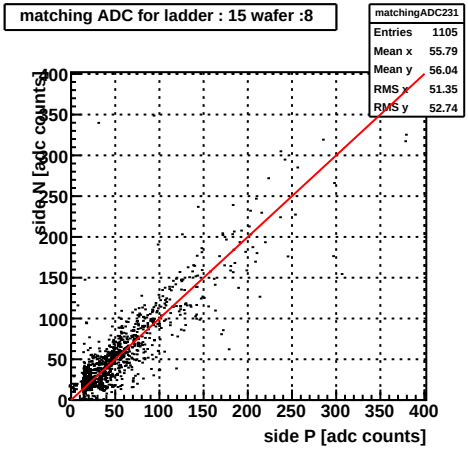

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

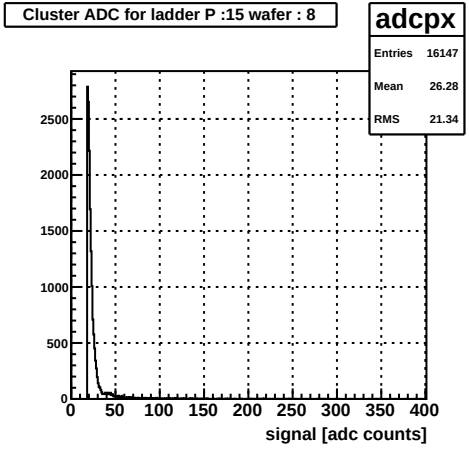

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 3328
Mean 46.04
RMS 45.17
signal [adc counts]

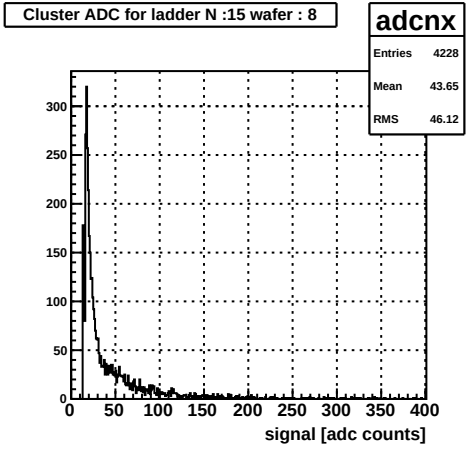

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 6
Mean 17.5
RMS 0
signal [adc counts]

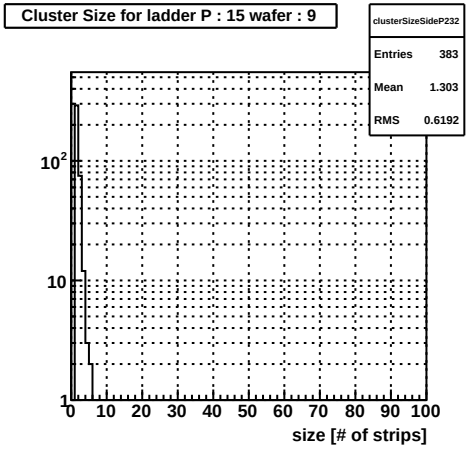

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 16147
Mean 1.057
RMS 0.2641
size [# of strips]

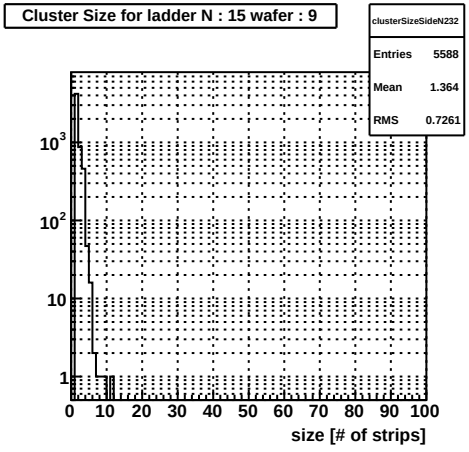

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 4228
Mean 1.253
RMS 0.5798
size [# of strips]

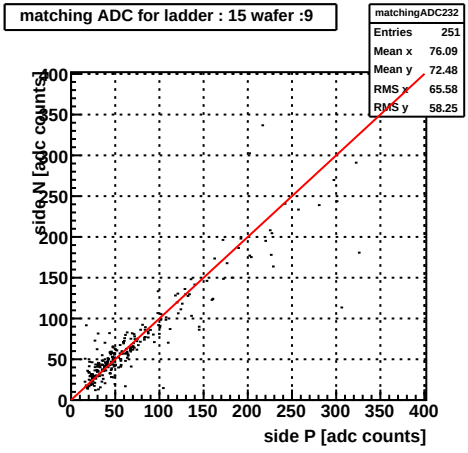

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 1105
Mean x 55.79
Mean y 56.04
RMS x 51.35
RMS y 52.74
side N [adc counts]
side P [adc counts]

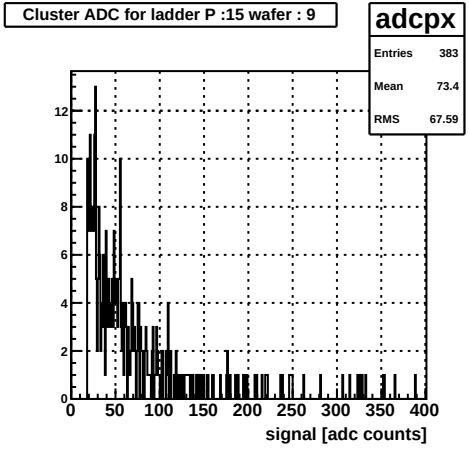

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 16147
Mean 26.28
RMS 21.34
signal [adc counts]

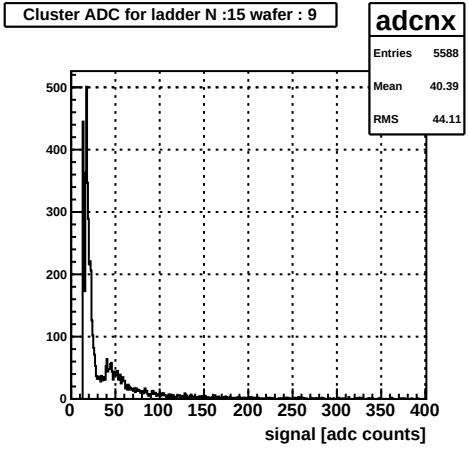

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 4228
Mean 43.65
RMS 46.12
signal [adc counts]

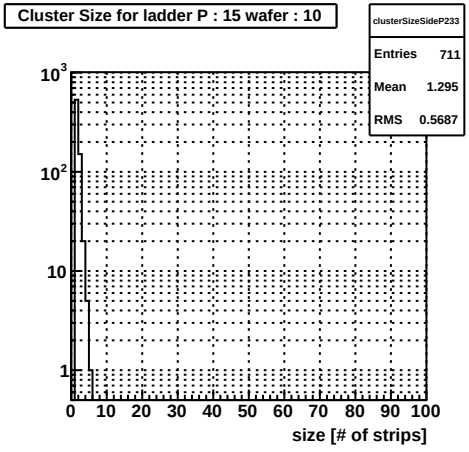

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 383
Mean 1.303
RMS 0.6192
size [# of strips]

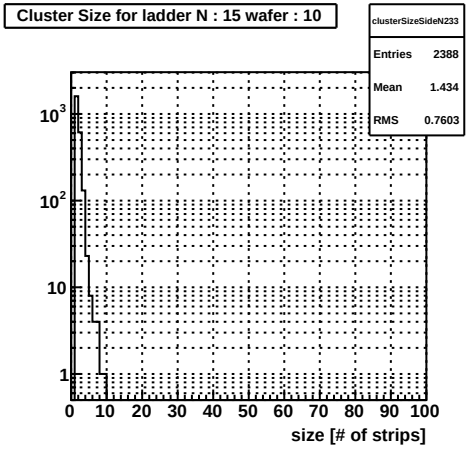

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 5588
Mean 1.364
RMS 0.7261
size [# of strips]

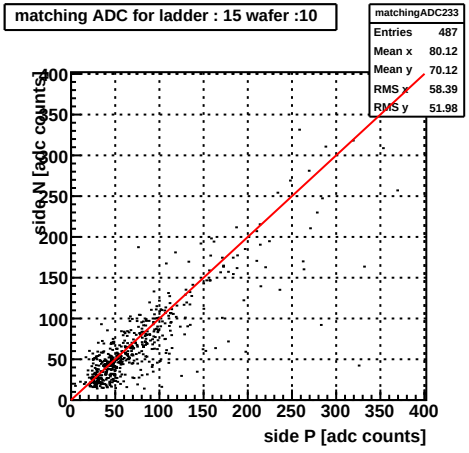

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 251
Mean x 76.09
Mean y 72.48
RMS x 65.58
RMS y 58.25
side N [adc counts]
side P [adc counts]

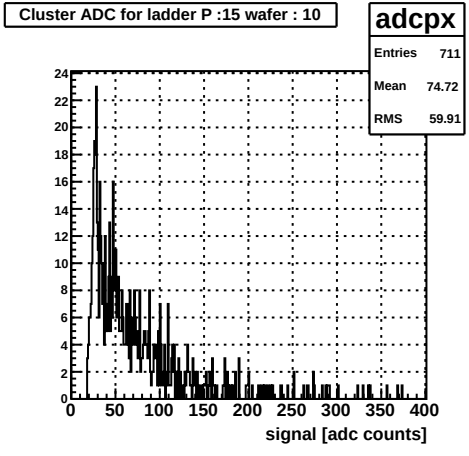

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 383
Mean 73.4
RMS 67.59
signal [adc counts]

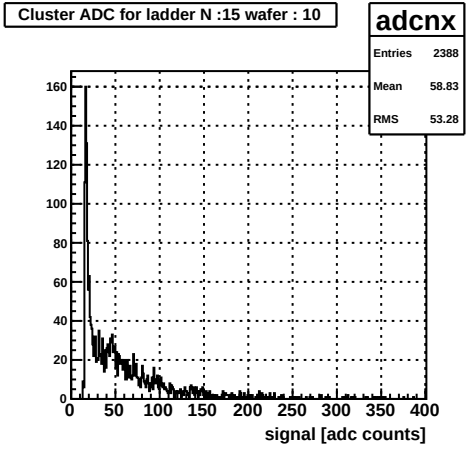

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 5588
Mean 40.39
RMS 44.11
signal [adc counts]

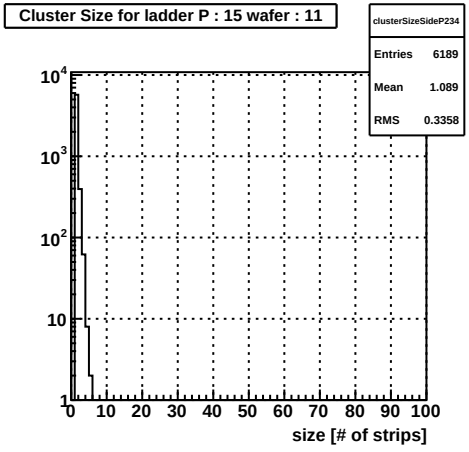

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 711
Mean 1.295
RMS 0.5687
size [# of strips]

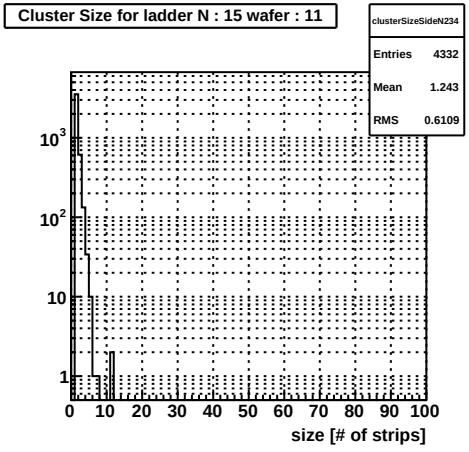

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 2388
Mean 1.434
RMS 0.7603
size [# of strips]

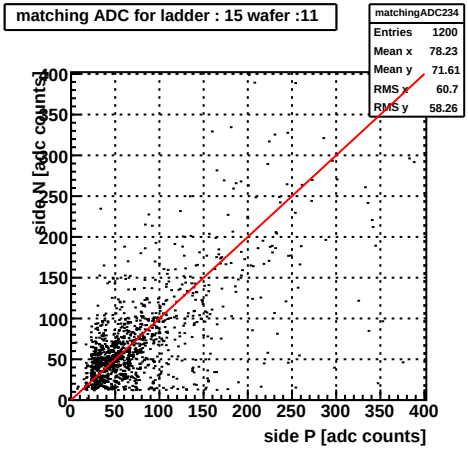

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 487
Mean x 80.12
Mean y 70.12
RMS x 58.39
RMS y 51.98
side N [adc counts]
side P [adc counts]

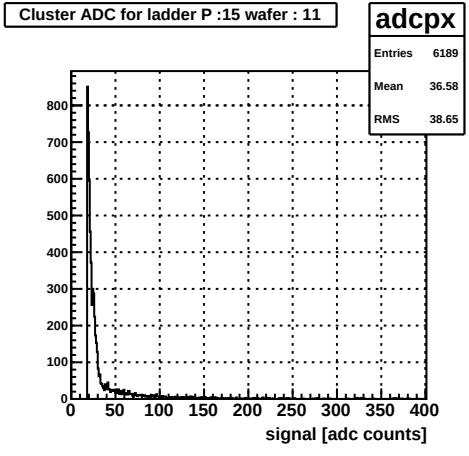

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 711
Mean 74.72
RMS 59.91
signal [adc counts]

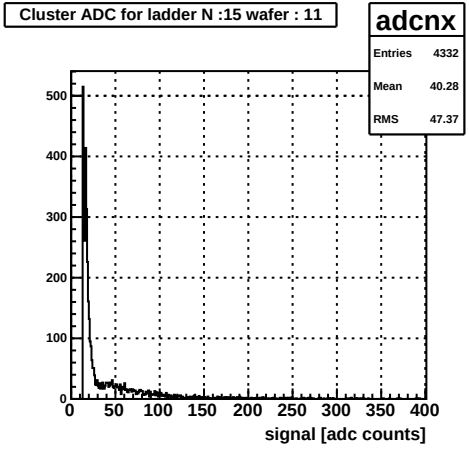

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 2388
Mean 58.83
RMS 53.28
signal [adc counts]

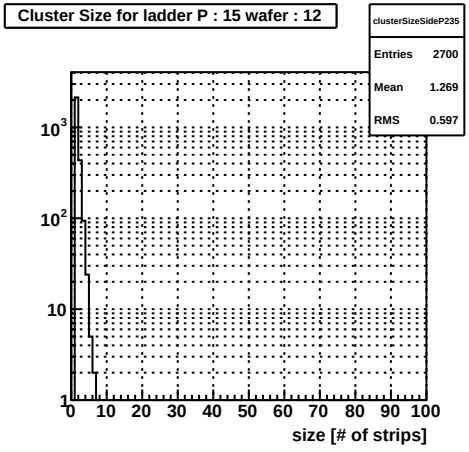

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 6189
Mean 1.089
RMS 0.3358
size [# of strips]

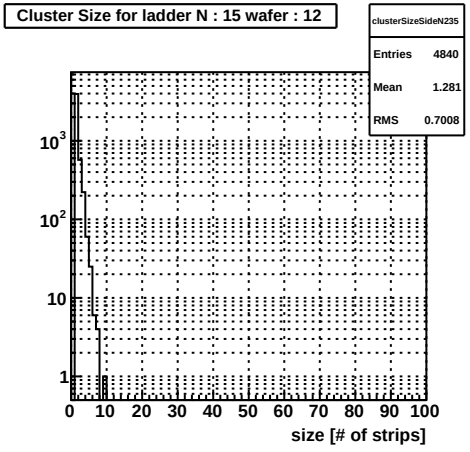

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 4332
Mean 1.243
RMS 0.6109
size [# of strips]

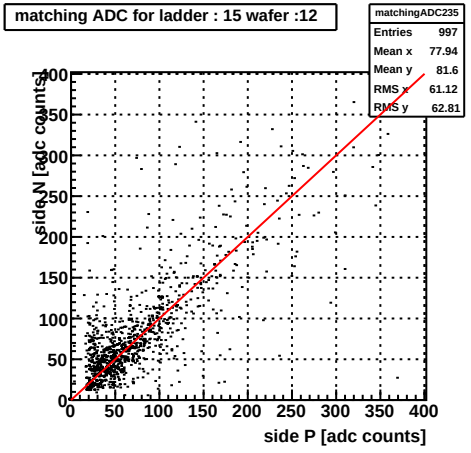

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 1200
Mean x 78.23
Mean y 71.61
RMS x 60.7
RMS y 58.26
side N [adc counts]
side P [adc counts]

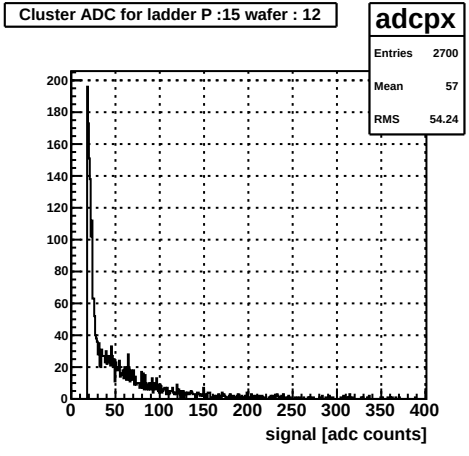

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 6189
Mean 36.58
RMS 38.65
signal [adc counts]

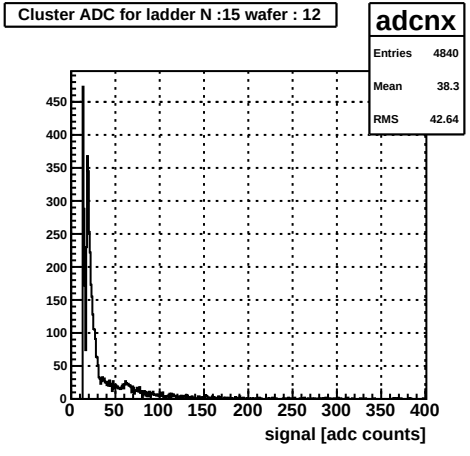

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 4332
Mean 40.28
RMS 47.37
signal [adc counts]

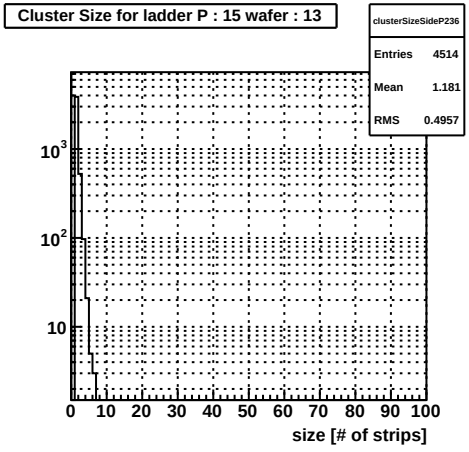

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 2700
Mean 1.269
RMS 0.597
size [# of strips]

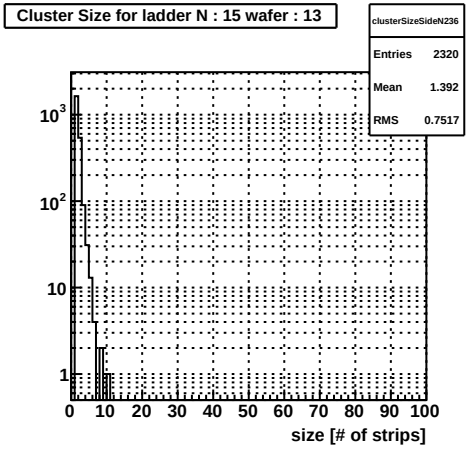

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 4840
Mean 1.281
RMS 0.7008
size [# of strips]

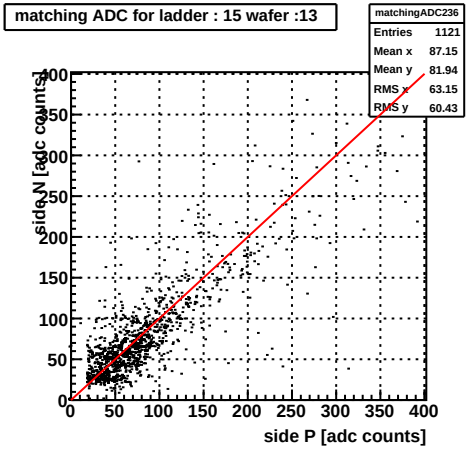

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 997
Mean x 77.94
Mean y 81.6
RMS x 61.12
RMS y 62.81
side N [adc counts]
side P [adc counts]

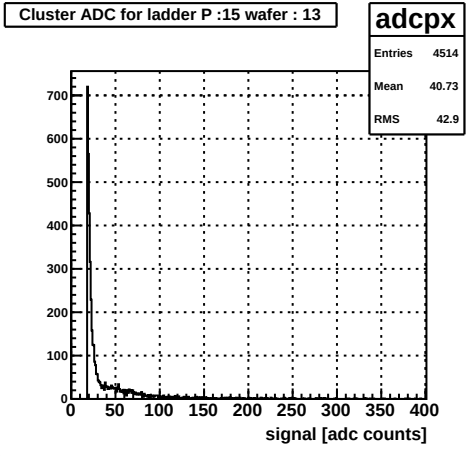

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 2700
Mean 57
RMS 54.24
signal [adc counts]

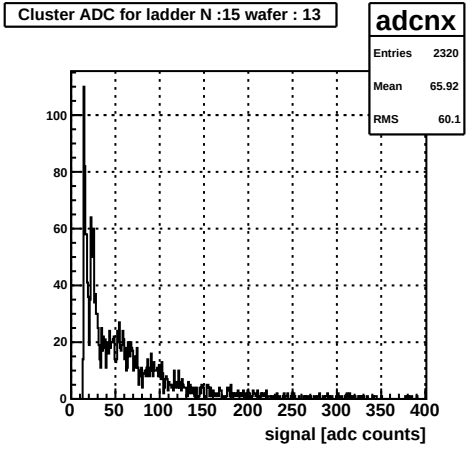

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 4840
Mean 38.3
RMS 42.64
signal [adc counts]

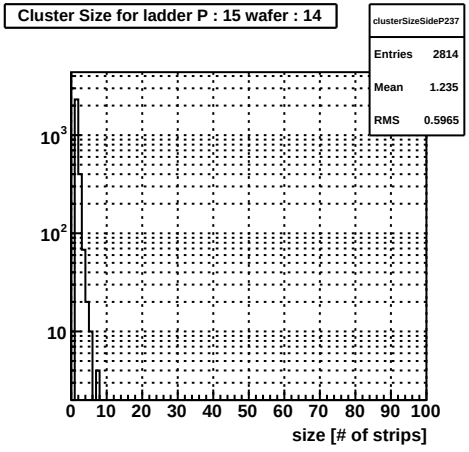

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 4514
Mean 1.181
RMS 0.4957
size [# of strips]

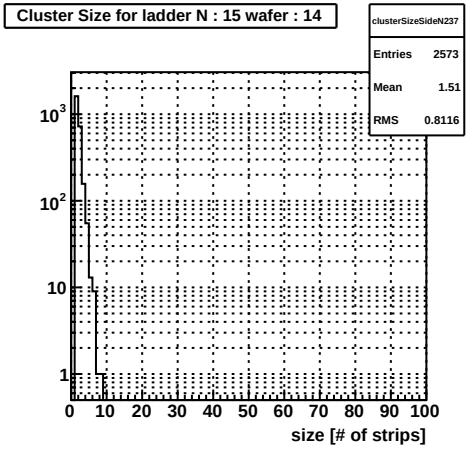

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 2320
Mean 1.392
RMS 0.7517
size [# of strips]

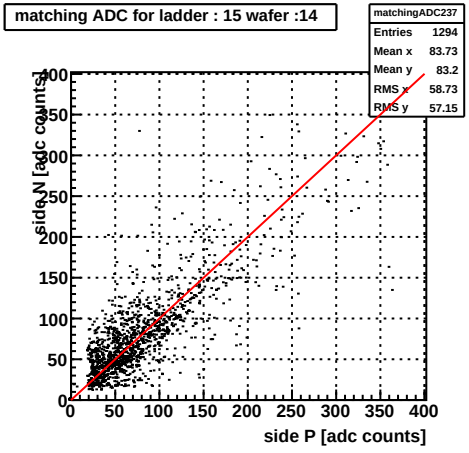

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 1121
Mean x 87.15
Mean y 81.94
RMS x 63.15
RMS y 60.43
side N [adc counts]
side P [adc counts]

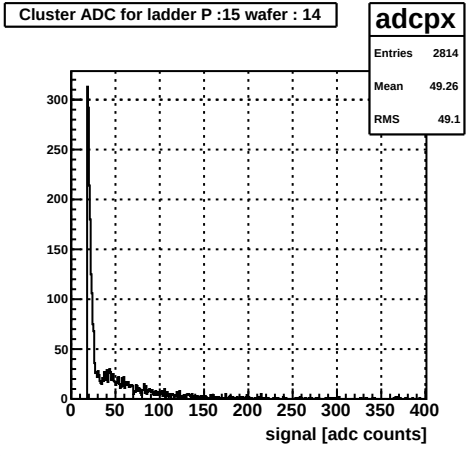

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 4514
Mean 40.73
RMS 42.9
signal [adc counts]

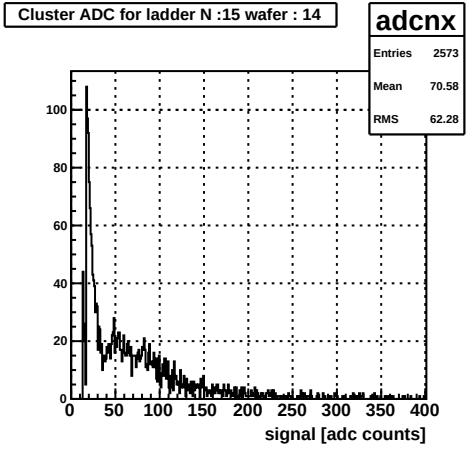

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 2320
Mean 65.92
RMS 60.1
signal [adc counts]

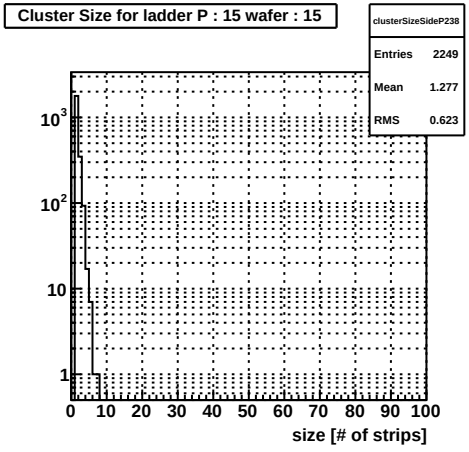

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 2814
Mean 1.235
RMS 0.5965
size [# of strips]

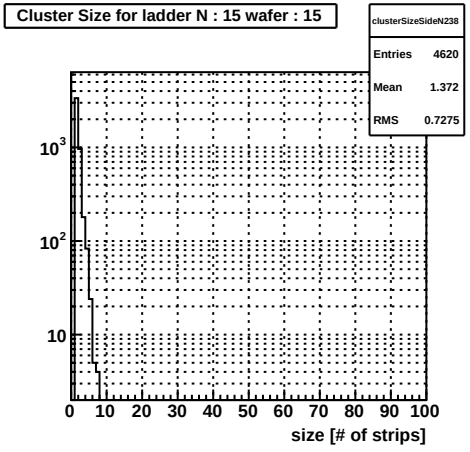

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 2573
Mean 1.51
RMS 0.8116
size [# of strips]

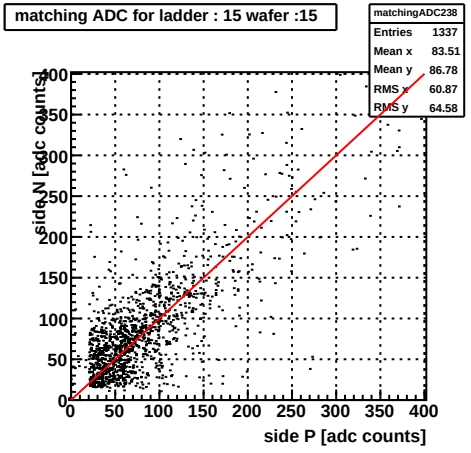

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 1294
Mean x 83.73
Mean y 83.2
RMS x 58.73
RMS y 57.15
side N [adc counts]
side P [adc counts]

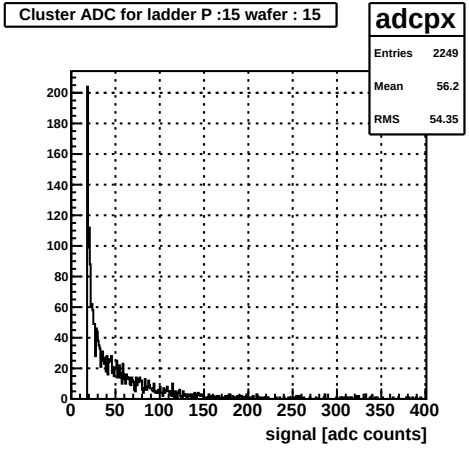

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 2814
Mean 49.26
RMS 49.1
signal [adc counts]

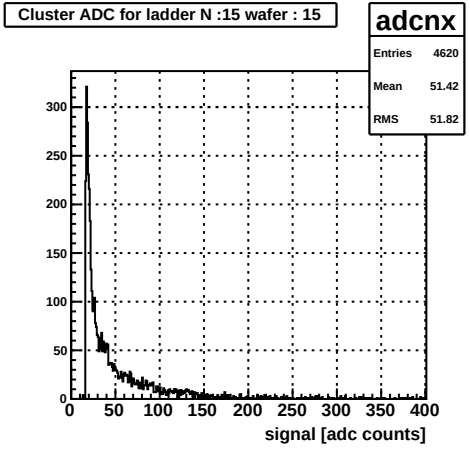

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 2573
Mean 70.58
RMS 62.28
signal [adc counts]

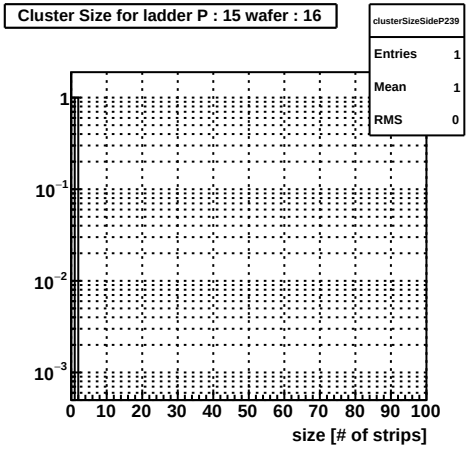

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 2249
Mean 1.277
RMS 0.623
size [# of strips]

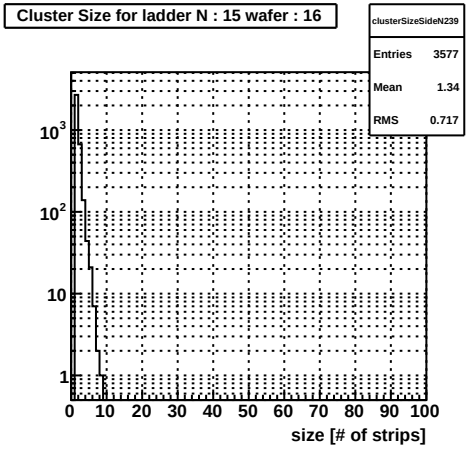

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4620
Mean 1.372
RMS 0.7275
size [# of strips]

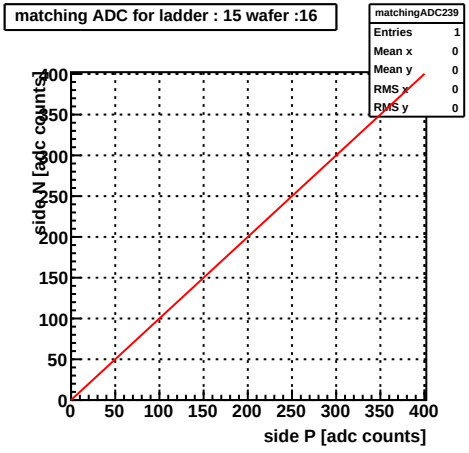

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 1337
Mean x 83.51
Mean y 86.78
RMS x 60.87
RMS y 64.58
side N [adc counts]
side P [adc counts]

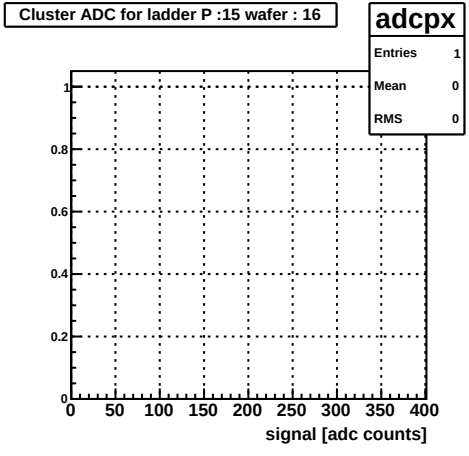

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 2249
Mean 56.2
RMS 54.35
signal [adc counts]

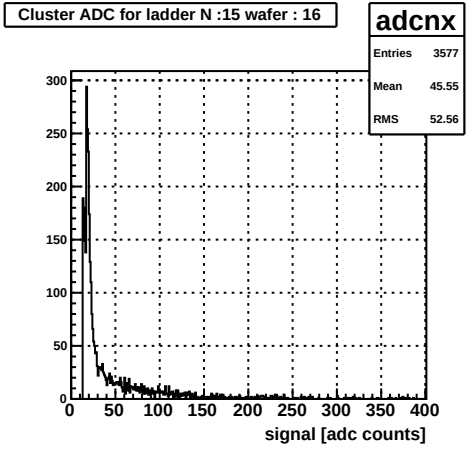

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4620
Mean 51.42
RMS 51.82
signal [adc counts]

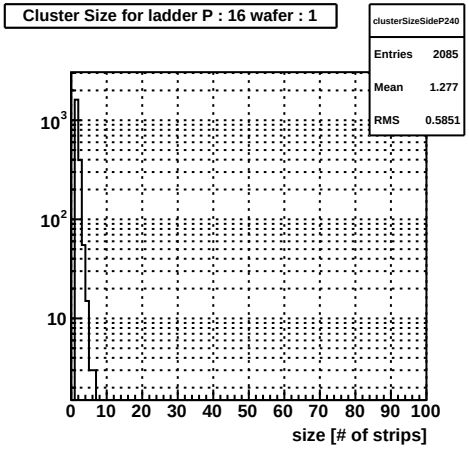

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 1
Mean 1
RMS 0
size [# of strips]

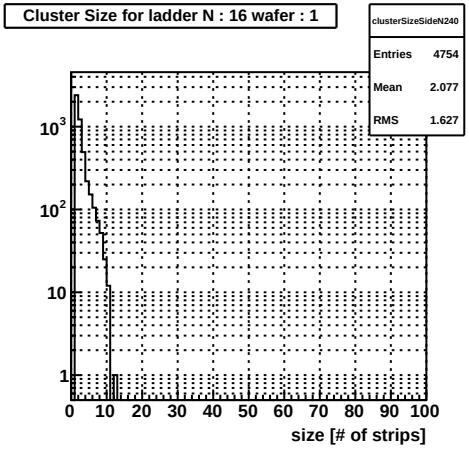

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 3577
Mean 1.34
RMS 0.717
size [# of strips]

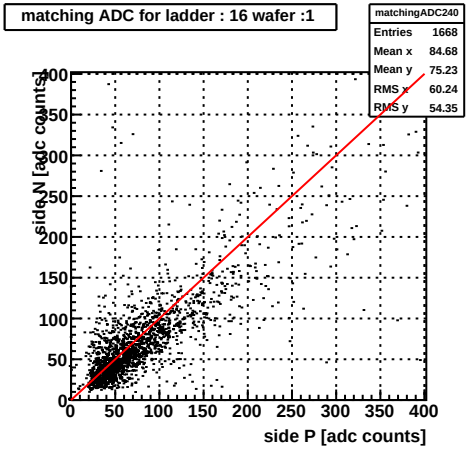

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

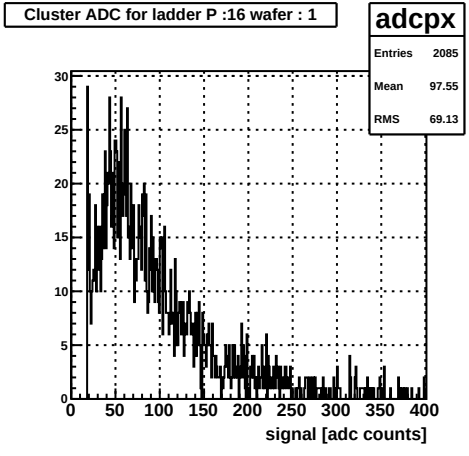

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

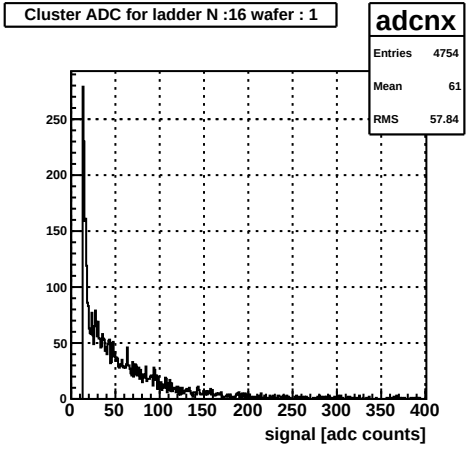

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 3577
Mean 45.55
RMS 52.56
signal [adc counts]

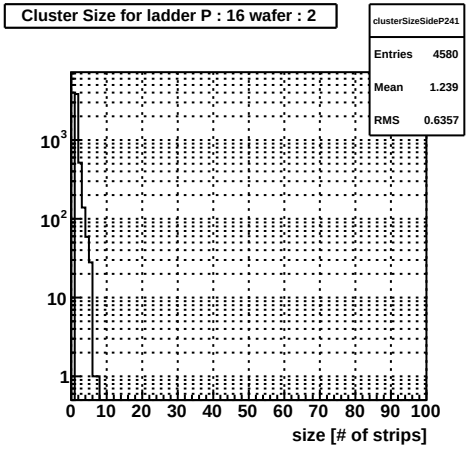

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 2085
Mean 1.277
RMS 0.5851
size [# of strips]

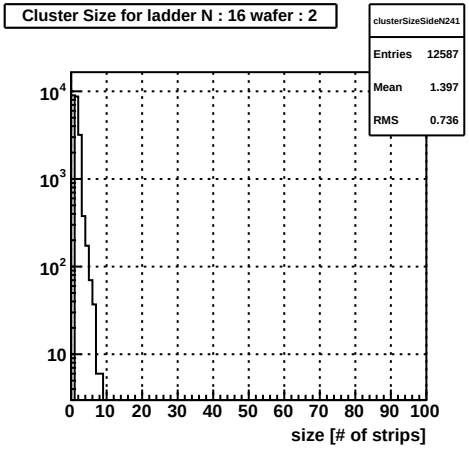

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 4754
Mean 2.077
RMS 1.627
size [# of strips]

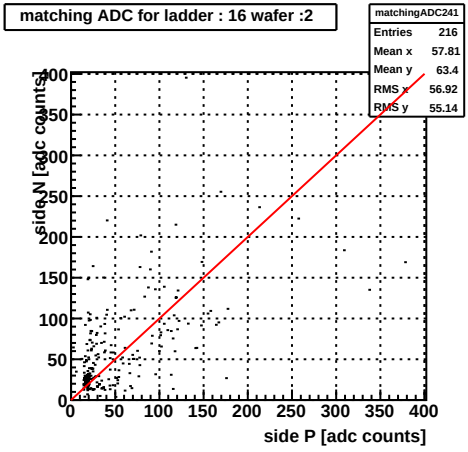

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 1668
Mean x 84.68
Mean y 75.23
RMS x 60.24
RMS y 54.35
side N [adc counts]
side P [adc counts]

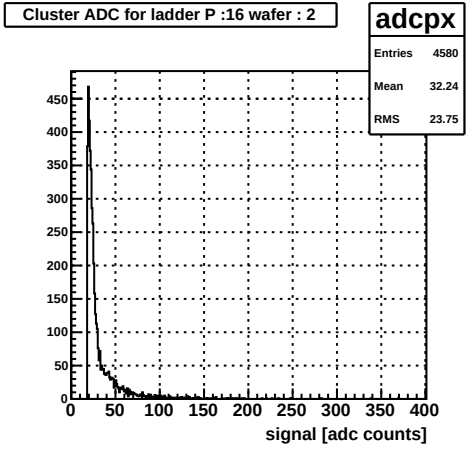

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 2085
Mean 97.55
RMS 69.13
signal [adc counts]

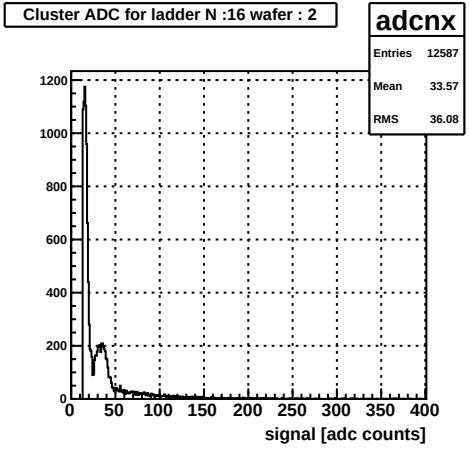

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 4754
Mean 61
RMS 57.84
signal [adc counts]

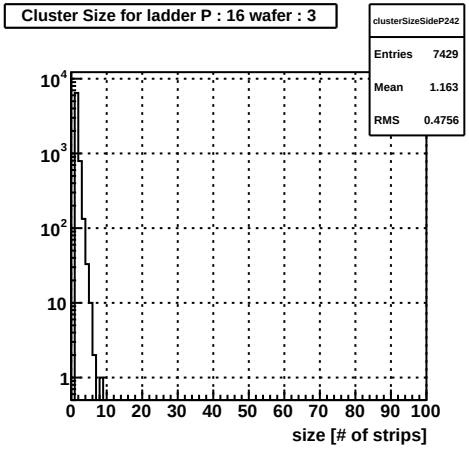

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 4580
Mean 1.239
RMS 0.6357
size [# of strips]

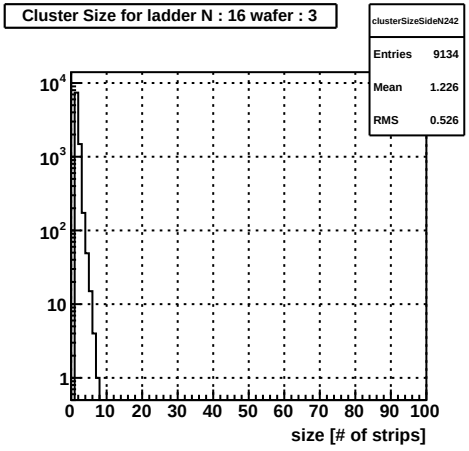

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 12587
Mean 1.397
RMS 0.736
size [# of strips]

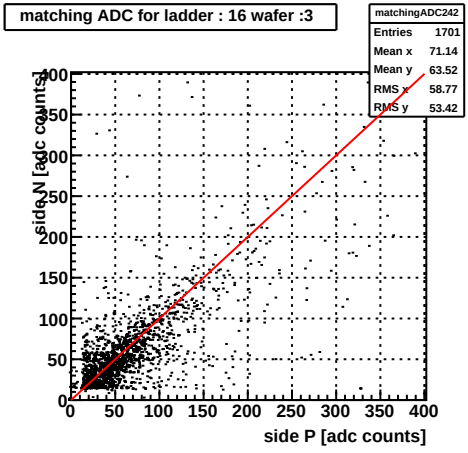

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 216
Mean x 57.81
Mean y 63.4
RMS x 56.92
RMS y 55.14
side N [adc counts]
side P [adc counts]

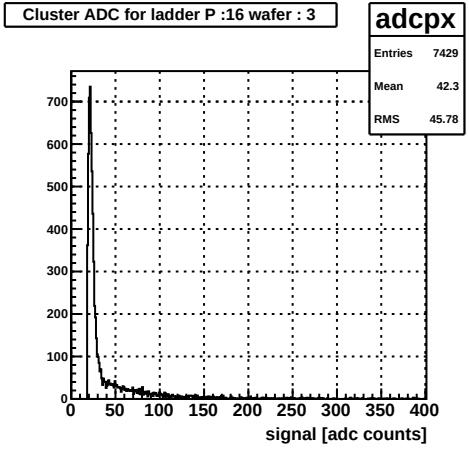

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 4580
Mean 32.24
RMS 23.75
signal [adc counts]

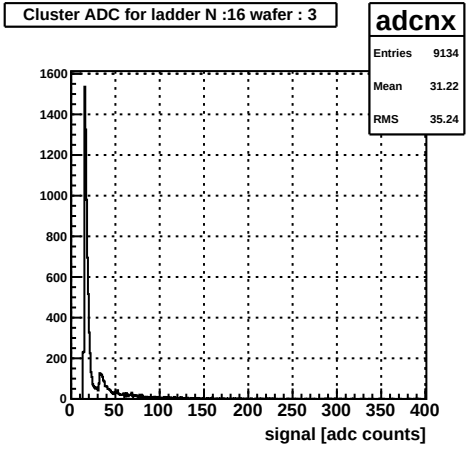

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 12587
Mean 33.57
RMS 36.08
signal [adc counts]

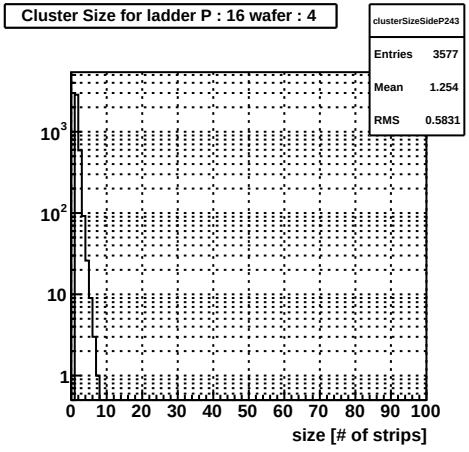

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 7429
Mean 1.163
RMS 0.4756
size [# of strips]

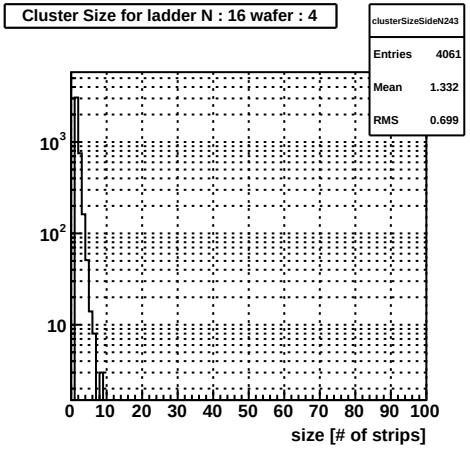

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 9134
Mean 1.226
RMS 0.526
size [# of strips]

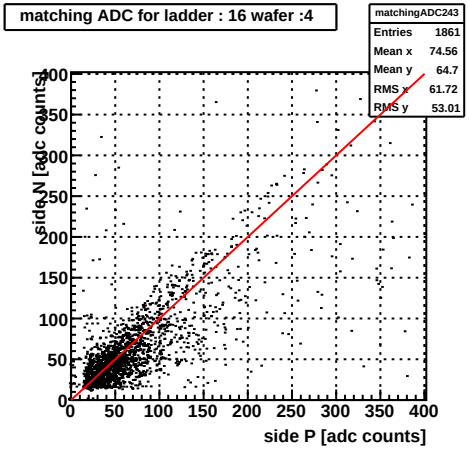

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 1701
Mean x 71.14
Mean y 63.52
RMS x 58.77
RMS y 53.42
side N [adc counts]
side P [adc counts]

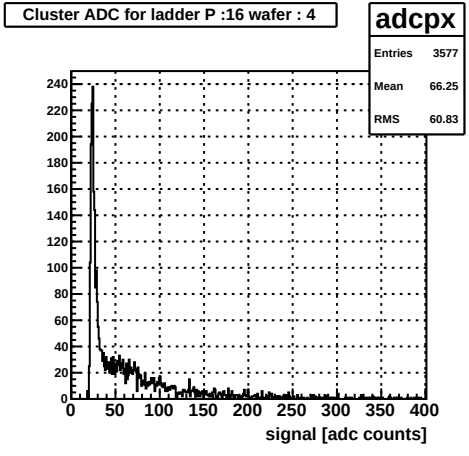

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 7429
Mean 42.3
RMS 45.78
signal [adc counts]

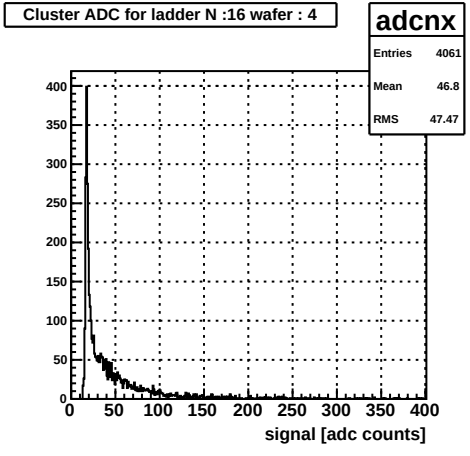

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 9134
Mean 31.22
RMS 35.24
signal [adc counts]

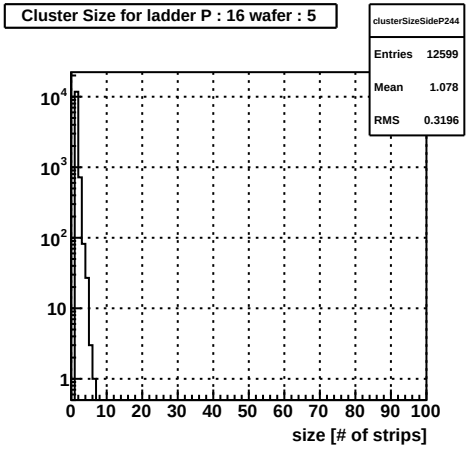

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3577
Mean 1.254
RMS 0.5831
size [# of strips]

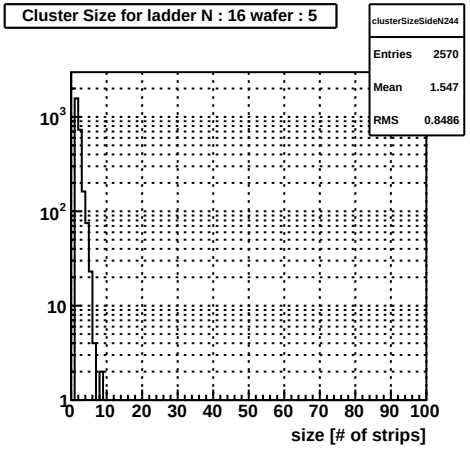

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 4061
Mean 1.332
RMS 0.699
size [# of strips]

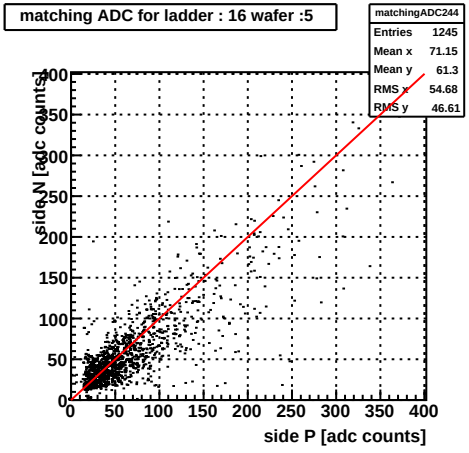

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 1861
Mean x 74.56
Mean y 64.7
RMS x 61.72
RMS y 53.01
side N [adc counts]
side P [adc counts]

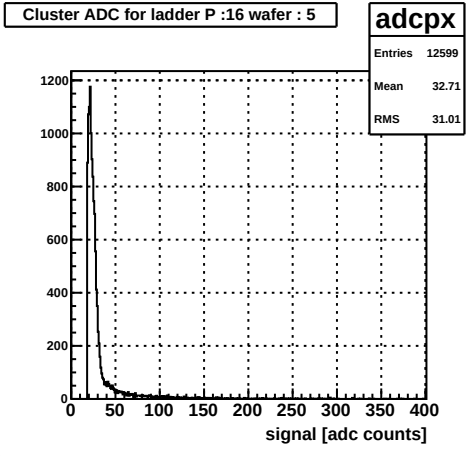

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3577
Mean 66.25
RMS 60.83
signal [adc counts]

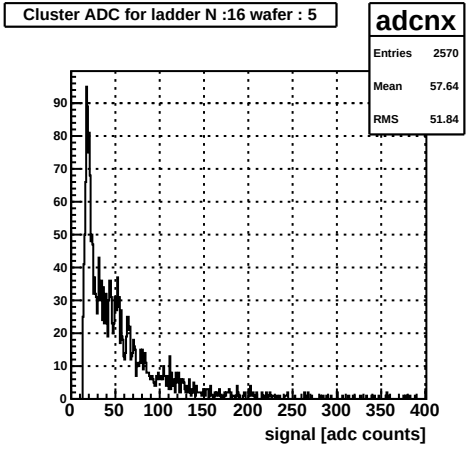

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 4061
Mean 46.8
RMS 47.47
signal [adc counts]

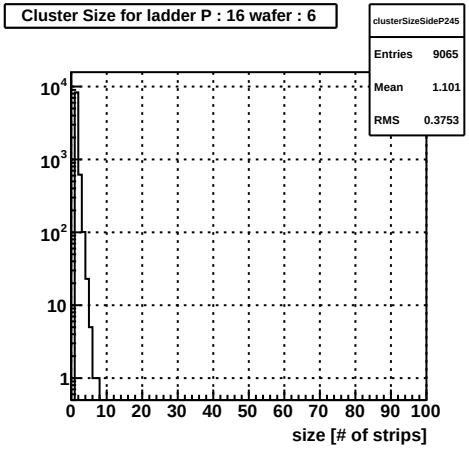

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 12599
Mean 1.078
RMS 0.3196
size [# of strips]

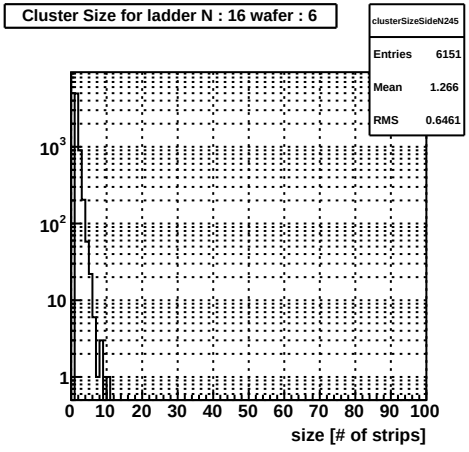

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2570
Mean 1.547
RMS 0.8486
size [# of strips]

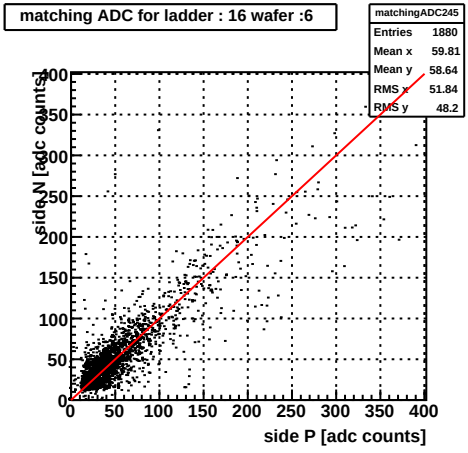

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 1245
Mean x 71.15
Mean y 61.3
RMS x 54.68
RMS y 46.61
side N [adc counts]
side P [adc counts]

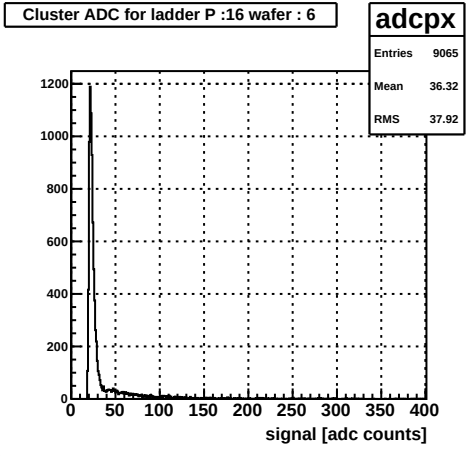

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 12599
Mean 32.71
RMS 31.01
signal [adc counts]

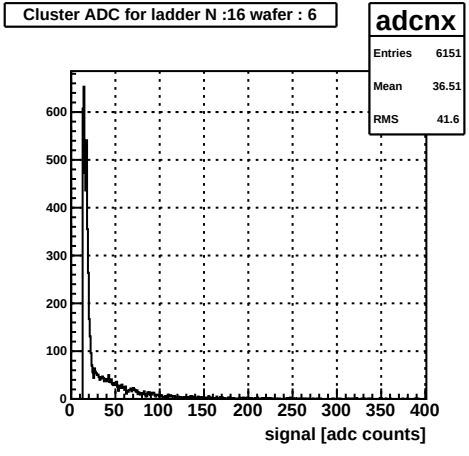

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2570
Mean 57.64
RMS 51.84
signal [adc counts]

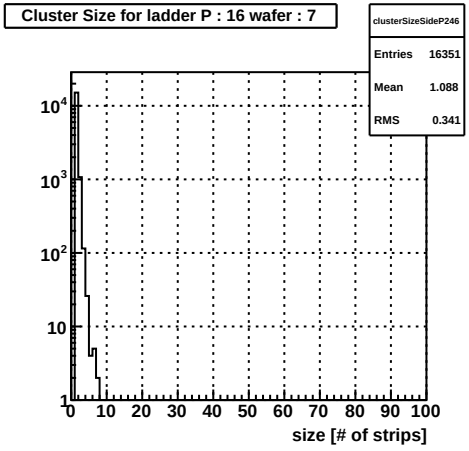

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 9065
Mean 1.101
RMS 0.3753
size [# of strips]

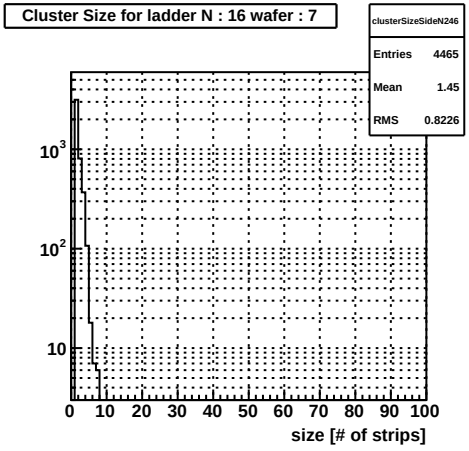

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 6151
Mean 1.266
RMS 0.6461
size [# of strips]

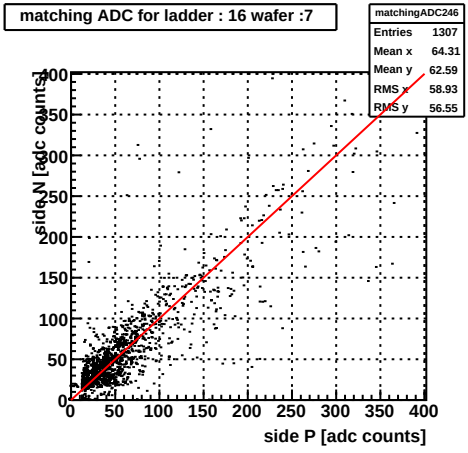

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 1880
Mean x 59.81
Mean y 58.64
RMS x 51.84
RMS y 48.2
side N [adc counts]
side P [adc counts]

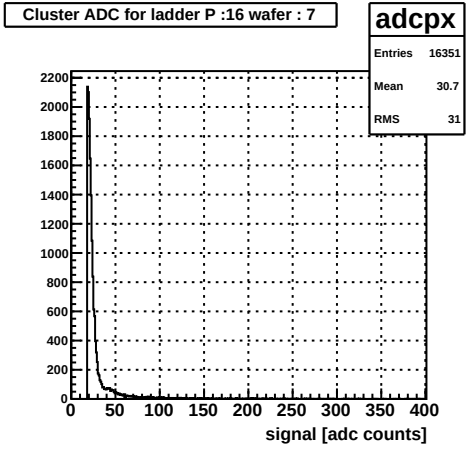

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 9065
Mean 36.32
RMS 37.92
signal [adc counts]

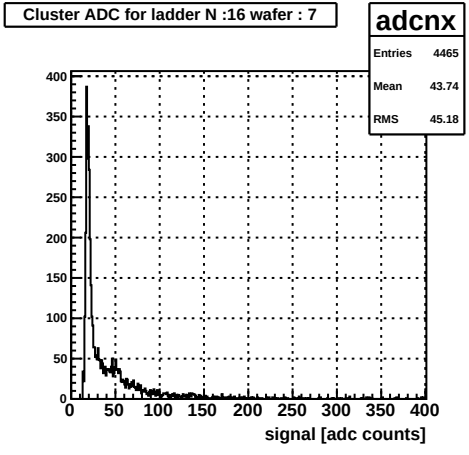

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 6151
Mean 36.51
RMS 41.6
signal [adc counts]

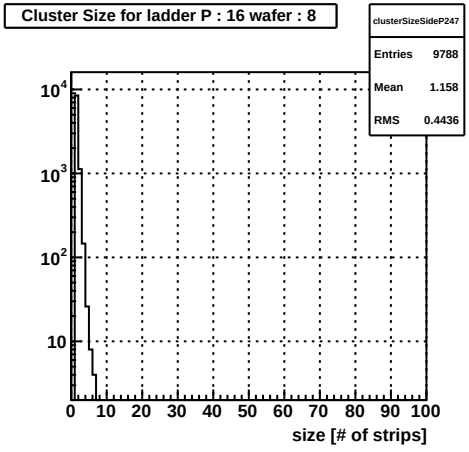

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 16351
Mean 1.088
RMS 0.341
size [# of strips]

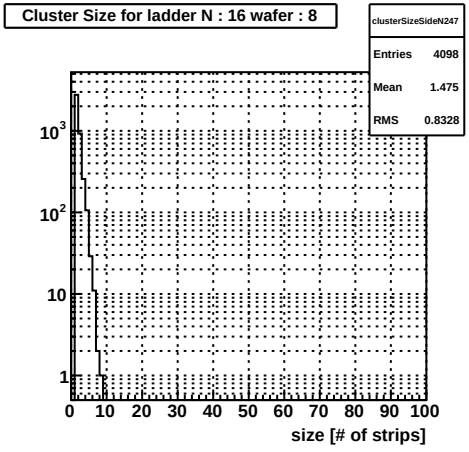

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 4465
Mean 1.45
RMS 0.8226
size [# of strips]

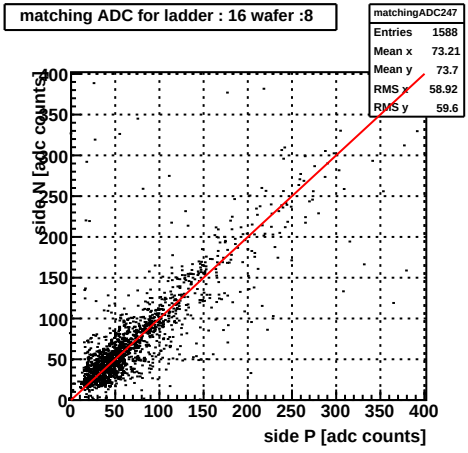

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 1307
Mean x 64.31
Mean y 62.59
RMS x 58.93
RMS y 56.55
side N [adc counts]
side P [adc counts]

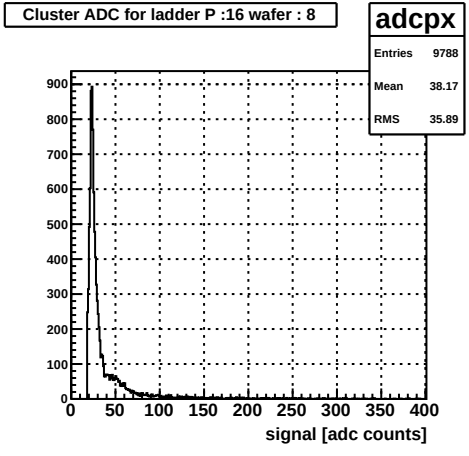

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 16351
Mean 30.7
RMS 31
signal [adc counts]

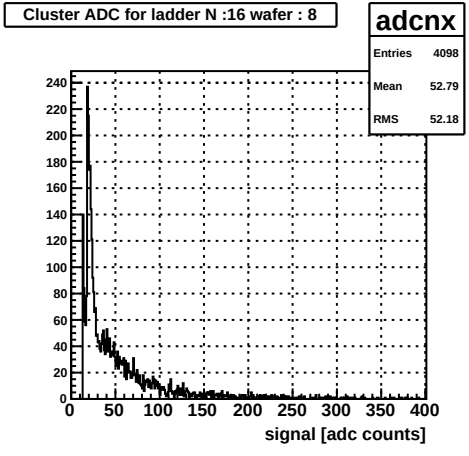

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 4465
Mean 43.74
RMS 45.18
signal [adc counts]

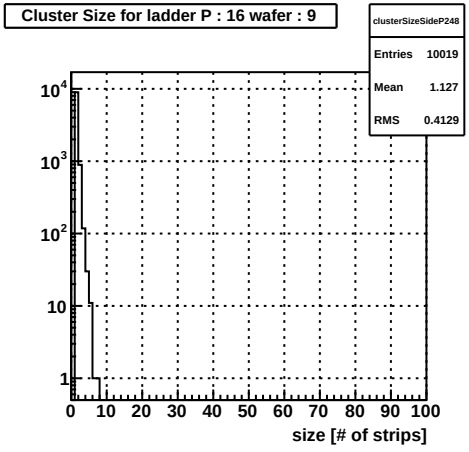

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 9788
Mean 1.158
RMS 0.4436
size [# of strips]

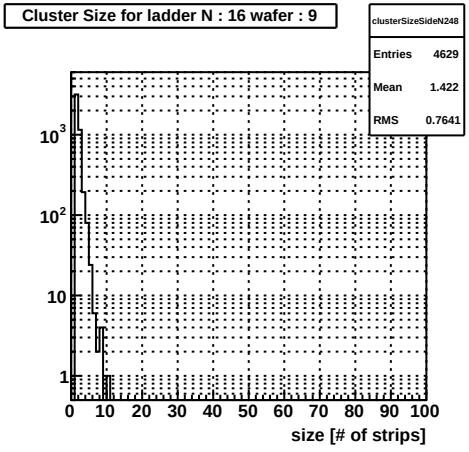

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 4098
Mean 1.475
RMS 0.8328
size [# of strips]

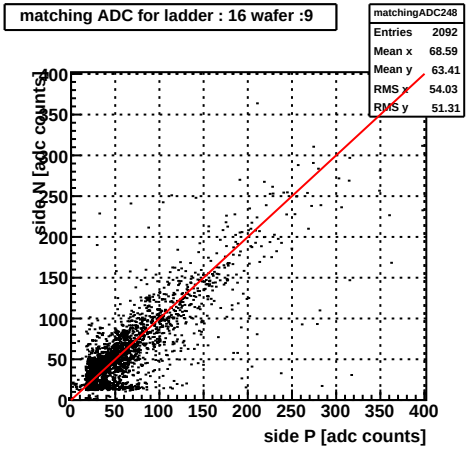

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 1588
Mean x 73.21
Mean y 73.7
RMS x 58.92
RMS y 59.6
side N [adc counts]
side P [adc counts]

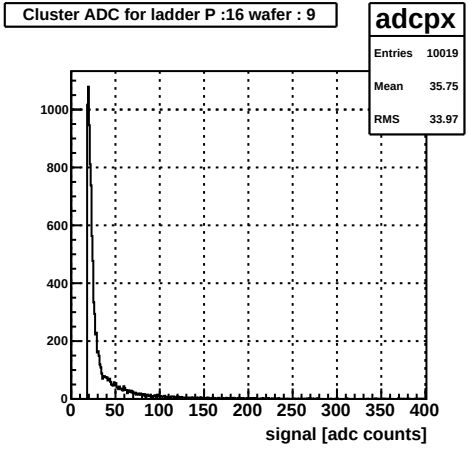

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 9788
Mean 38.17
RMS 35.89
signal [adc counts]

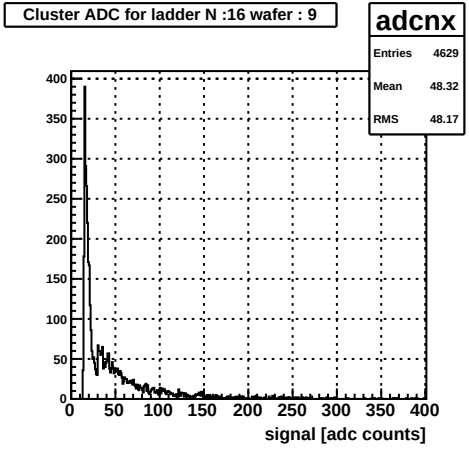

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 4098
Mean 52.79
RMS 52.18
signal [adc counts]

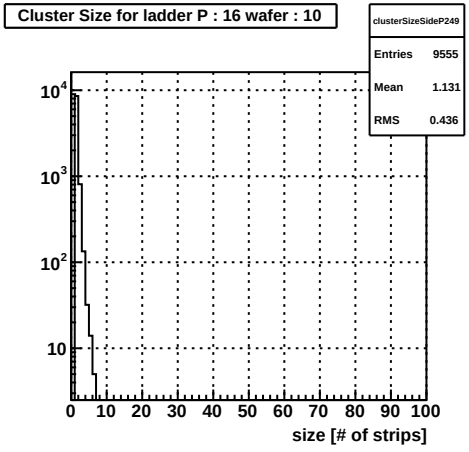

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 10019
Mean 1.127
RMS 0.4129
size [# of strips]

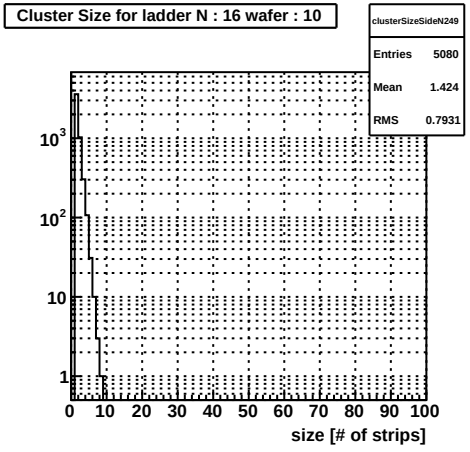

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 4629
Mean 1.422
RMS 0.7641
size [# of strips]

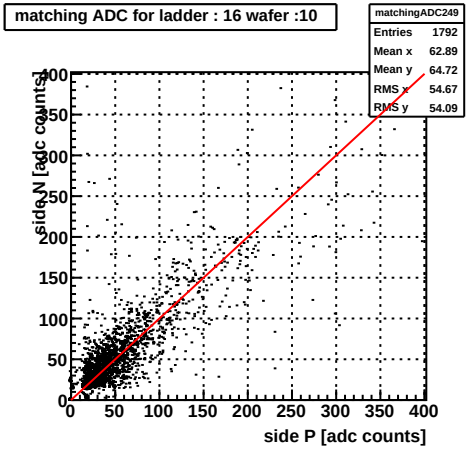

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 2092
Mean x 68.59
Mean y 63.41
RMS x 54.03
RMS y 51.31
side N [adc counts]
side P [adc counts]

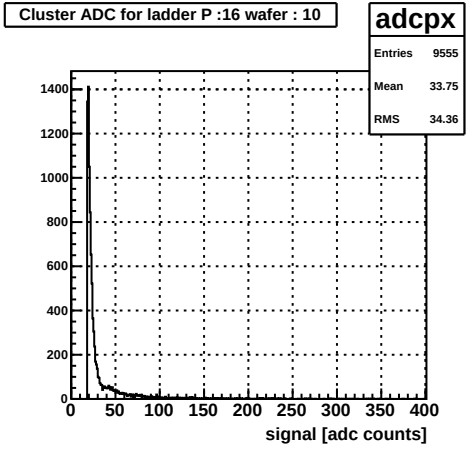

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 10019
Mean 35.75
RMS 33.97
signal [adc counts]

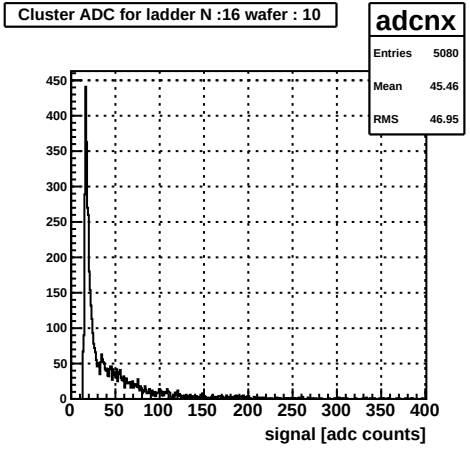

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 4629
Mean 48.32
RMS 48.17
signal [adc counts]

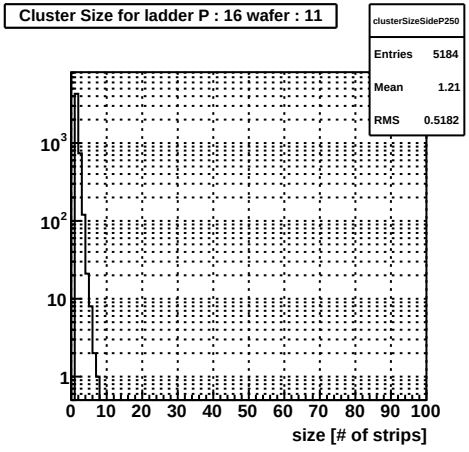

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 9555
Mean 1.131
RMS 0.436
size [# of strips]

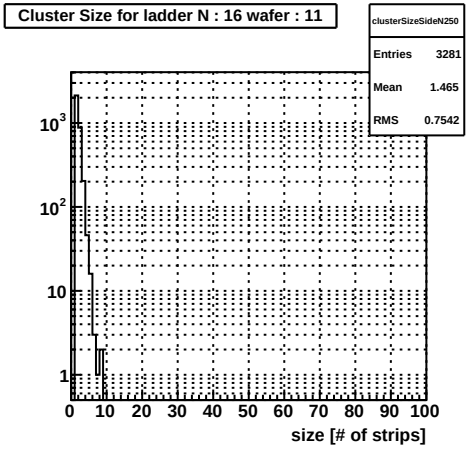

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 5080
Mean 1.424
RMS 0.7931
size [# of strips]

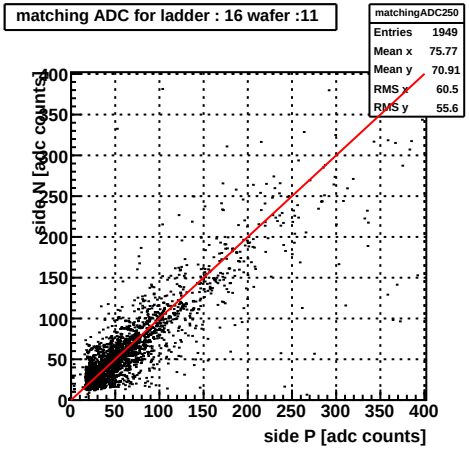

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 1792
Mean x 62.89
Mean y 64.72
RMS x 54.67
RMS y 54.09
side N [adc counts]
side P [adc counts]

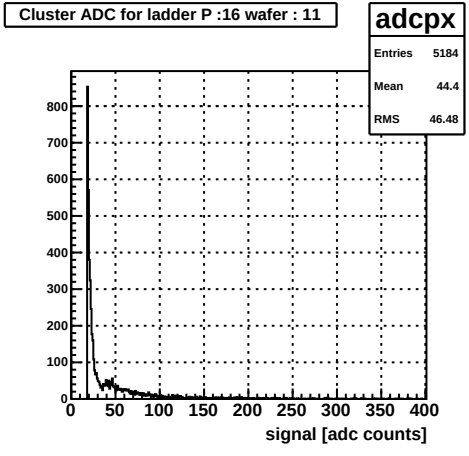

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 9555
Mean 33.75
RMS 34.36
signal [adc counts]

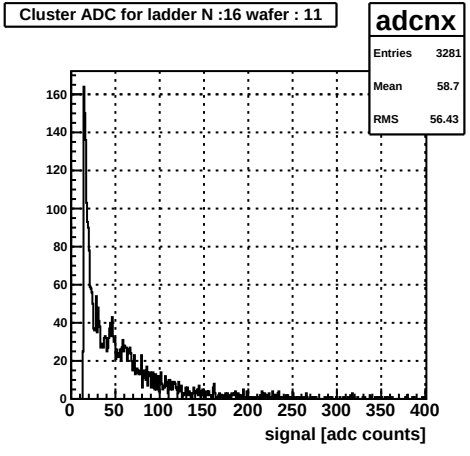

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 5080
Mean 45.46
RMS 46.95
signal [adc counts]

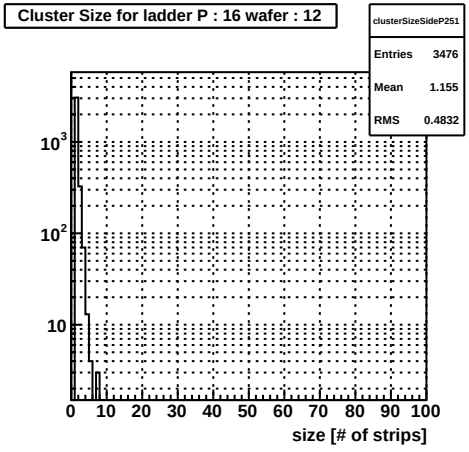

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 5184
Mean 1.21
RMS 0.5182
size [# of strips]

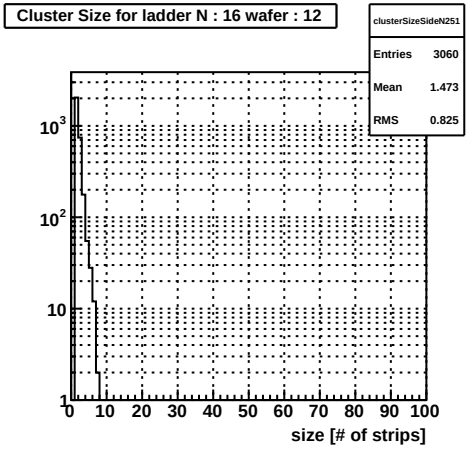

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 3281
Mean 1.465
RMS 0.7542
size [# of strips]

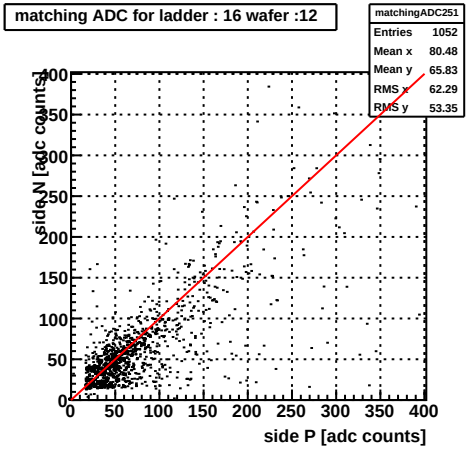

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 1949
Mean x 75.77
Mean y 70.91
RMS x 60.5
RMS y 55.6
side N [adc counts]
side P [adc counts]

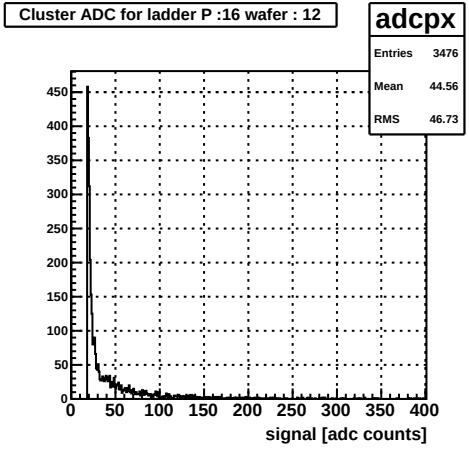

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 5184
Mean 44.4
RMS 46.48
signal [adc counts]

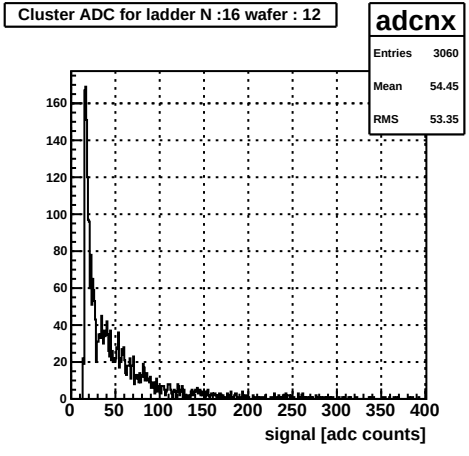

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 3281
Mean 58.7
RMS 56.43
signal [adc counts]

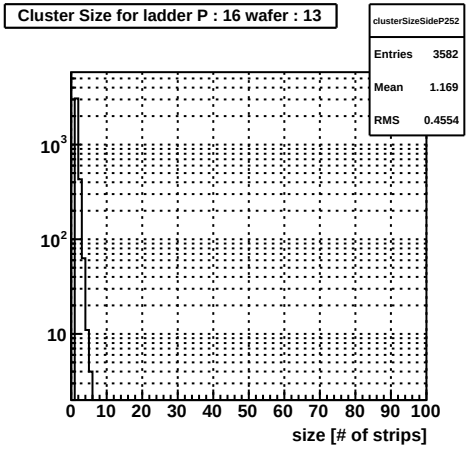

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3476
Mean 1.155
RMS 0.4832
size [# of strips]

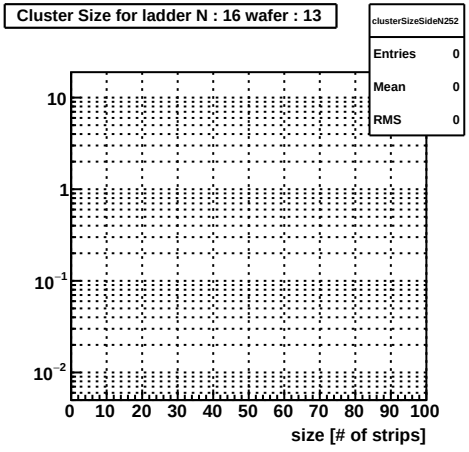

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 3060
Mean 1.473
RMS 0.825
size [# of strips]

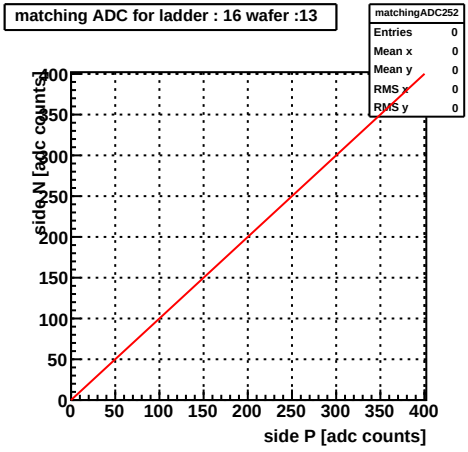

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 1052
Mean x 80.48
Mean y 65.83
RMS x 62.29
RMS y 53.35
side N [adc counts]
side P [adc counts]

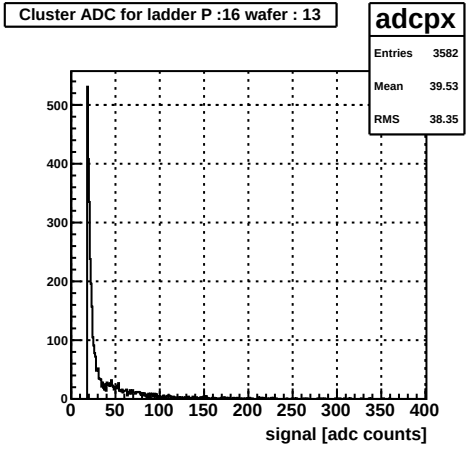

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3476
Mean 44.56
RMS 46.73
signal [adc counts]

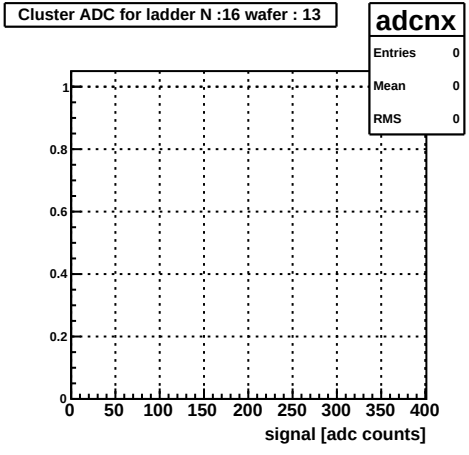

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 3060
Mean 54.45
RMS 53.35
signal [adc counts]

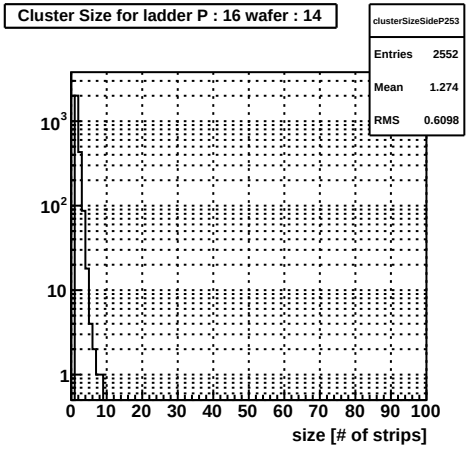

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 3582
Mean 1.169
RMS 0.4554
size [# of strips]

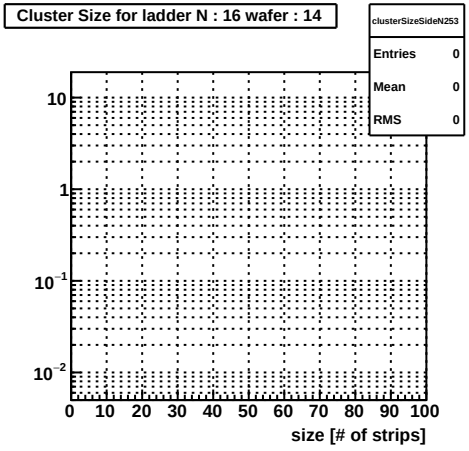

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

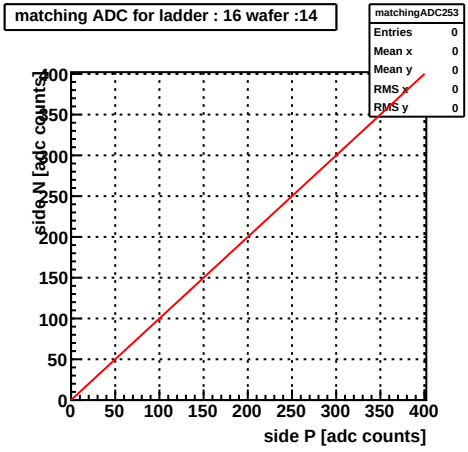

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

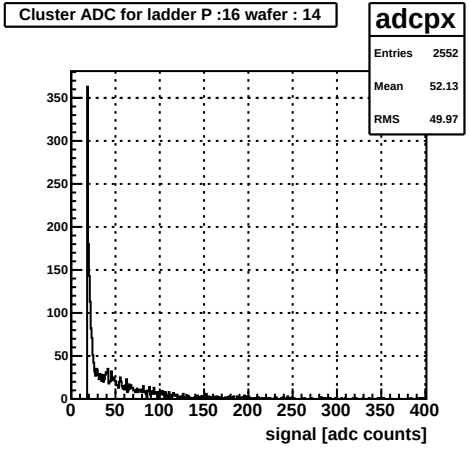

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 3582
Mean 39.53
RMS 38.35
signal [adc counts]

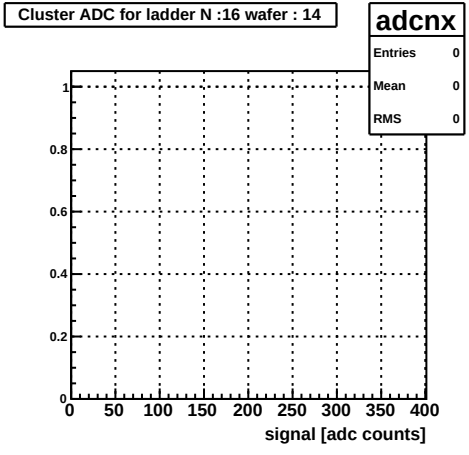

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

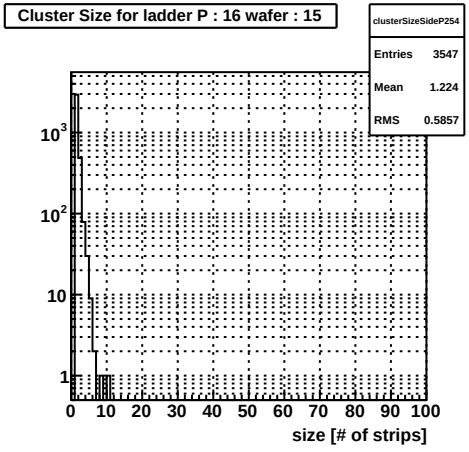

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 2552
Mean 1.274
RMS 0.6098
size [# of strips]

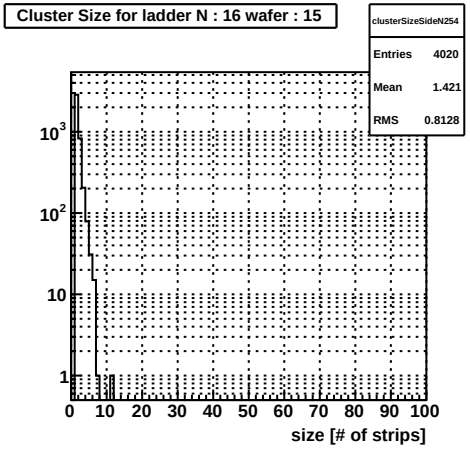

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

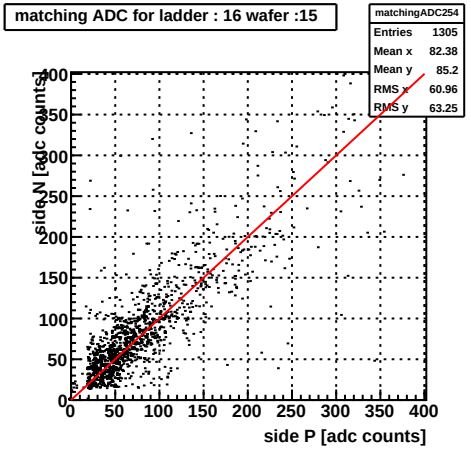

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

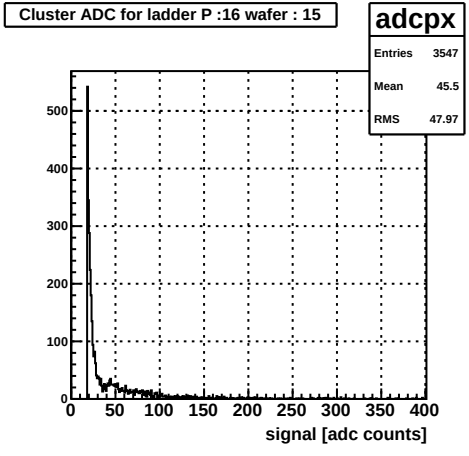

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 2552
Mean 52.13
RMS 49.97
signal [adc counts]

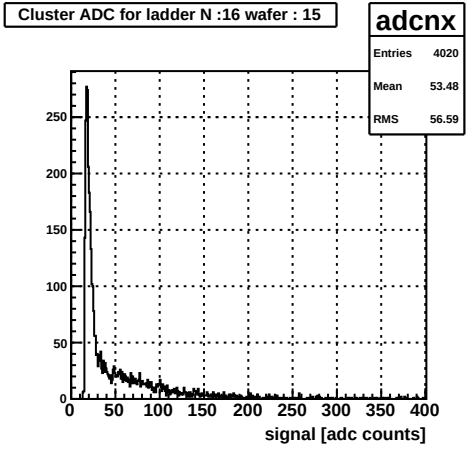

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

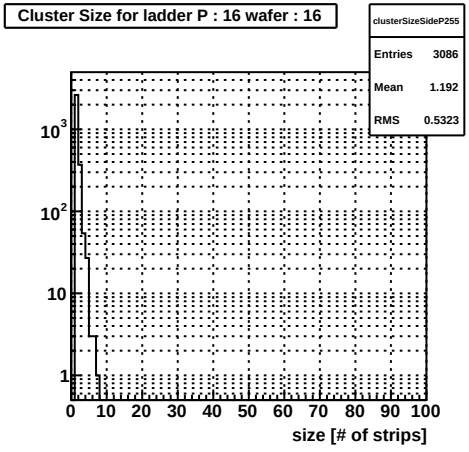

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 3547
Mean 1.224
RMS 0.5857
size [# of strips]

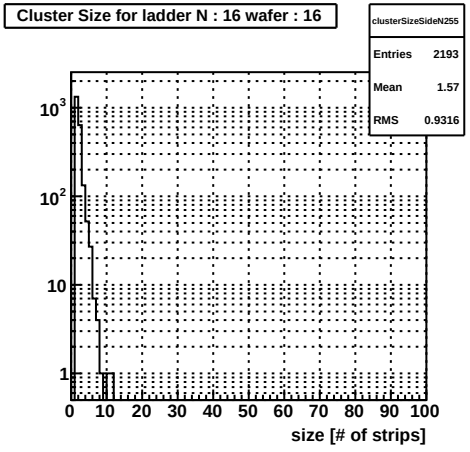

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 4020
Mean 1.421
RMS 0.8128
size [# of strips]

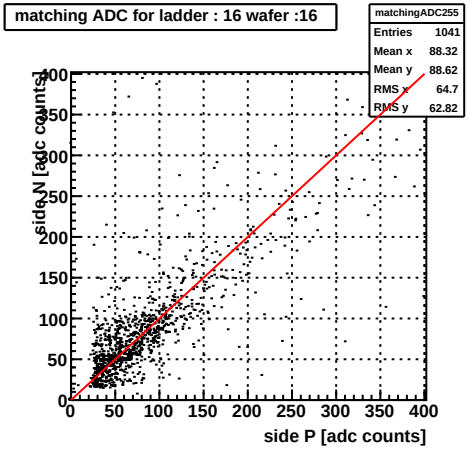

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 1305
Mean x 82.38
Mean y 85.2
RMS x 60.96
RMS y 63.25
side N [adc counts]
side P [adc counts]

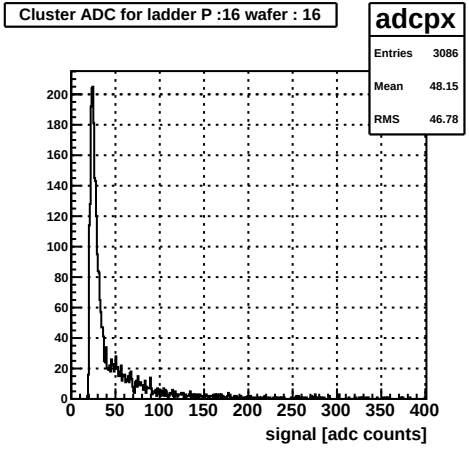

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 3547
Mean 45.5
RMS 47.97
signal [adc counts]

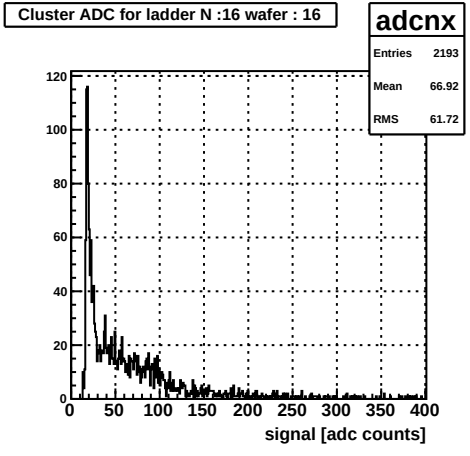

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 4020
Mean 53.48
RMS 56.59
signal [adc counts]

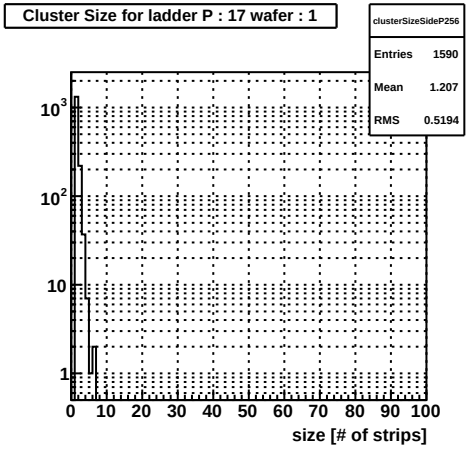

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 3086
Mean 1.192
RMS 0.5323
size [# of strips]

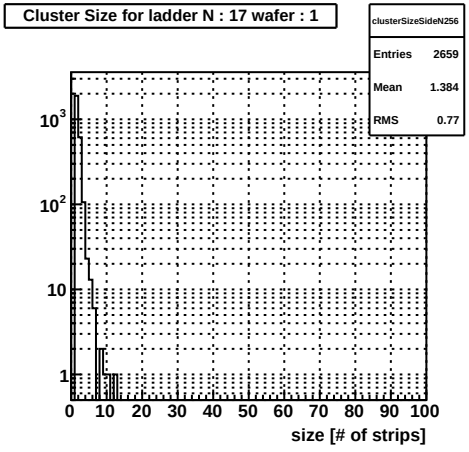

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 2193
Mean 1.57
RMS 0.9316
size [# of strips]

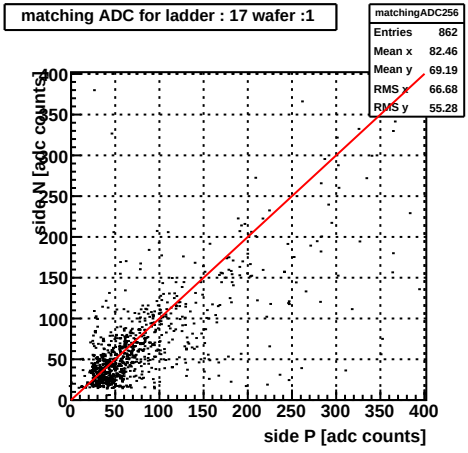

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 1041
Mean x 88.32
Mean y 88.62
RMS x 64.7
RMS y 62.82
side N [adc counts]
side P [adc counts]

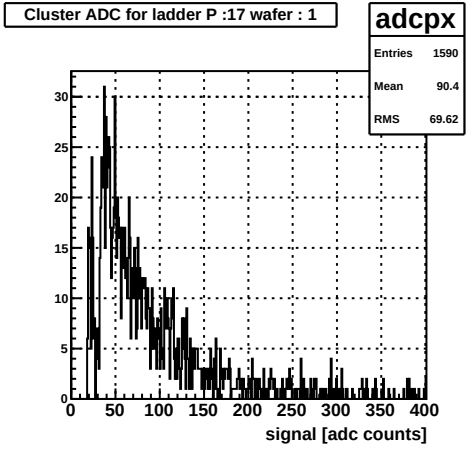

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 3086
Mean 48.15
RMS 46.78
signal [adc counts]

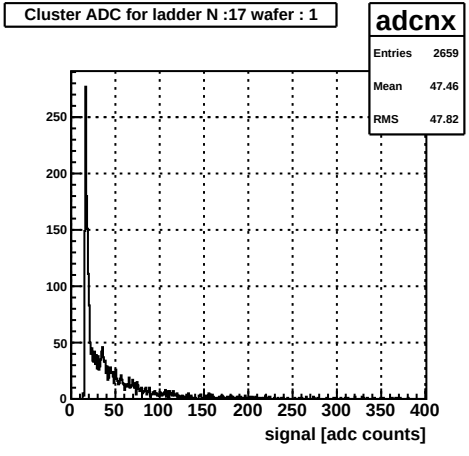

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 2193
Mean 66.92
RMS 61.72
signal [adc counts]

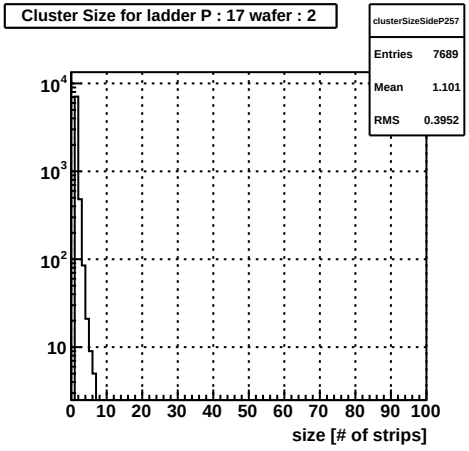

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 1590
Mean 1.207
RMS 0.5194
size [# of strips]

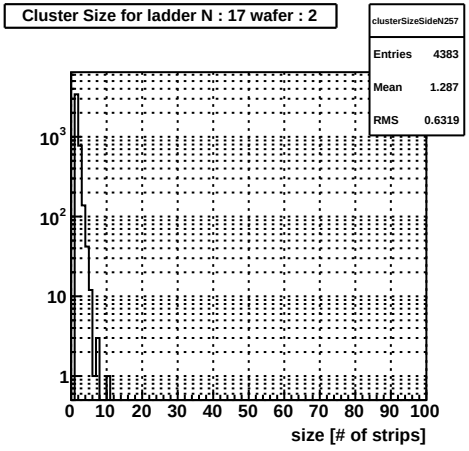

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 2659
Mean 1.384
RMS 0.77
size [# of strips]

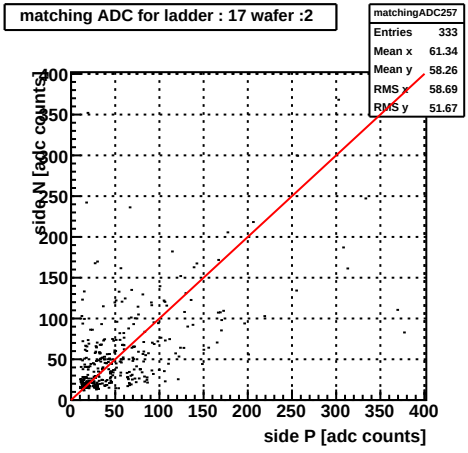

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 862
Mean x 82.46
Mean y 69.19
RMS x 66.68
RMS y 55.28
side N [adc counts]
side P [adc counts]

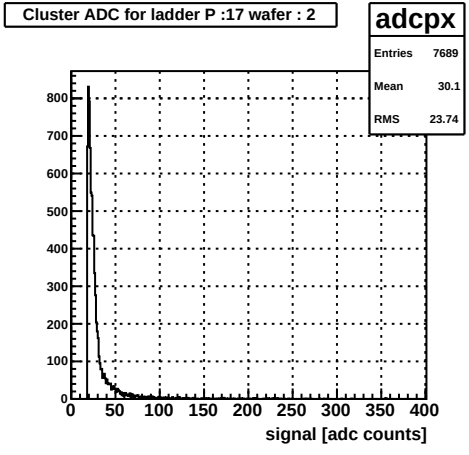

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 1590
Mean 90.4
RMS 69.62
signal [adc counts]

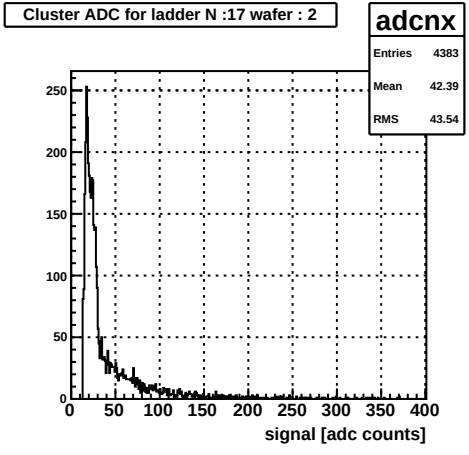

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 2659
Mean 47.46
RMS 47.82
signal [adc counts]

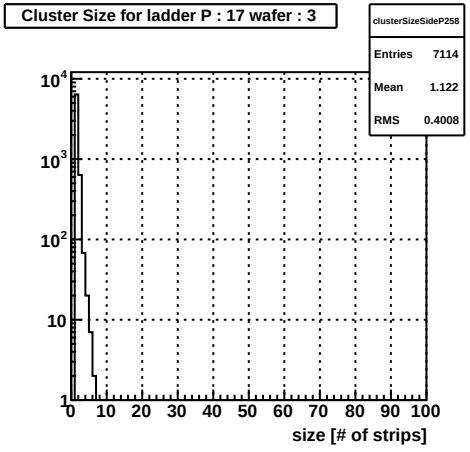

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 7689
Mean 1.101
RMS 0.3952
size [# of strips]

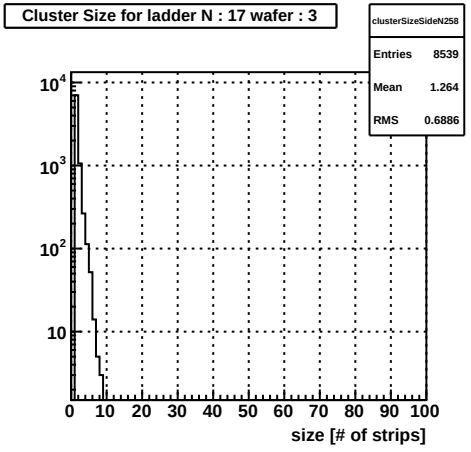

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4383
Mean 1.287
RMS 0.6319
size [# of strips]

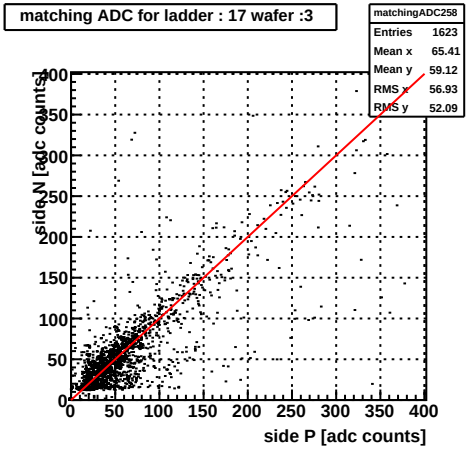

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 333
Mean x 61.34
Mean y 58.26
RMS x 58.69
RMS y 51.67
side N [adc counts]
side P [adc counts]

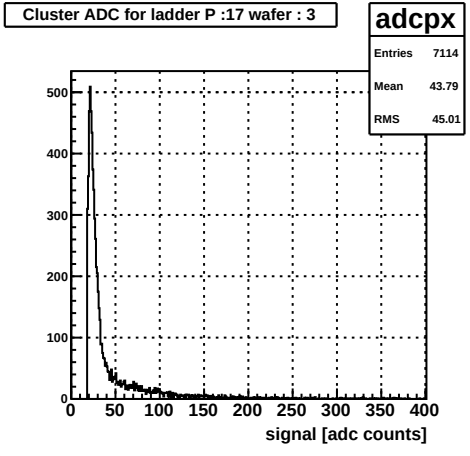

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 7689
Mean 30.1
RMS 23.74
signal [adc counts]

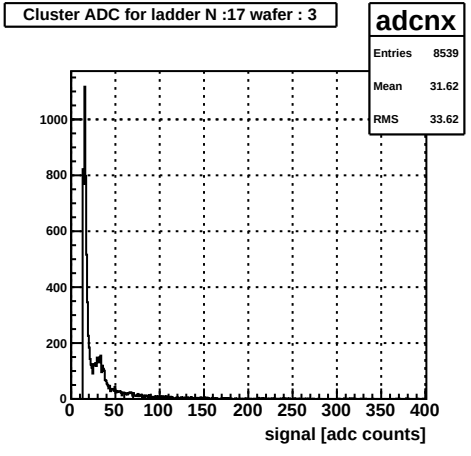

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4383
Mean 42.39
RMS 43.54
signal [adc counts]

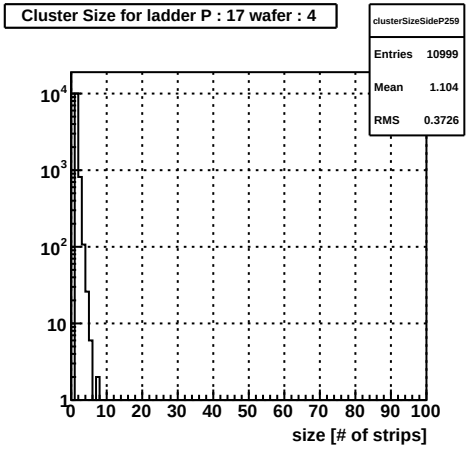

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 7114
Mean 1.122
RMS 0.4008
size [# of strips]

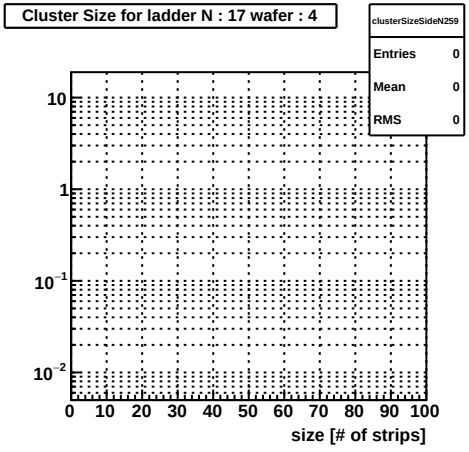

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 8539
Mean 1.264
RMS 0.6886
size [# of strips]

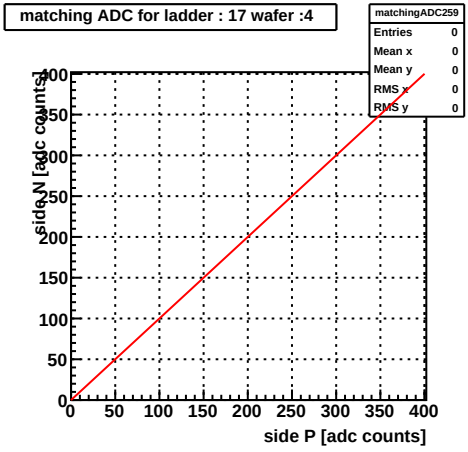

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 1623
Mean x 65.41
Mean y 59.12
RMS x 56.93
RMS y 52.09
side N [adc counts]
side P [adc counts]

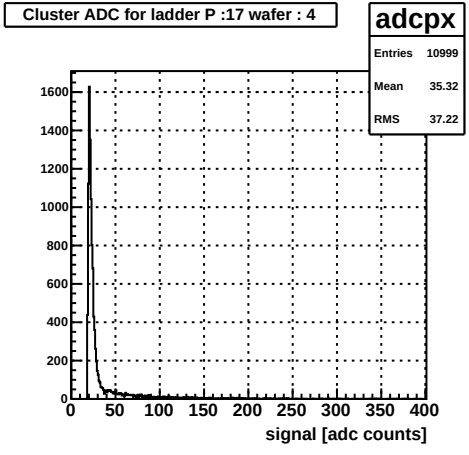

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 7114
Mean 43.79
RMS 45.01
signal [adc counts]

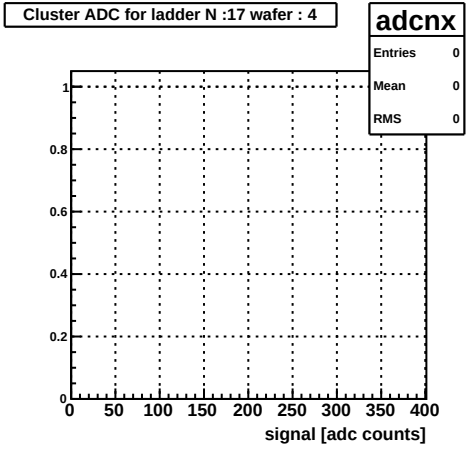

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 8539
Mean 31.62
RMS 33.62
signal [adc counts]

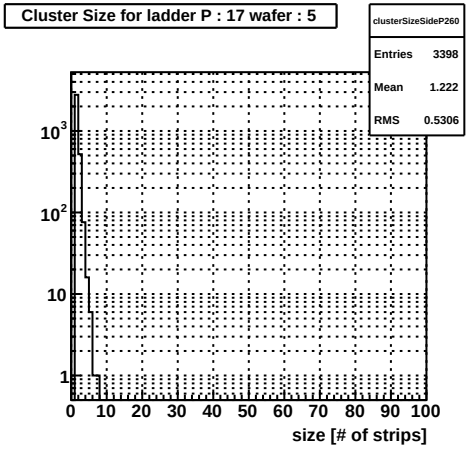

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 10999
Mean 1.104
RMS 0.3726
size [# of strips]

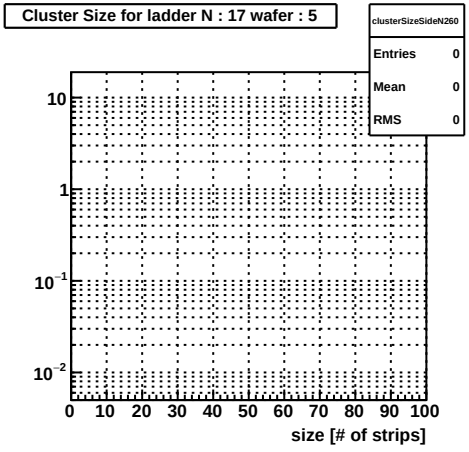

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

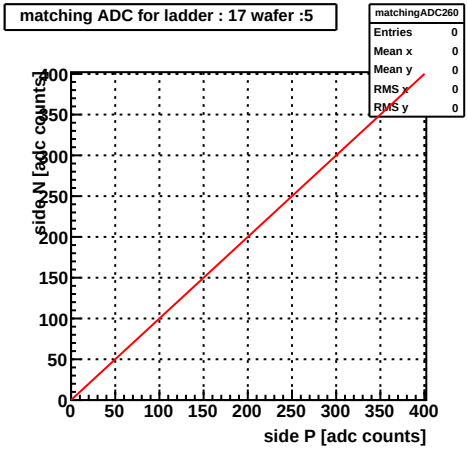

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

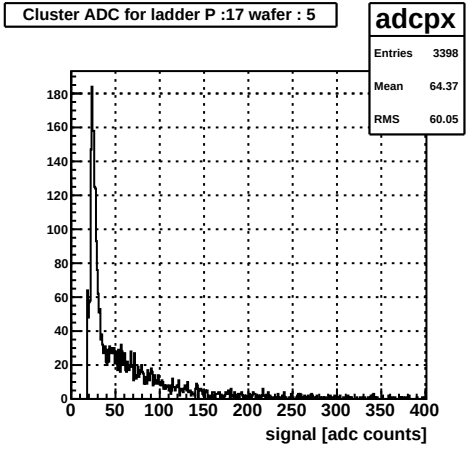

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 10999
Mean 35.32
RMS 37.22
signal [adc counts]

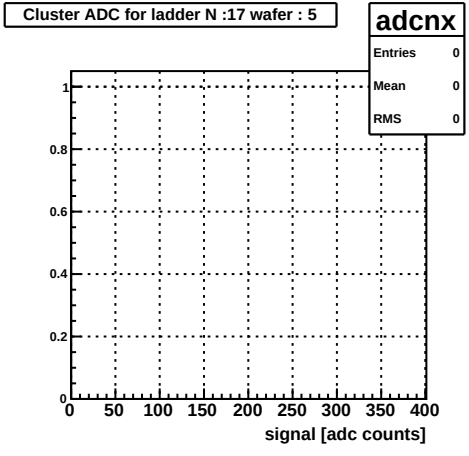

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

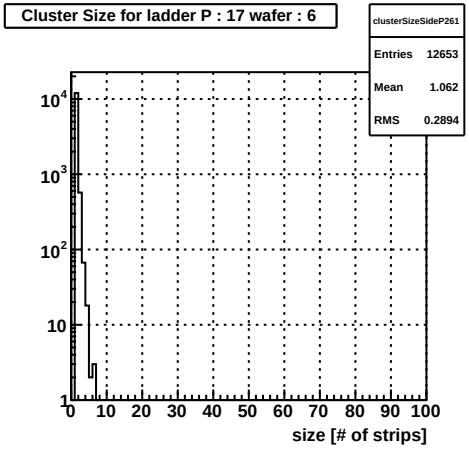

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 3398
Mean 1.222
RMS 0.5306
size [# of strips]

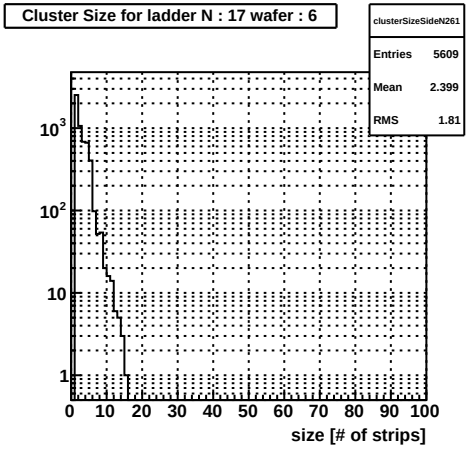

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

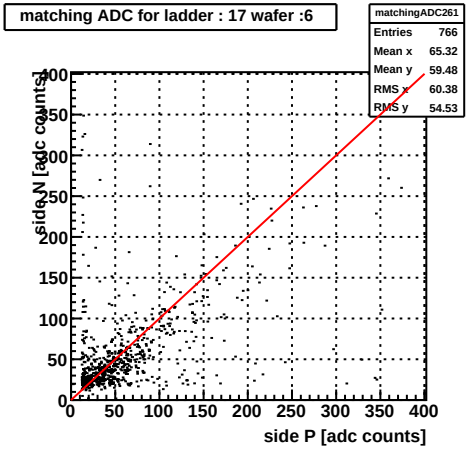

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

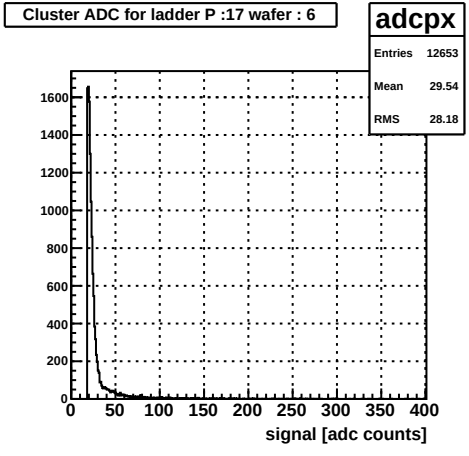

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 3398
Mean 64.37
RMS 60.05
signal [adc counts]

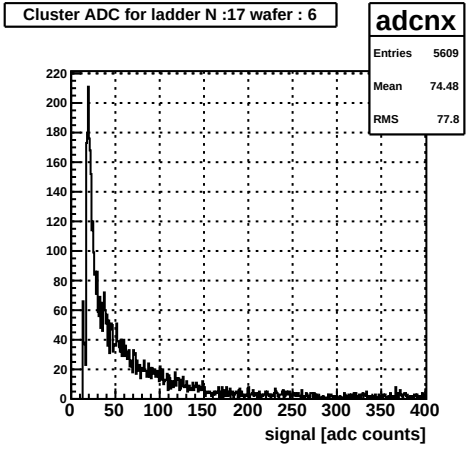

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

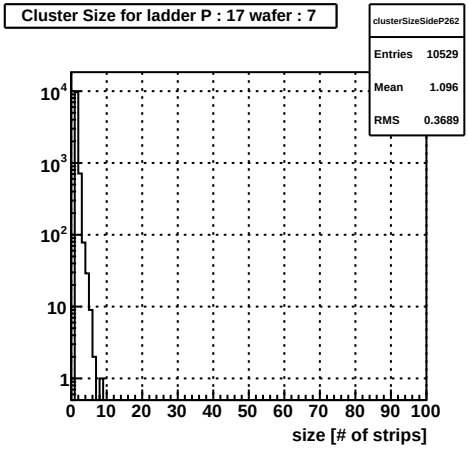

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 12653
Mean 1.062
RMS 0.2894
size [# of strips]

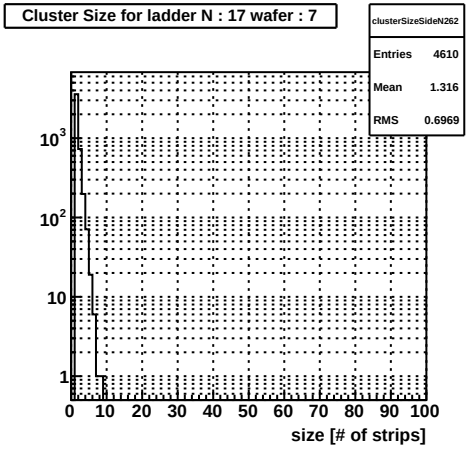

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 5609
Mean 2.399
RMS 1.81
size [# of strips]

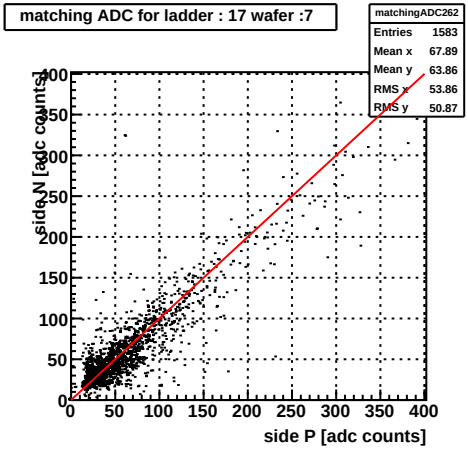

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 766
Mean x 65.32
Mean y 59.48
RMS x 60.38
RMS y 54.53
side N [adc counts]
side P [adc counts]

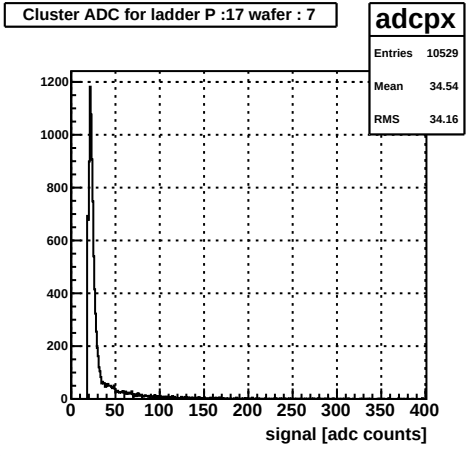

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 12653
Mean 29.54
RMS 28.18
signal [adc counts]

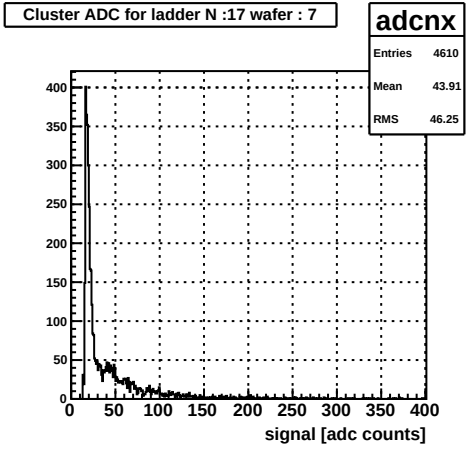

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 5609
Mean 74.48
RMS 77.8
signal [adc counts]

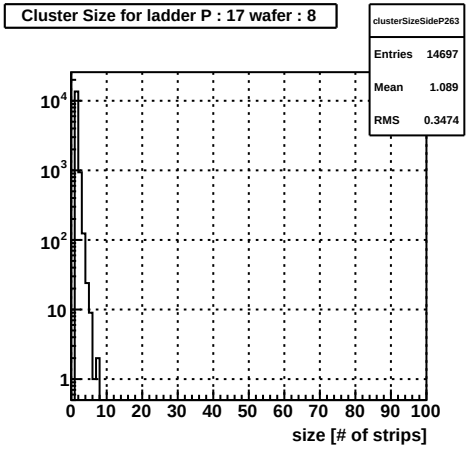

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 10529
Mean 1.096
RMS 0.3689
size [# of strips]

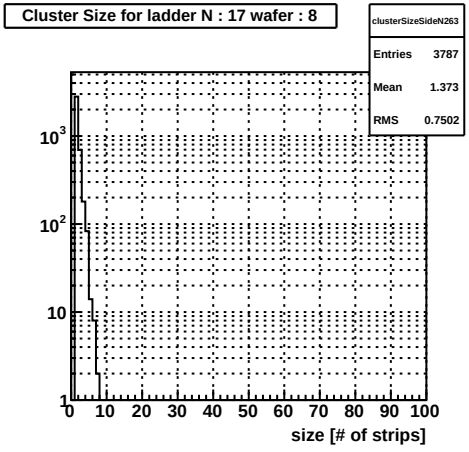

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 4610
Mean 1.316
RMS 0.6969
size [# of strips]

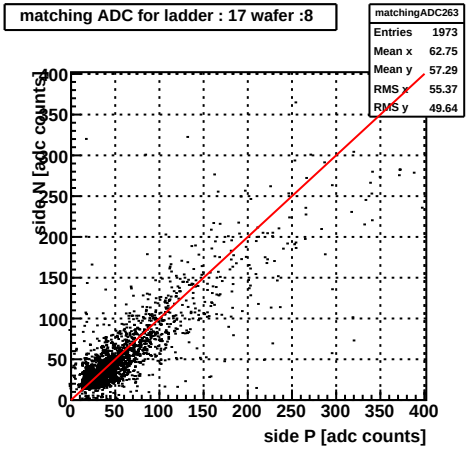

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 1583
Mean x 67.89
Mean y 63.86
RMS x 53.86
RMS y 50.87
side N [adc counts]
side P [adc counts]

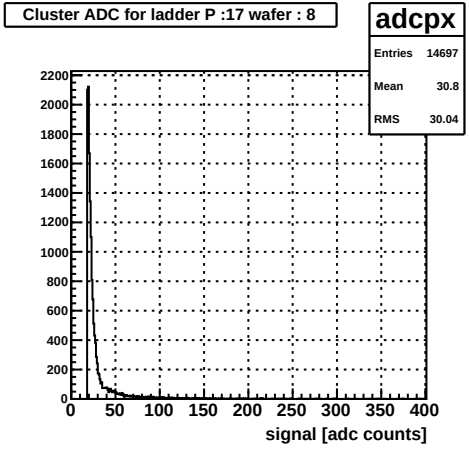

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 10529
Mean 34.54
RMS 34.16
signal [adc counts]

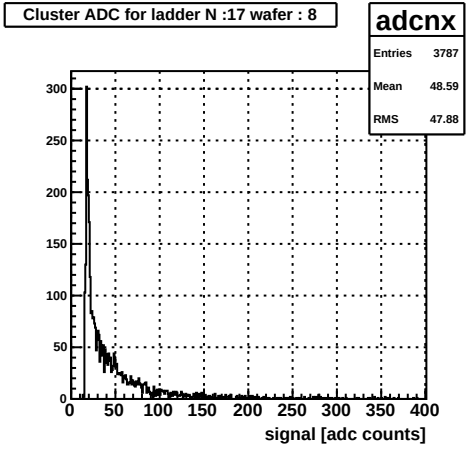

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 4610
Mean 43.91
RMS 46.25
signal [adc counts]

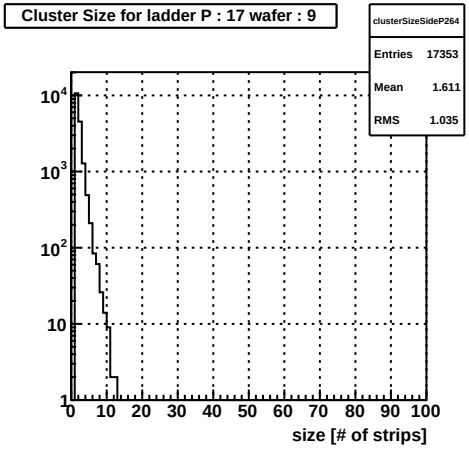

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 14697
Mean 1.089
RMS 0.3474
size [# of strips]

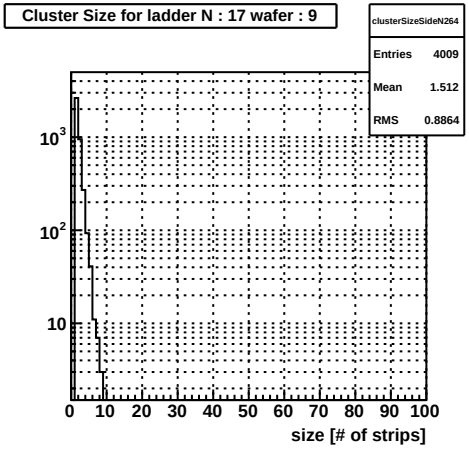

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 3787
Mean 1.373
RMS 0.7502
size [# of strips]

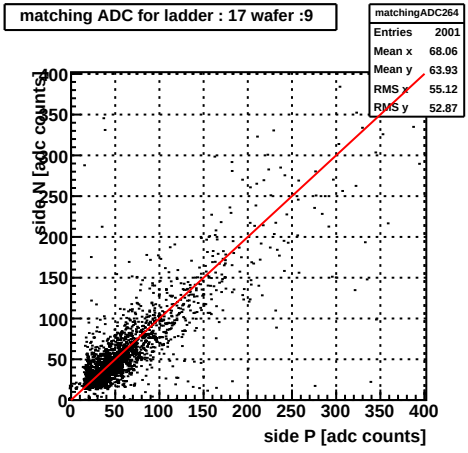

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 1973
Mean x 62.75
Mean y 57.29
RMS x 55.37
RMS y 49.64
side N [adc counts]
side P [adc counts]

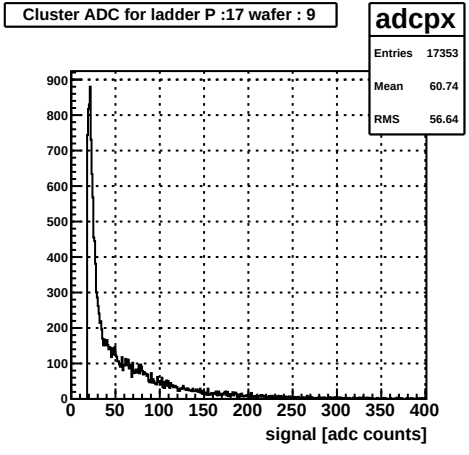

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 14697
Mean 30.8
RMS 30.04
signal [adc counts]

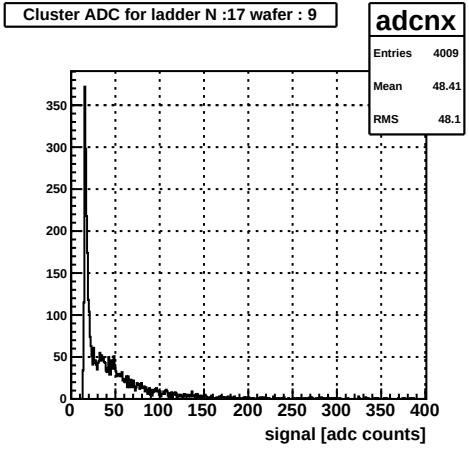

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 3787
Mean 48.59
RMS 47.88
signal [adc counts]

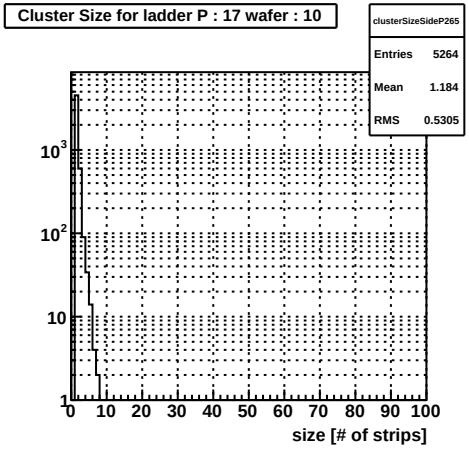

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 17353
Mean 1.611
RMS 1.035
size [# of strips]

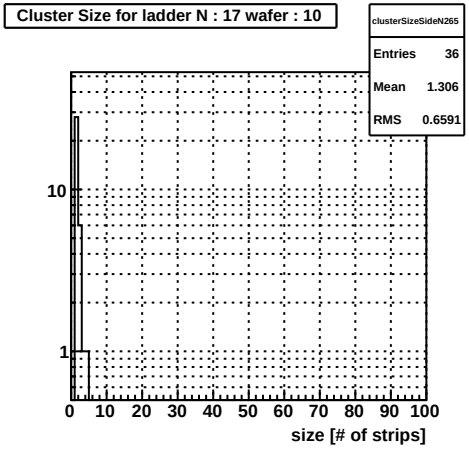

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 4009
Mean 1.512
RMS 0.8864
size [# of strips]

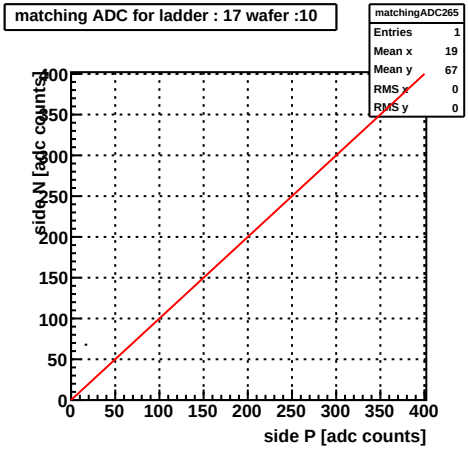

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 2001
Mean x 68.06
Mean y 63.93
RMS x 55.12
RMS y 52.87
side N [adc counts]
side P [adc counts]

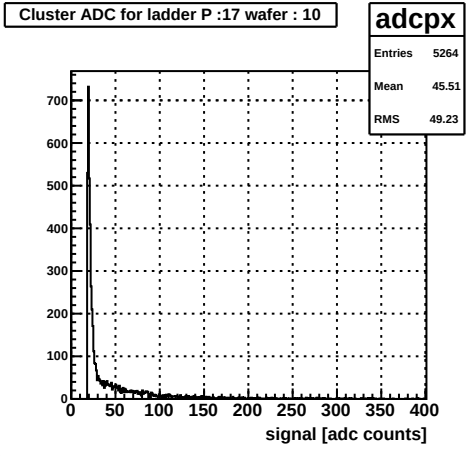

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 17353
Mean 60.74
RMS 56.64
signal [adc counts]

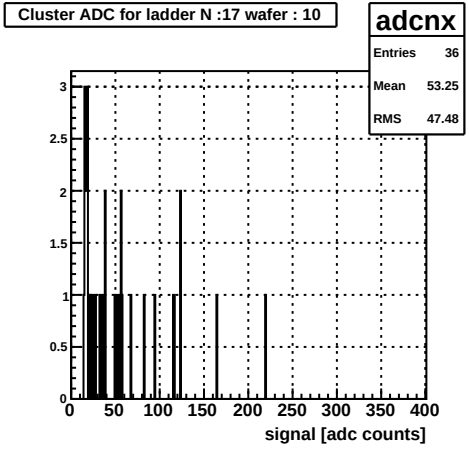

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 4009
Mean 48.41
RMS 48.1
signal [adc counts]

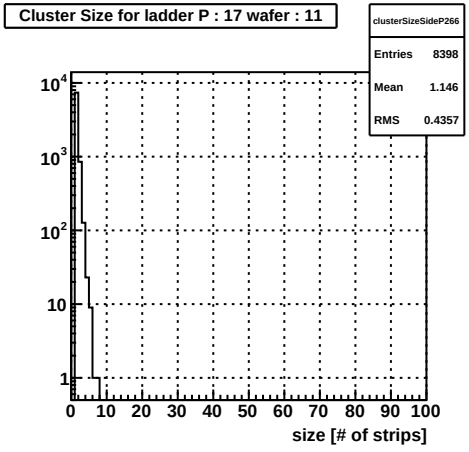

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 5264
Mean 1.184
RMS 0.5305
size [# of strips]

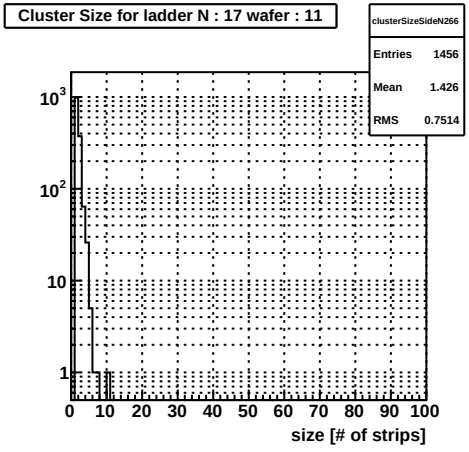

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 36
Mean 1.306
RMS 0.6591
size [# of strips]

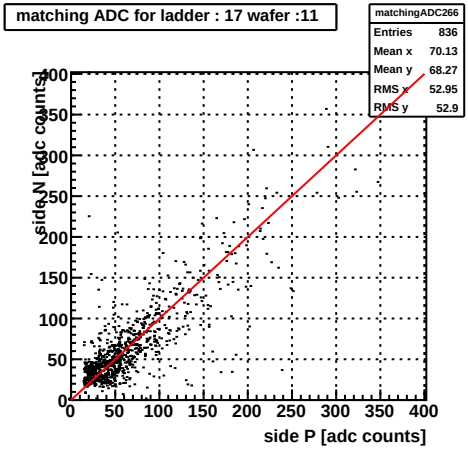

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 1
Mean x 19
Mean y 67
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

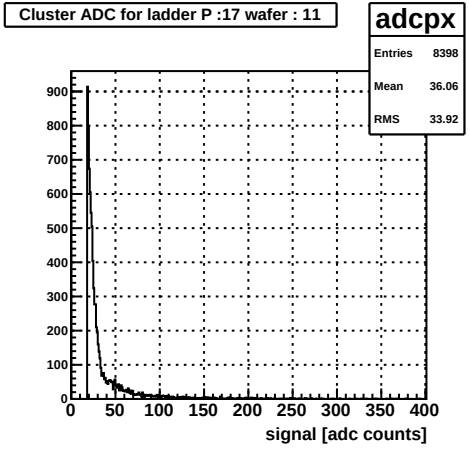

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 5264
Mean 45.51
RMS 49.23
signal [adc counts]

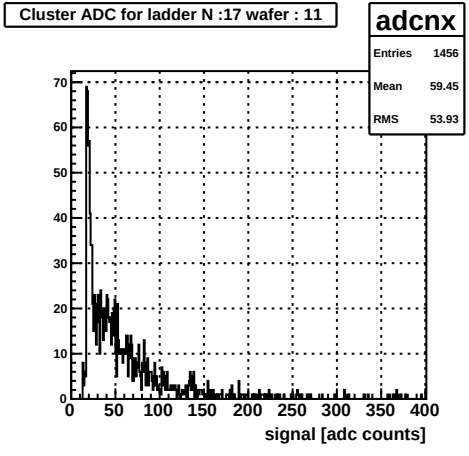

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 36
Mean 53.25
RMS 47.48
signal [adc counts]

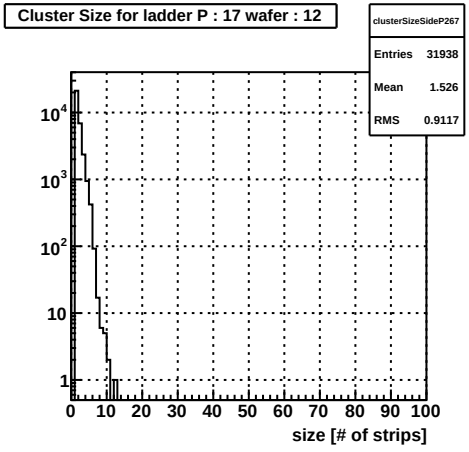

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 8398
Mean 1.146
RMS 0.4357
size [# of strips]

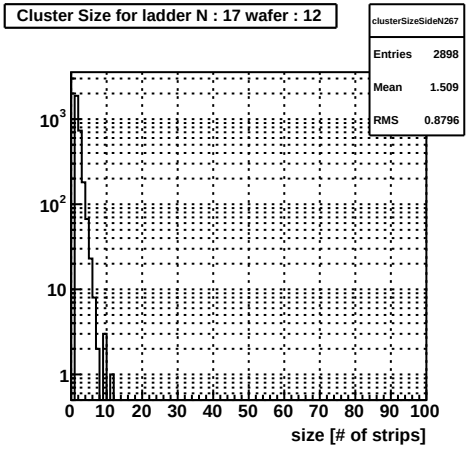

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 1456
Mean 1.426
RMS 0.7514
size [# of strips]

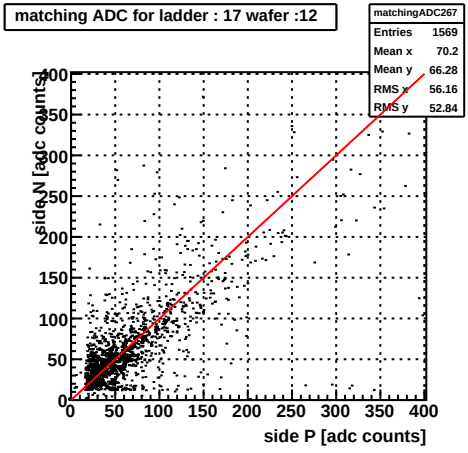

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 836
Mean x 70.13
Mean y 68.27
RMS x 52.95
RMS y 52.9
side N [adc counts]
side P [adc counts]

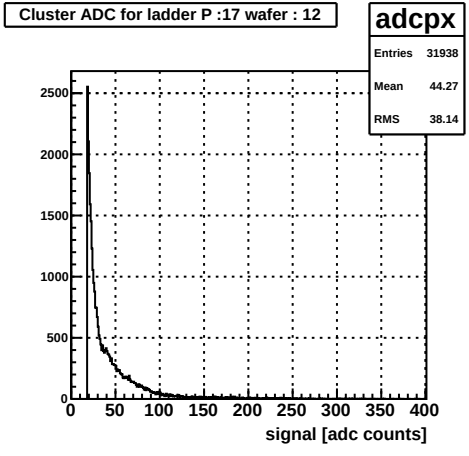

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 8398
Mean 36.06
RMS 33.92
signal [adc counts]

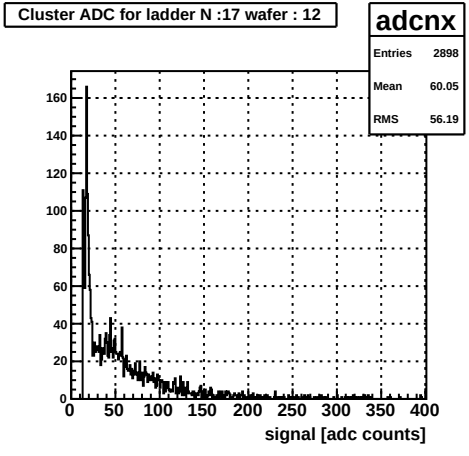

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 1456
Mean 59.45
RMS 53.93
signal [adc counts]

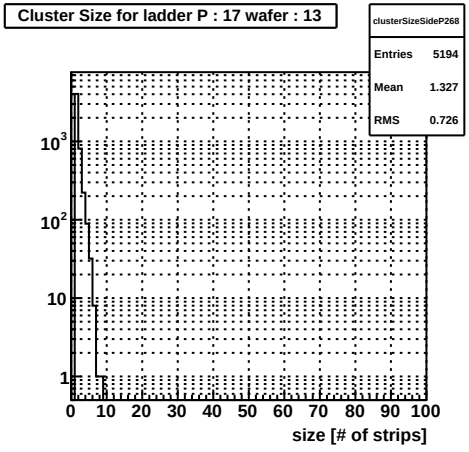

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 31938
Mean 1.526
RMS 0.9117
size [# of strips]

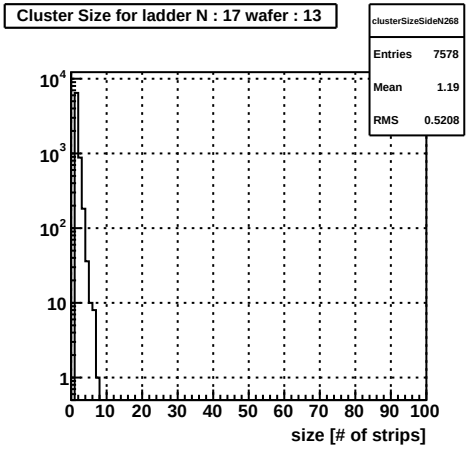

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 2898
Mean 1.509
RMS 0.8796
size [# of strips]

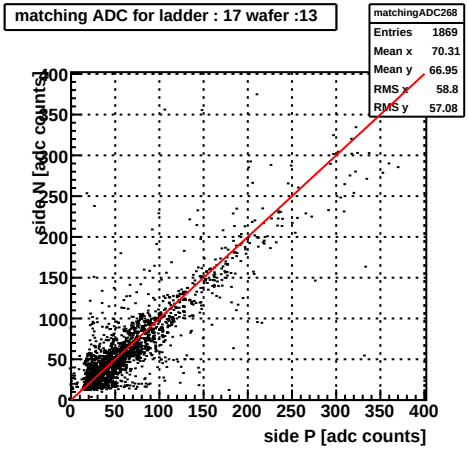

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 1569
Mean x 70.2
Mean y 66.28
RMS x 56.16
RMS y 52.84
side N [adc counts]
side P [adc counts]

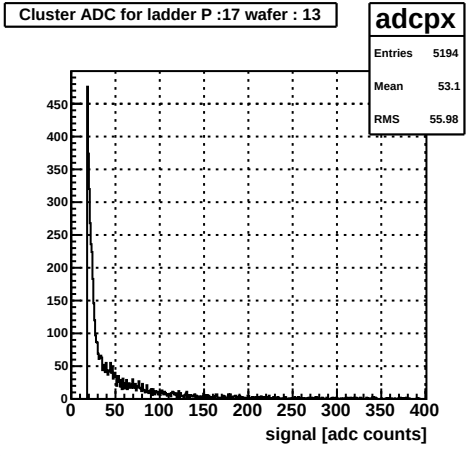

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 31938
Mean 44.27
RMS 38.14
signal [adc counts]

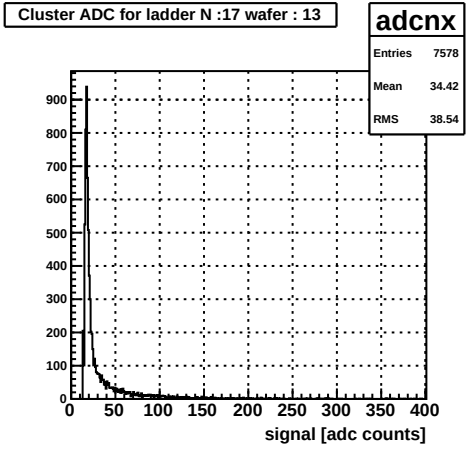

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 2898
Mean 60.05
RMS 56.19
signal [adc counts]

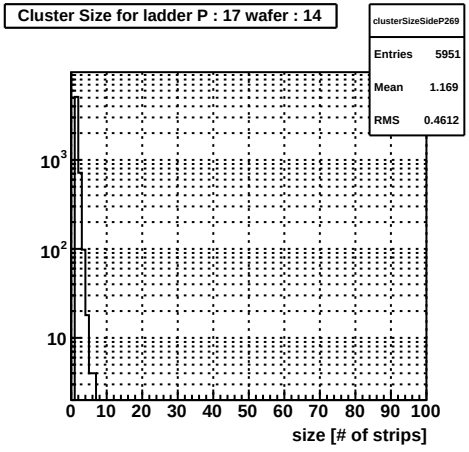

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 5194
Mean 1.327
RMS 0.726
size [# of strips]

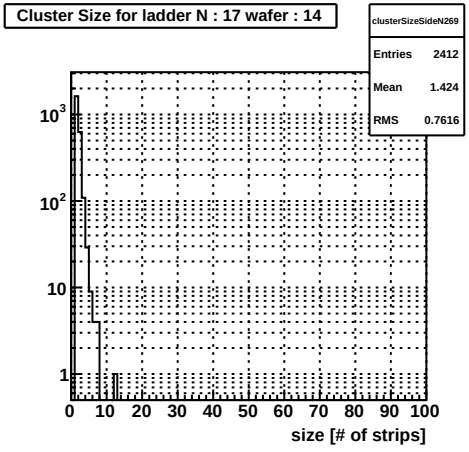

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 7578
Mean 1.19
RMS 0.5208
size [# of strips]

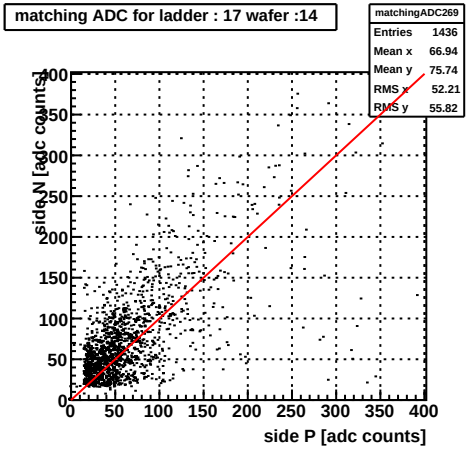

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 1869
Mean x 70.31
Mean y 66.95
RMS x 58.8
RMS y 57.08
side N [adc counts]
side P [adc counts]

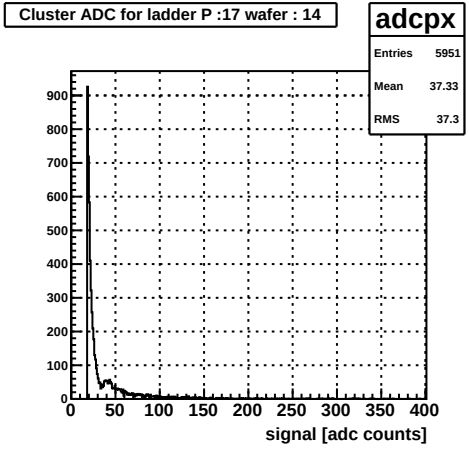

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 5194
Mean 53.1
RMS 55.98
signal [adc counts]

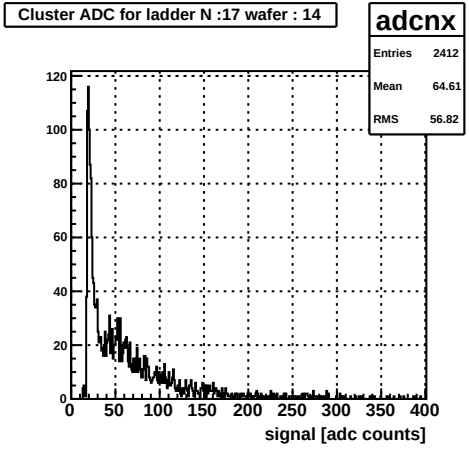

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 7578
Mean 34.42
RMS 38.54
signal [adc counts]

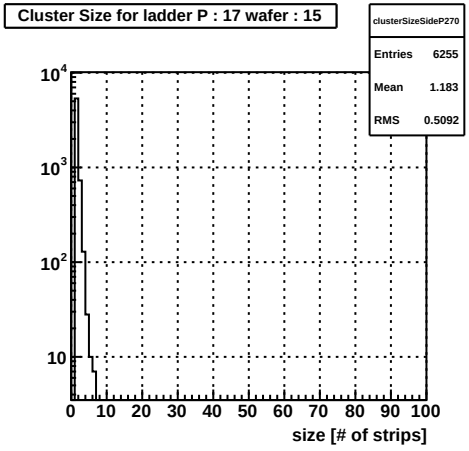

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 5951
Mean 1.169
RMS 0.4612
size [# of strips]

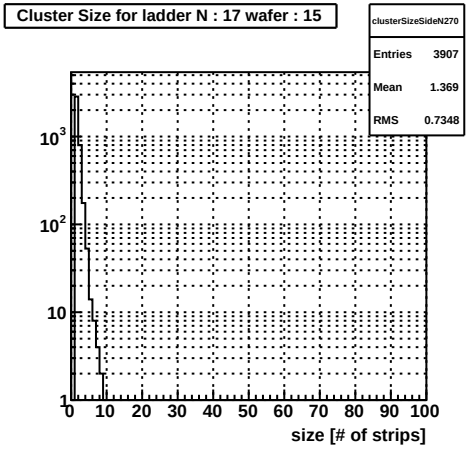

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 2412
Mean 1.424
RMS 0.7616
size [# of strips]

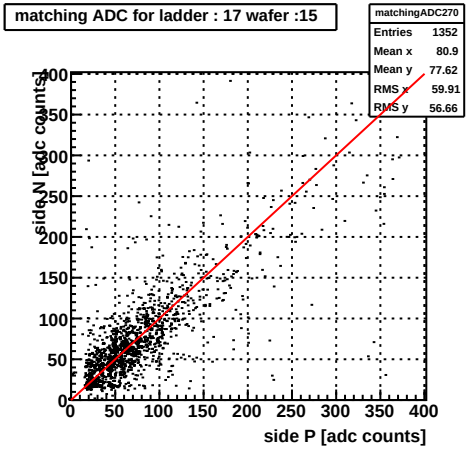

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 1436
Mean x 66.94
Mean y 75.74
RMS x 52.21
RMS y 55.82
side N [adc counts]
side P [adc counts]

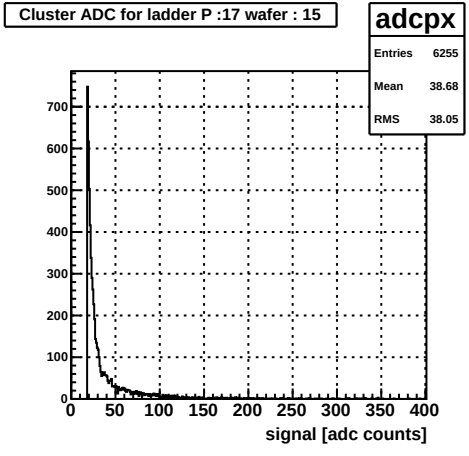

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 5951
Mean 37.33
RMS 37.3
signal [adc counts]

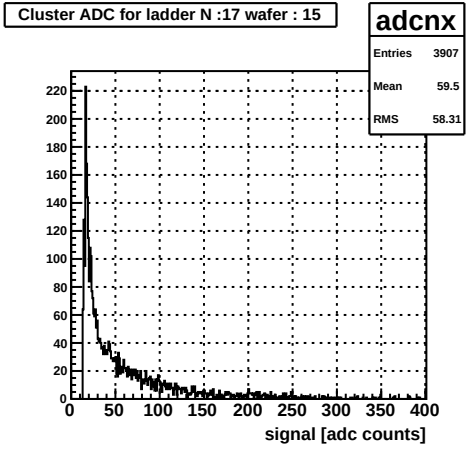

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 2412
Mean 64.61
RMS 56.82
signal [adc counts]

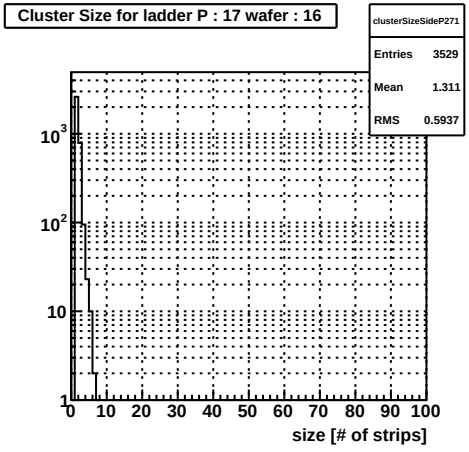

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 6255
Mean 1.183
RMS 0.5092
size [# of strips]

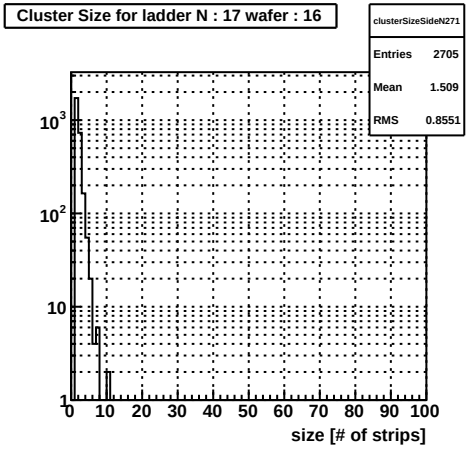

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3907
Mean 1.369
RMS 0.7348
size [# of strips]

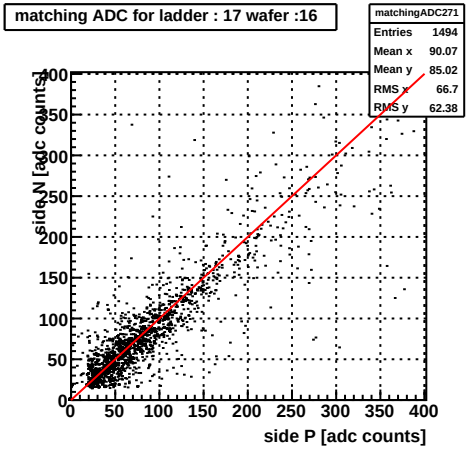

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 1352
Mean x 80.9
Mean y 77.62
RMS x 59.91
RMS y 56.66
side N [adc counts]
side P [adc counts]

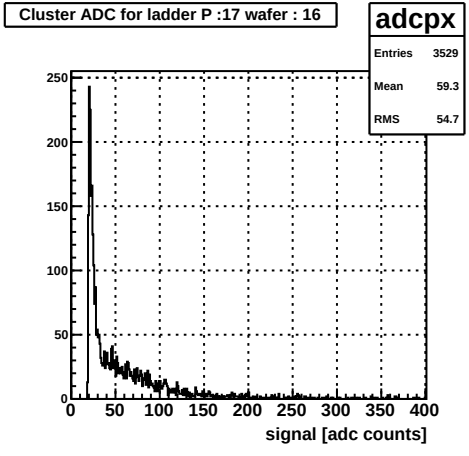

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 6255
Mean 38.68
RMS 38.05
signal [adc counts]

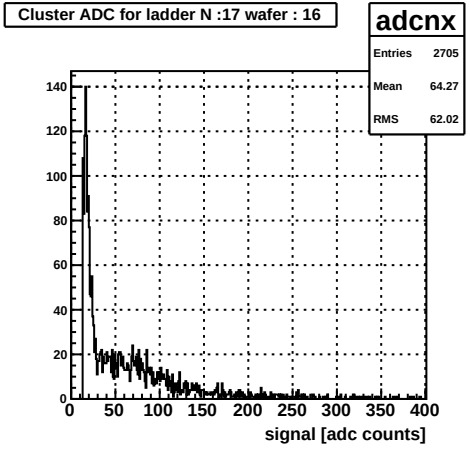

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3907
Mean 59.5
RMS 58.31
signal [adc counts]

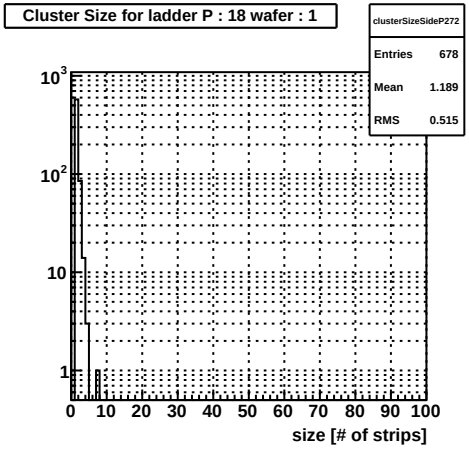

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 3529
Mean 1.311
RMS 0.5937
size [# of strips]

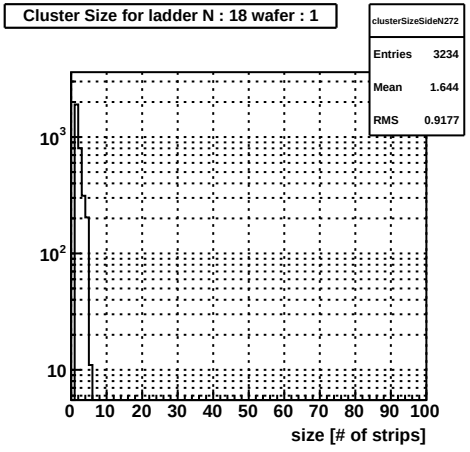

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 2705
Mean 1.509
RMS 0.8551
size [# of strips]

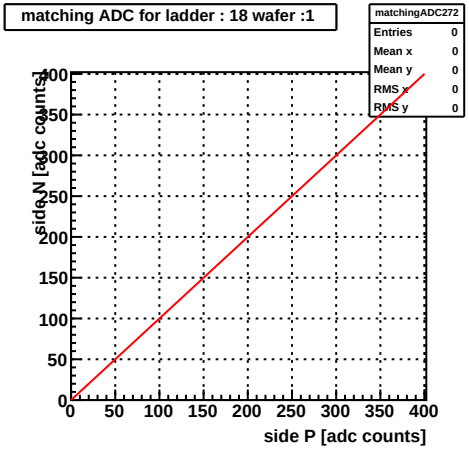

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 1494
Mean x 90.07
Mean y 85.02
RMS x 66.7
RMS y 62.38
side N [adc counts]
side P [adc counts]

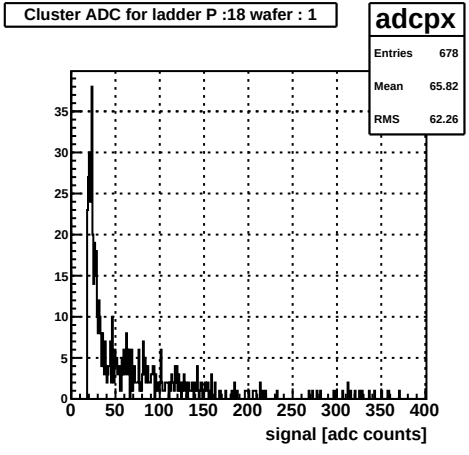

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 3529
Mean 59.3
RMS 54.7
signal [adc counts]

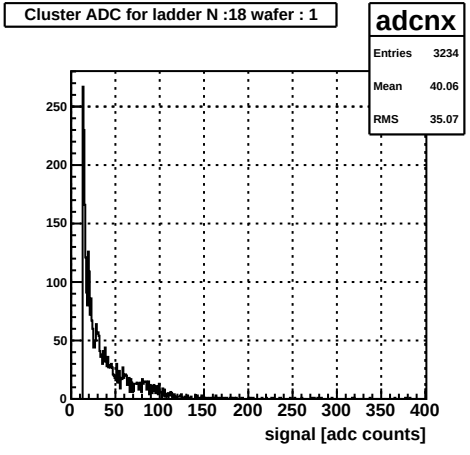

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 2705
Mean 64.27
RMS 62.02
signal [adc counts]

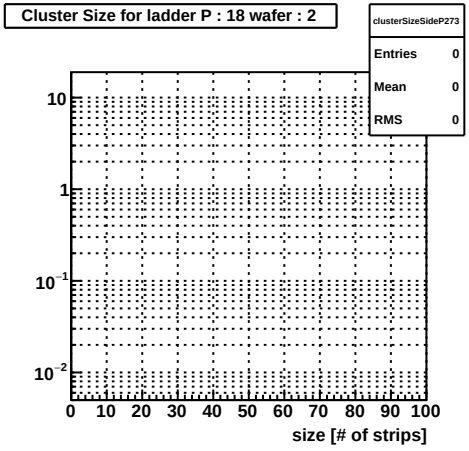

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 678
Mean 1.189
RMS 0.515
size [# of strips]

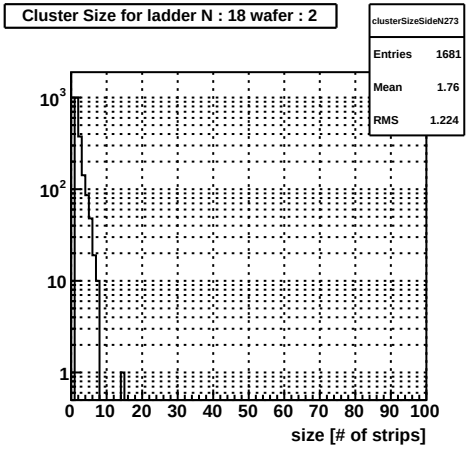

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 3234
Mean 1.644
RMS 0.9177
size [# of strips]

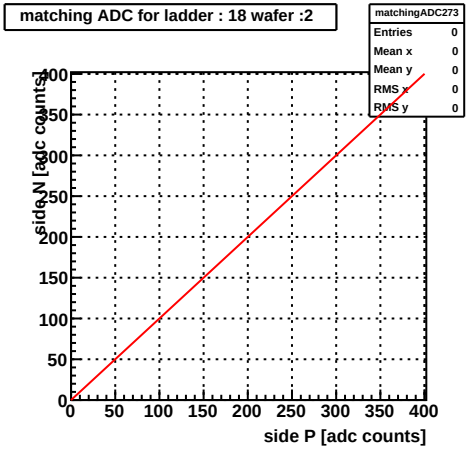

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

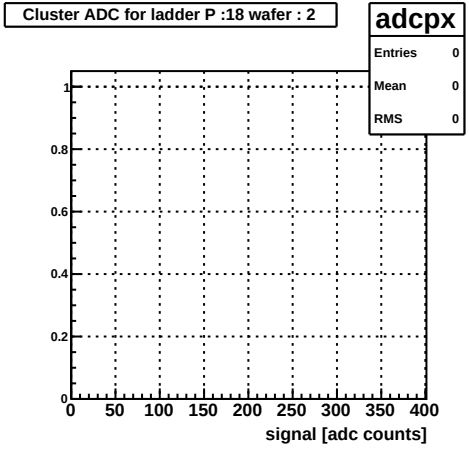

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 678
Mean 65.82
RMS 62.26
signal [adc counts]

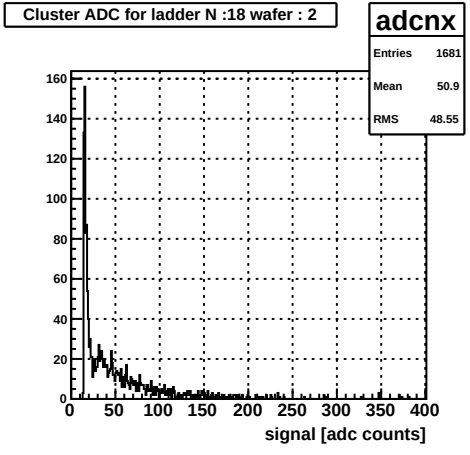

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 3234
Mean 40.06
RMS 35.07
signal [adc counts]

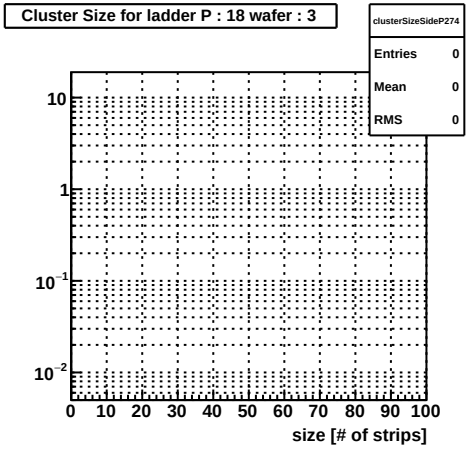

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

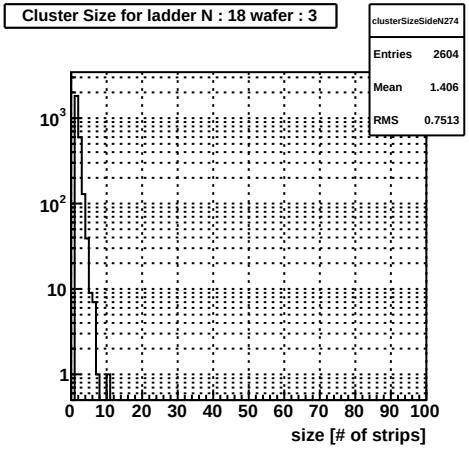

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 1681
Mean 1.76
RMS 1.224
size [# of strips]

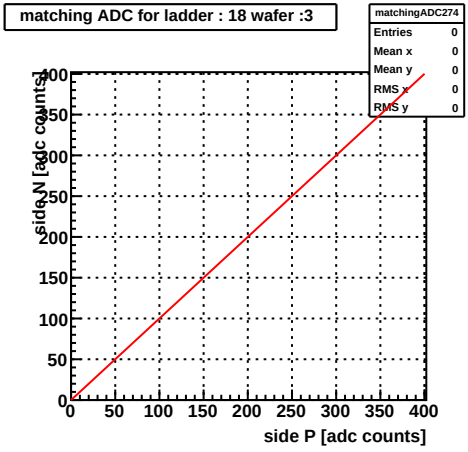

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

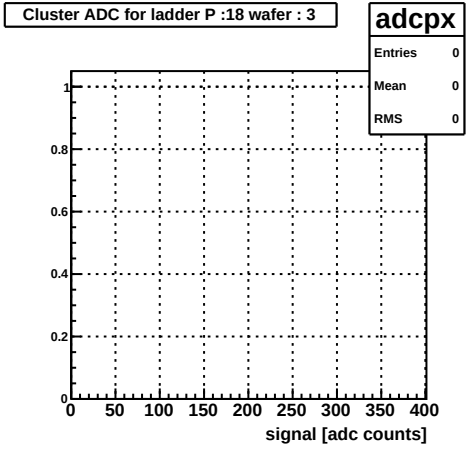

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

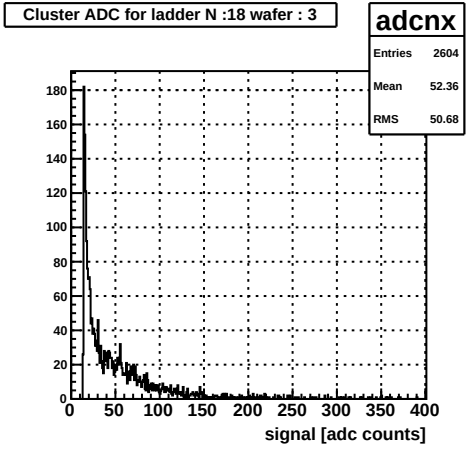

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 1681
Mean 50.9
RMS 48.55
signal [adc counts]

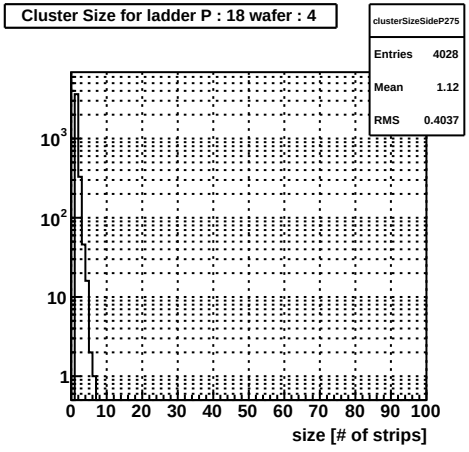

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

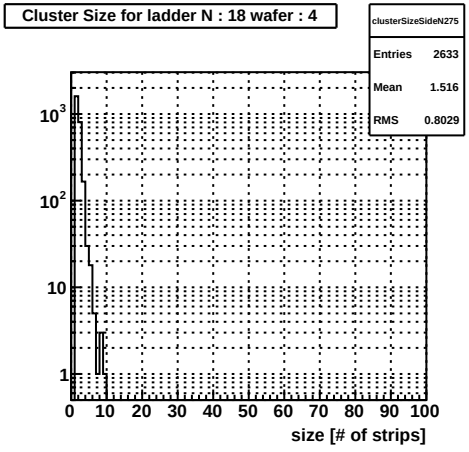

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 2604
Mean 1.406
RMS 0.7513
size [# of strips]

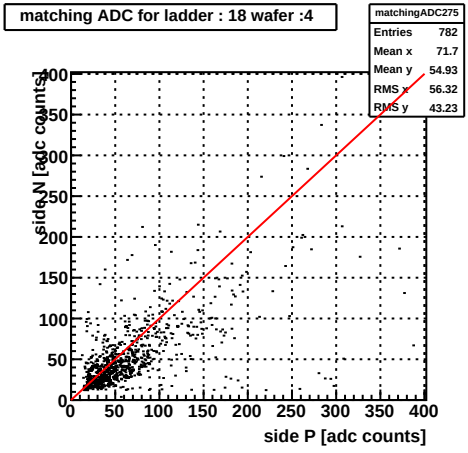

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

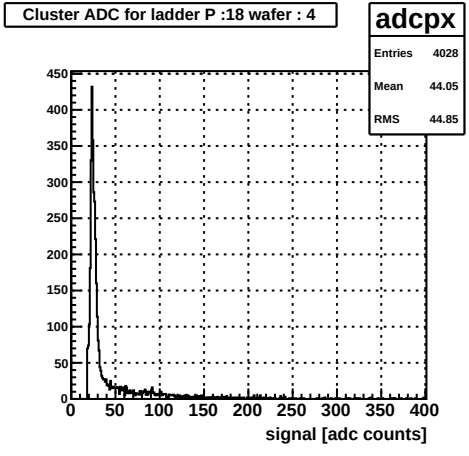

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

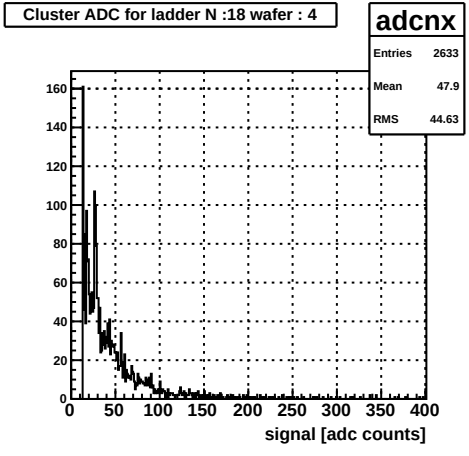

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 2604
Mean 52.36
RMS 50.68
signal [adc counts]

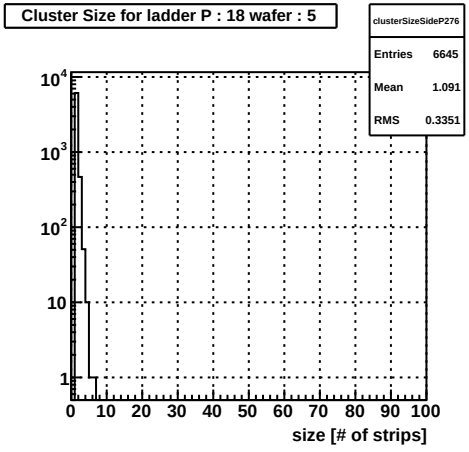

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4028
Mean 1.12
RMS 0.4037
size [# of strips]

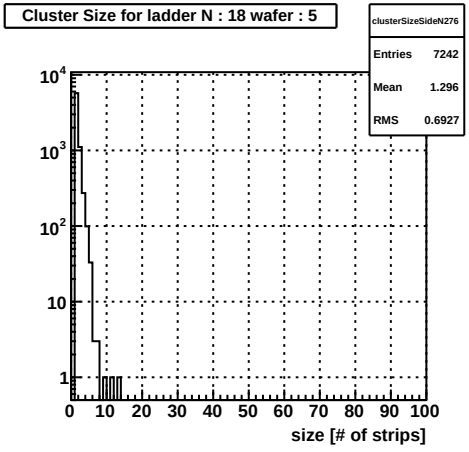

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 2633
Mean 1.516
RMS 0.8029
size [# of strips]

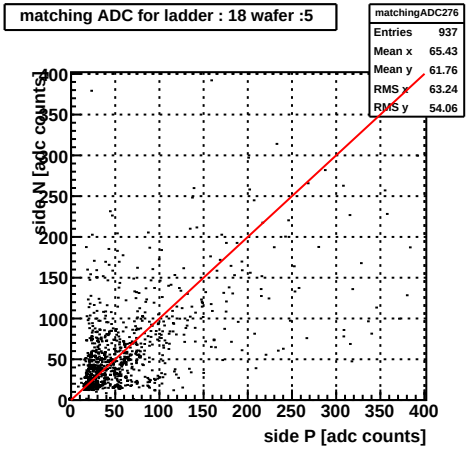

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 782
Mean x 71.7
Mean y 54.93
RMS x 56.32
RMS y 43.23
side N [adc counts]
side P [adc counts]

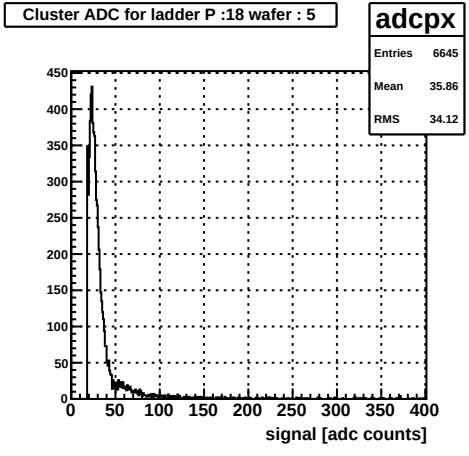

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4028
Mean 44.05
RMS 44.85
signal [adc counts]

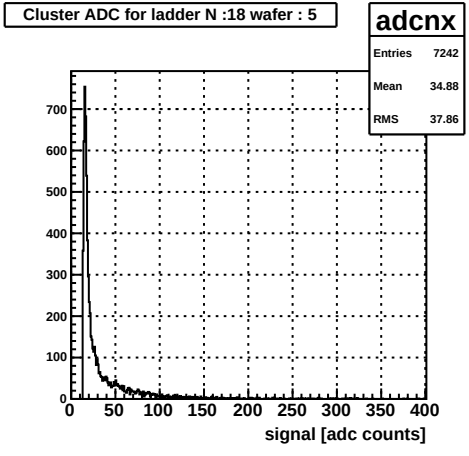

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 2633
Mean 47.9
RMS 44.63
signal [adc counts]

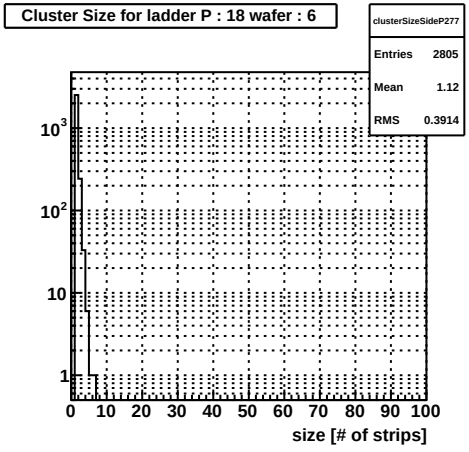

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 6645
Mean 1.091
RMS 0.3351
size [# of strips]

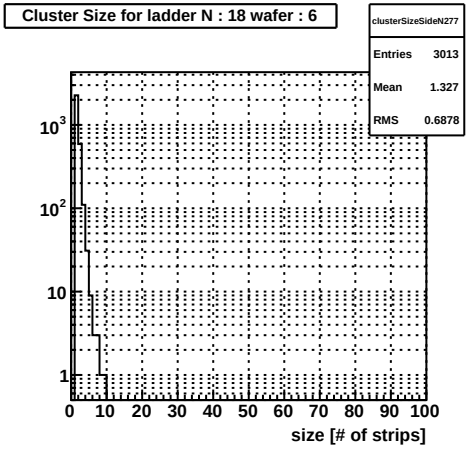

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 7242
Mean 1.296
RMS 0.6927
size [# of strips]

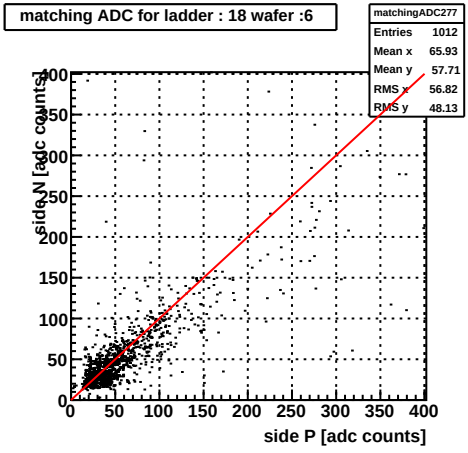

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 937
Mean x 65.43
Mean y 61.76
RMS x 63.24
RMS y 54.06
side N [adc counts]
side P [adc counts]

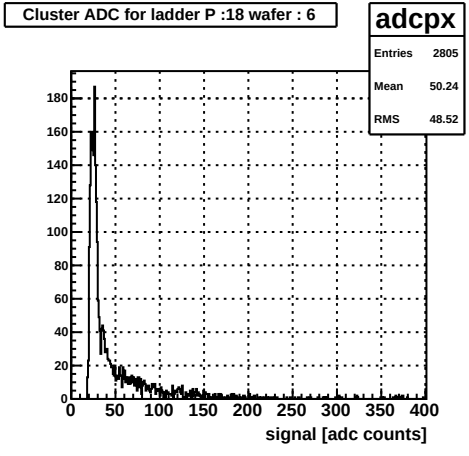

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 6645
Mean 35.86
RMS 34.12
signal [adc counts]

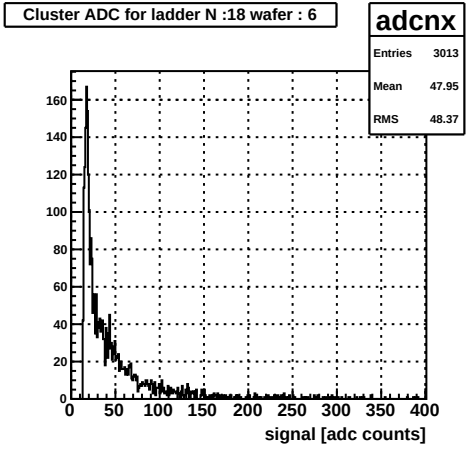

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 7242
Mean 34.88
RMS 37.86
signal [adc counts]

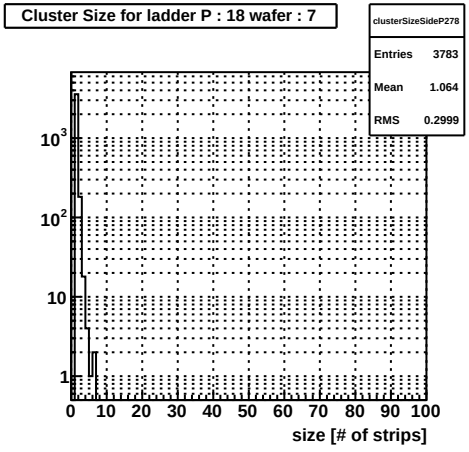

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 2805
Mean 1.12
RMS 0.3914
size [# of strips]

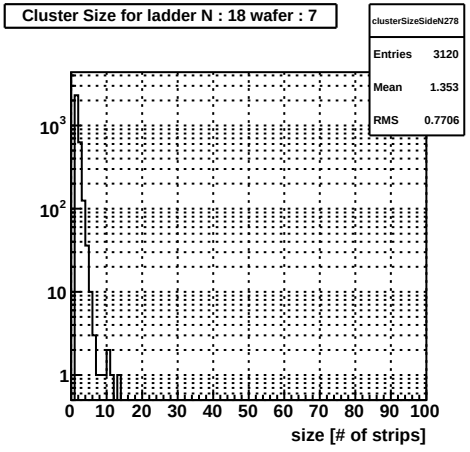

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 3013
Mean 1.327
RMS 0.6878
size [# of strips]

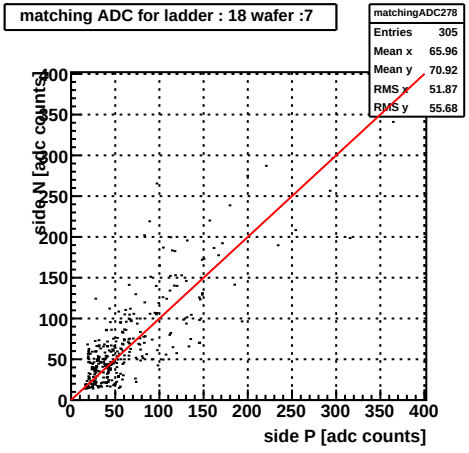

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 1012
Mean x 65.93
Mean y 57.71
RMS x 56.82
RMS y 48.13
side N [adc counts]
side P [adc counts]

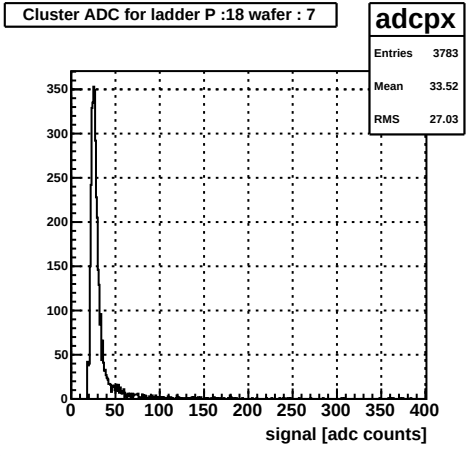

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 2805
Mean 50.24
RMS 48.52
signal [adc counts]

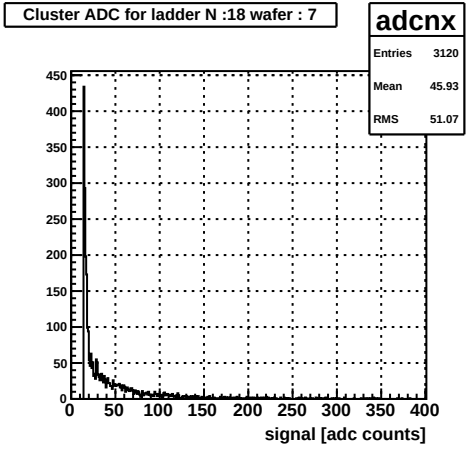

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 3013
Mean 47.95
RMS 48.37
signal [adc counts]

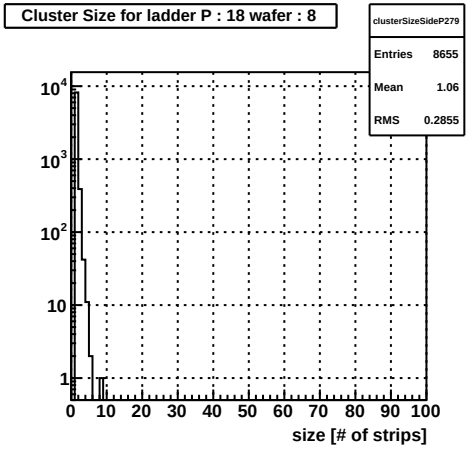

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 3783
Mean 1.064
RMS 0.2999
size [# of strips]

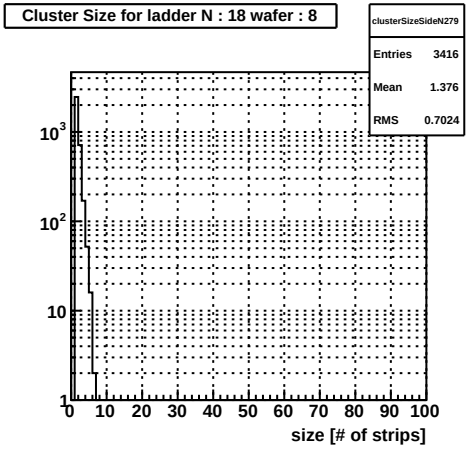

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 3120
Mean 1.353
RMS 0.7706
size [# of strips]

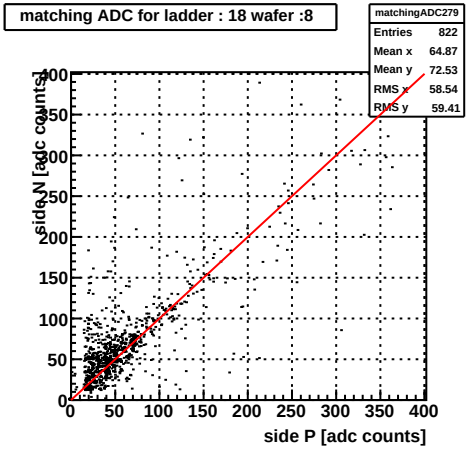

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 305
Mean x 65.96
Mean y 70.92
RMS x 51.87
RMS y 55.68
side N [adc counts]
side P [adc counts]

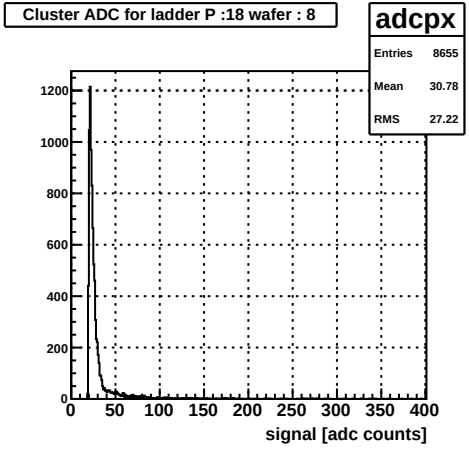

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 3783
Mean 33.52
RMS 27.03
signal [adc counts]

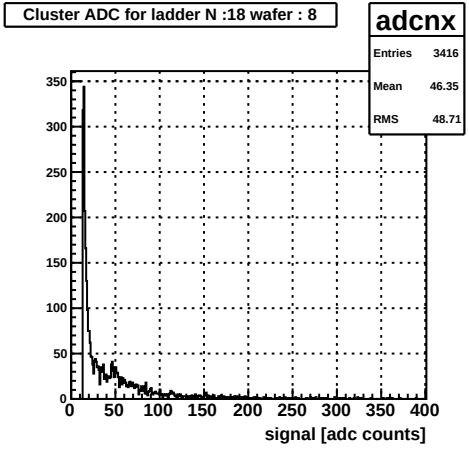

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 3120
Mean 45.93
RMS 51.07
signal [adc counts]

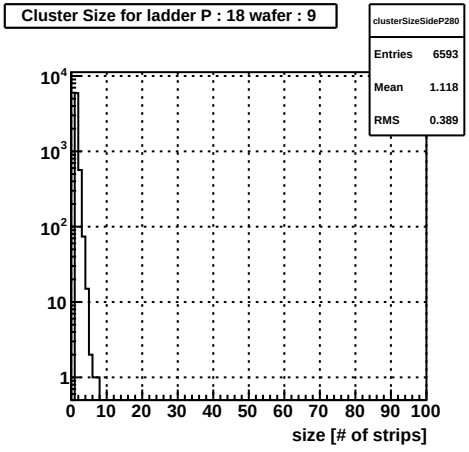

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 8655
Mean 1.06
RMS 0.2855
size [# of strips]

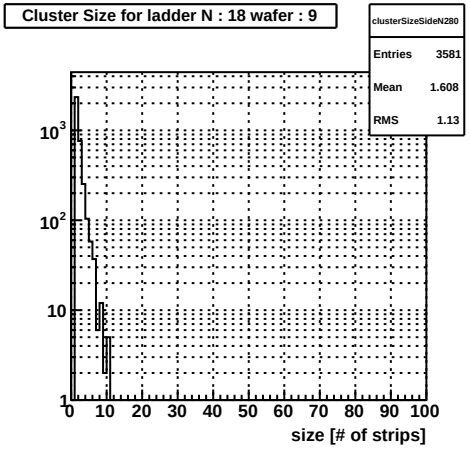

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 3416
Mean 1.376
RMS 0.7024
size [# of strips]

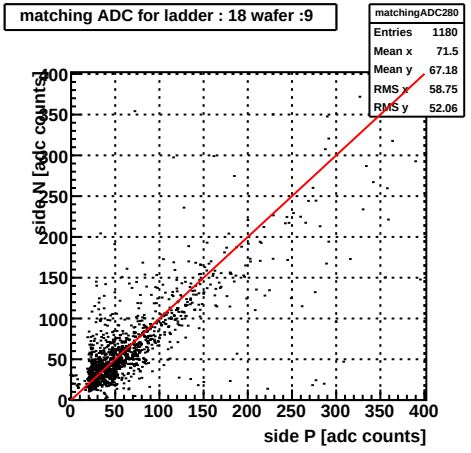

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 822
Mean x 64.87
Mean y 72.53
RMS x 58.54
RMS y 59.41
side N [adc counts]
side P [adc counts]

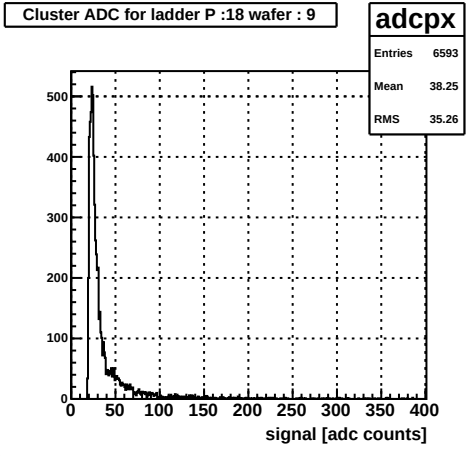

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 8655
Mean 30.78
RMS 27.22
signal [adc counts]

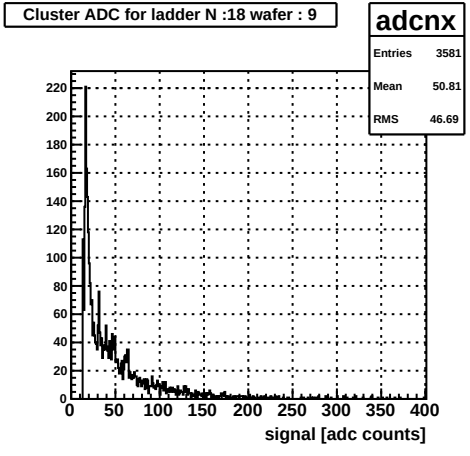

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 3416
Mean 46.35
RMS 48.71
signal [adc counts]

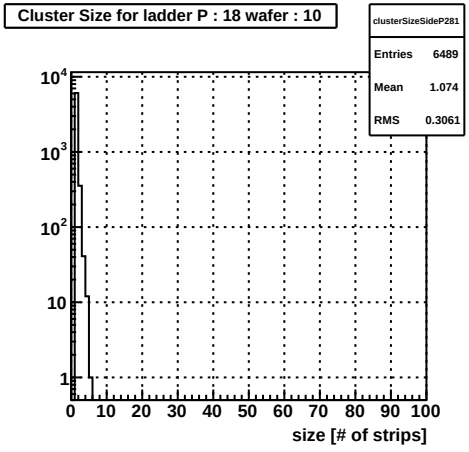

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 6593
Mean 1.118
RMS 0.389
size [# of strips]

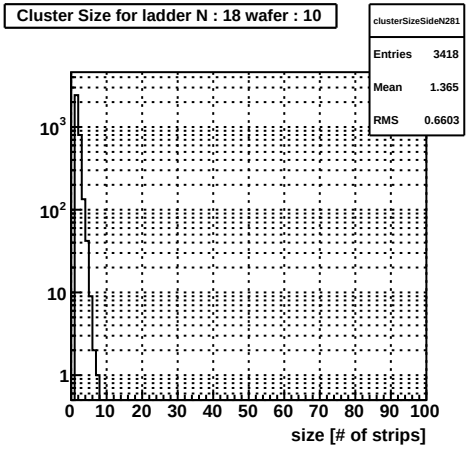

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 3581
Mean 1.608
RMS 1.13
size [# of strips]

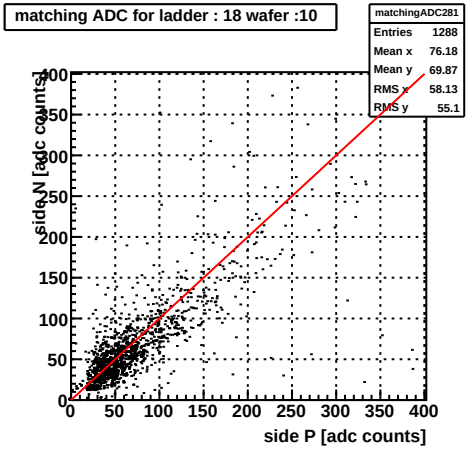

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 1180
Mean x 71.5
Mean y 67.18
RMS x 58.75
RMS y 52.06
side N [adc counts]
side P [adc counts]

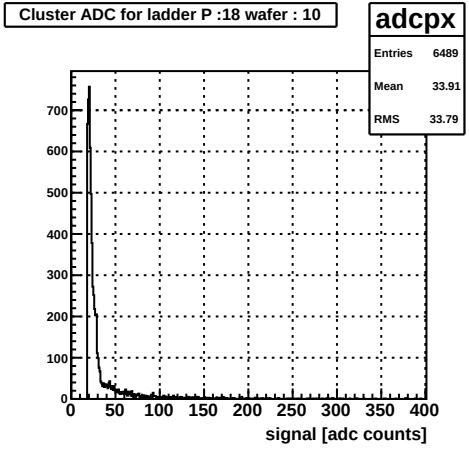

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 6593
Mean 38.25
RMS 35.26
signal [adc counts]

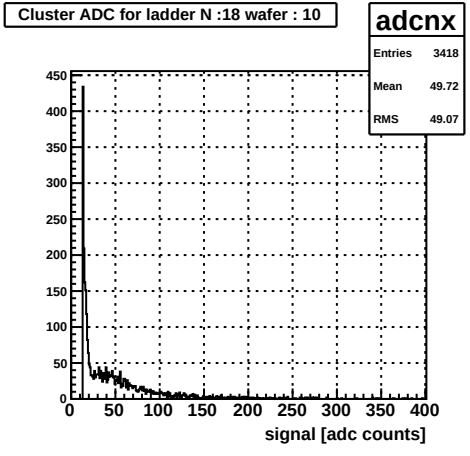

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 3581
Mean 50.81
RMS 46.69
signal [adc counts]

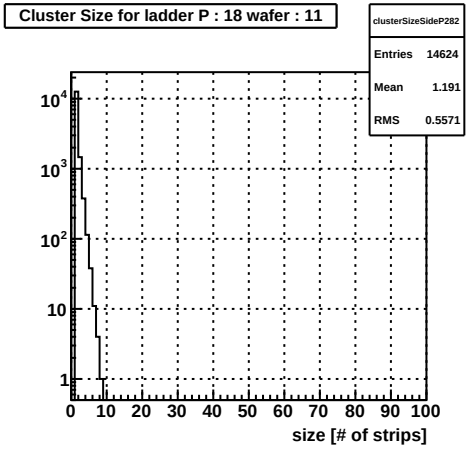

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 6489
Mean 1.074
RMS 0.3061
size [# of strips]

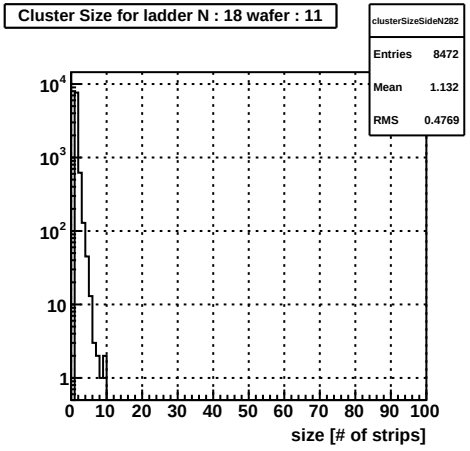

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 3418
Mean 1.365
RMS 0.6603
size [# of strips]

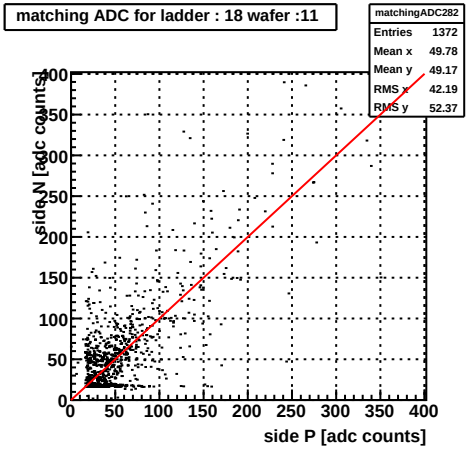

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 1288
Mean x 76.18
Mean y 69.87
RMS x 58.13
RMS y 55.1
side N [adc counts]
side P [adc counts]

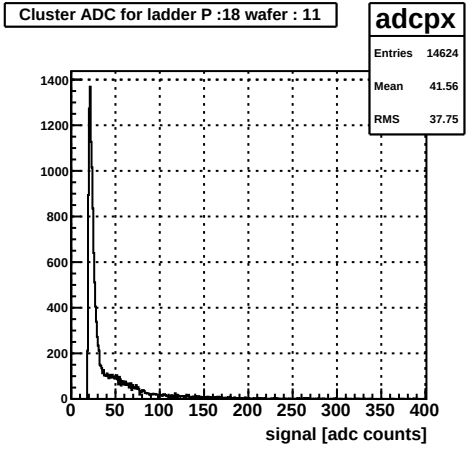

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 6489
Mean 33.91
RMS 33.79
signal [adc counts]

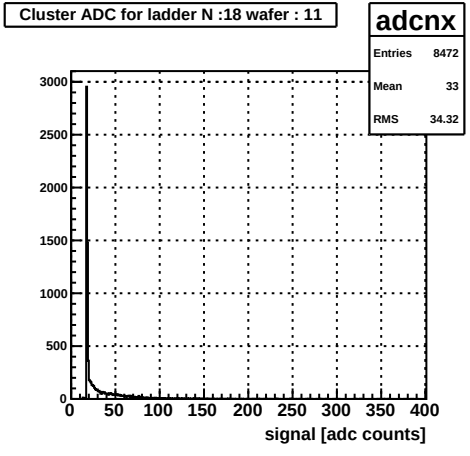

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 3418
Mean 49.72
RMS 49.07
signal [adc counts]

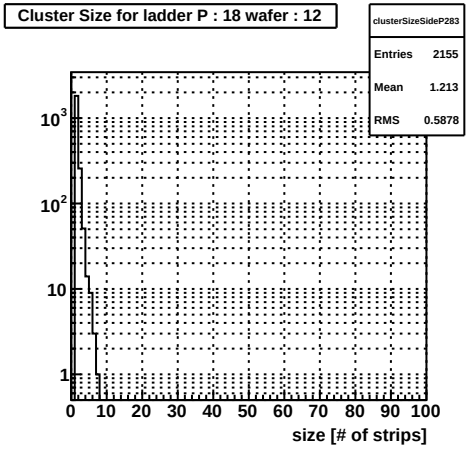

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 14624
Mean 1.191
RMS 0.5571
size [# of strips]

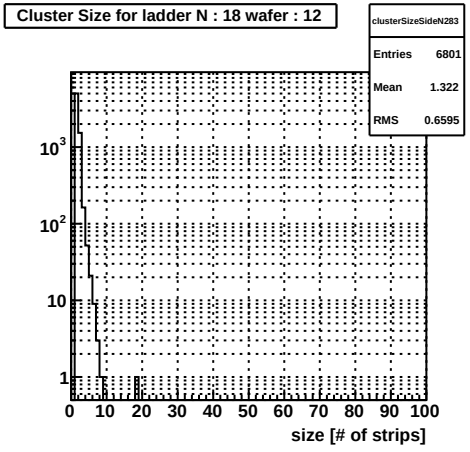

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 8472
Mean 1.132
RMS 0.4769
size [# of strips]

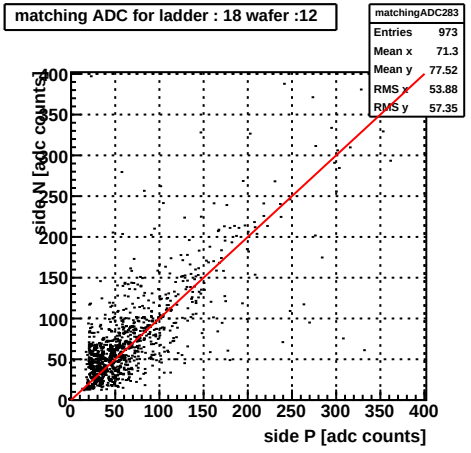

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 1372
Mean x 49.78
Mean y 49.17
RMS x 42.19
RMS y 52.37
side N [adc counts]
side P [adc counts]

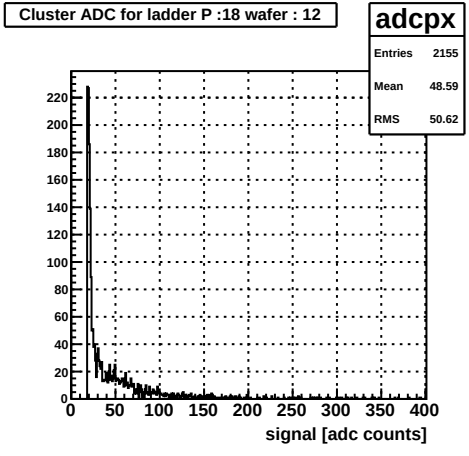

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 14624
Mean 41.56
RMS 37.75
signal [adc counts]

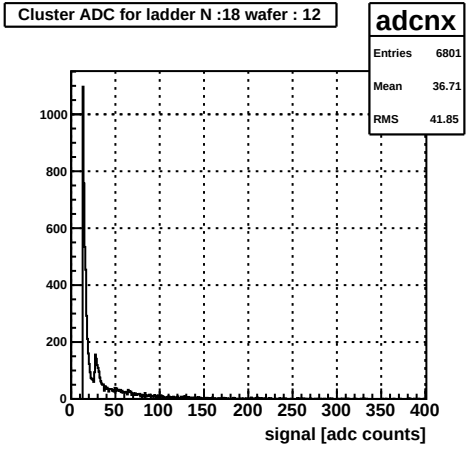

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 8472
Mean 33
RMS 34.32
signal [adc counts]

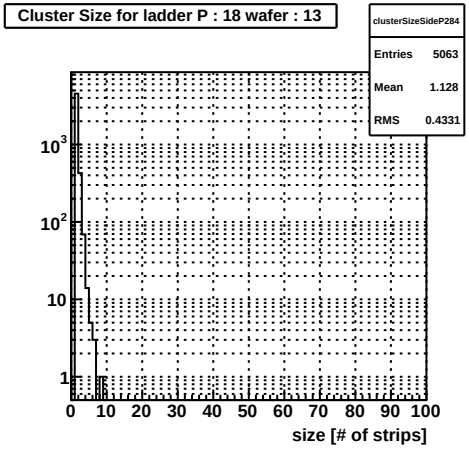

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 2155
Mean 1.213
RMS 0.5878
size [# of strips]

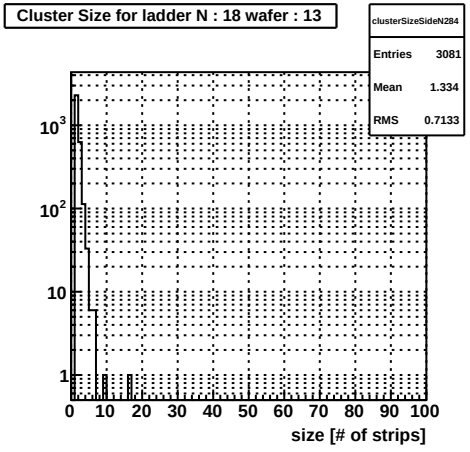

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 6801
Mean 1.322
RMS 0.6595
size [# of strips]

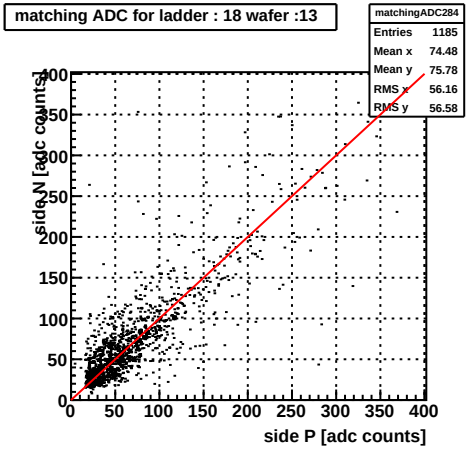

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 973
Mean x 71.3
Mean y 77.52
RMS x 53.88
RMS y 57.35
side N [adc counts]
side P [adc counts]

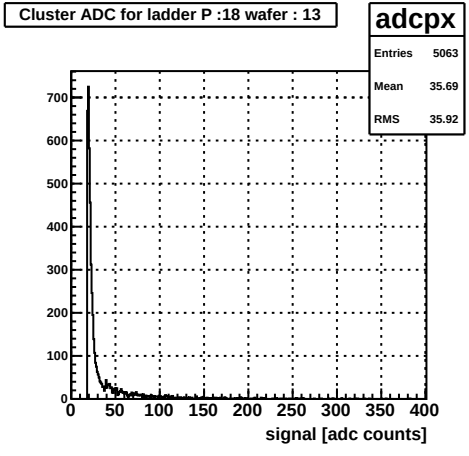

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 2155
Mean 48.59
RMS 50.62
signal [adc counts]

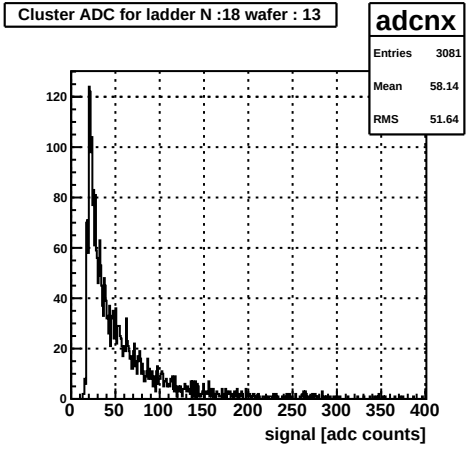

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 6801
Mean 36.71
RMS 41.85
signal [adc counts]

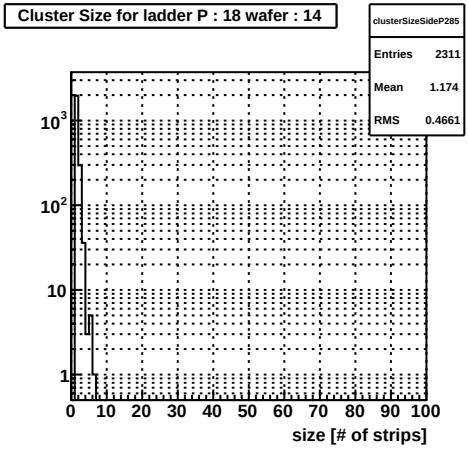

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 5063
Mean 1.128
RMS 0.4331
size [# of strips]

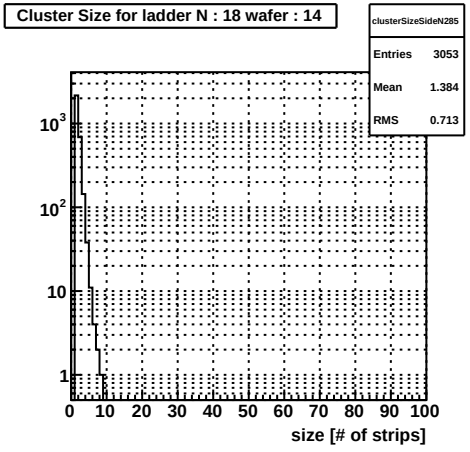

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 3081
Mean 1.334
RMS 0.7133
size [# of strips]

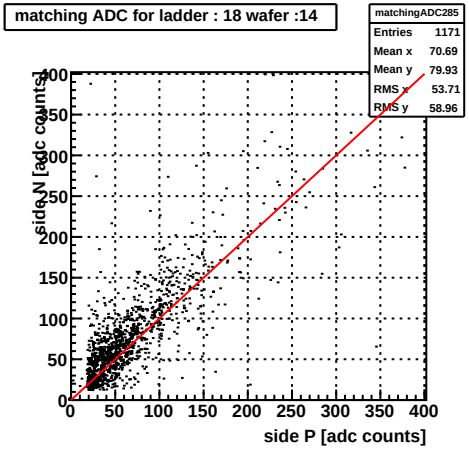

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 1185
Mean x 74.48
Mean y 75.78
RMS x 56.16
RMS y 56.58
side N [adc counts]
side P [adc counts]

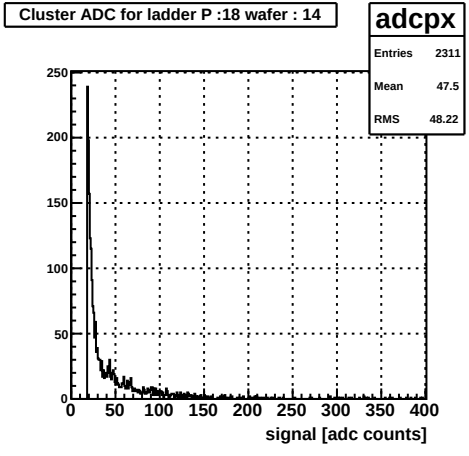

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 5063
Mean 35.69
RMS 35.92
signal [adc counts]

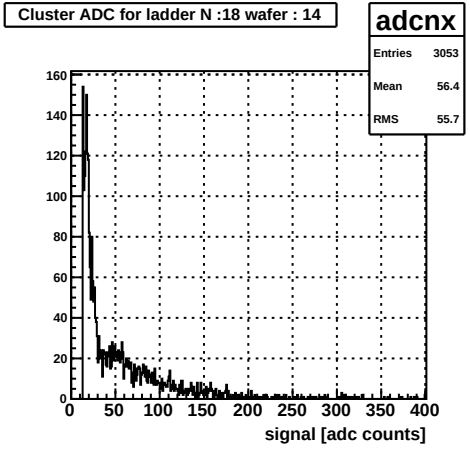

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 3081
Mean 58.14
RMS 51.64
signal [adc counts]

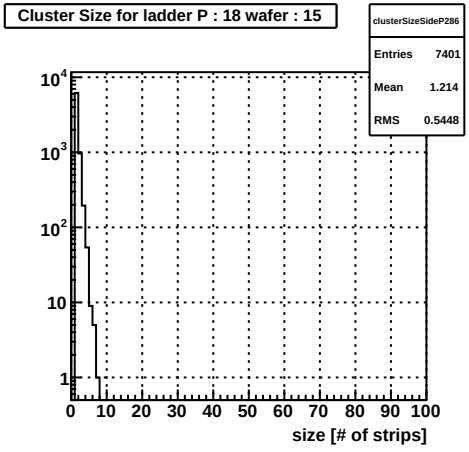

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 2311
Mean 1.174
RMS 0.4661
size [# of strips]

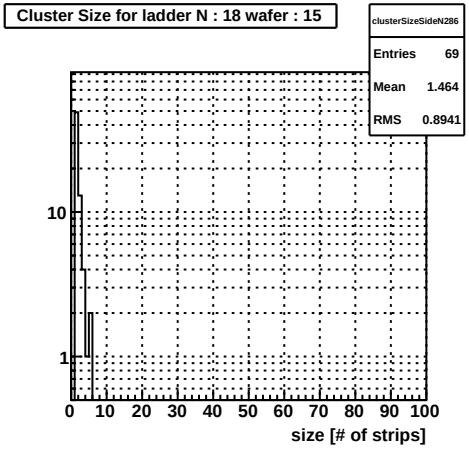

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 3053
Mean 1.384
RMS 0.713
size [# of strips]

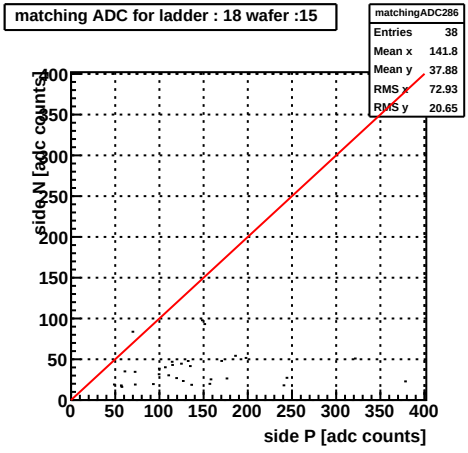

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 1171
Mean x 70.69
Mean y 79.93
RMS x 53.71
RMS y 58.96
side N [adc counts]
side P [adc counts]

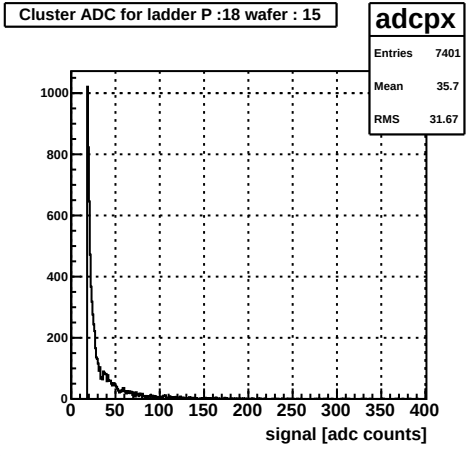

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 2311
Mean 47.5
RMS 48.22
signal [adc counts]

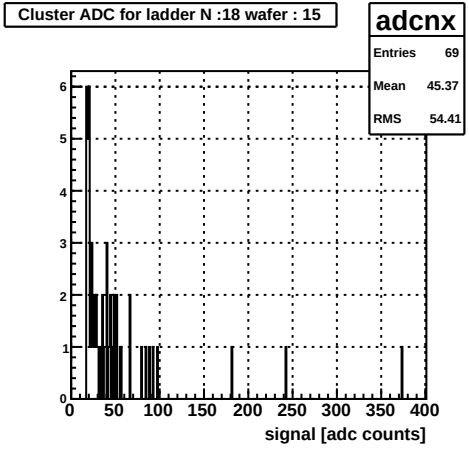

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 3053
Mean 56.4
RMS 55.7
signal [adc counts]

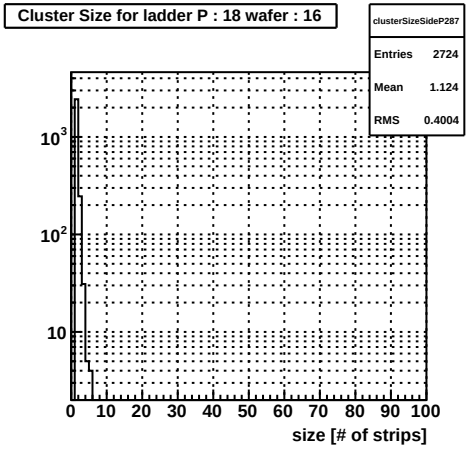

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 7401
Mean 1.214
RMS 0.5448
size [# of strips]

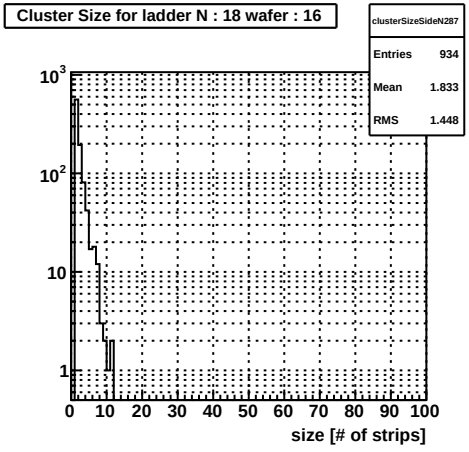

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 69
Mean 1.464
RMS 0.8941
size [# of strips]

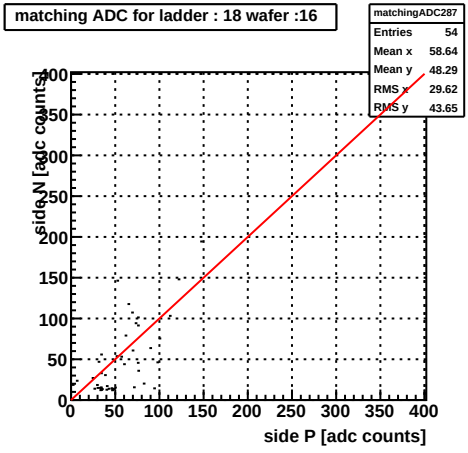

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 38
Mean x 141.8
Mean y 37.88
RMS x 72.93
RMS y 20.65
side N [adc counts]
side P [adc counts]

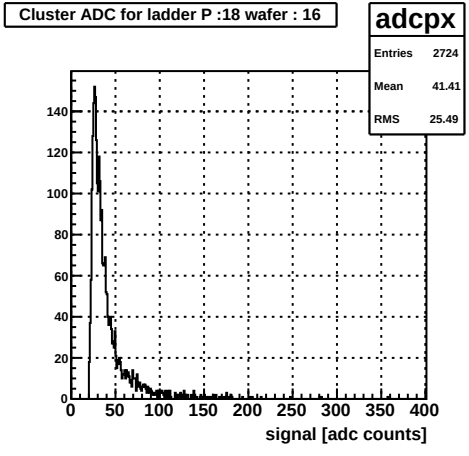

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 7401
Mean 35.7
RMS 31.67
signal [adc counts]

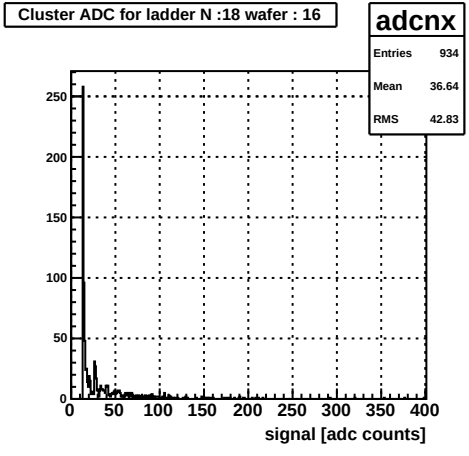

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 69
Mean 45.37
RMS 54.41
signal [adc counts]

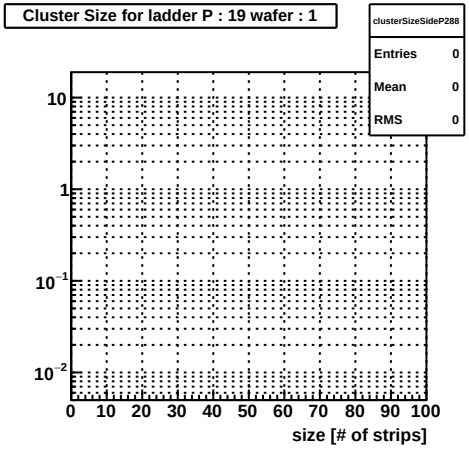

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 2724
Mean 1.124
RMS 0.4004
size [# of strips]

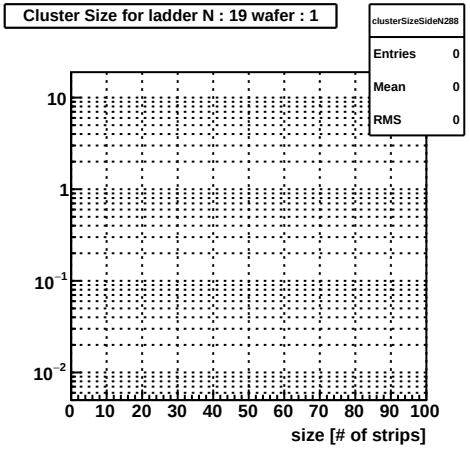

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 934
Mean 1.833
RMS 1.448
size [# of strips]

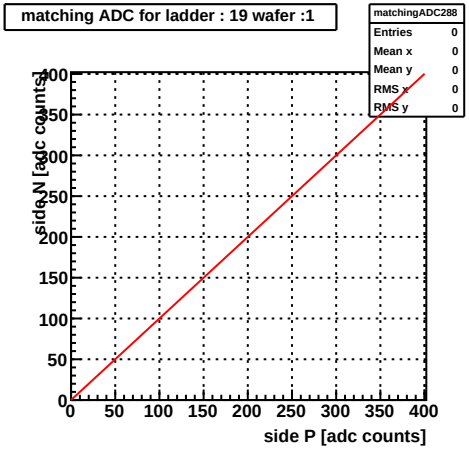

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 54
Mean x 58.64
Mean y 48.29
RMS x 29.62
RMS y 43.65
side N [adc counts]
side P [adc counts]

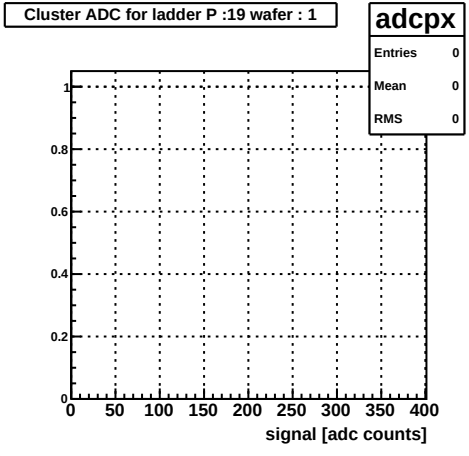

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 2724
Mean 41.41
RMS 25.49
signal [adc counts]

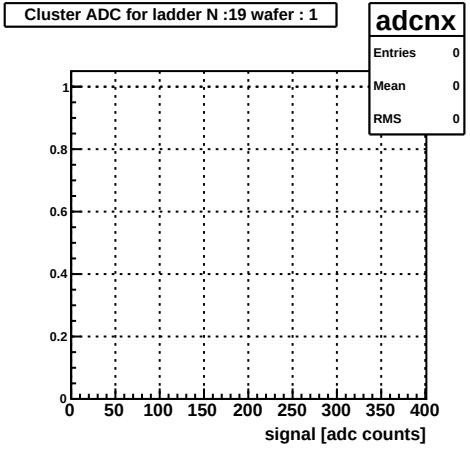

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 934
Mean 36.64
RMS 42.83
signal [adc counts]

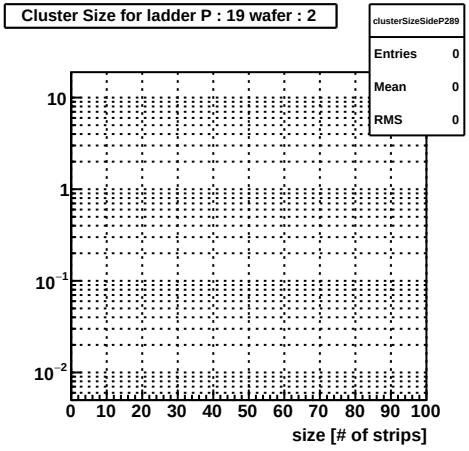

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

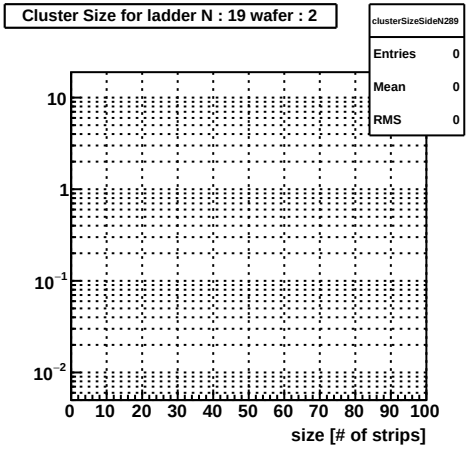

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

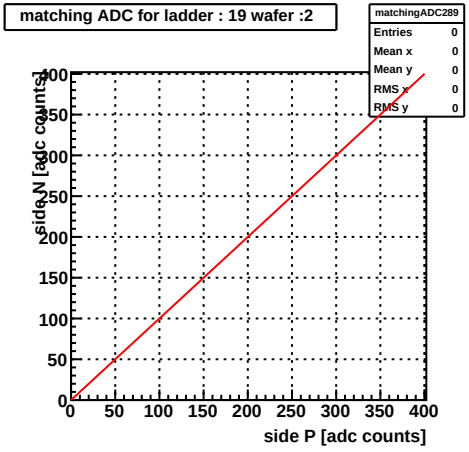

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

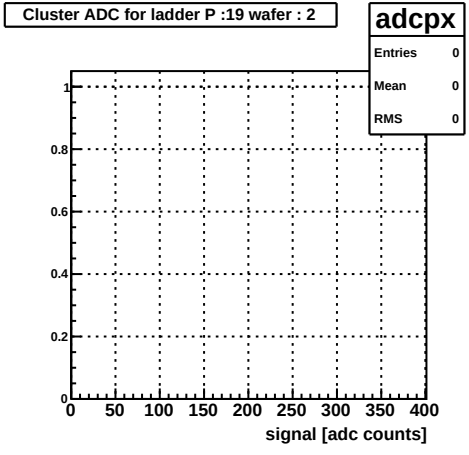

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

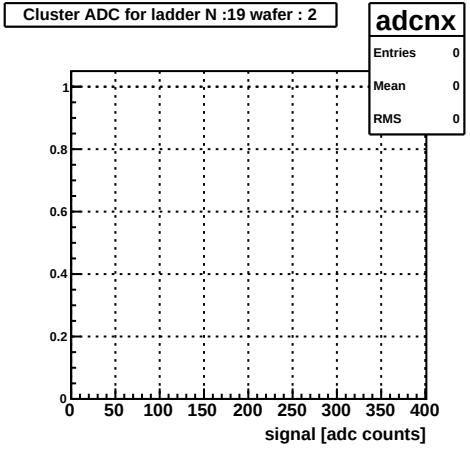

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

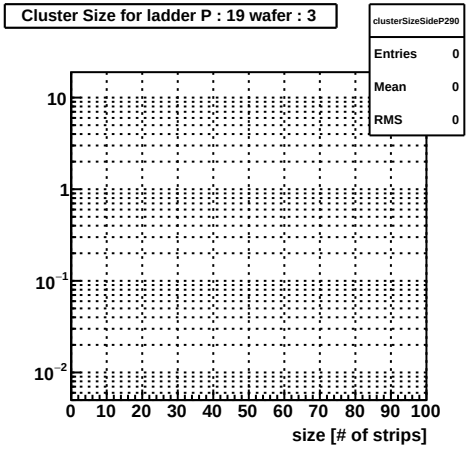

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

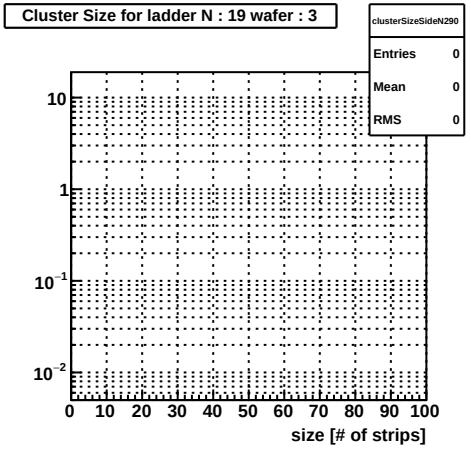

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

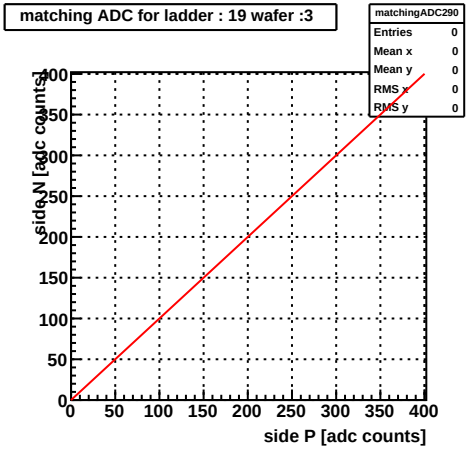

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

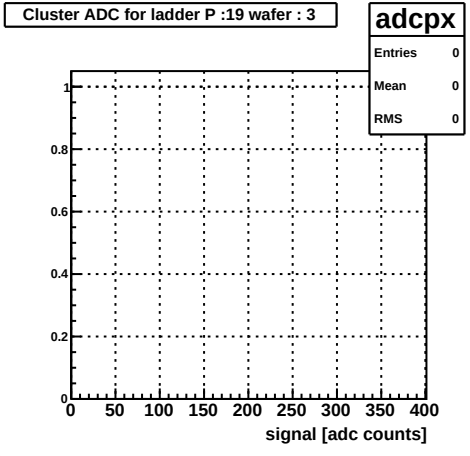

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

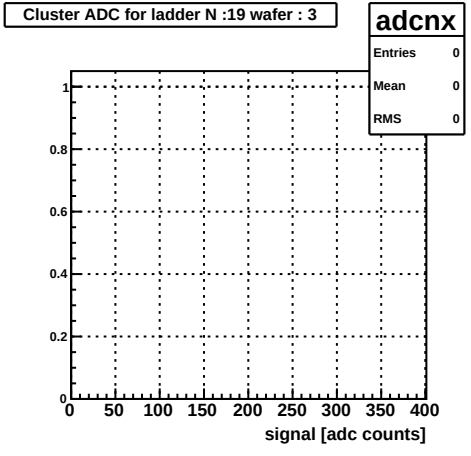

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

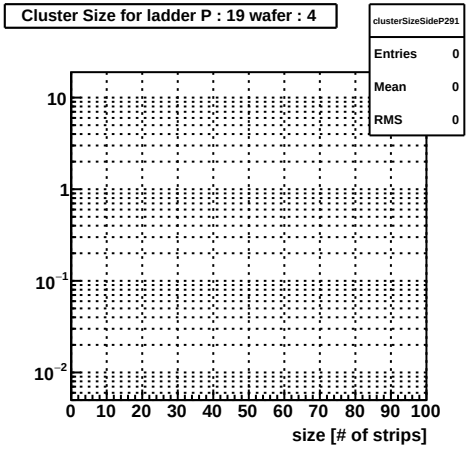

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

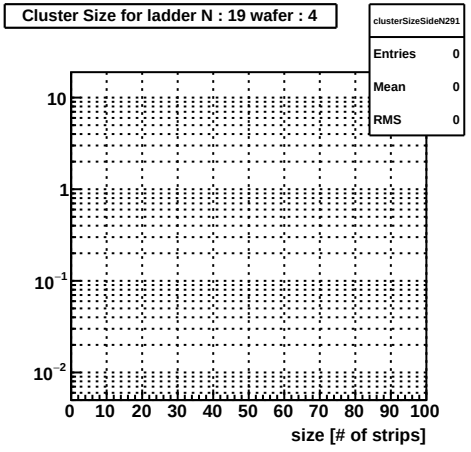

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

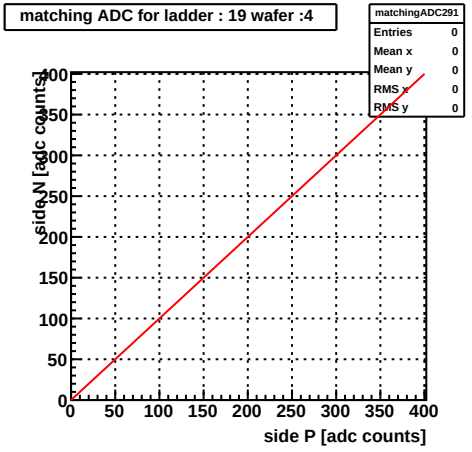

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

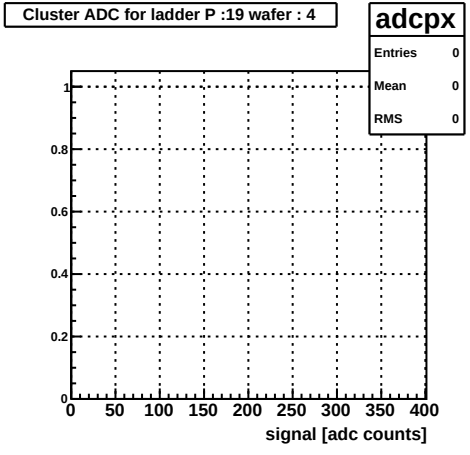

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

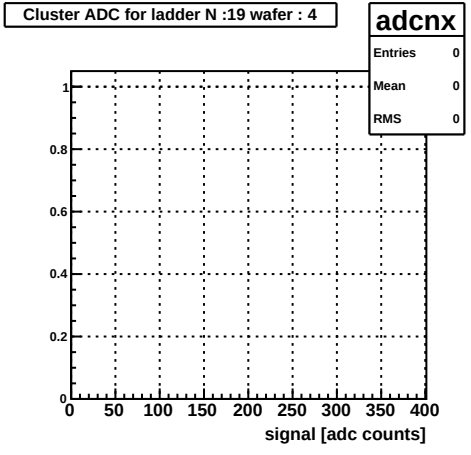

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

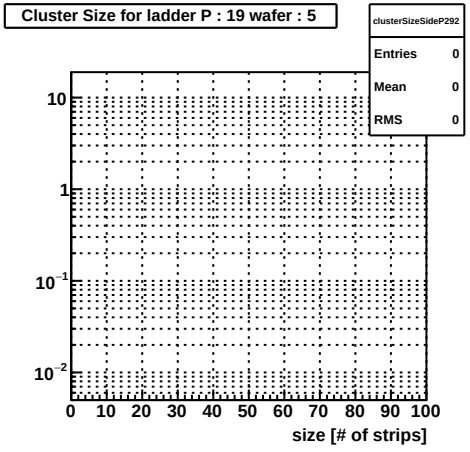

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

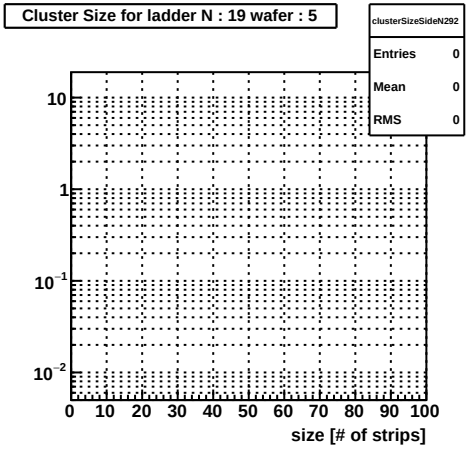

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

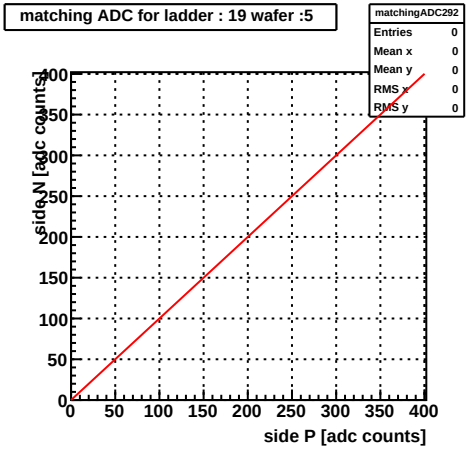

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

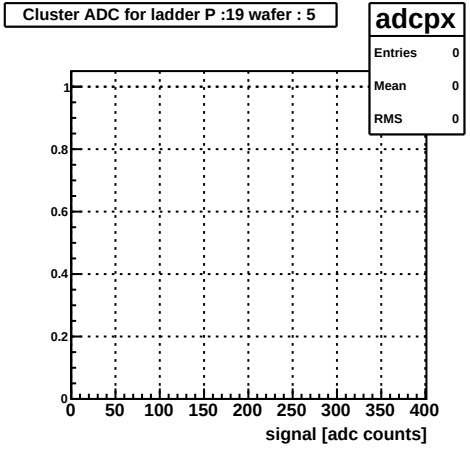

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

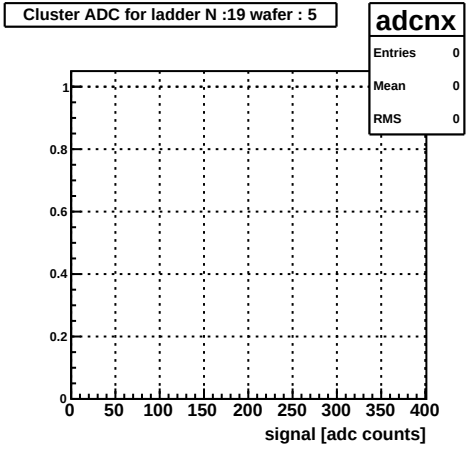

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

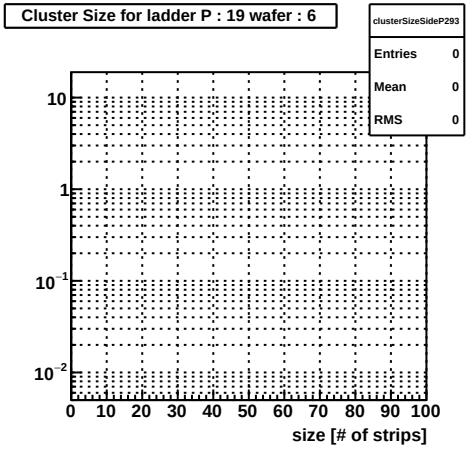

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

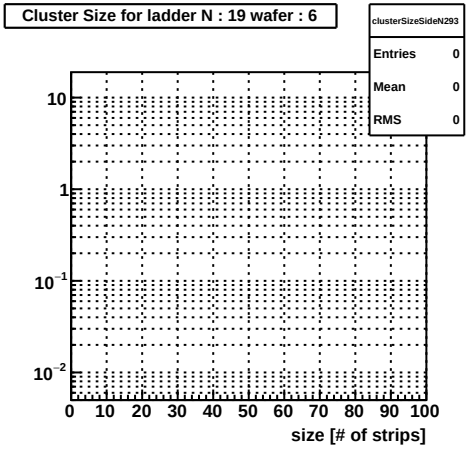

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

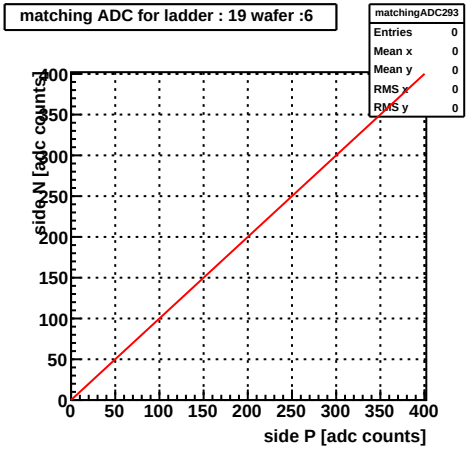

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

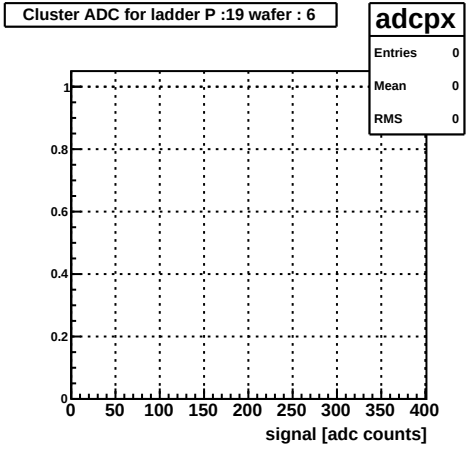

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

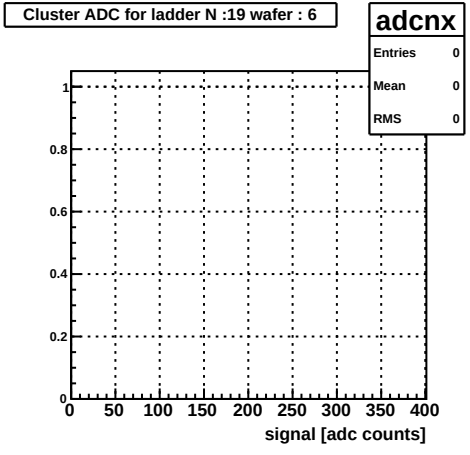

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

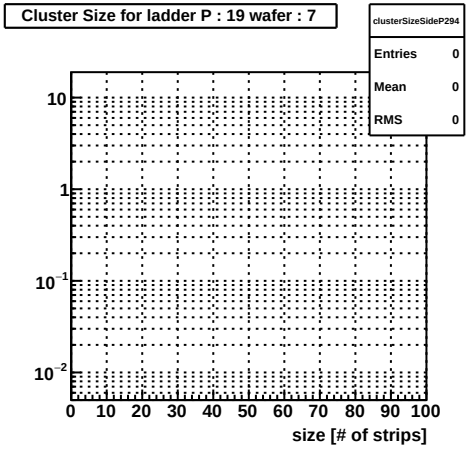

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

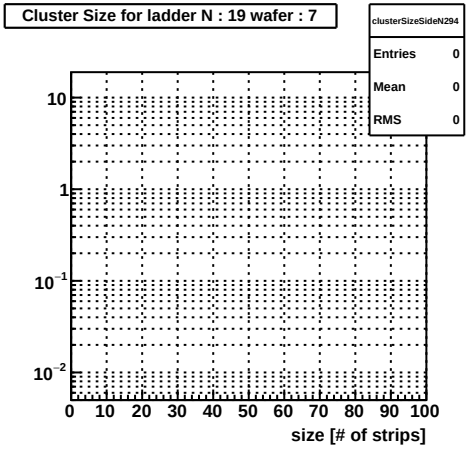

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

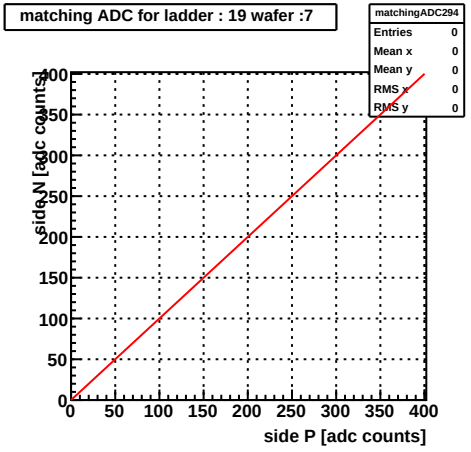

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

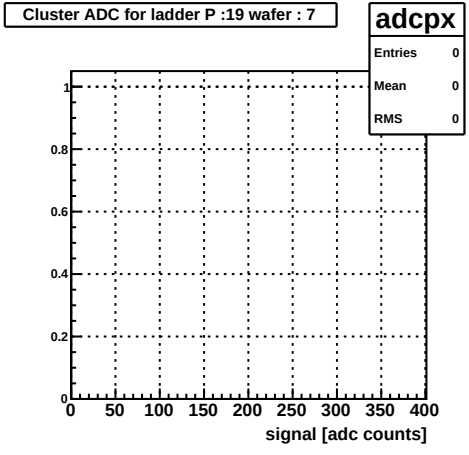

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

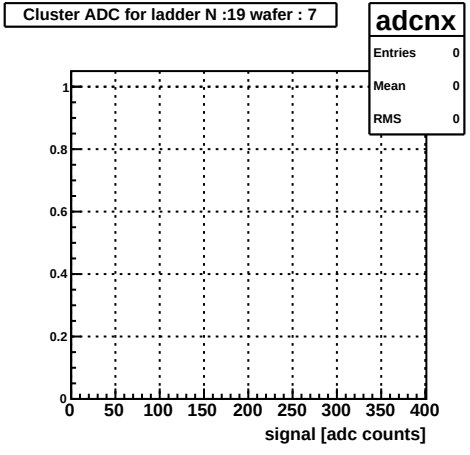

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

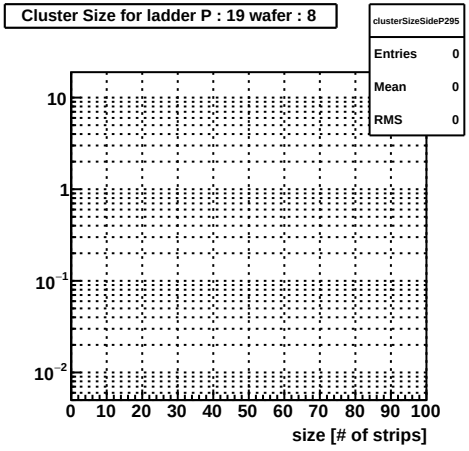

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

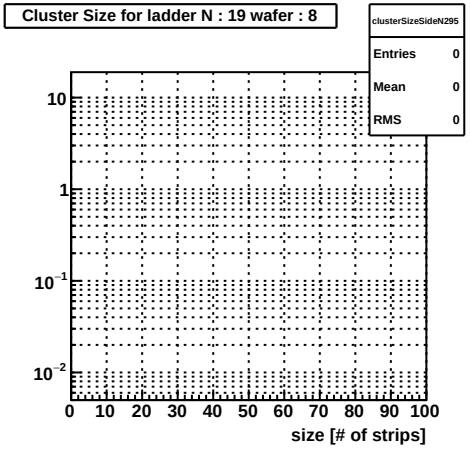

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

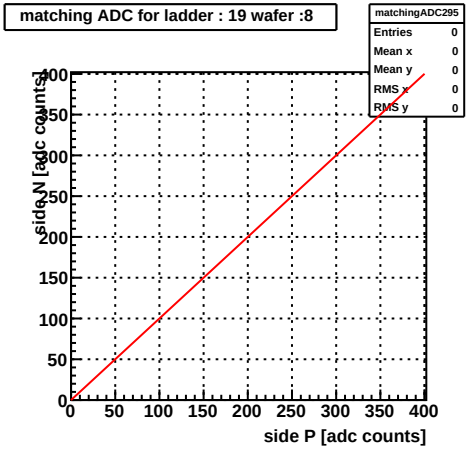

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

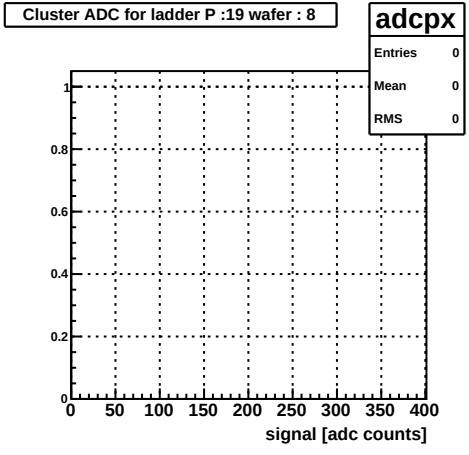

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

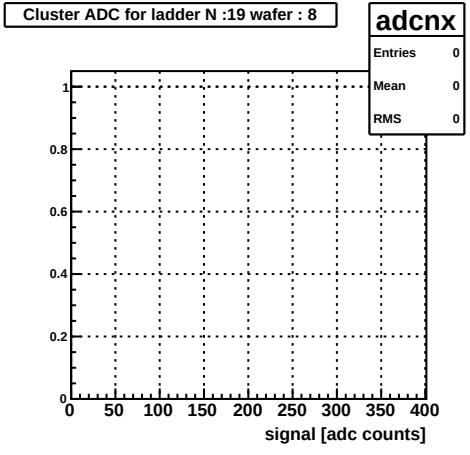

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

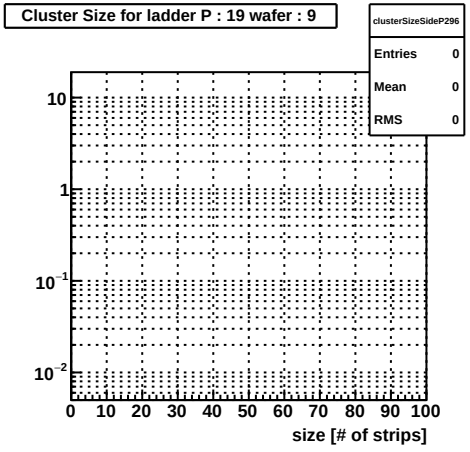

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

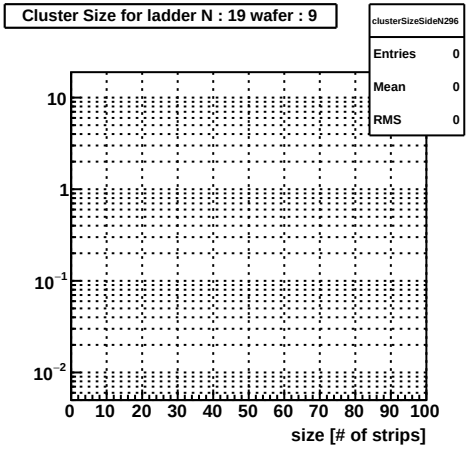

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

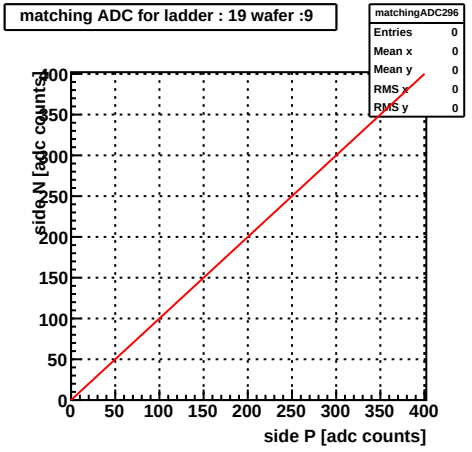

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

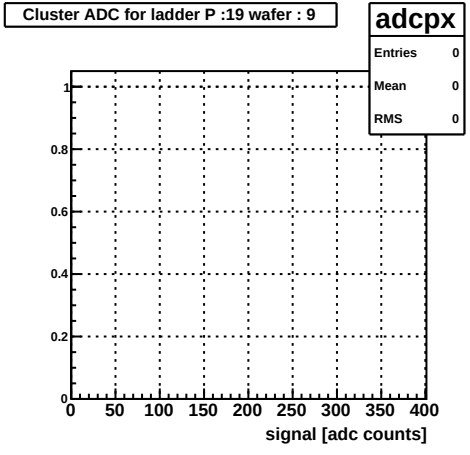

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

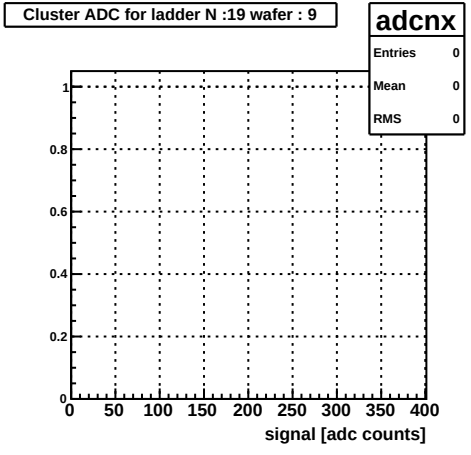

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

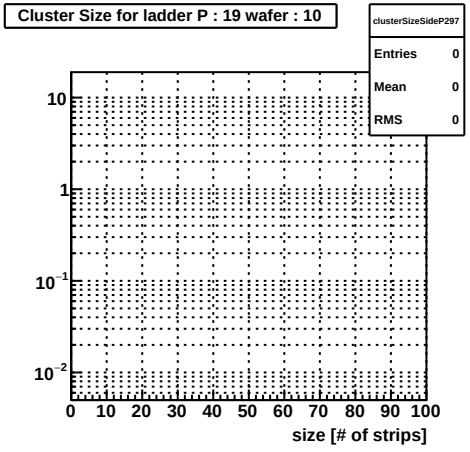

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

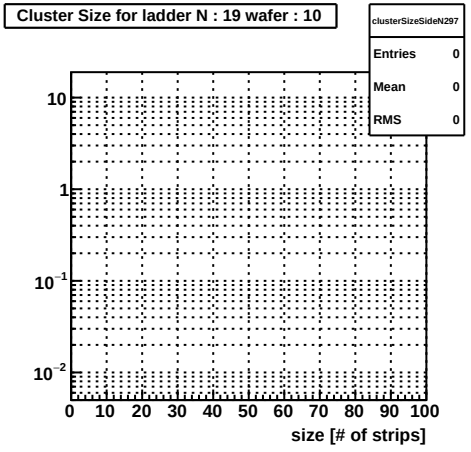

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

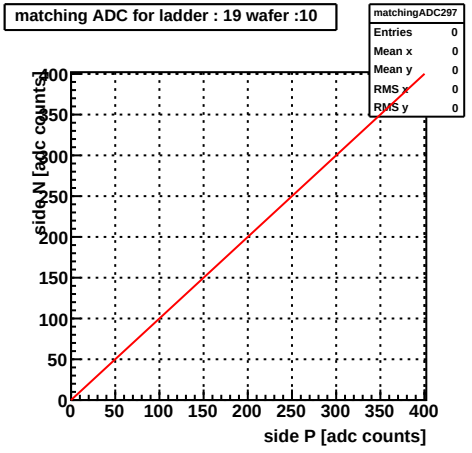

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

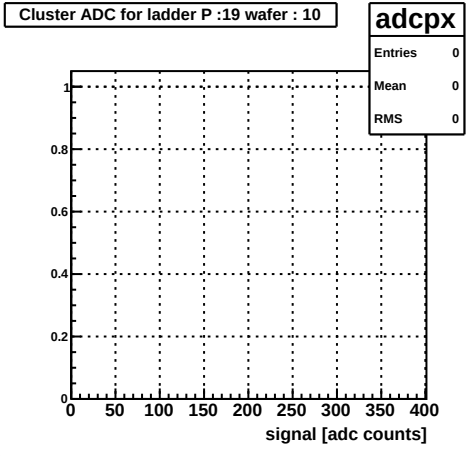

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

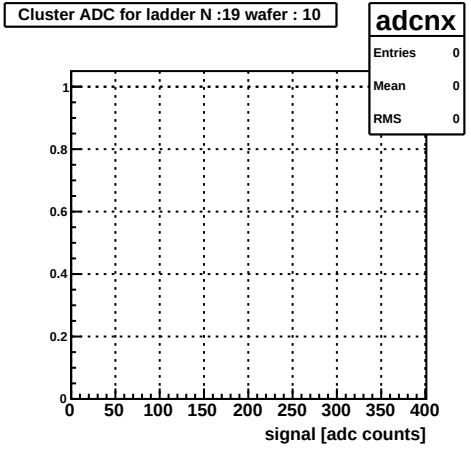

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

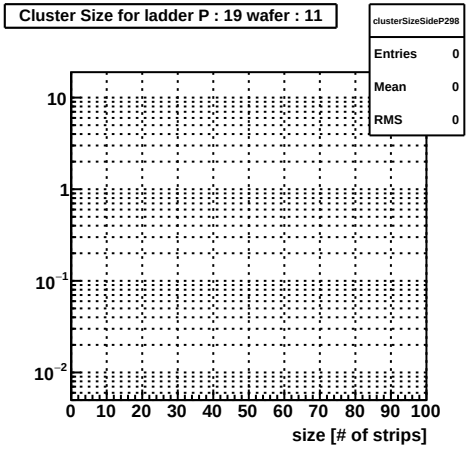

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

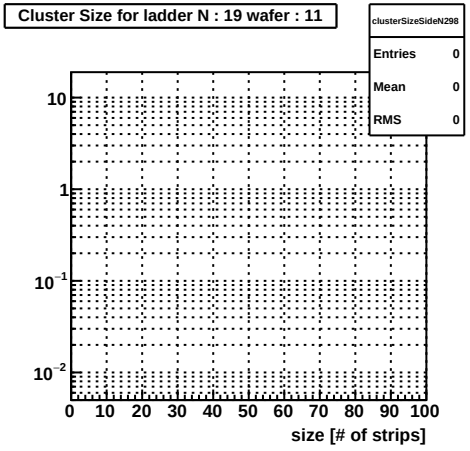

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

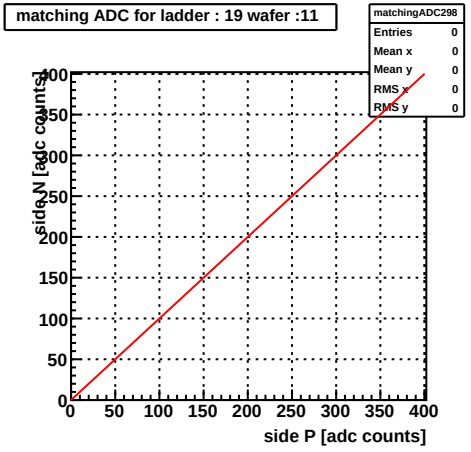

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

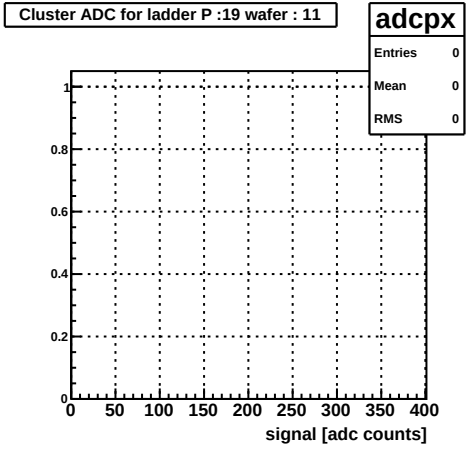

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

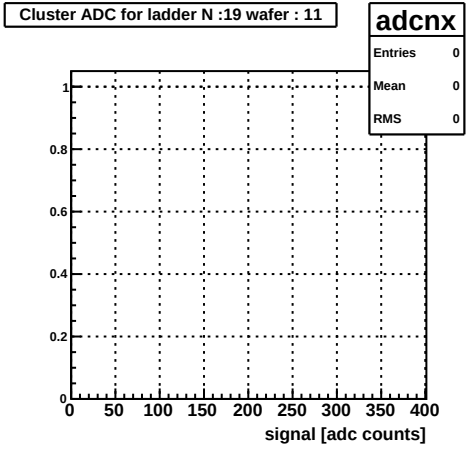

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

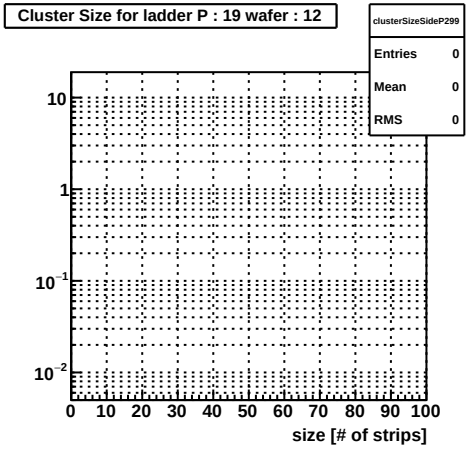

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

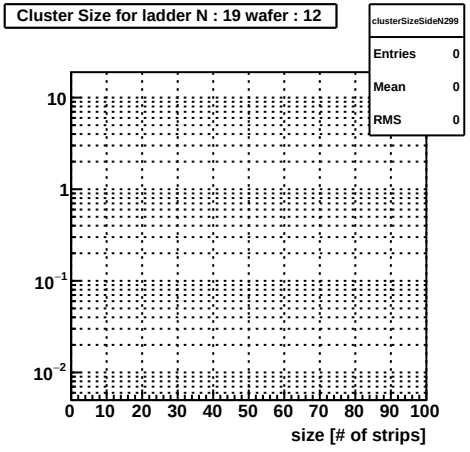

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

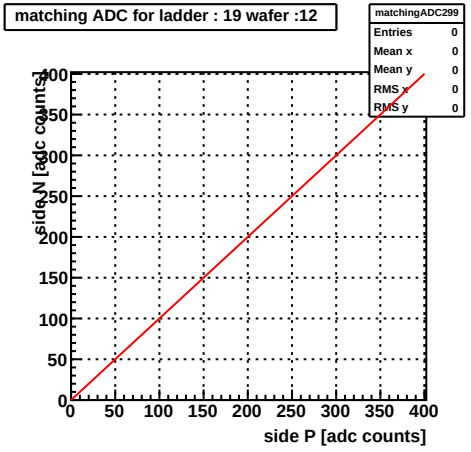

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

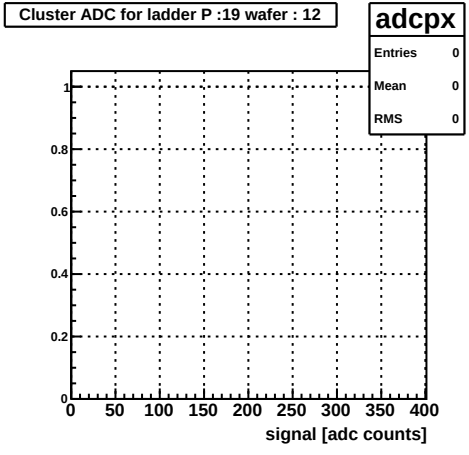

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

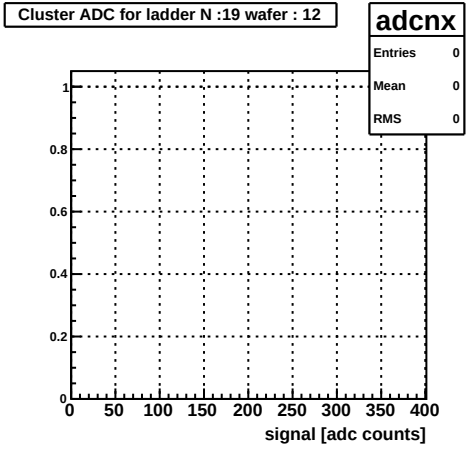

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

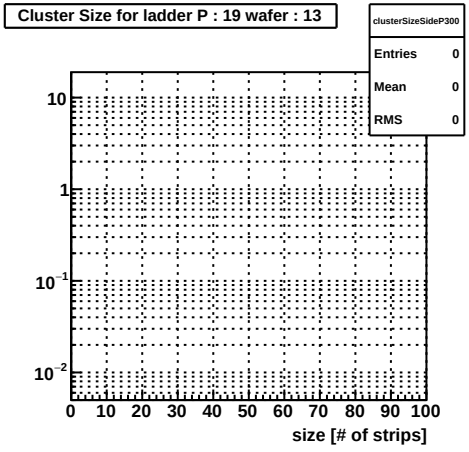

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

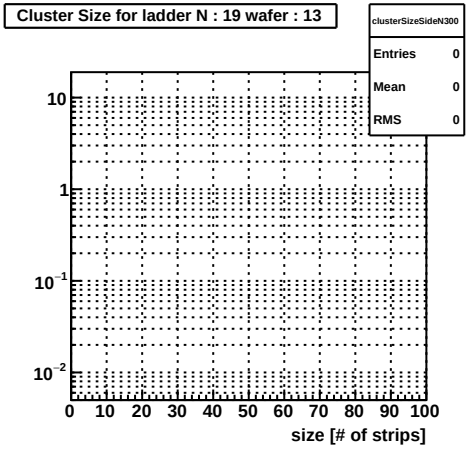

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

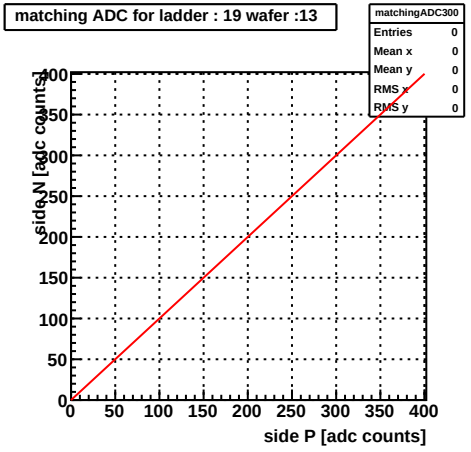

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

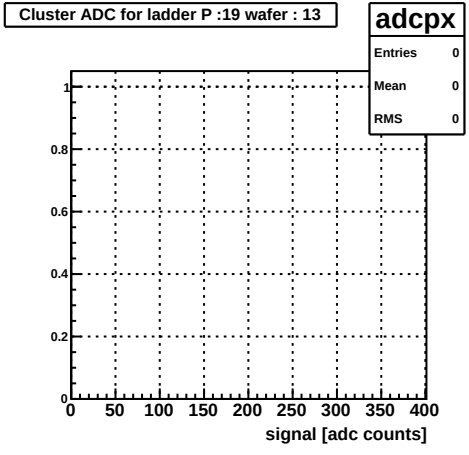

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

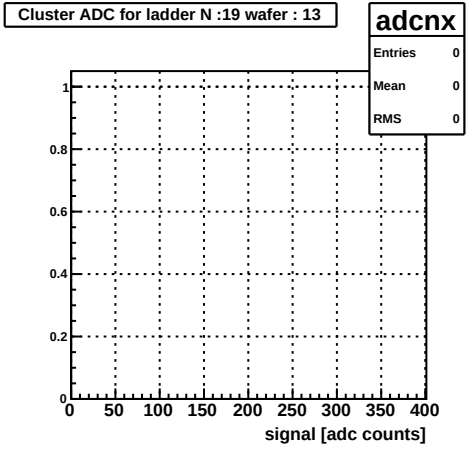

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

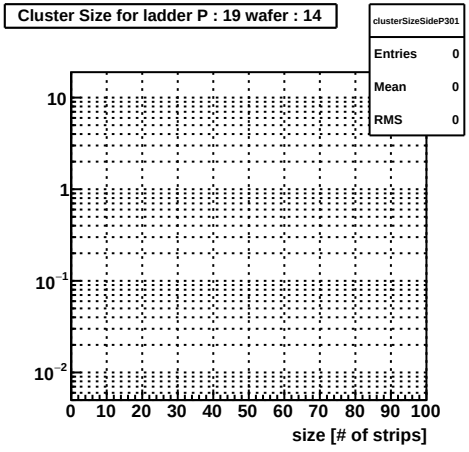

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

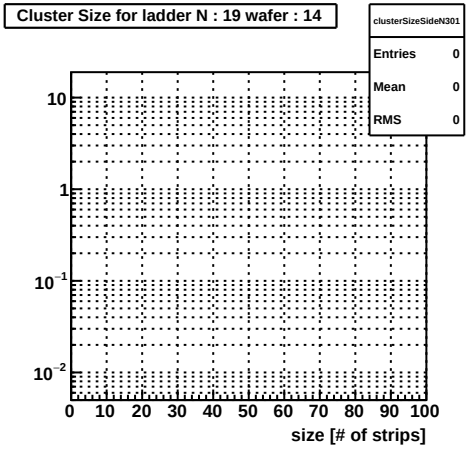

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

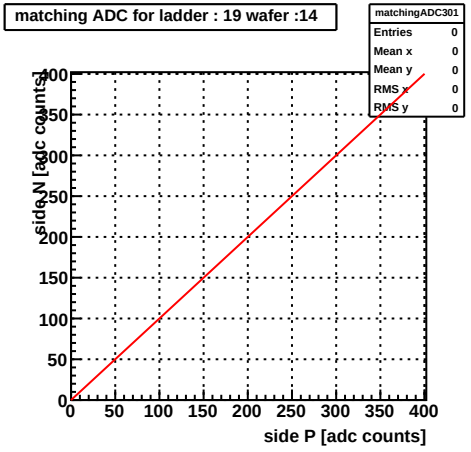

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

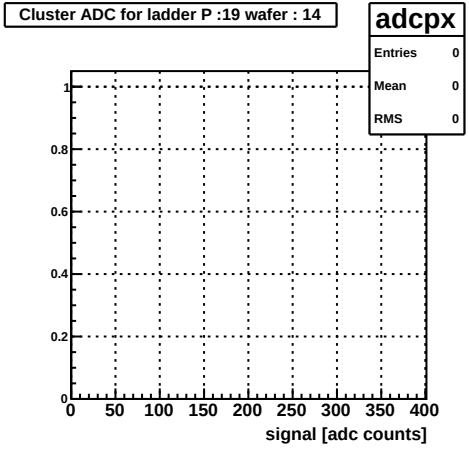

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

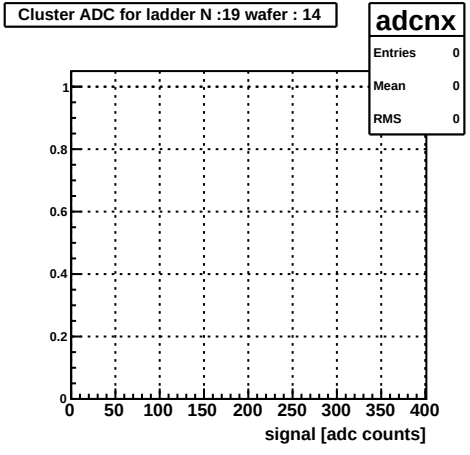

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

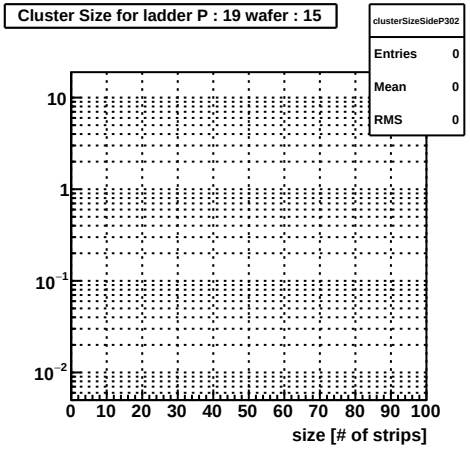

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

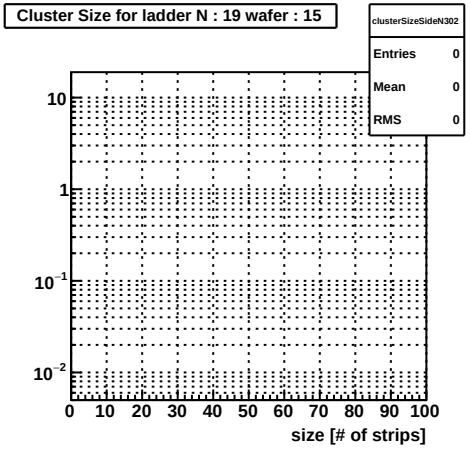

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

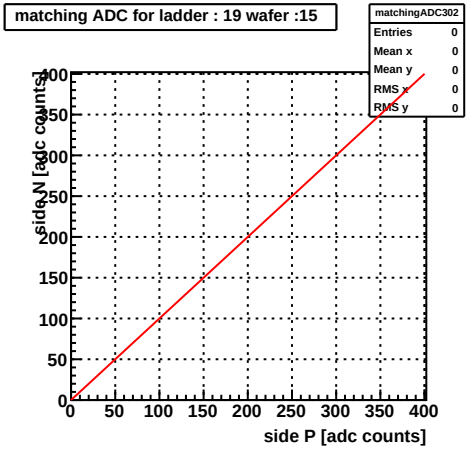

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

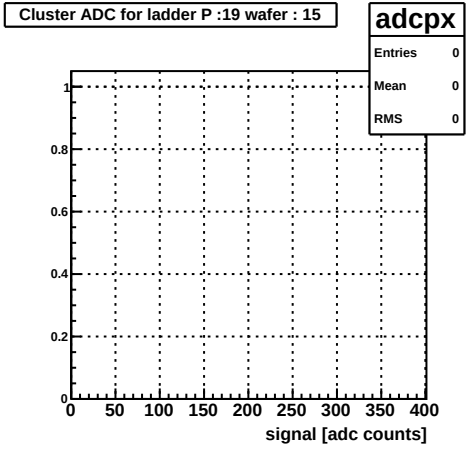

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

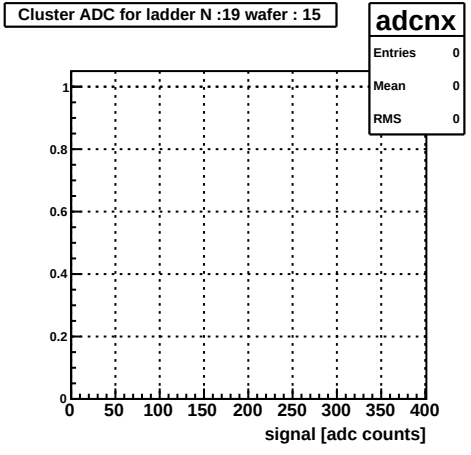

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

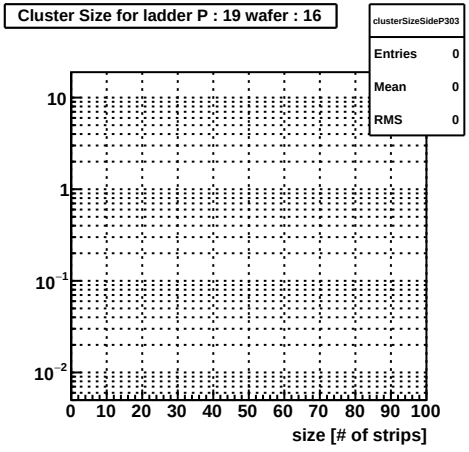

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

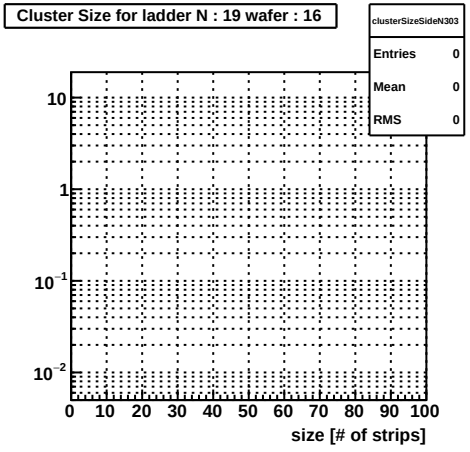

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

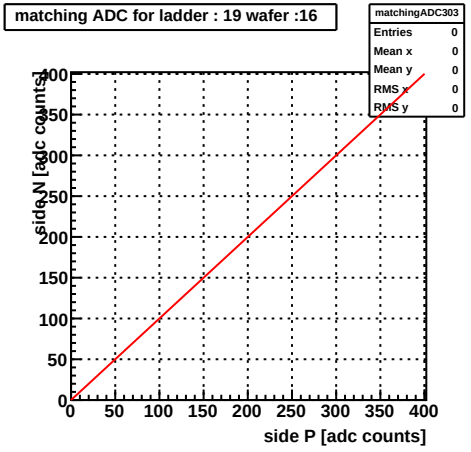

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

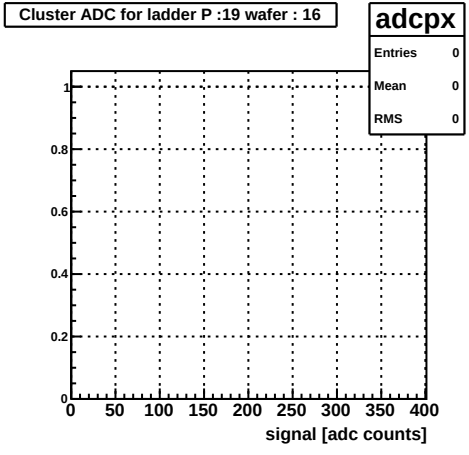

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

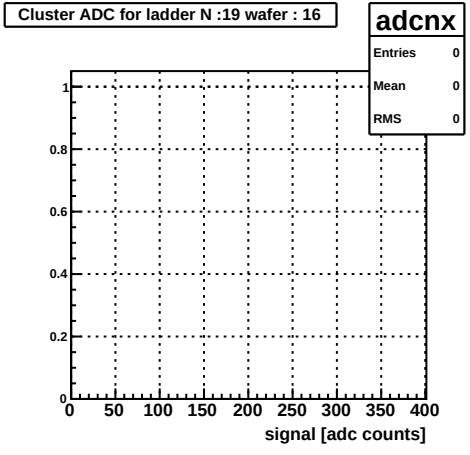

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

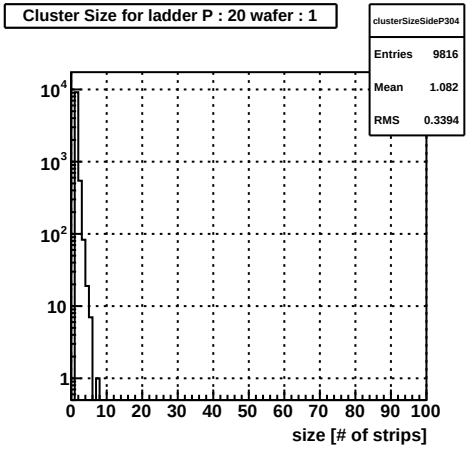

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

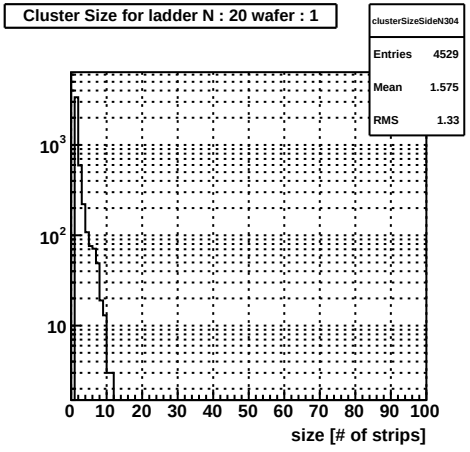

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

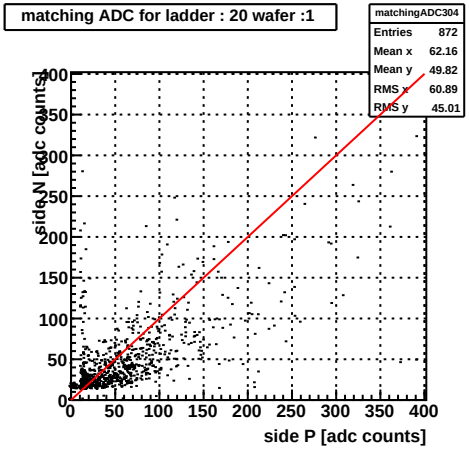

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

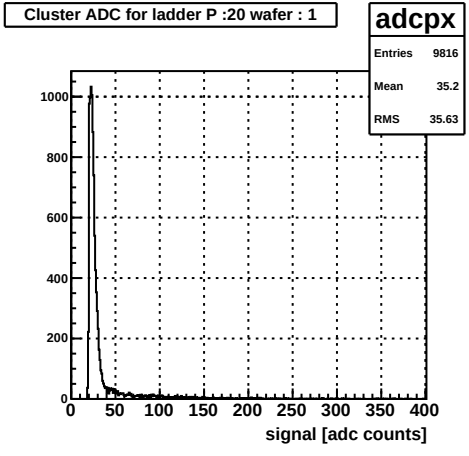

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

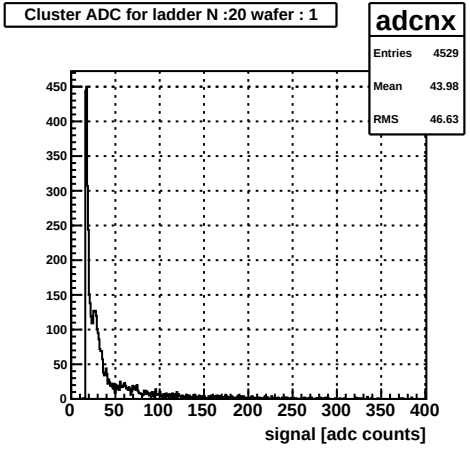

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

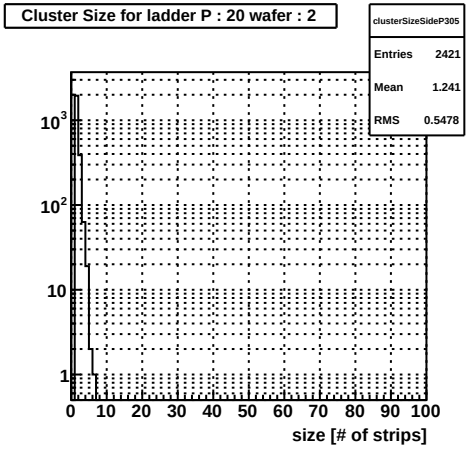

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 9816
Mean 1.082
RMS 0.3394
size [# of strips]

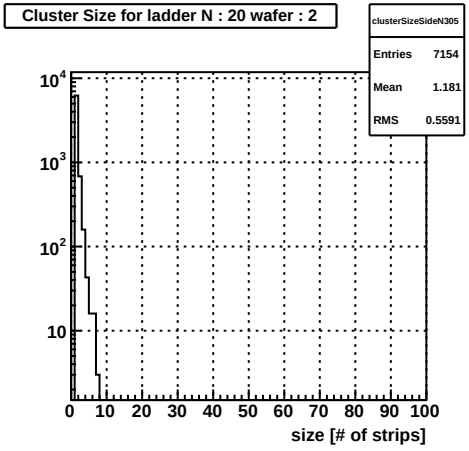

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4529
Mean 1.575
RMS 1.33
size [# of strips]

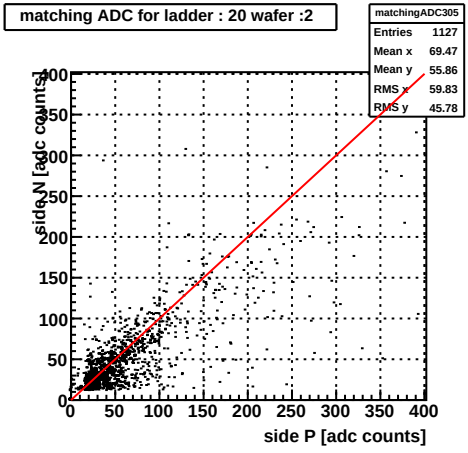

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 872
Mean x 62.16
Mean y 49.82
RMS x 60.89
RMS y 45.01
side N [adc counts]
side P [adc counts]

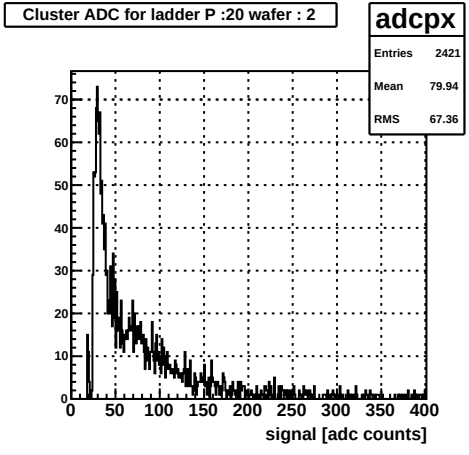

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 9816
Mean 35.2
RMS 35.63
signal [adc counts]

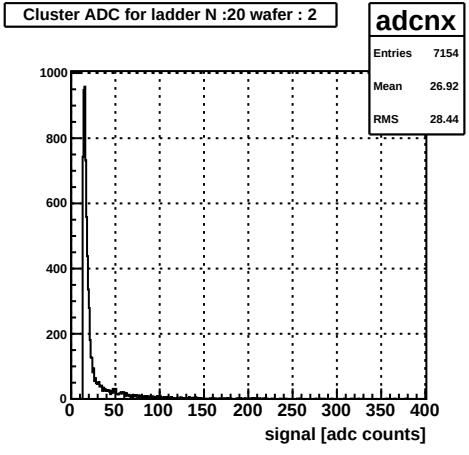

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4529
Mean 43.98
RMS 46.63
signal [adc counts]

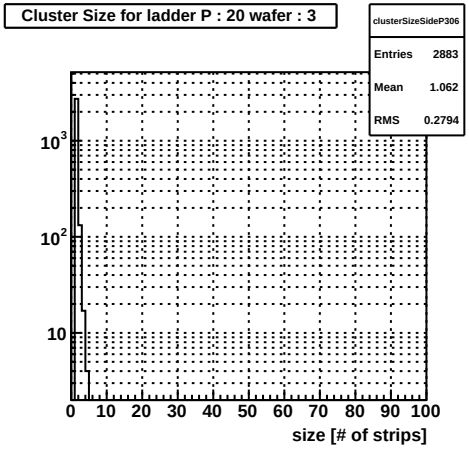

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2421
Mean 1.241
RMS 0.5478
size [# of strips]

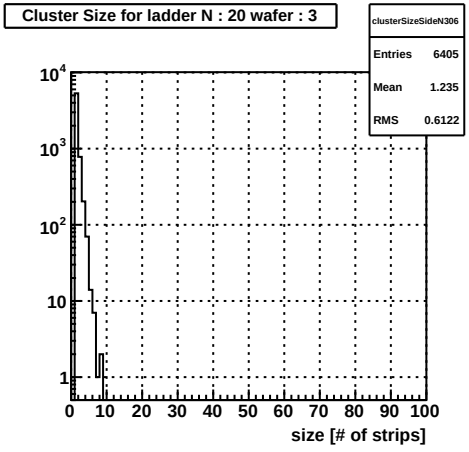

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 7154
Mean 1.181
RMS 0.5591
size [# of strips]

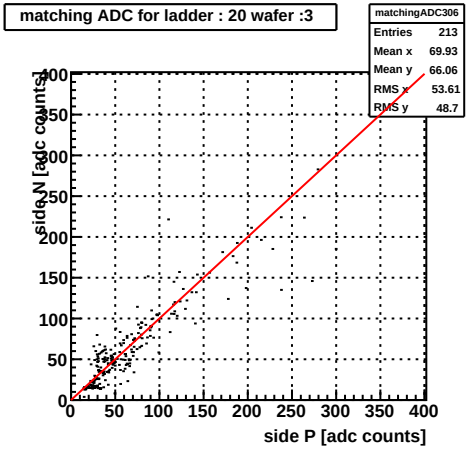

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 1127
Mean x 69.47
Mean y 55.86
RMS x 59.83
RMS y 45.78
side N [adc counts]
side P [adc counts]

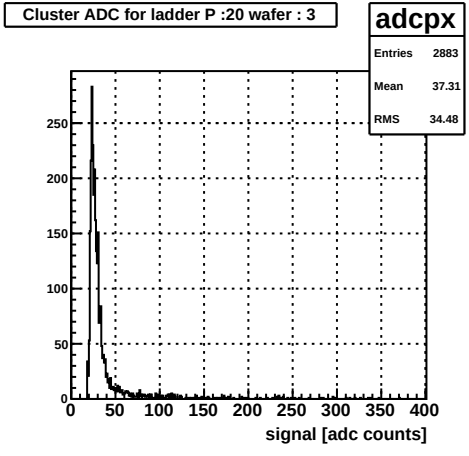

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2421
Mean 79.94
RMS 67.36
signal [adc counts]

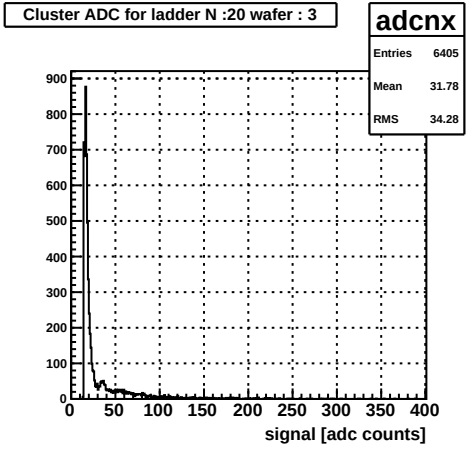

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 7154
Mean 26.92
RMS 28.44
signal [adc counts]

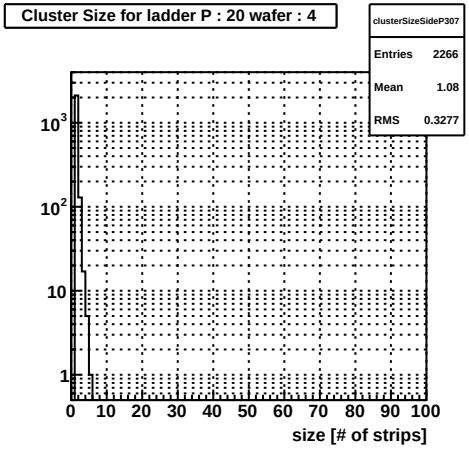

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 2883
Mean 1.062
RMS 0.2794
size [# of strips]

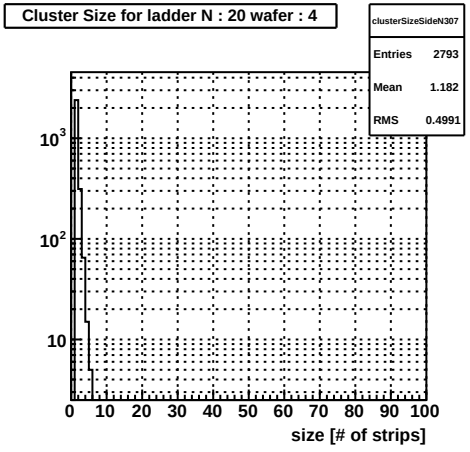

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 6405
Mean 1.235
RMS 0.6122
size [# of strips]

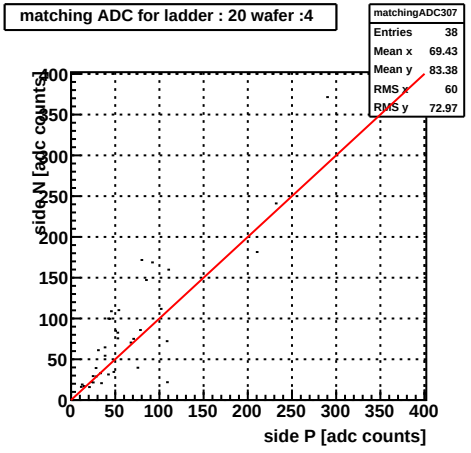

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 213
Mean x 69.93
Mean y 66.06
RMS x 53.61
RMS y 48.7
side N [adc counts]
side P [adc counts]

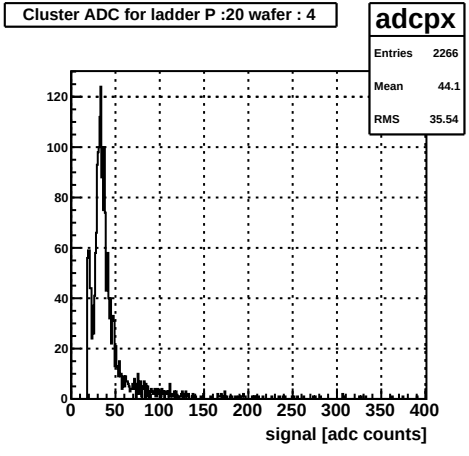

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 2883
Mean 37.31
RMS 34.48
signal [adc counts]

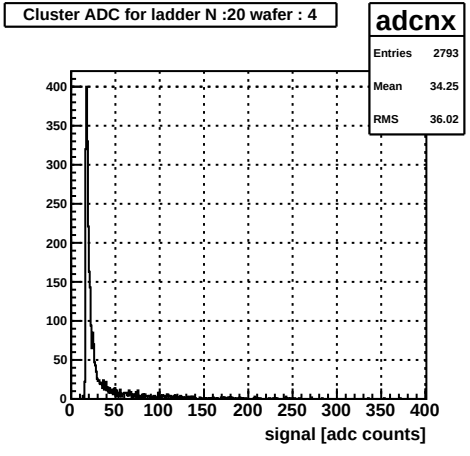

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 6405
Mean 31.78
RMS 34.28
signal [adc counts]

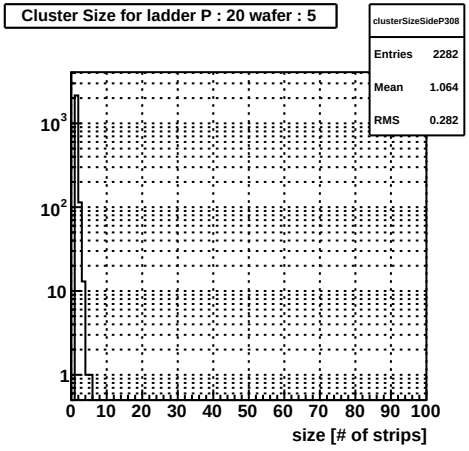

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2266
Mean 1.08
RMS 0.3277
size [# of strips]

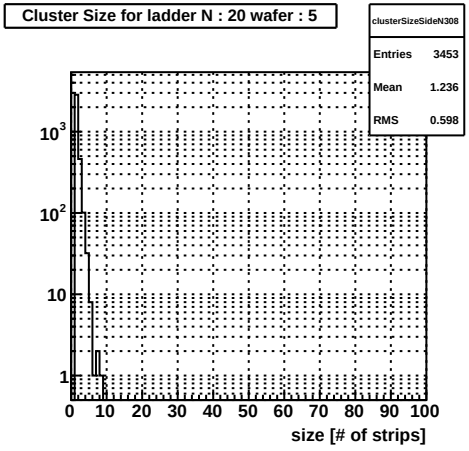

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 2793
Mean 1.182
RMS 0.4991
size [# of strips]

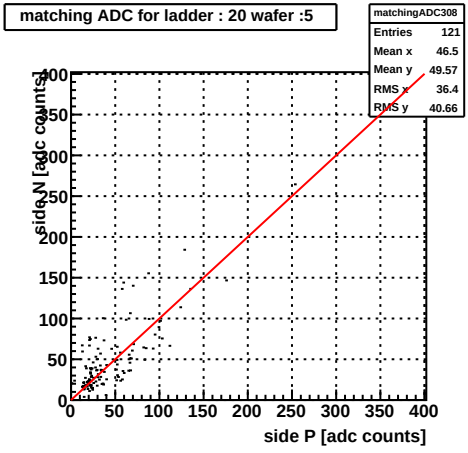

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 38
Mean x 69.43
Mean y 83.38
RMS x 60
RMS y 72.97
side N [adc counts]
side P [adc counts]

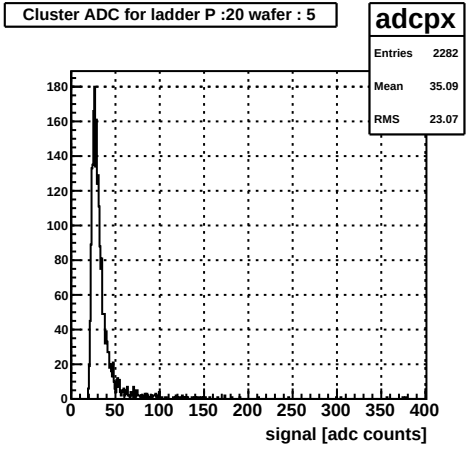

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2266
Mean 44.1
RMS 35.54
signal [adc counts]

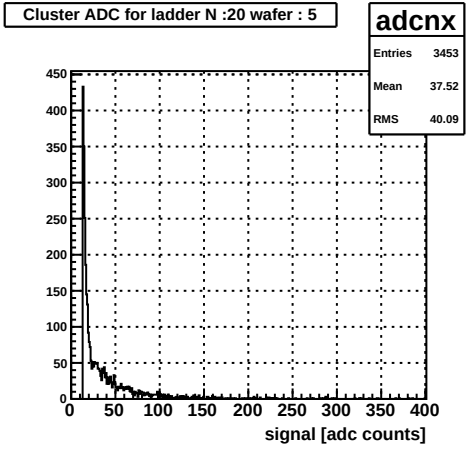

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 2793
Mean 34.25
RMS 36.02
signal [adc counts]

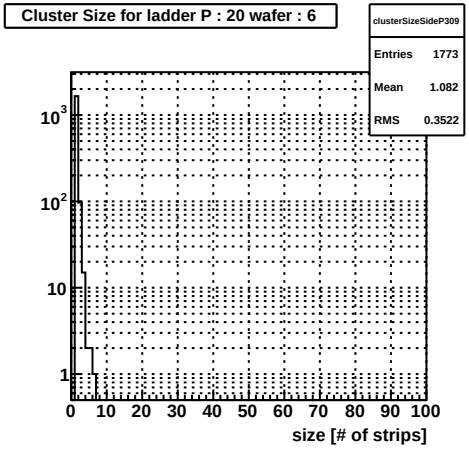

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 2282
Mean 1.064
RMS 0.282
size [# of strips]

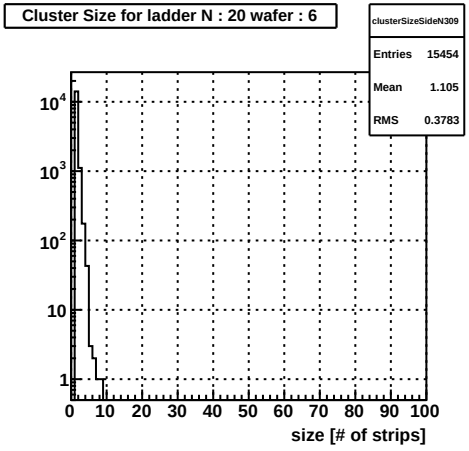

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 3453
Mean 1.236
RMS 0.598
size [# of strips]

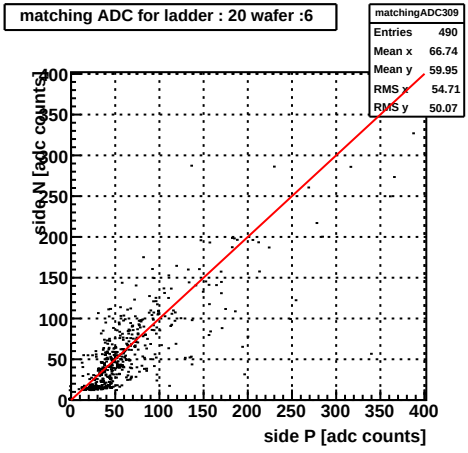

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 121
Mean x 46.5
Mean y 49.57
RMS x 36.4
RMS y 40.66
side N [adc counts]
side P [adc counts]

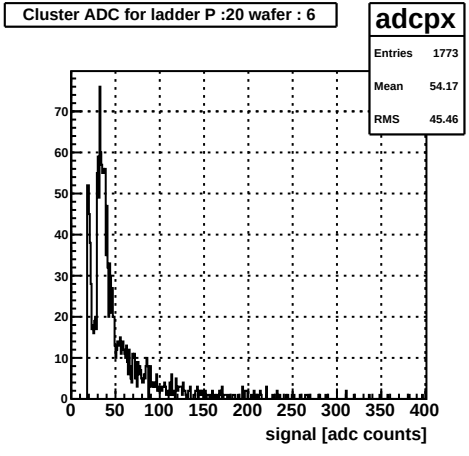

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 2282
Mean 35.09
RMS 23.07
signal [adc counts]

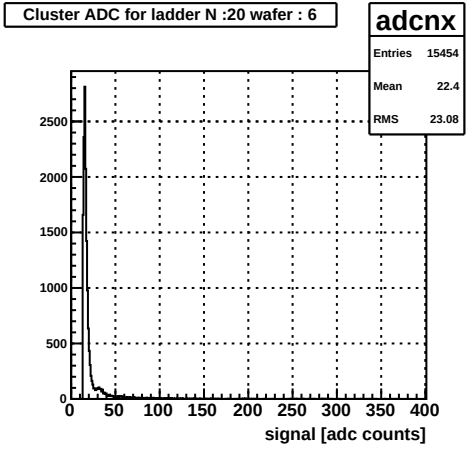

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 3453
Mean 37.52
RMS 40.09
signal [adc counts]

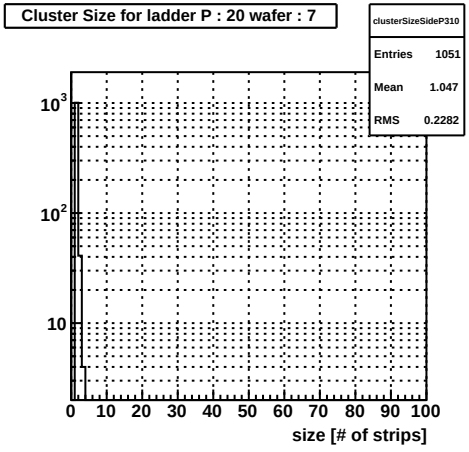

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 1773
Mean 1.082
RMS 0.3522
size [# of strips]

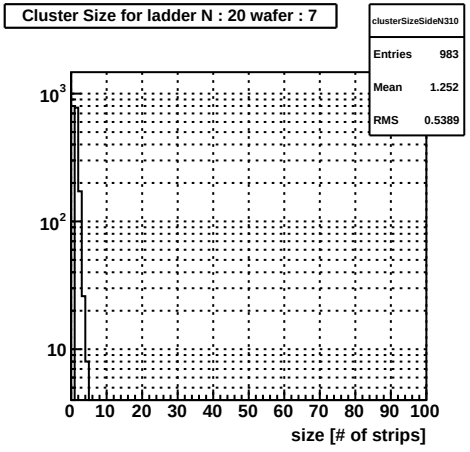

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 15454
Mean 1.105
RMS 0.3783
size [# of strips]

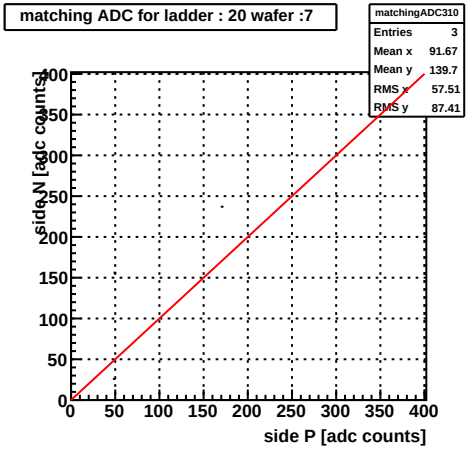

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 490
Mean x 66.74
Mean y 59.95
RMS x 54.71
RMS y 50.07
side N [adc counts]
side P [adc counts]

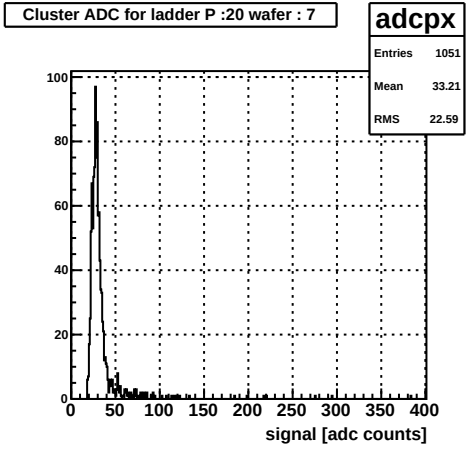

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 1773
Mean 54.17
RMS 45.46
signal [adc counts]

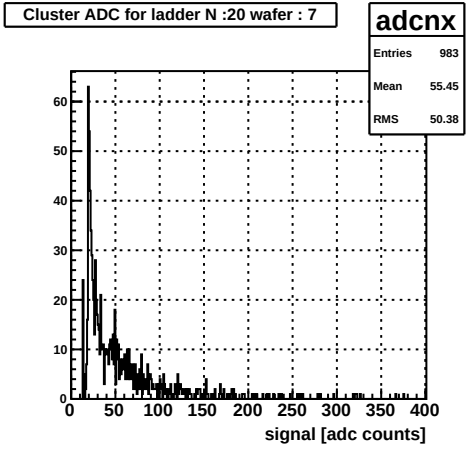

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 15454
Mean 22.4
RMS 23.08
signal [adc counts]

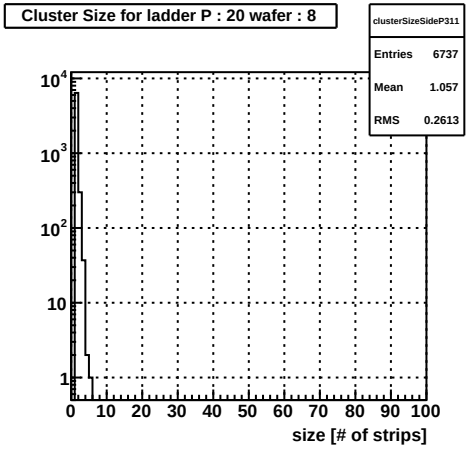

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 1051
Mean 1.047
RMS 0.2282
size [# of strips]

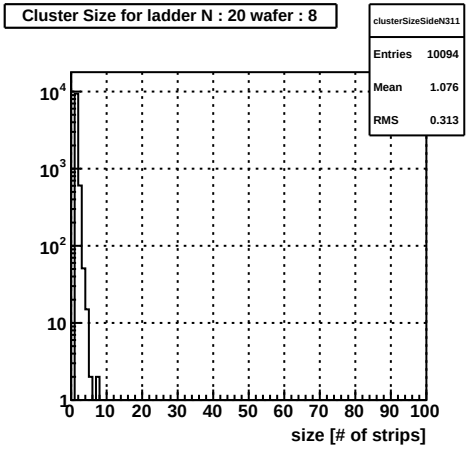

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 983
Mean 1.252
RMS 0.5389
size [# of strips]

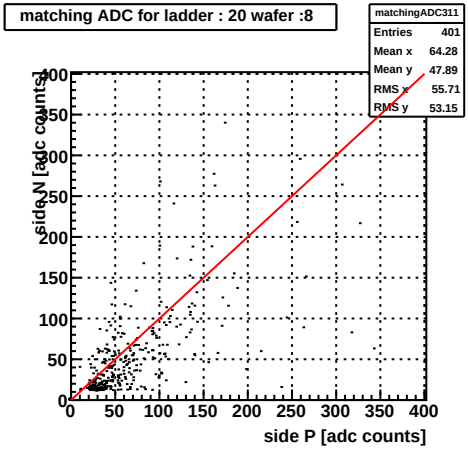

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 3
Mean x 91.67
Mean y 139.7
RMS x 57.51
RMS y 87.41
side N [adc counts]
side P [adc counts]

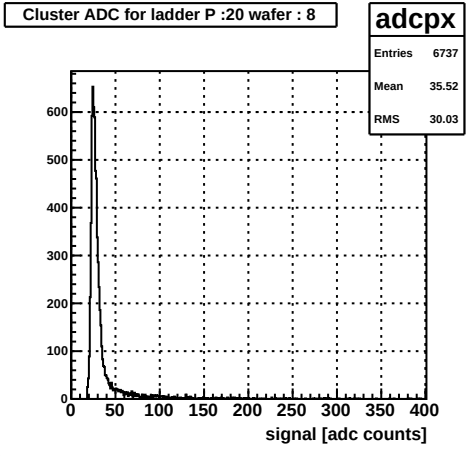

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 1051
Mean 33.21
RMS 22.59
signal [adc counts]

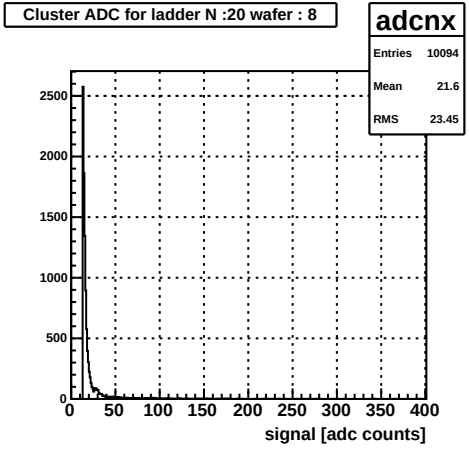

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 983
Mean 55.45
RMS 50.38
signal [adc counts]

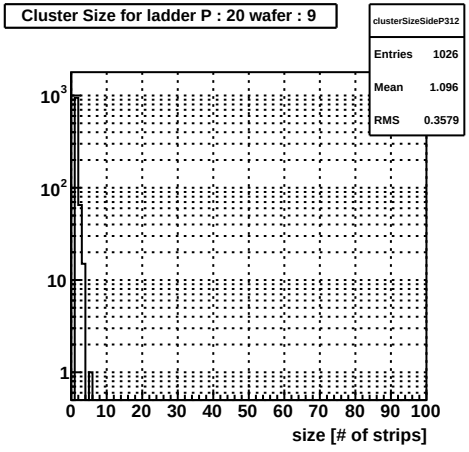

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 6737
Mean 1.057
RMS 0.2613
size [# of strips]

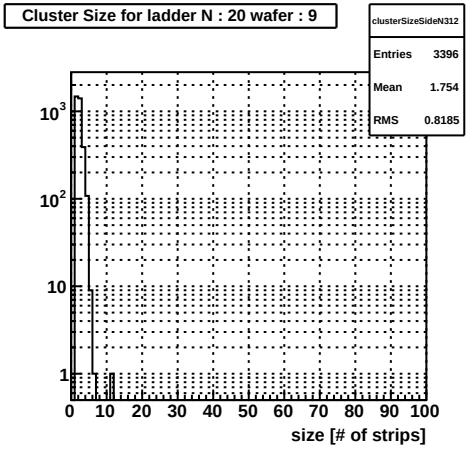

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 10094
Mean 1.076
RMS 0.313
size [# of strips]

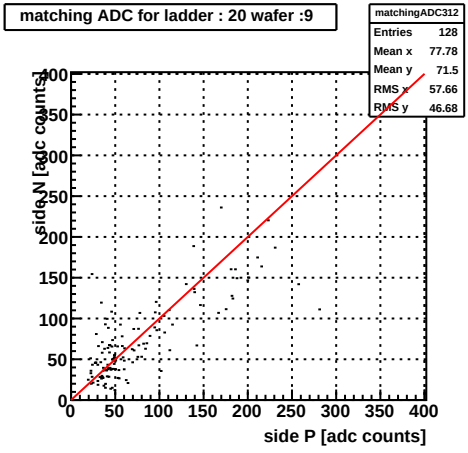

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 401
Mean x 64.28
Mean y 47.89
RMS x 55.71
RMS y 53.15
side N [adc counts]
side P [adc counts]

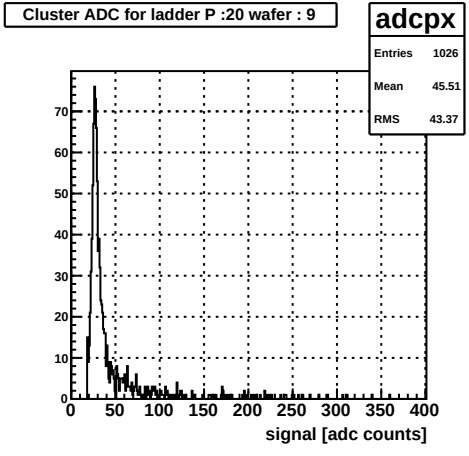

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 6737
Mean 35.52
RMS 30.03
signal [adc counts]

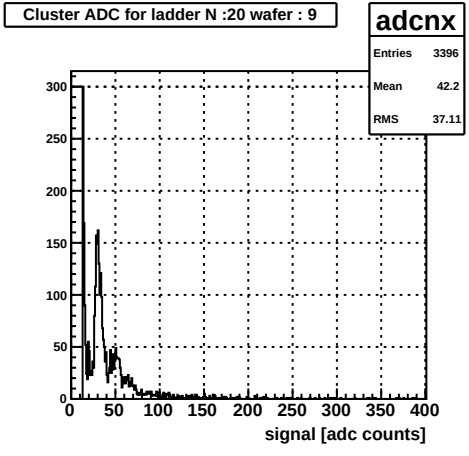

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 10094
Mean 21.6
RMS 23.45
signal [adc counts]

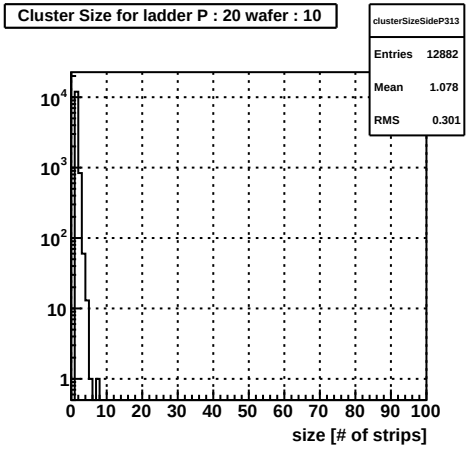

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 1026
Mean 1.096
RMS 0.3579
size [# of strips]

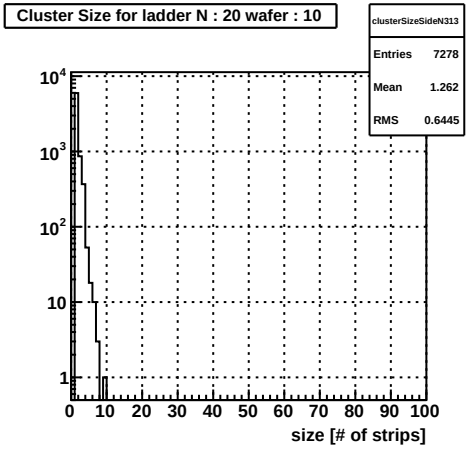

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 3396
Mean 1.754
RMS 0.8185
size [# of strips]

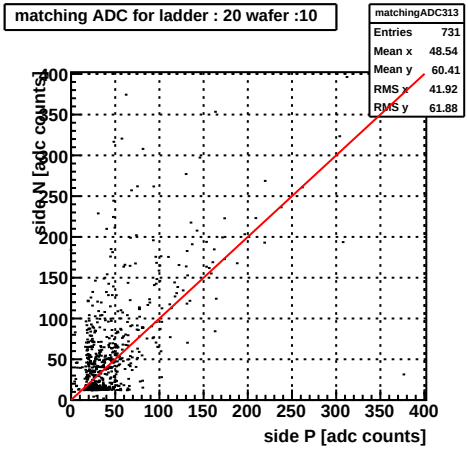

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 128
Mean x 77.78
Mean y 71.5
RMS x 57.66
RMS y 46.68
side N [adc counts]
side P [adc counts]

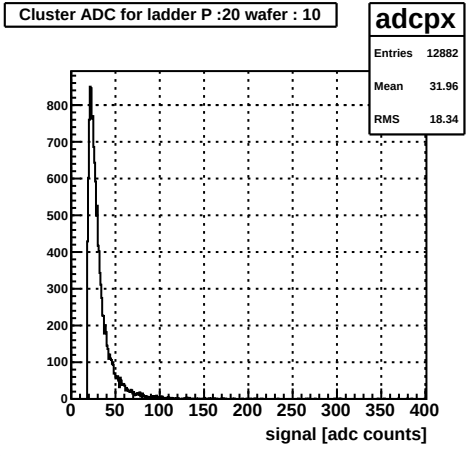

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 1026
Mean 45.51
RMS 43.37
signal [adc counts]

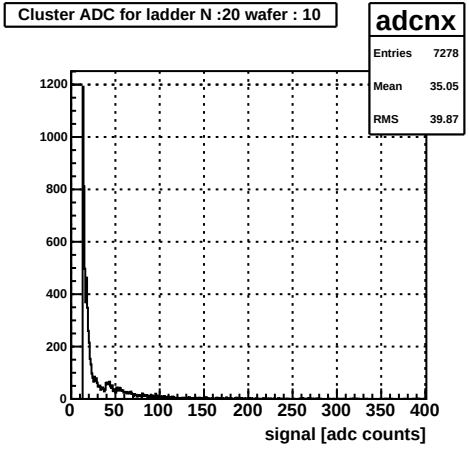

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 3396
Mean 42.2
RMS 37.11
signal [adc counts]

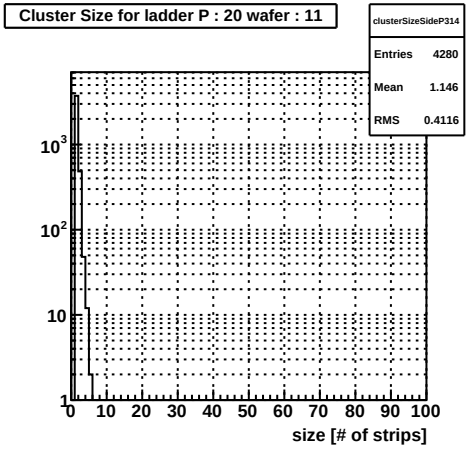

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 12882
Mean 1.078
RMS 0.301
size [# of strips]

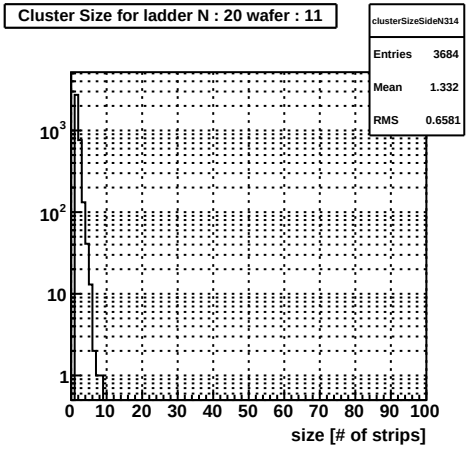

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 7278
Mean 1.262
RMS 0.6445
size [# of strips]

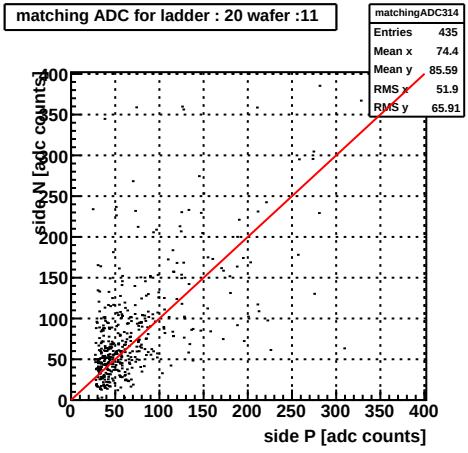

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 731
Mean x 48.54
Mean y 60.41
RMS x 41.92
RMS y 61.88
side N [adc counts]
side P [adc counts]

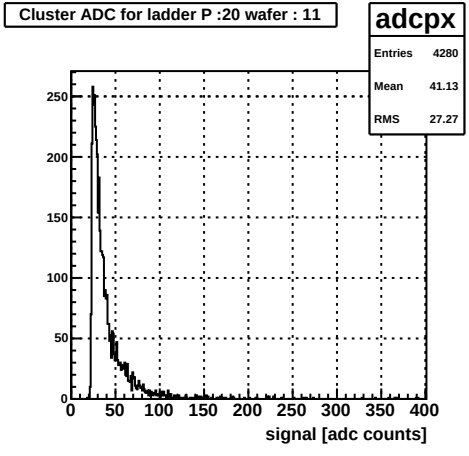

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 12882
Mean 31.96
RMS 18.34
signal [adc counts]

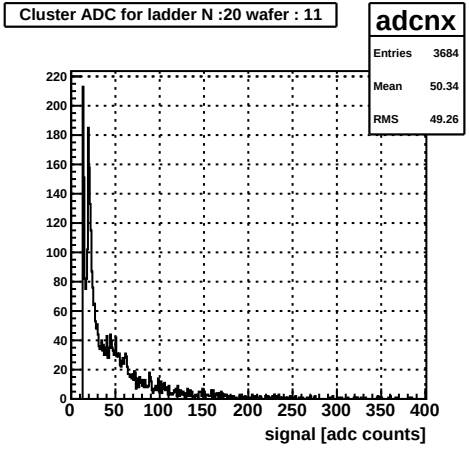

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 7278
Mean 35.05
RMS 39.87
signal [adc counts]

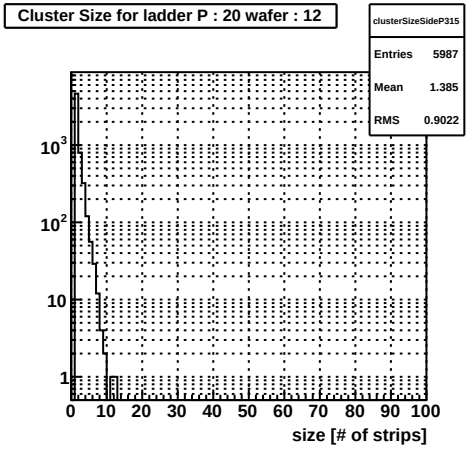

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 4280
Mean 1.146
RMS 0.4116
size [# of strips]

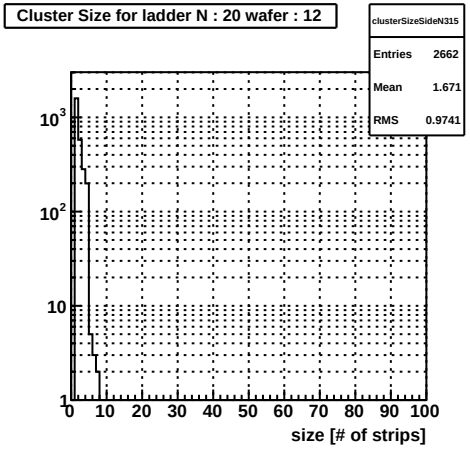

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 3684
Mean 1.332
RMS 0.6581
size [# of strips]

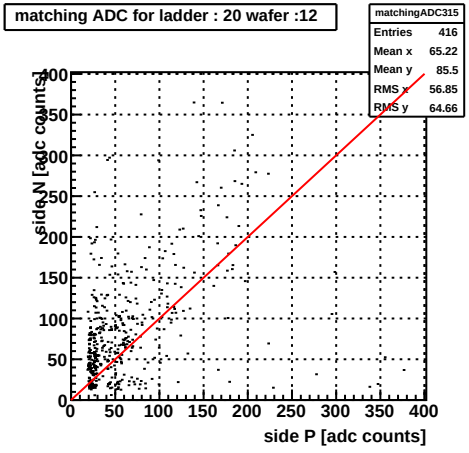

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 435
Mean x 74.4
Mean y 85.59
RMS x 51.9
RMS y 65.91
side N [adc counts]
side P [adc counts]

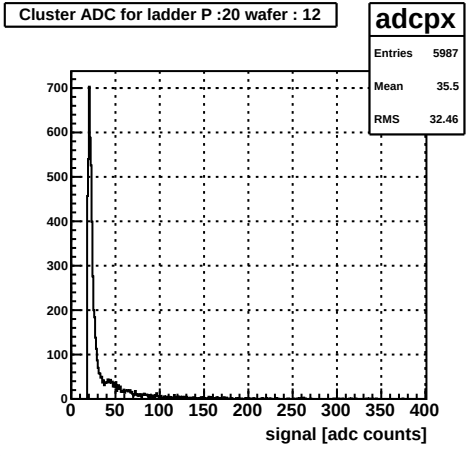

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 4280
Mean 41.13
RMS 27.27
signal [adc counts]

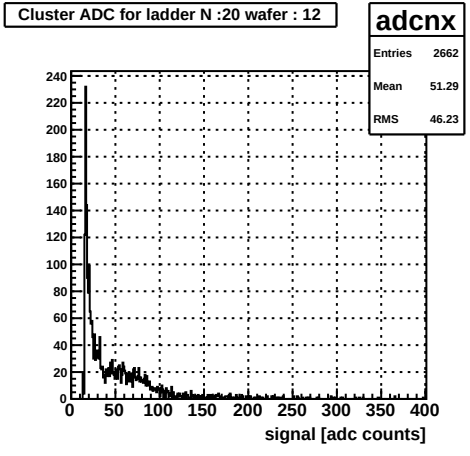

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 3684
Mean 50.34
RMS 49.26
signal [adc counts]

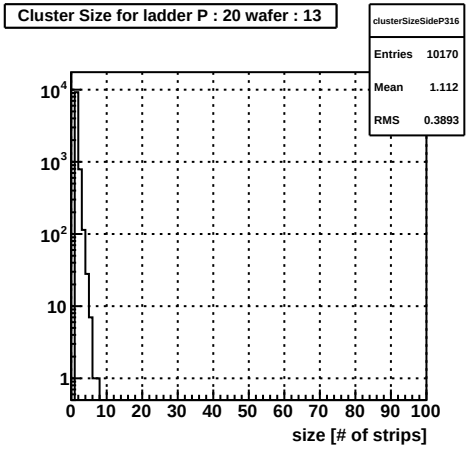

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5987
Mean 1.385
RMS 0.9022
size [# of strips]

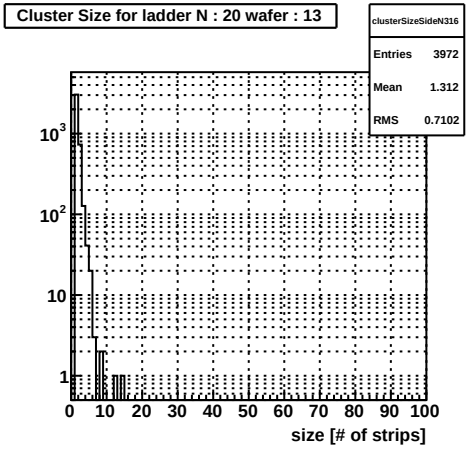

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 2662
Mean 1.671
RMS 0.9741
size [# of strips]

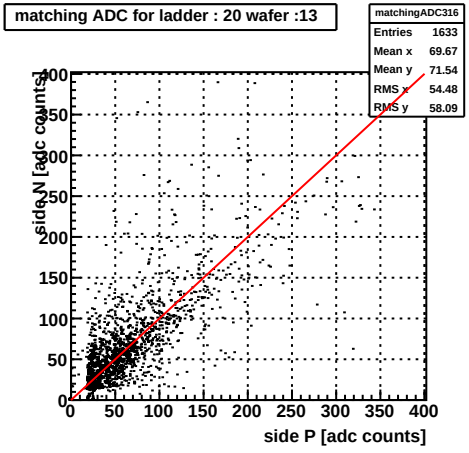

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 416
Mean x 65.22
Mean y 85.5
RMS x 56.85
RMS y 64.66
side N [adc counts]
side P [adc counts]

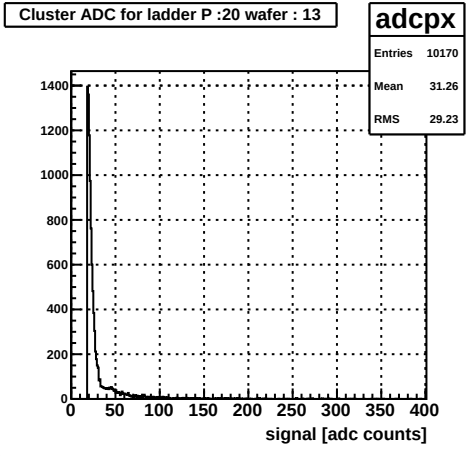

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5987
Mean 35.5
RMS 32.46
signal [adc counts]

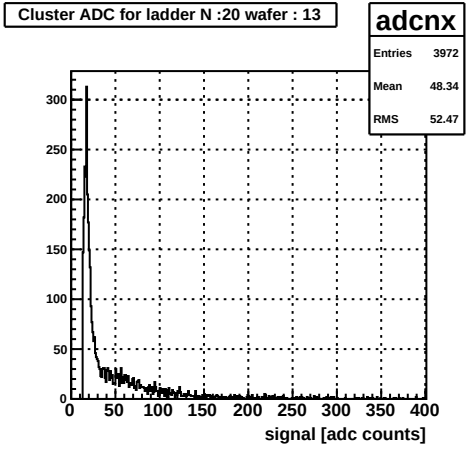

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 2662
Mean 51.29
RMS 46.23
signal [adc counts]

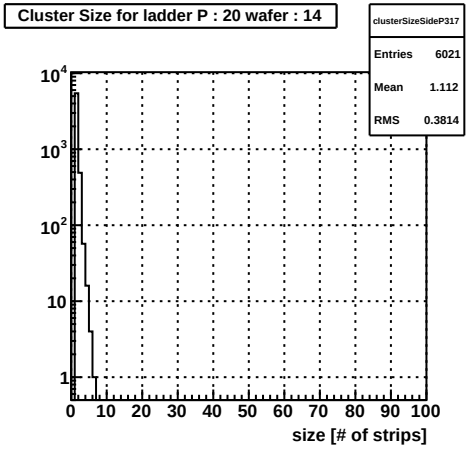

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 10170
Mean 1.112
RMS 0.3893
size [# of strips]

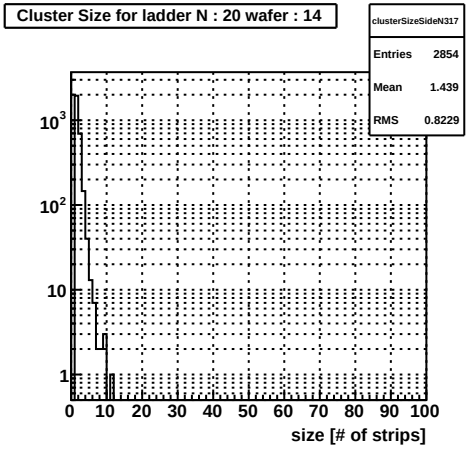

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 3972
Mean 1.312
RMS 0.7102
size [# of strips]

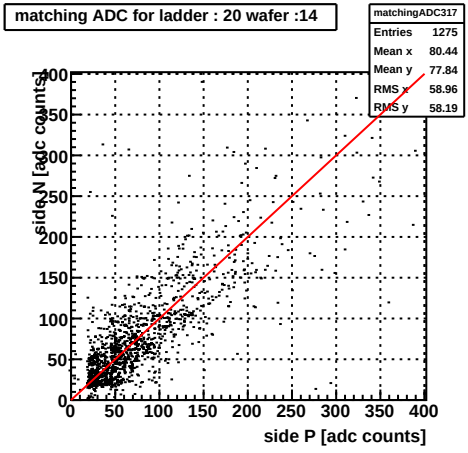

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 1633
Mean x 69.67
Mean y 71.54
RMS x 54.48
RMS y 58.09
side N [adc counts]
side P [adc counts]

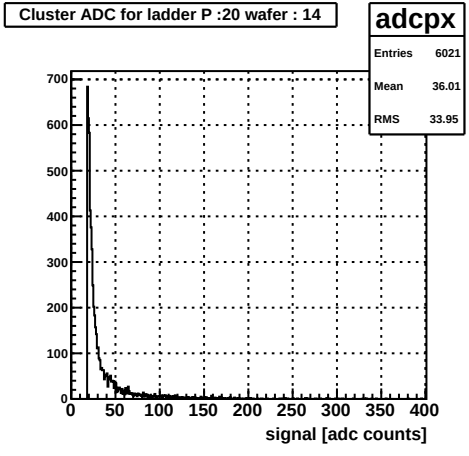

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 10170
Mean 31.26
RMS 29.23
signal [adc counts]

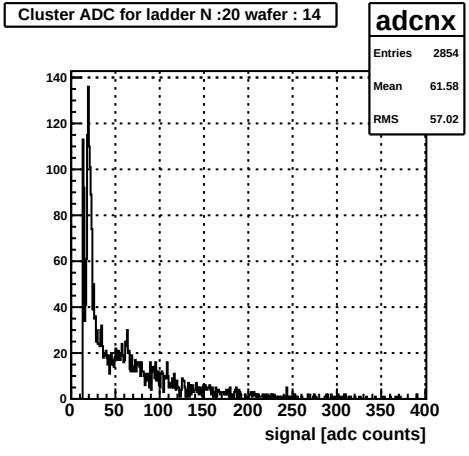

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 3972
Mean 48.34
RMS 52.47
signal [adc counts]

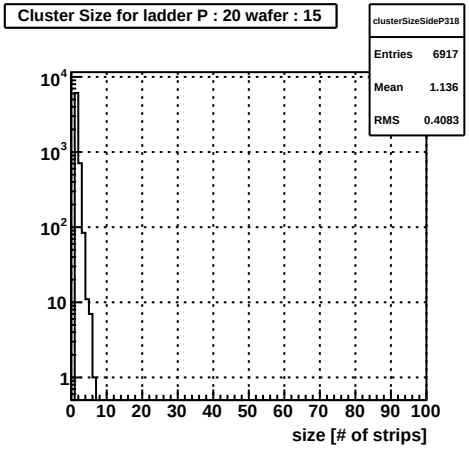

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 6021
Mean 1.112
RMS 0.3814
size [# of strips]

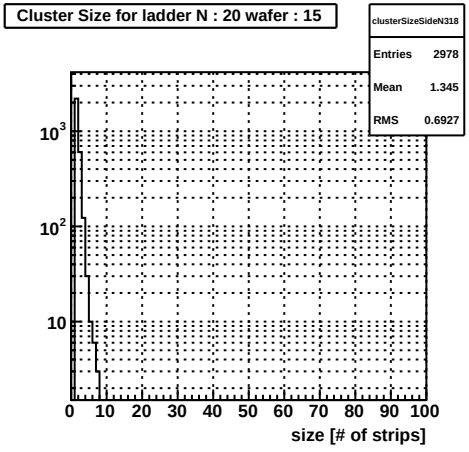

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2854
Mean 1.439
RMS 0.8229
size [# of strips]

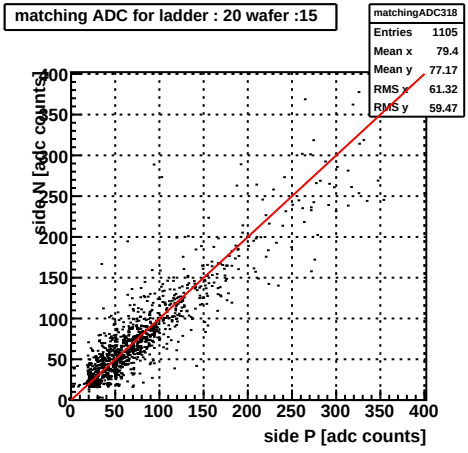

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 1275
Mean x 80.44
Mean y 77.84
RMS x 58.96
RMS y 58.19
side N [adc counts]
side P [adc counts]

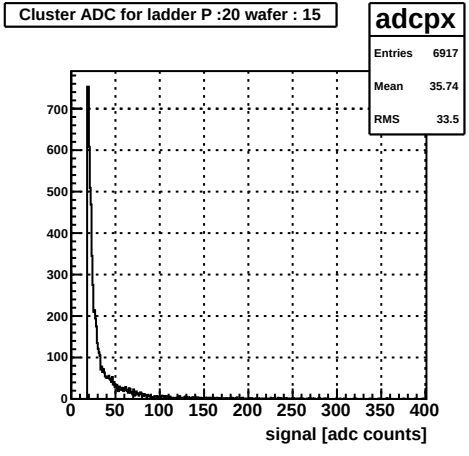

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 6021
Mean 36.01
RMS 33.95
signal [adc counts]

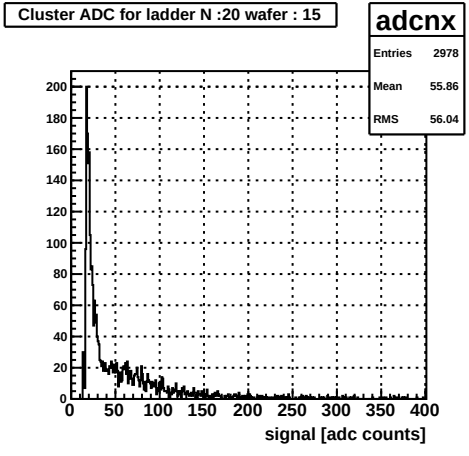

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2854
Mean 61.58
RMS 57.02
signal [adc counts]

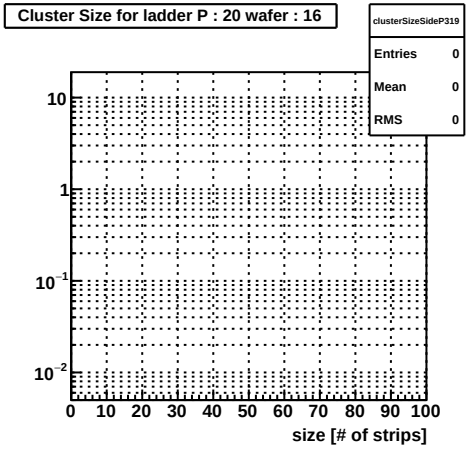

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 6917
Mean 1.136
RMS 0.4083
size [# of strips]

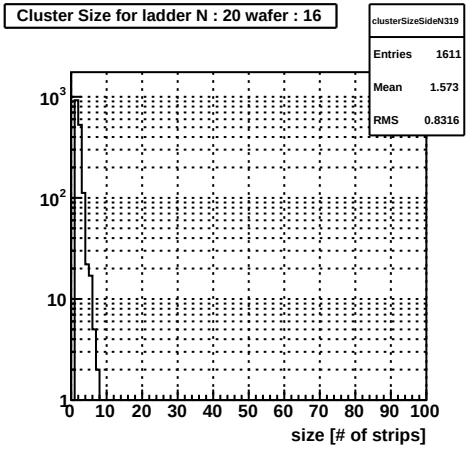

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 2978
Mean 1.345
RMS 0.6927
size [# of strips]

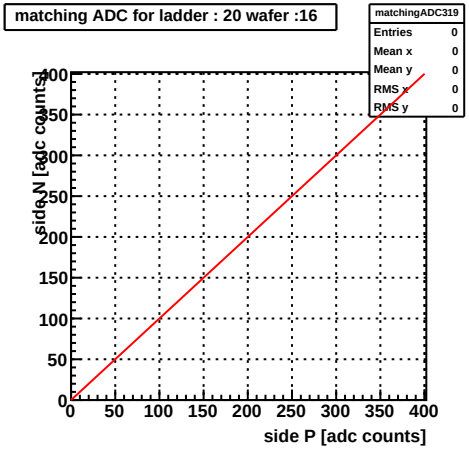

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 1105
Mean x 79.4
Mean y 77.17
RMS x 61.32
RMS y 59.47
side N [adc counts]
side P [adc counts]

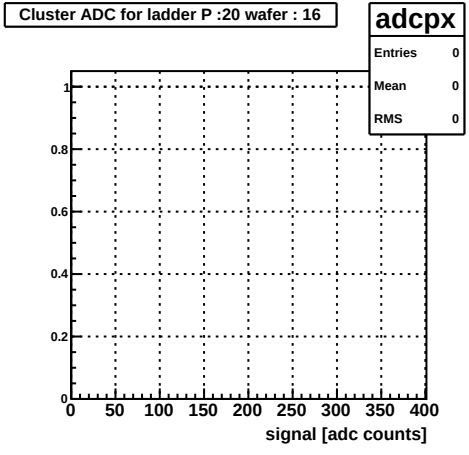

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 6917
Mean 35.74
RMS 33.5
signal [adc counts]

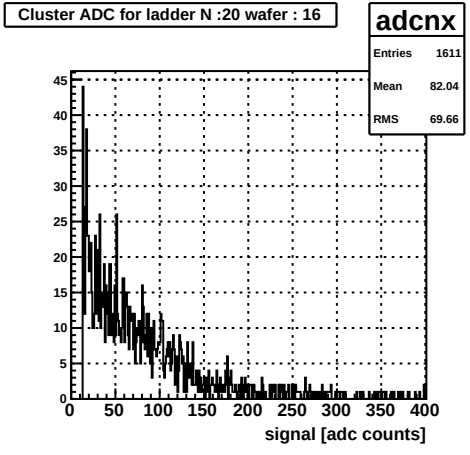

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 2978
Mean 55.86
RMS 56.04
signal [adc counts]

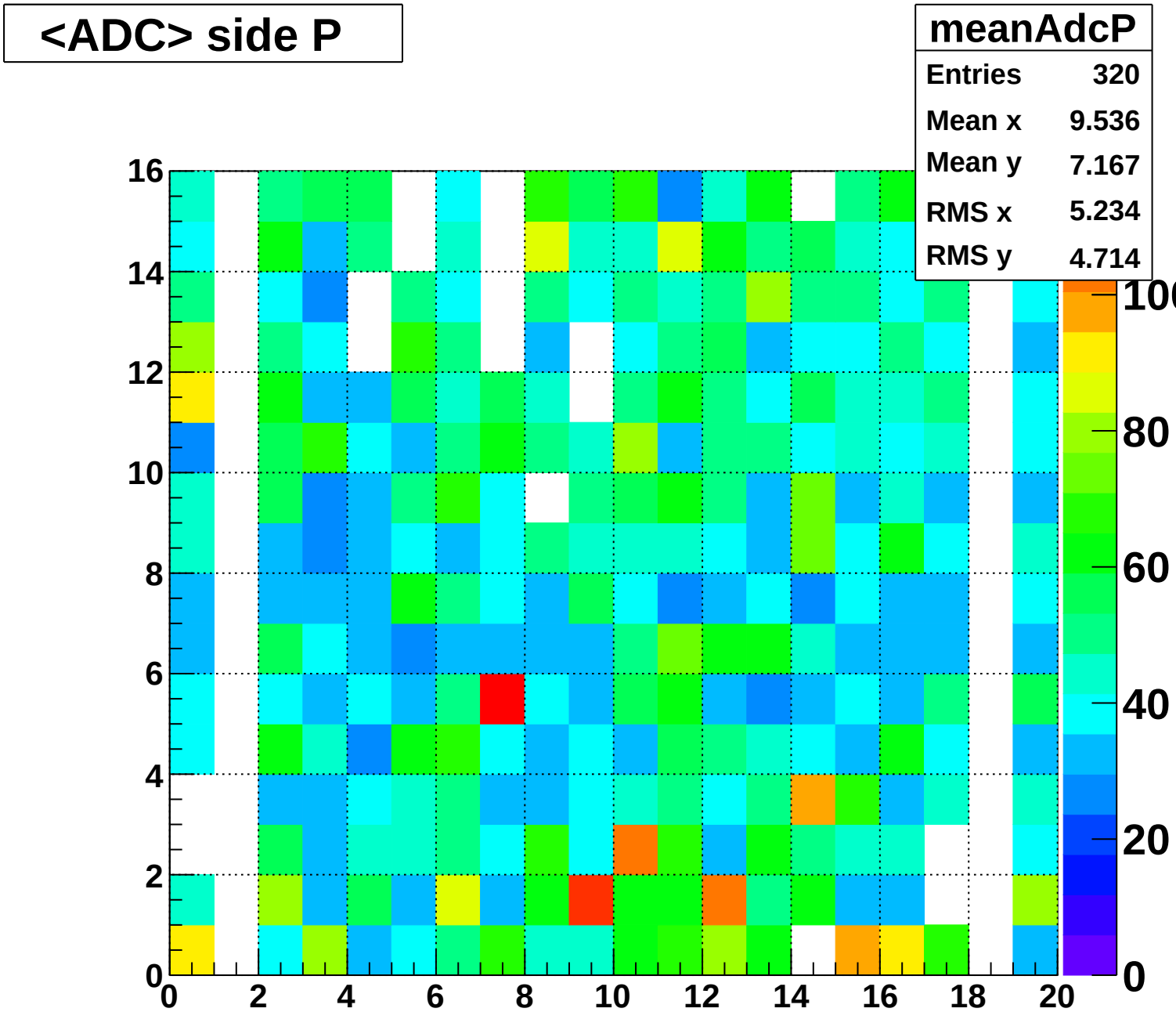

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 0
Mean 0
RMS 0
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 1611
Mean 1.573
RMS 0.8316
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 1611
Mean 82.04
RMS 69.66
signal [adc counts]



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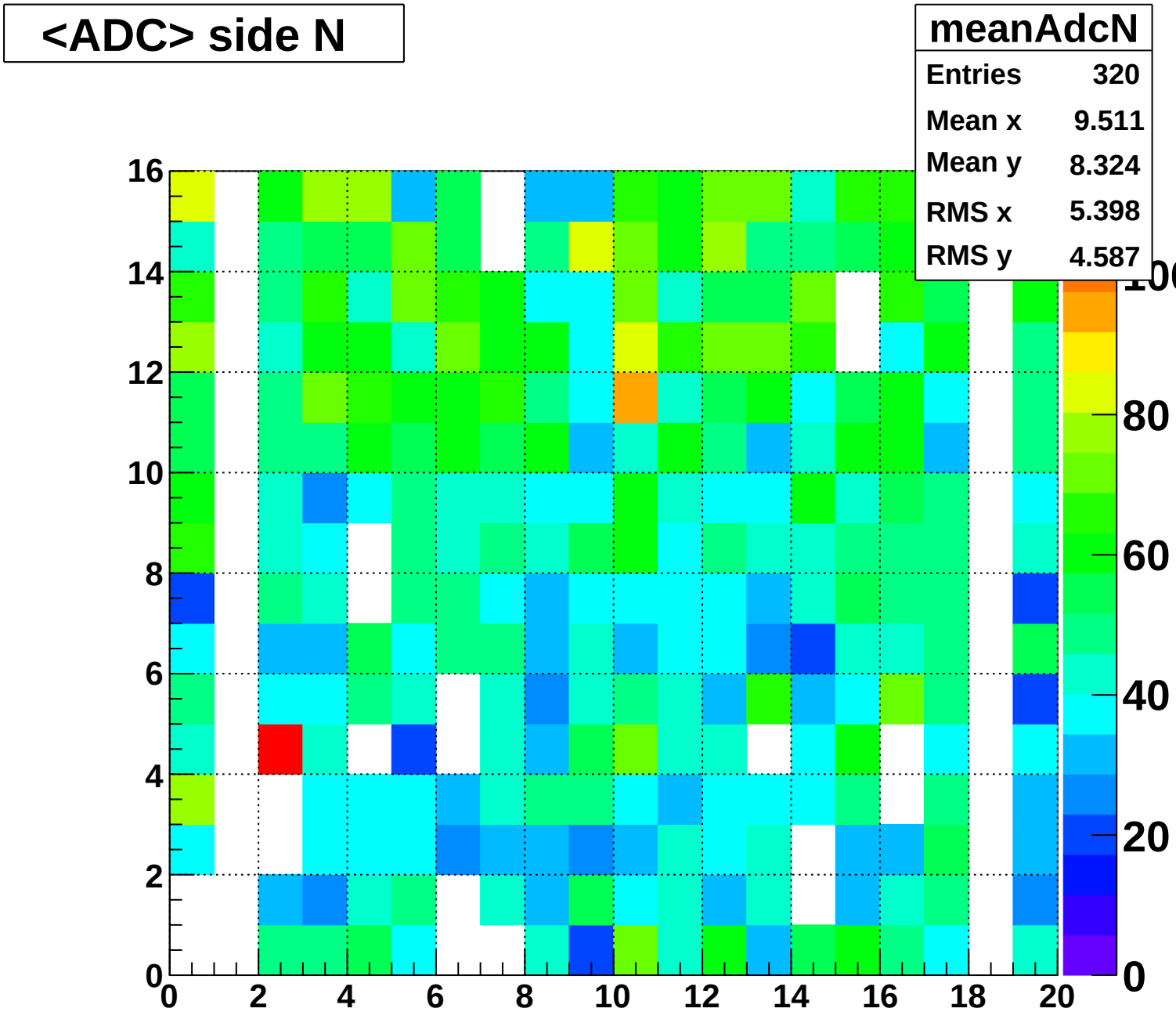

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