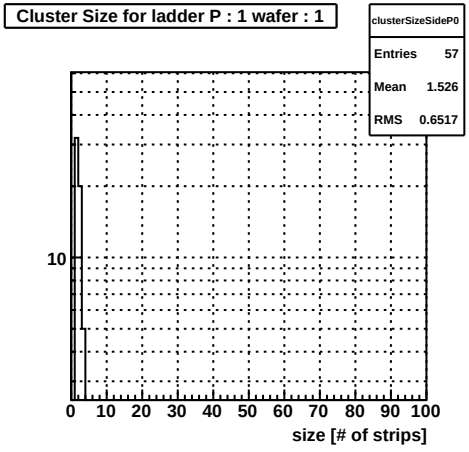
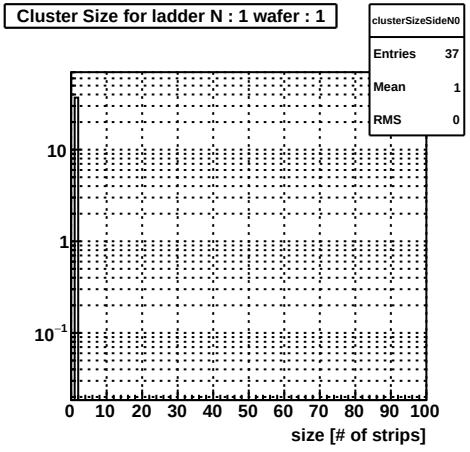
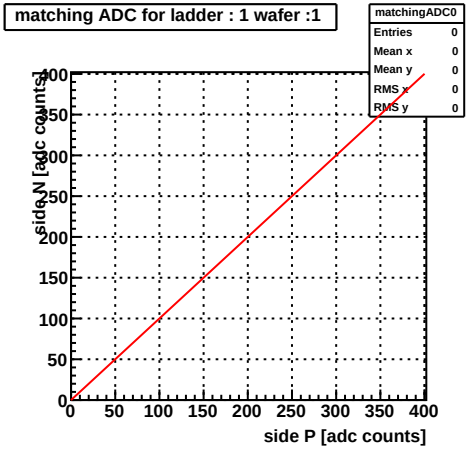
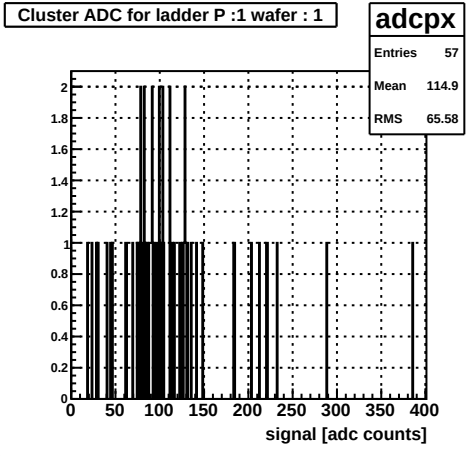
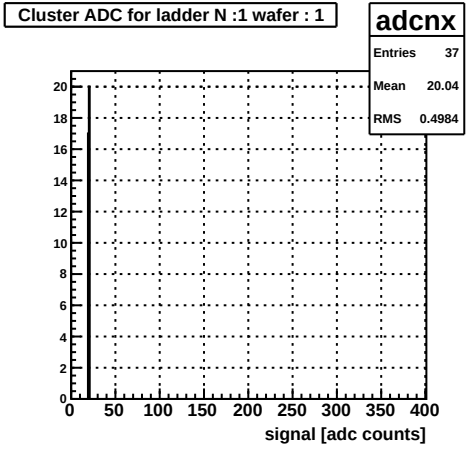
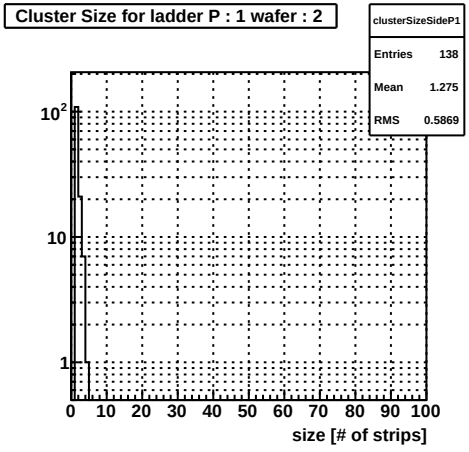

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 57
Mean 1.526
RMS 0.6517
size [# of strips]

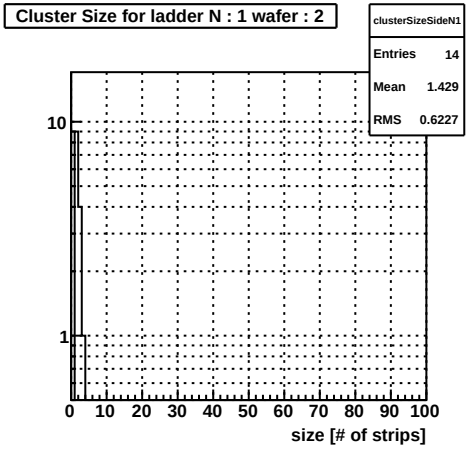

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 37
Mean 1
RMS 0
size [# of strips]

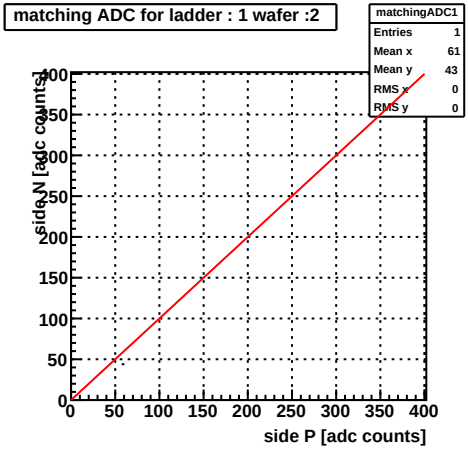

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

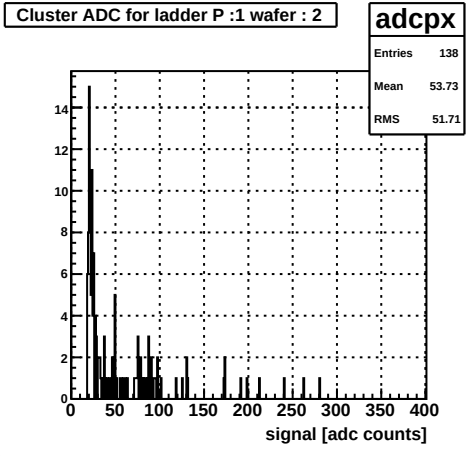

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 57
Mean 114.9
RMS 65.58
signal [adc counts]

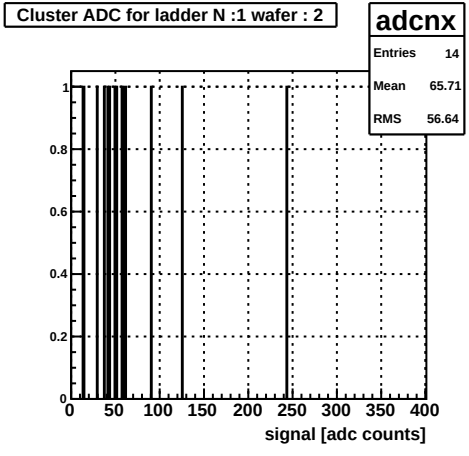

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 37
Mean 20.04
RMS 0.4984
signal [adc counts]

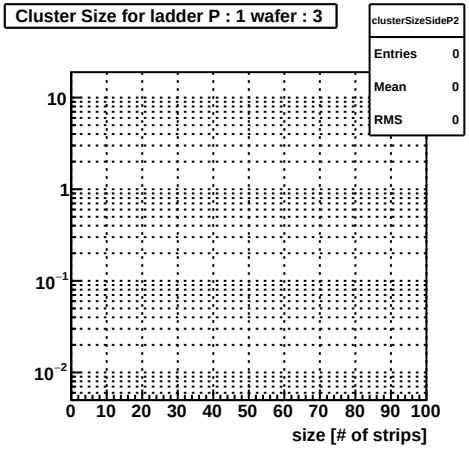

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 138
Mean 1.275
RMS 0.5869
size [# of strips]

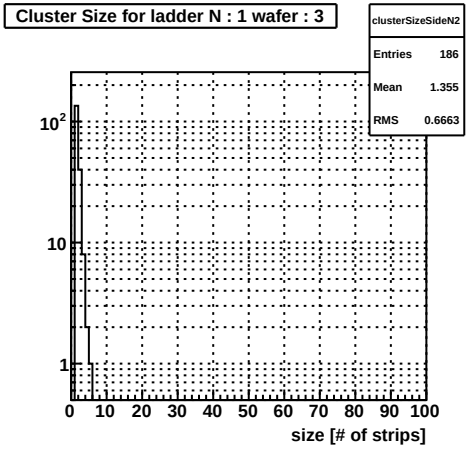

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 14
Mean 1.429
RMS 0.6227
size [# of strips]

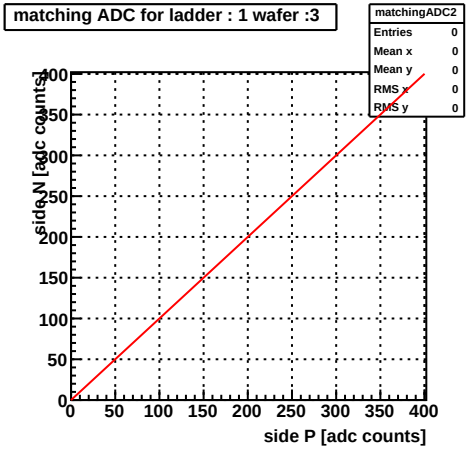

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 1
Mean x 61
Mean y 43
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

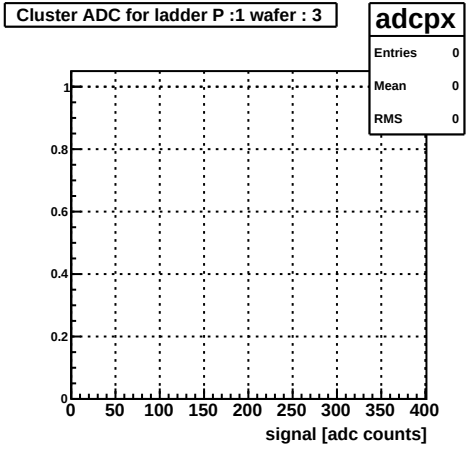

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 138
Mean 53.73
RMS 51.71
signal [adc counts]

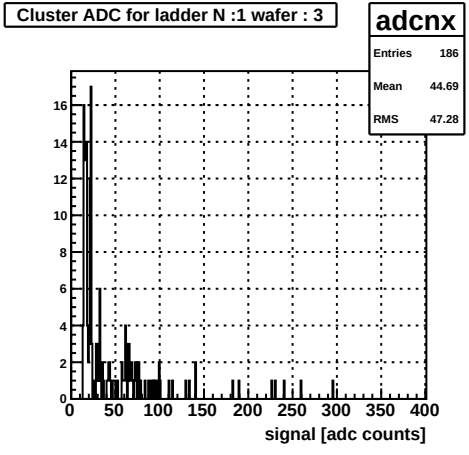

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 14
Mean 65.71
RMS 56.64
signal [adc counts]

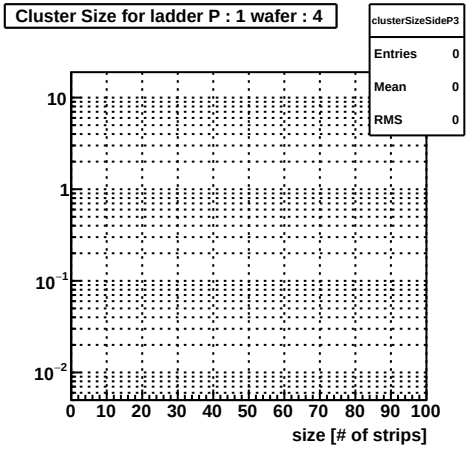

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

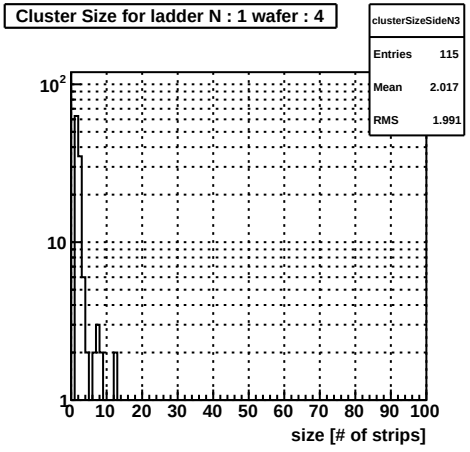

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 186
Mean 1.355
RMS 0.6663
size [# of strips]

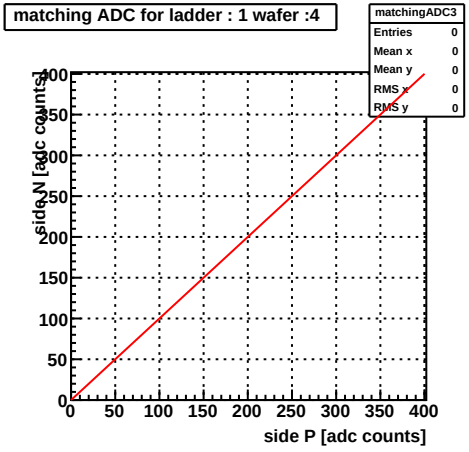

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

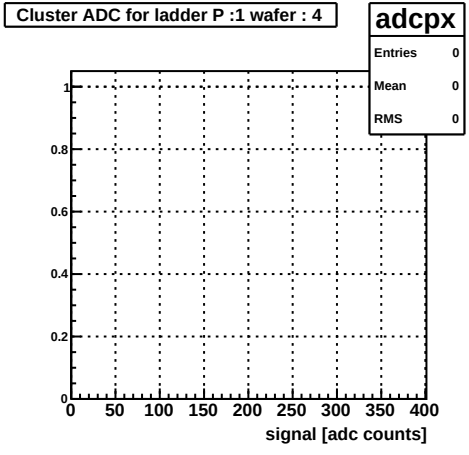

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

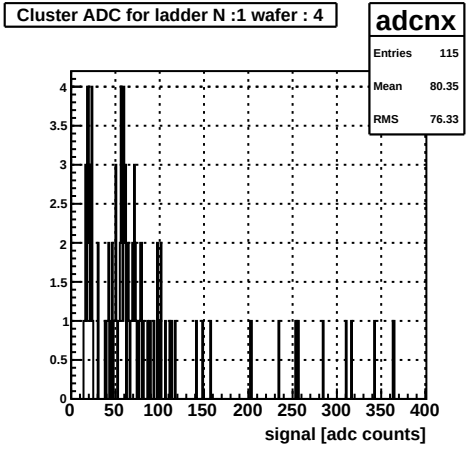

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 186
Mean 44.69
RMS 47.28
signal [adc counts]

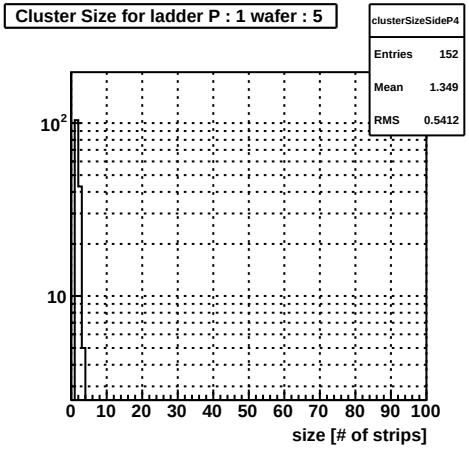

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

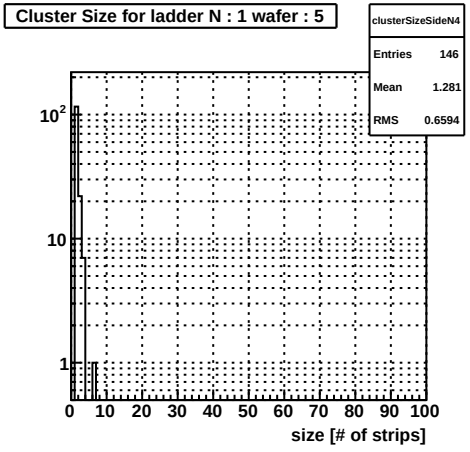

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 115
Mean 2.017
RMS 1.991
size [# of strips]

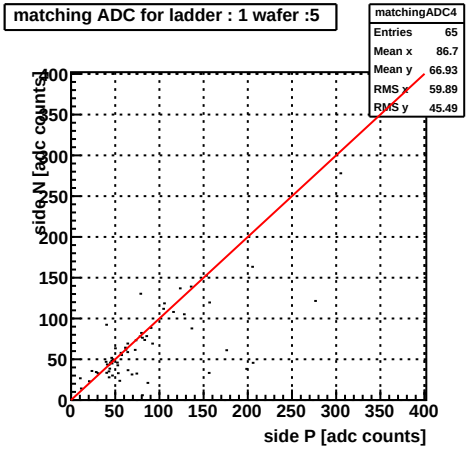

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

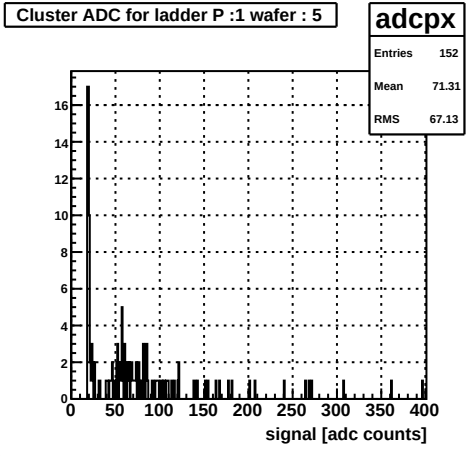

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

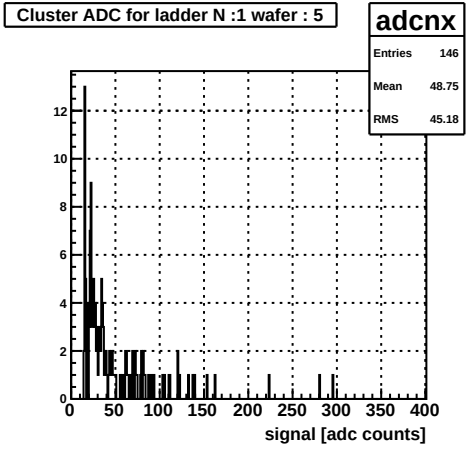

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 115
Mean 80.35
RMS 76.33
signal [adc counts]

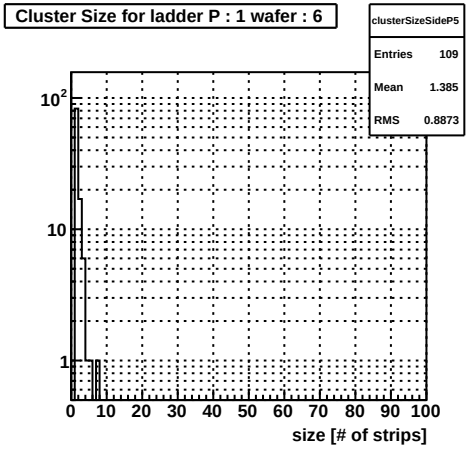

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 152
Mean 1.349
RMS 0.5412
size [# of strips]

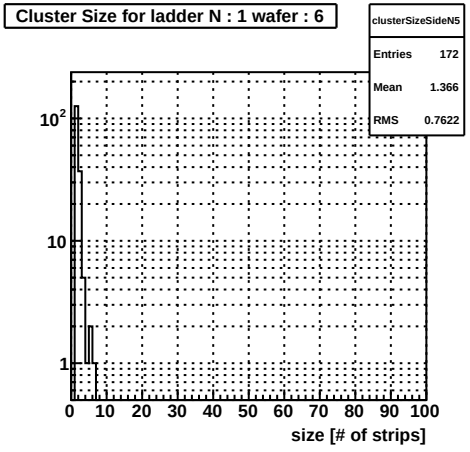

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 146
Mean 1.281
RMS 0.6594
size [# of strips]

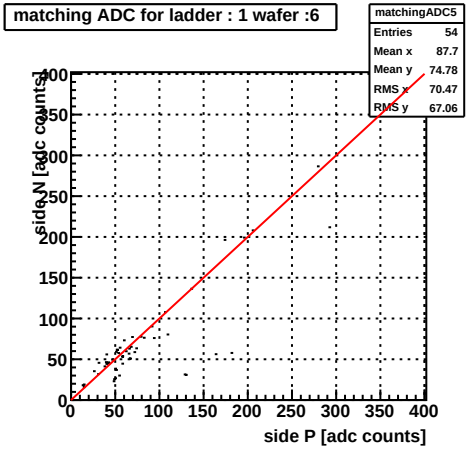

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 65
Mean x 86.7
Mean y 66.93
RMS x 59.89
RMS y 45.49
side N [adc counts]
side P [adc counts]

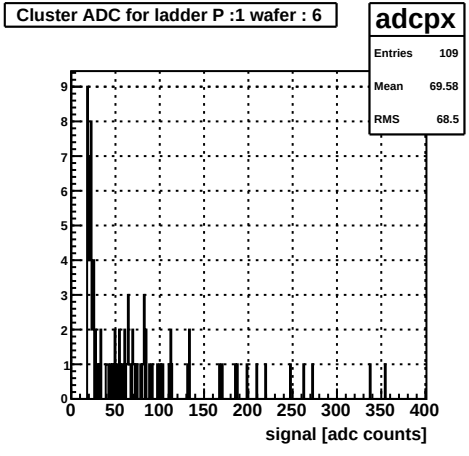

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 152
Mean 71.31
RMS 67.13
signal [adc counts]

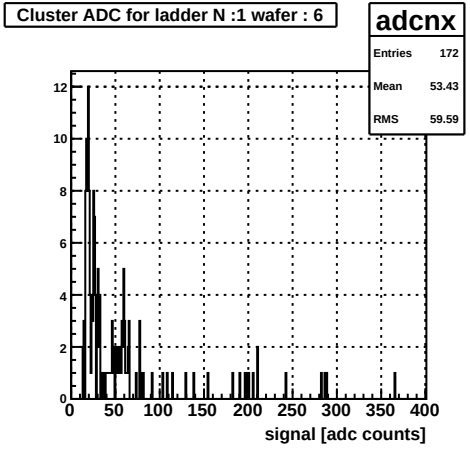

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 146
Mean 48.75
RMS 45.18
signal [adc counts]

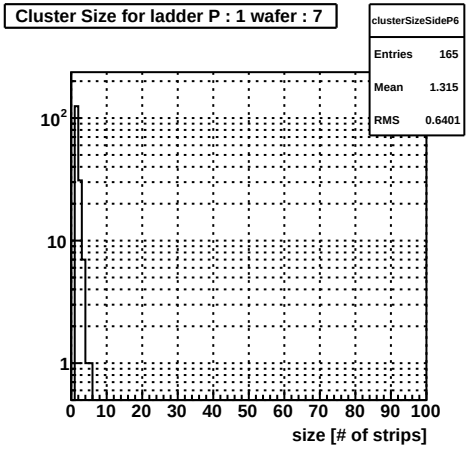

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 109
Mean 1.385
RMS 0.8873
size [# of strips]

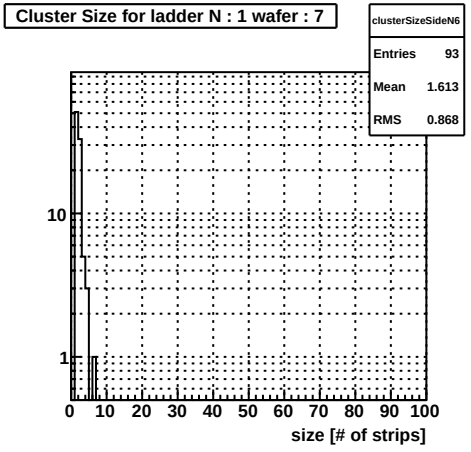

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 172
Mean 1.366
RMS 0.7622
size [# of strips]

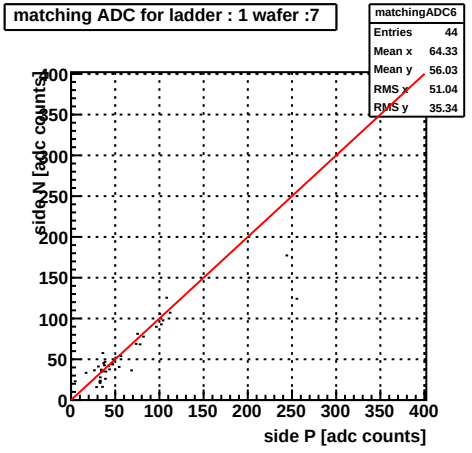

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 54
Mean x 87.7
Mean y 74.78
RMS x 70.47
RMS y 67.06
side N [adc counts]
side P [adc counts]

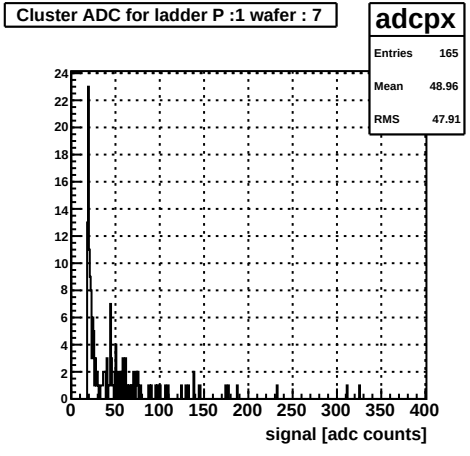

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 109
Mean 69.58
RMS 68.5
signal [adc counts]

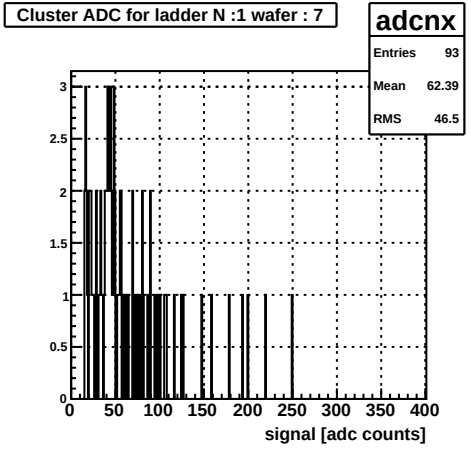

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 172
Mean 53.43
RMS 59.59
signal [adc counts]

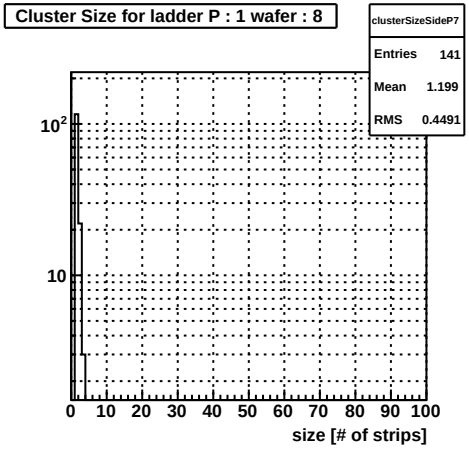

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 165
Mean 1.315
RMS 0.6401
size [# of strips]

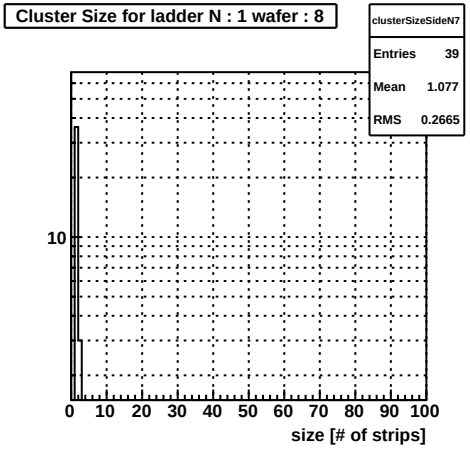

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 93
Mean 1.613
RMS 0.868
size [# of strips]

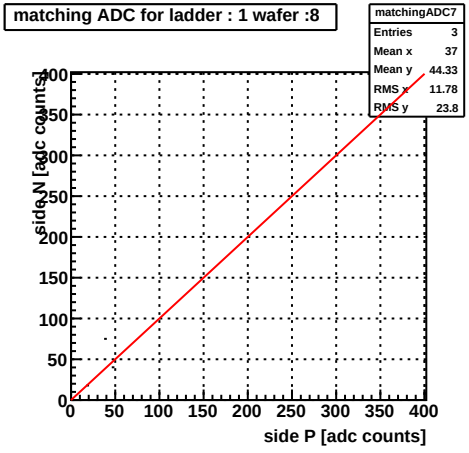

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 44
Mean x 64.33
Mean y 56.03
RMS x 51.04
RMS y 35.34
side N [adc counts]
side P [adc counts]

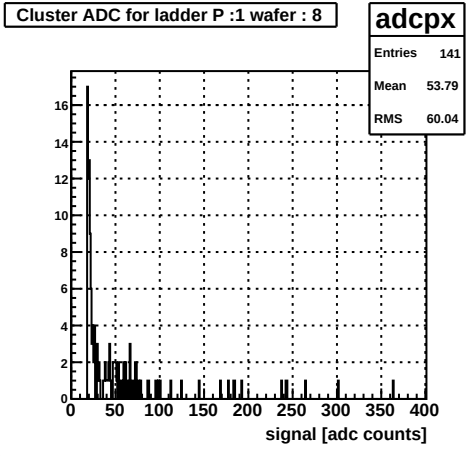

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 165
Mean 48.96
RMS 47.91
signal [adc counts]

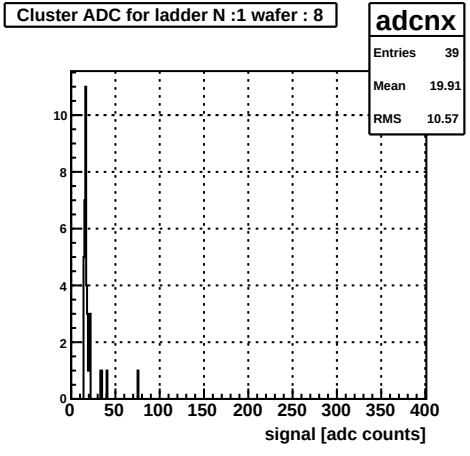

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 93
Mean 62.39
RMS 46.5
signal [adc counts]

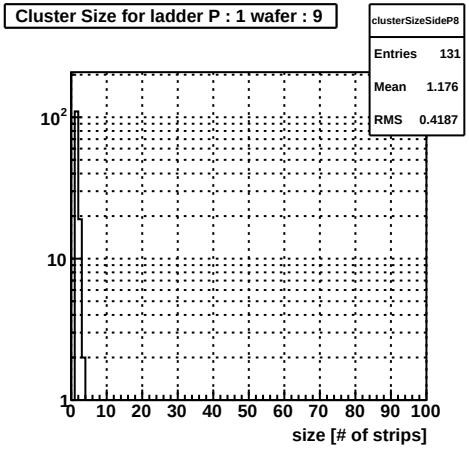

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 141
Mean 1.199
RMS 0.4491
size [# of strips]

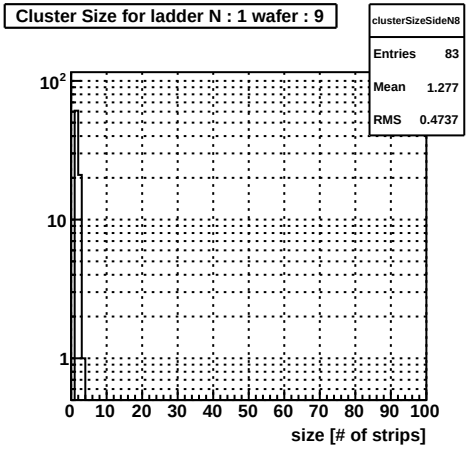

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 39
Mean 1.077
RMS 0.2665
size [# of strips]

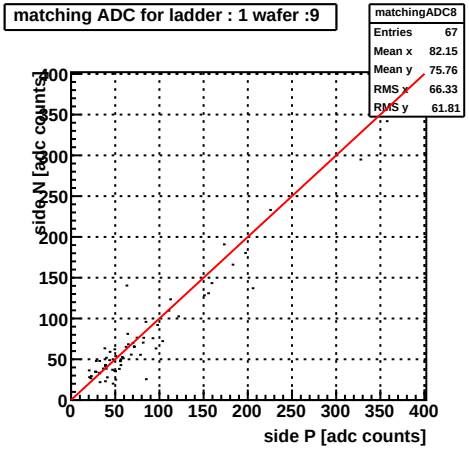

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 3
Mean x 37
Mean y 44.33
RMS x 11.78
RMS y 23.8
side N [adc counts]
side P [adc counts]

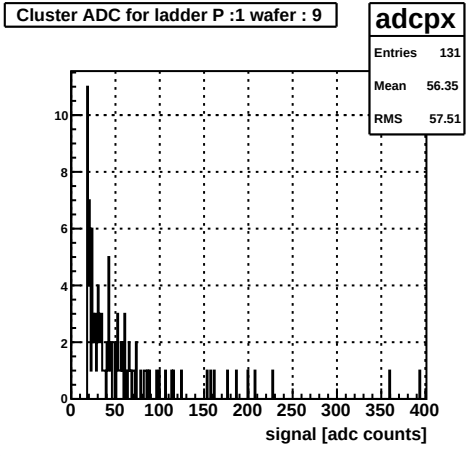

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 141
Mean 53.79
RMS 60.04
signal [adc counts]

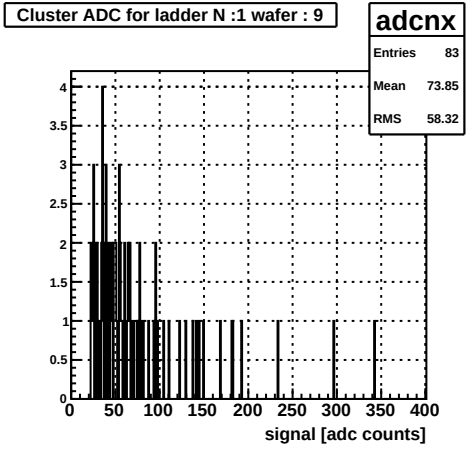

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 39
Mean 19.91
RMS 10.57
signal [adc counts]

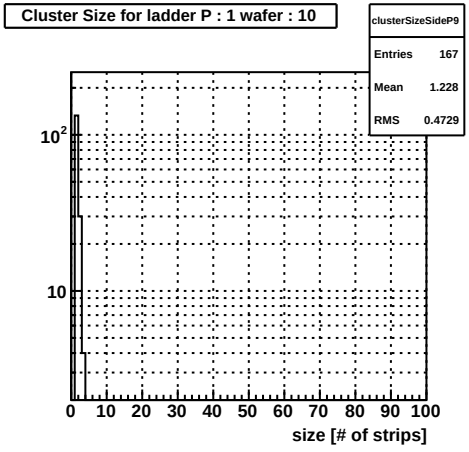

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 131
Mean 1.176
RMS 0.4187
size [# of strips]

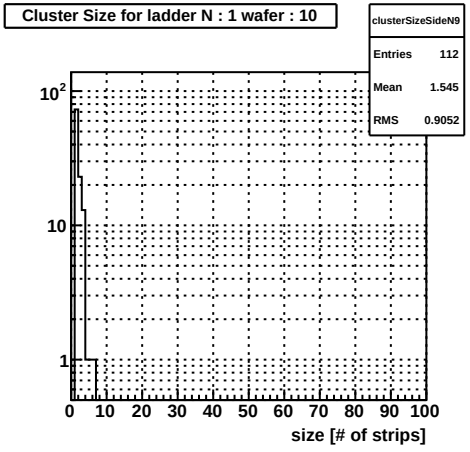

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 83
Mean 1.277
RMS 0.4737
size [# of strips]

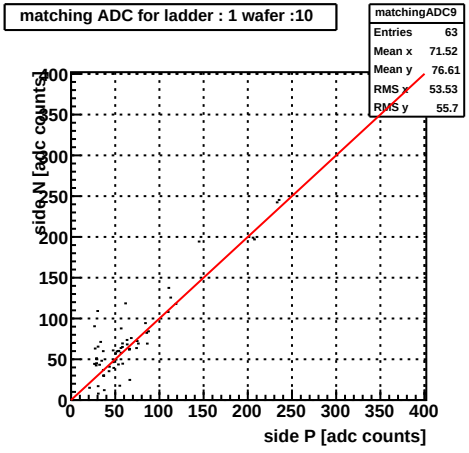

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 67
Mean x 82.15
Mean y 75.76
RMS x 66.33
RMS y 61.81
side N [adc counts]
side P [adc counts]

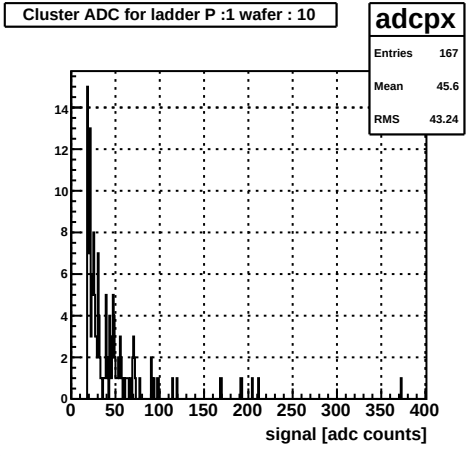

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 131
Mean 56.35
RMS 57.51
signal [adc counts]

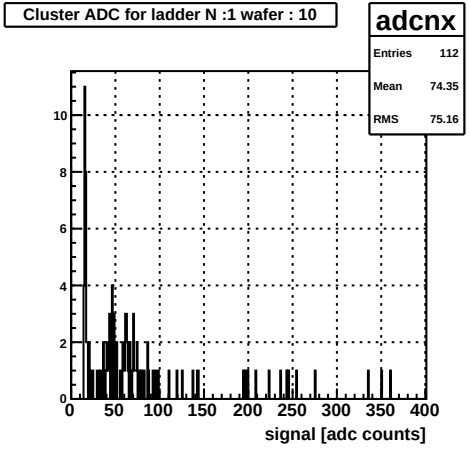

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 83
Mean 73.85
RMS 58.32
signal [adc counts]

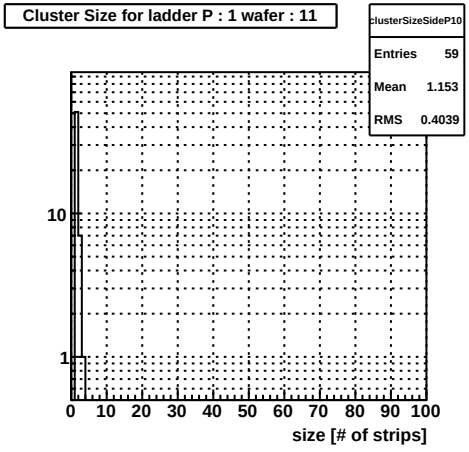

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 167
Mean 1.228
RMS 0.4729
size [# of strips]

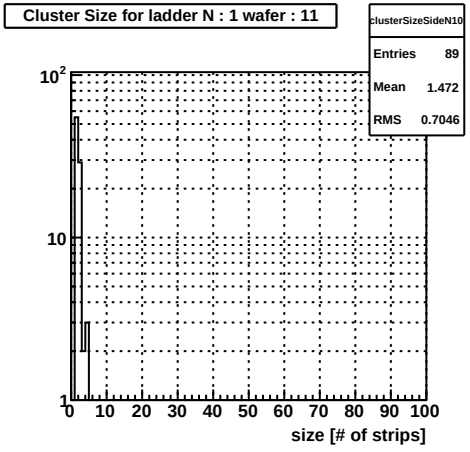

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 112
Mean 1.545
RMS 0.9052
size [# of strips]

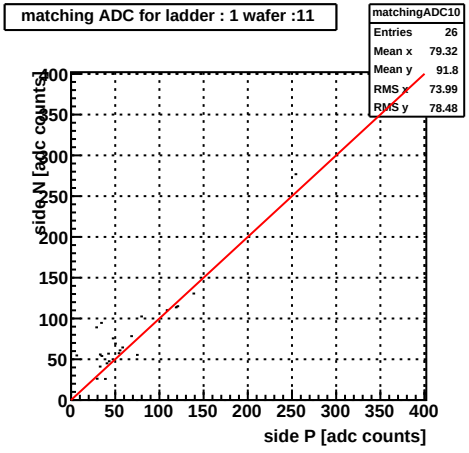

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 63
Mean x 71.52
Mean y 76.61
RMS x 53.53
RMS y 55.7
side N [adc counts]
side P [adc counts]

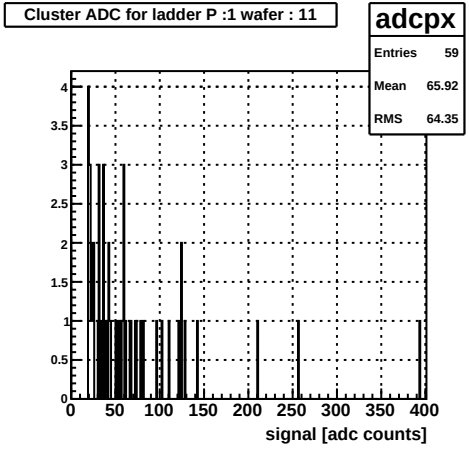

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 167
Mean 45.6
RMS 43.24
signal [adc counts]

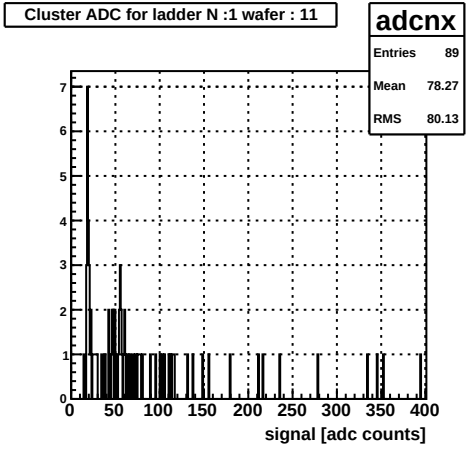

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 112
Mean 74.35
RMS 75.16
signal [adc counts]

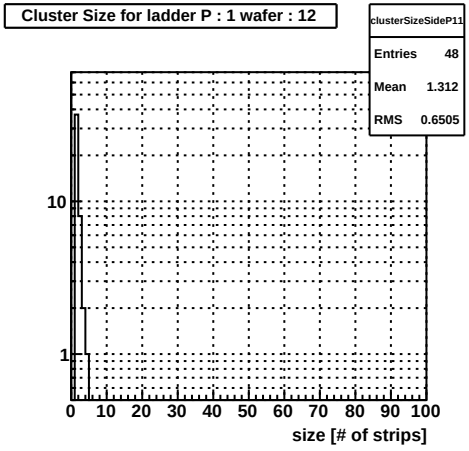

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 59
Mean 1.153
RMS 0.4039
size [# of strips]

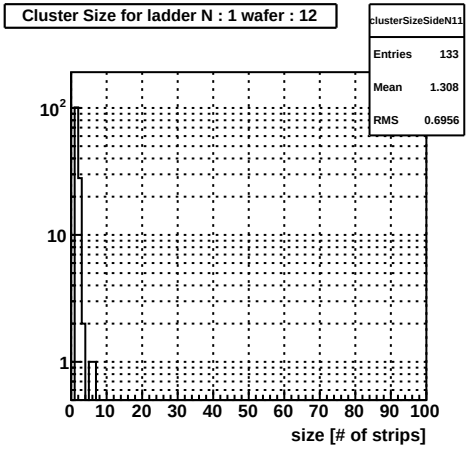

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 89
Mean 1.472
RMS 0.7046
size [# of strips]

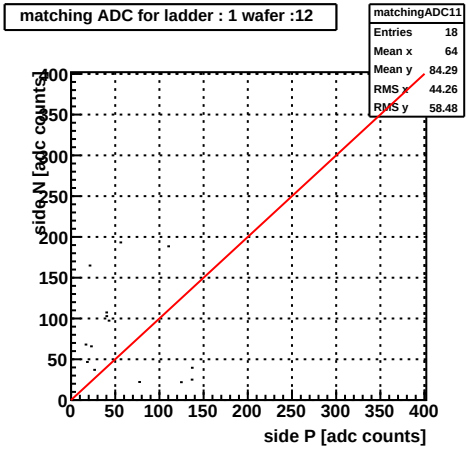

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 26
Mean x 79.32
Mean y 91.8
RMS x 73.99
RMS y 78.48
side N [adc counts]
side P [adc counts]

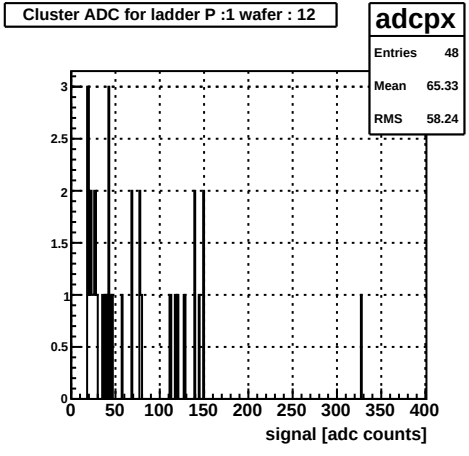

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 59
Mean 65.92
RMS 64.35
signal [adc counts]

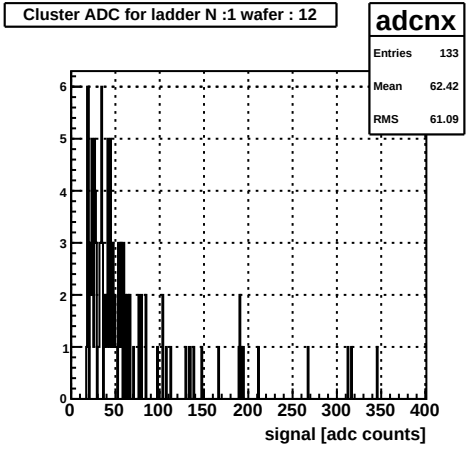

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 89
Mean 78.27
RMS 80.13
signal [adc counts]

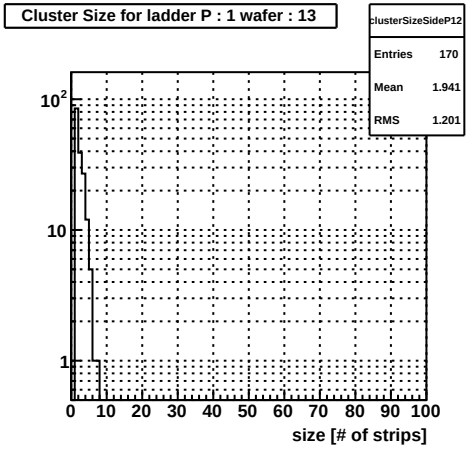

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 48
Mean 1.312
RMS 0.6505
size [# of strips]

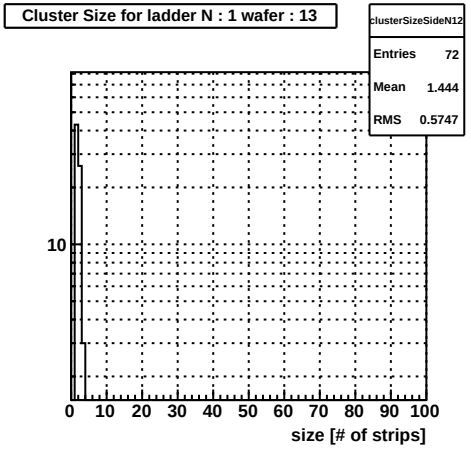

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 133
Mean 1.308
RMS 0.6956
size [# of strips]

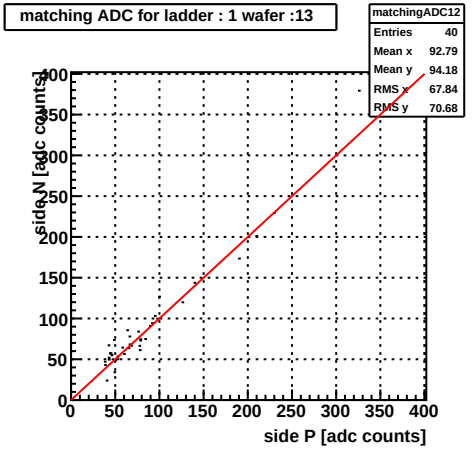

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 18
Mean x 64
Mean y 84.29
RMS x 44.26
RMS y 58.48
side N [adc counts]
side P [adc counts]

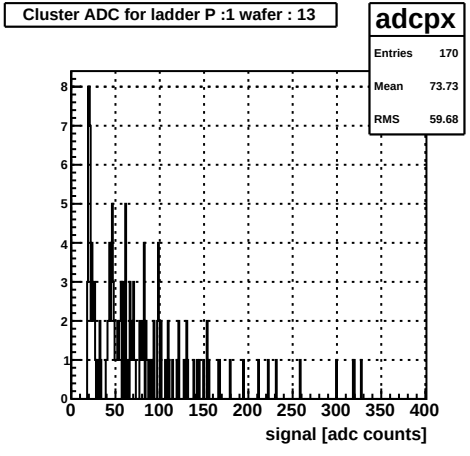

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 48
Mean 65.33
RMS 58.24
signal [adc counts]

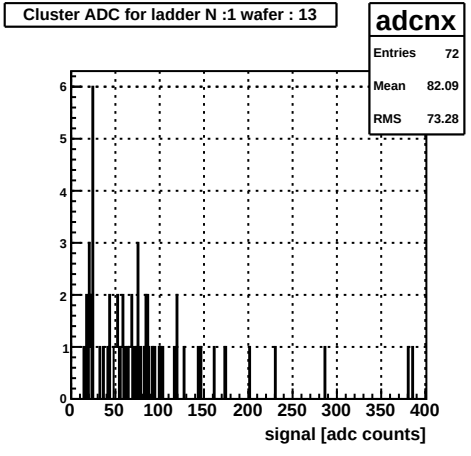

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 133
Mean 62.42
RMS 61.09
signal [adc counts]

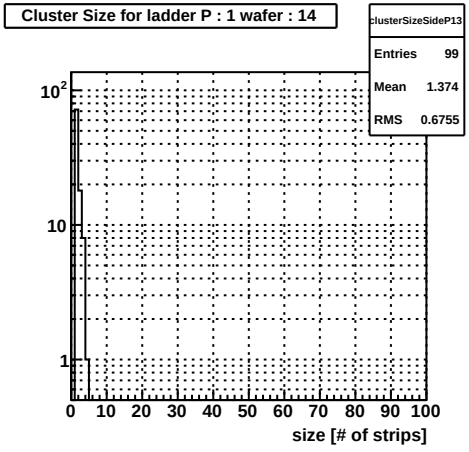

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 170
Mean 1.941
RMS 1.201
size [# of strips]

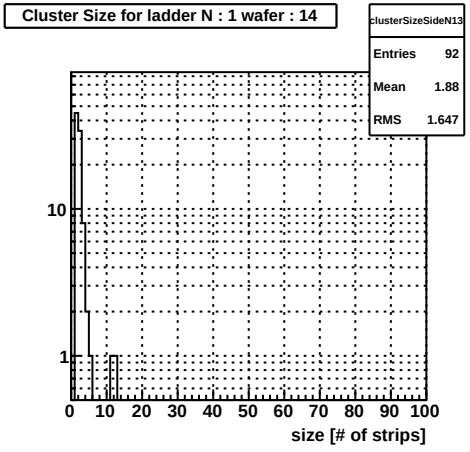

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 72
Mean 1.444
RMS 0.5747
size [# of strips]

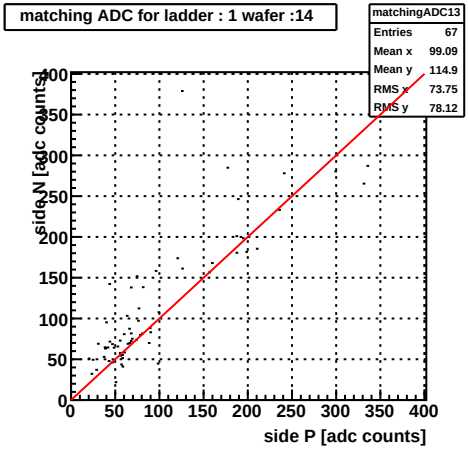

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 40
Mean x 92.79
Mean y 94.18
RMS x 67.84
RMS y 70.68
side N [adc counts]
side P [adc counts]

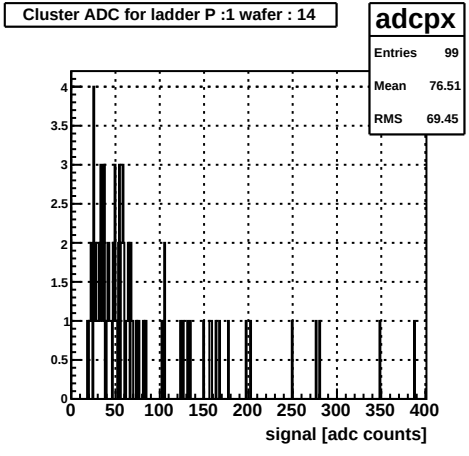

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 170
Mean 73.73
RMS 59.68
signal [adc counts]

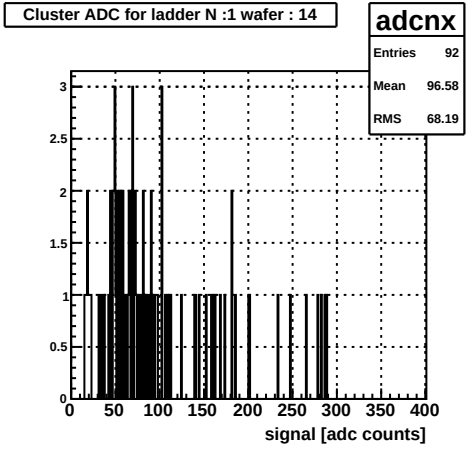

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 72
Mean 82.09
RMS 73.28
signal [adc counts]

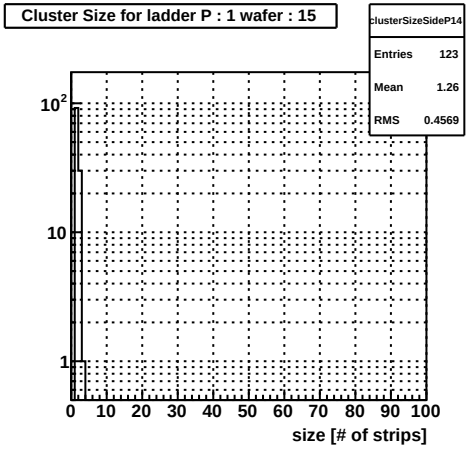

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 99
Mean 1.374
RMS 0.6755
size [# of strips]

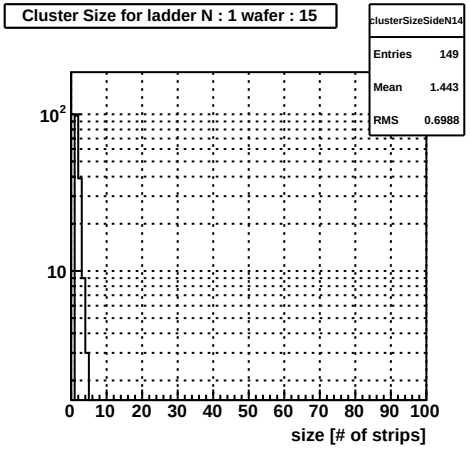

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 92
Mean 1.88
RMS 1.647
size [# of strips]

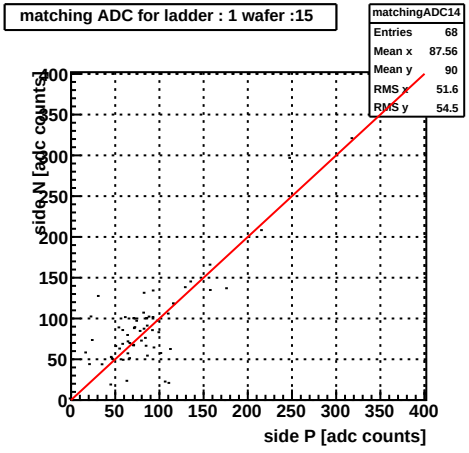

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 67
Mean x 99.09
Mean y 114.9
RMS x 73.75
RMS y 78.12
side N [adc counts]
side P [adc counts]

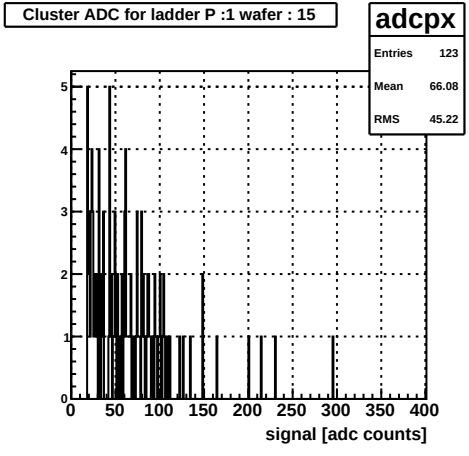

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 99
Mean 76.51
RMS 69.45
signal [adc counts]

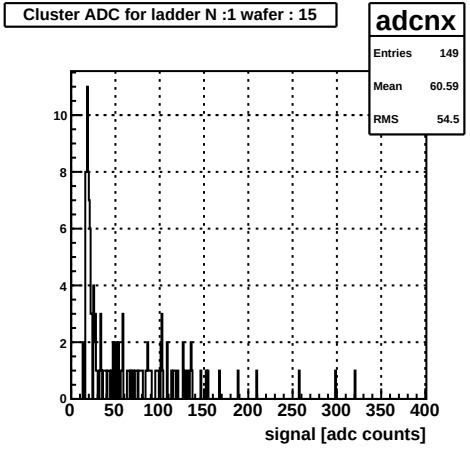

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 92
Mean 96.58
RMS 68.19
signal [adc counts]

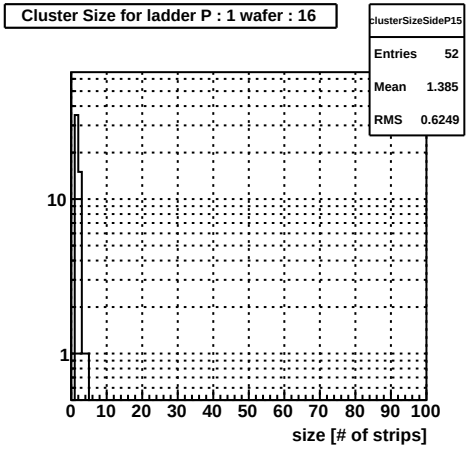

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 123
Mean 1.26
RMS 0.4569
size [# of strips]

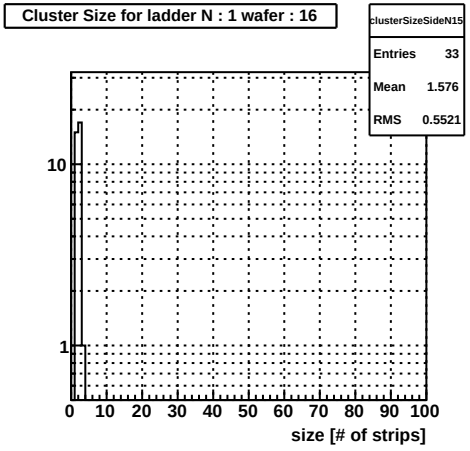

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 149
Mean 1.443
RMS 0.6988
size [# of strips]

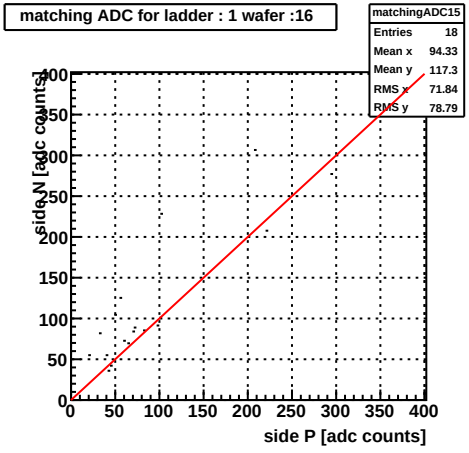

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 68
Mean x 87.56
Mean y 90
RMS x 51.6
RMS y 54.5
side N [adc counts]
side P [adc counts]

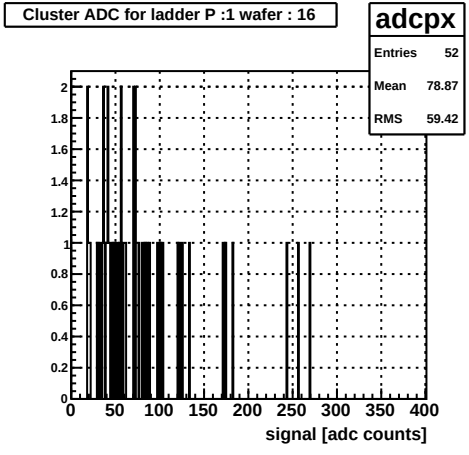

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 123
Mean 66.08
RMS 45.22
signal [adc counts]

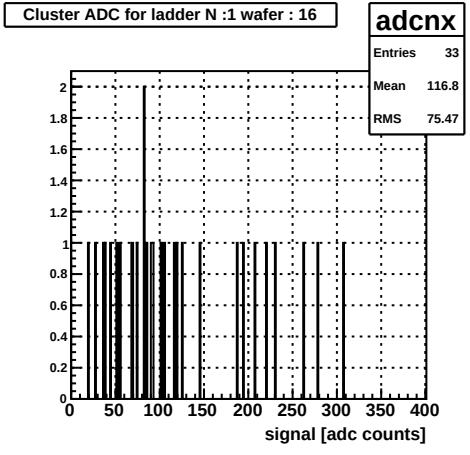

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 149
Mean 60.59
RMS 54.5
signal [adc counts]

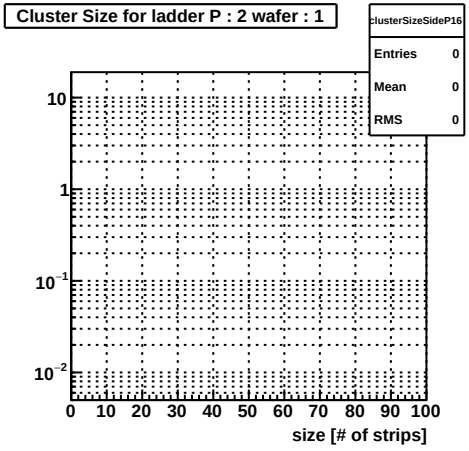

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 52
Mean 1.385
RMS 0.6249
size [# of strips]

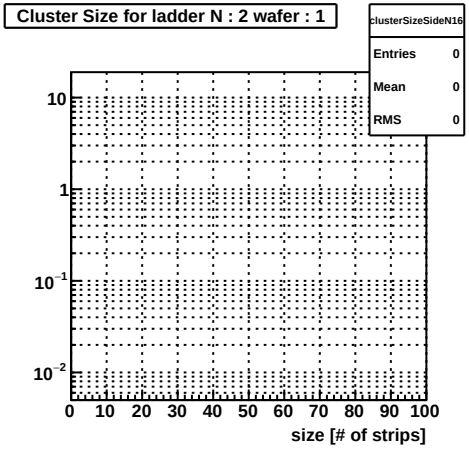

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 33
Mean 1.576
RMS 0.5521
size [# of strips]

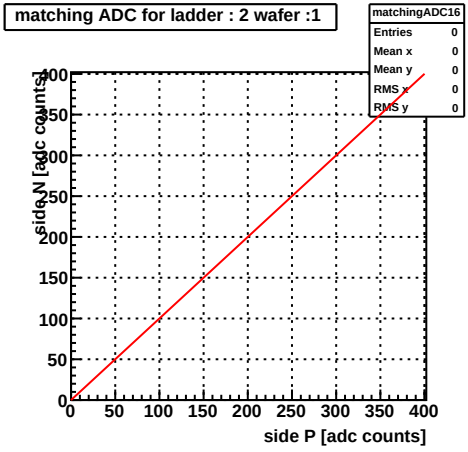

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 18
Mean x 94.33
Mean y 117.3
RMS x 71.84
RMS y 78.79
side N [adc counts]
side P [adc counts]

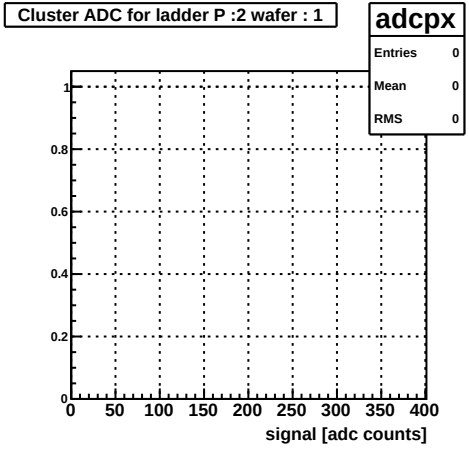

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 52
Mean 78.87
RMS 59.42
signal [adc counts]

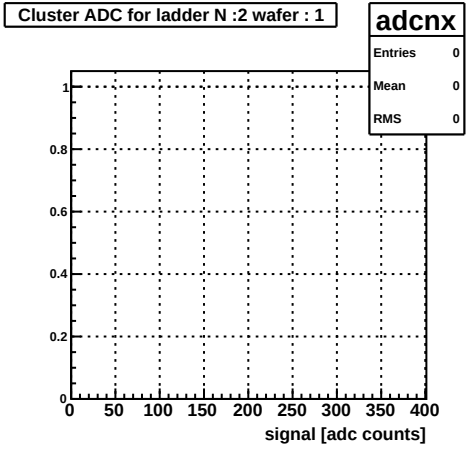

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 33
Mean 116.8
RMS 75.47
signal [adc counts]

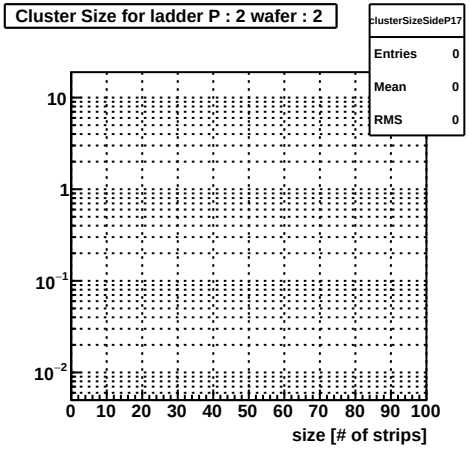

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

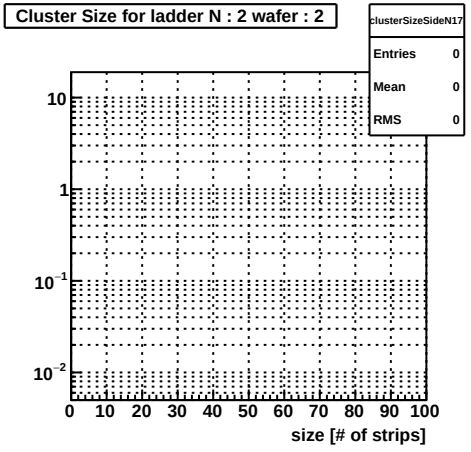

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

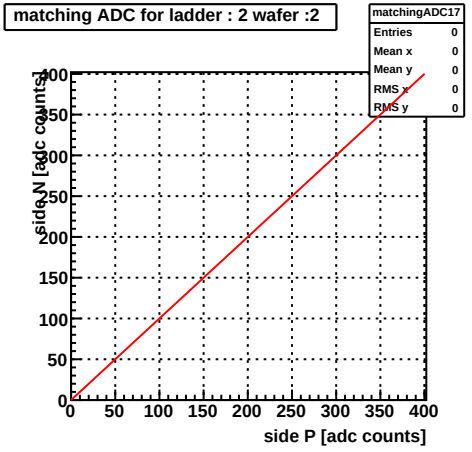

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

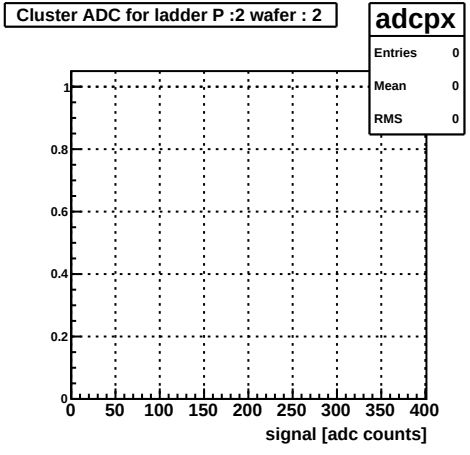

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

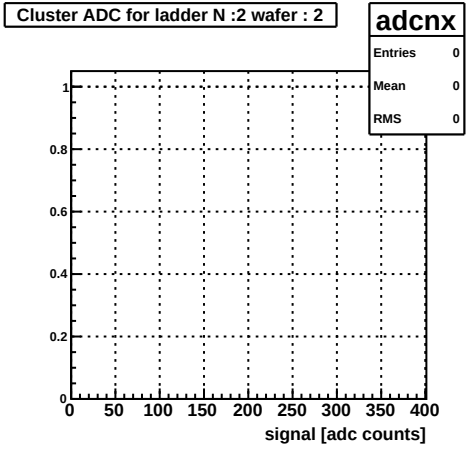

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

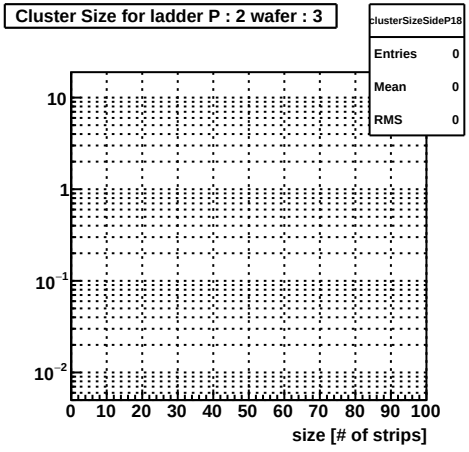

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

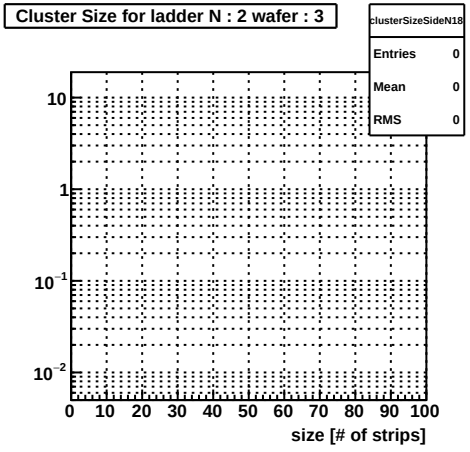

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

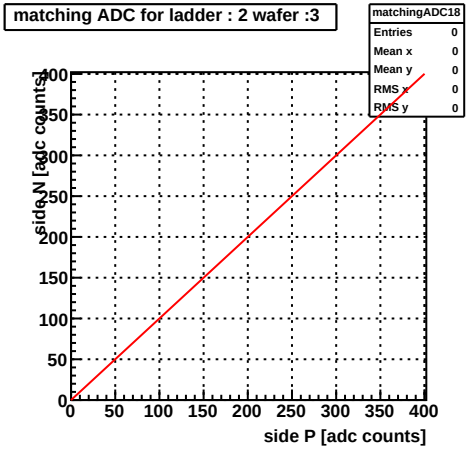

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

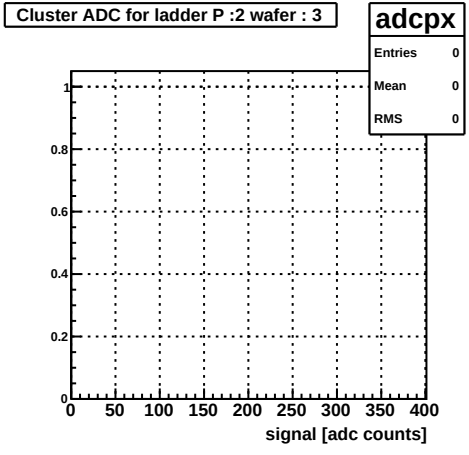

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

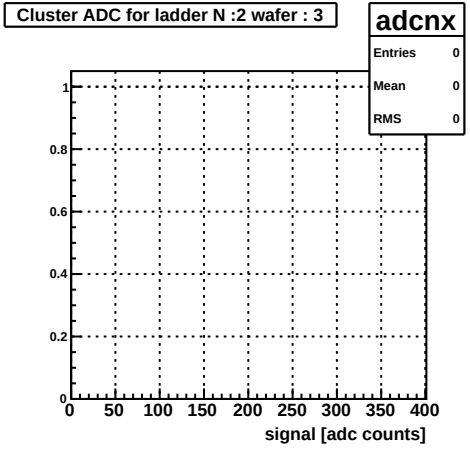

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

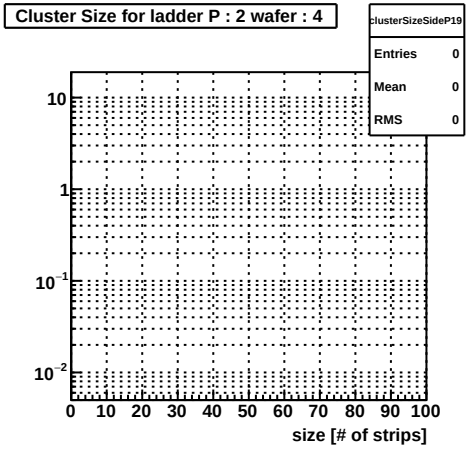

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

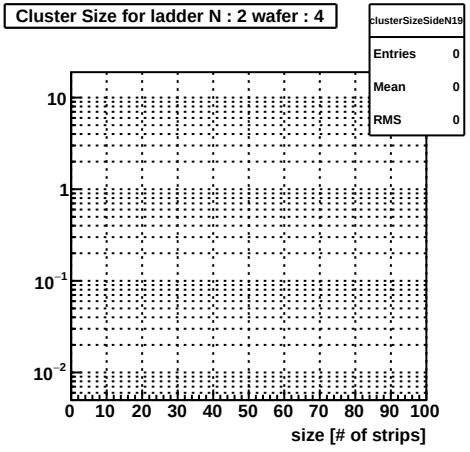

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

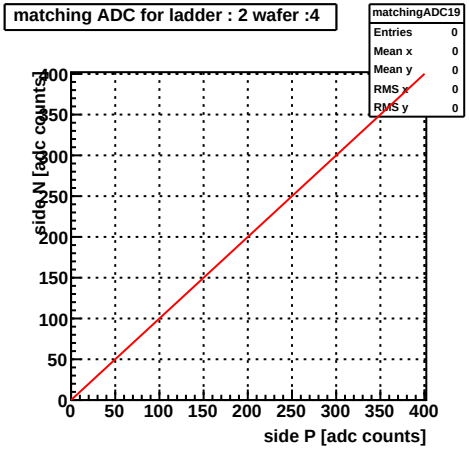

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

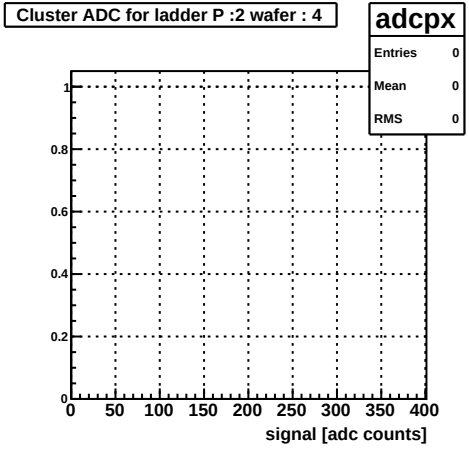

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

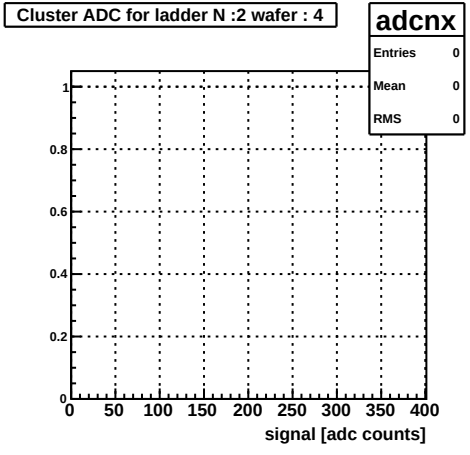

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

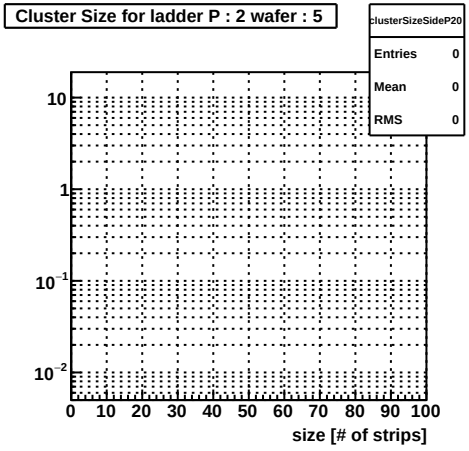

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

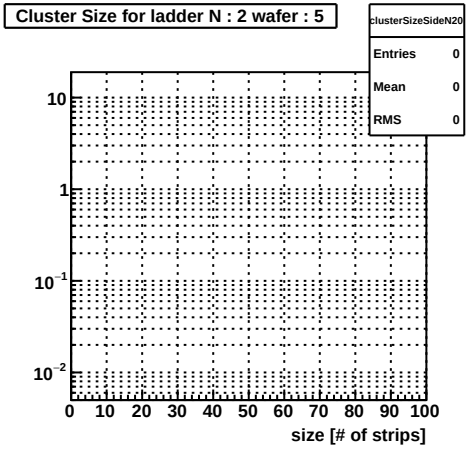

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

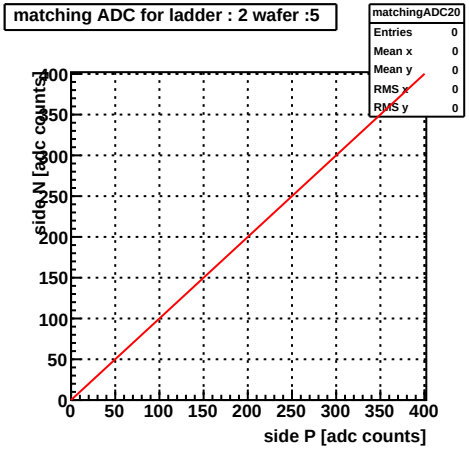

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

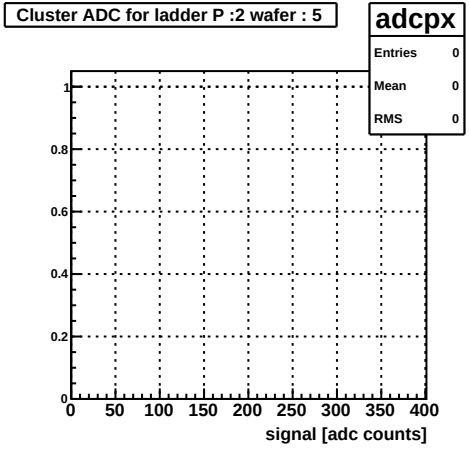

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

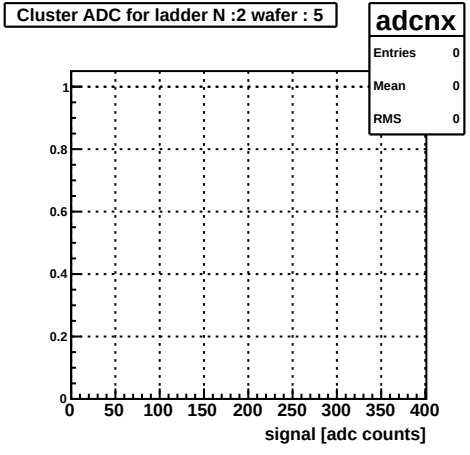

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

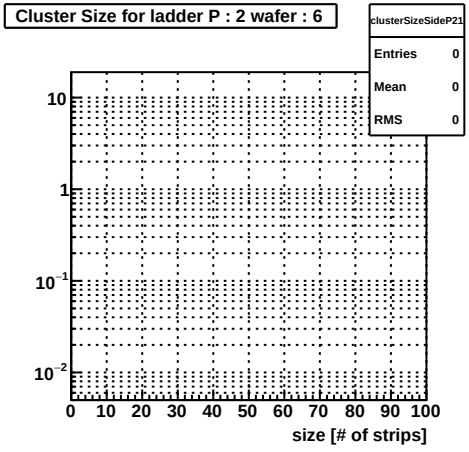

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

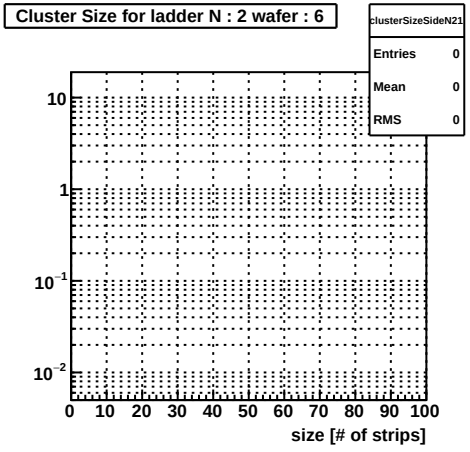

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

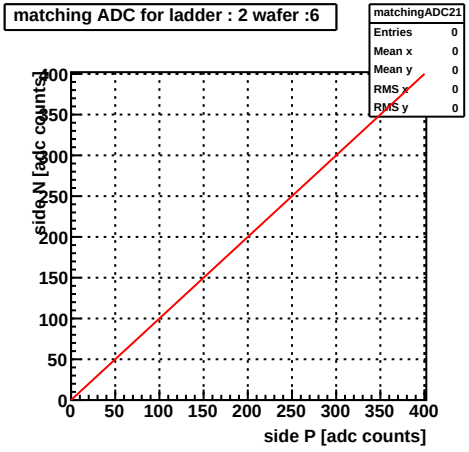

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

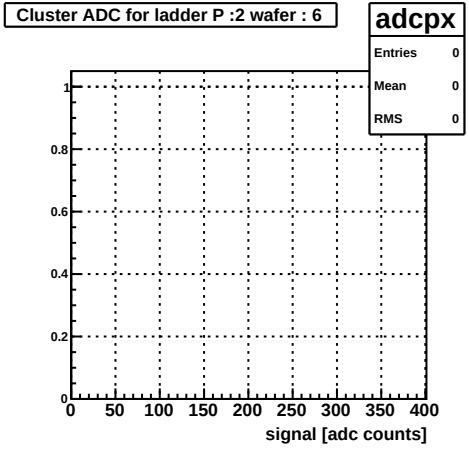

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

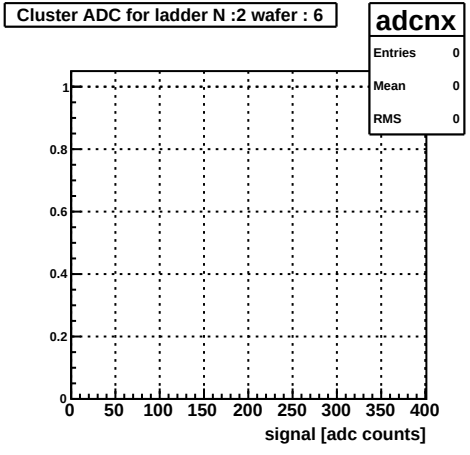

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

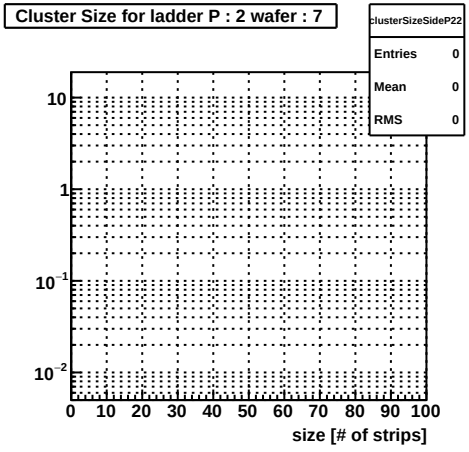

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

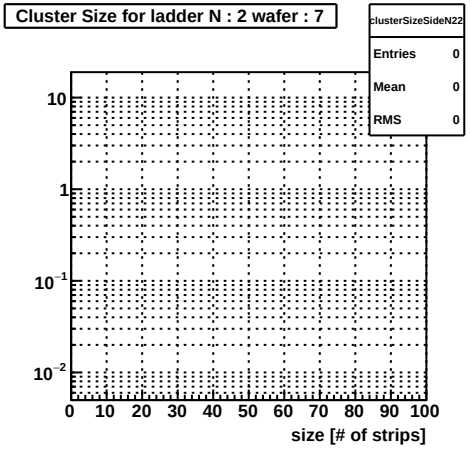

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

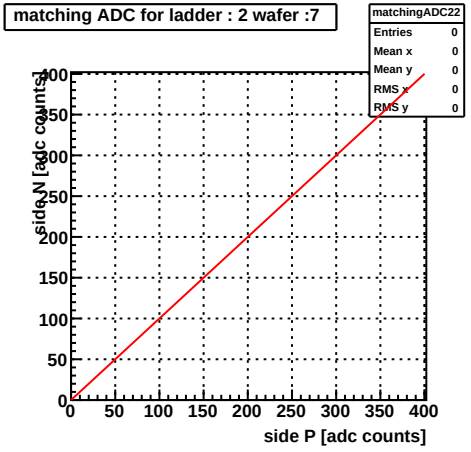

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

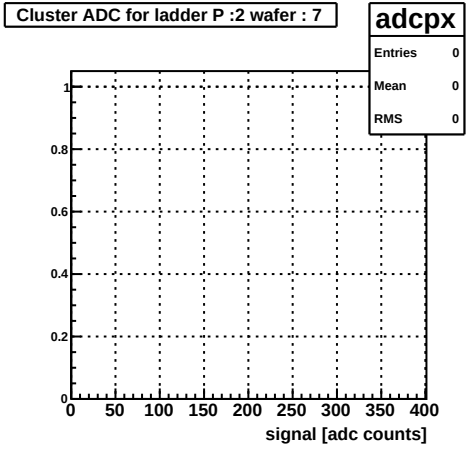

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

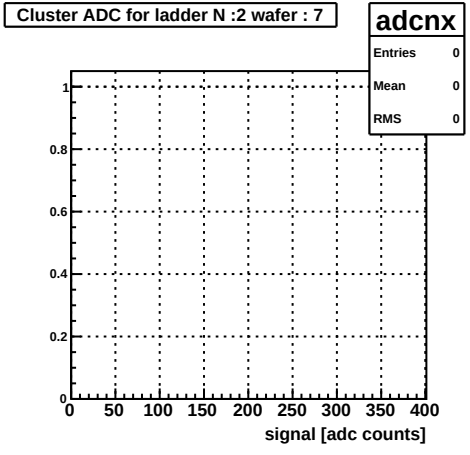

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

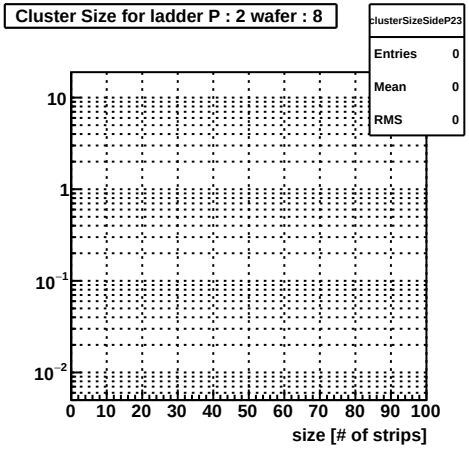

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

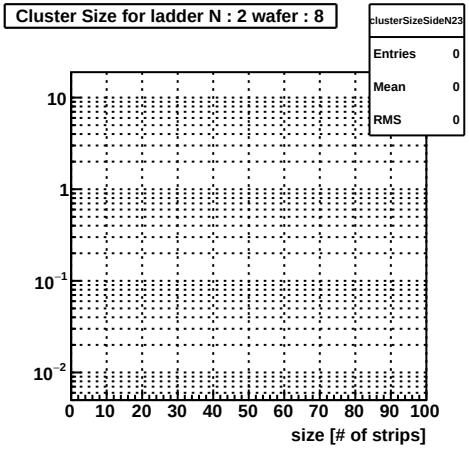

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

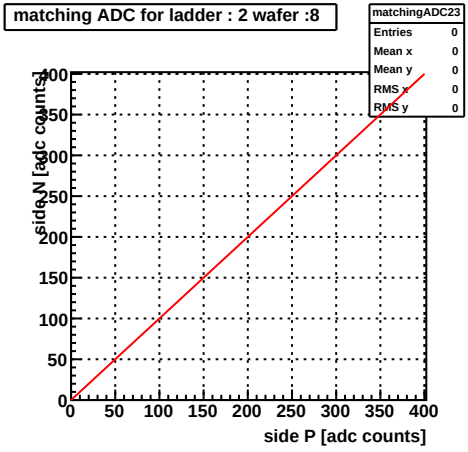

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

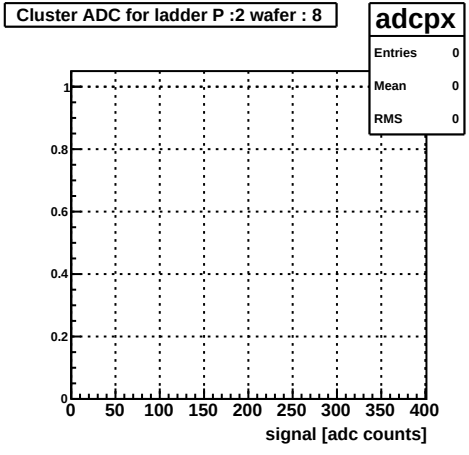

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

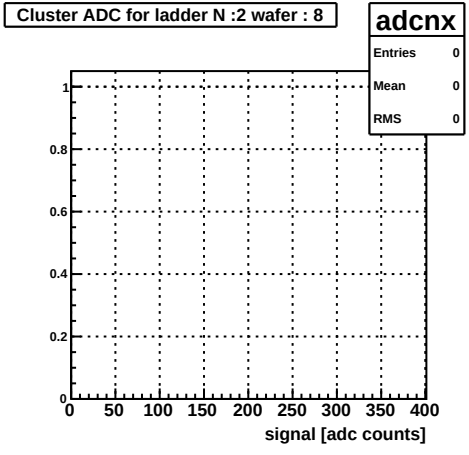

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

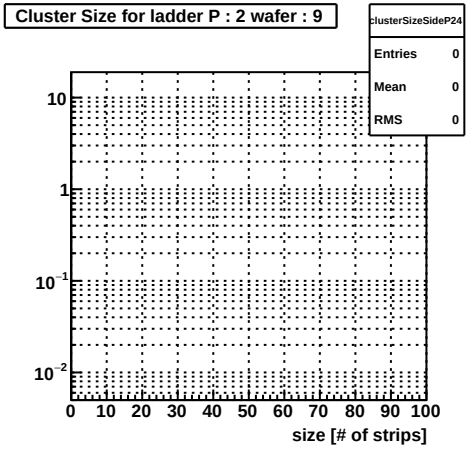

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

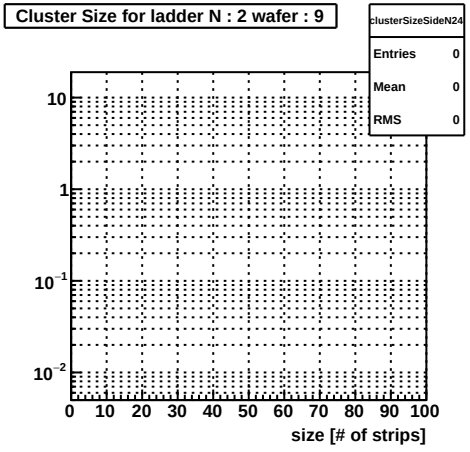

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

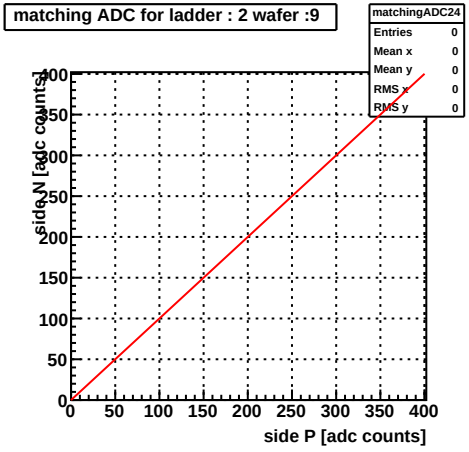

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

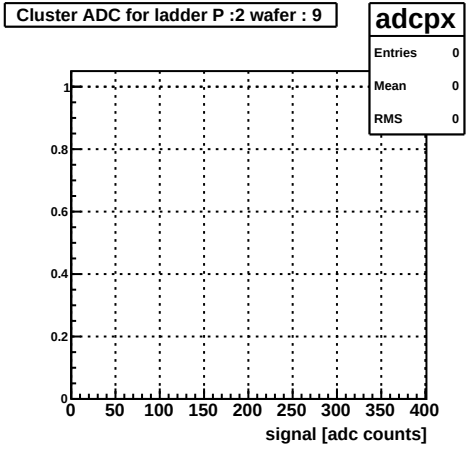

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

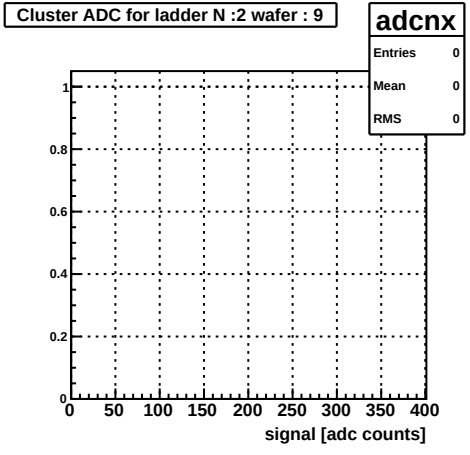

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

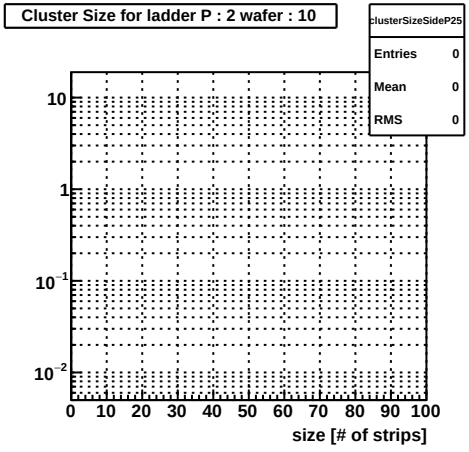

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

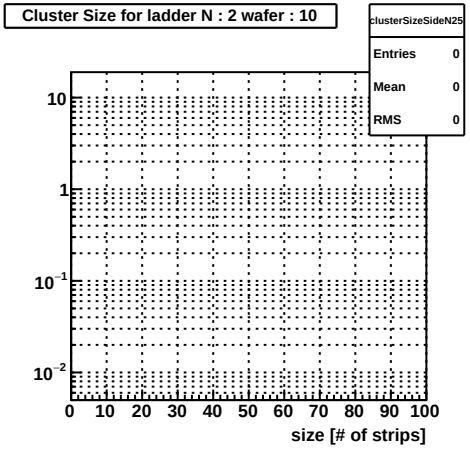

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

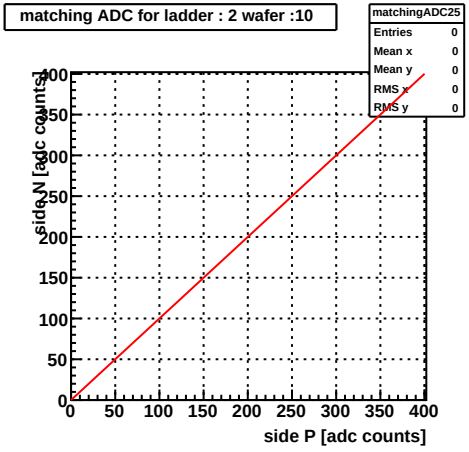

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

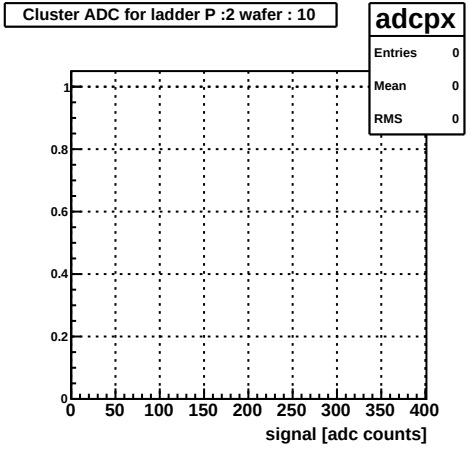

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

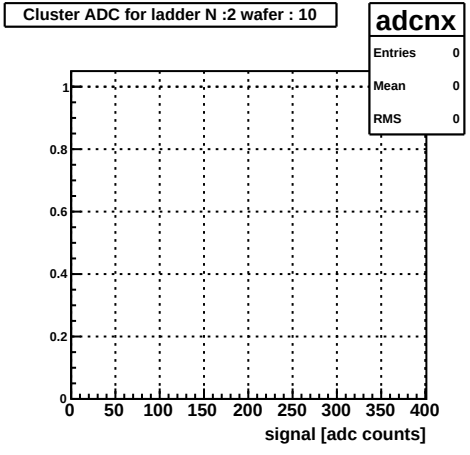

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

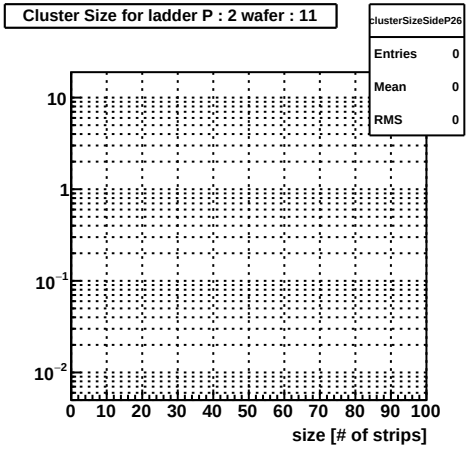

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

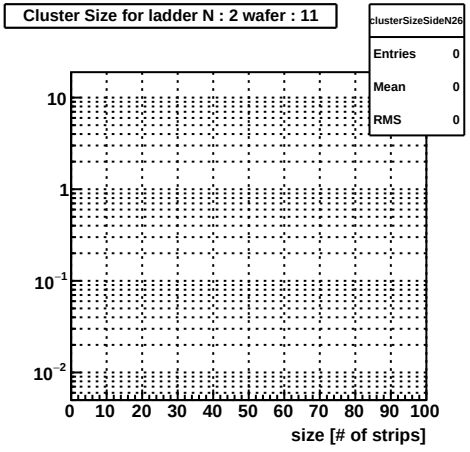

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

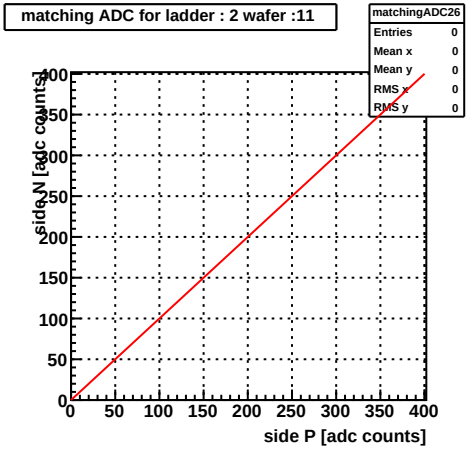

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

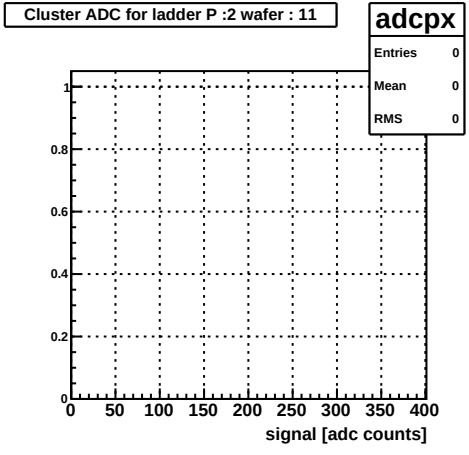

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

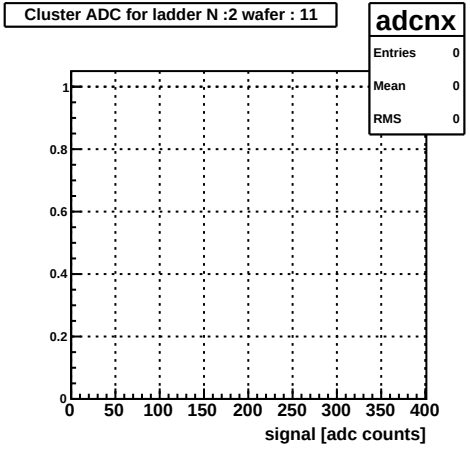

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

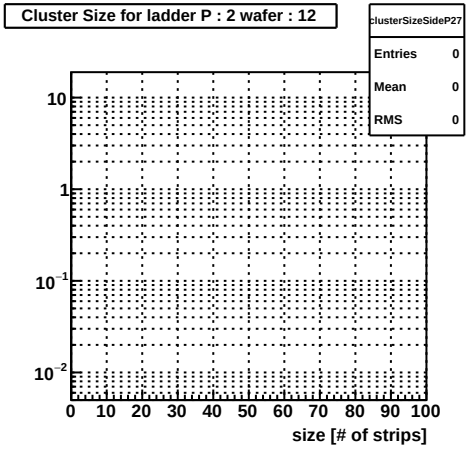

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

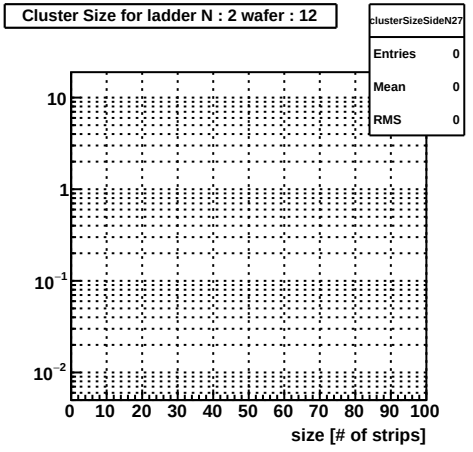

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

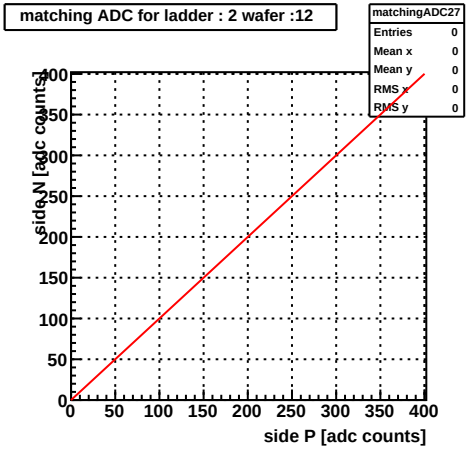

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

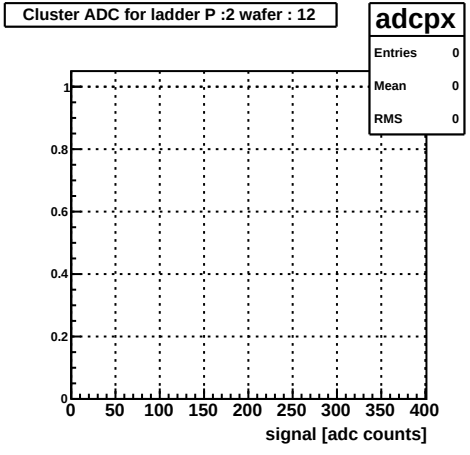

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

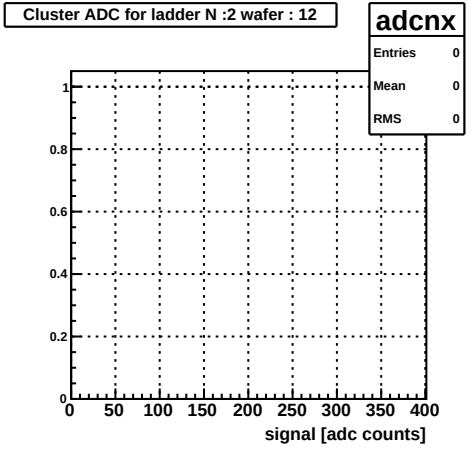

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

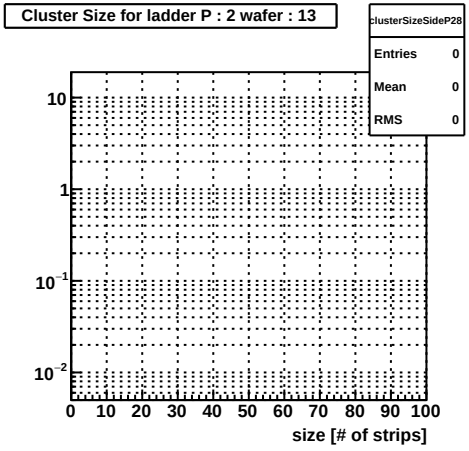

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

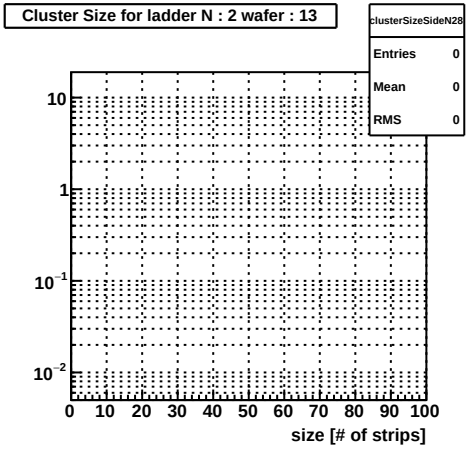

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

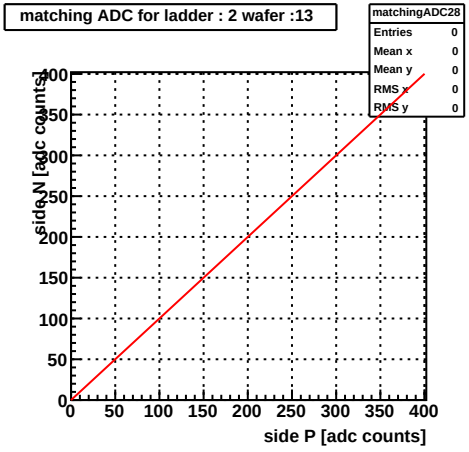

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

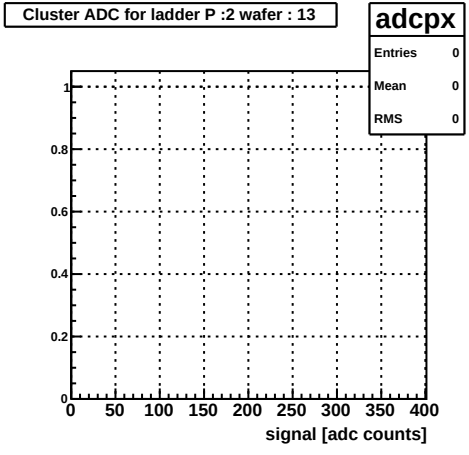

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

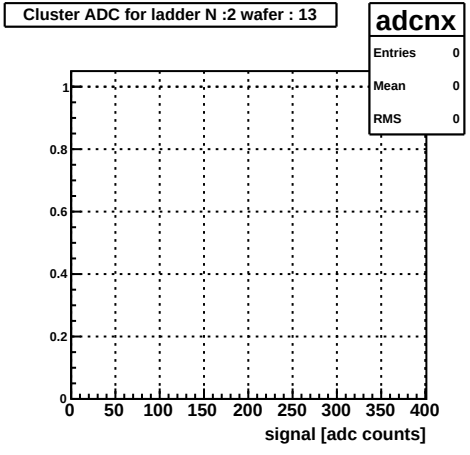

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

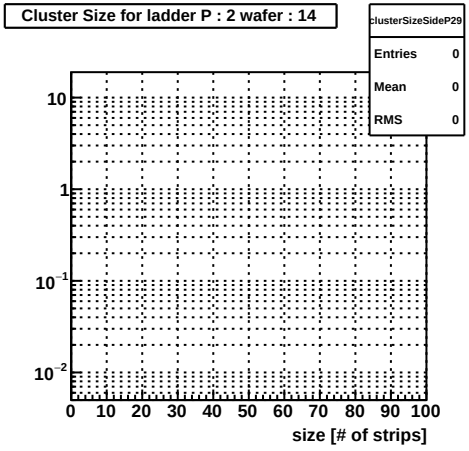

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

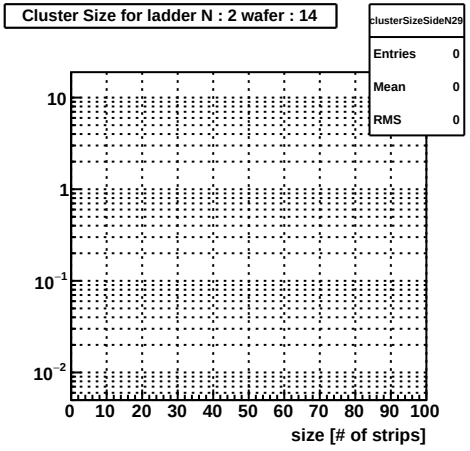

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

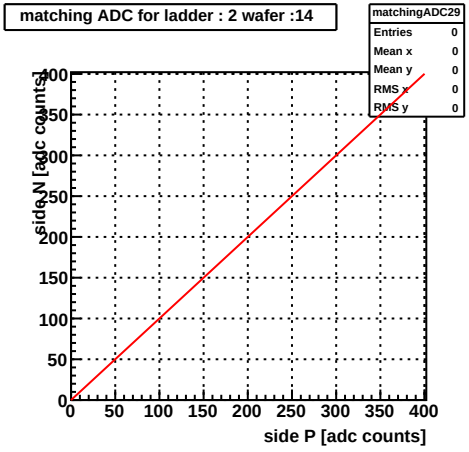

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

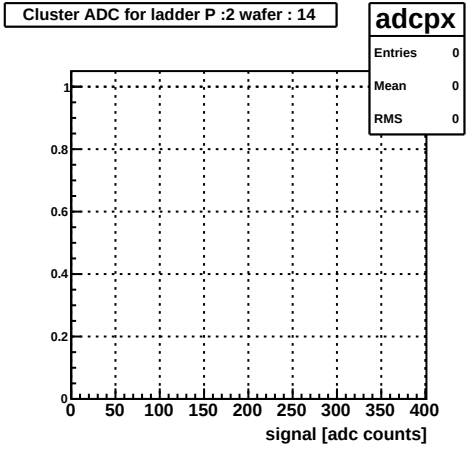

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

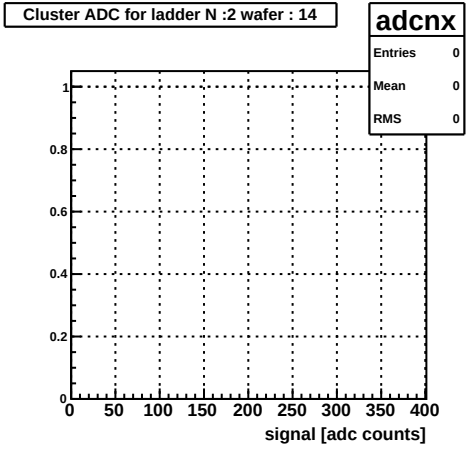

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

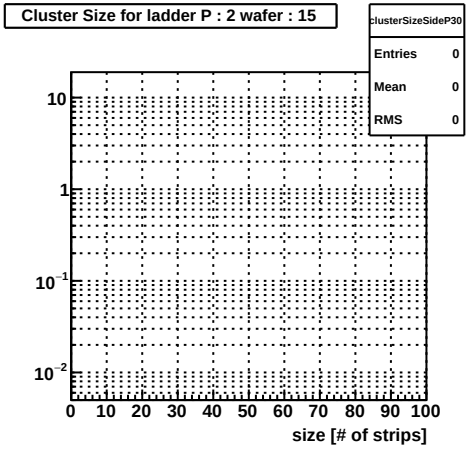

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

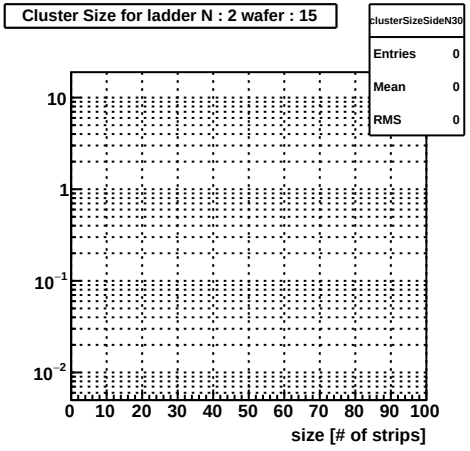

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

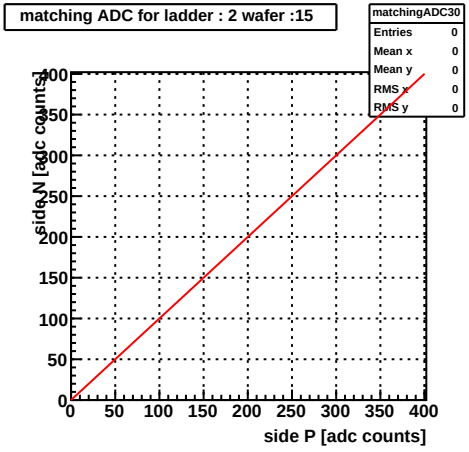

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

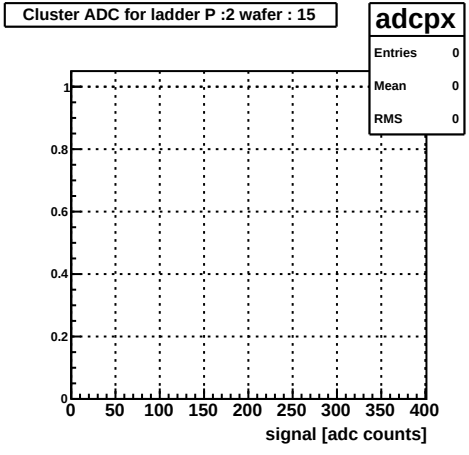

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

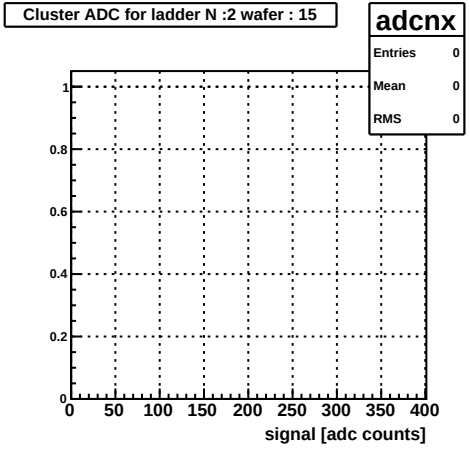

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

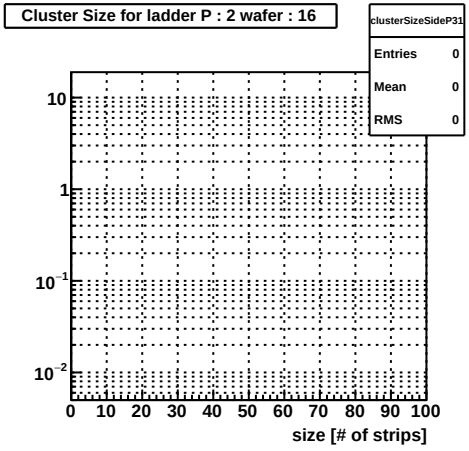

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

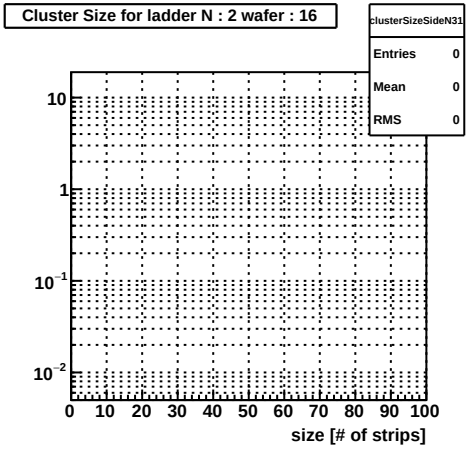

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

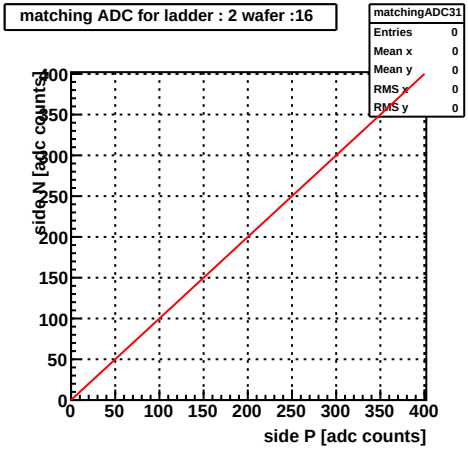

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

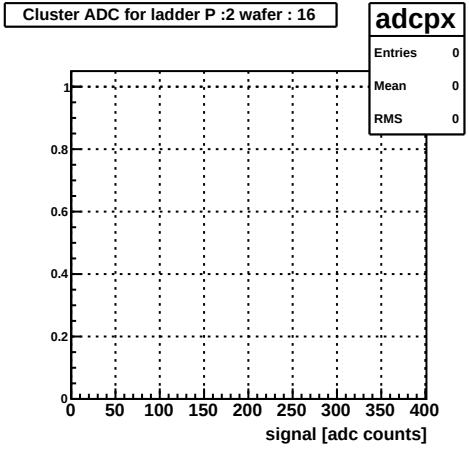

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

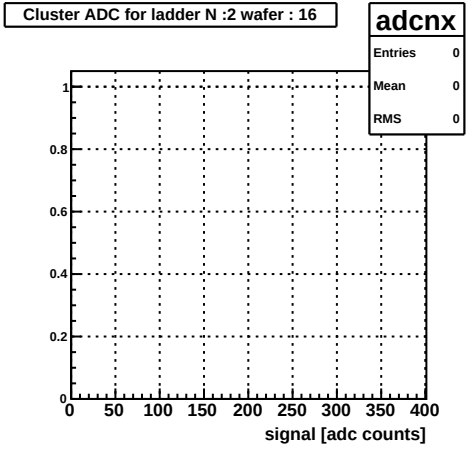

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

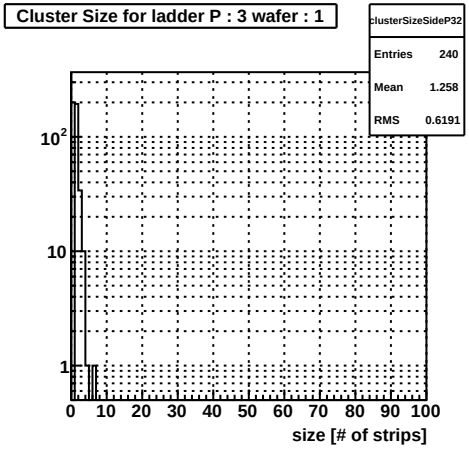

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

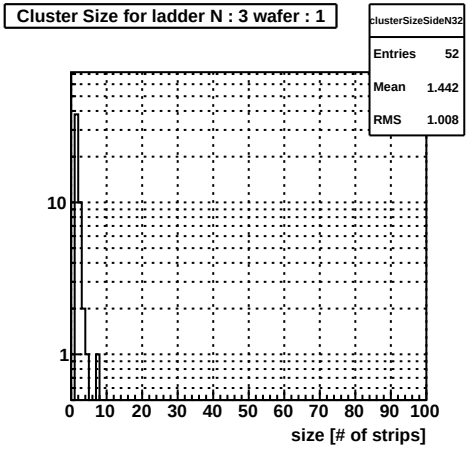

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

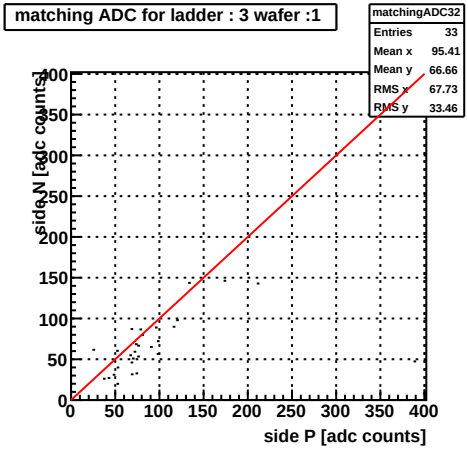

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

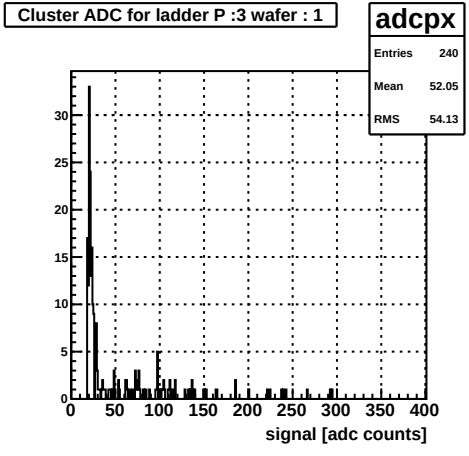

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

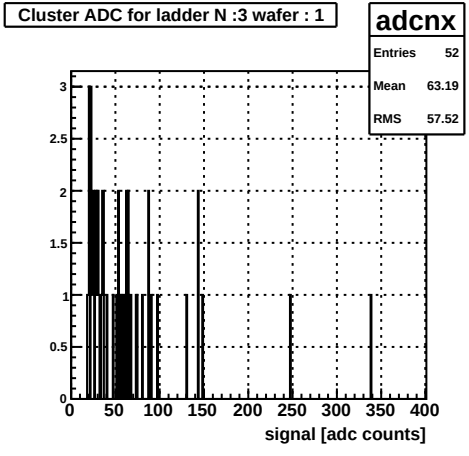

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

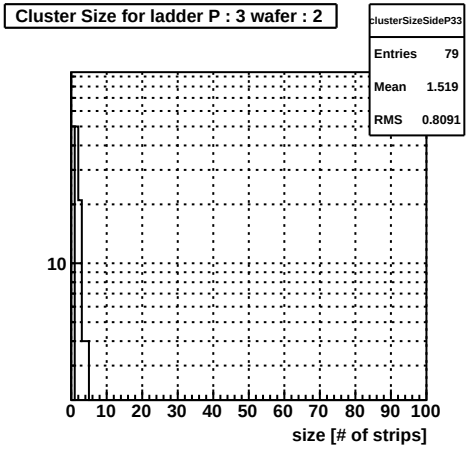

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 240
Mean 1.258
RMS 0.6191
size [# of strips]

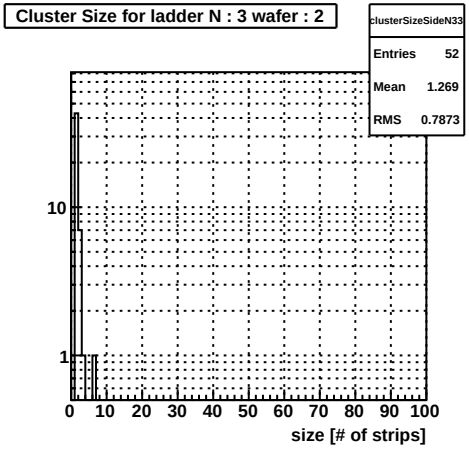

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 52
Mean 1.442
RMS 1.008
size [# of strips]

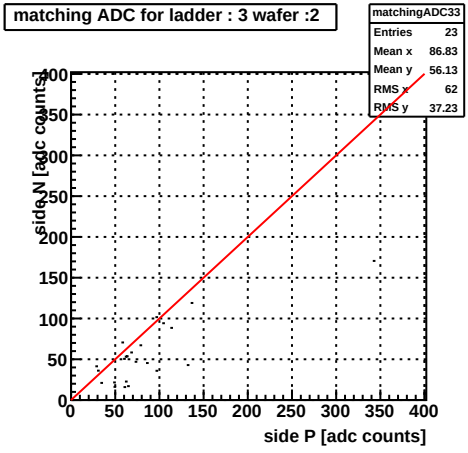

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 33
Mean x 95.41
Mean y 66.66
RMS x 67.73
RMS y 33.46
side N [adc counts]
side P [adc counts]

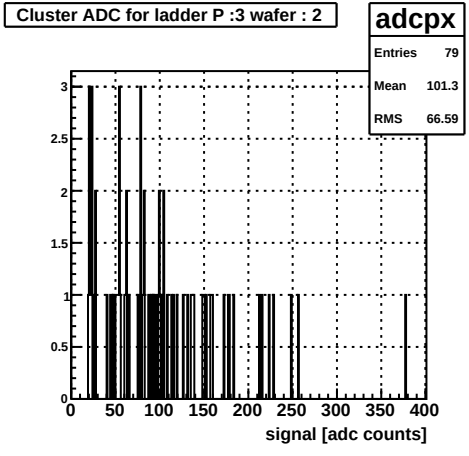

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 240
Mean 52.05
RMS 54.13
signal [adc counts]

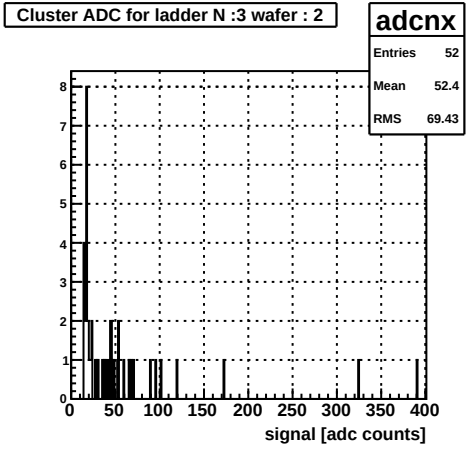

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 52
Mean 63.19
RMS 57.52
signal [adc counts]

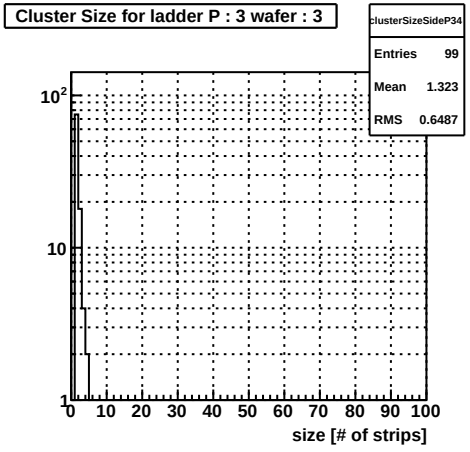

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 79
Mean 1.519
RMS 0.8091
size [# of strips]

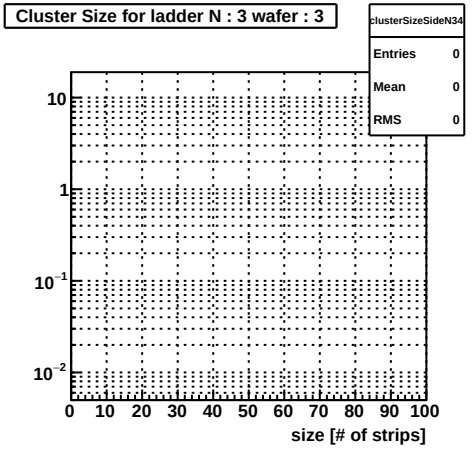

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 52
Mean 1.269
RMS 0.7873
size [# of strips]

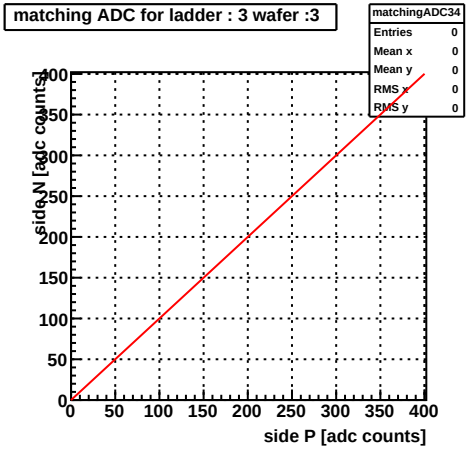

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 23
Mean x 86.83
Mean y 56.13
RMS x 62
RMS y 37.23
side N [adc counts]
side P [adc counts]

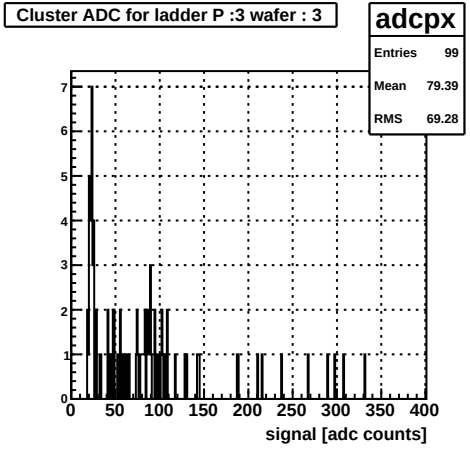

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 79
Mean 101.3
RMS 66.59
signal [adc counts]

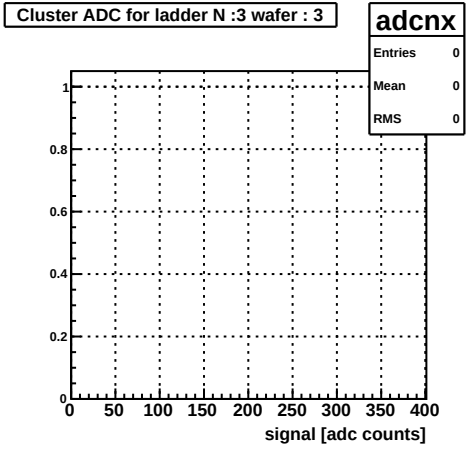

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 52
Mean 52.4
RMS 69.43
signal [adc counts]

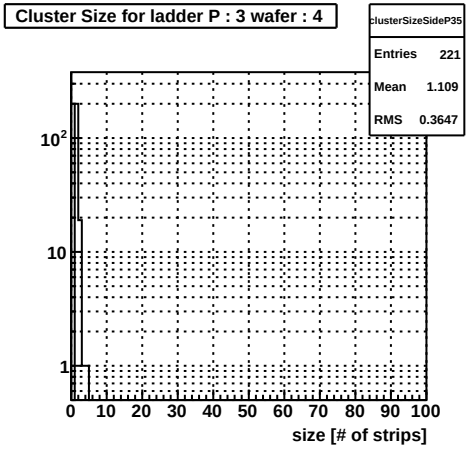

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 99
Mean 1.323
RMS 0.6487
size [# of strips]

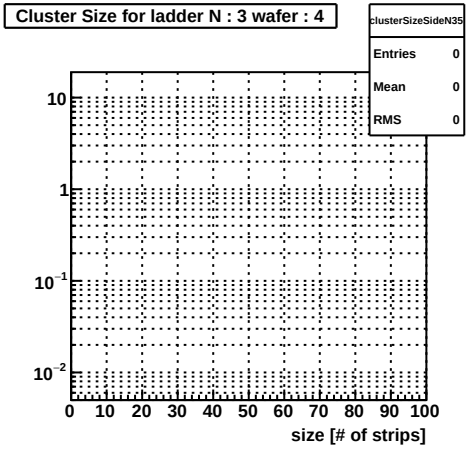

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

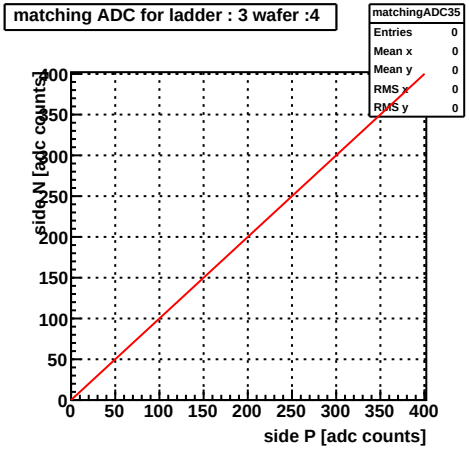

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

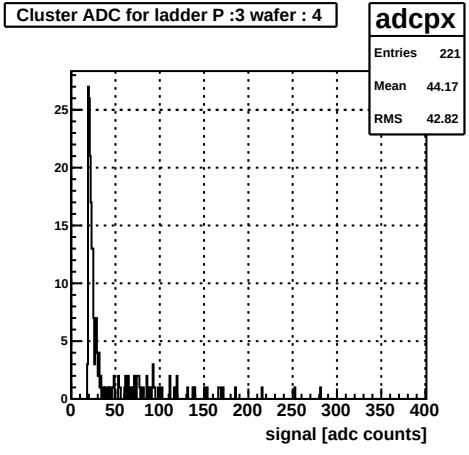

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 99
Mean 79.39
RMS 69.28
signal [adc counts]

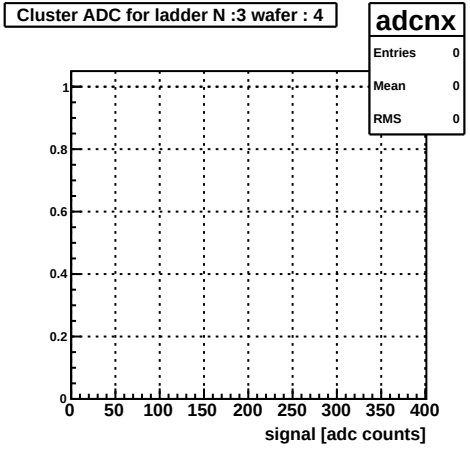

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

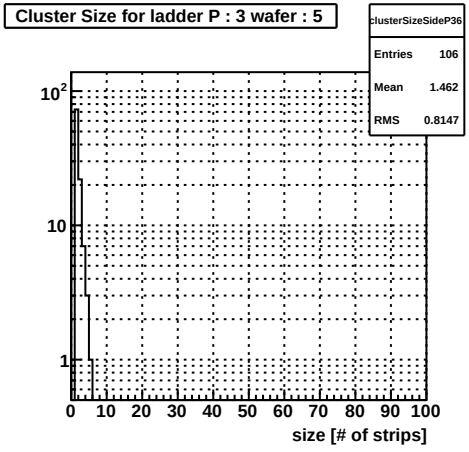

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 221
Mean 1.109
RMS 0.3647
size [# of strips]

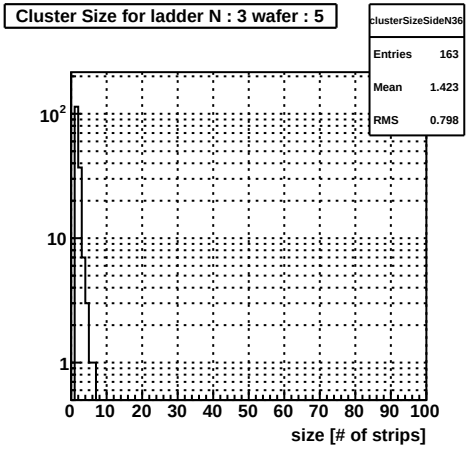

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

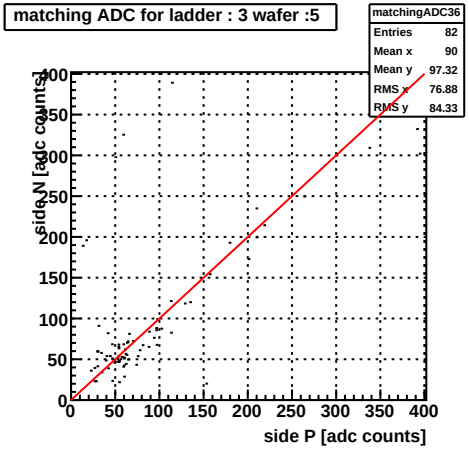

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

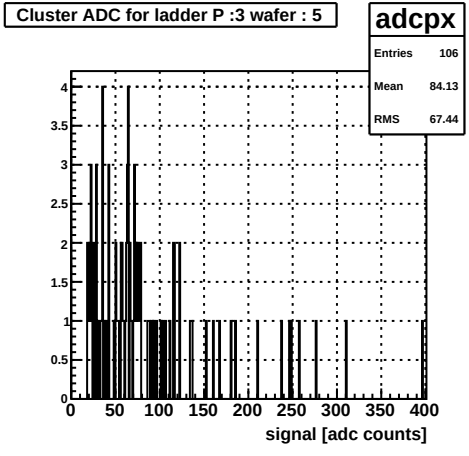

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 221
Mean 44.17
RMS 42.82
signal [adc counts]

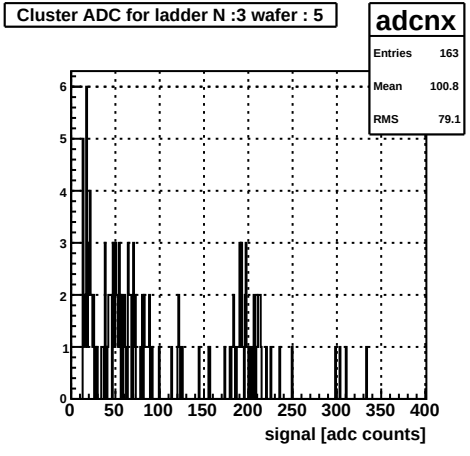

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

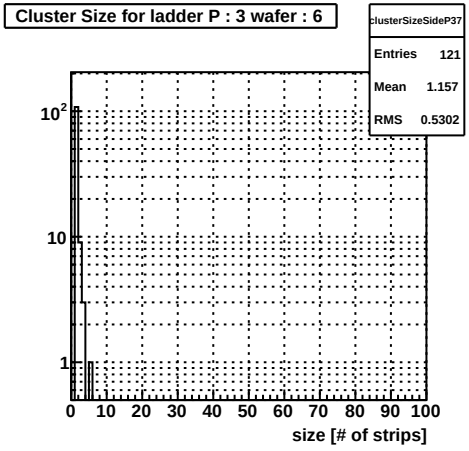

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 106
Mean 1.462
RMS 0.8147
size [# of strips]

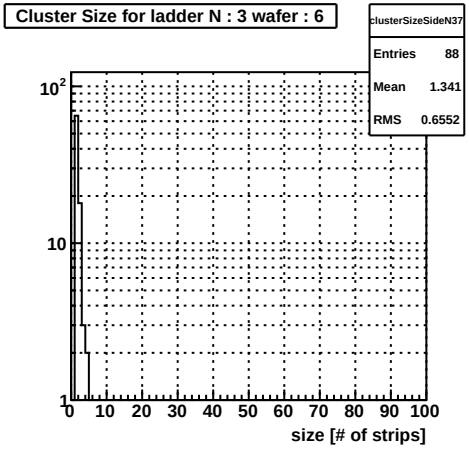

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 163
Mean 1.423
RMS 0.798
size [# of strips]

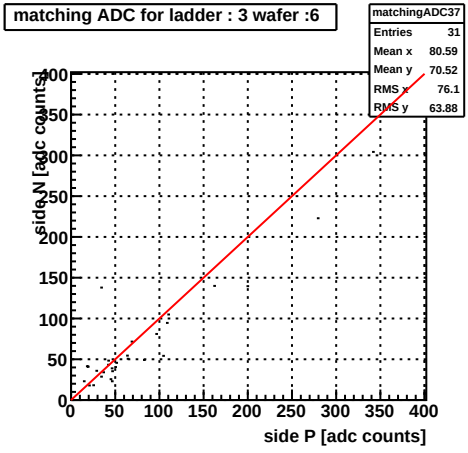

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 82
Mean x 90
Mean y 97.32
RMS x 76.88
RMS y 84.33
side N [adc counts]
side P [adc counts]

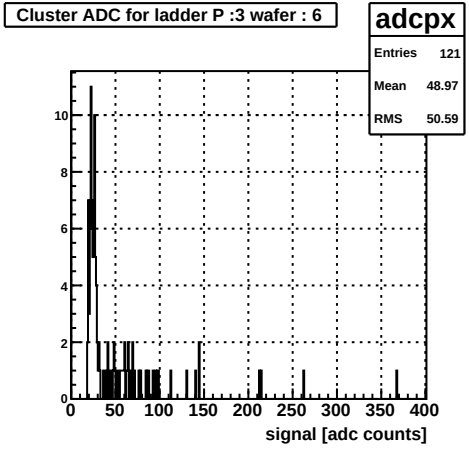

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 106
Mean 84.13
RMS 67.44
signal [adc counts]

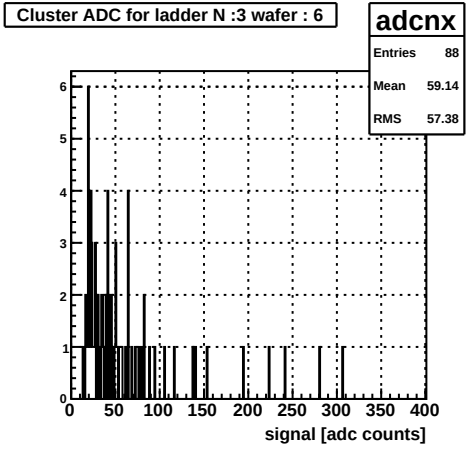

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 163
Mean 100.8
RMS 79.1
signal [adc counts]

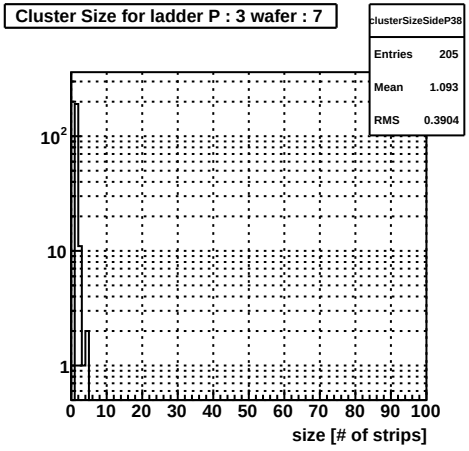

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 121
Mean 1.157
RMS 0.5302
size [# of strips]

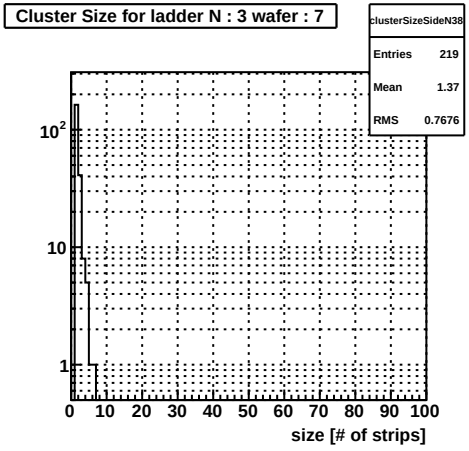

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 88
Mean 1.341
RMS 0.6552
size [# of strips]

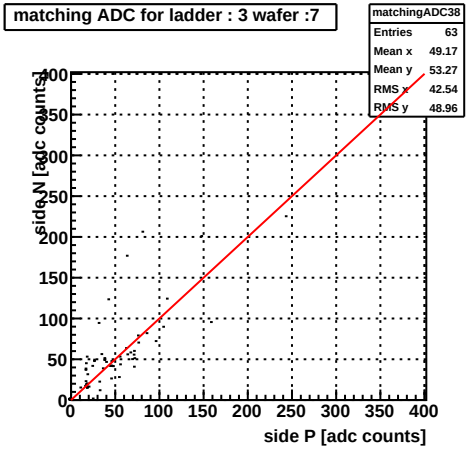

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 31
Mean x 80.59
Mean y 70.52
RMS x 76.1
RMS y 63.88
side N [adc counts]
side P [adc counts]

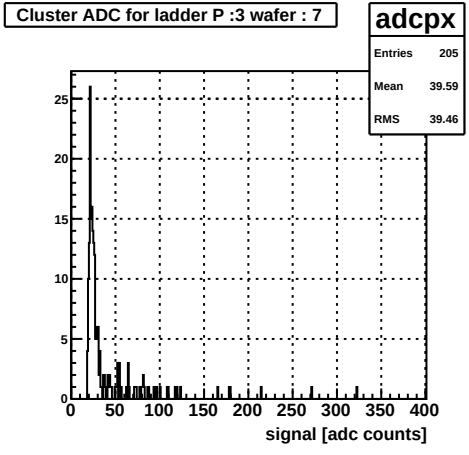

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 121
Mean 48.97
RMS 50.59
signal [adc counts]

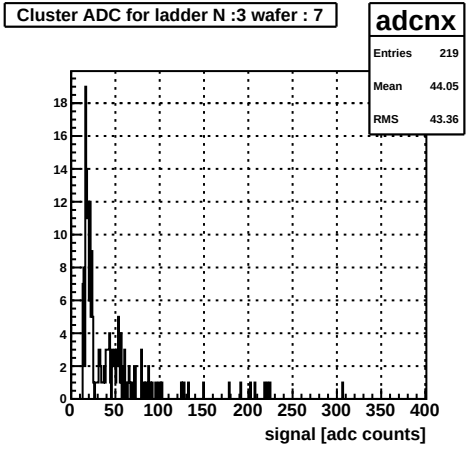

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 88
Mean 59.14
RMS 57.38
signal [adc counts]

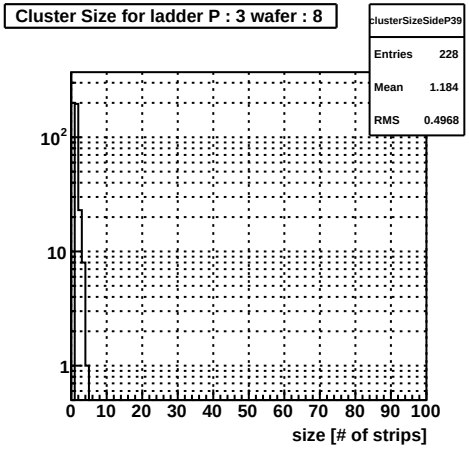

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 205
Mean 1.093
RMS 0.3904
size [# of strips]

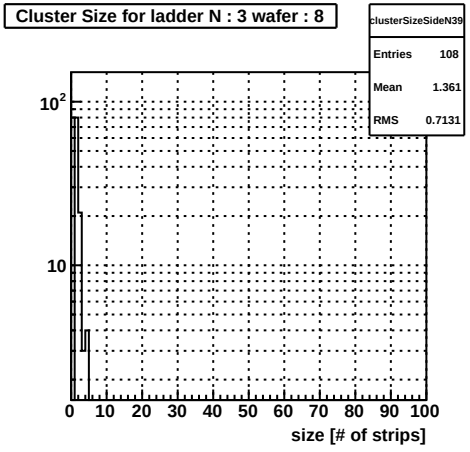

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 219
Mean 1.37
RMS 0.7676
size [# of strips]

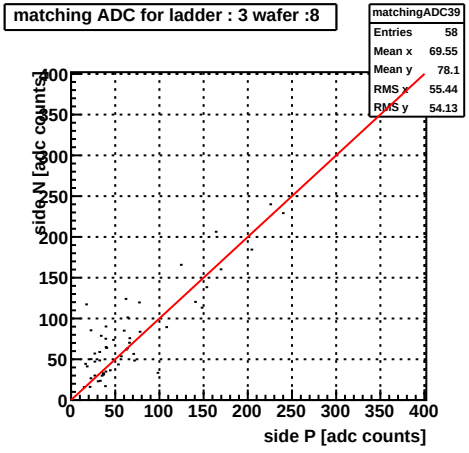

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 63
Mean x 49.17
Mean y 53.27
RMS x 42.54
RMS y 48.96
side N [adc counts]
side P [adc counts]

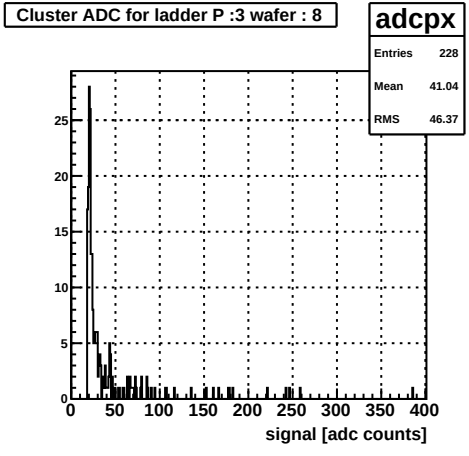

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 205
Mean 39.59
RMS 39.46
signal [adc counts]

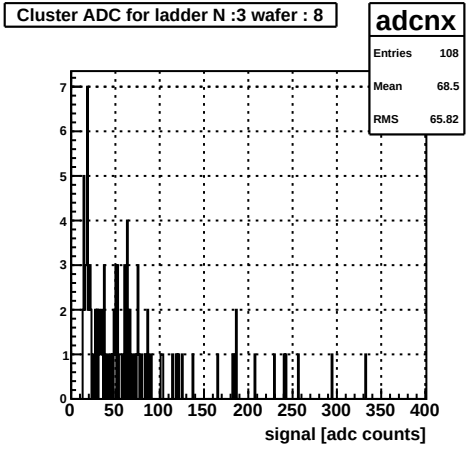

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 219
Mean 44.05
RMS 43.36
signal [adc counts]

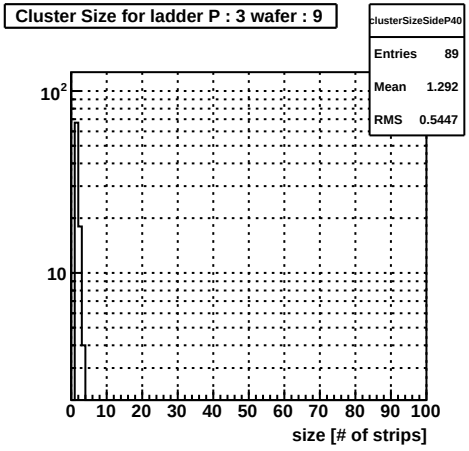

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 228
Mean 1.184
RMS 0.4968
size [# of strips]

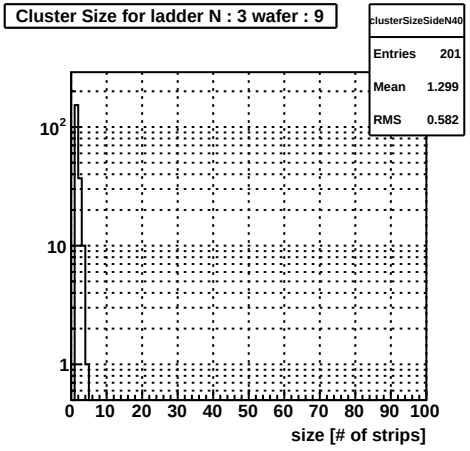

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 108
Mean 1.361
RMS 0.7131
size [# of strips]

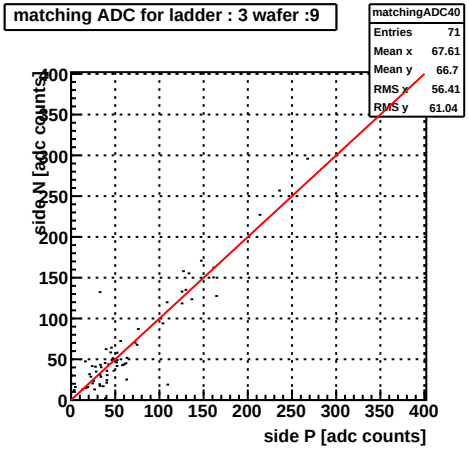

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 58
Mean x 69.55
Mean y 78.1
RMS x 55.44
RMS y 54.13
side N [adc counts]
side P [adc counts]

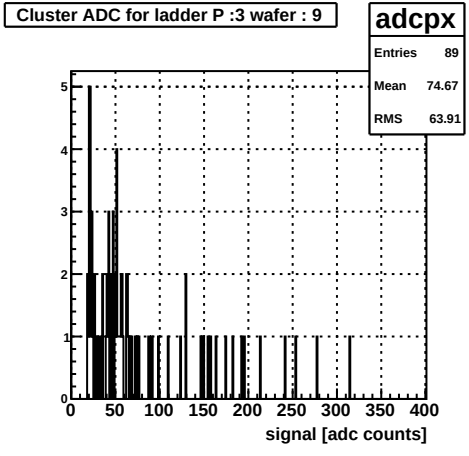

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 228
Mean 41.04
RMS 46.37
signal [adc counts]

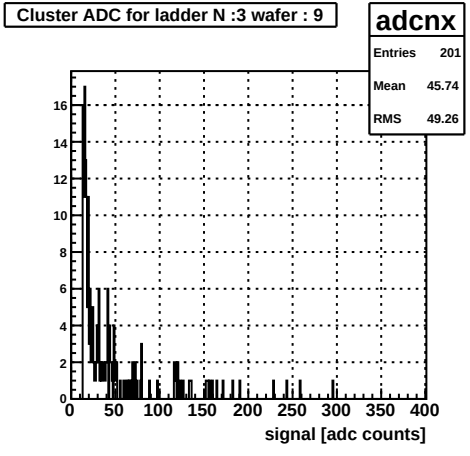

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 108
Mean 68.5
RMS 65.82
signal [adc counts]

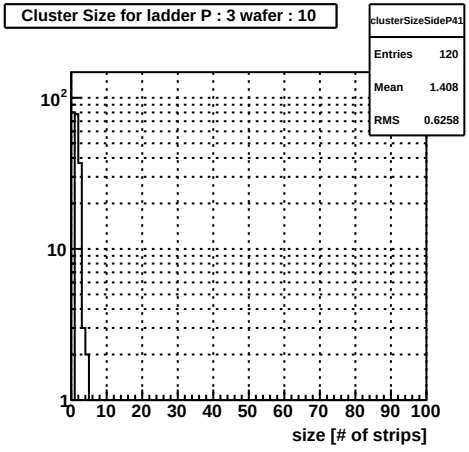

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 89
Mean 1.292
RMS 0.5447
size [# of strips]

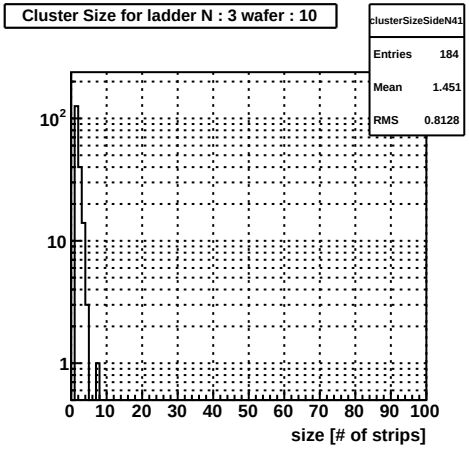

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 201
Mean 1.299
RMS 0.582
size [# of strips]

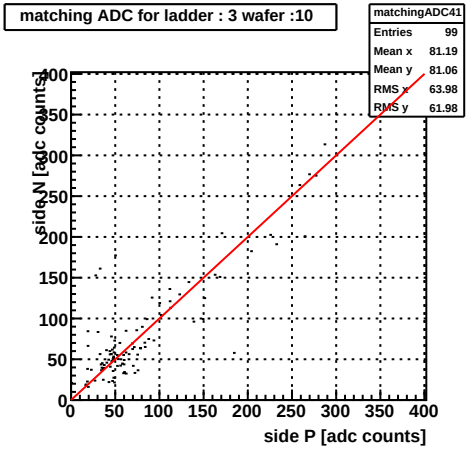

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 71
Mean x 67.61
Mean y 66.7
RMS x 56.41
RMS y 61.04
side N [adc counts]
side P [adc counts]

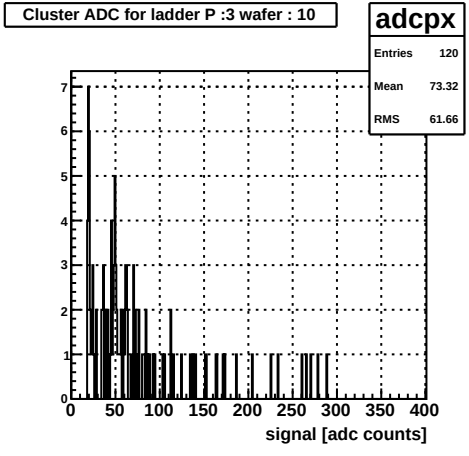

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 89
Mean 74.67
RMS 63.91
signal [adc counts]

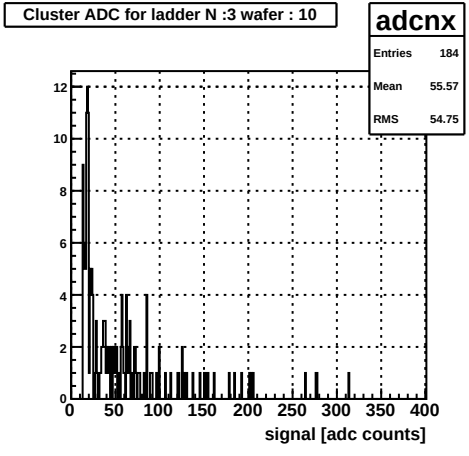

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 201
Mean 45.74
RMS 49.26
signal [adc counts]

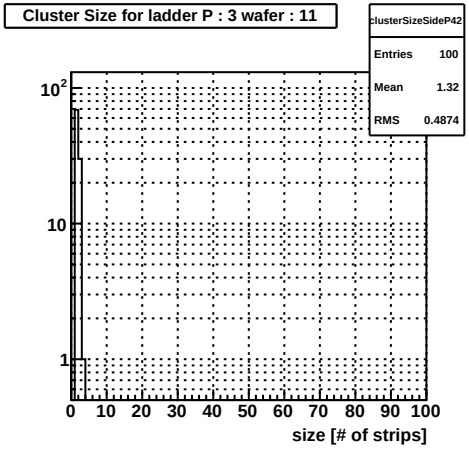

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 120
Mean 1.408
RMS 0.6258
size [# of strips]

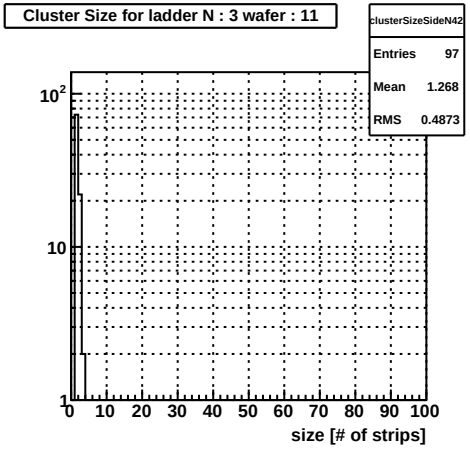

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 184
Mean 1.451
RMS 0.8128
size [# of strips]

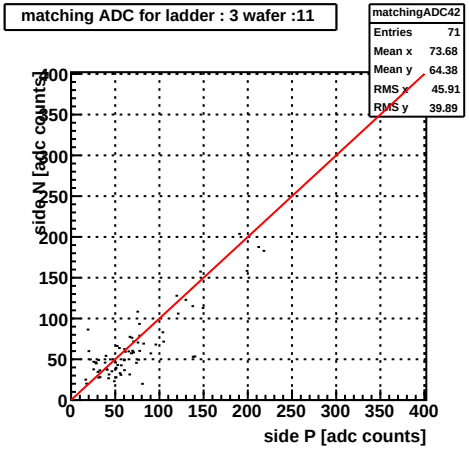

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 99
Mean x 81.19
Mean y 81.06
RMS x 63.98
RMS y 61.98
side N [adc counts]
side P [adc counts]

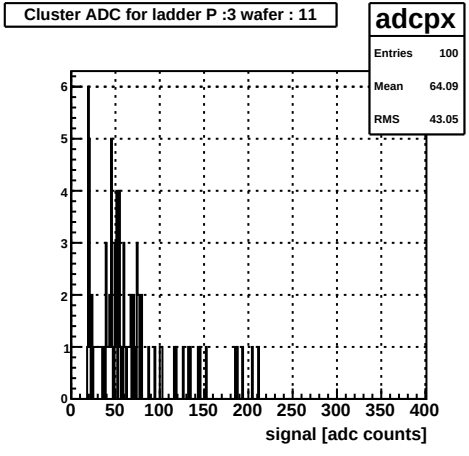

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 120
Mean 73.32
RMS 61.66
signal [adc counts]

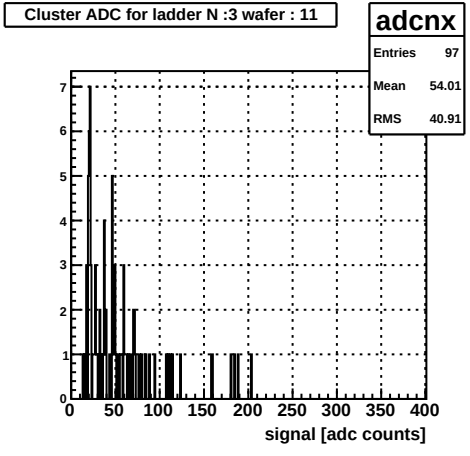

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 184
Mean 55.57
RMS 54.75
signal [adc counts]

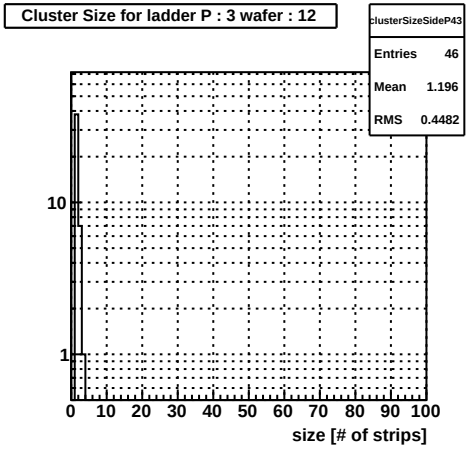

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 100
Mean 1.32
RMS 0.4874
size [# of strips]

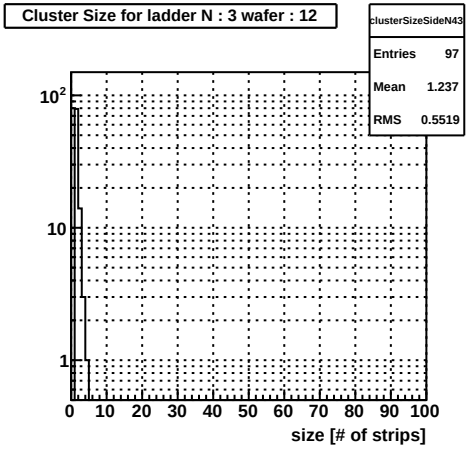

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 97
Mean 1.268
RMS 0.4873
size [# of strips]

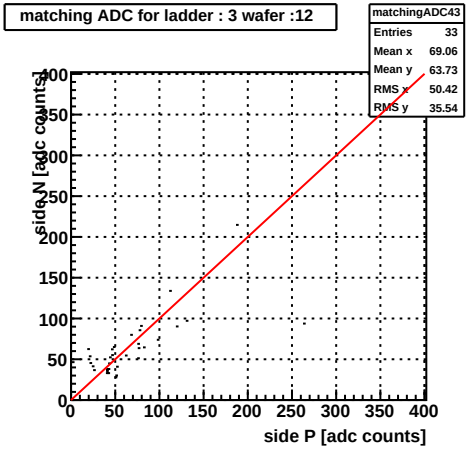

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 71
Mean x 73.68
Mean y 64.38
RMS x 45.91
RMS y 39.89
side N [adc counts]
side P [adc counts]

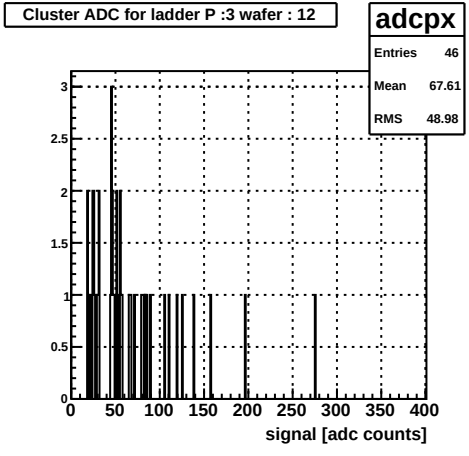

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 100
Mean 64.09
RMS 43.05
signal [adc counts]

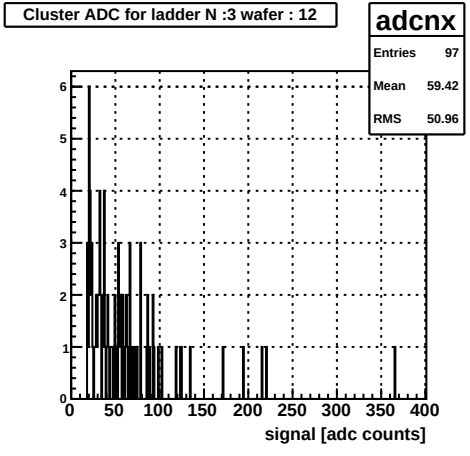

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 97
Mean 54.01
RMS 40.91
signal [adc counts]

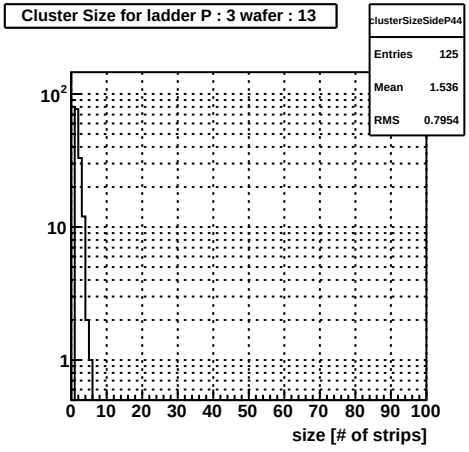

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 46
Mean 1.196
RMS 0.4482
size [# of strips]

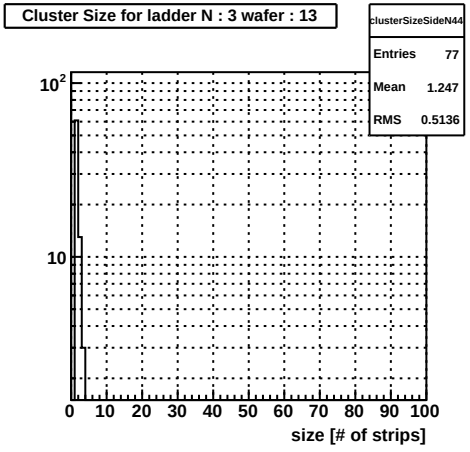

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 97
Mean 1.237
RMS 0.5519
size [# of strips]

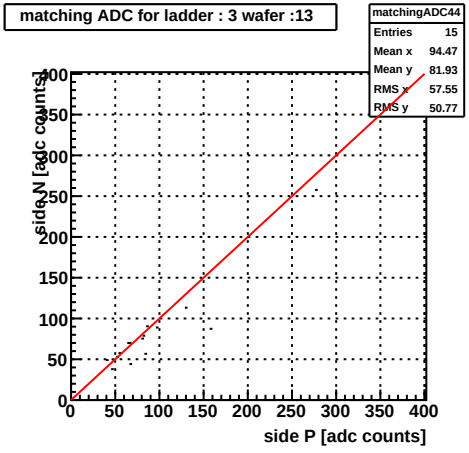

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 33
Mean x 69.06
Mean y 63.73
RMS x 50.42
RMS y 35.54
side N [adc counts]
side P [adc counts]

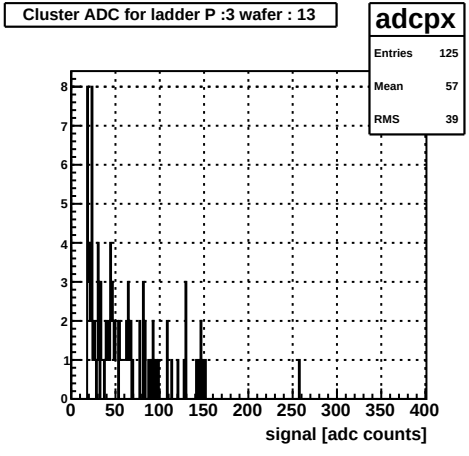

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 46
Mean 67.61
RMS 48.98
signal [adc counts]

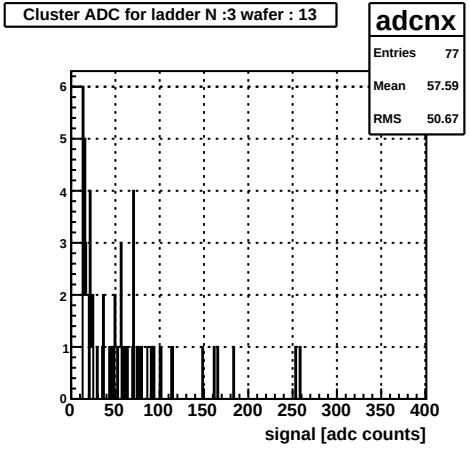

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 97
Mean 59.42
RMS 50.96
signal [adc counts]

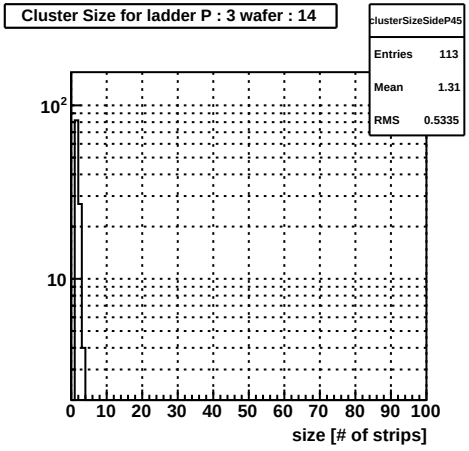

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 125
Mean 1.536
RMS 0.7954
size [# of strips]

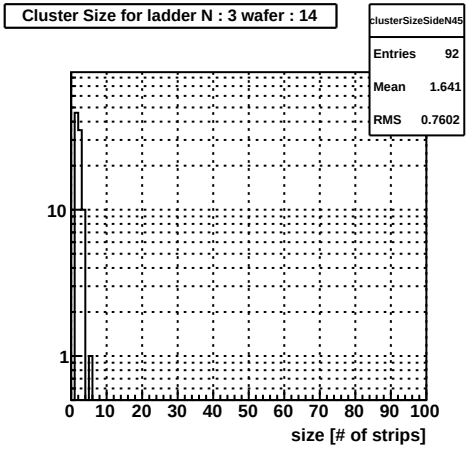

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 77
Mean 1.247
RMS 0.5136
size [# of strips]

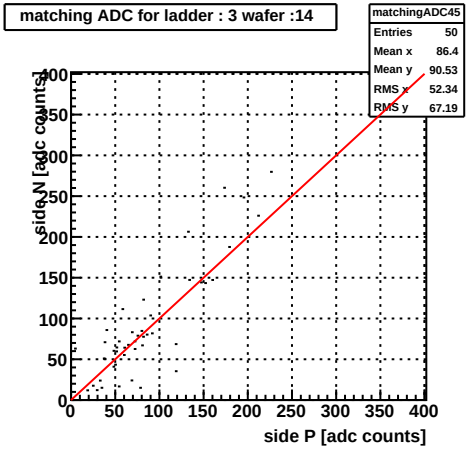

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 15
Mean x 94.47
Mean y 81.93
RMS x 57.55
RMS y 50.77
side N [adc counts]
side P [adc counts]

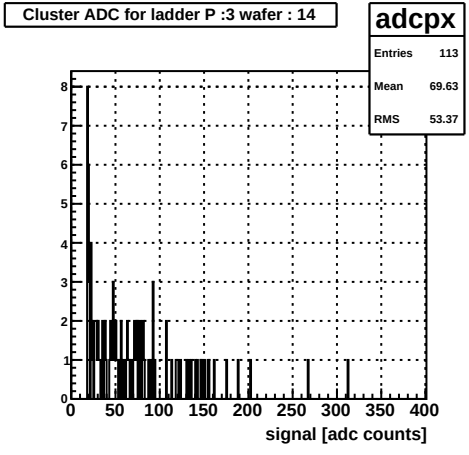

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 125
Mean 57
RMS 39
signal [adc counts]

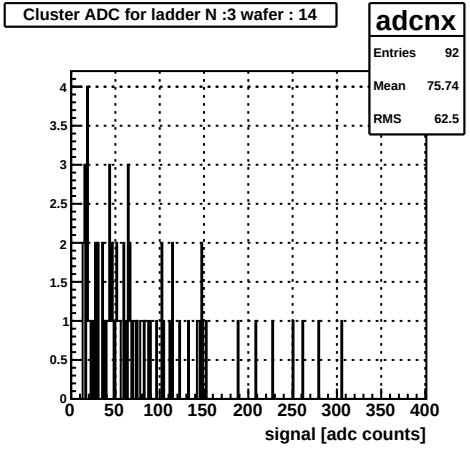

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 77
Mean 57.59
RMS 50.67
signal [adc counts]

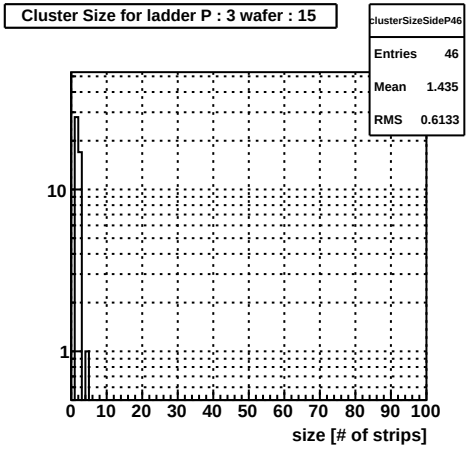

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 113
Mean 1.31
RMS 0.5335
size [# of strips]

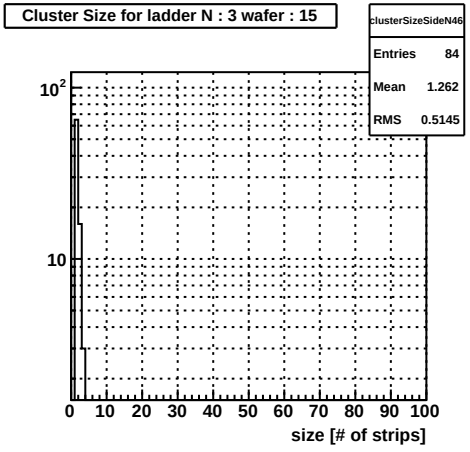

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 92
Mean 1.641
RMS 0.7602
size [# of strips]

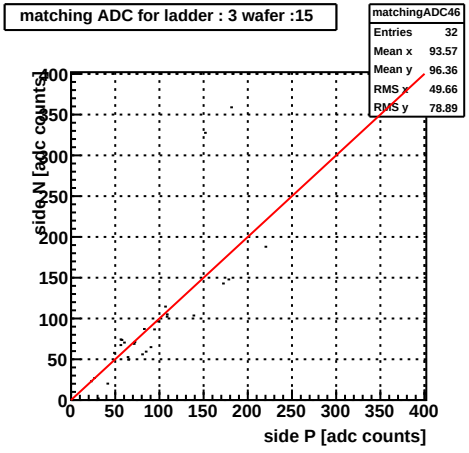

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 50
Mean x 86.4
Mean y 90.53
RMS x 52.34
RMS y 67.19
side N [adc counts]
side P [adc counts]

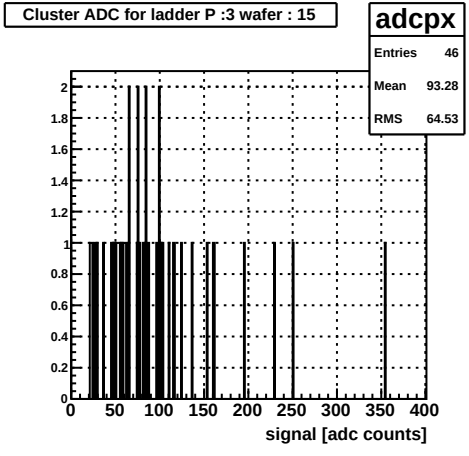

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 113
Mean 69.63
RMS 53.37
signal [adc counts]

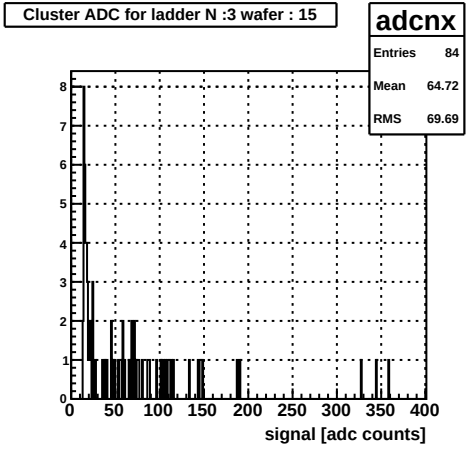

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 92
Mean 75.74
RMS 62.5
signal [adc counts]

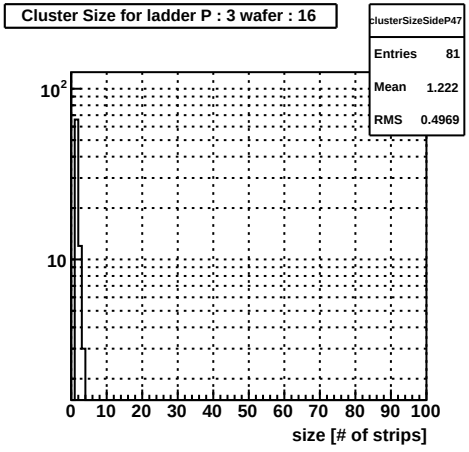

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 46
Mean 1.435
RMS 0.6133
size [# of strips]

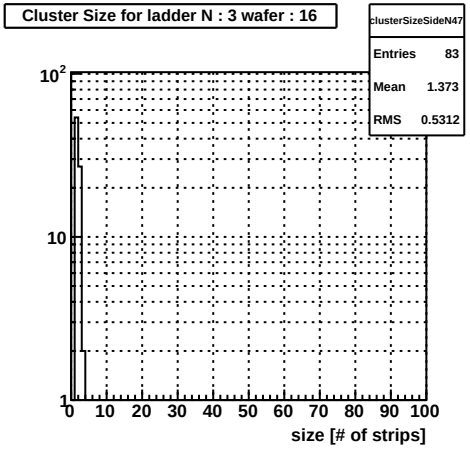

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 84
Mean 1.262
RMS 0.5145
size [# of strips]

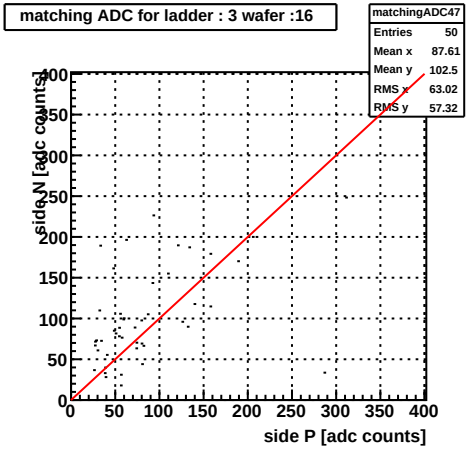

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 32
Mean x 93.57
Mean y 96.36
RMS x 49.66
RMS y 78.89
side N [adc counts]
side P [adc counts]

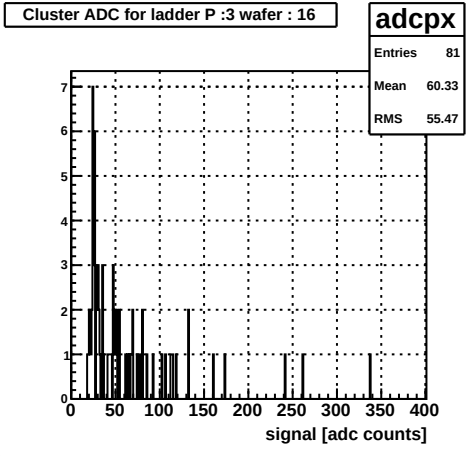

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 46
Mean 93.28
RMS 64.53
signal [adc counts]

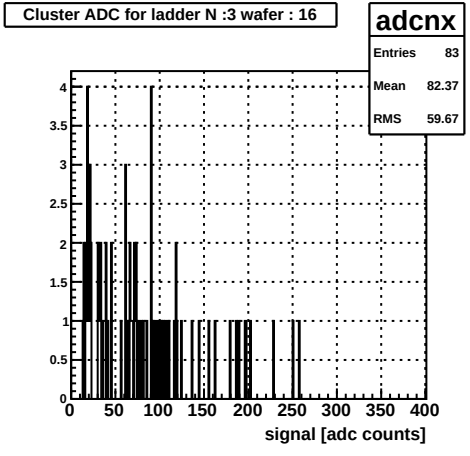

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 84
Mean 64.72
RMS 69.69
signal [adc counts]

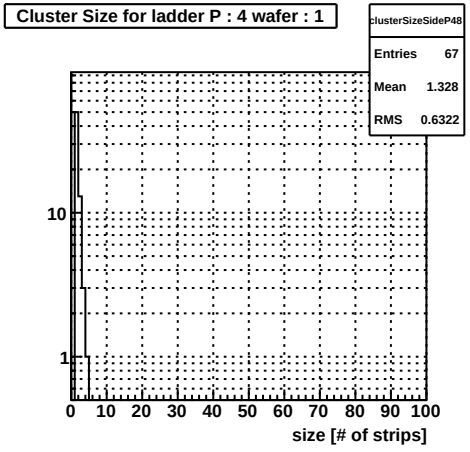

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 81
Mean 1.222
RMS 0.4969
size [# of strips]

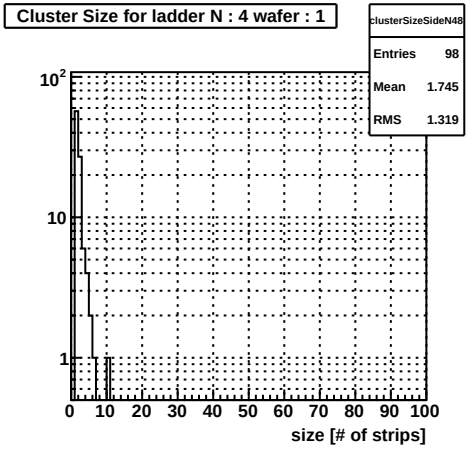

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 83
Mean 1.373
RMS 0.5312
size [# of strips]

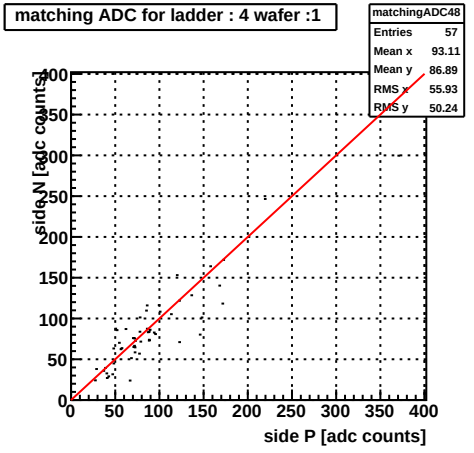

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 50
Mean x 87.61
Mean y 102.5
RMS x 63.02
RMS y 57.32
side N [adc counts]
side P [adc counts]

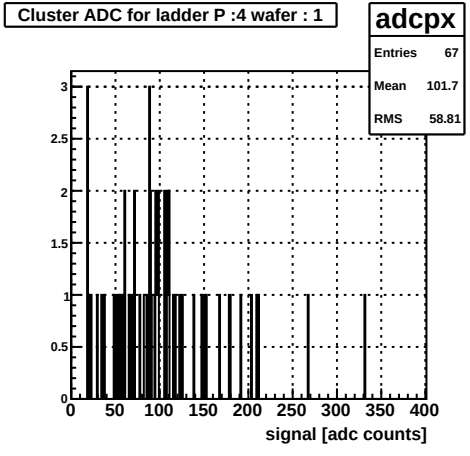

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 81
Mean 60.33
RMS 55.47
signal [adc counts]

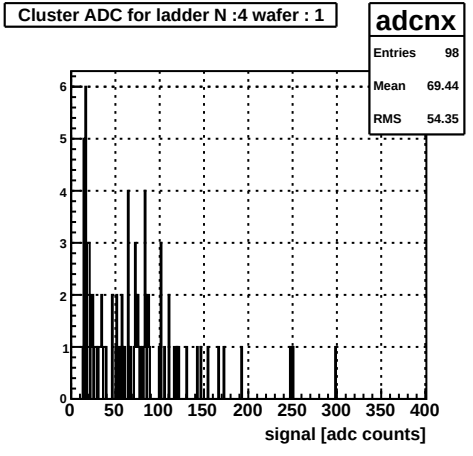

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 83
Mean 82.37
RMS 59.67
signal [adc counts]

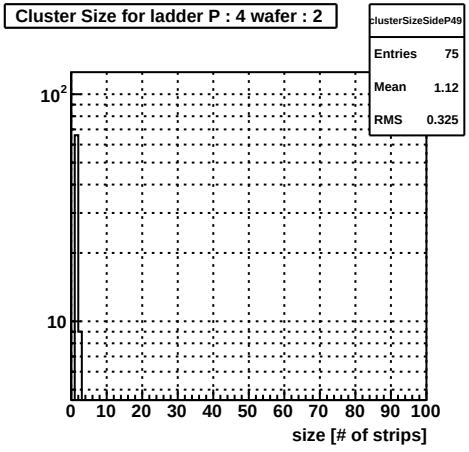

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 67
Mean 1.328
RMS 0.6322
size [# of strips]

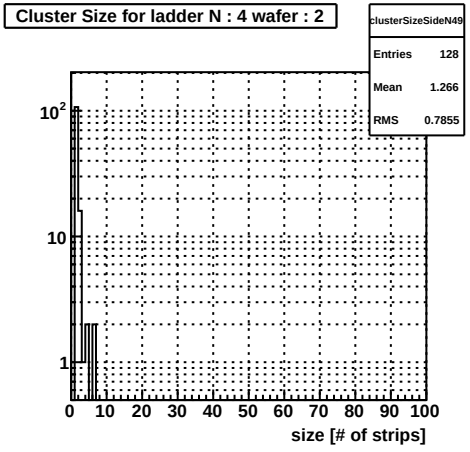

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 98
Mean 1.745
RMS 1.319
size [# of strips]

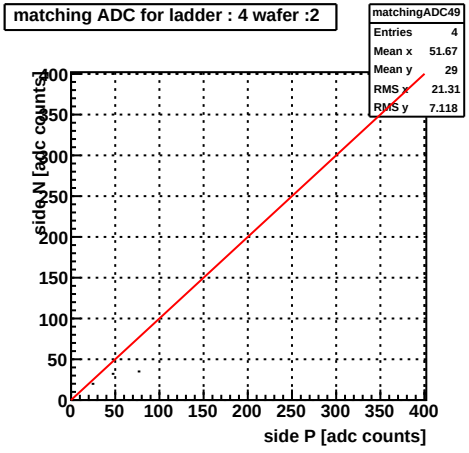

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 57
Mean x 93.11
Mean y 86.89
RMS x 55.93
RMS y 50.24
side N [adc counts]
side P [adc counts]

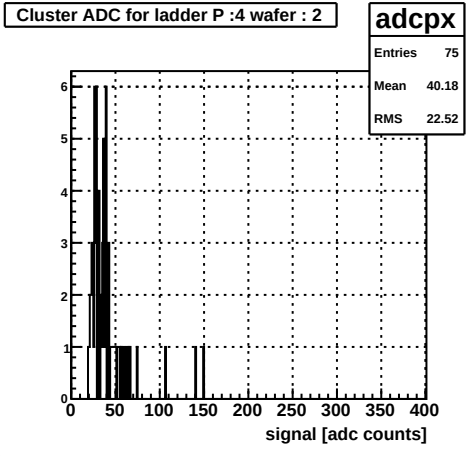

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 67
Mean 101.7
RMS 58.81
signal [adc counts]

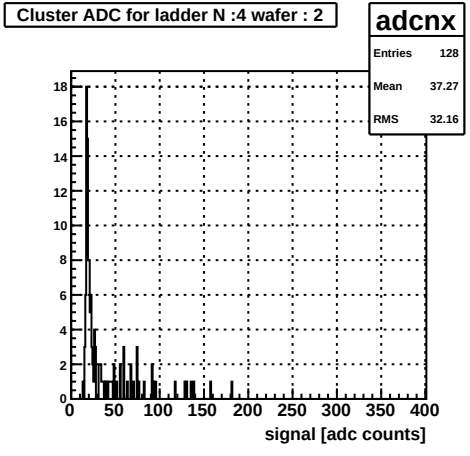

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 98
Mean 69.44
RMS 54.35
signal [adc counts]

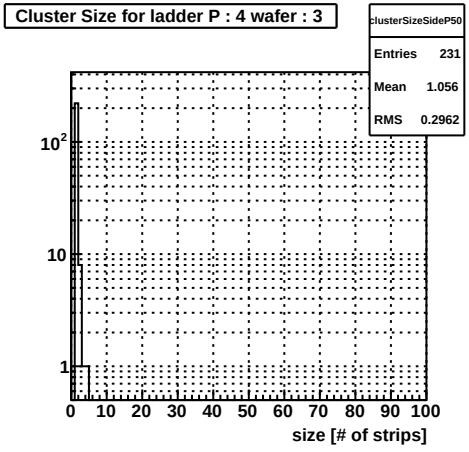

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 75
Mean 1.12
RMS 0.325
size [# of strips]

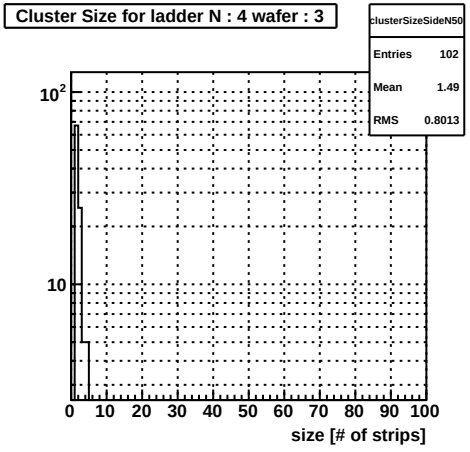

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 128
Mean 1.266
RMS 0.7855
size [# of strips]

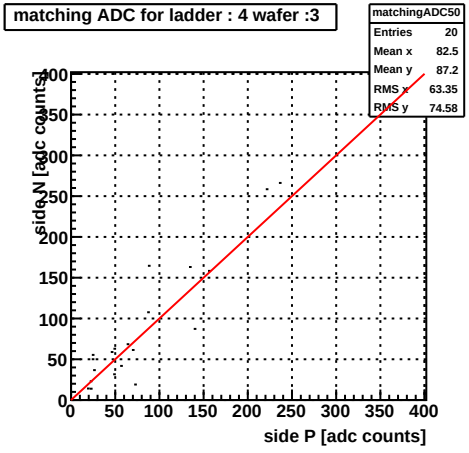

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 4
Mean x 51.67
Mean y 29
RMS x 21.31
RMS y 7.118
side N [adc counts]
side P [adc counts]

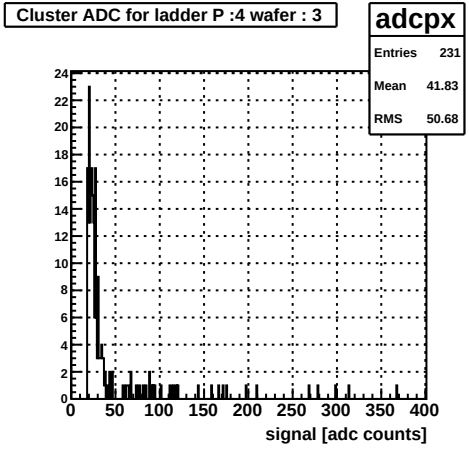

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 75
Mean 40.18
RMS 22.52
signal [adc counts]

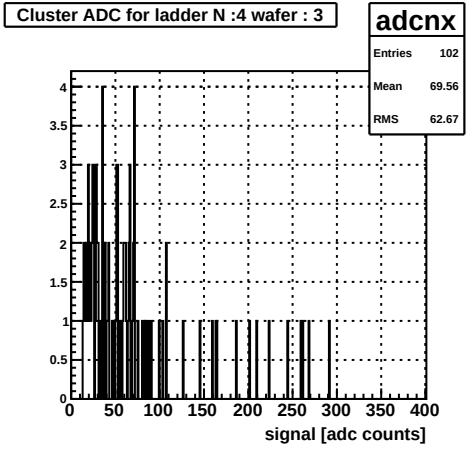

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 128
Mean 37.27
RMS 32.16
signal [adc counts]

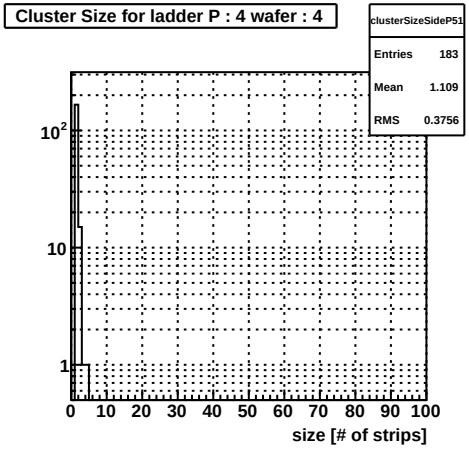

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 231
Mean 1.056
RMS 0.2962
size [# of strips]

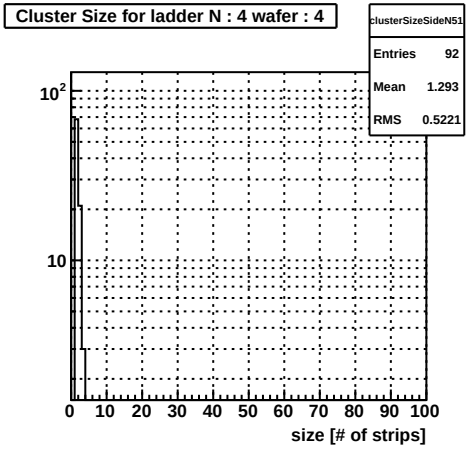

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 102
Mean 1.49
RMS 0.8013
size [# of strips]

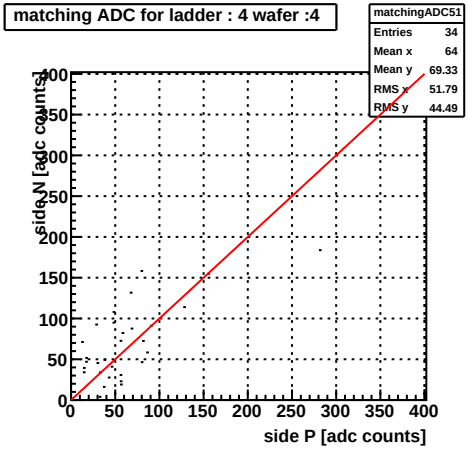

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 20
Mean x 82.5
Mean y 87.2
RMS x 63.35
RMS y 74.58
side N [adc counts]
side P [adc counts]

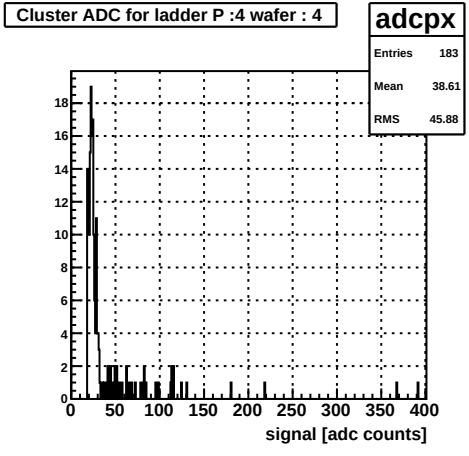

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 231
Mean 41.83
RMS 50.68
signal [adc counts]

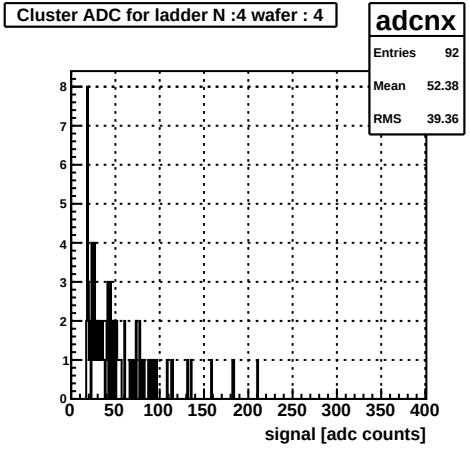

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 102
Mean 69.56
RMS 62.67
signal [adc counts]

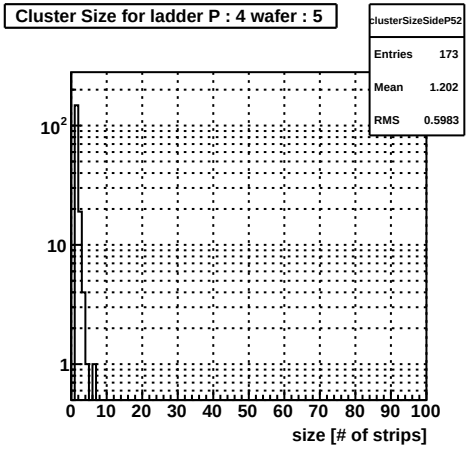

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 183
Mean 1.109
RMS 0.3756
size [# of strips]

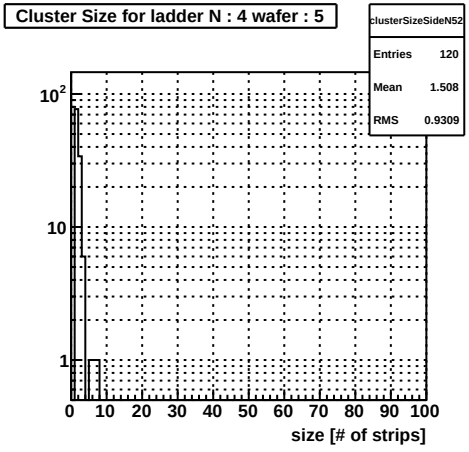

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 92
Mean 1.293
RMS 0.5221
size [# of strips]

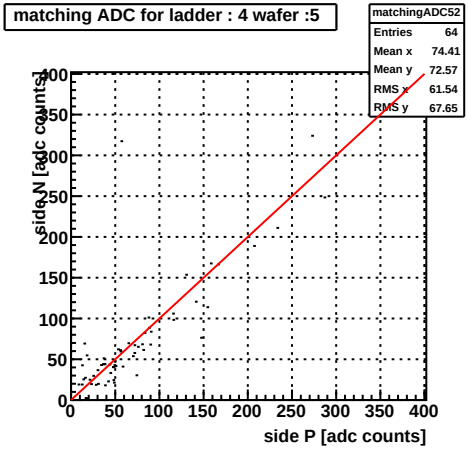

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 34
Mean x 64
Mean y 69.33
RMS x 51.79
RMS y 44.49
side N [adc counts]
side P [adc counts]

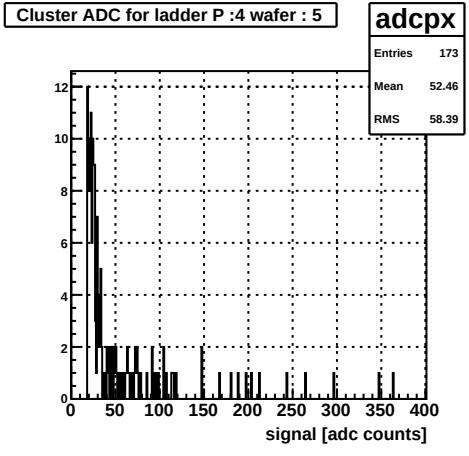

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 183
Mean 38.61
RMS 45.88
signal [adc counts]

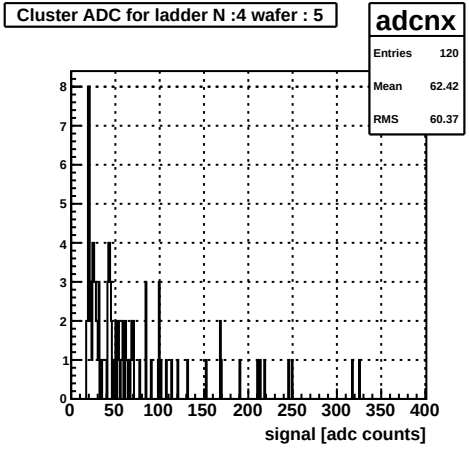

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 92
Mean 52.38
RMS 39.36
signal [adc counts]

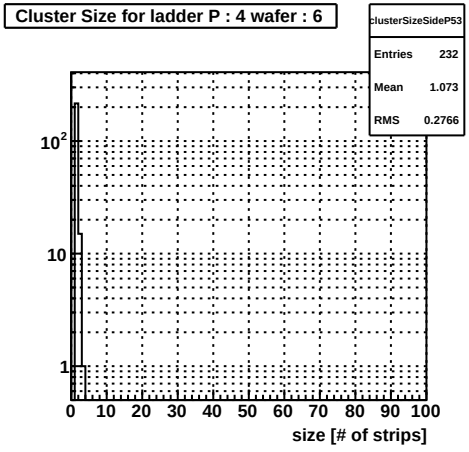

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 173
Mean 1.202
RMS 0.5983
size [# of strips]

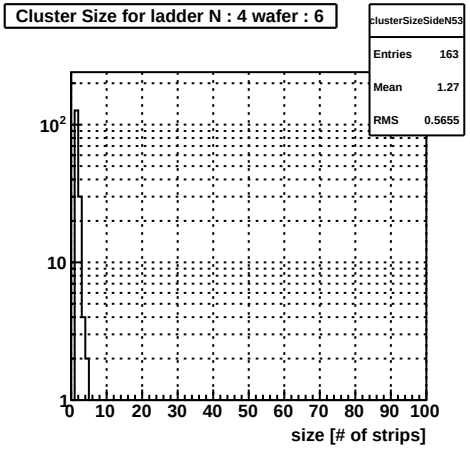

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 120
Mean 1.508
RMS 0.9309
size [# of strips]

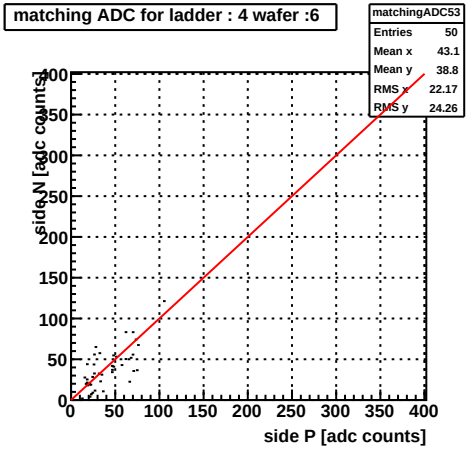

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 64
Mean x 74.41
Mean y 72.57
RMS x 61.54
RMS y 67.65
side N [adc counts]
side P [adc counts]

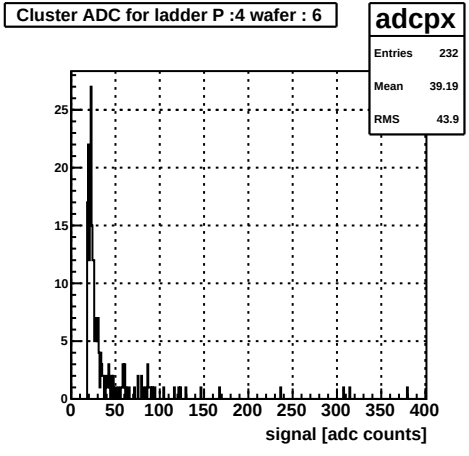

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 173
Mean 52.46
RMS 58.39
signal [adc counts]

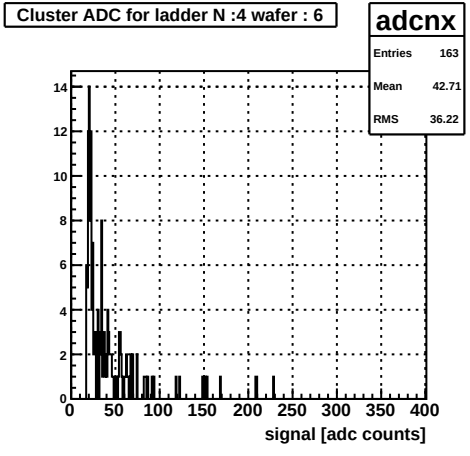

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 120
Mean 62.42
RMS 60.37
signal [adc counts]

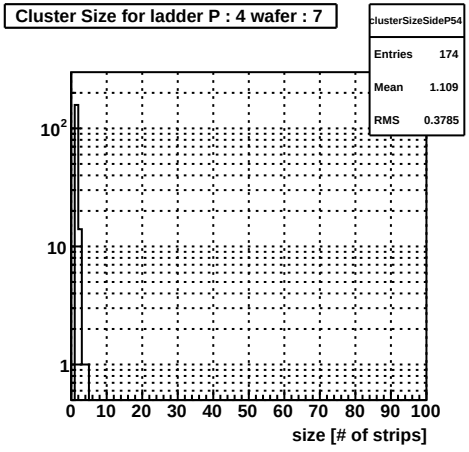

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 232
Mean 1.073
RMS 0.2766
size [# of strips]

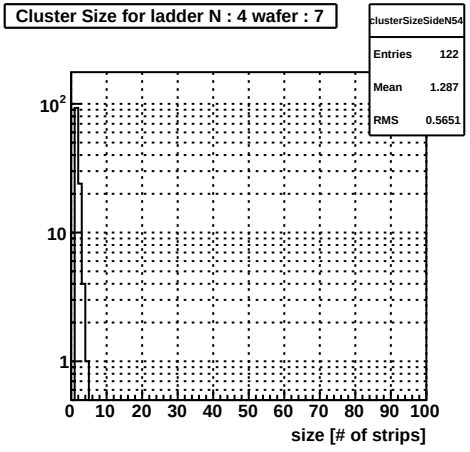

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 163
Mean 1.27
RMS 0.5655
size [# of strips]

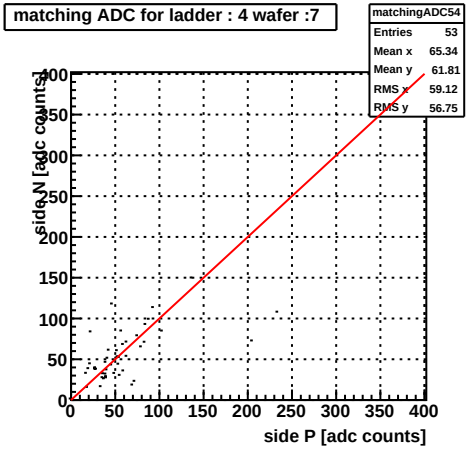

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 50
Mean x 43.1
Mean y 38.8
RMS x 22.17
RMS y 24.26
side N [adc counts]
side P [adc counts]

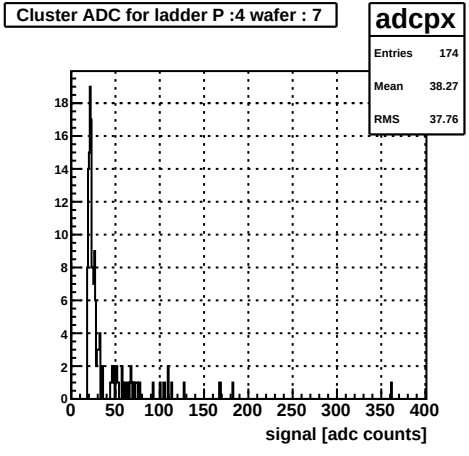

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 232
Mean 39.19
RMS 43.9
signal [adc counts]

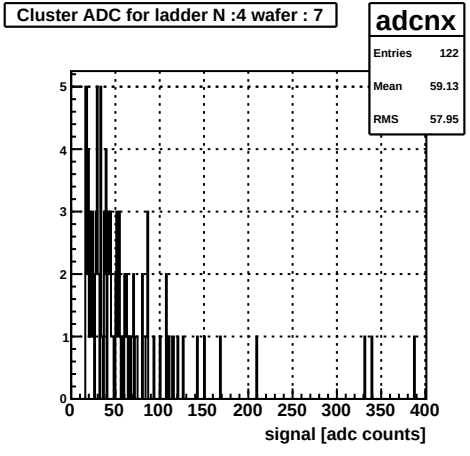

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 163
Mean 42.71
RMS 36.22
signal [adc counts]

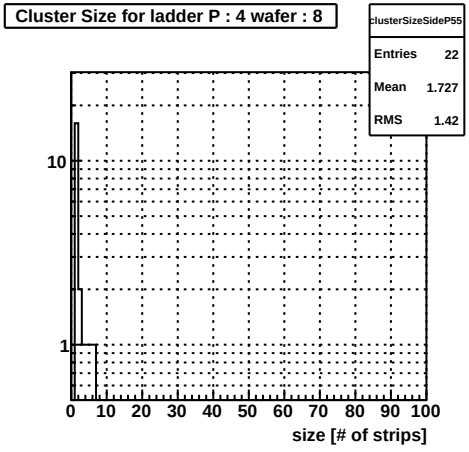

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 174
Mean 1.109
RMS 0.3785
size [# of strips]

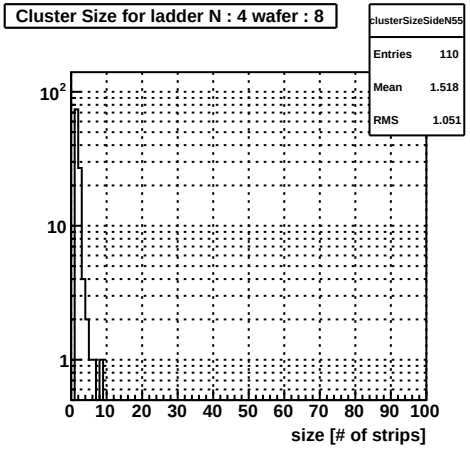

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 122
Mean 1.287
RMS 0.5651
size [# of strips]

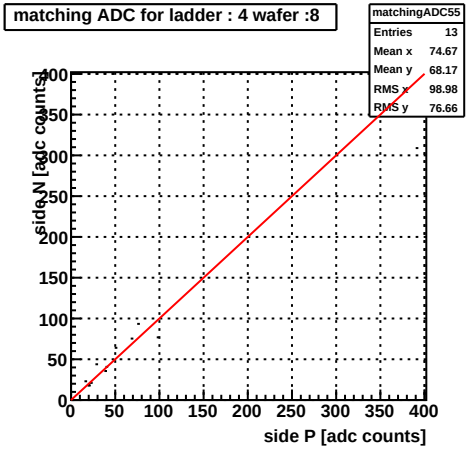

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 53
Mean x 65.34
Mean y 61.81
RMS x 59.12
RMS y 56.75
side N [adc counts]
side P [adc counts]

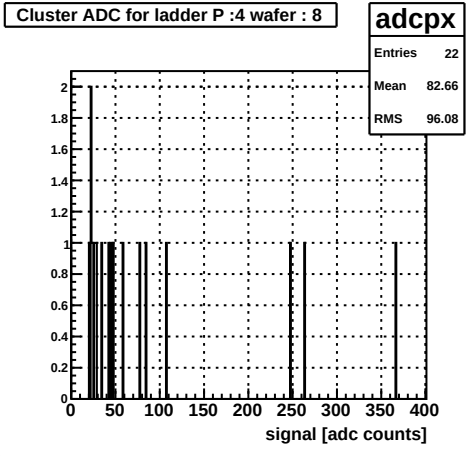

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 174
Mean 38.27
RMS 37.76
signal [adc counts]

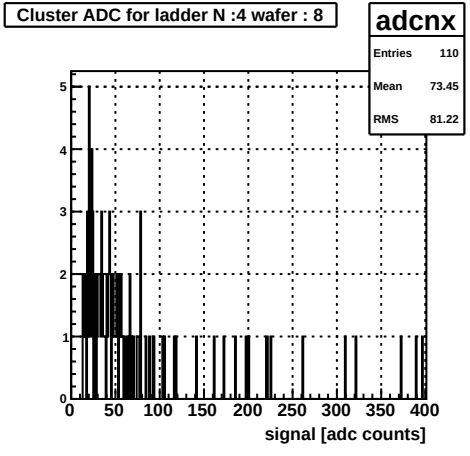

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 122
Mean 59.13
RMS 57.95
signal [adc counts]

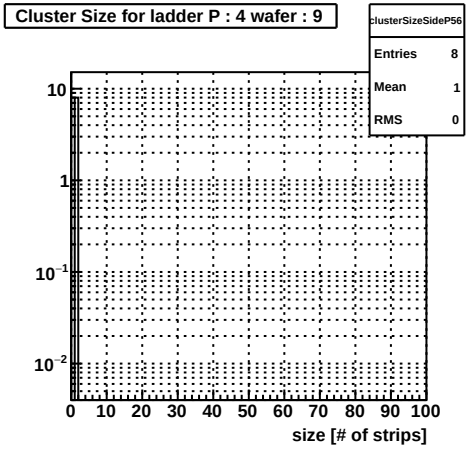

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 22
Mean 1.727
RMS 1.42
size [# of strips]

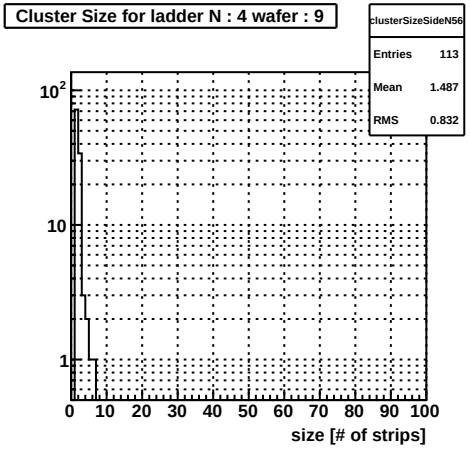

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 110
Mean 1.518
RMS 1.051
size [# of strips]

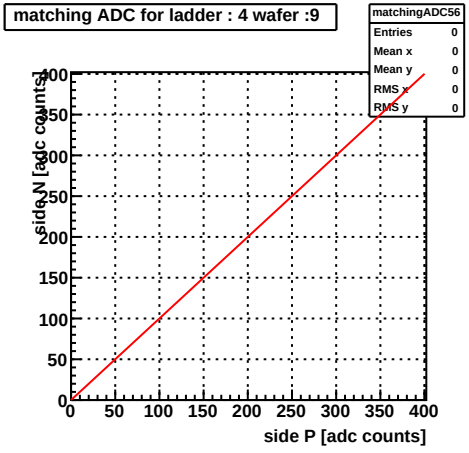

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 13
Mean x 74.67
Mean y 68.17
RMS x 98.98
RMS y 76.66
side N [adc counts]
side P [adc counts]

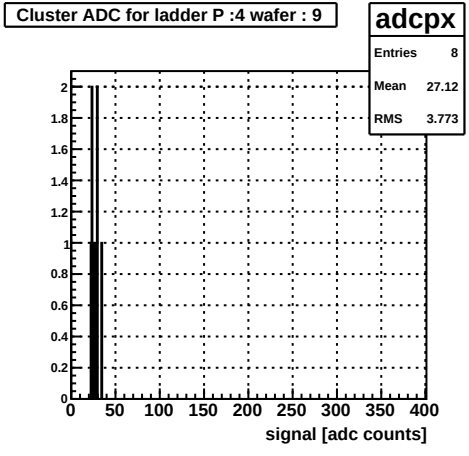

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 22
Mean 82.66
RMS 96.08
signal [adc counts]

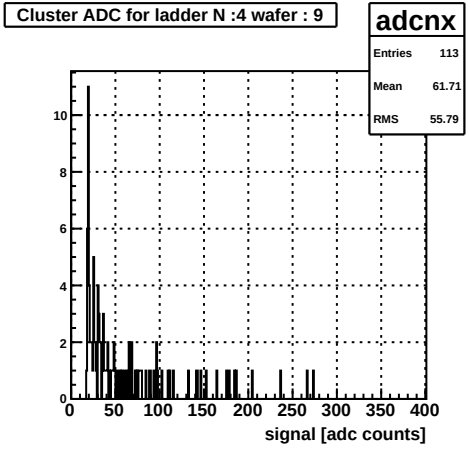

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 110
Mean 73.45
RMS 81.22
signal [adc counts]

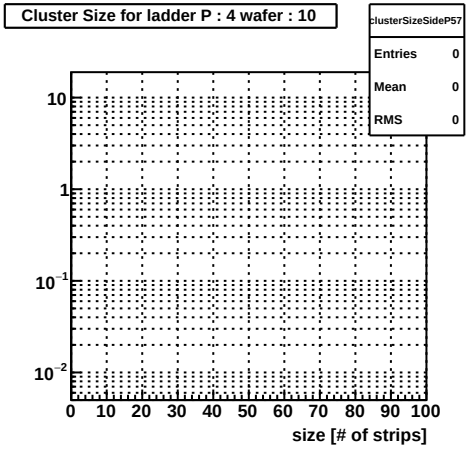

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 8
Mean 1
RMS 0
size [# of strips]

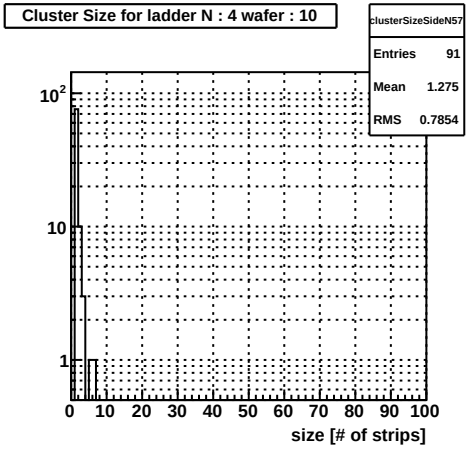

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 113
Mean 1.487
RMS 0.832
size [# of strips]

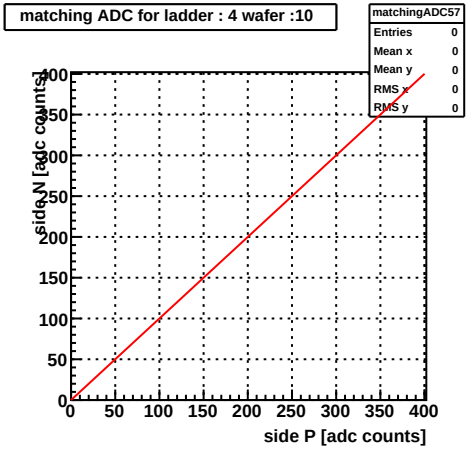

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

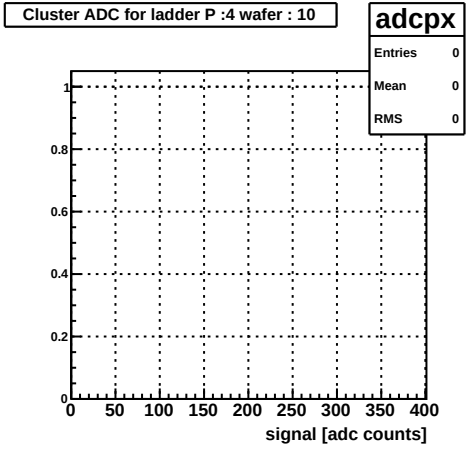

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 8
Mean 27.12
RMS 3.773
signal [adc counts]

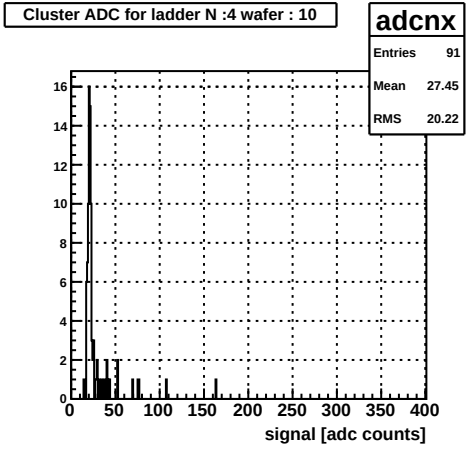

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 113
Mean 61.71
RMS 55.79
signal [adc counts]

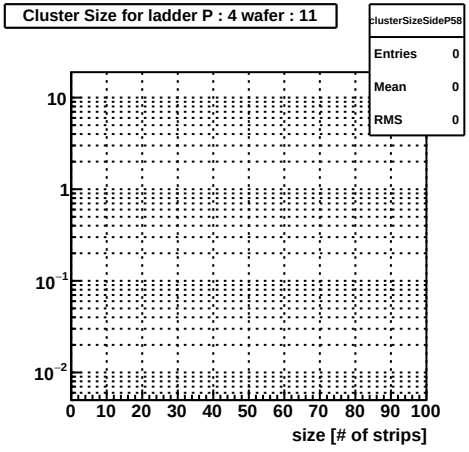

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

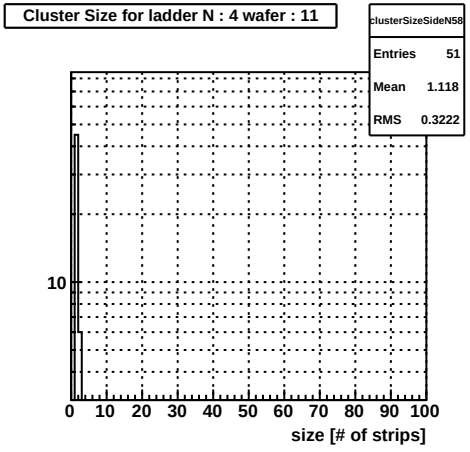

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 91
Mean 1.275
RMS 0.7854
size [# of strips]

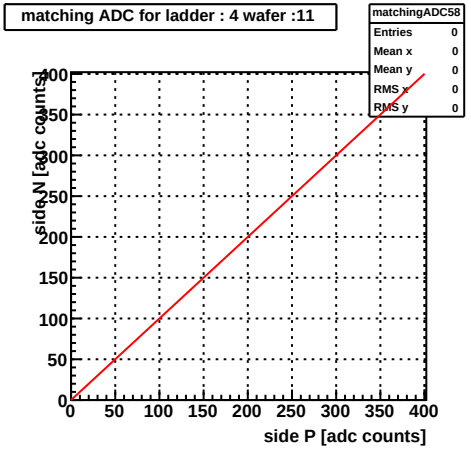

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

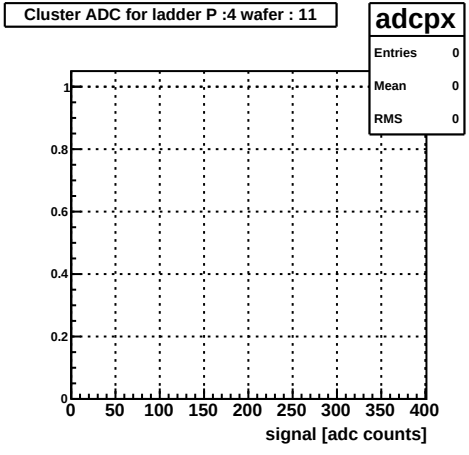

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

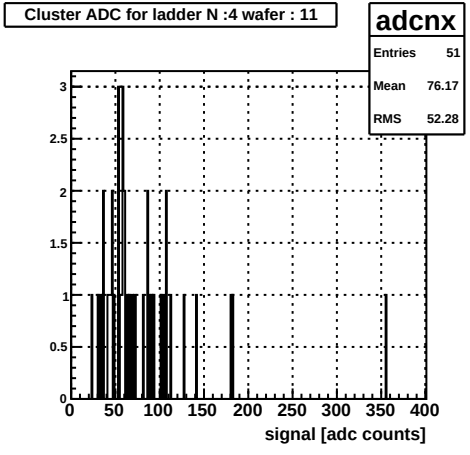

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 91
Mean 27.45
RMS 20.22
signal [adc counts]

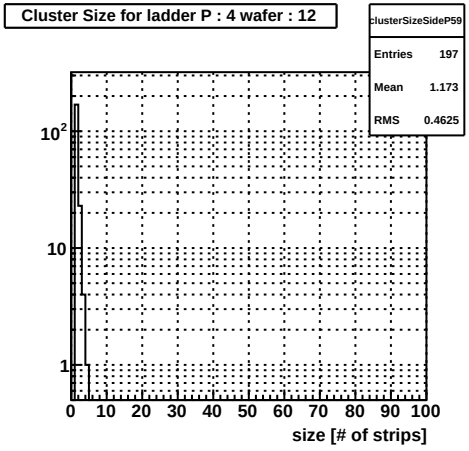

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 0
Mean 0
RMS 0
size [# of strips]

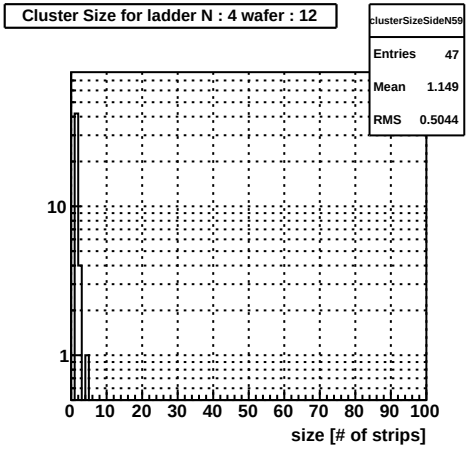

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 51
Mean 1.118
RMS 0.3222
size [# of strips]

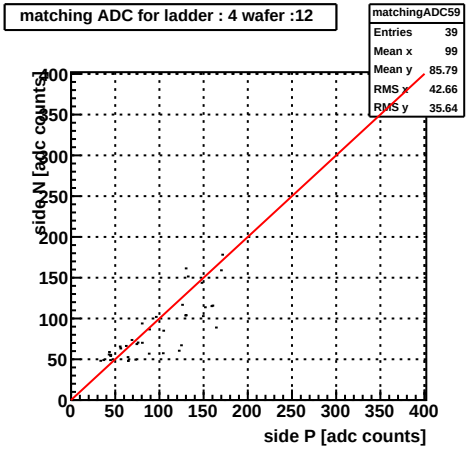

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

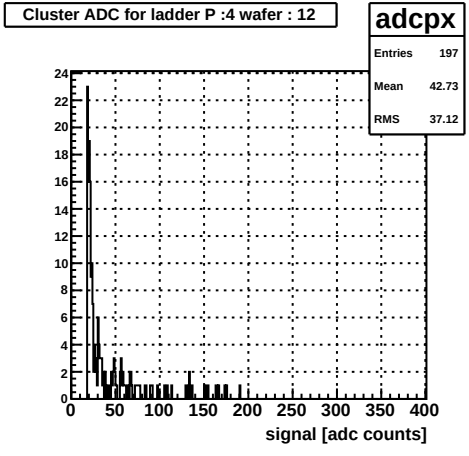

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

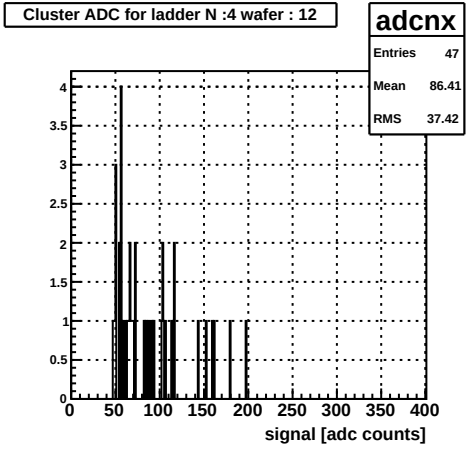

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 51
Mean 76.17
RMS 52.28
signal [adc counts]

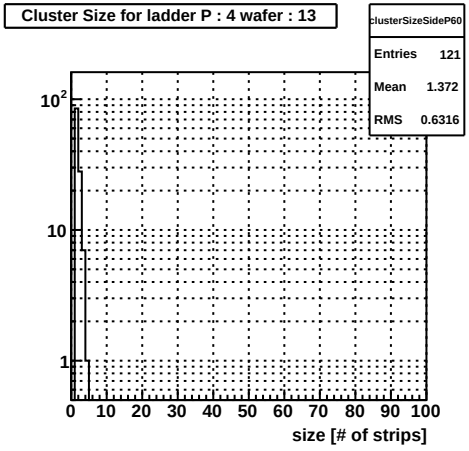

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 197
Mean 1.173
RMS 0.4625
size [# of strips]

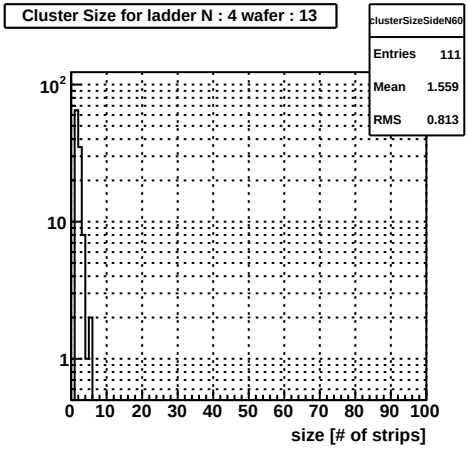

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 47
Mean 1.149
RMS 0.5044
size [# of strips]

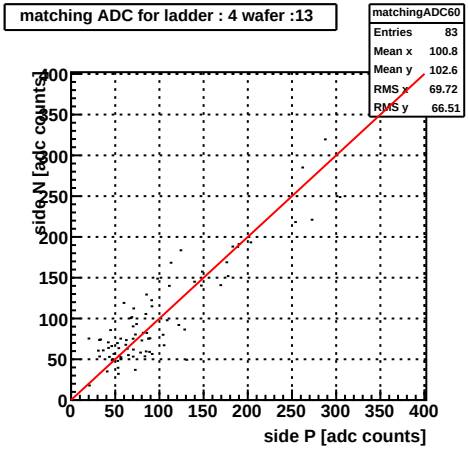

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 39
Mean x 99
Mean y 85.79
RMS x 42.66
RMS y 35.64
side N [adc counts]
side P [adc counts]

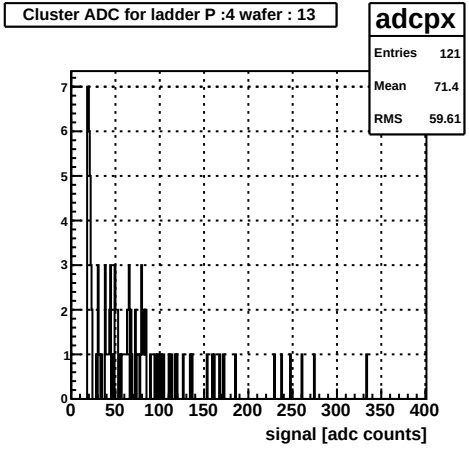

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 197
Mean 42.73
RMS 37.12
signal [adc counts]

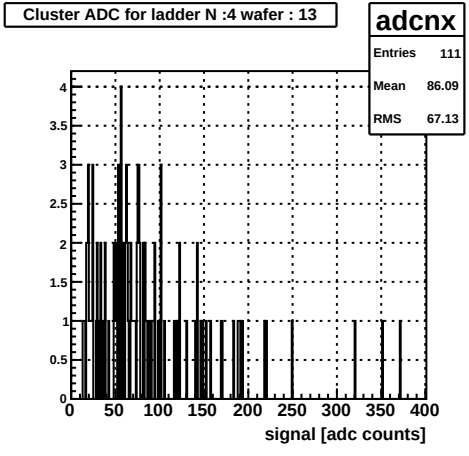

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 47
Mean 86.41
RMS 37.42
signal [adc counts]

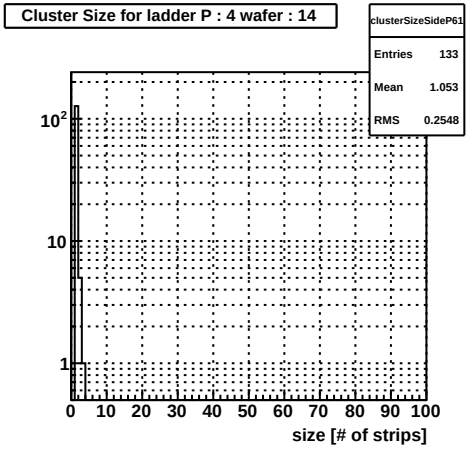

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 121
Mean 1.372
RMS 0.6316
size [# of strips]

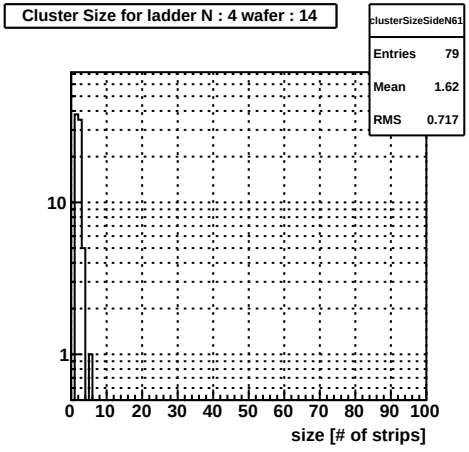

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 111
Mean 1.559
RMS 0.813
size [# of strips]

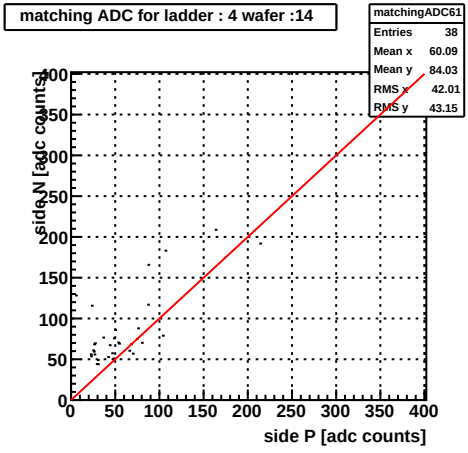

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 83
Mean x 100.8
Mean y 102.6
RMS x 69.72
RMS y 66.51
side N [adc counts]
side P [adc counts]

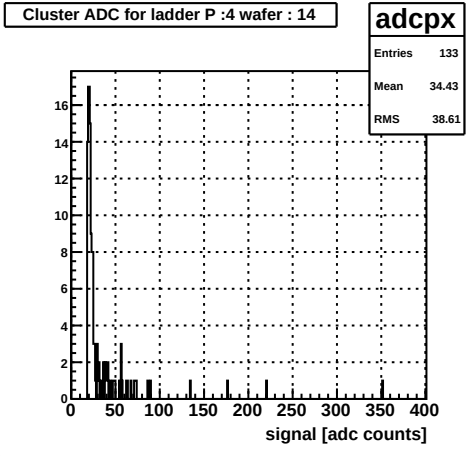

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 121
Mean 71.4
RMS 59.61
signal [adc counts]

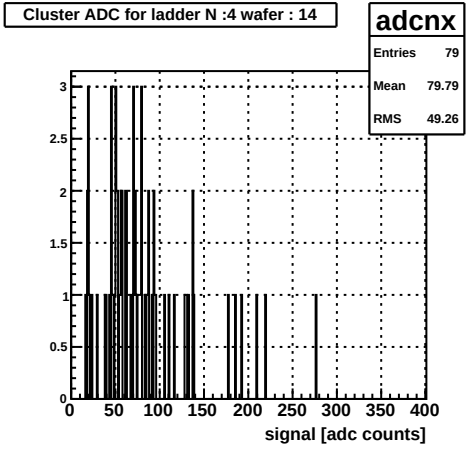

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 111
Mean 86.09
RMS 67.13
signal [adc counts]

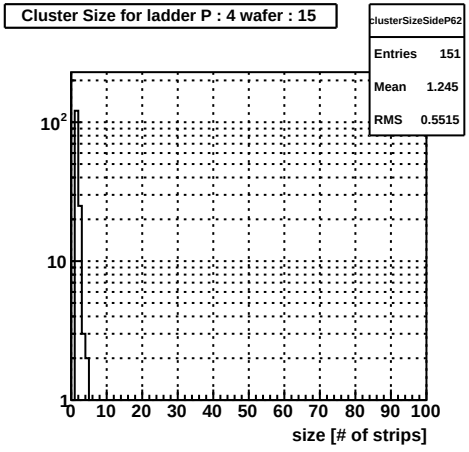

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 133
Mean 1.053
RMS 0.2548
size [# of strips]

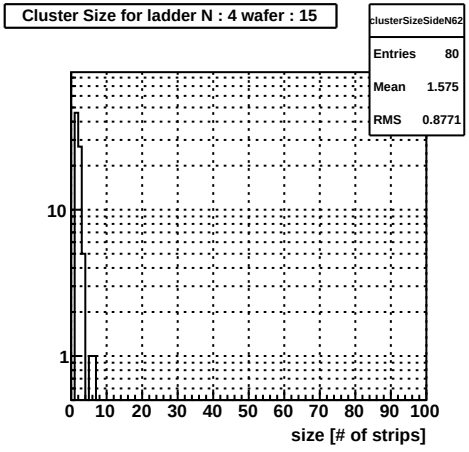

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 79
Mean 1.62
RMS 0.717
size [# of strips]

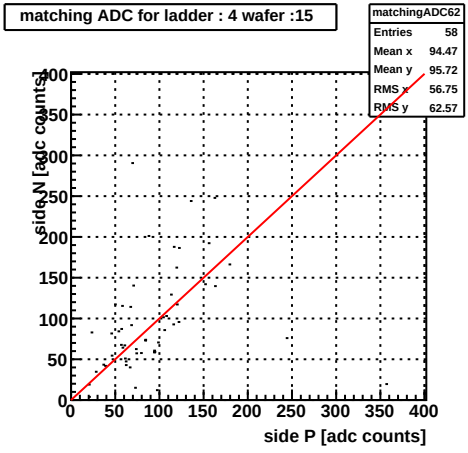

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 38
Mean x 60.09
Mean y 84.03
RMS x 42.01
RMS y 43.15
side N [adc counts]
side P [adc counts]

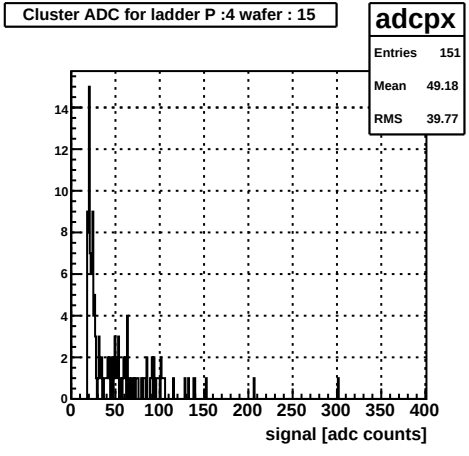

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 133
Mean 34.43
RMS 38.61
signal [adc counts]

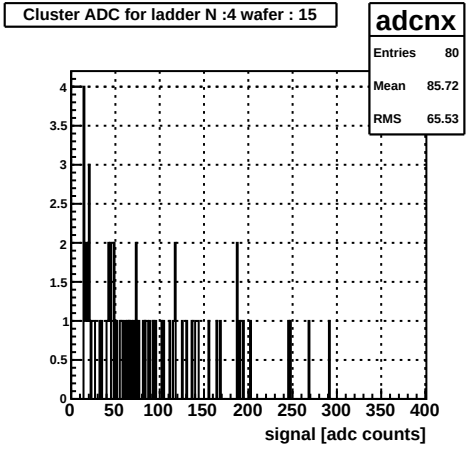

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 79
Mean 79.79
RMS 49.26
signal [adc counts]

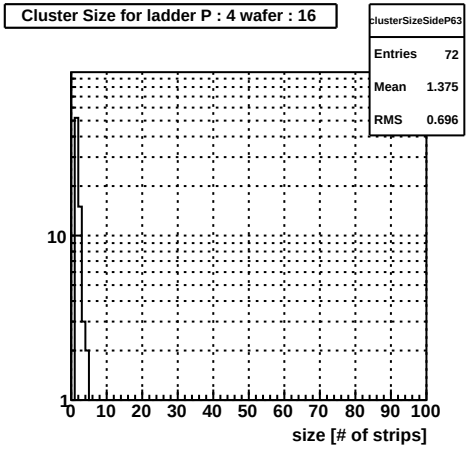

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 151
Mean 1.245
RMS 0.5515
size [# of strips]

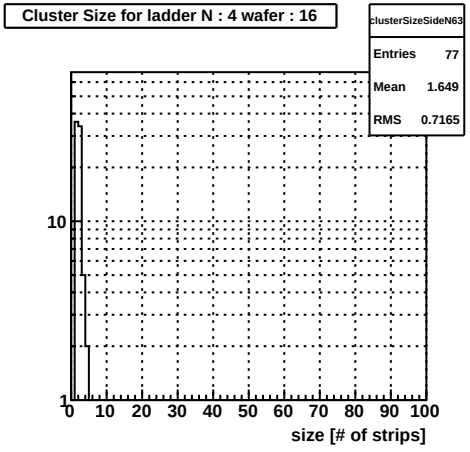

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 80
Mean 1.575
RMS 0.8771
size [# of strips]

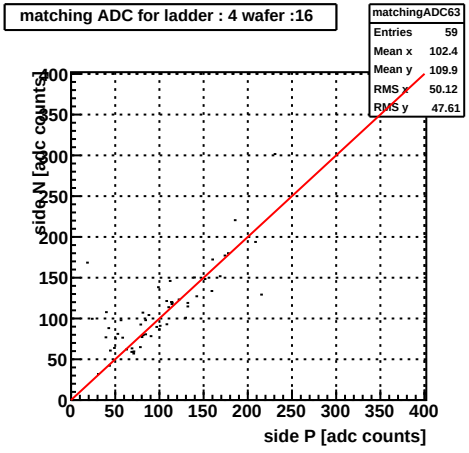

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 58
Mean x 94.47
Mean y 95.72
RMS x 56.75
RMS y 62.57
side N [adc counts]
side P [adc counts]

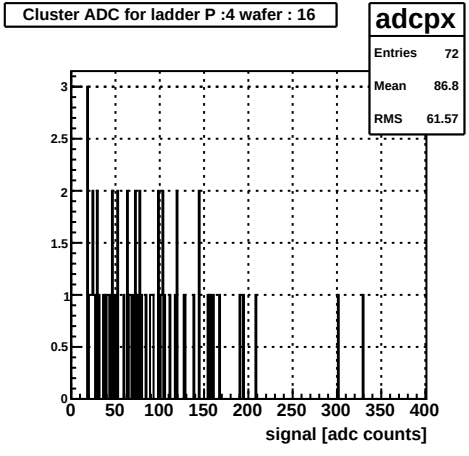

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 151
Mean 49.18
RMS 39.77
signal [adc counts]

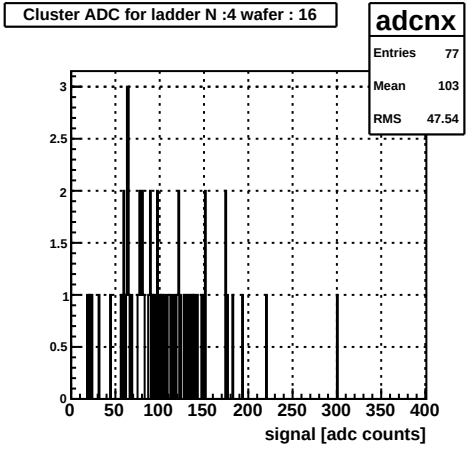

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 80
Mean 85.72
RMS 65.53
signal [adc counts]

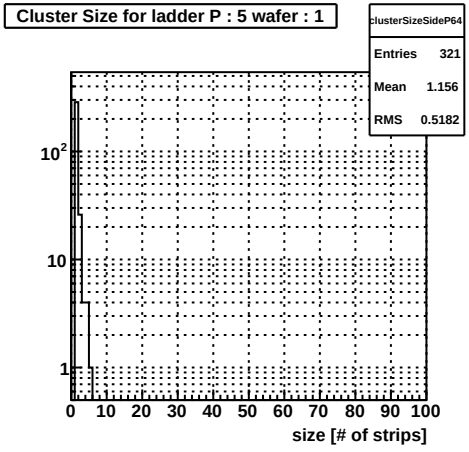

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 72
Mean 1.375
RMS 0.696
size [# of strips]

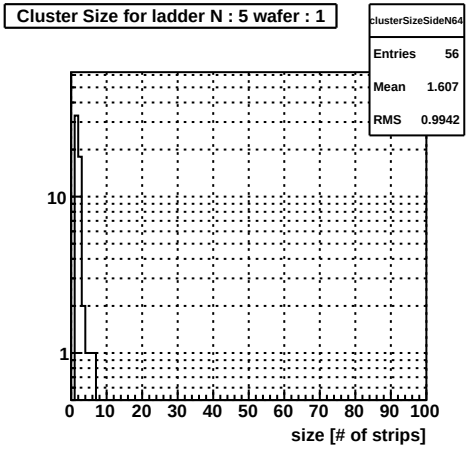

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 77
Mean 1.649
RMS 0.7165
size [# of strips]

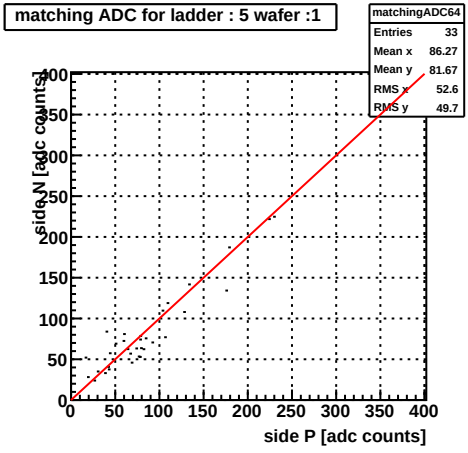

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 59
Mean x 102.4
Mean y 109.9
RMS x 50.12
RMS y 47.61
side N [adc counts]
side P [adc counts]

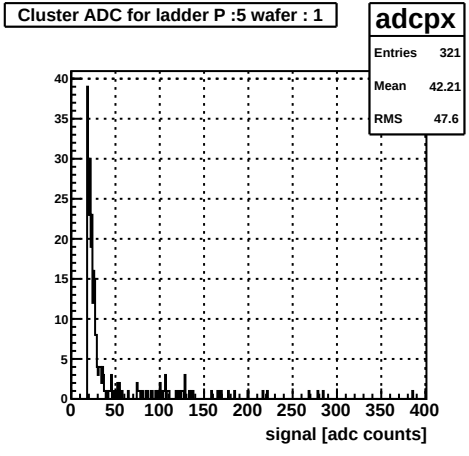

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 72
Mean 86.8
RMS 61.57
signal [adc counts]

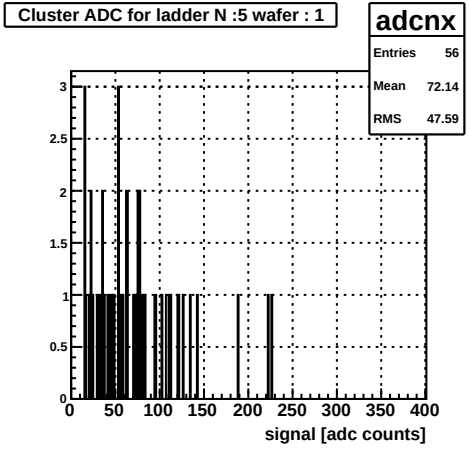

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 77
Mean 103
RMS 47.54
signal [adc counts]

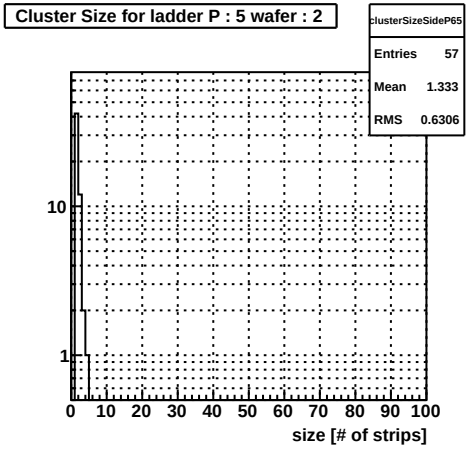

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 321
Mean 1.156
RMS 0.5182
size [# of strips]

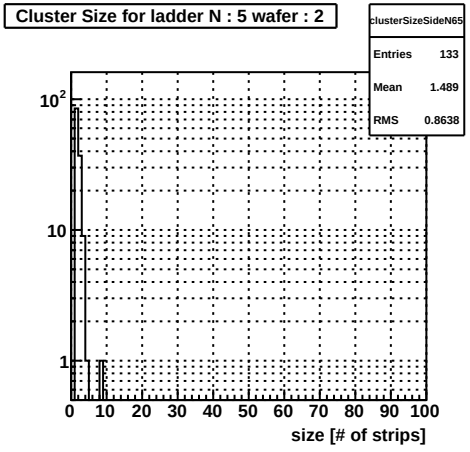

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 56
Mean 1.607
RMS 0.9942
size [# of strips]

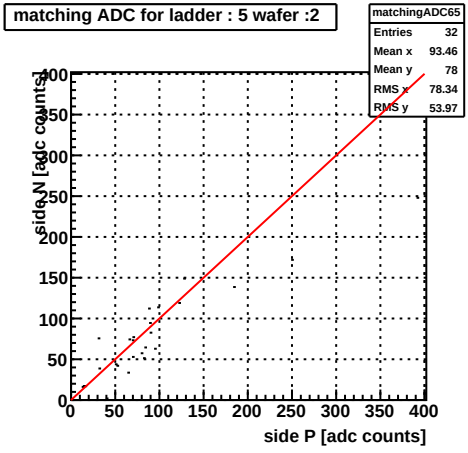

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 33
Mean x 86.27
Mean y 81.67
RMS x 52.6
RMS y 49.7
side N [adc counts]
side P [adc counts]

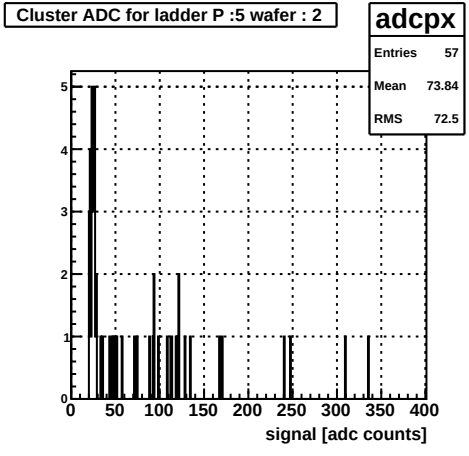

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 321
Mean 42.21
RMS 47.6
signal [adc counts]

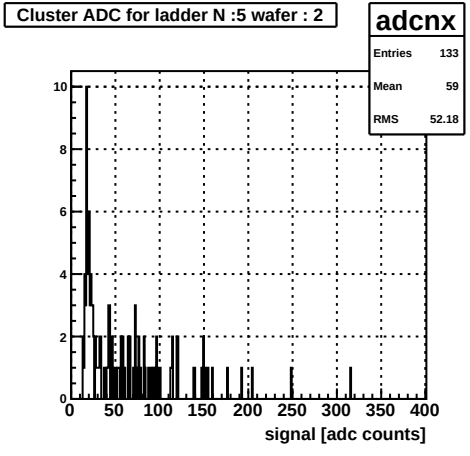

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 56
Mean 72.14
RMS 47.59
signal [adc counts]

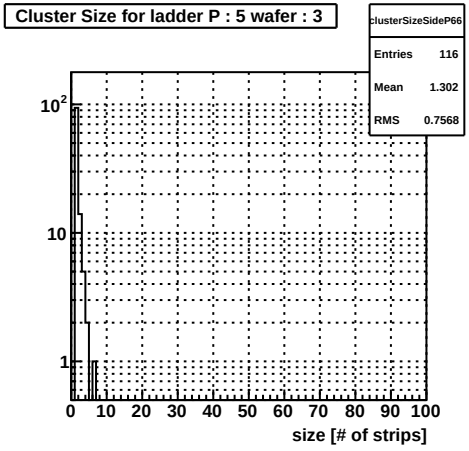

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 57
Mean 1.333
RMS 0.6306
size [# of strips]

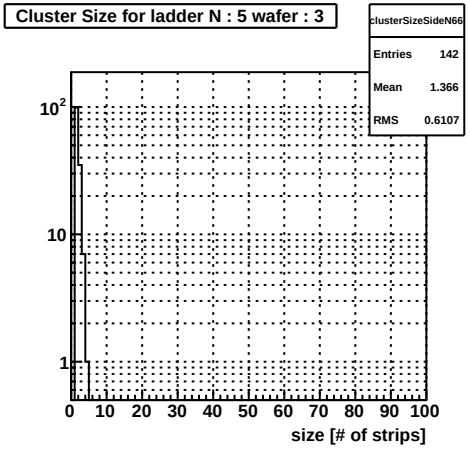

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 133
Mean 1.489
RMS 0.8638
size [# of strips]

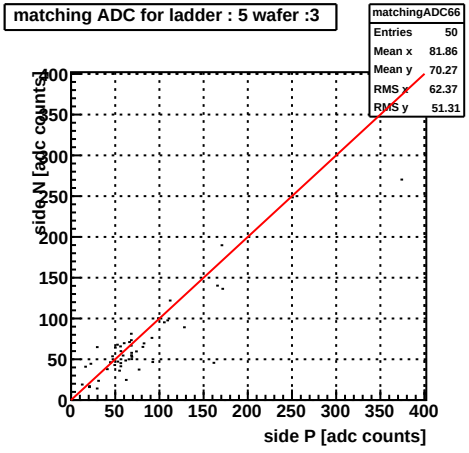

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 32
Mean x 93.46
Mean y 78
RMS x 78.34
RMS y 53.97
side N [adc counts]
side P [adc counts]

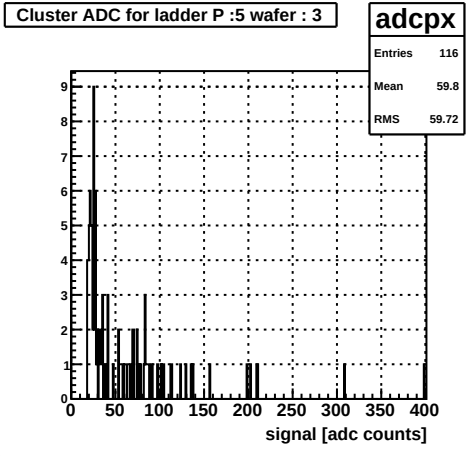

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 57
Mean 73.84
RMS 72.5
signal [adc counts]

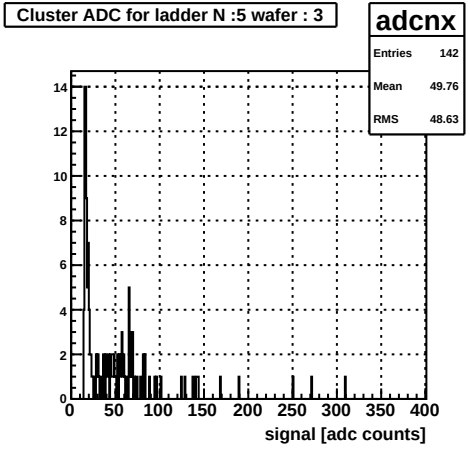

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 133
Mean 59
RMS 52.18
signal [adc counts]

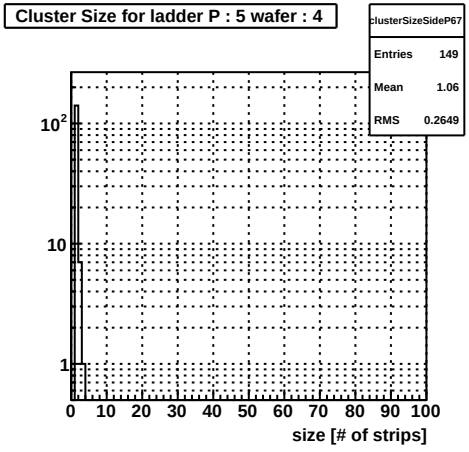

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 116
Mean 1.302
RMS 0.7568
size [# of strips]

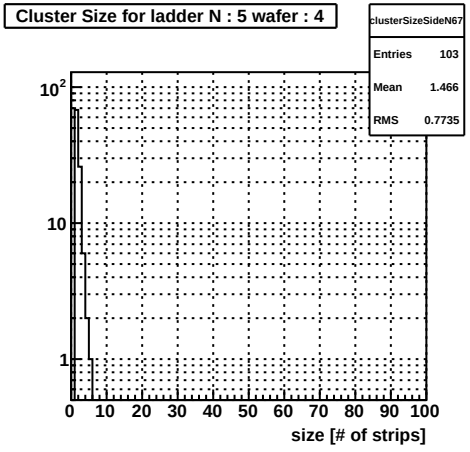

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 142
Mean 1.366
RMS 0.6107
size [# of strips]

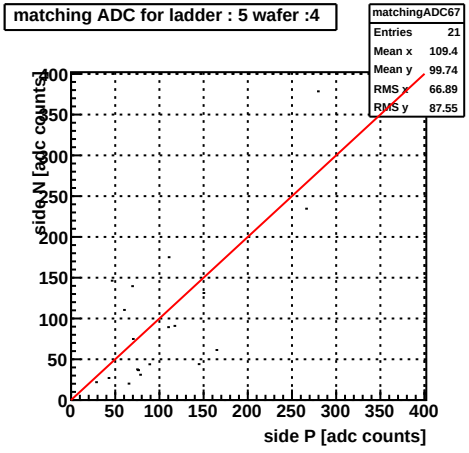

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 50
Mean x 81.86
Mean y 70.27
RMS x 62.37
RMS y 51.31
side N [adc counts]
side P [adc counts]

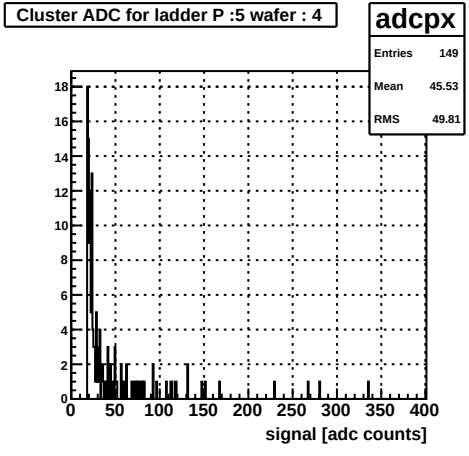

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 116
Mean 59.8
RMS 59.72
signal [adc counts]

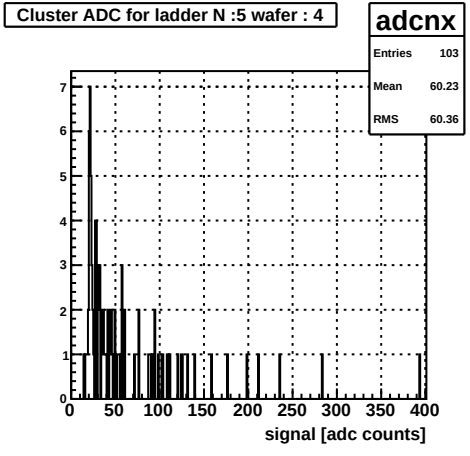

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 142
Mean 49.76
RMS 48.63
signal [adc counts]

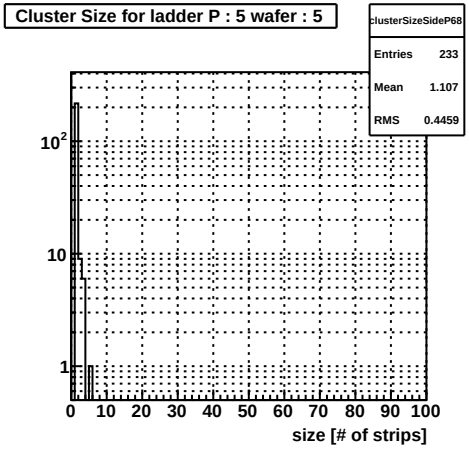

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 149
Mean 1.06
RMS 0.2649
size [# of strips]

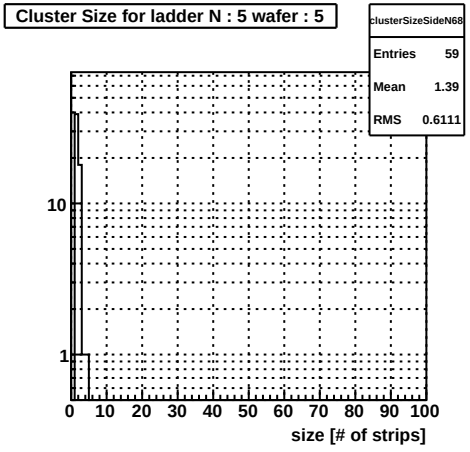

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 103
Mean 1.466
RMS 0.7735
size [# of strips]

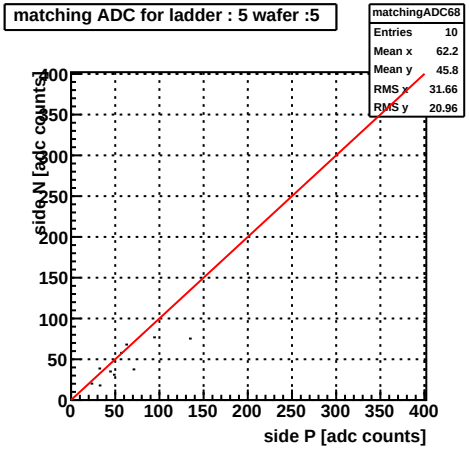

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 21
Mean x 109.4
Mean y 99.74
RMS x 66.89
RMS y 87.55
side N [adc counts]
side P [adc counts]

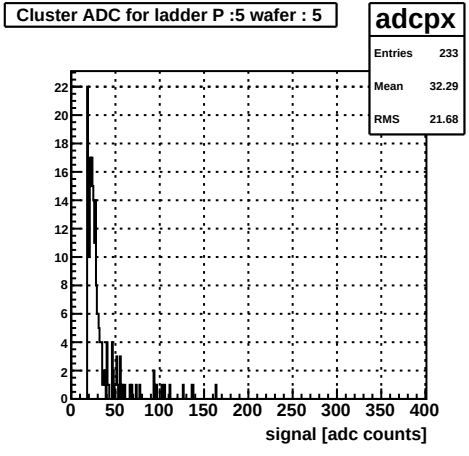

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 149
Mean 45.53
RMS 49.81
signal [adc counts]

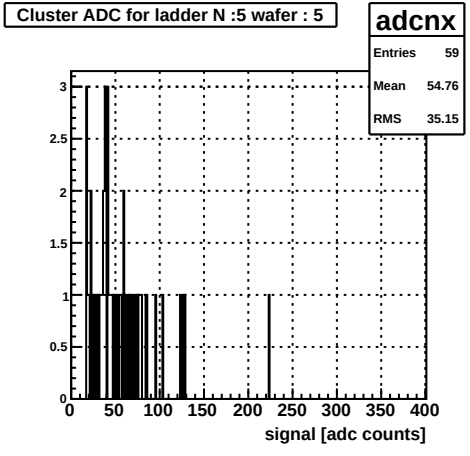

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 103
Mean 60.23
RMS 60.36
signal [adc counts]

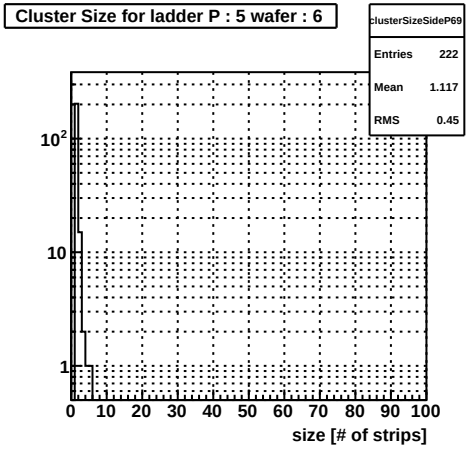

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 233
Mean 1.107
RMS 0.4459
size [# of strips]

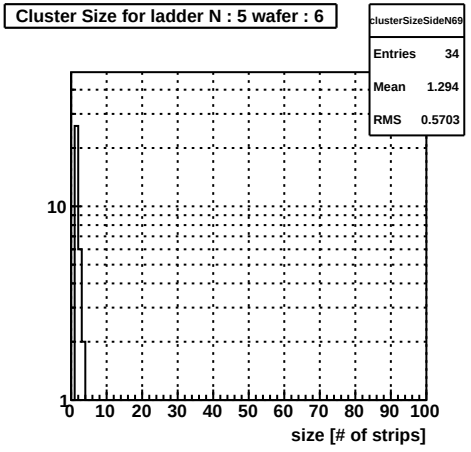

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 59
Mean 1.39
RMS 0.6111
size [# of strips]

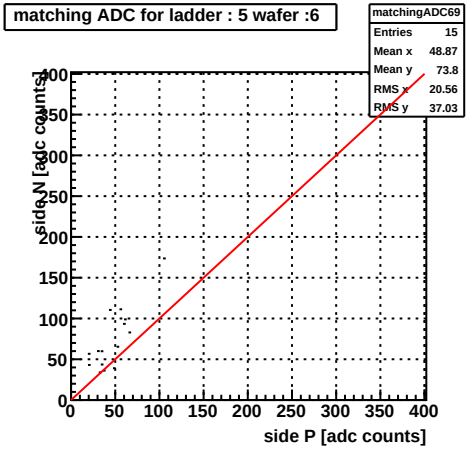

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 10
Mean x 62.2
Mean y 45.8
RMS x 31.66
RMS y 20.96
side N [adc counts]
side P [adc counts]

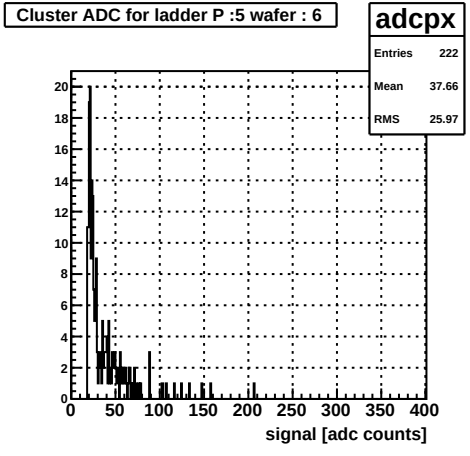

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 233
Mean 32.29
RMS 21.68
signal [adc counts]

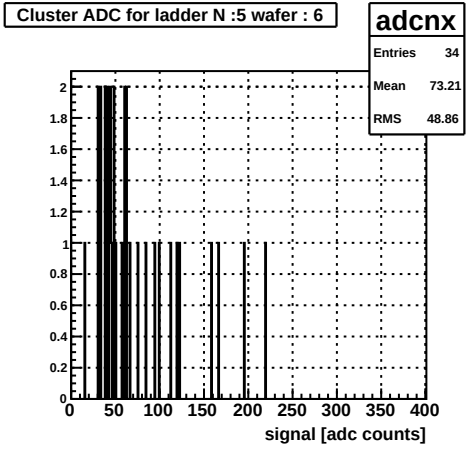

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 59
Mean 54.76
RMS 35.15
signal [adc counts]

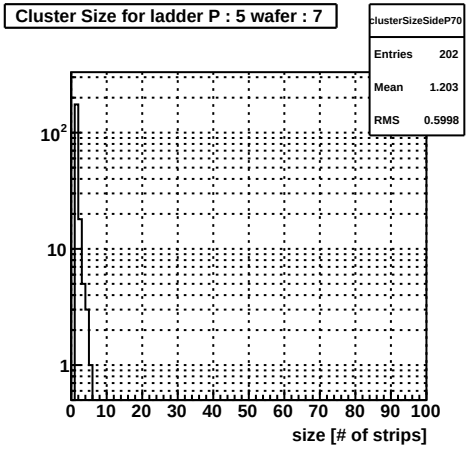

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 222
Mean 1.117
RMS 0.45
size [# of strips]

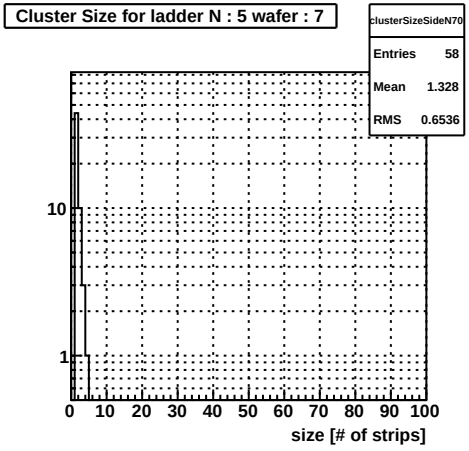

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 34
Mean 1.294
RMS 0.5703
size [# of strips]

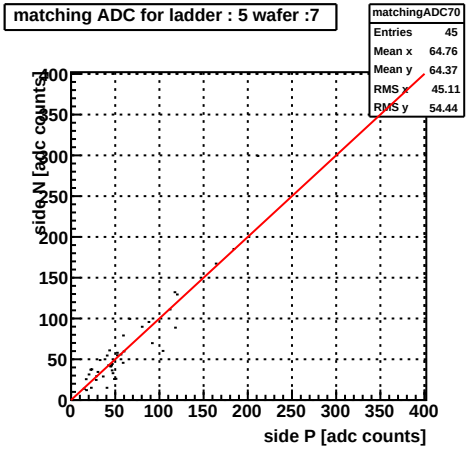

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 15
Mean x 48.87
Mean y 73.8
RMS x 20.56
RMS y 37.03
side N [adc counts]
side P [adc counts]

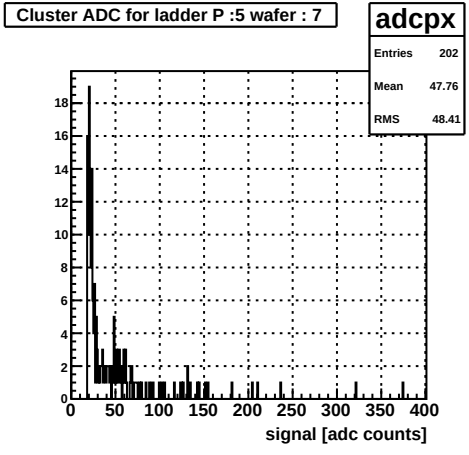

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 222
Mean 37.66
RMS 25.97
signal [adc counts]

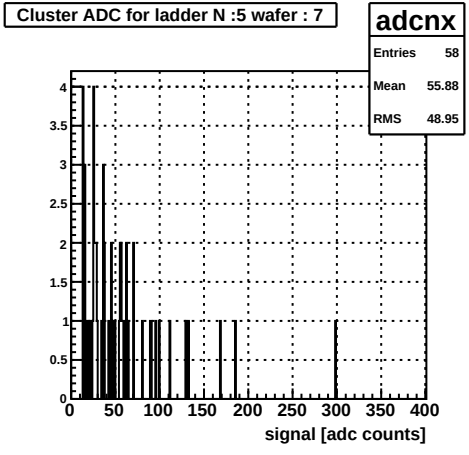

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 34
Mean 73.21
RMS 48.86
signal [adc counts]

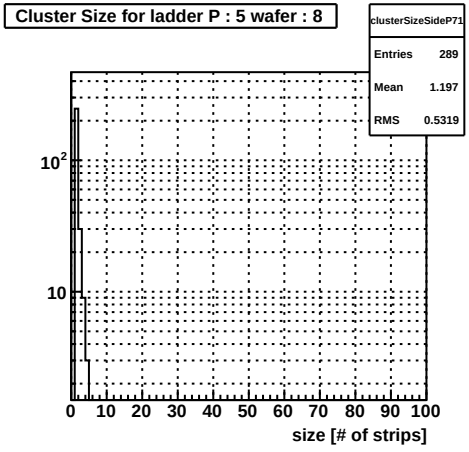

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 202
Mean 1.203
RMS 0.5998
size [# of strips]

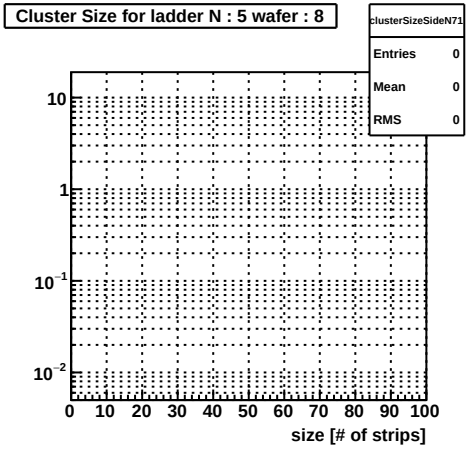

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 58
Mean 1.328
RMS 0.6536
size [# of strips]

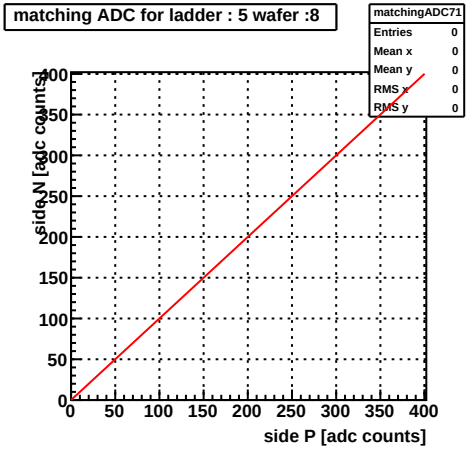

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 45
Mean x 64.76
Mean y 64.37
RMS x 45.11
RMS y 54.44
side N [adc counts]
side P [adc counts]

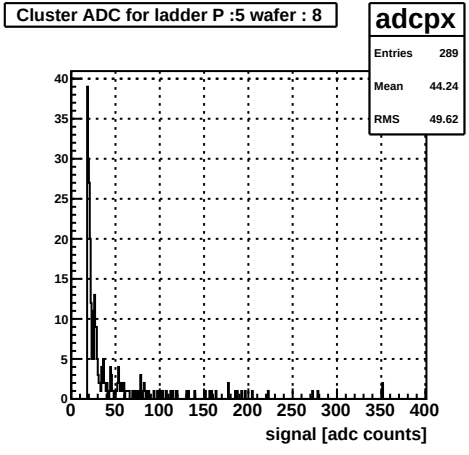

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 202
Mean 47.76
RMS 48.41
signal [adc counts]

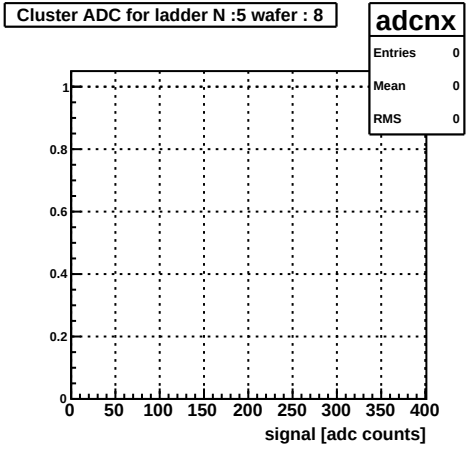

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 58
Mean 55.88
RMS 48.95
signal [adc counts]

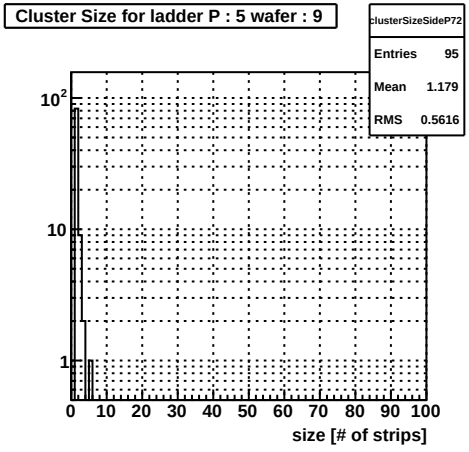

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 289
Mean 1.197
RMS 0.5319
size [# of strips]

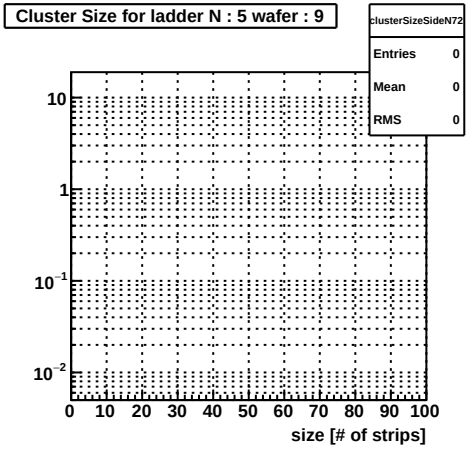

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

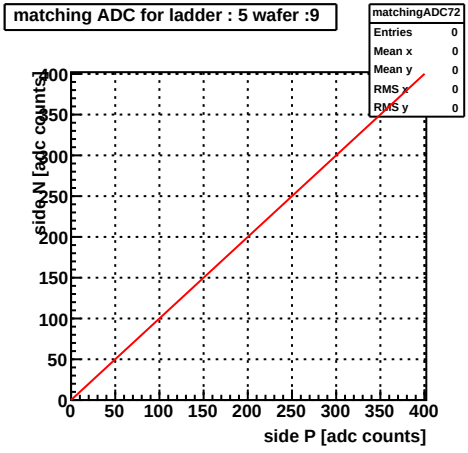

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

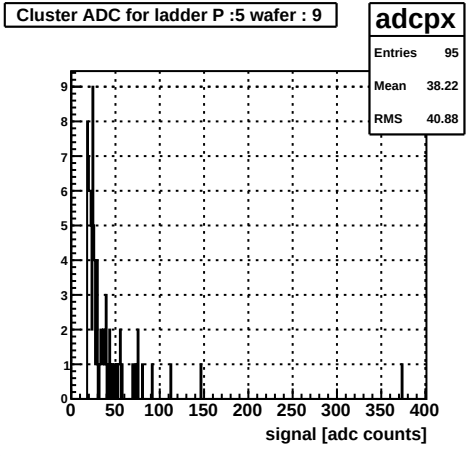

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 289
Mean 44.24
RMS 49.62
signal [adc counts]

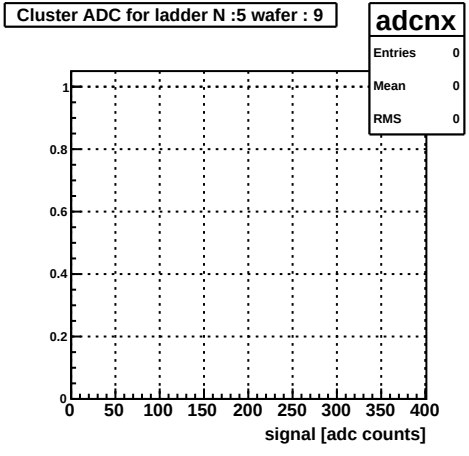

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

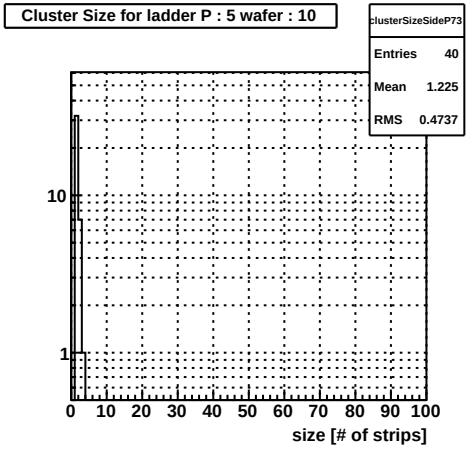

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 95
Mean 1.179
RMS 0.5616
size [# of strips]

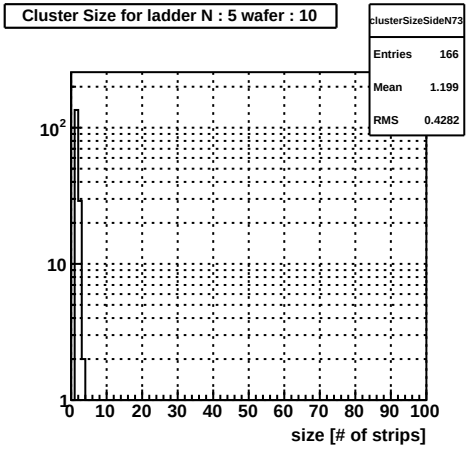

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

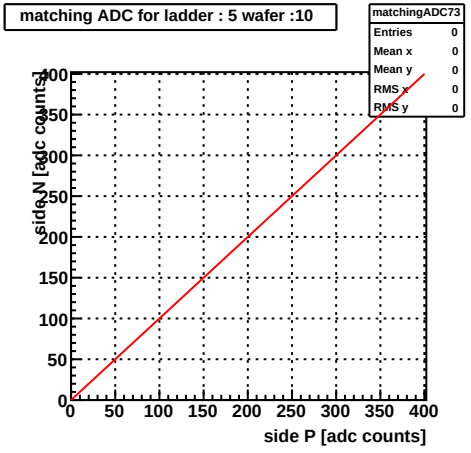

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

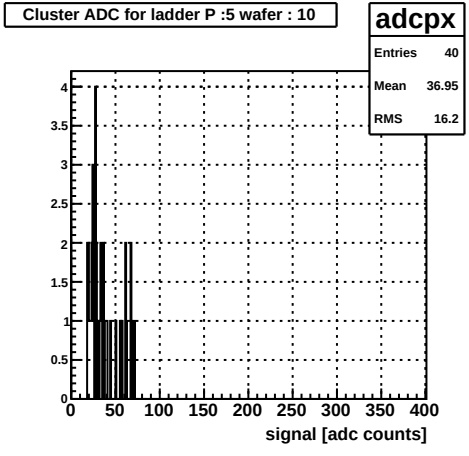

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 95
Mean 38.22
RMS 40.88
signal [adc counts]

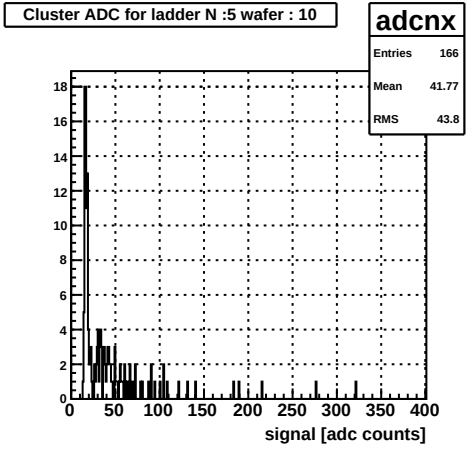

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

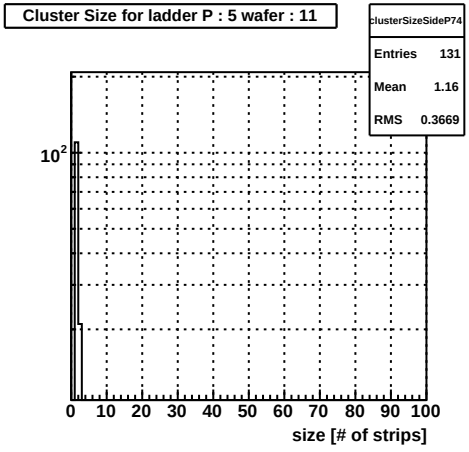

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 40
Mean 1.225
RMS 0.4737
size [# of strips]

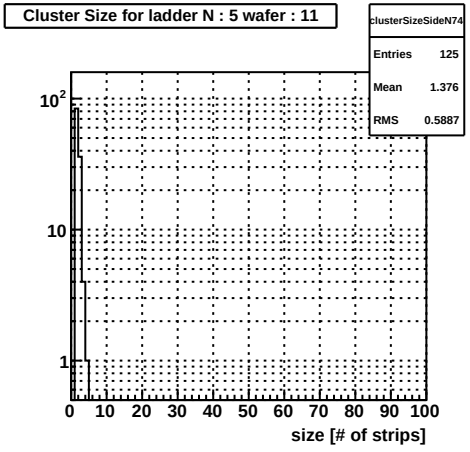

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 166
Mean 1.199
RMS 0.4282
size [# of strips]

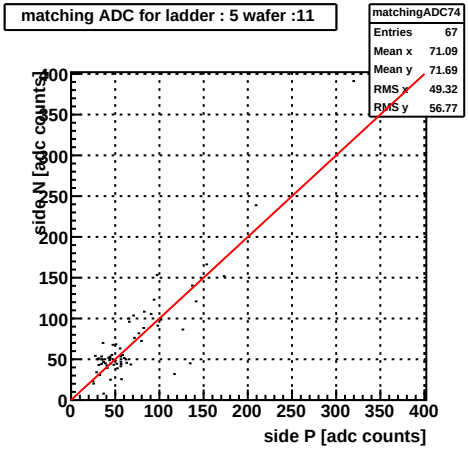

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

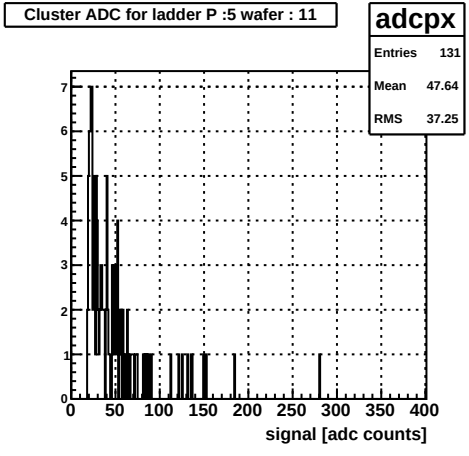

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 40
Mean 36.95
RMS 16.2
signal [adc counts]

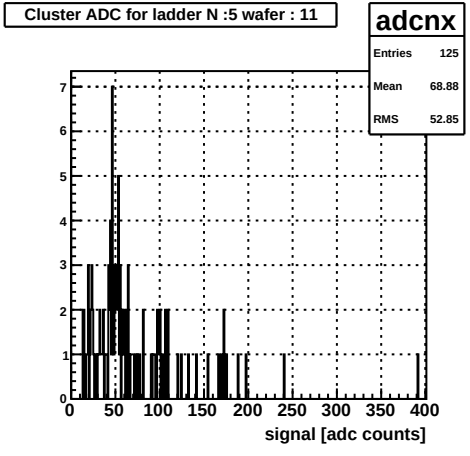

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 166
Mean 41.77
RMS 43.8
signal [adc counts]

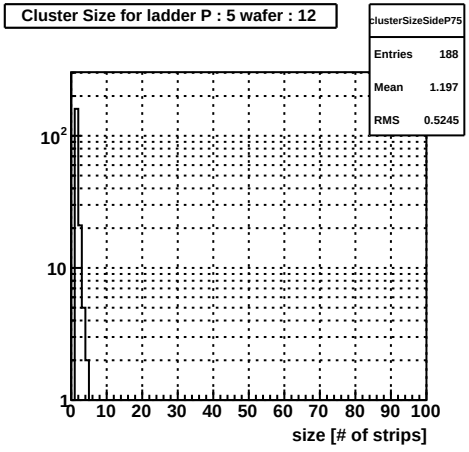

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 131
Mean 1.16
RMS 0.3669
size [# of strips]

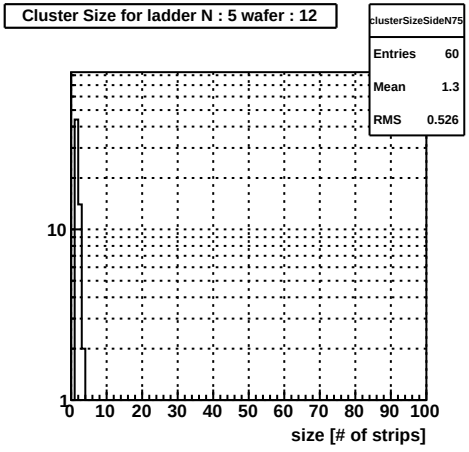

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 125
Mean 1.376
RMS 0.5887
size [# of strips]

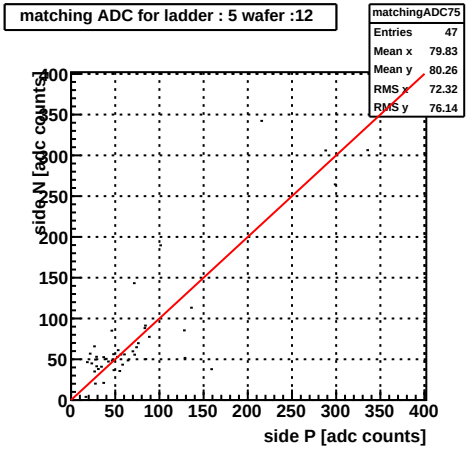

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 67
Mean x 71.09
Mean y 71.69
RMS x 49.32
RMS y 56.77
side N [adc counts]
side P [adc counts]

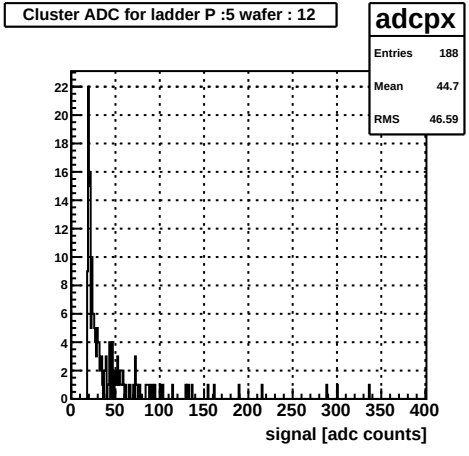

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 131
Mean 47.64
RMS 37.25
signal [adc counts]

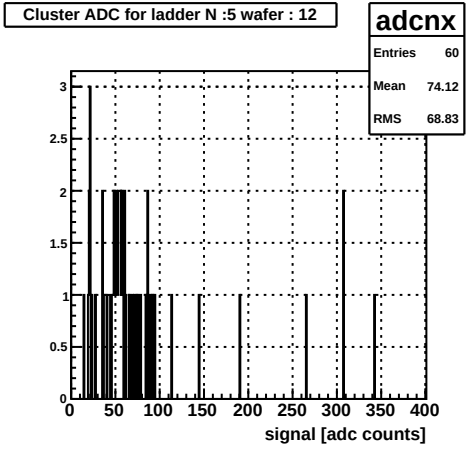

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 125
Mean 68.88
RMS 52.85
signal [adc counts]

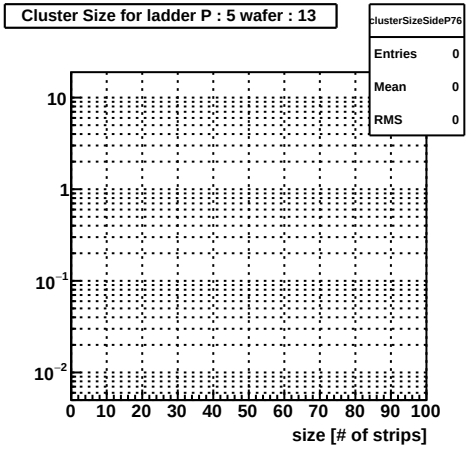

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 188
Mean 1.197
RMS 0.5245
size [# of strips]

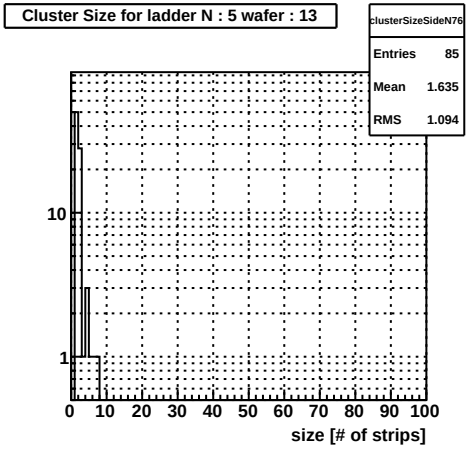

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 60
Mean 1.3
RMS 0.526
size [# of strips]

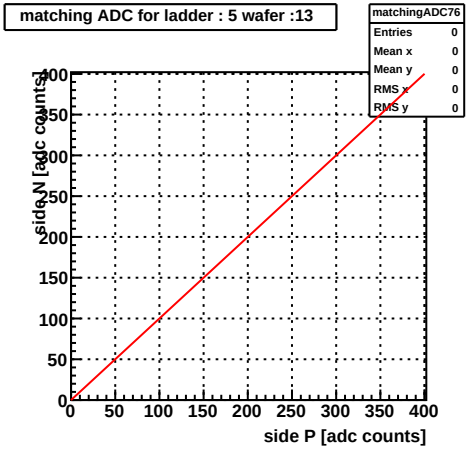

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 47
Mean x 79.83
Mean y 80.26
RMS x 72.32
RMS y 76.14
side N [adc counts]
side P [adc counts]

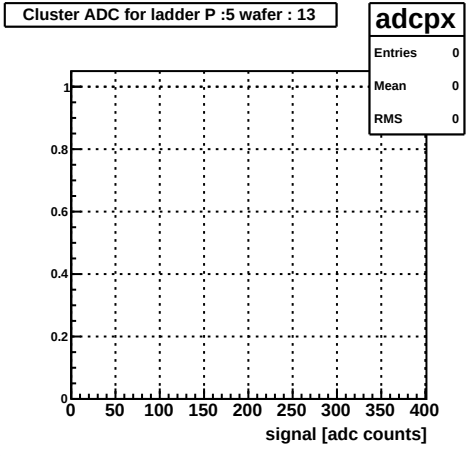

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 188
Mean 44.7
RMS 46.59
signal [adc counts]

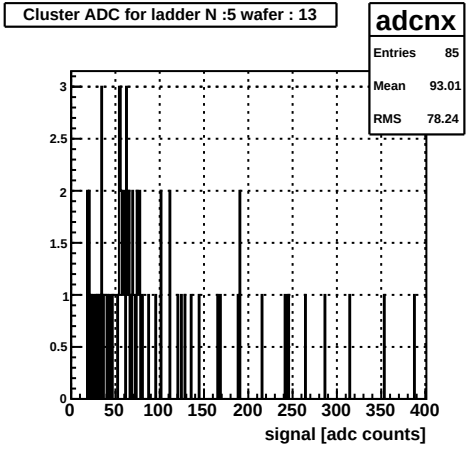

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 60
Mean 74.12
RMS 68.83
signal [adc counts]

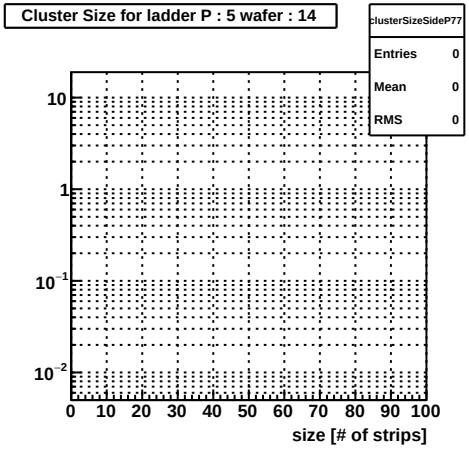

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

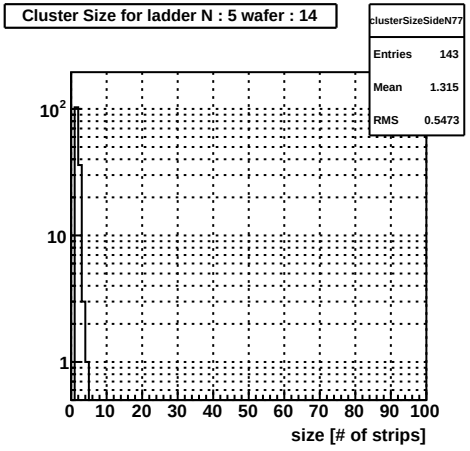

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 85
Mean 1.635
RMS 1.094
size [# of strips]

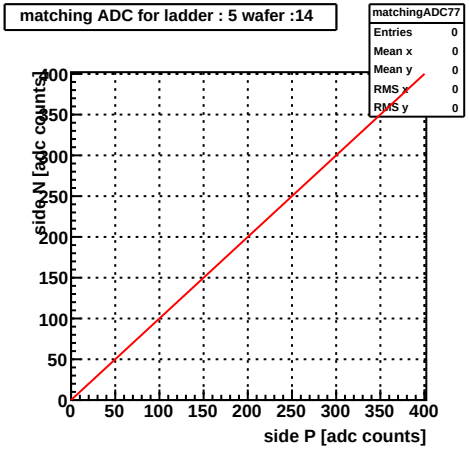

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

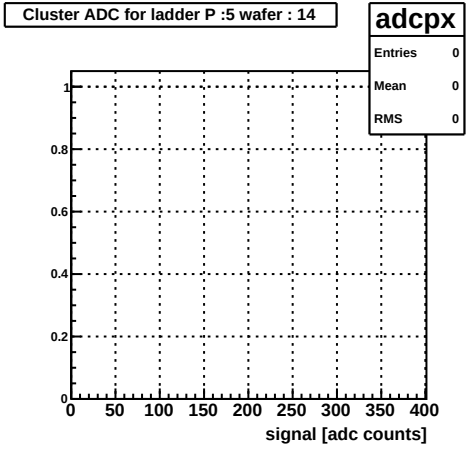

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

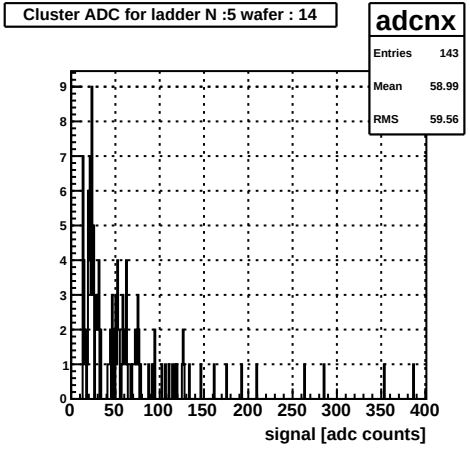

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 85
Mean 93.01
RMS 78.24
signal [adc counts]

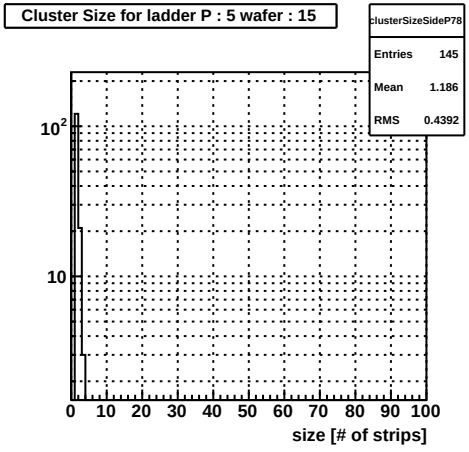

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

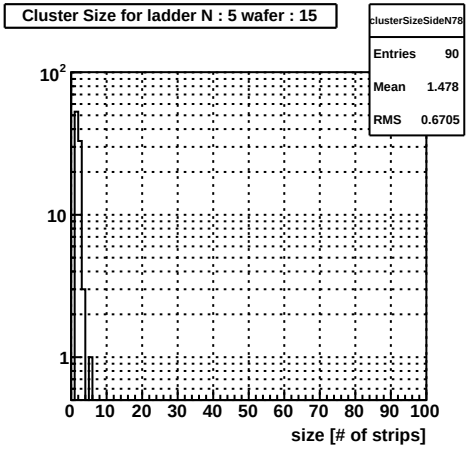

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 143
Mean 1.315
RMS 0.5473
size [# of strips]

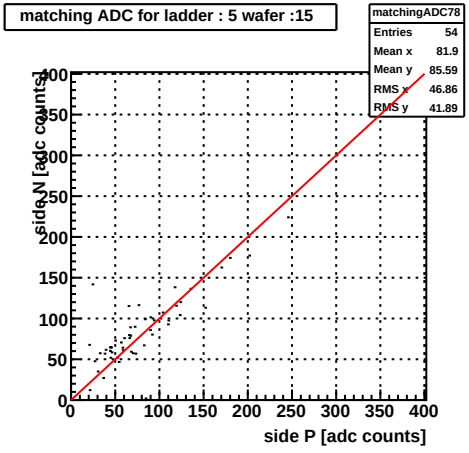

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

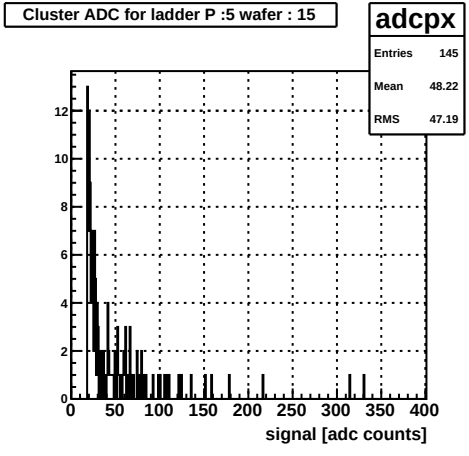

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

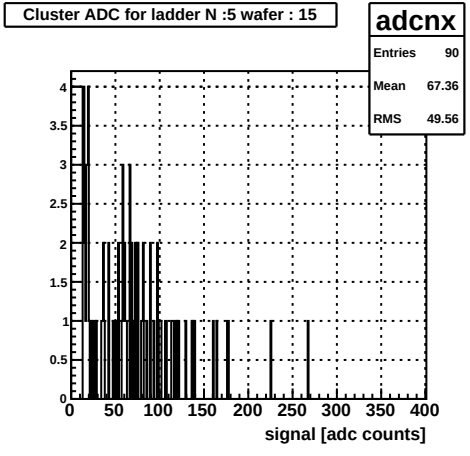

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 143
Mean 58.99
RMS 59.56
signal [adc counts]

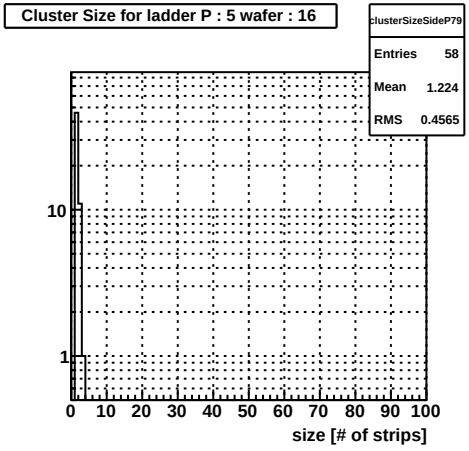

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 145
Mean 1.186
RMS 0.4392
size [# of strips]

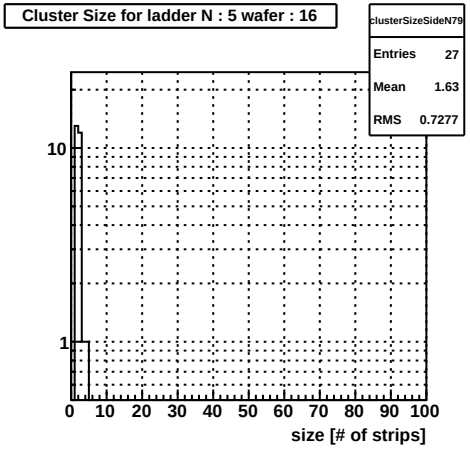

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 90
Mean 1.478
RMS 0.6705
size [# of strips]

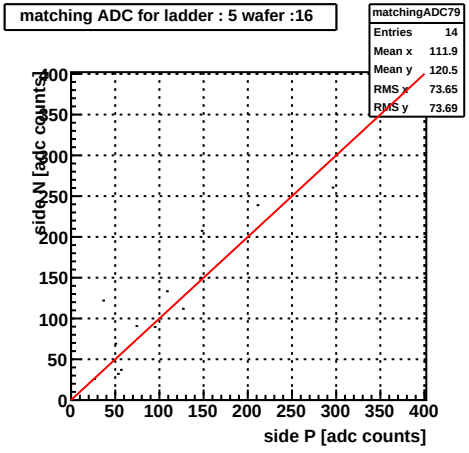

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 54
Mean x 81.9
Mean y 85.59
RMS x 46.86
RMS y 41.89
side N [adc counts]
side P [adc counts]

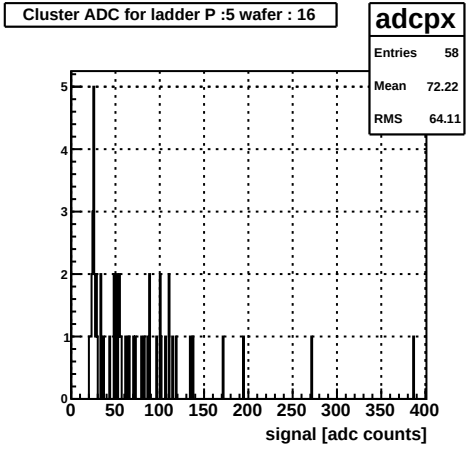

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 145
Mean 48.22
RMS 47.19
signal [adc counts]

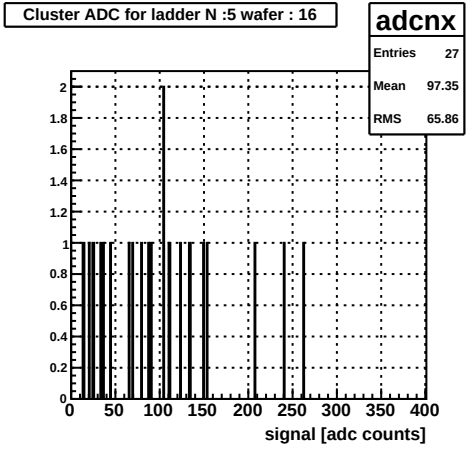

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 90
Mean 67.36
RMS 49.56
signal [adc counts]

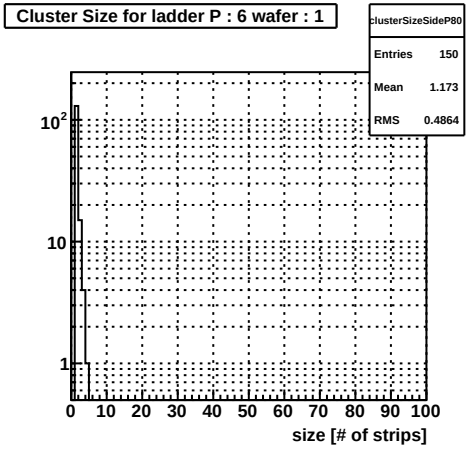

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 58
Mean 1.224
RMS 0.4565
size [# of strips]

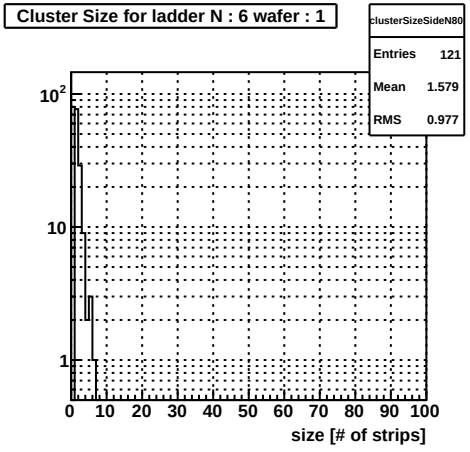

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 27
Mean 1.63
RMS 0.7277
size [# of strips]

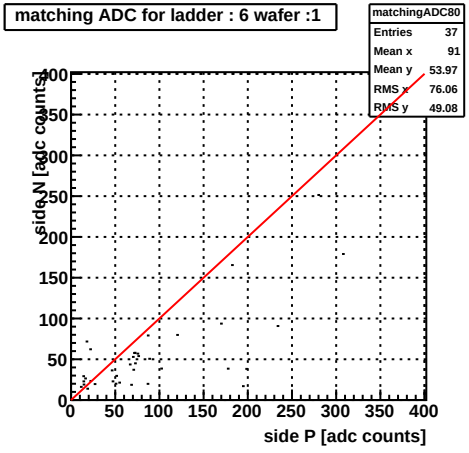

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 14
Mean x 111.9
Mean y 120.5
RMS x 73.65
RMS y 73.69
side N [adc counts]
side P [adc counts]

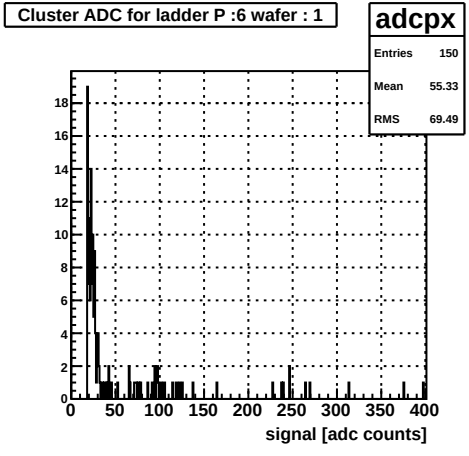

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 58
Mean 72.22
RMS 64.11
signal [adc counts]

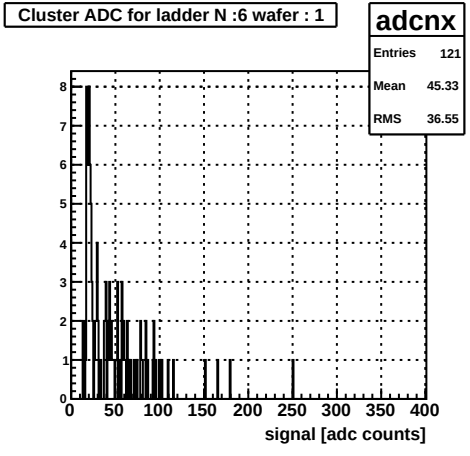

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 27
Mean 97.35
RMS 65.86
signal [adc counts]

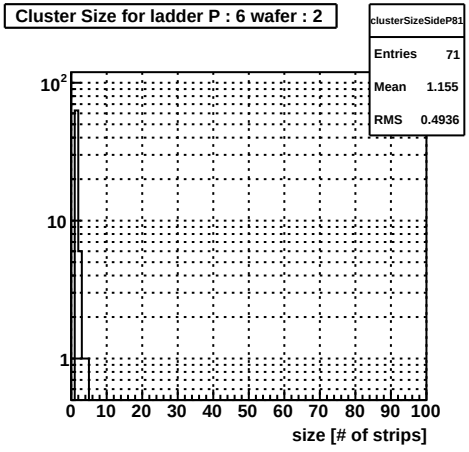

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 150
Mean 1.173
RMS 0.4864
size [# of strips]

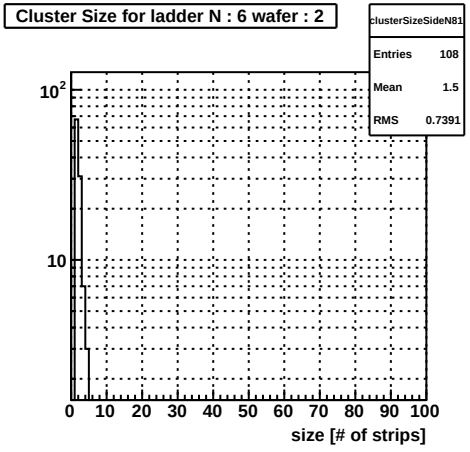

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 121
Mean 1.579
RMS 0.977
size [# of strips]

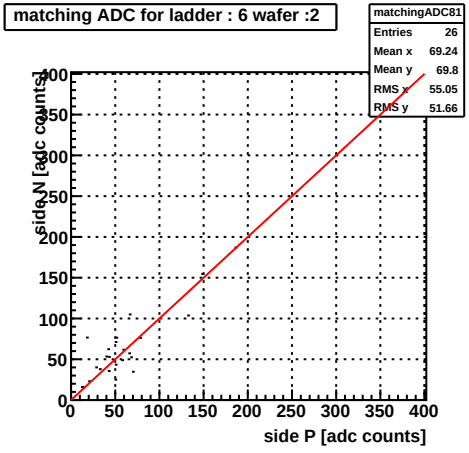

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 37
Mean x 91
Mean y 53.97
RMS x 76.06
RMS y 49.08
side N [adc counts]
side P [adc counts]

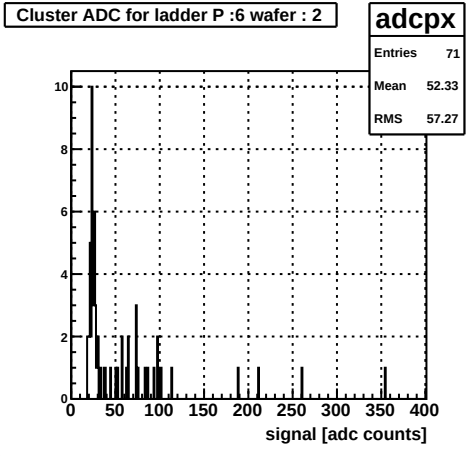

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 150
Mean 55.33
RMS 69.49
signal [adc counts]

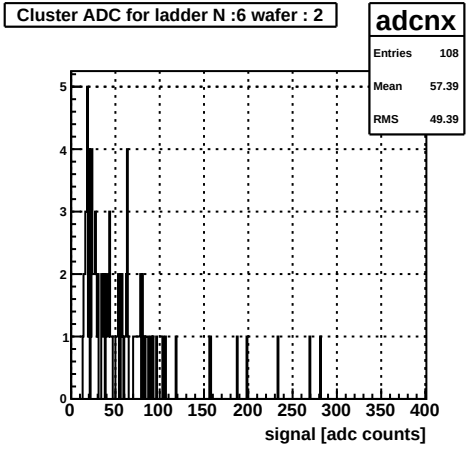

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 121
Mean 45.33
RMS 36.55
signal [adc counts]

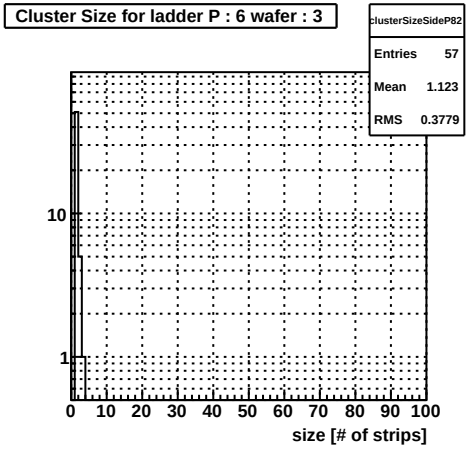

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 71
Mean 1.155
RMS 0.4936
size [# of strips]

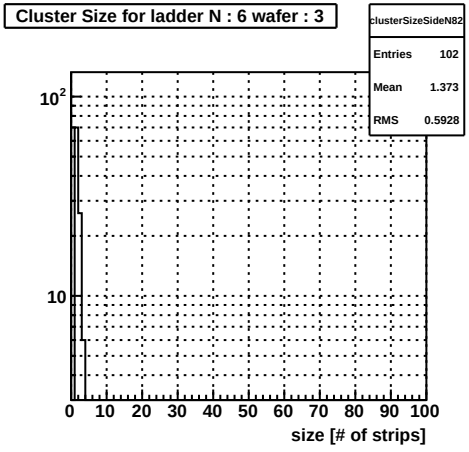

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 108
Mean 1.5
RMS 0.7391
size [# of strips]

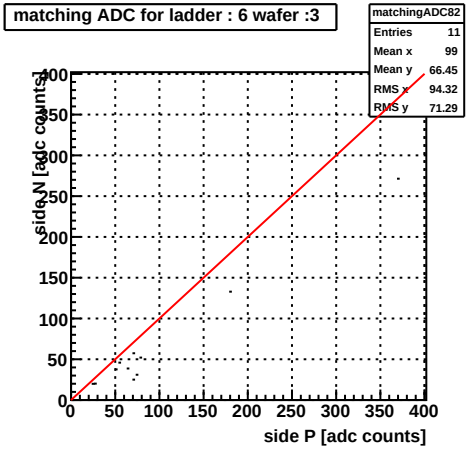

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 26
Mean x 69.24
Mean y 69.8
RMS x 55.05
RMS y 51.66
side N [adc counts]
side P [adc counts]

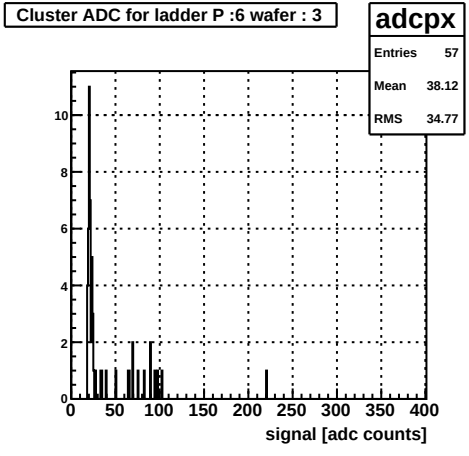

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 71
Mean 52.33
RMS 57.27
signal [adc counts]

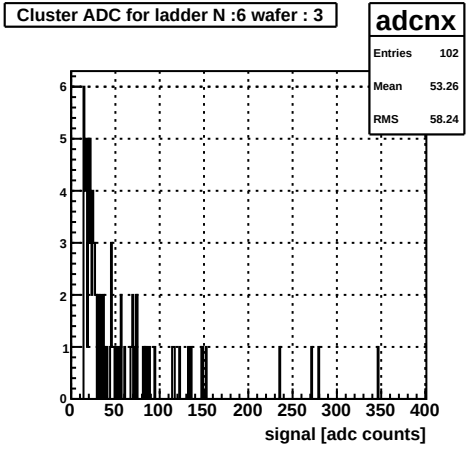

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 108
Mean 57.39
RMS 49.39
signal [adc counts]

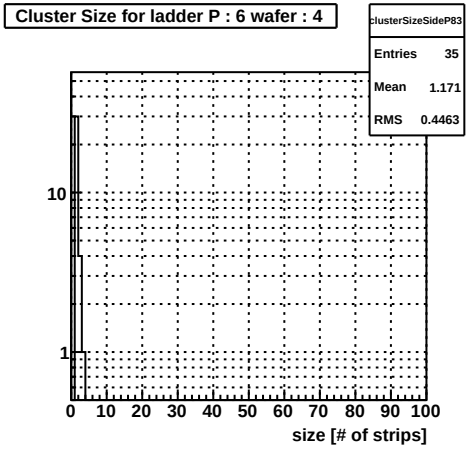

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 57
Mean 1.123
RMS 0.3779
size [# of strips]

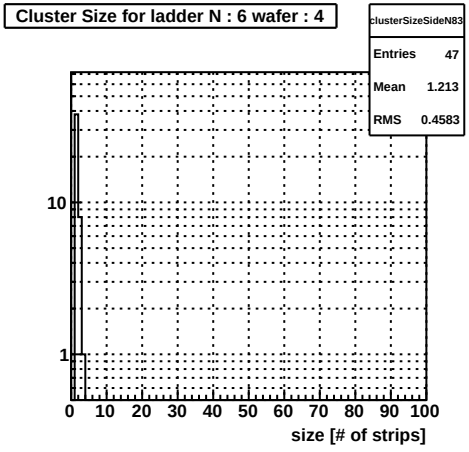

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 102
Mean 1.373
RMS 0.5928
size [# of strips]

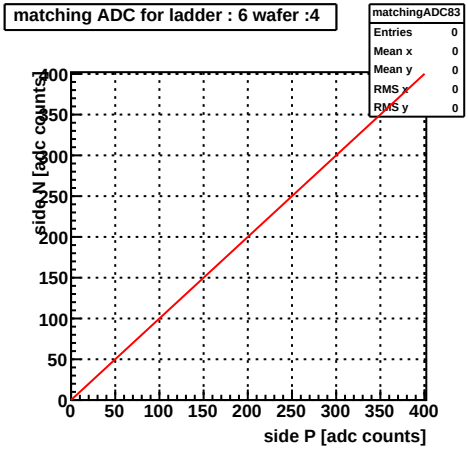

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 11
Mean x 99
Mean y 66.45
RMS x 94.32
RMS y 71.29
side N [adc counts]
side P [adc counts]

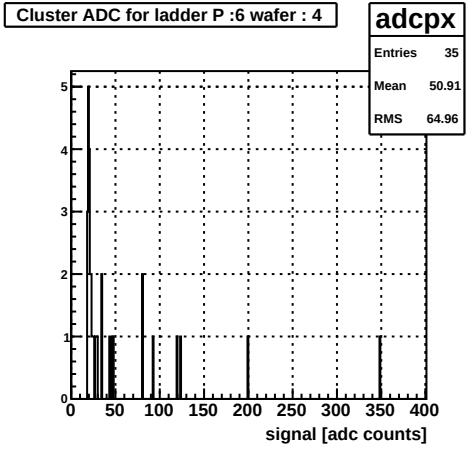

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 57
Mean 38.12
RMS 34.77
signal [adc counts]

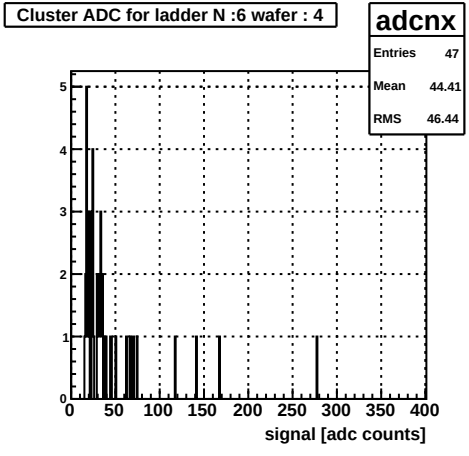

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 102
Mean 53.26
RMS 58.24
signal [adc counts]

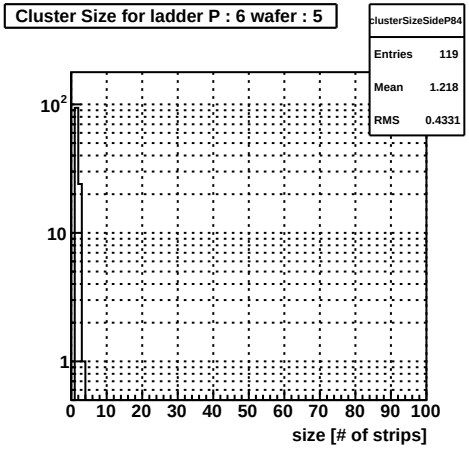

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 35
Mean 1.171
RMS 0.4463
size [# of strips]

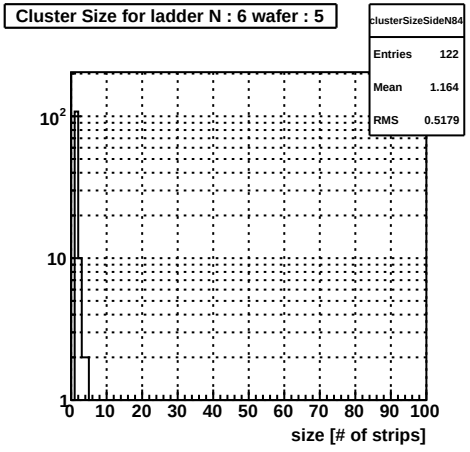

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 47
Mean 1.213
RMS 0.4583
size [# of strips]

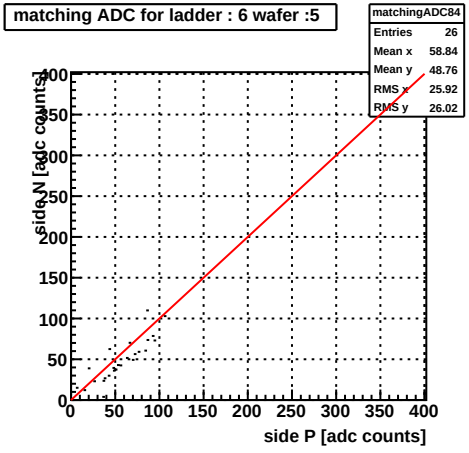

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

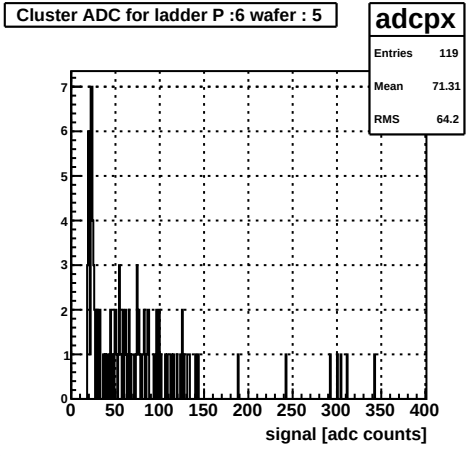

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 35
Mean 50.91
RMS 64.96
signal [adc counts]

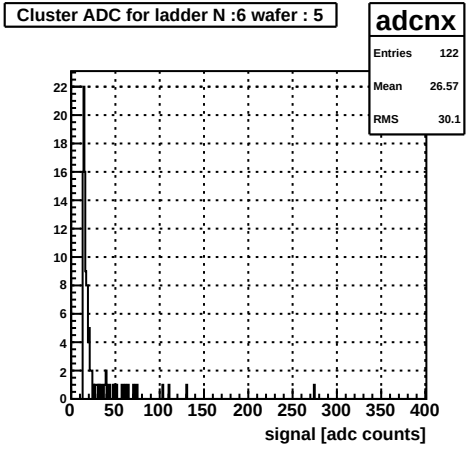

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 47
Mean 44.41
RMS 46.44
signal [adc counts]

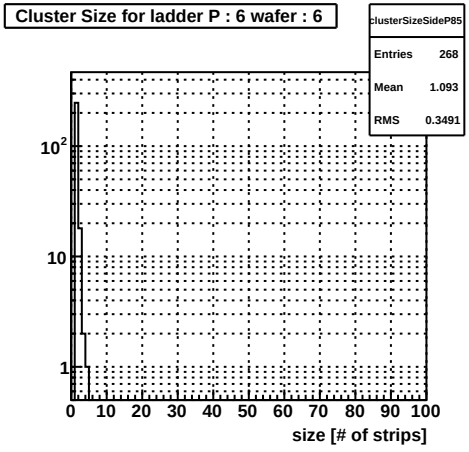

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 119
Mean 1.218
RMS 0.4331
size [# of strips]

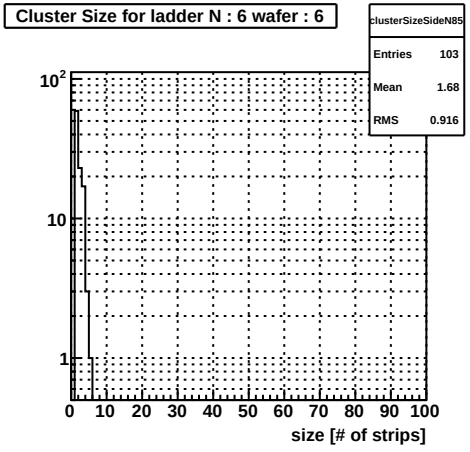

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 122
Mean 1.164
RMS 0.5179
size [# of strips]

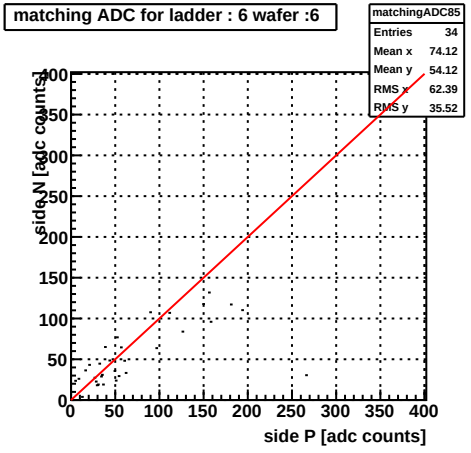

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 26
Mean x 58.84
Mean y 48.76
RMS x 25.92
RMS y 26.02
side N [adc counts]
side P [adc counts]

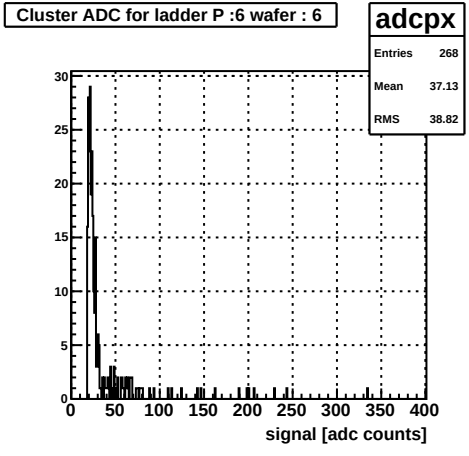

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 119
Mean 71.31
RMS 64.2
signal [adc counts]

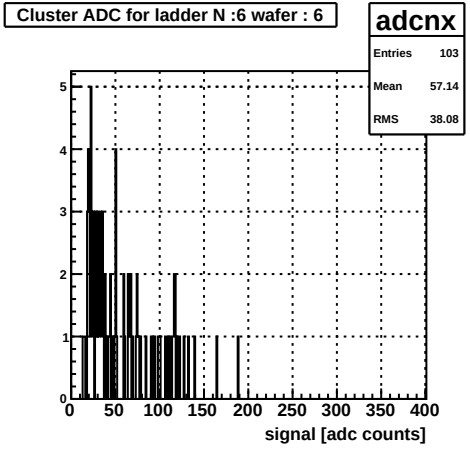

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 122
Mean 26.57
RMS 30.1
signal [adc counts]

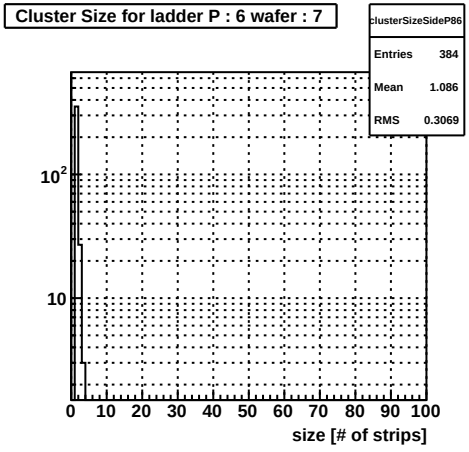

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 268
Mean 1.093
RMS 0.3491
size [# of strips]

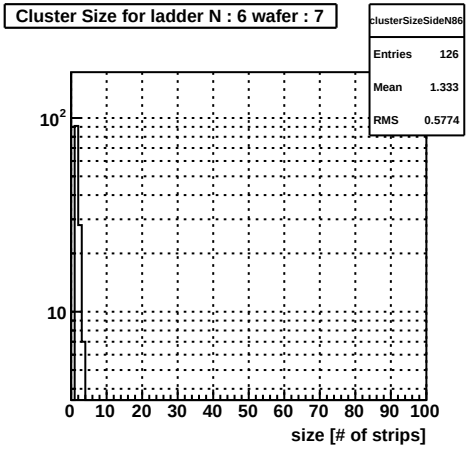

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 103
Mean 1.68
RMS 0.916
size [# of strips]

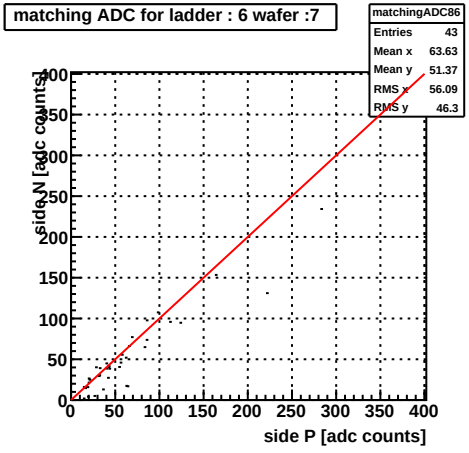

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 34
Mean x 74.12
Mean y 54.12
RMS x 62.39
RMS y 35.52
side N [adc counts]
side P [adc counts]

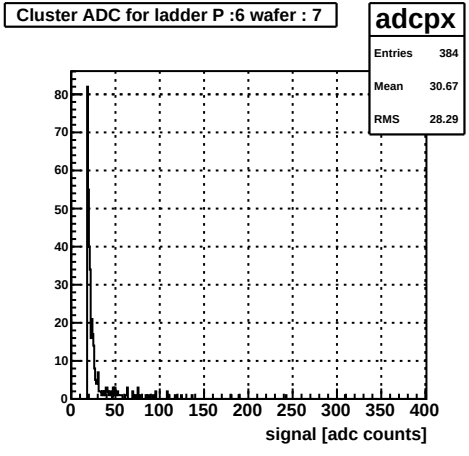

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 268
Mean 37.13
RMS 38.82
signal [adc counts]

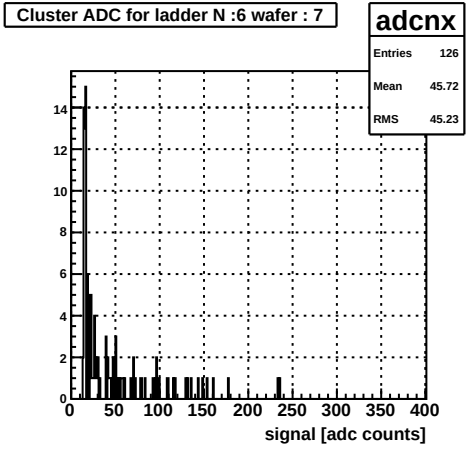

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 103
Mean 57.14
RMS 38.08
signal [adc counts]

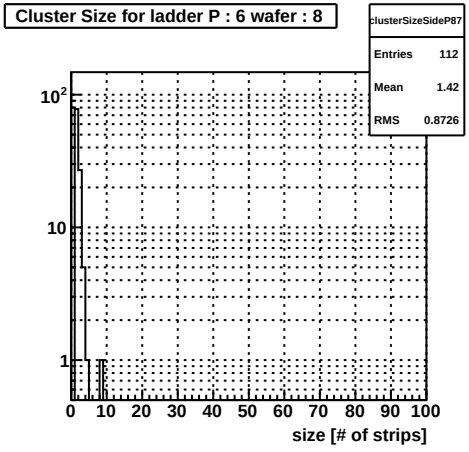

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 384
Mean 1.086
RMS 0.3069
size [# of strips]

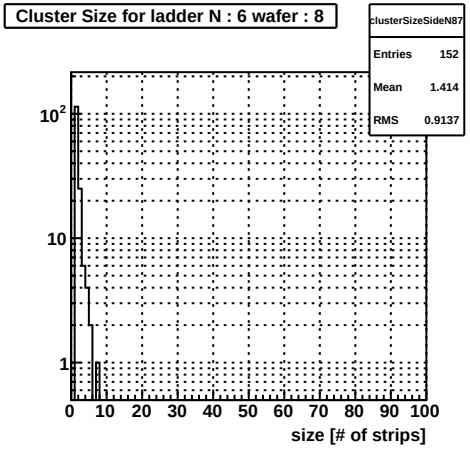

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 126
Mean 1.333
RMS 0.5774
size [# of strips]

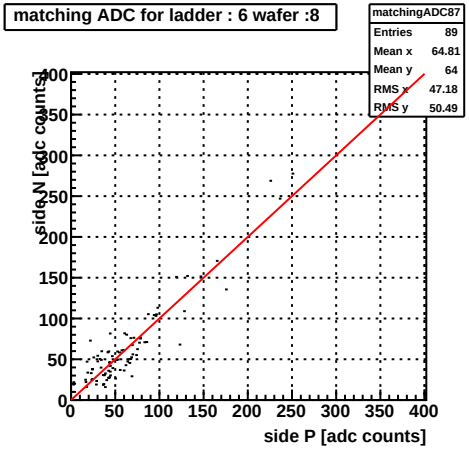

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 43
Mean x 63.63
Mean y 51.37
RMS x 56.09
RMS y 46.3
side N [adc counts]
side P [adc counts]

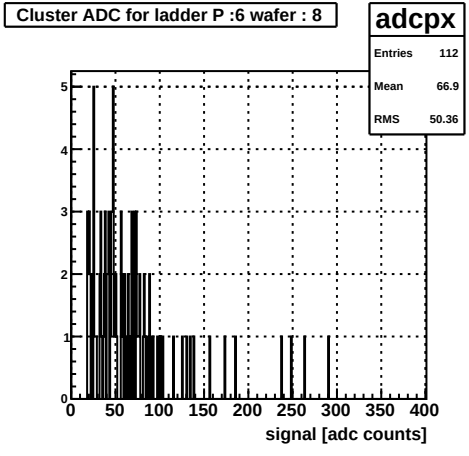

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 384
Mean 30.67
RMS 28.29
signal [adc counts]

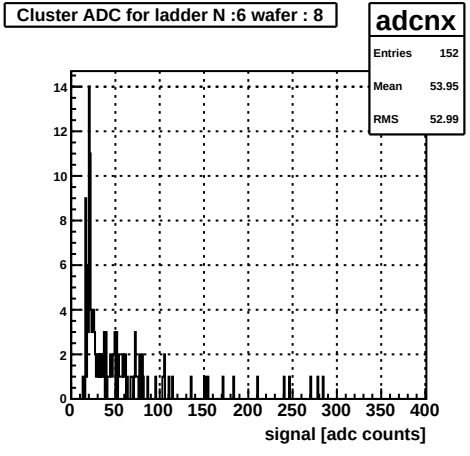

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 126
Mean 45.72
RMS 45.23
signal [adc counts]

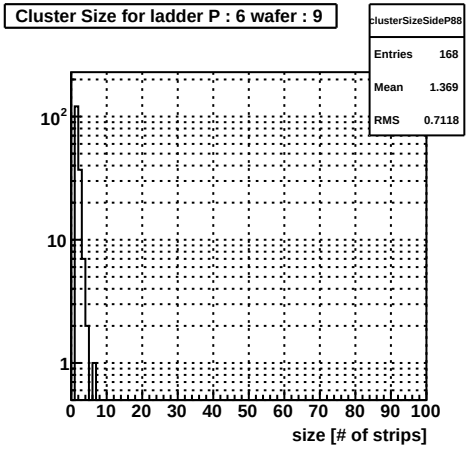

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 112
Mean 1.42
RMS 0.8726
size [# of strips]

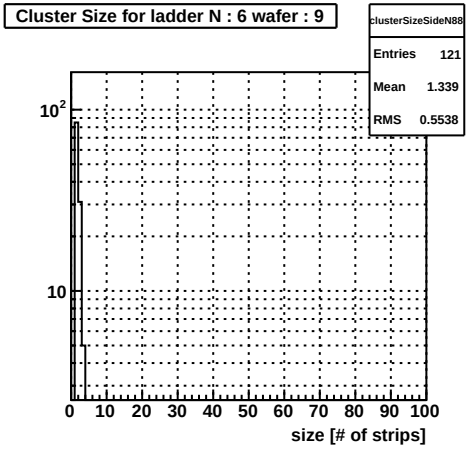

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 152
Mean 1.414
RMS 0.9137
size [# of strips]

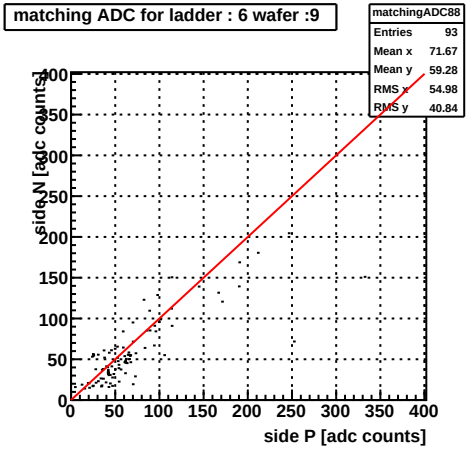

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 89
Mean x 64.81
Mean y 64
RMS x 47.18
RMS y 50.49
side N [adc counts]
side P [adc counts]

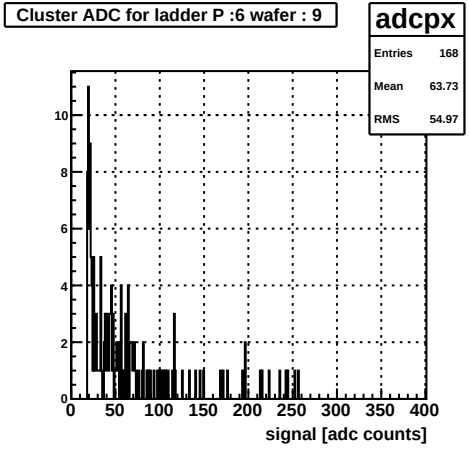

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 112
Mean 66.9
RMS 50.36
signal [adc counts]

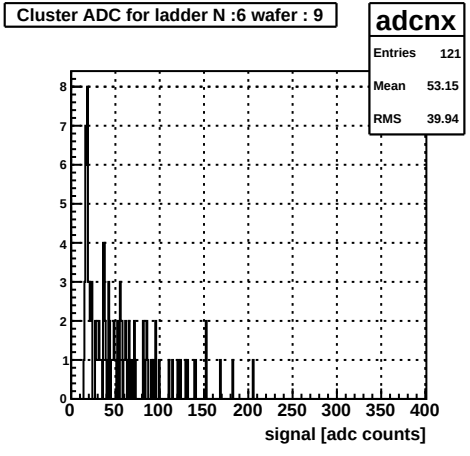

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 152
Mean 53.95
RMS 52.99
signal [adc counts]

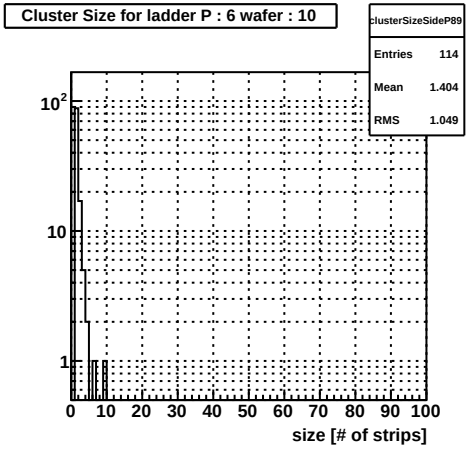

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 168
Mean 1.369
RMS 0.7118
size [# of strips]

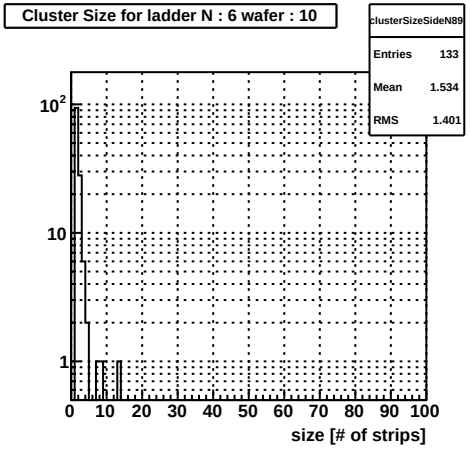

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 121
Mean 1.339
RMS 0.5538
size [# of strips]

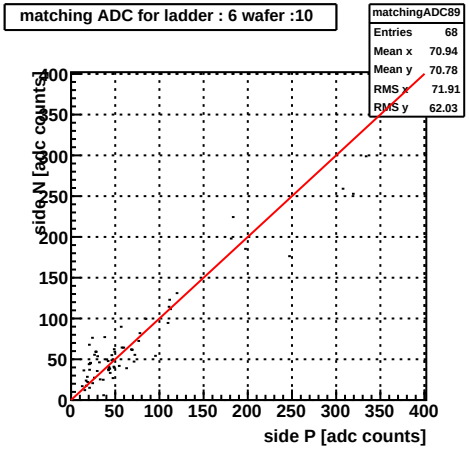

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 93
Mean x 71.67
Mean y 59.28
RMS x 54.98
RMS y 40.84
side N [adc counts]
side P [adc counts]

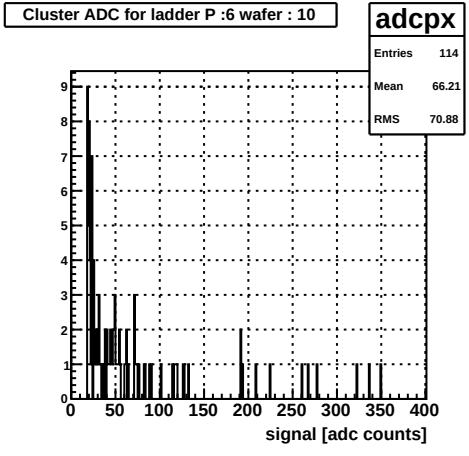

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 168
Mean 63.73
RMS 54.97
signal [adc counts]

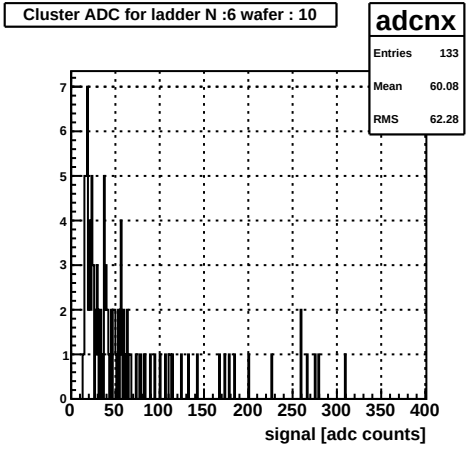

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 121
Mean 53.15
RMS 39.94
signal [adc counts]

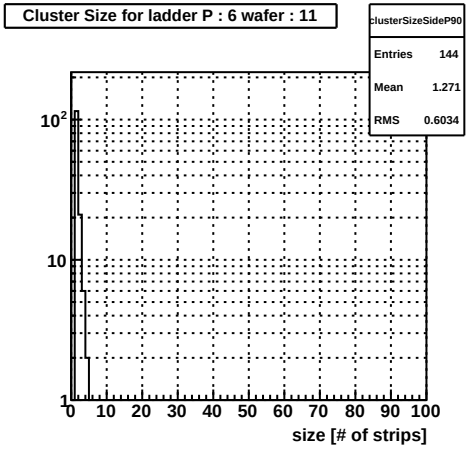

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 114
Mean 1.404
RMS 1.049
size [# of strips]

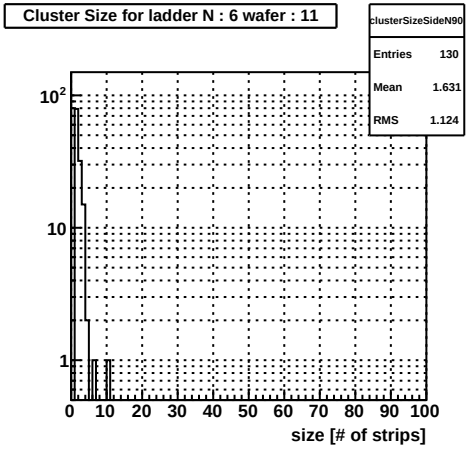

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 133
Mean 1.534
RMS 1.401
size [# of strips]

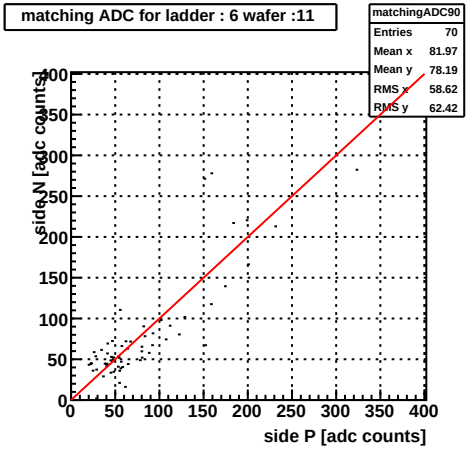

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 68
Mean x 70.94
Mean y 70.78
RMS x 71.91
RMS y 62.03
side N [adc counts]
side P [adc counts]

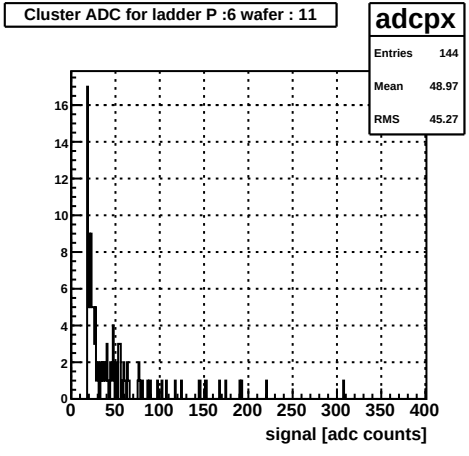

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 114
Mean 66.21
RMS 70.88
signal [adc counts]

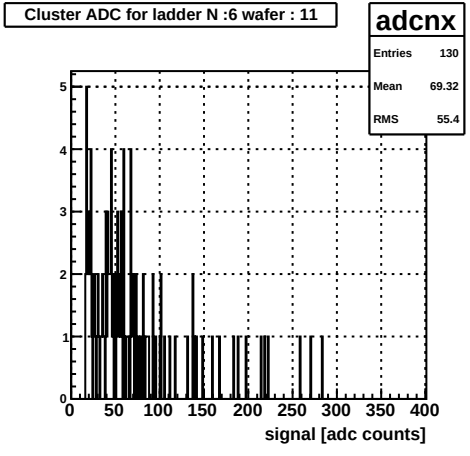

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 133
Mean 60.08
RMS 62.28
signal [adc counts]

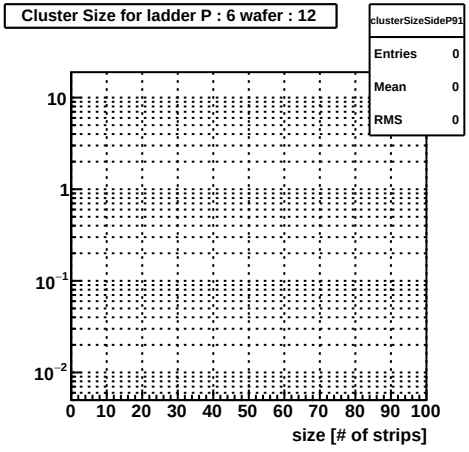

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 144
Mean 1.271
RMS 0.6034
size [# of strips]

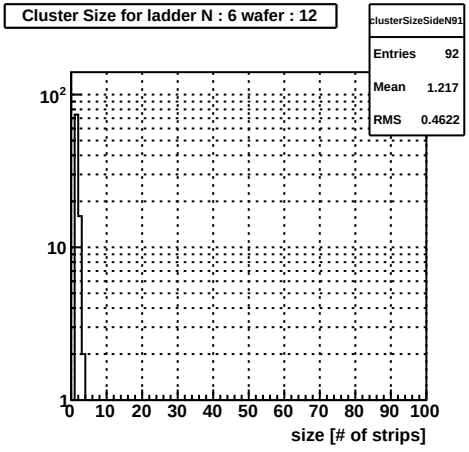

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 130
Mean 1.631
RMS 1.124
size [# of strips]

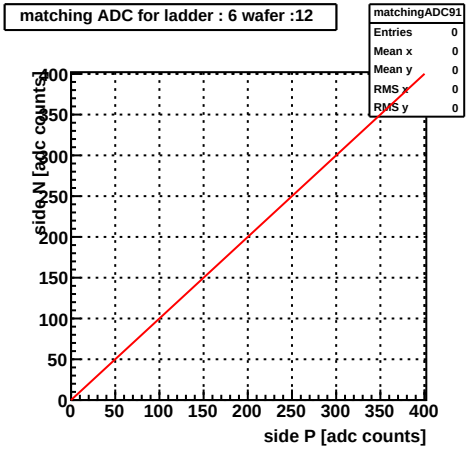

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 70
Mean x 81.97
Mean y 78.19
RMS x 58.62
RMS y 62.42
side N [adc counts]
side P [adc counts]

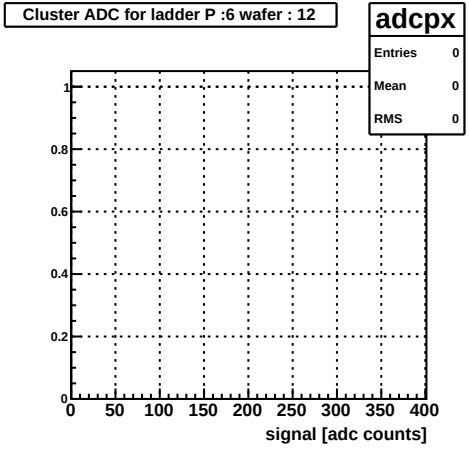

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 144
Mean 48.97
RMS 45.27
signal [adc counts]

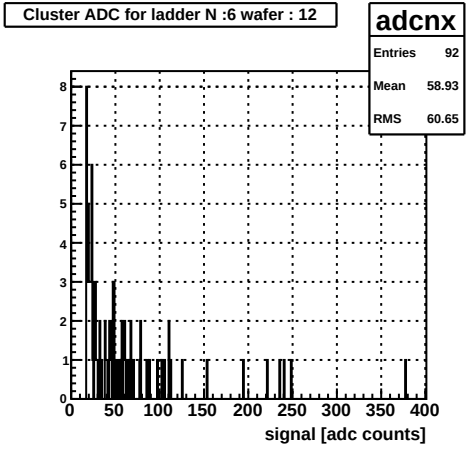

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 130
Mean 69.32
RMS 55.4
signal [adc counts]

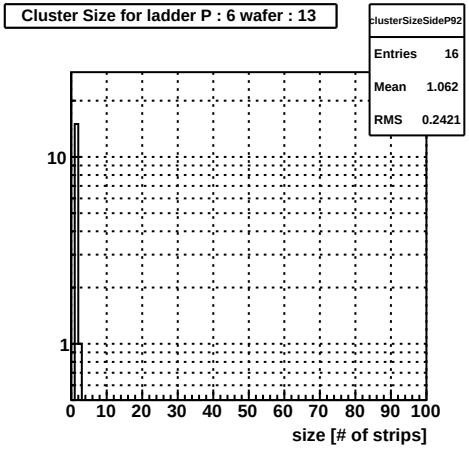

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 0
Mean 0
RMS 0
size [# of strips]

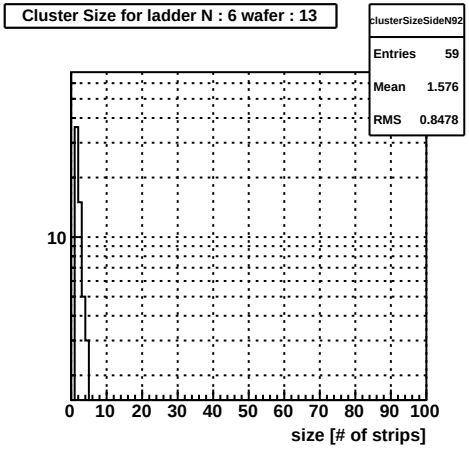

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 92
Mean 1.217
RMS 0.4622
size [# of strips]

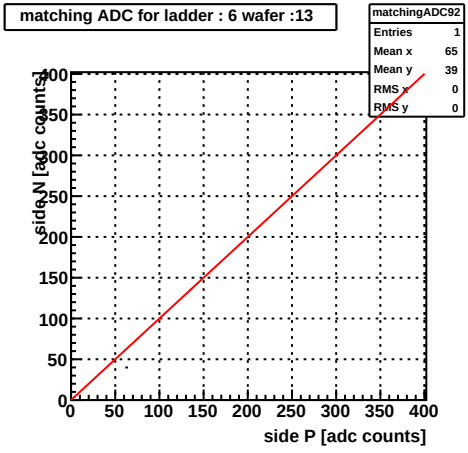

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

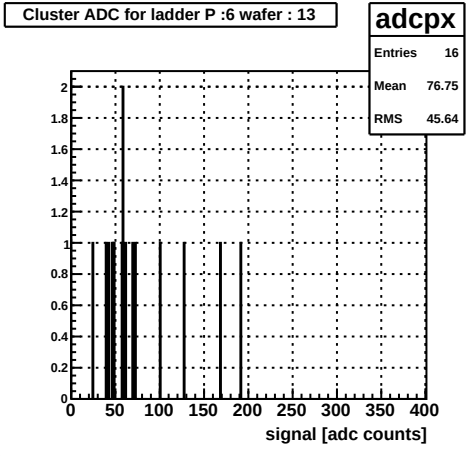

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

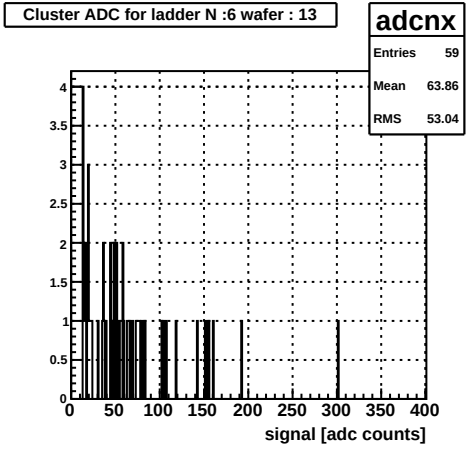

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 92
Mean 58.93
RMS 60.65
signal [adc counts]

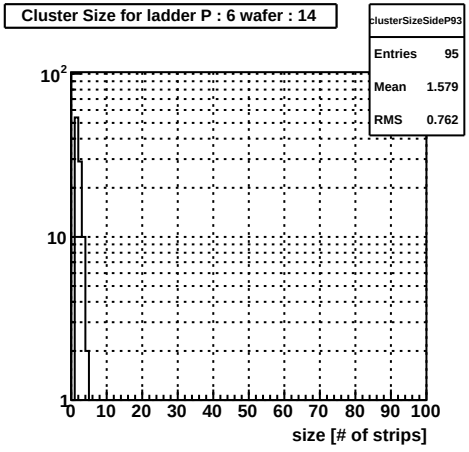

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 16
Mean 1.062
RMS 0.2421
size [# of strips]

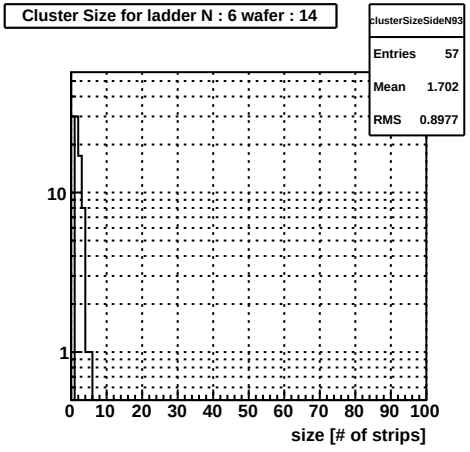

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 59
Mean 1.576
RMS 0.8478
size [# of strips]

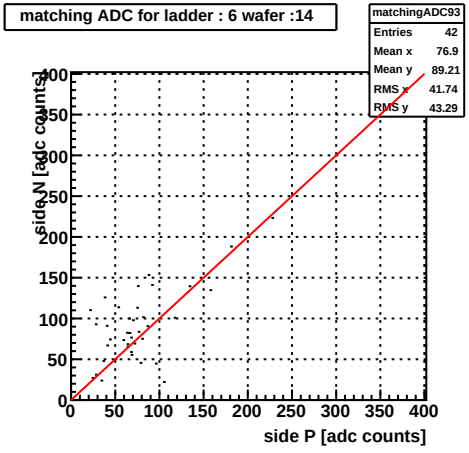

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 1
Mean x 65
Mean y 39
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

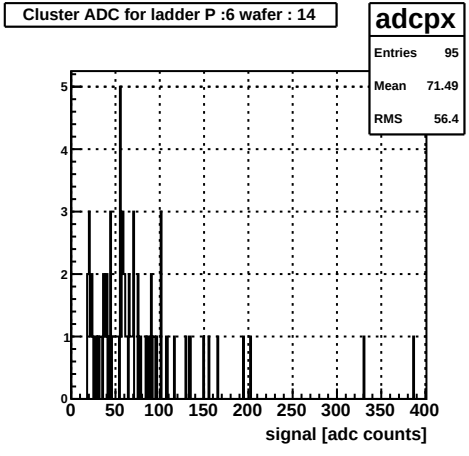

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 16
Mean 76.75
RMS 45.64
signal [adc counts]

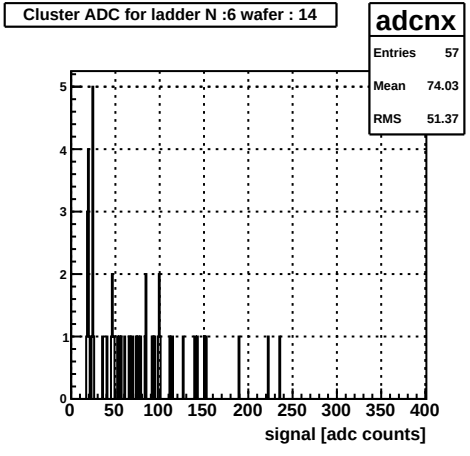

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 59
Mean 63.86
RMS 53.04
signal [adc counts]

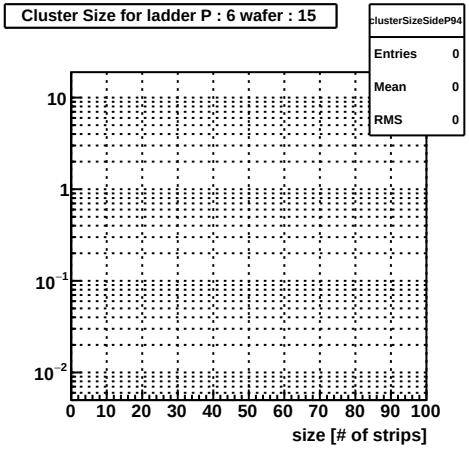

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 95
Mean 1.579
RMS 0.762
size [# of strips]

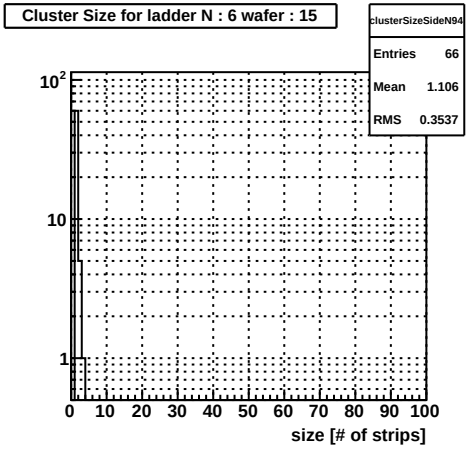

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 57
Mean 1.702
RMS 0.8977
size [# of strips]

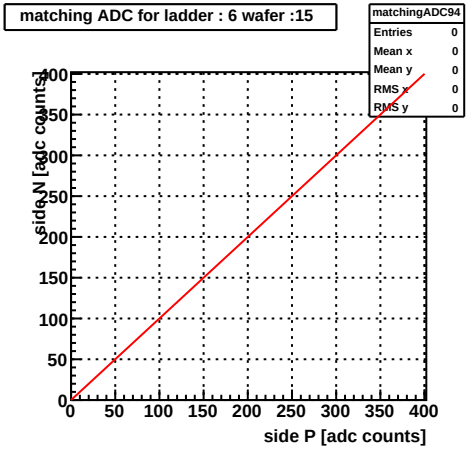

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 42
Mean x 76.9
Mean y 89.21
RMS x 41.74
RMS y 43.29
side N [adc counts]
side P [adc counts]

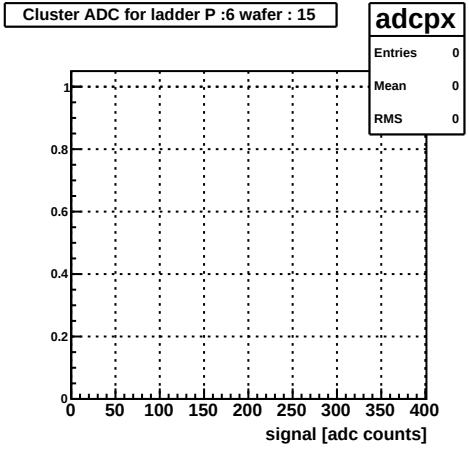

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 95
Mean 71.49
RMS 56.4
signal [adc counts]

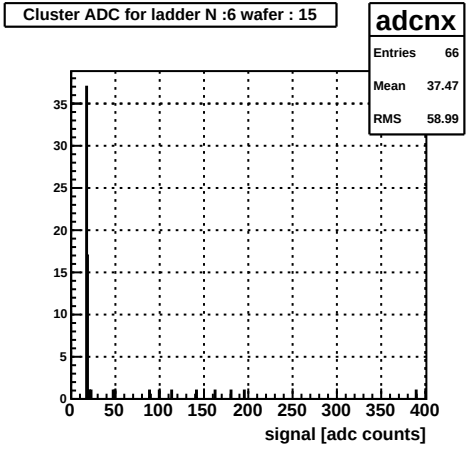

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 57
Mean 74.03
RMS 51.37
signal [adc counts]

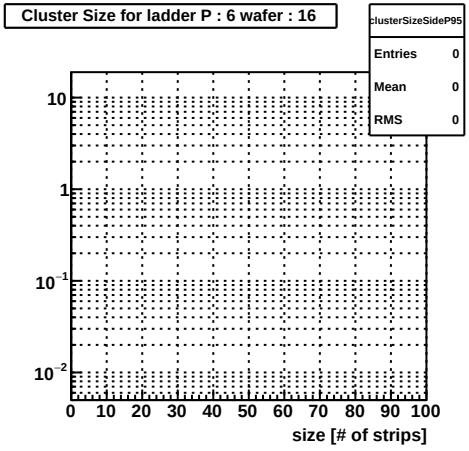

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

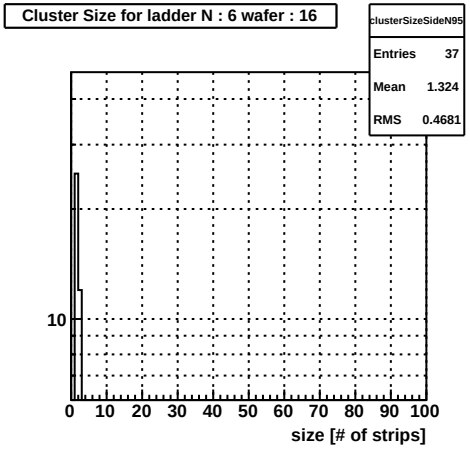

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 66
Mean 1.106
RMS 0.3537
size [# of strips]

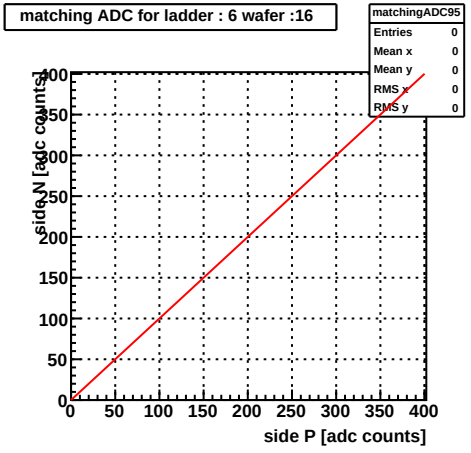

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

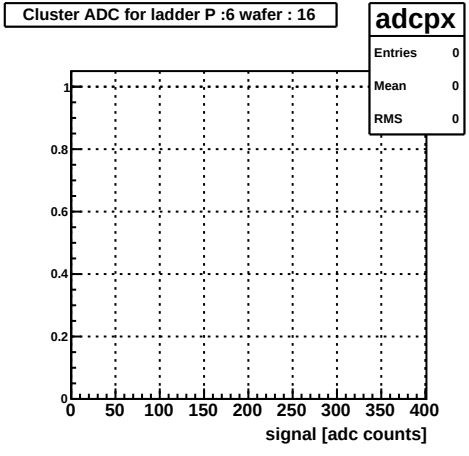

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

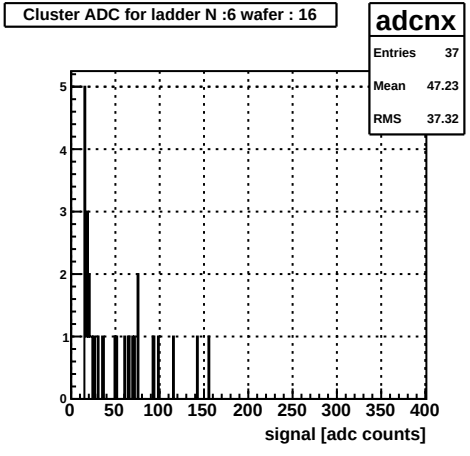

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 66
Mean 37.47
RMS 58.99
signal [adc counts]

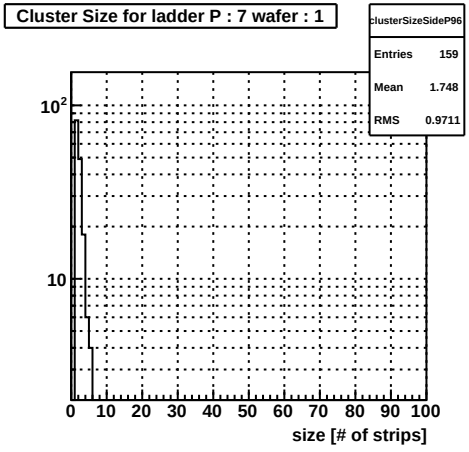

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

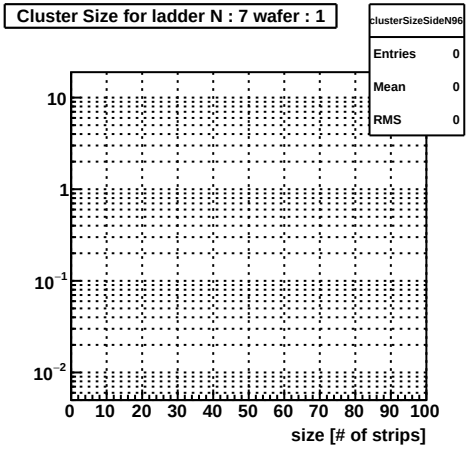

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 37
Mean 1.324
RMS 0.4681
size [# of strips]

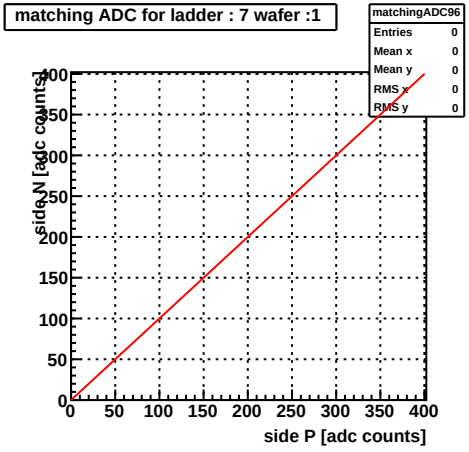

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

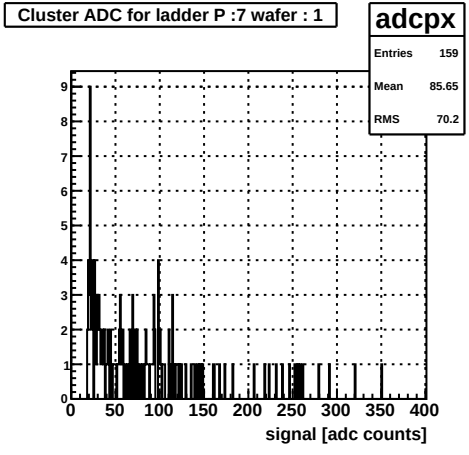

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

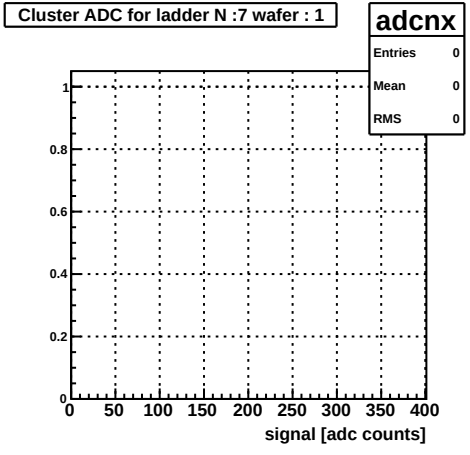

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 37
Mean 47.23
RMS 37.32
signal [adc counts]

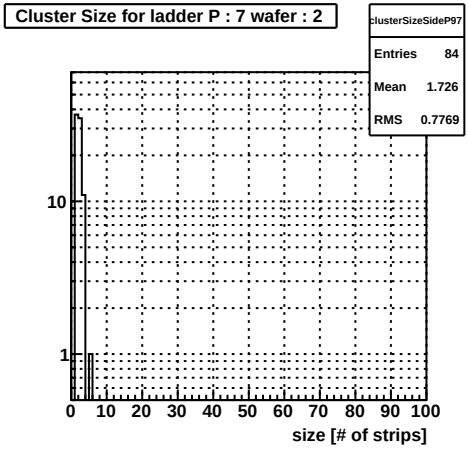

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 159
Mean 1.748
RMS 0.9711
size [# of strips]

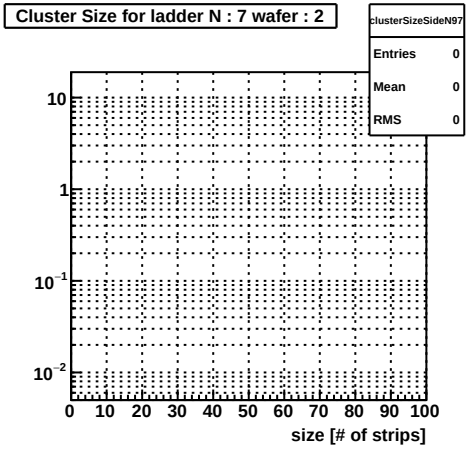

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

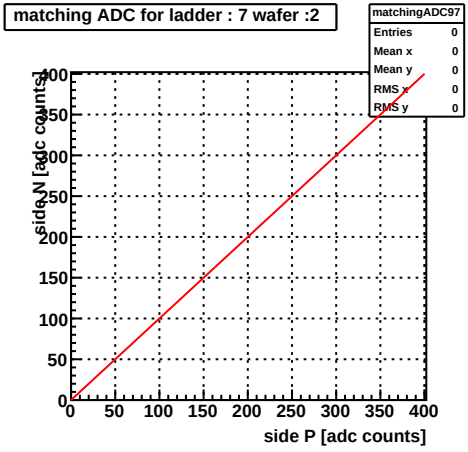

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

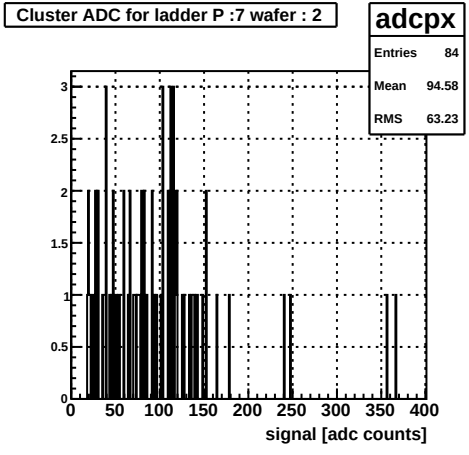

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 159
Mean 85.65
RMS 70.2
signal [adc counts]

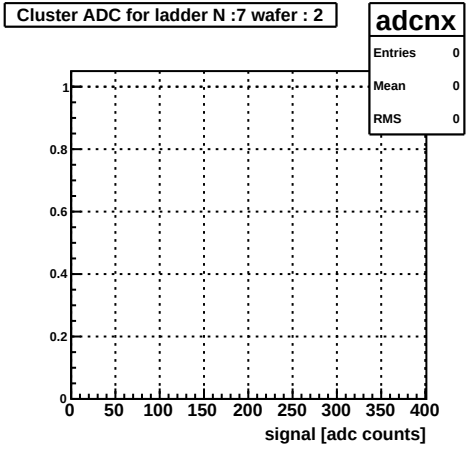

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

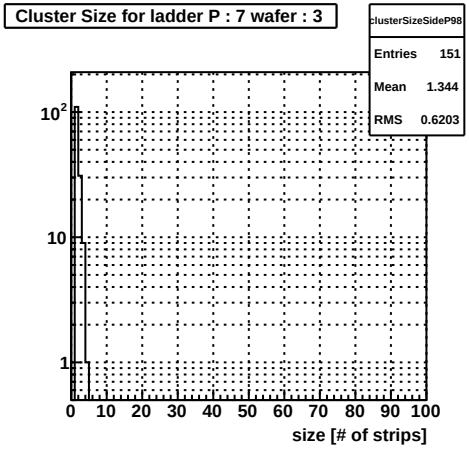

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 84
Mean 1.726
RMS 0.7769
size [# of strips]

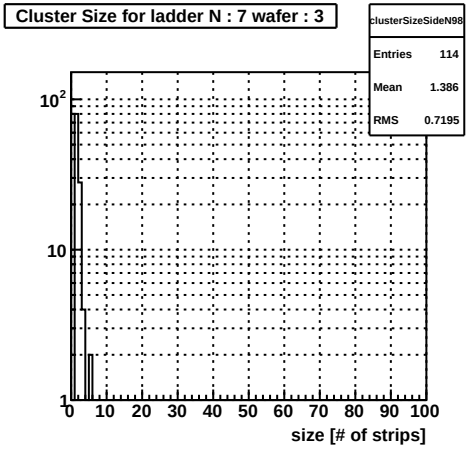

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

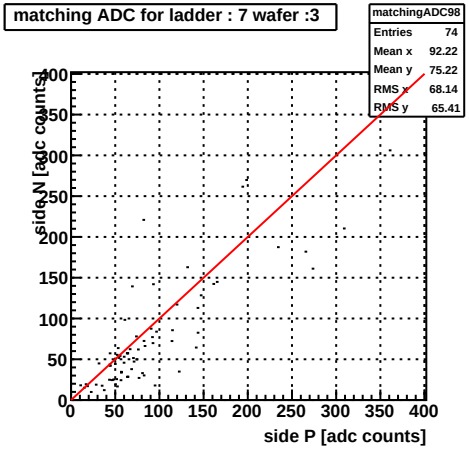

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

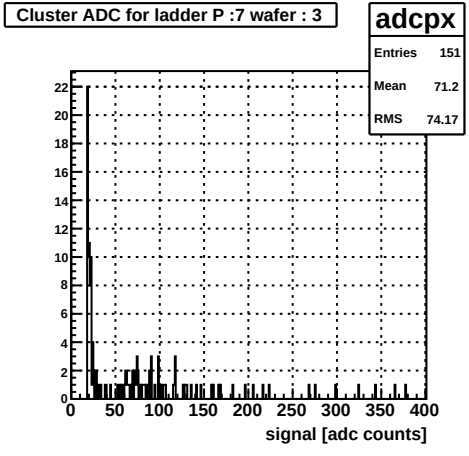

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 84
Mean 94.58
RMS 63.23
signal [adc counts]

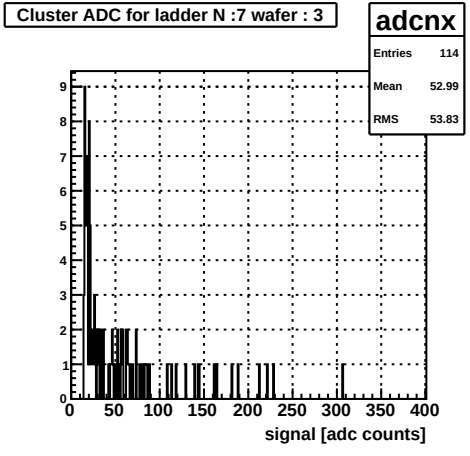

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

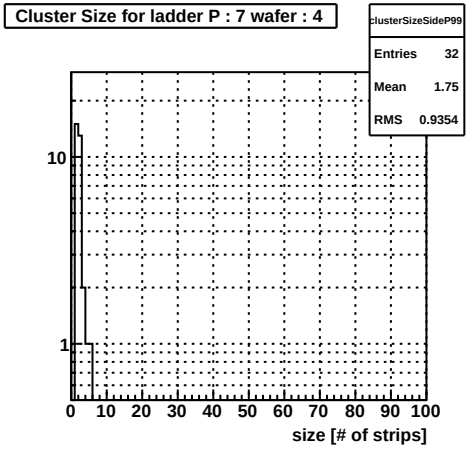

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 151
Mean 1.344
RMS 0.6203
size [# of strips]

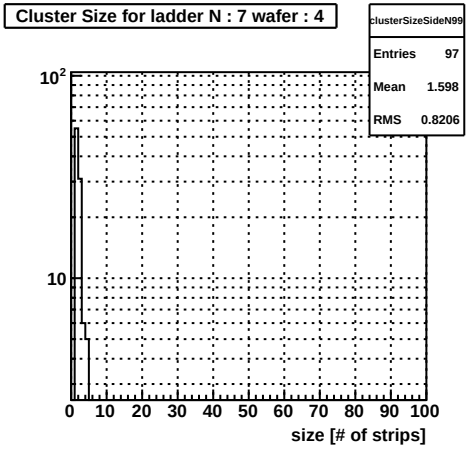

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 114
Mean 1.386
RMS 0.7195
size [# of strips]

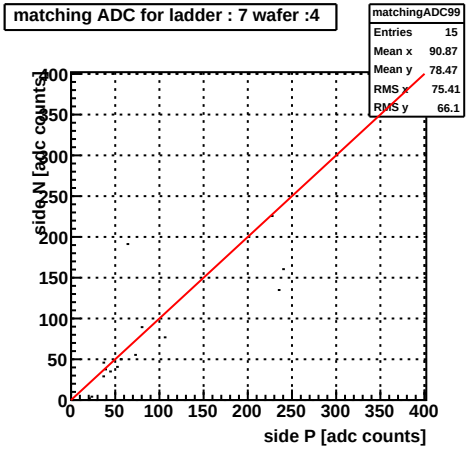

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 74
Mean x 92.22
Mean y 75.22
RMS x 68.14
RMS y 65.41
side N [adc counts]
side P [adc counts]

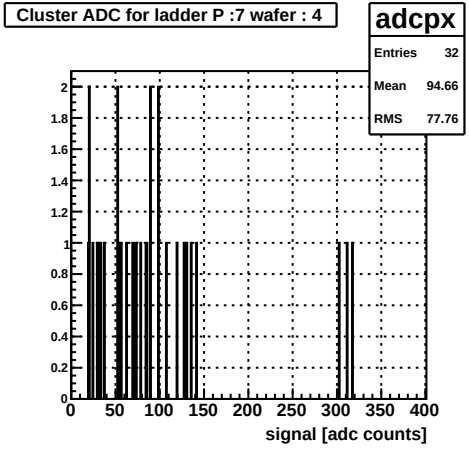

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 151
Mean 71.2
RMS 74.17
signal [adc counts]

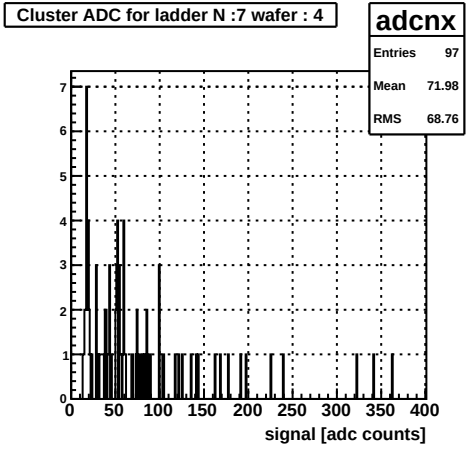

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 114
Mean 52.99
RMS 53.83
signal [adc counts]

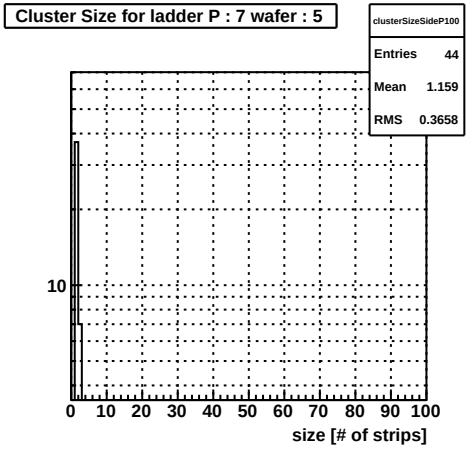

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 32
Mean 1.75
RMS 0.9354
size [# of strips]

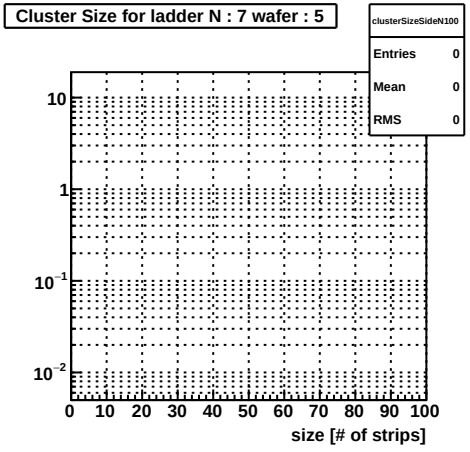

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 97
Mean 1.598
RMS 0.8206
size [# of strips]

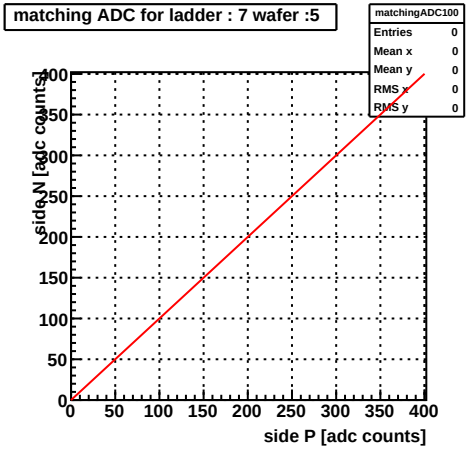

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 15
Mean x 90.87
Mean y 78.47
RMS x 75.41
RMS y 66.1
side N [adc counts]
side P [adc counts]

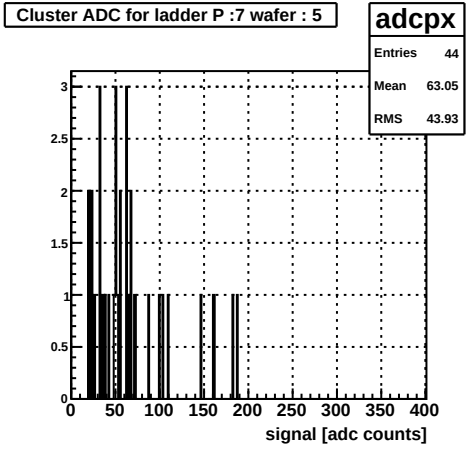

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 32
Mean 94.66
RMS 77.76
signal [adc counts]

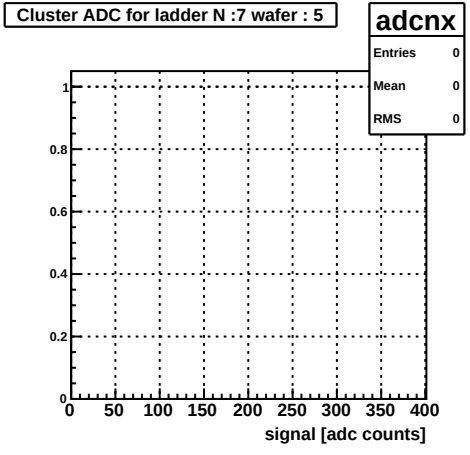

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 97
Mean 71.98
RMS 68.76
signal [adc counts]

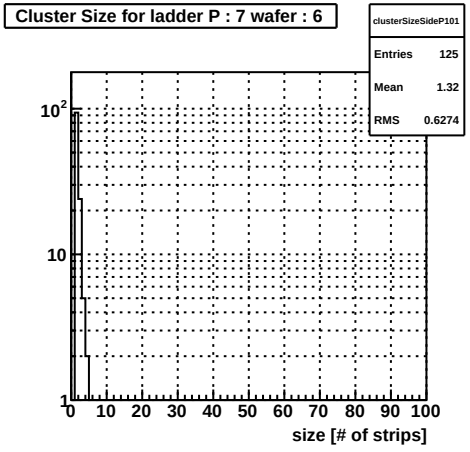

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 44
Mean 1.159
RMS 0.3658
size [# of strips]

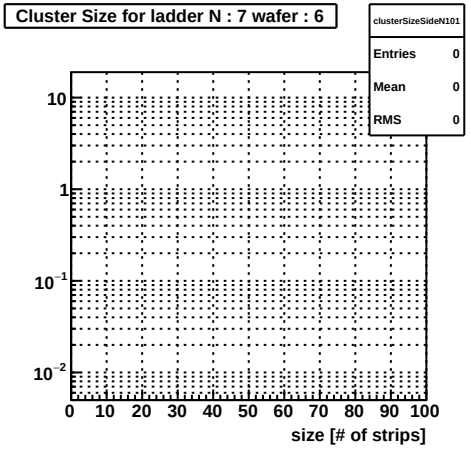

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

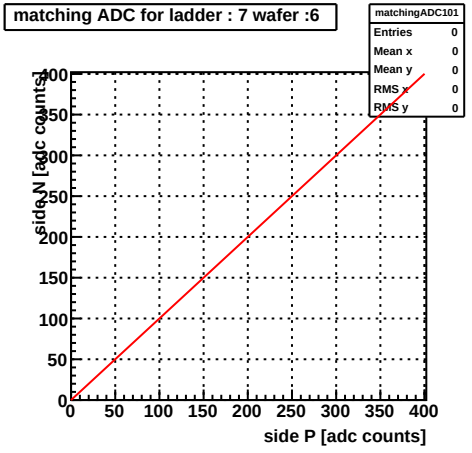

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

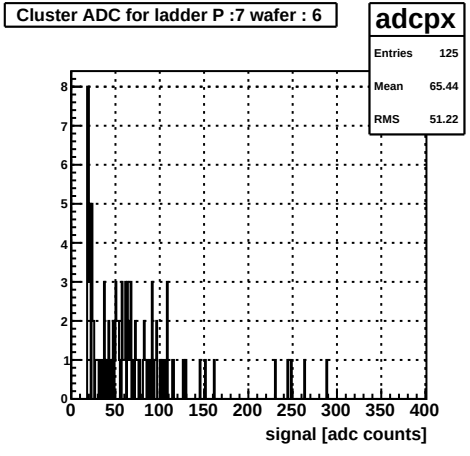

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 44
Mean 63.05
RMS 43.93
signal [adc counts]

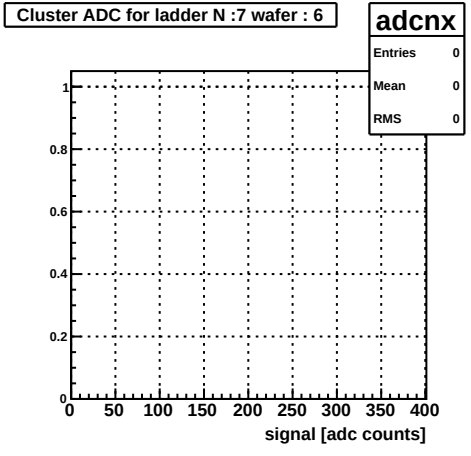

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

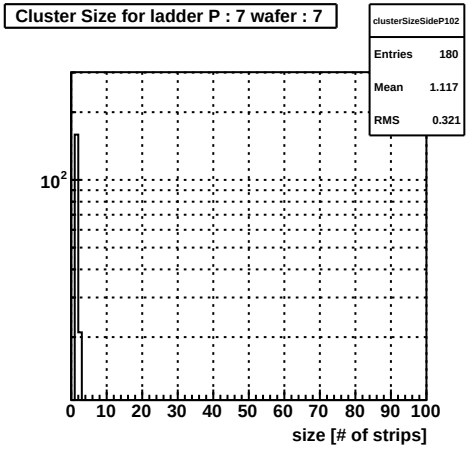

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 125
Mean 1.32
RMS 0.6274
size [# of strips]

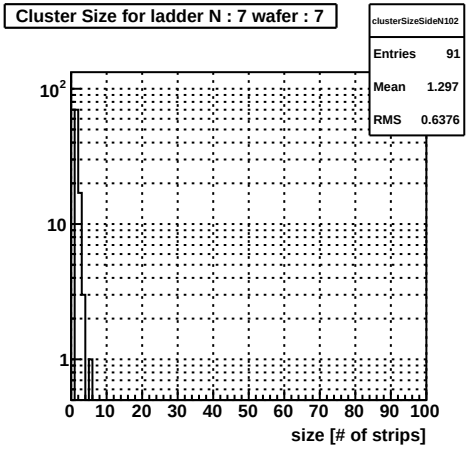

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

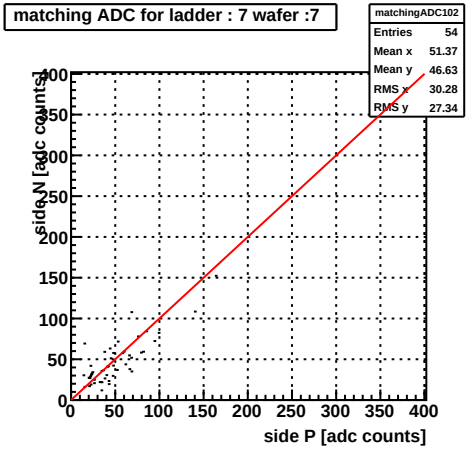

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

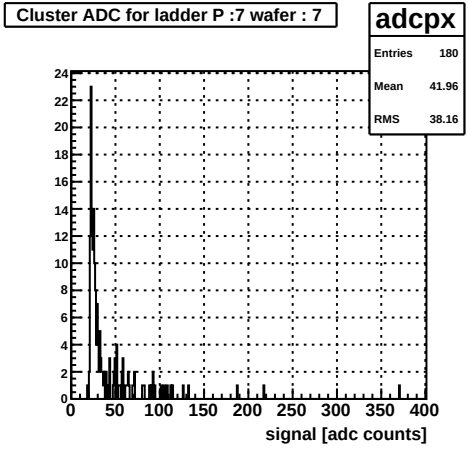

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 125
Mean 65.44
RMS 51.22
signal [adc counts]

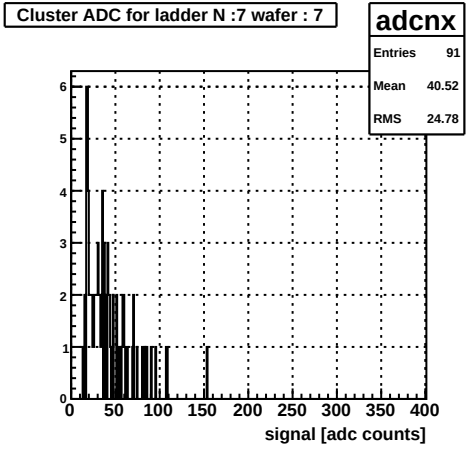

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

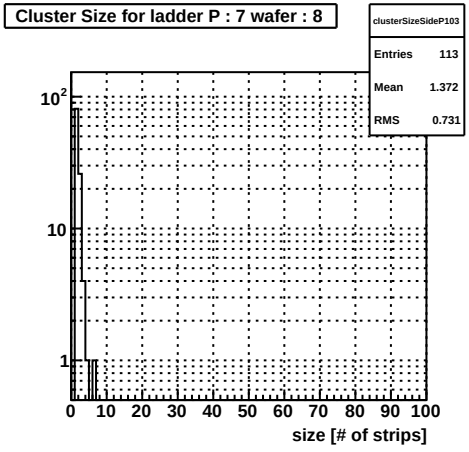

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 180
Mean 1.117
RMS 0.321
size [# of strips]

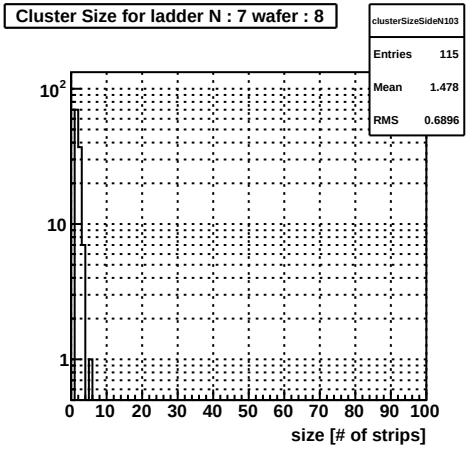

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 91
Mean 1.297
RMS 0.6376
size [# of strips]

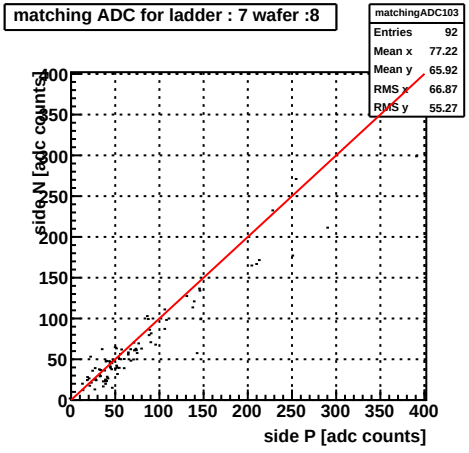

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 54
Mean x 51.37
Mean y 46.63
RMS x 30.28
RMS y 27.34
side N [adc counts]
side P [adc counts]

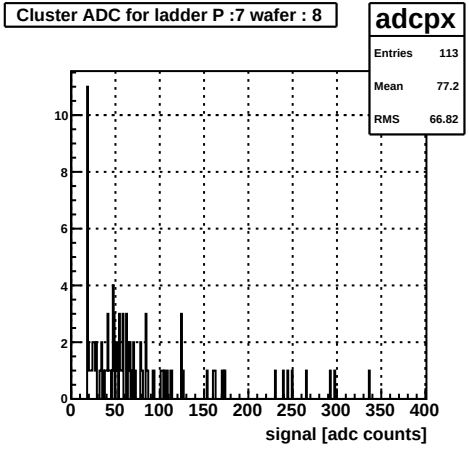

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 180
Mean 41.96
RMS 38.16
signal [adc counts]

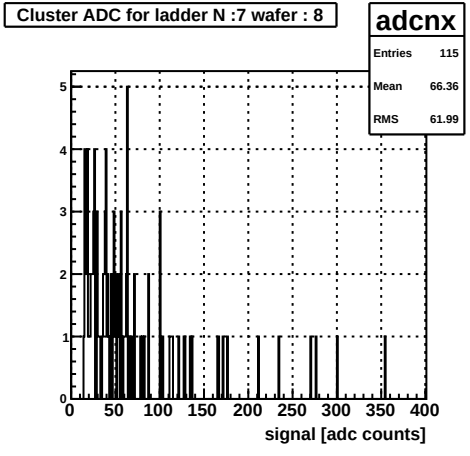

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 91
Mean 40.52
RMS 24.78
signal [adc counts]

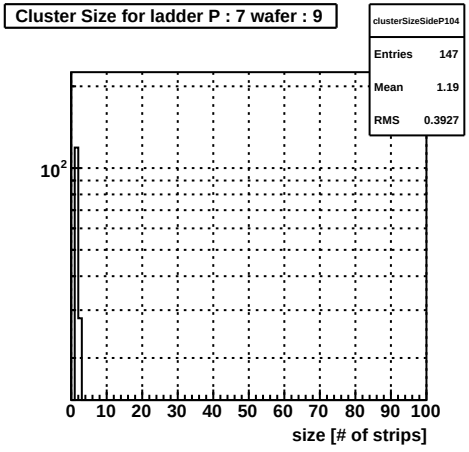

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 113
Mean 1.372
RMS 0.731
size [# of strips]

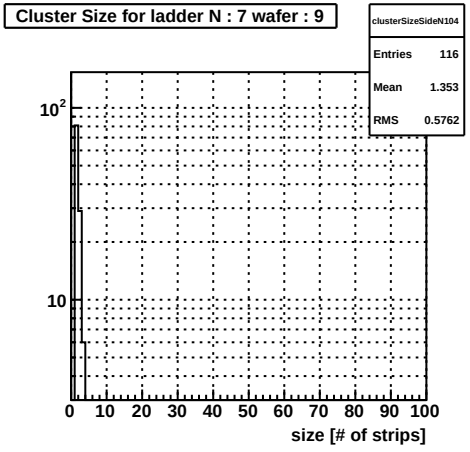

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 115
Mean 1.478
RMS 0.6896
size [# of strips]

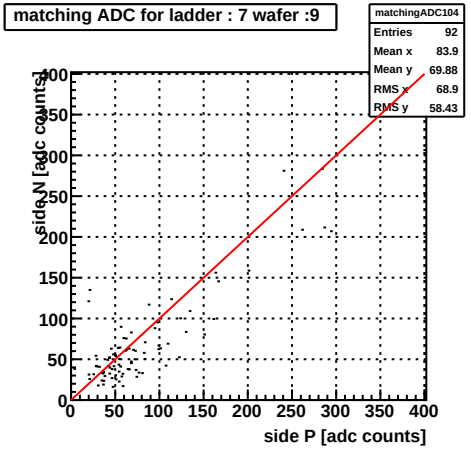

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 92
Mean x 77.22
Mean y 65.92
RMS x 66.87
RMS y 55.27
side N [adc counts]
side P [adc counts]

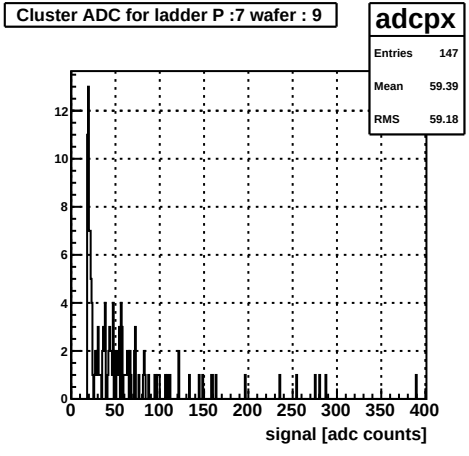

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 113
Mean 77.2
RMS 66.82
signal [adc counts]

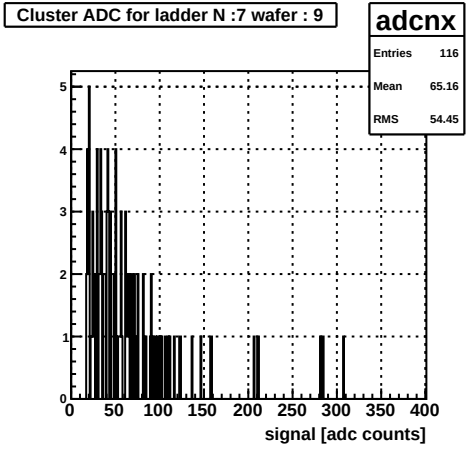

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 115
Mean 66.36
RMS 61.99
signal [adc counts]

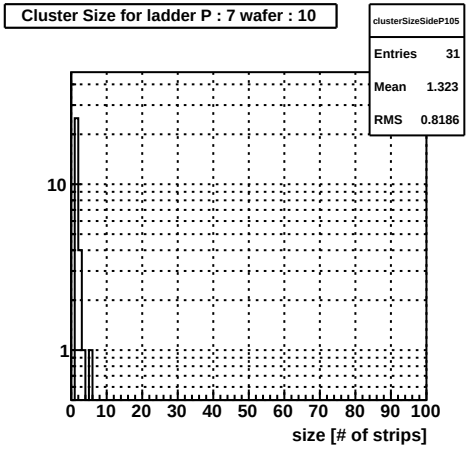

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 147
Mean 1.19
RMS 0.3927
size [# of strips]

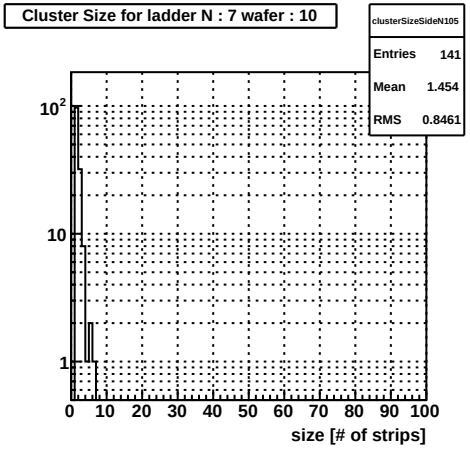

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 116
Mean 1.353
RMS 0.5762
size [# of strips]

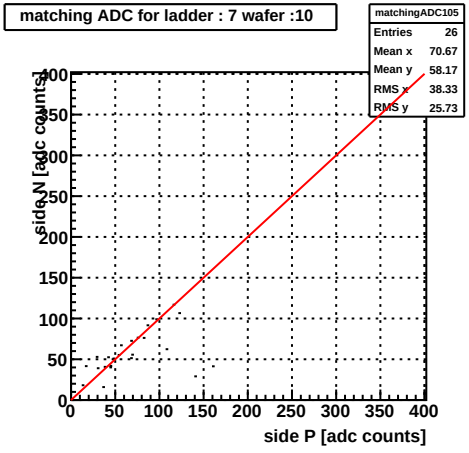

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 92
Mean x 83.9
Mean y 69.88
RMS x 68.9
RMS y 58.43
side N [adc counts]
side P [adc counts]

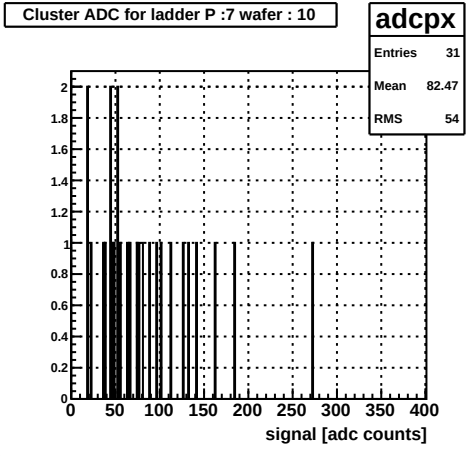

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 147
Mean 59.39
RMS 59.18
signal [adc counts]

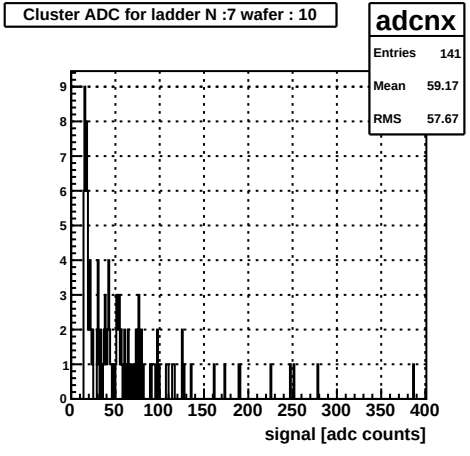

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 116
Mean 65.16
RMS 54.45
signal [adc counts]

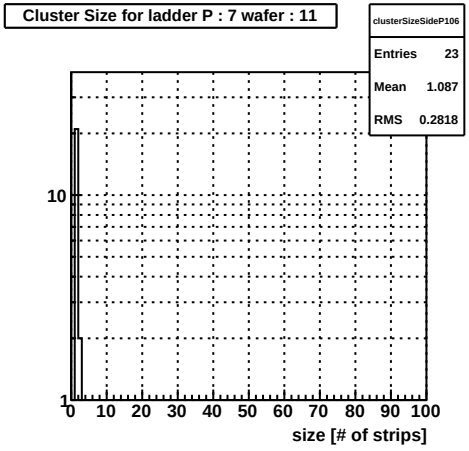

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 31
Mean 1.323
RMS 0.8186
size [# of strips]

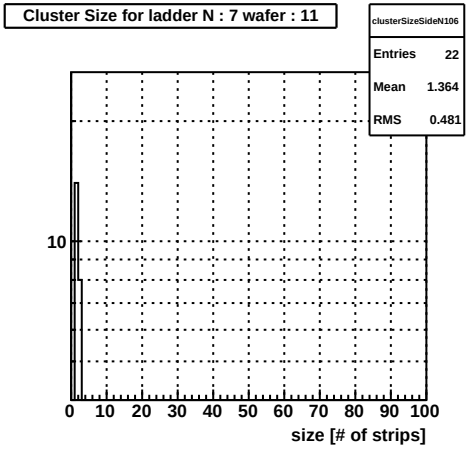

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 141
Mean 1.454
RMS 0.8461
size [# of strips]

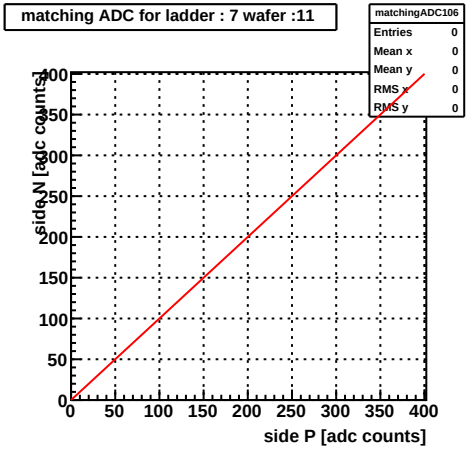

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 26
Mean x 70.67
Mean y 58.17
RMS x 38.33
RMS y 25.73
side N [adc counts]
side P [adc counts]

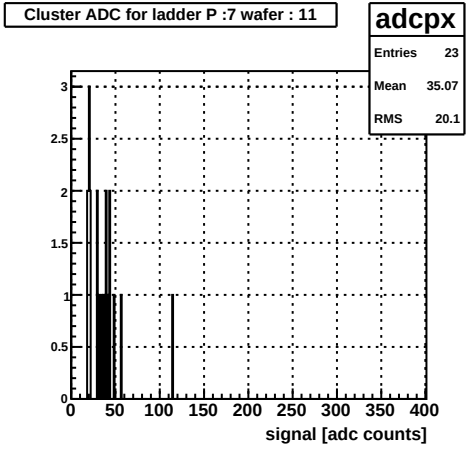

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 31
Mean 82.47
RMS 54
signal [adc counts]

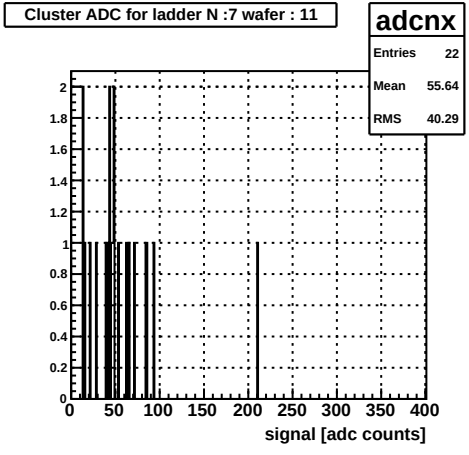

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 141
Mean 59.17
RMS 57.67
signal [adc counts]

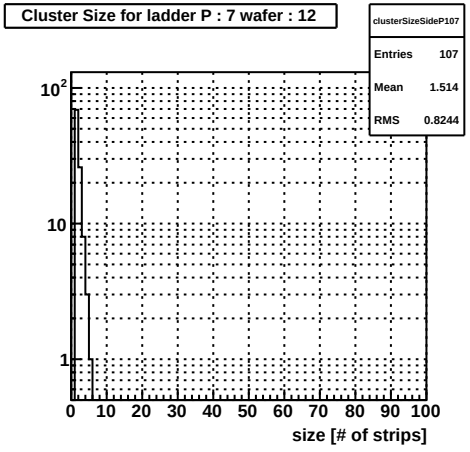

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 23
Mean 1.087
RMS 0.2818
size [# of strips]

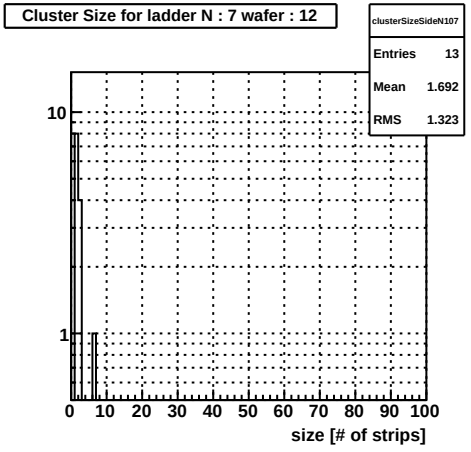

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 22
Mean 1.364
RMS 0.481
size [# of strips]

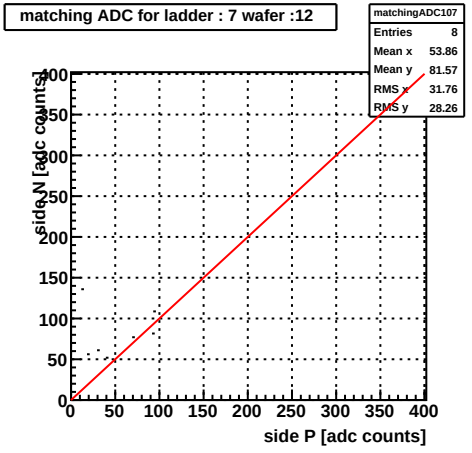

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

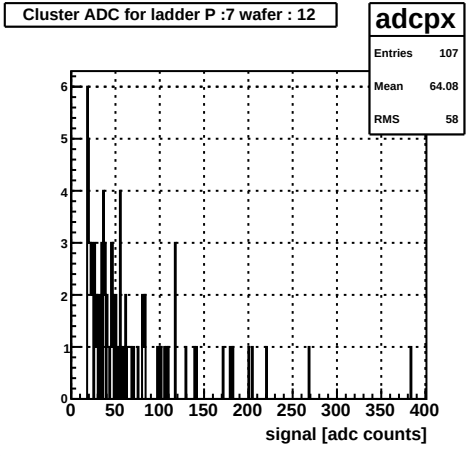

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 23
Mean 35.07
RMS 20.1
signal [adc counts]

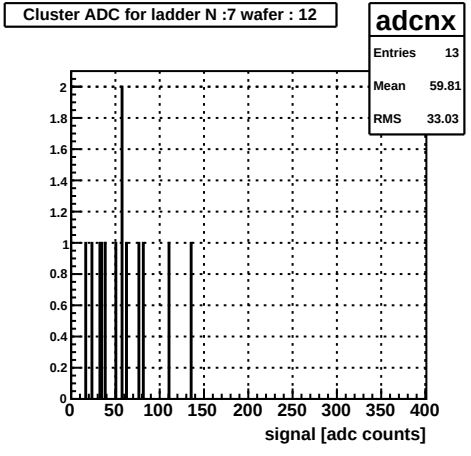

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 22
Mean 55.64
RMS 40.29
signal [adc counts]

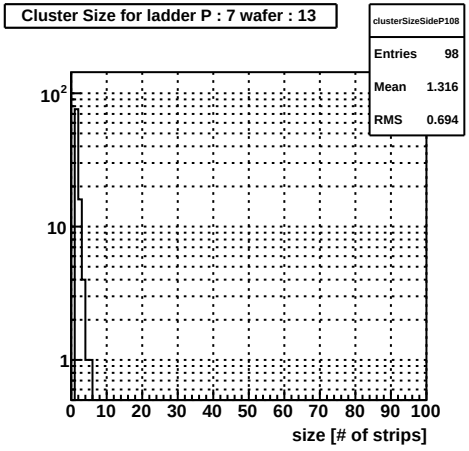

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 107
Mean 1.514
RMS 0.8244
size [# of strips]

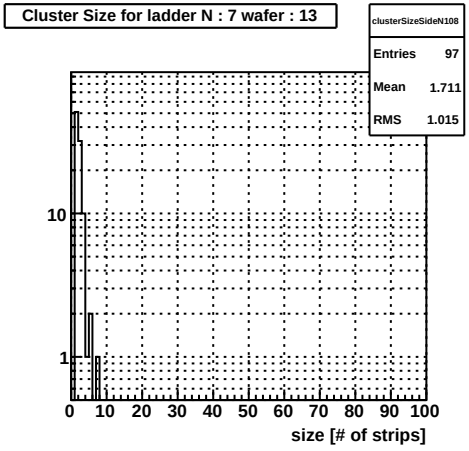

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 13
Mean 1.692
RMS 1.323
size [# of strips]

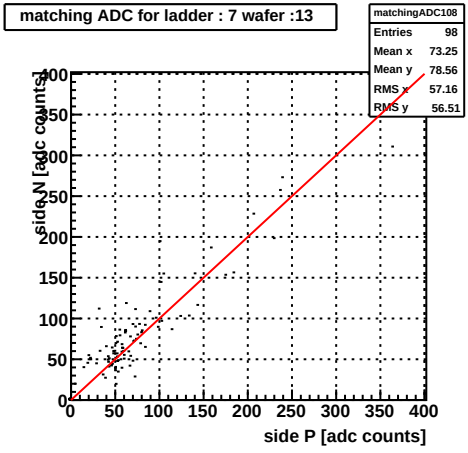

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 8
Mean x 53.86
Mean y 81.57
RMS x 31.76
RMS y 28.26
side N [adc counts]
side P [adc counts]

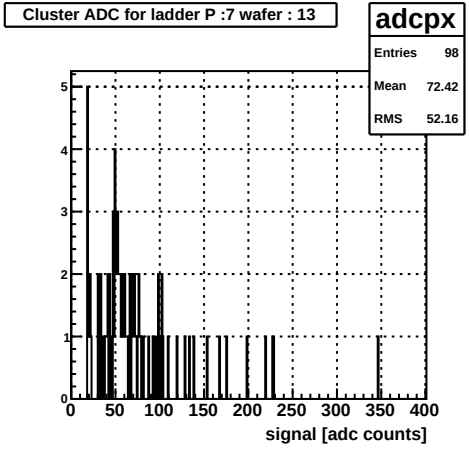

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 107
Mean 64.08
RMS 58
signal [adc counts]

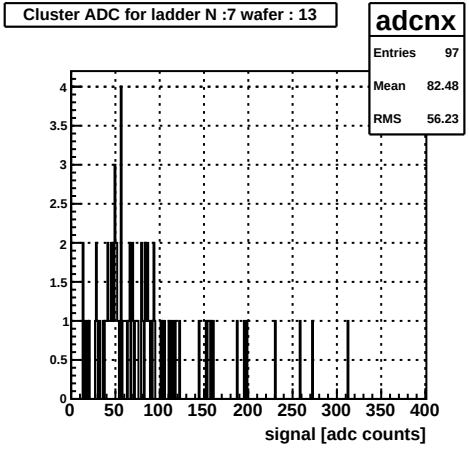

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 13
Mean 59.81
RMS 33.03
signal [adc counts]

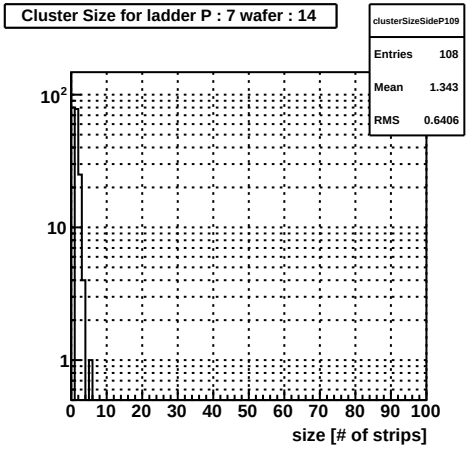

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 98
Mean 1.316
RMS 0.694
size [# of strips]

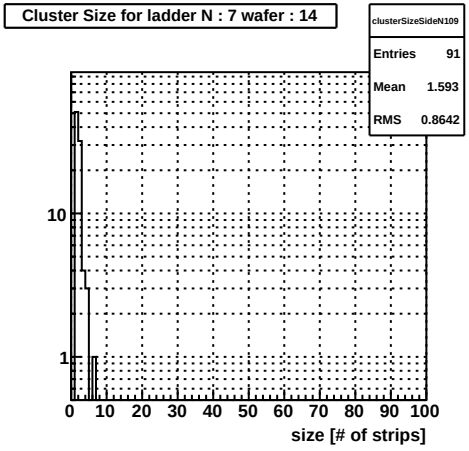

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 97
Mean 1.711
RMS 1.015
size [# of strips]

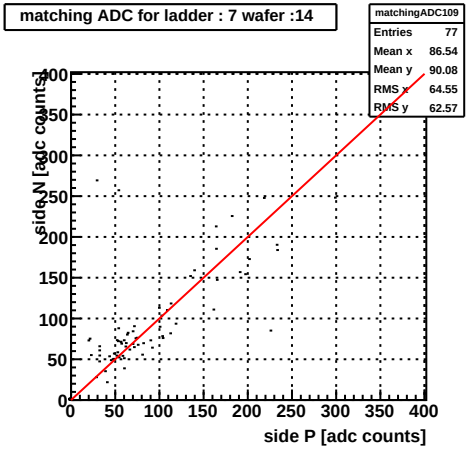

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 98
Mean x 73.25
Mean y 78.56
RMS x 57.16
RMS y 56.51
side N [adc counts]
side P [adc counts]

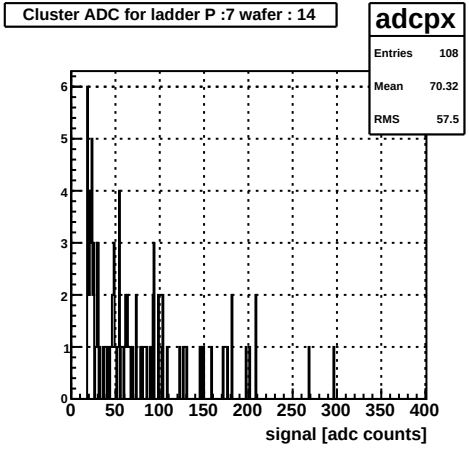

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 98
Mean 72.42
RMS 52.16
signal [adc counts]

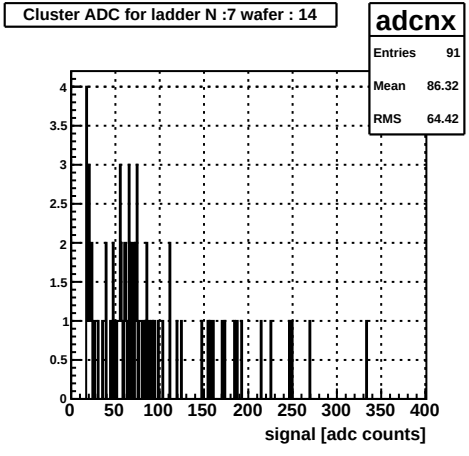

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 97
Mean 82.48
RMS 56.23
signal [adc counts]

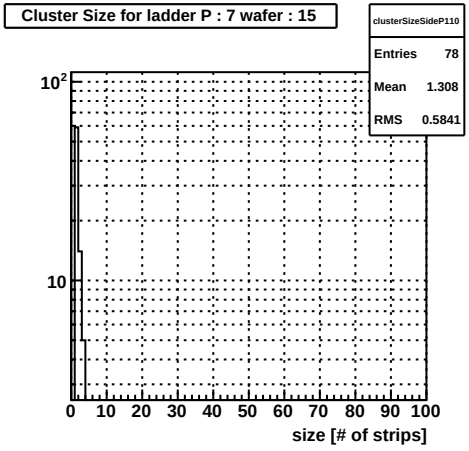

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 108
Mean 1.343
RMS 0.6406
size [# of strips]

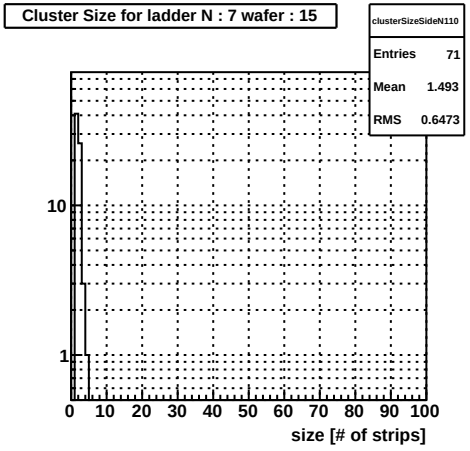

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 91
Mean 1.593
RMS 0.8642
size [# of strips]

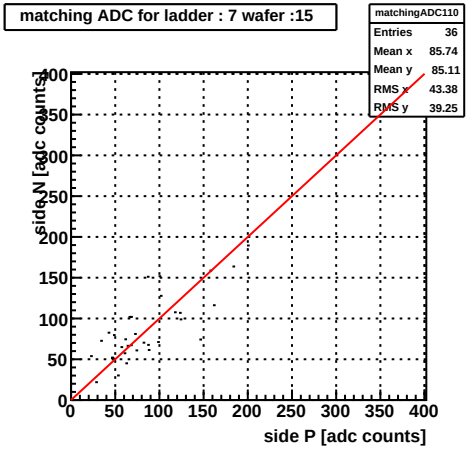

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 77
Mean x 86.54
Mean y 90.08
RMS x 64.55
RMS y 62.57
side N [adc counts]
side P [adc counts]

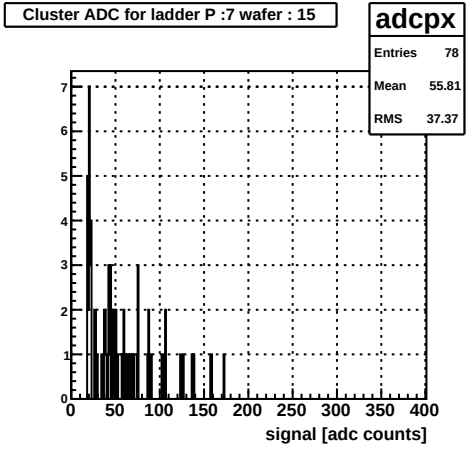

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 108
Mean 70.32
RMS 57.5
signal [adc counts]

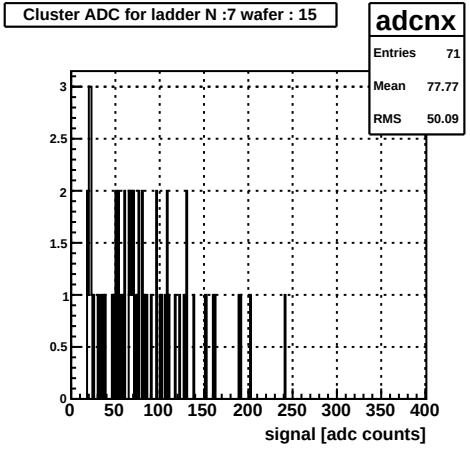

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 91
Mean 86.32
RMS 64.42
signal [adc counts]

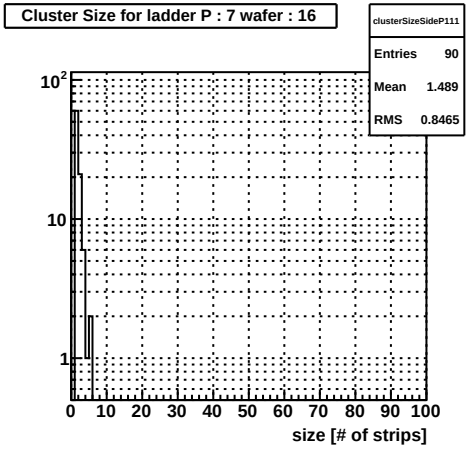

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 78
Mean 1.308
RMS 0.5841
size [# of strips]

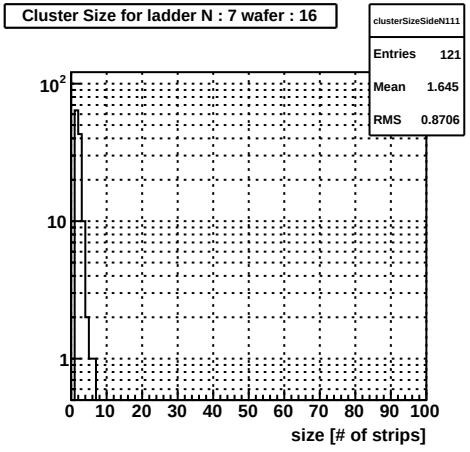

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 71
Mean 1.493
RMS 0.6473
size [# of strips]

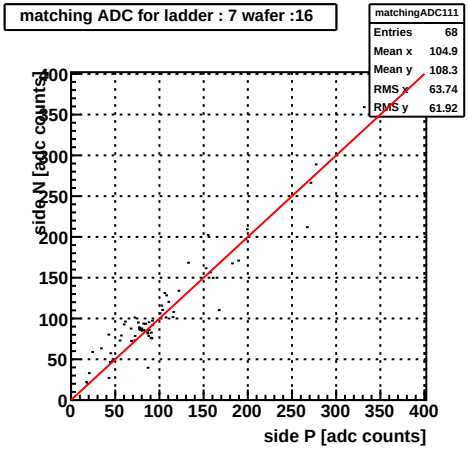

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 36
Mean x 85.74
Mean y 85.11
RMS x 43.38
RMS y 39.25
side N [adc counts]
side P [adc counts]

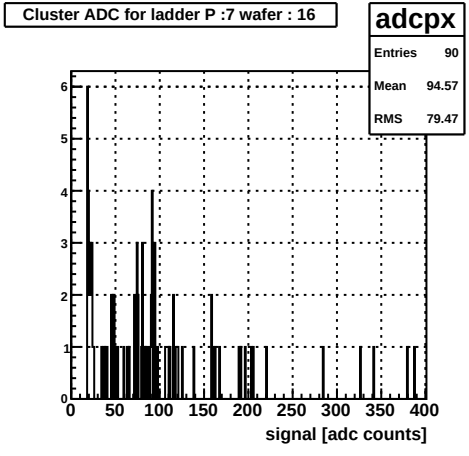

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 78
Mean 55.81
RMS 37.37
signal [adc counts]

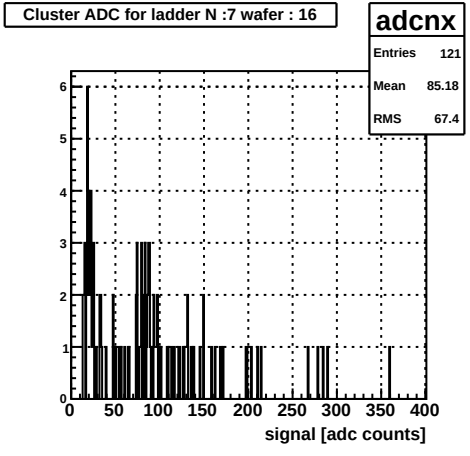

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 71
Mean 77.77
RMS 50.09
signal [adc counts]

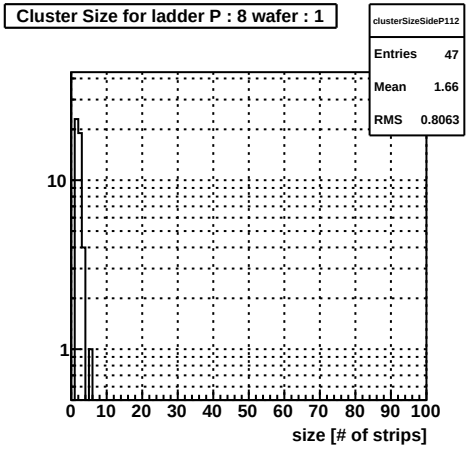

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 90
Mean 1.489
RMS 0.8465
size [# of strips]

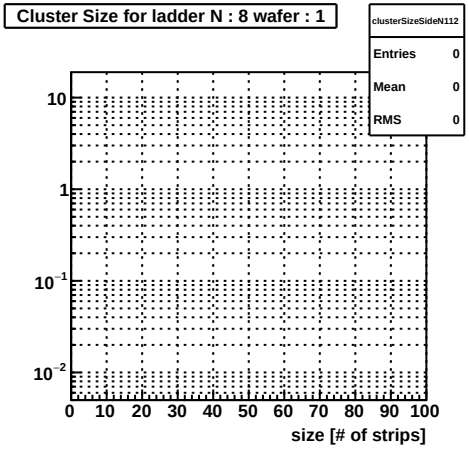

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 121
Mean 1.645
RMS 0.8706
size [# of strips]

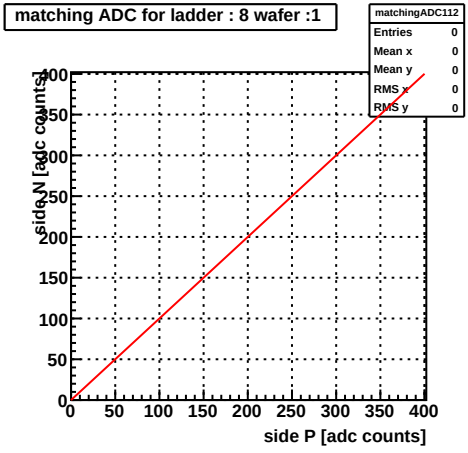

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 68
Mean x 104.9
Mean y 108.3
RMS x 63.74
RMS y 61.92
side N [adc counts]
side P [adc counts]

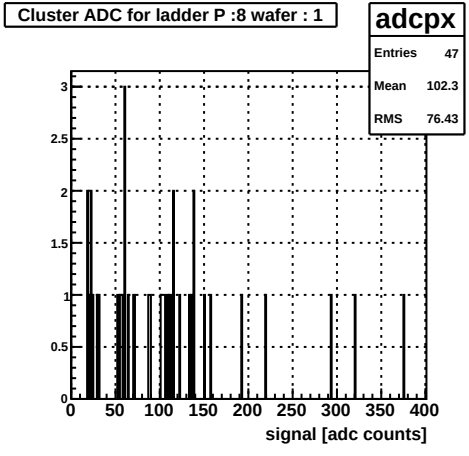

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 90
Mean 94.57
RMS 79.47
signal [adc counts]

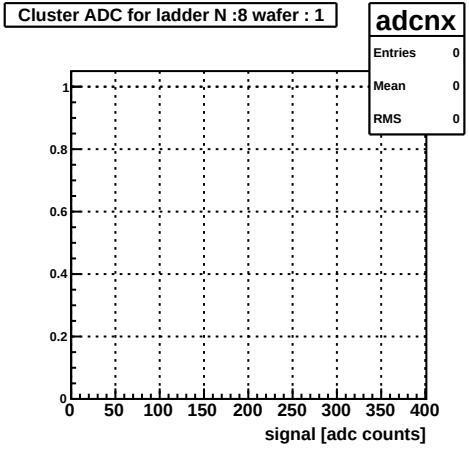

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 121
Mean 85.18
RMS 67.4
signal [adc counts]

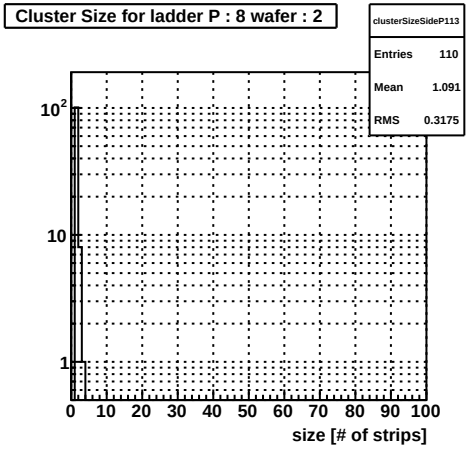

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 47
Mean 1.66
RMS 0.8063
size [# of strips]

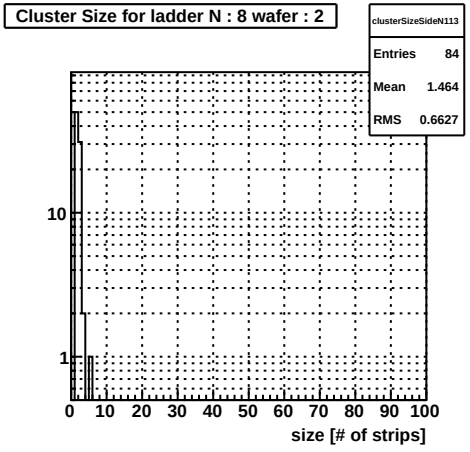

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

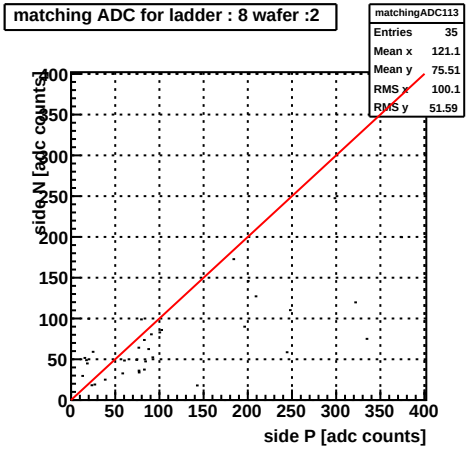

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

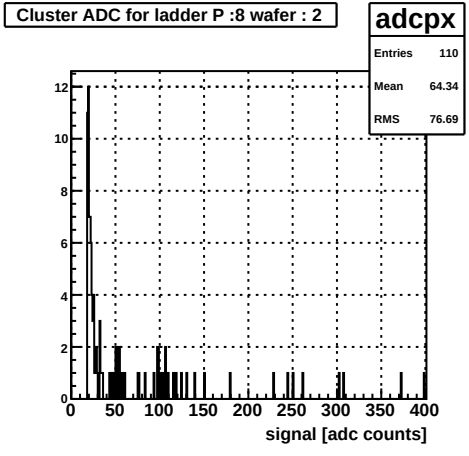

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 47
Mean 102.3
RMS 76.43
signal [adc counts]

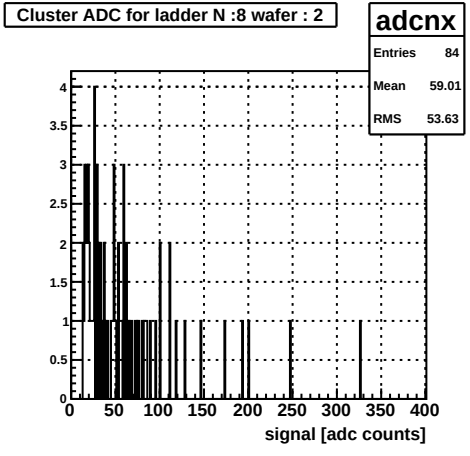

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

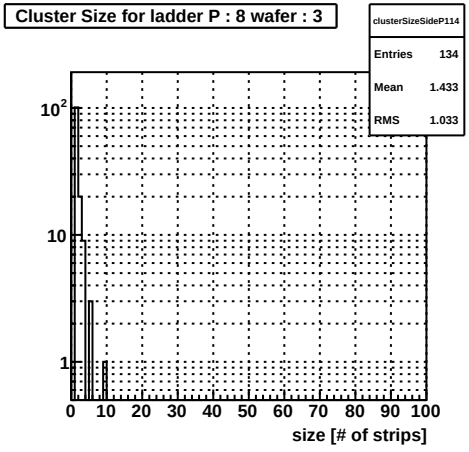

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 110
Mean 1.091
RMS 0.3175
size [# of strips]

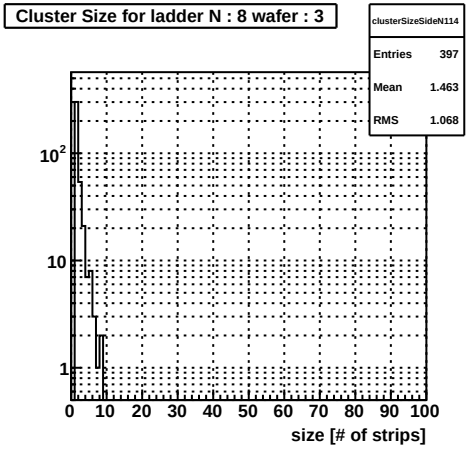

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 84
Mean 1.464
RMS 0.6627
size [# of strips]

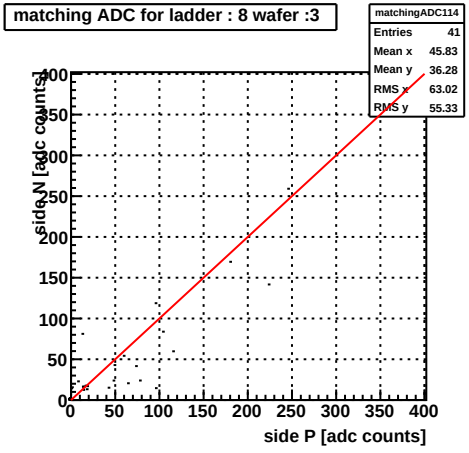

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 35
Mean x 121.1
Mean y 75.51
RMS x 100.1
RMS y 51.59
side N [adc counts]
side P [adc counts]

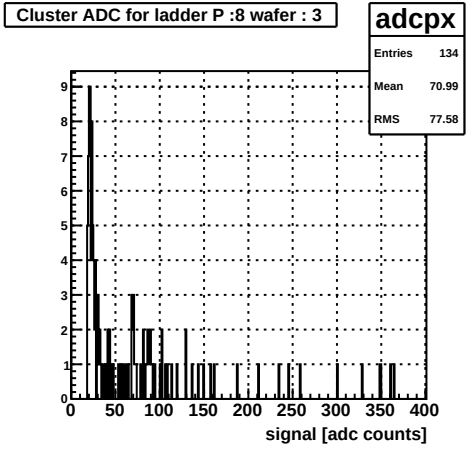

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 110
Mean 64.34
RMS 76.69
signal [adc counts]

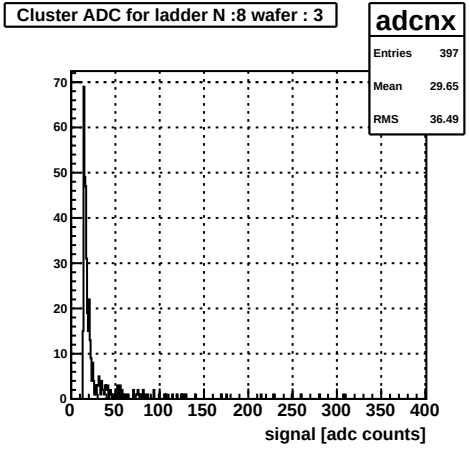

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 84
Mean 59.01
RMS 53.63
signal [adc counts]

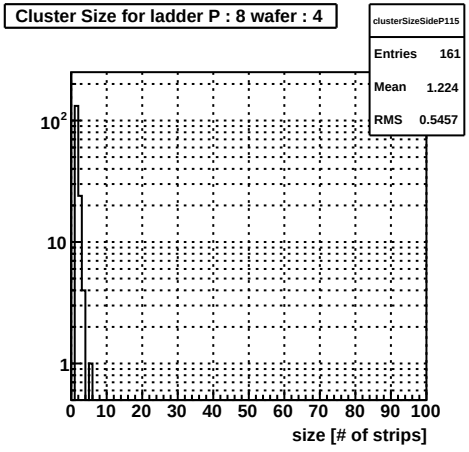

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 134
Mean 1.433
RMS 1.033
size [# of strips]

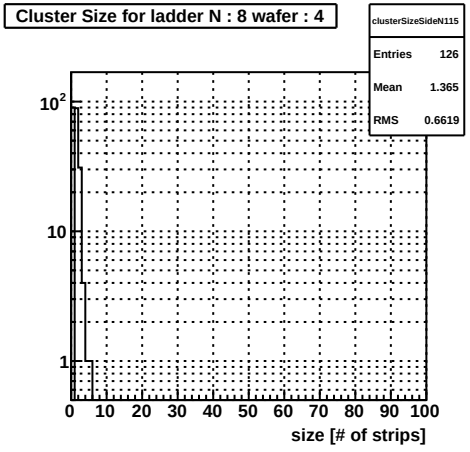

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 397
Mean 1.463
RMS 1.068
size [# of strips]

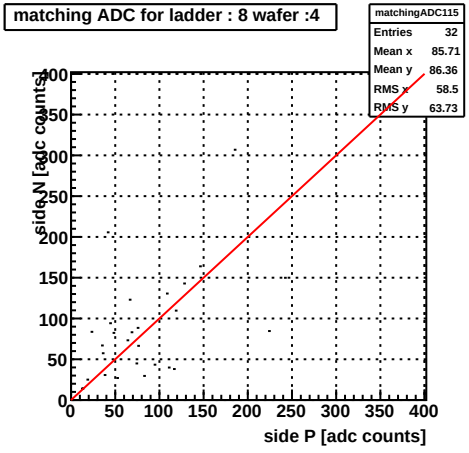

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 41
Mean x 45.83
Mean y 36.28
RMS x 63.02
RMS y 55.33
side N [adc counts]
side P [adc counts]

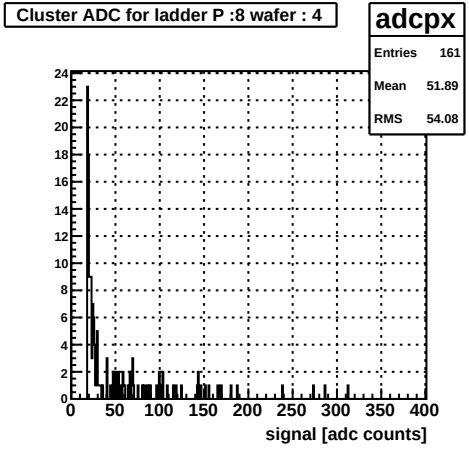

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 134
Mean 70.99
RMS 77.58
signal [adc counts]

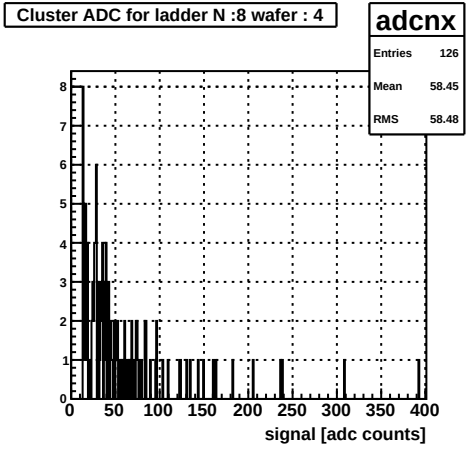

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 397
Mean 29.65
RMS 36.49
signal [adc counts]

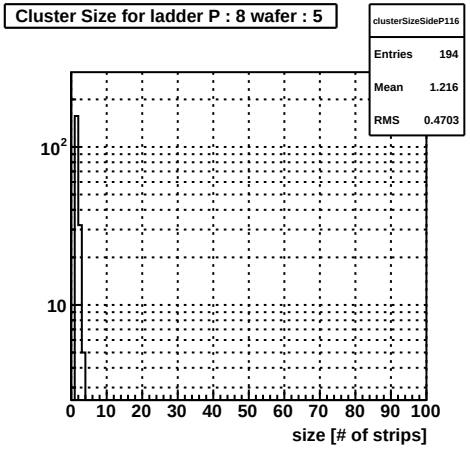

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 161
Mean 1.224
RMS 0.5457
size [# of strips]

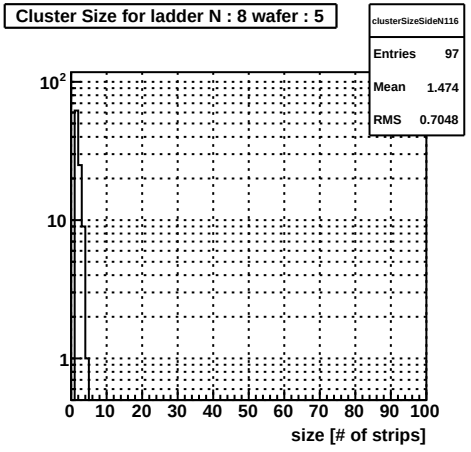

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 126
Mean 1.365
RMS 0.6619
size [# of strips]

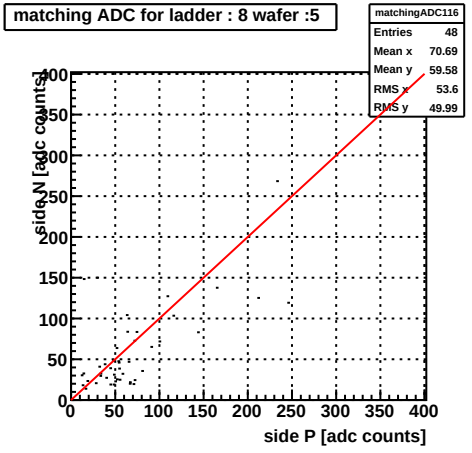

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 32
Mean x 85.71
Mean y 86.36
RMS x 58.5
RMS y 63.73
side N [adc counts]
side P [adc counts]

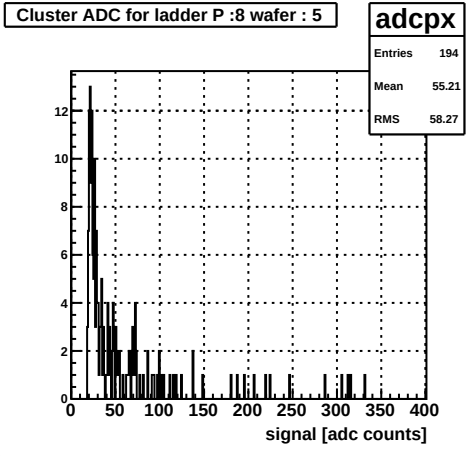

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 161
Mean 51.89
RMS 54.08
signal [adc counts]

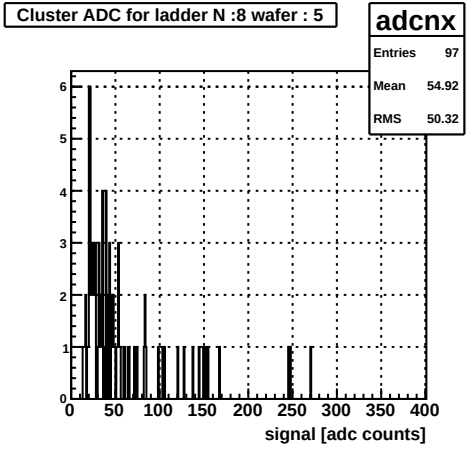

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 126
Mean 58.45
RMS 58.48
signal [adc counts]

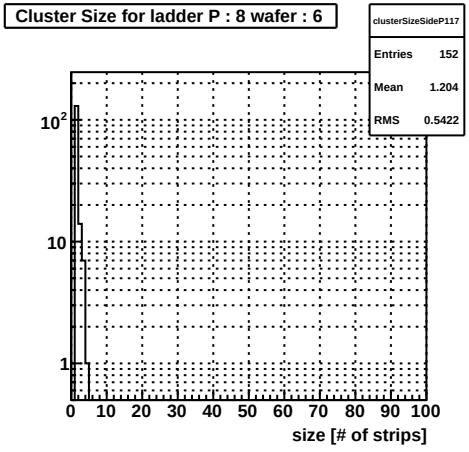

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 194
Mean 1.216
RMS 0.4703
size [# of strips]

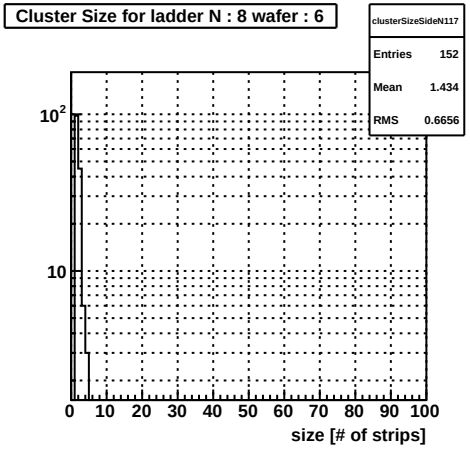

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 97
Mean 1.474
RMS 0.7048
size [# of strips]

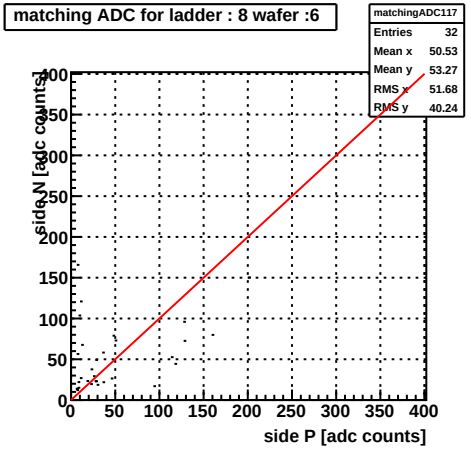

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 48
Mean x 70.69
Mean y 59.58
RMS x 53.6
RMS y 49.99
side N [adc counts]
side P [adc counts]

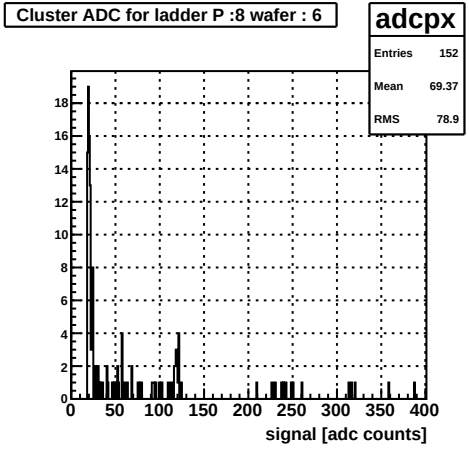

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 194
Mean 55.21
RMS 58.27
signal [adc counts]

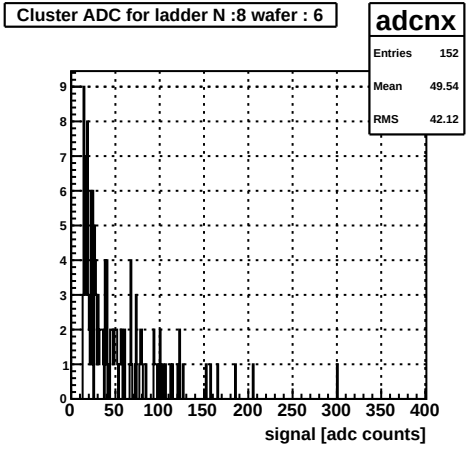

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 97
Mean 54.92
RMS 50.32
signal [adc counts]

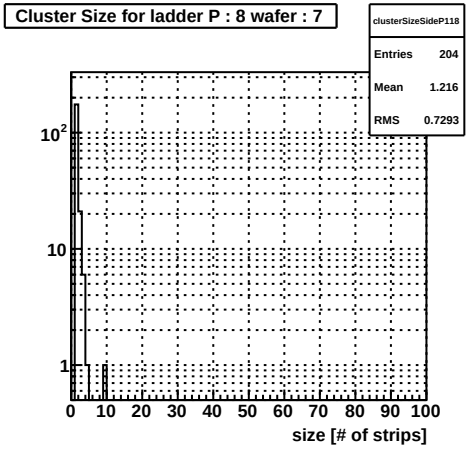

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 152
Mean 1.204
RMS 0.5422
size [# of strips]

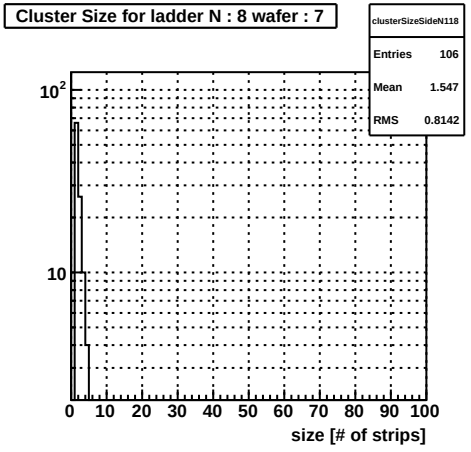

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 152
Mean 1.434
RMS 0.6656
size [# of strips]

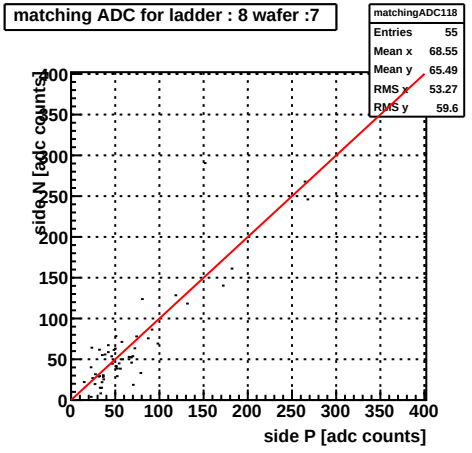

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 32
Mean x 50.53
Mean y 53.27
RMS x 51.68
RMS y 40.24
side N [adc counts]
side P [adc counts]

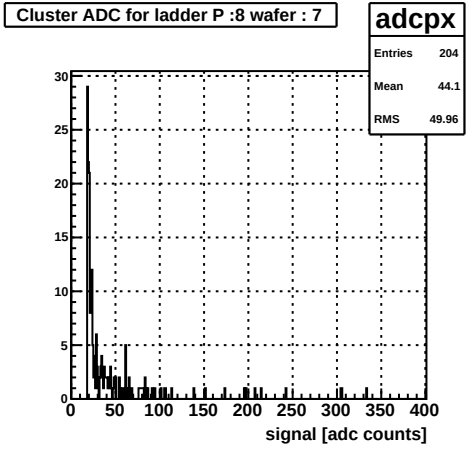

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 152
Mean 69.37
RMS 78.9
signal [adc counts]

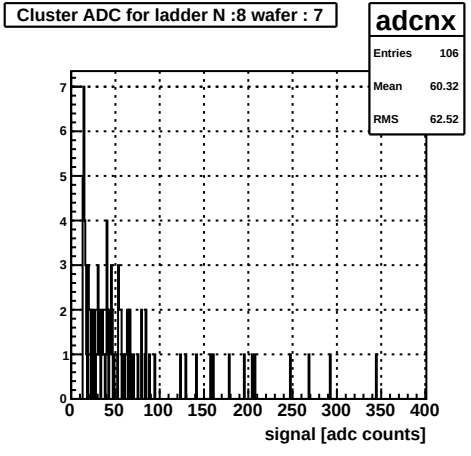

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 152
Mean 49.54
RMS 42.12
signal [adc counts]

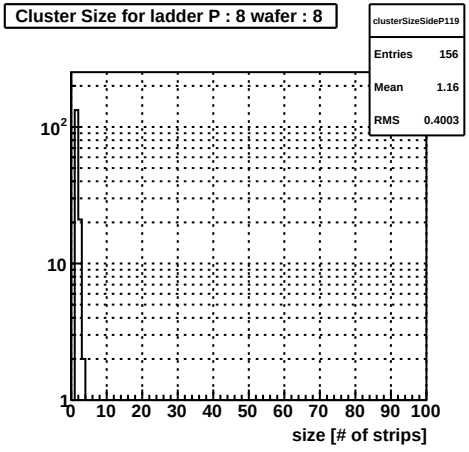

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 204
Mean 1.216
RMS 0.7293
size [# of strips]

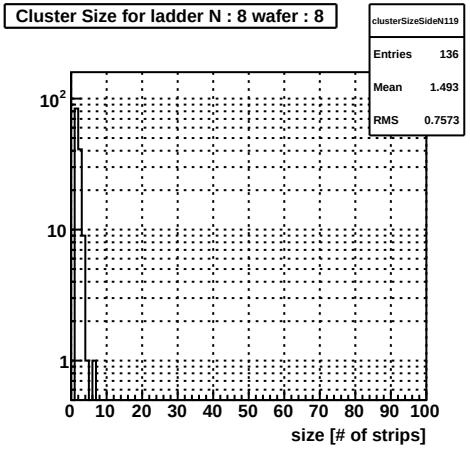

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 106
Mean 1.547
RMS 0.8142
size [# of strips]

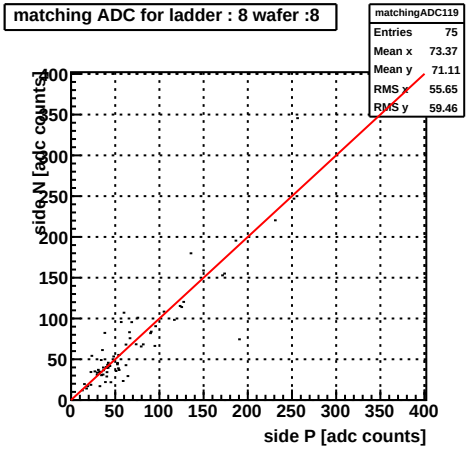

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 55
Mean x 68.55
Mean y 65.49
RMS x 53.27
RMS y 59.6
side N [adc counts]
side P [adc counts]

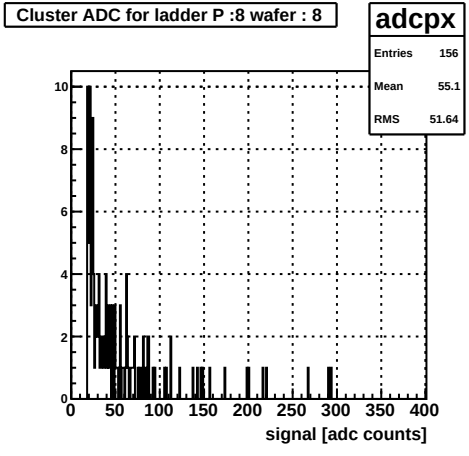

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 204
Mean 44.1
RMS 49.96
signal [adc counts]

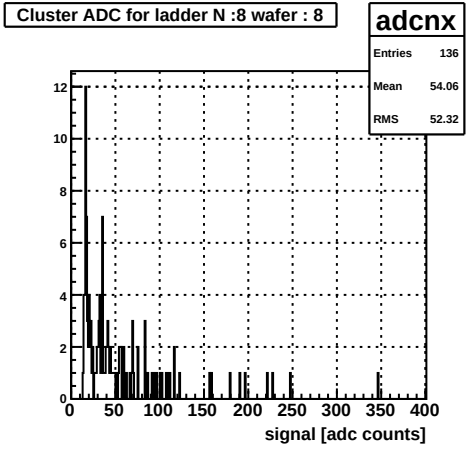

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 106
Mean 60.32
RMS 62.52
signal [adc counts]

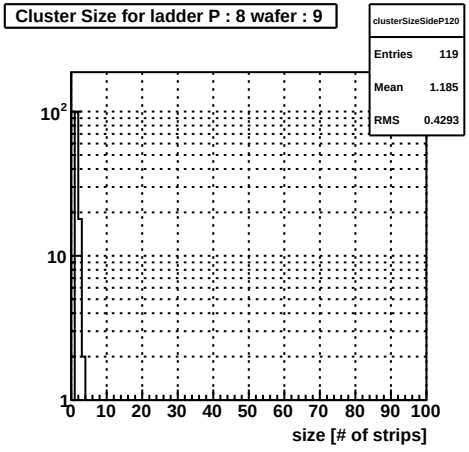

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 156
Mean 1.16
RMS 0.4003
size [# of strips]

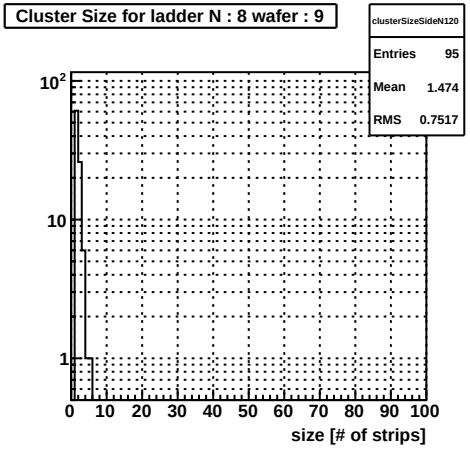

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 136
Mean 1.493
RMS 0.7573
size [# of strips]

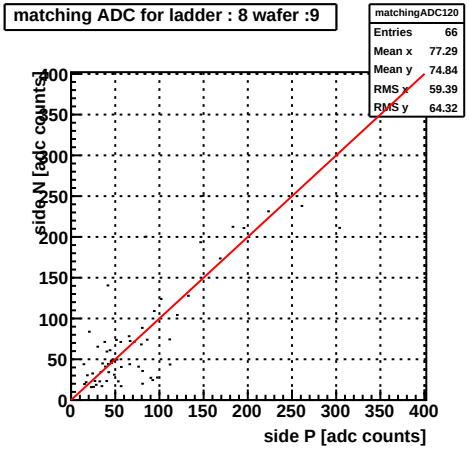

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 75
Mean x 73.37
Mean y 71.11
RMS x 55.65
RMS y 59.46
side N [adc counts]
side P [adc counts]

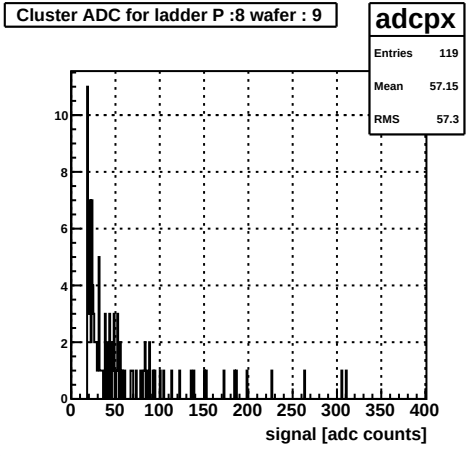

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 156
Mean 55.1
RMS 51.64
signal [adc counts]

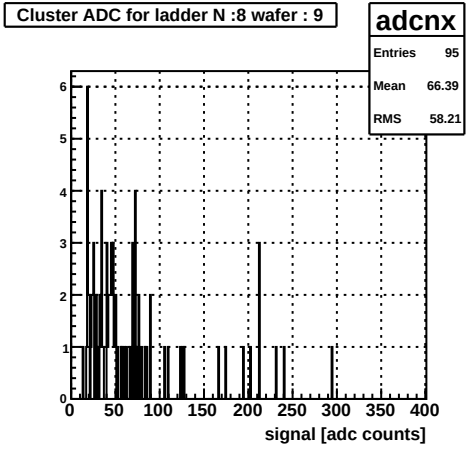

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 136
Mean 54.06
RMS 52.32
signal [adc counts]

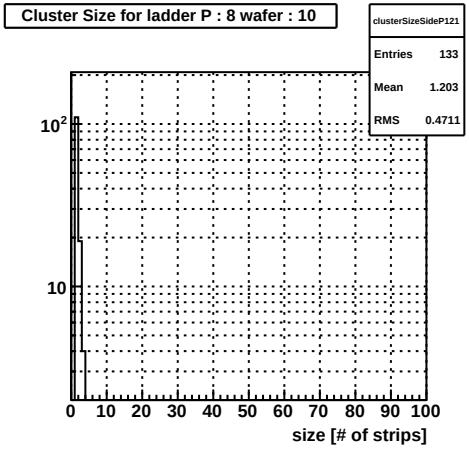

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 119
Mean 1.185
RMS 0.4293
size [# of strips]

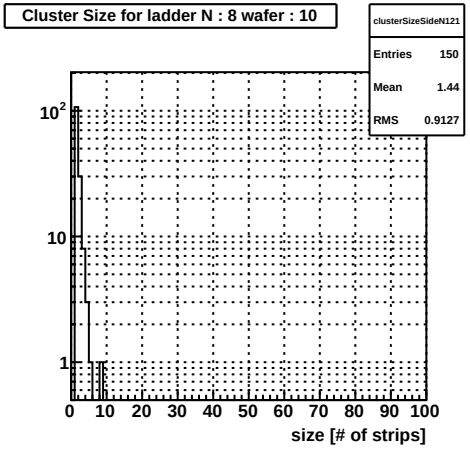

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 95
Mean 1.474
RMS 0.7517
size [# of strips]

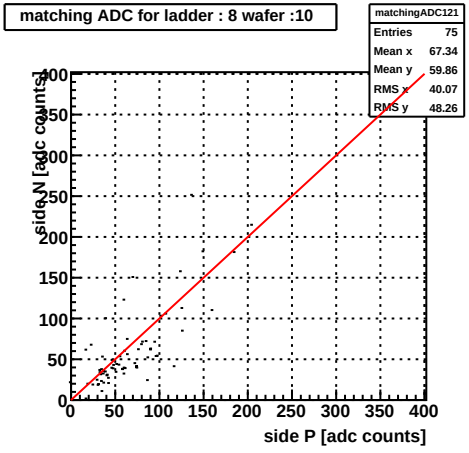

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 66
Mean x 77.29
Mean y 74.84
RMS x 59.39
RMS y 64.32
side N [adc counts]
side P [adc counts]

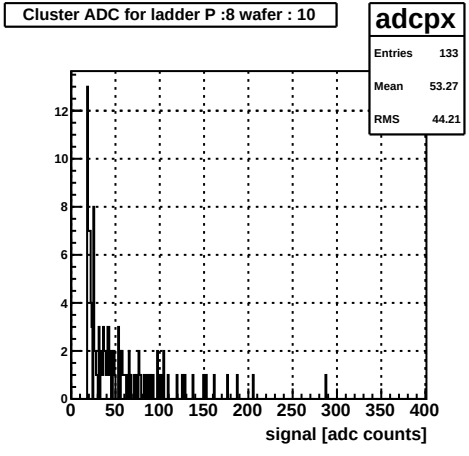

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 119
Mean 57.15
RMS 57.3
signal [adc counts]

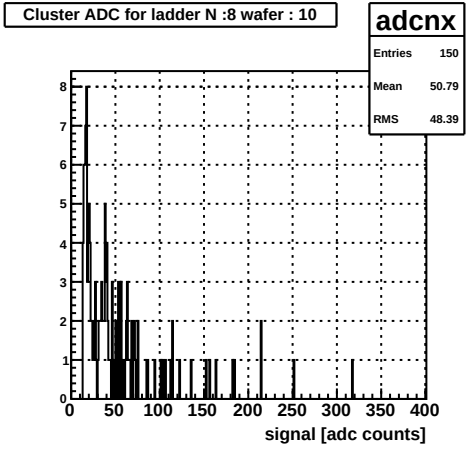

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 95
Mean 66.39
RMS 58.21
signal [adc counts]

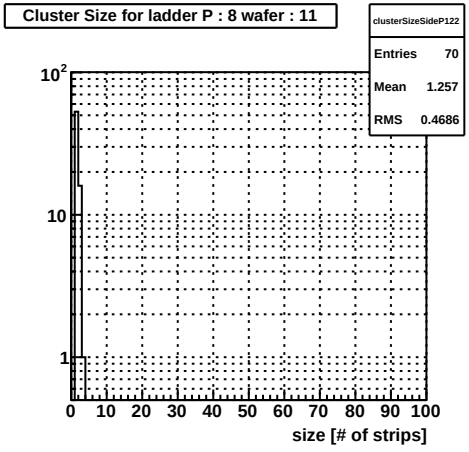

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 133
Mean 1.203
RMS 0.4711
size [# of strips]

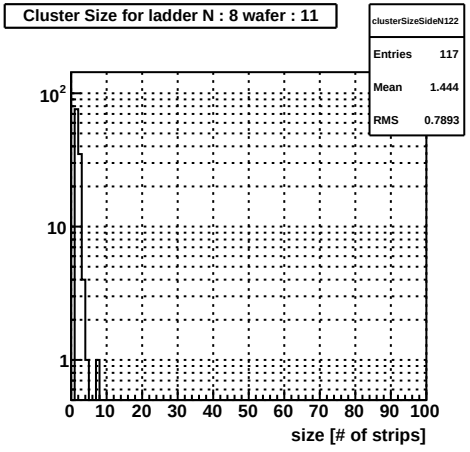

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 150
Mean 1.44
RMS 0.9127
size [# of strips]

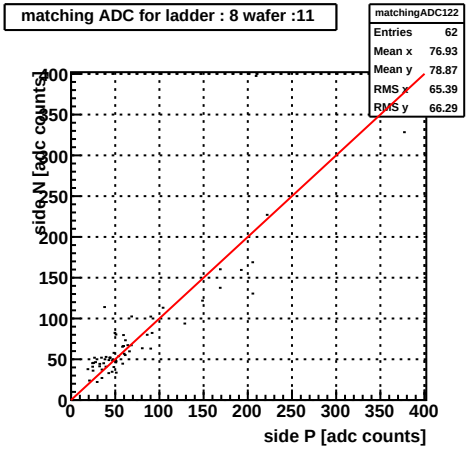

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 75
Mean x 67.34
Mean y 59.86
RMS x 40.07
RMS y 48.26
side N [adc counts]
side P [adc counts]

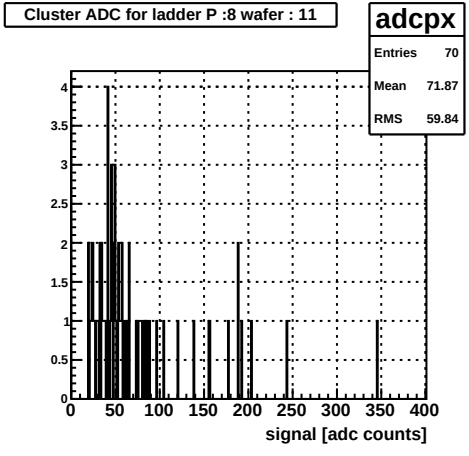

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 133
Mean 53.27
RMS 44.21
signal [adc counts]

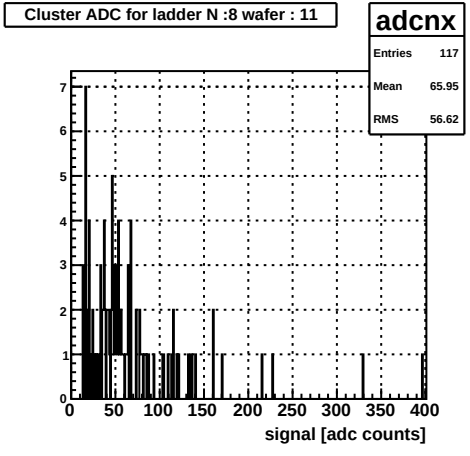

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 150
Mean 50.79
RMS 48.39
signal [adc counts]

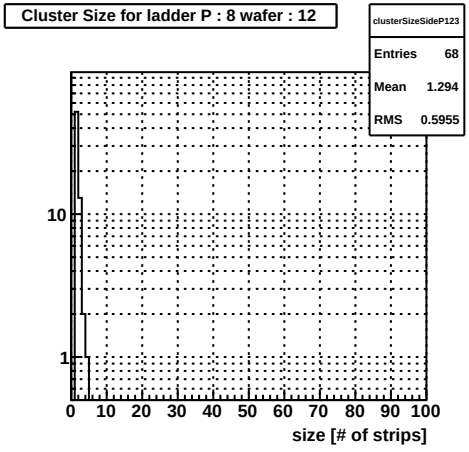

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 70
Mean 1.257
RMS 0.4686
size [# of strips]

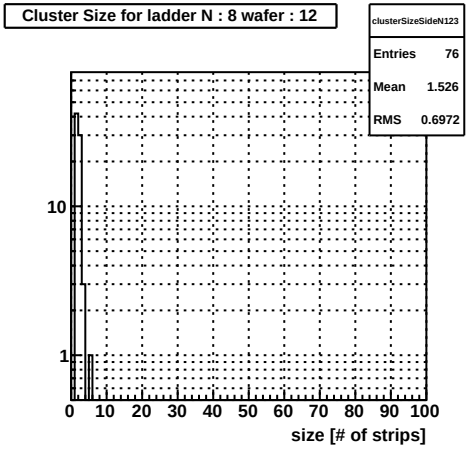

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 117
Mean 1.444
RMS 0.7893
size [# of strips]

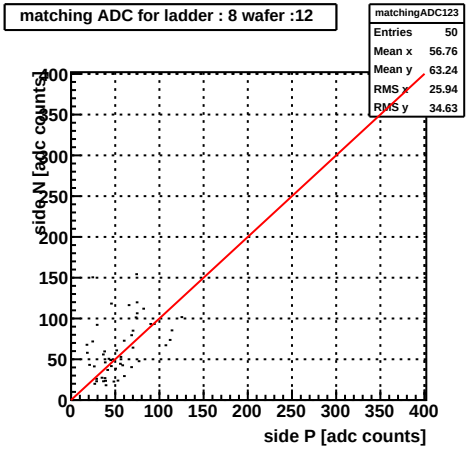

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 62
Mean x 76.93
Mean y 78.87
RMS x 65.39
RMS y 66.29
side N [adc counts]
side P [adc counts]

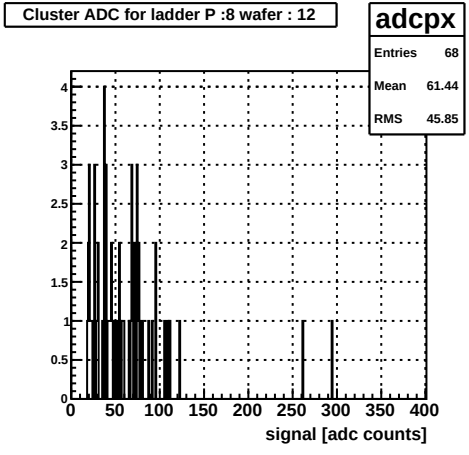

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 70
Mean 71.87
RMS 59.84
signal [adc counts]

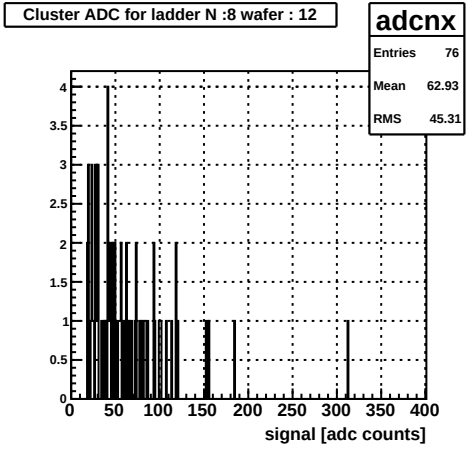

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 117
Mean 65.95
RMS 56.62
signal [adc counts]

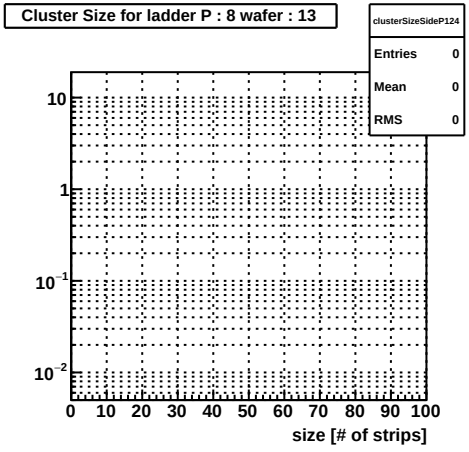

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 68
Mean 1.294
RMS 0.5955
size [# of strips]

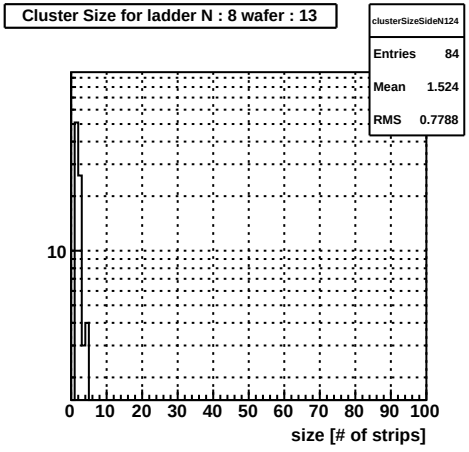

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 76
Mean 1.526
RMS 0.6972
size [# of strips]

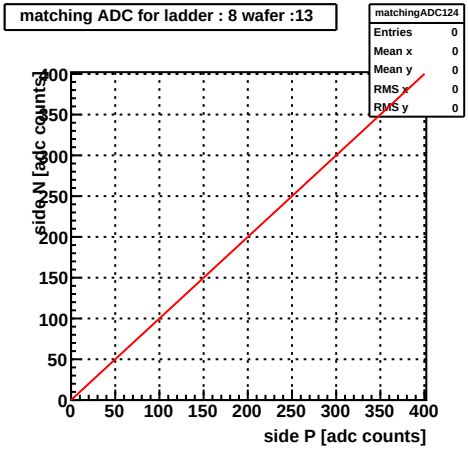

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 50
Mean x 56.76
Mean y 63.24
RMS x 25.94
RMS y 34.63
side N [adc counts]
side P [adc counts]

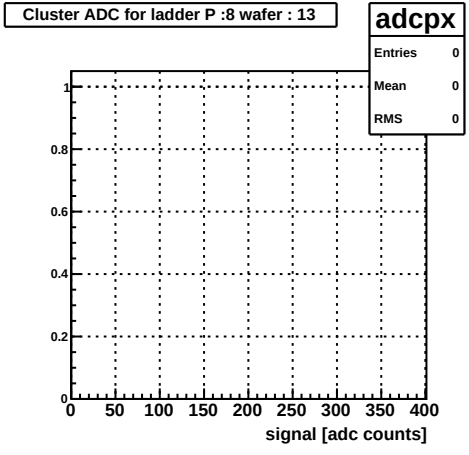

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 68
Mean 61.44
RMS 45.85
signal [adc counts]

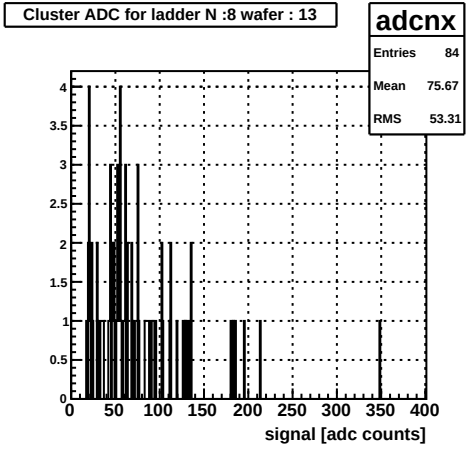

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 76
Mean 62.93
RMS 45.31
signal [adc counts]

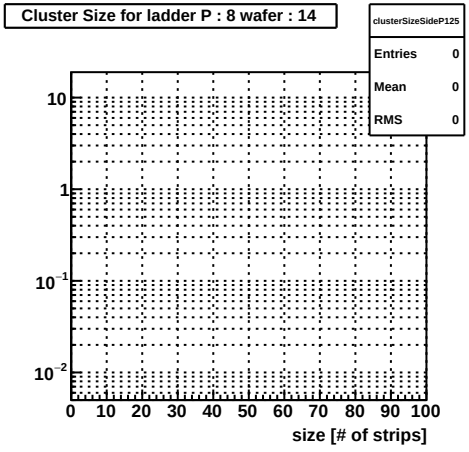

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 0
Mean 0
RMS 0
size [# of strips]

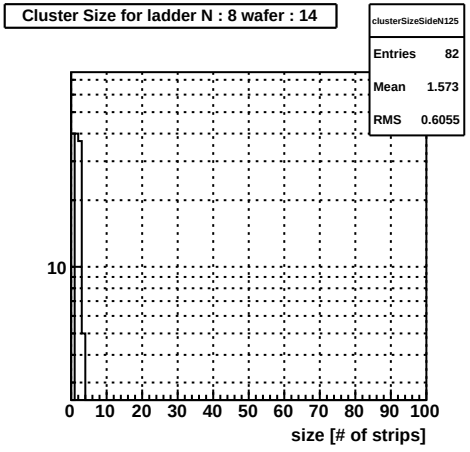

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 84
Mean 1.524
RMS 0.7788
size [# of strips]

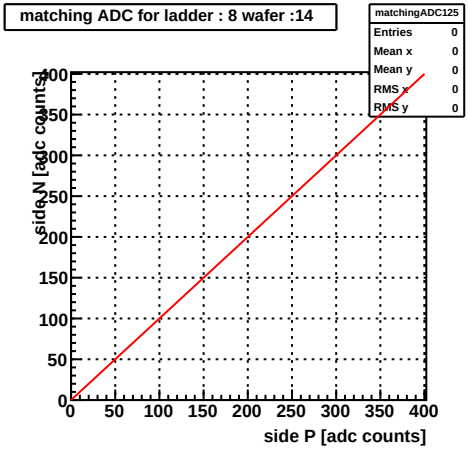

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

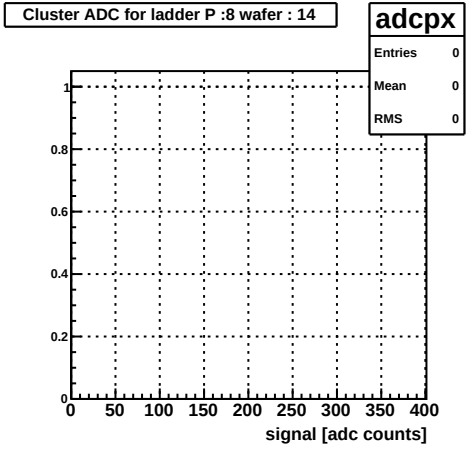

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

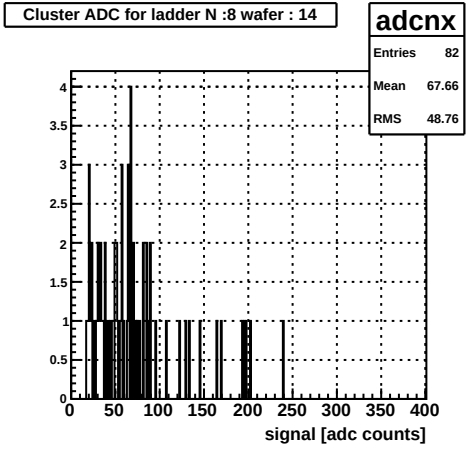

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 84
Mean 75.67
RMS 53.31
signal [adc counts]

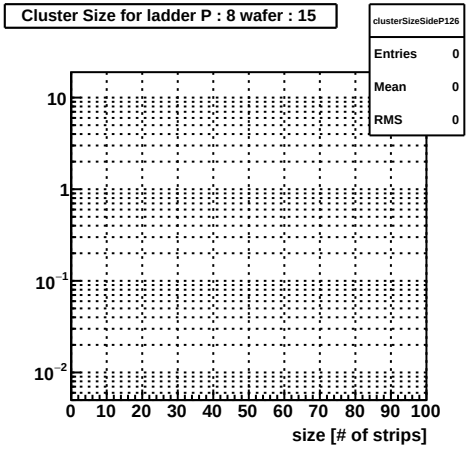

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

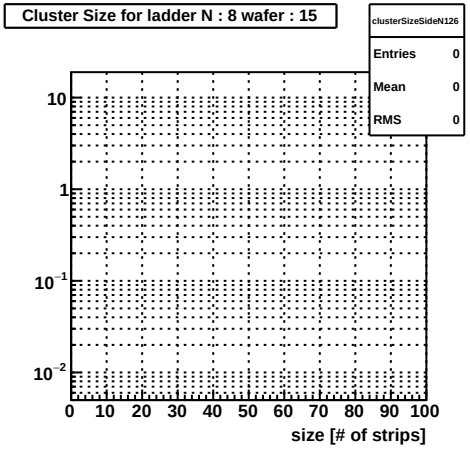

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 82
Mean 1.573
RMS 0.6055
size [# of strips]

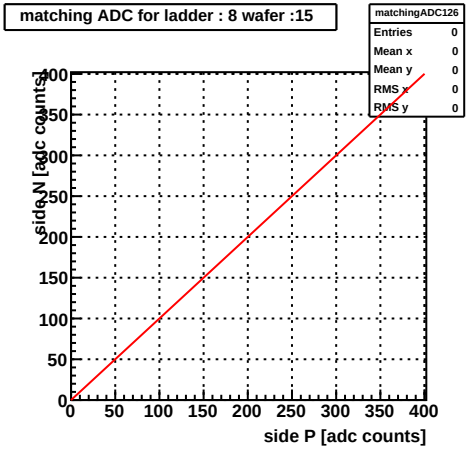

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

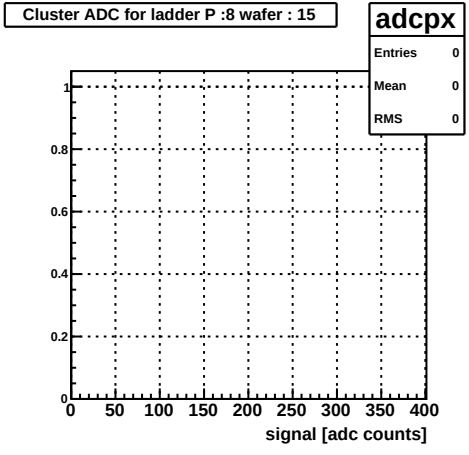

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

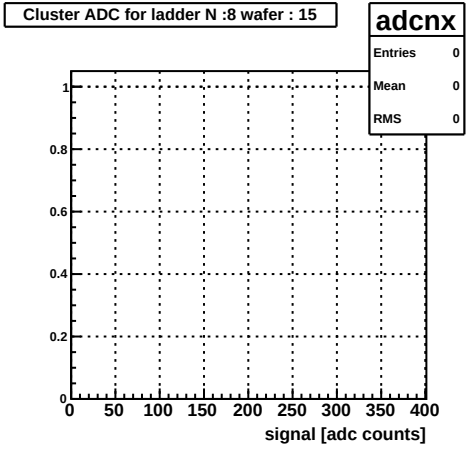

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 82
Mean 67.66
RMS 48.76
signal [adc counts]

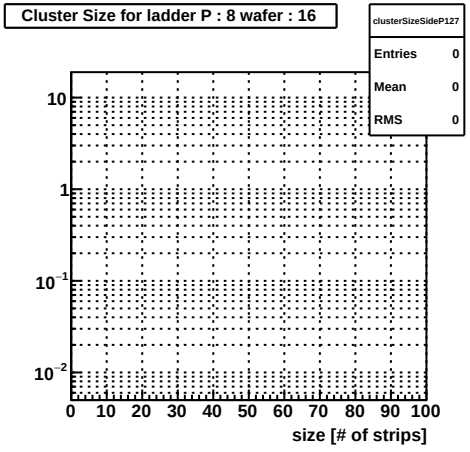

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 0
Mean 0
RMS 0
size [# of strips]

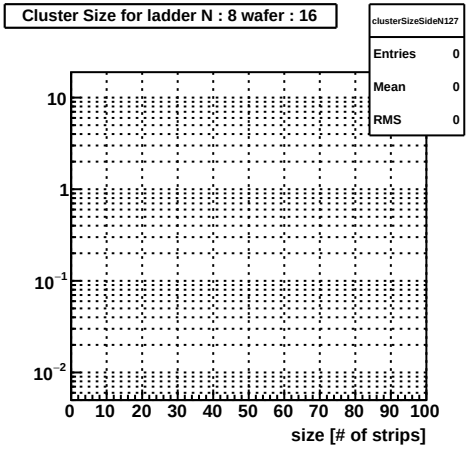

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

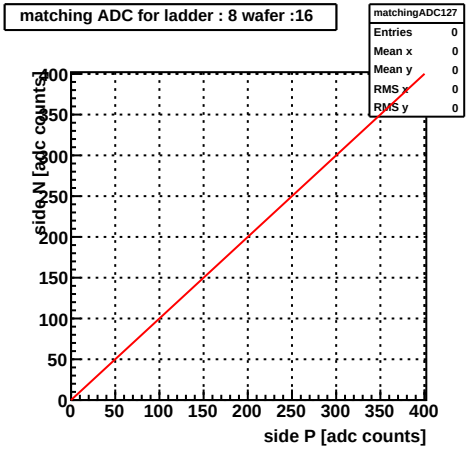

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

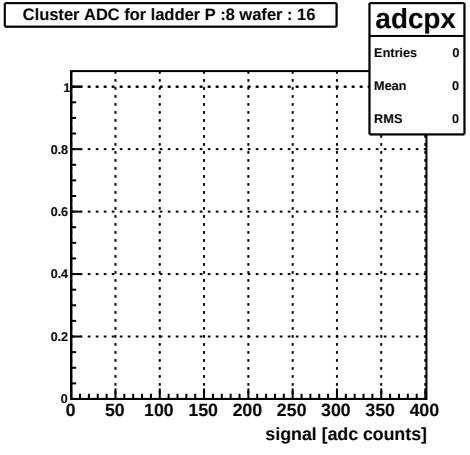

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

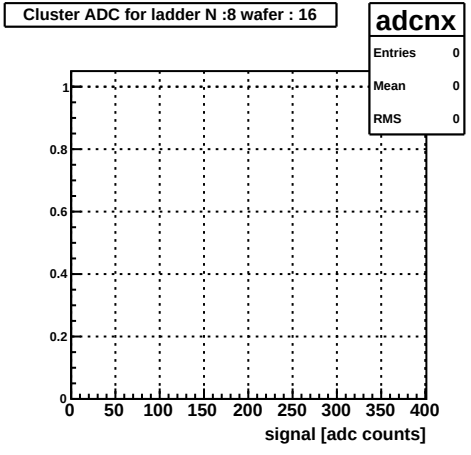

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

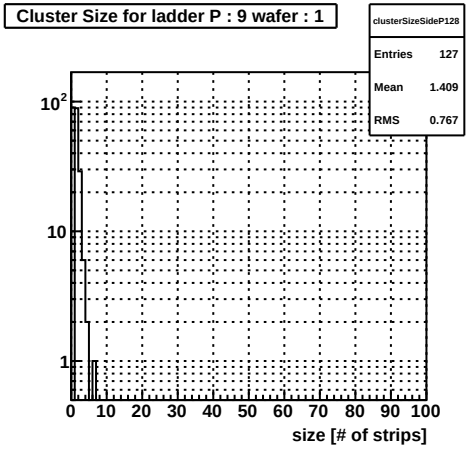

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

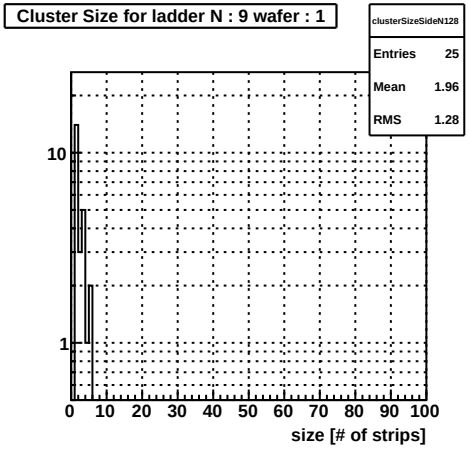

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

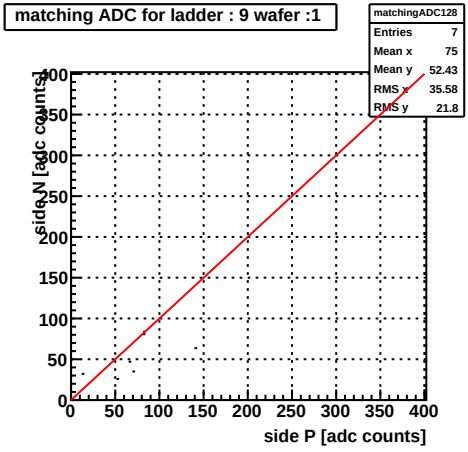

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

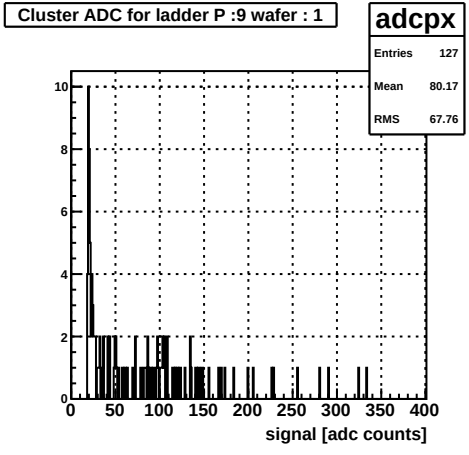

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

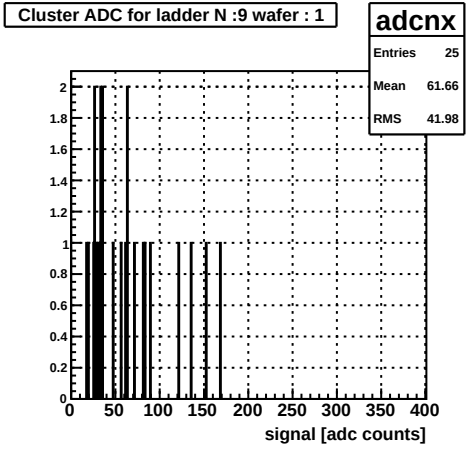

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

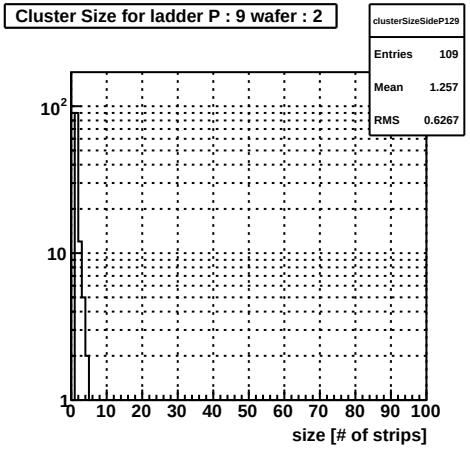

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 127
Mean 1.409
RMS 0.767
size [# of strips]

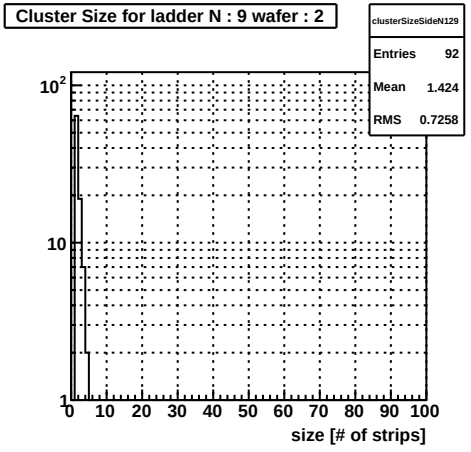

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 25
Mean 1.96
RMS 1.28
size [# of strips]

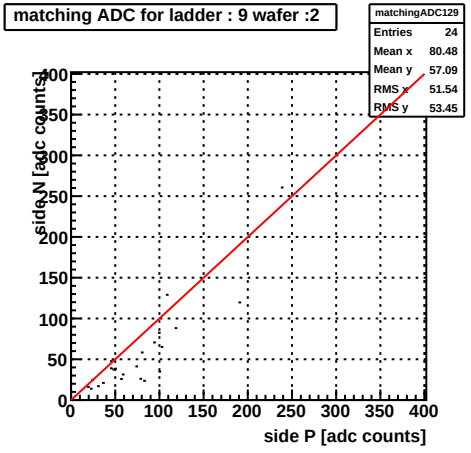

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 7
Mean x 75
Mean y 52.43
RMS x 35.58
RMS y 21.8
side N [adc counts]
side P [adc counts]

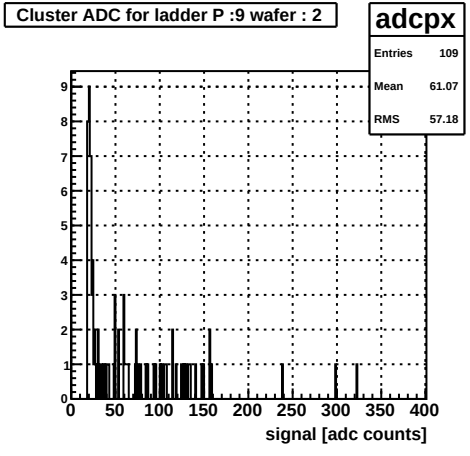

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 127
Mean 80.17
RMS 67.76
signal [adc counts]

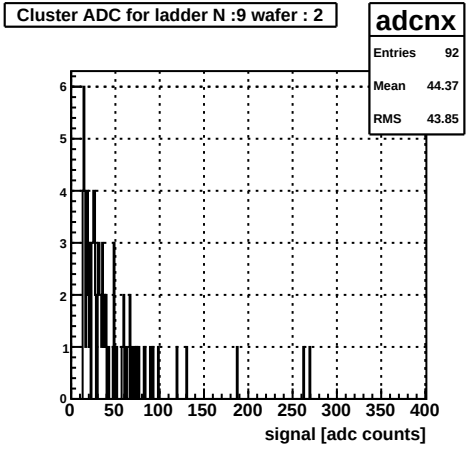

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 25
Mean 61.66
RMS 41.98
signal [adc counts]

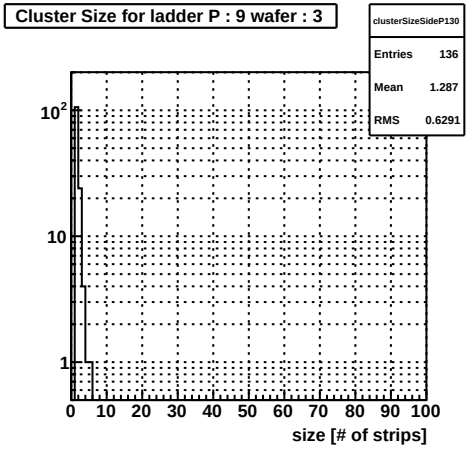

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 109
Mean 1.257
RMS 0.6267
size [# of strips]

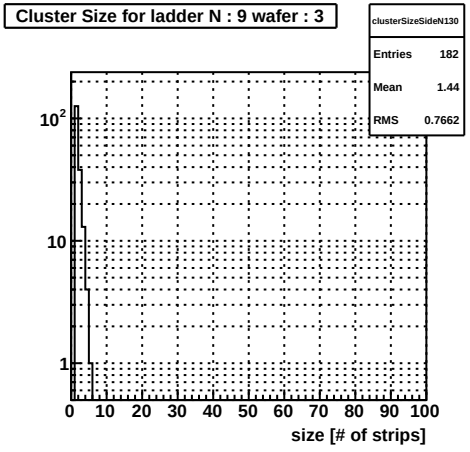

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 92
Mean 1.424
RMS 0.7258
size [# of strips]

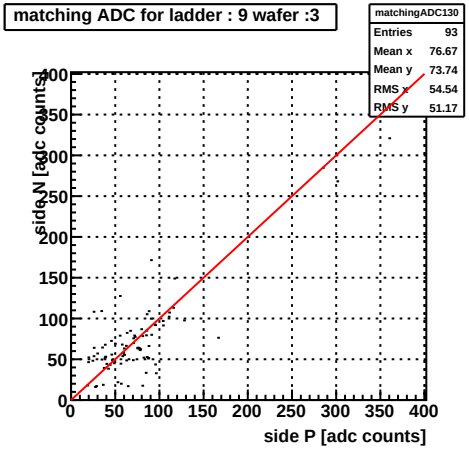

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 24
Mean x 80.48
Mean y 57.09
RMS x 51.54
RMS y 53.45
side N [adc counts]
side P [adc counts]

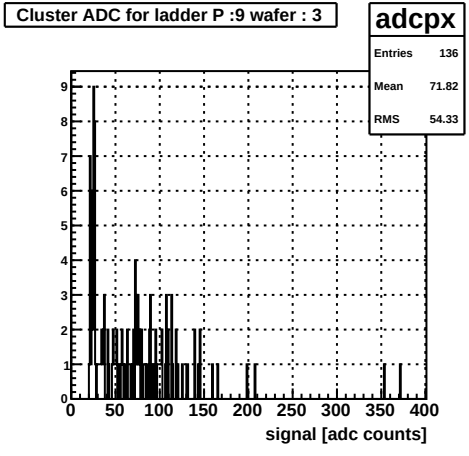

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 109
Mean 61.07
RMS 57.18
signal [adc counts]

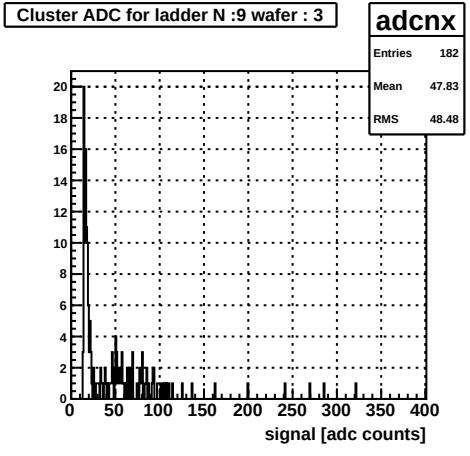

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 92
Mean 44.37
RMS 43.85
signal [adc counts]

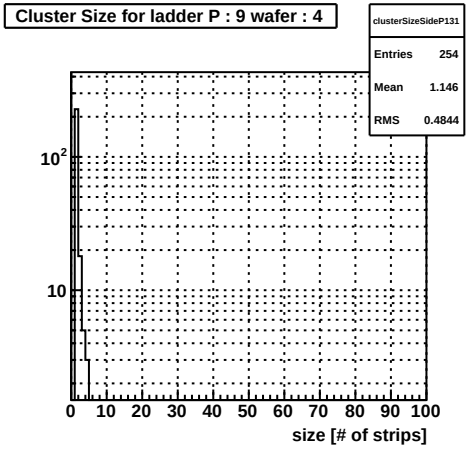

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 136
Mean 1.287
RMS 0.6291
size [# of strips]

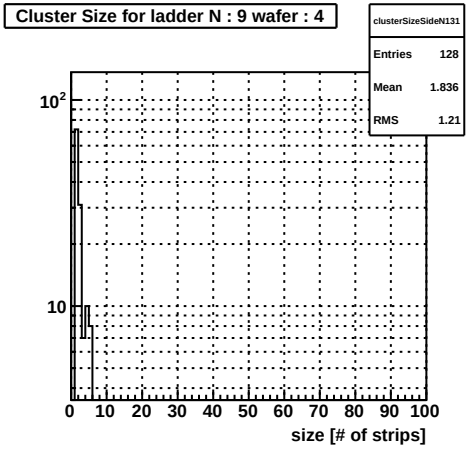

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 182
Mean 1.44
RMS 0.7662
size [# of strips]

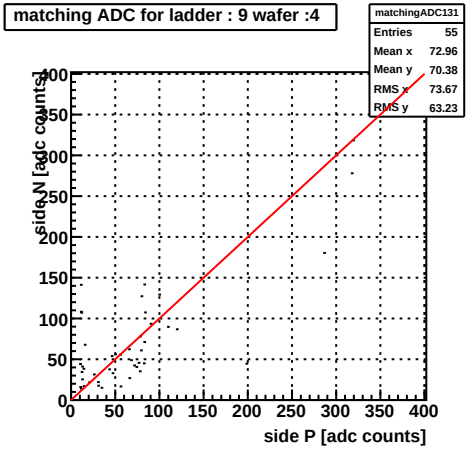

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 93
Mean x 76.67
Mean y 73.74
RMS x 54.54
RMS y 51.17
side N [adc counts]
side P [adc counts]

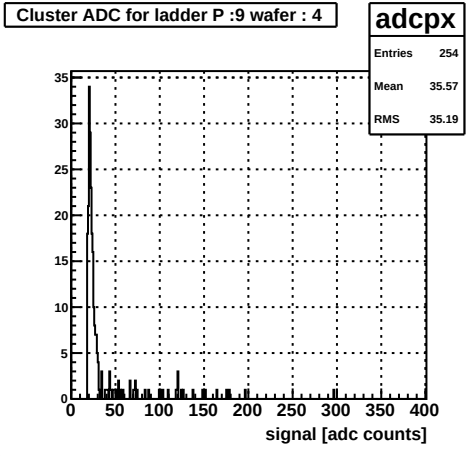

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 136
Mean 71.82
RMS 54.33
signal [adc counts]

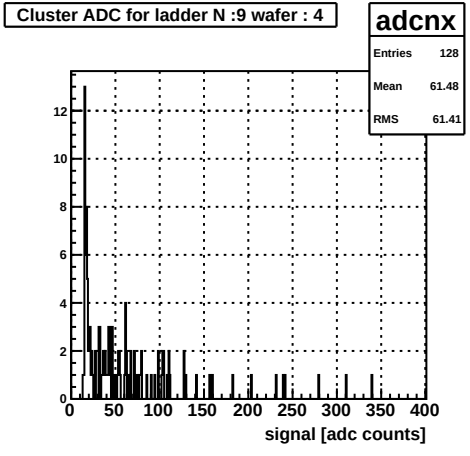

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 182
Mean 47.83
RMS 48.48
signal [adc counts]

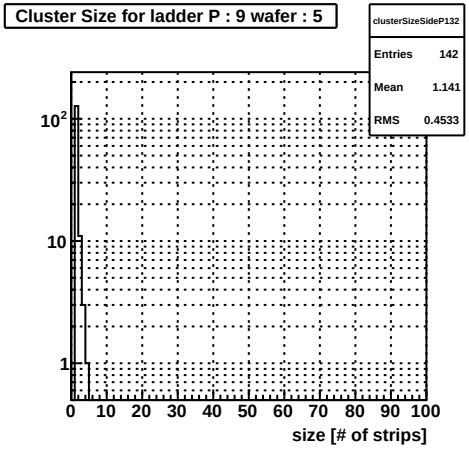

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 254
Mean 1.146
RMS 0.4844
size [# of strips]

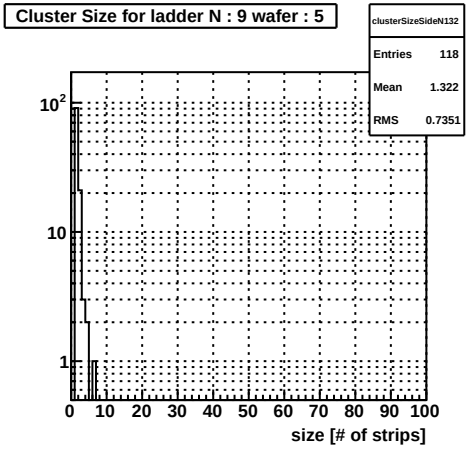

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 128
Mean 1.836
RMS 1.21
size [# of strips]

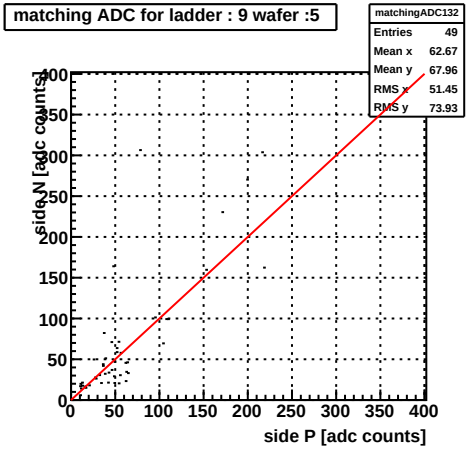

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 55
Mean x 72.96
Mean y 70.38
RMS x 73.67
RMS y 63.23
side N [adc counts]
side P [adc counts]

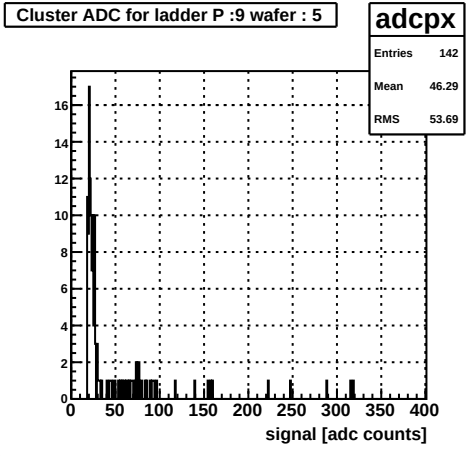

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 254
Mean 35.57
RMS 35.19
signal [adc counts]

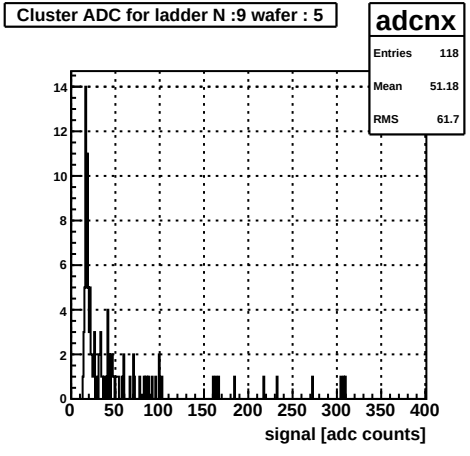

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 128
Mean 61.48
RMS 61.41
signal [adc counts]

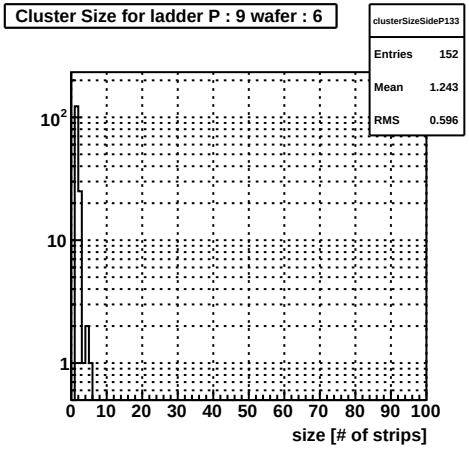

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 142
Mean 1.141
RMS 0.4533
size [# of strips]

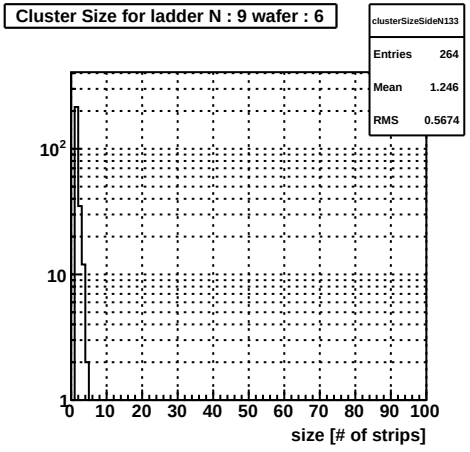

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 118
Mean 1.322
RMS 0.7351
size [# of strips]

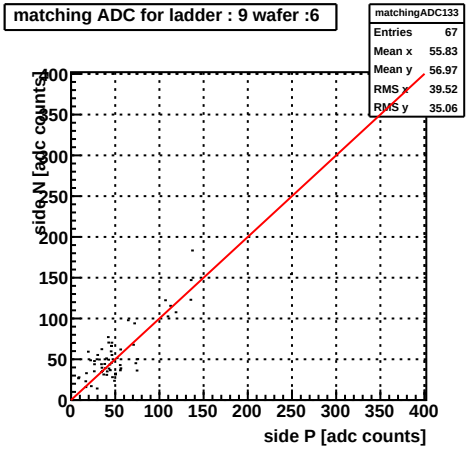

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 49
Mean x 62.67
Mean y 67.96
RMS x 51.45
RMS y 73.93
side N [adc counts]
side P [adc counts]

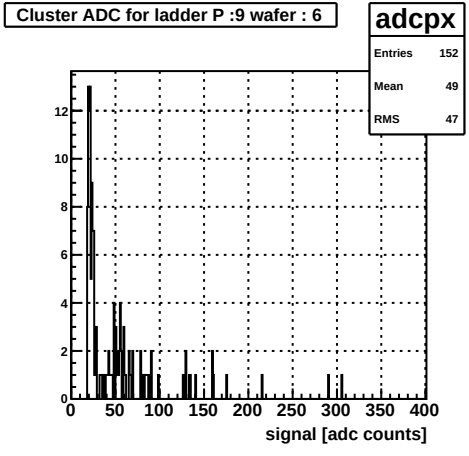

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 142
Mean 46.29
RMS 53.69
signal [adc counts]

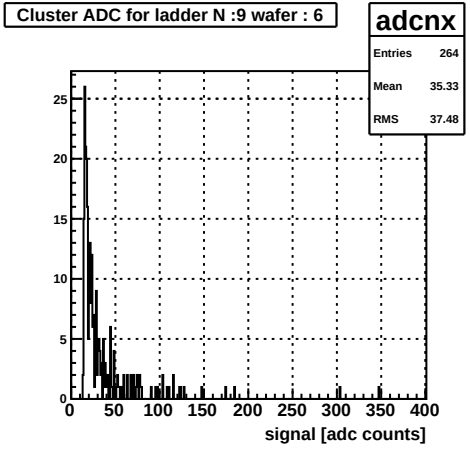

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 118
Mean 51.18
RMS 61.7
signal [adc counts]

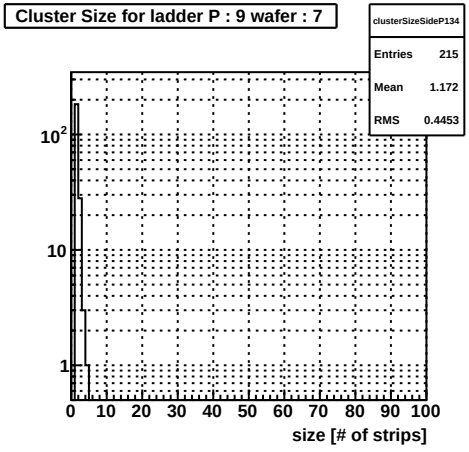

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 152
Mean 1.243
RMS 0.596
size [# of strips]

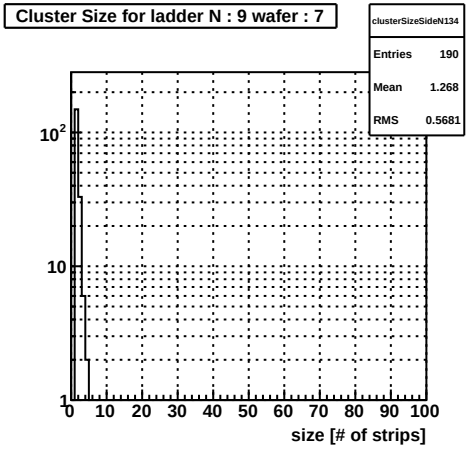

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 264
Mean 1.246
RMS 0.5674
size [# of strips]

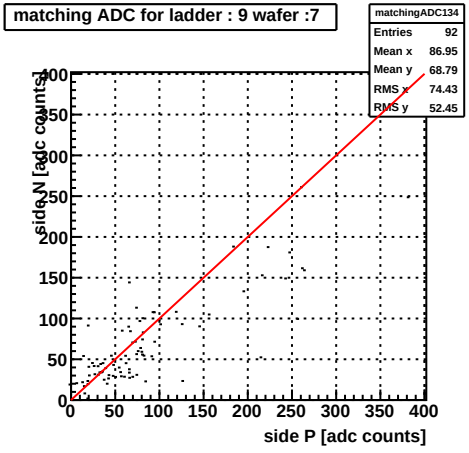

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 67
Mean x 55.83
Mean y 56.97
RMS x 39.52
RMS y 35.06
side N [adc counts]
side P [adc counts]

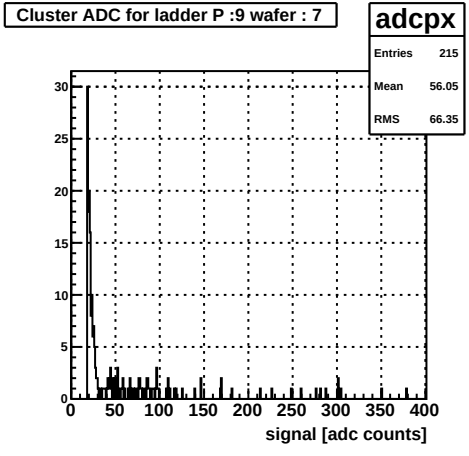

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 152
Mean 49
RMS 47
signal [adc counts]

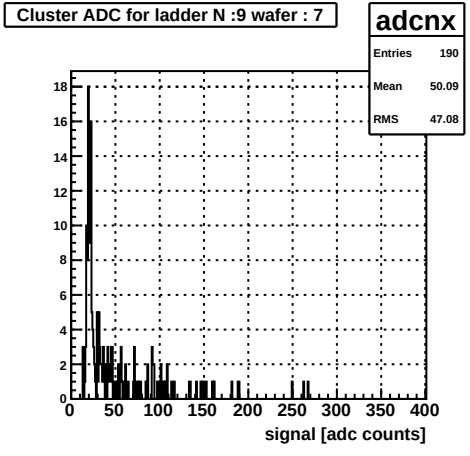

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 264
Mean 35.33
RMS 37.48
signal [adc counts]

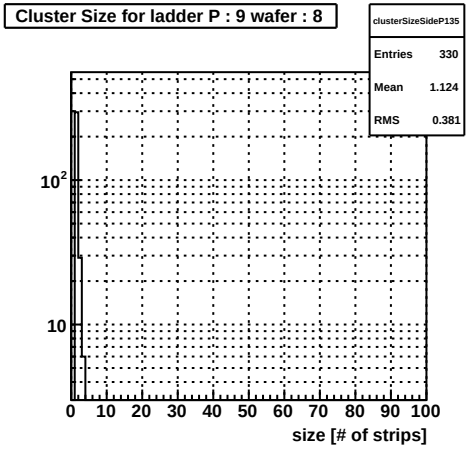

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 215
Mean 1.172
RMS 0.4453
size [# of strips]

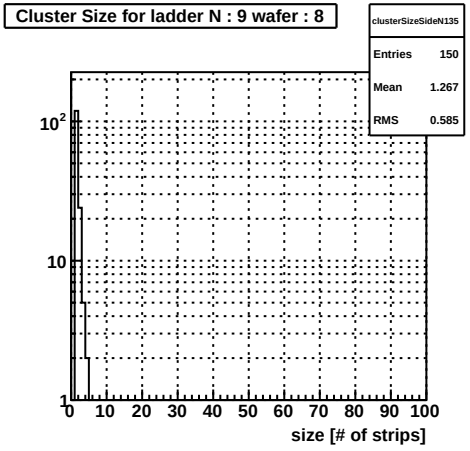

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 190
Mean 1.268
RMS 0.5681
size [# of strips]

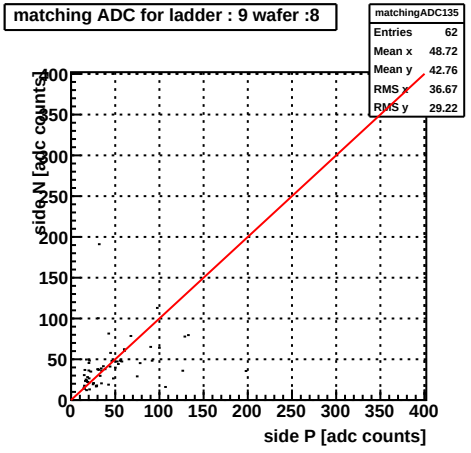

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 92
Mean x 86.95
Mean y 68.79
RMS x 74.43
RMS y 52.45
side N [adc counts]
side P [adc counts]

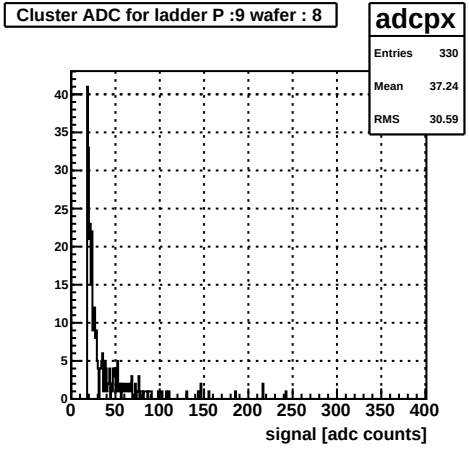

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 215
Mean 56.05
RMS 66.35
signal [adc counts]

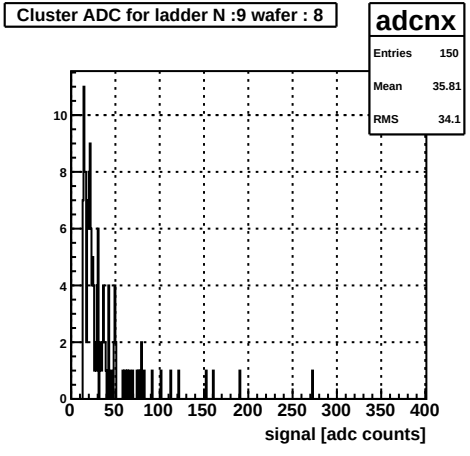

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 190
Mean 50.09
RMS 47.08
signal [adc counts]

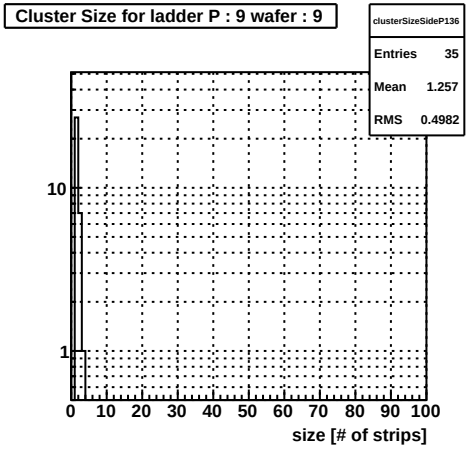

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 330
Mean 1.124
RMS 0.381
size [# of strips]

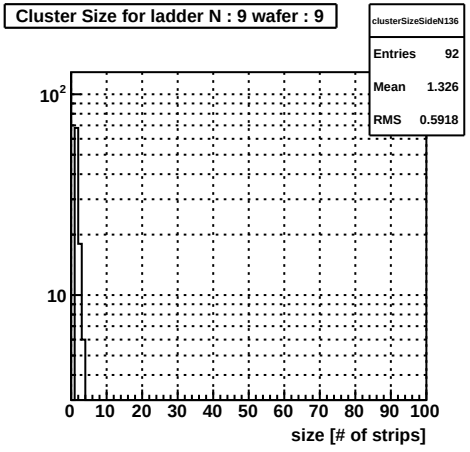

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 150
Mean 1.267
RMS 0.585
size [# of strips]

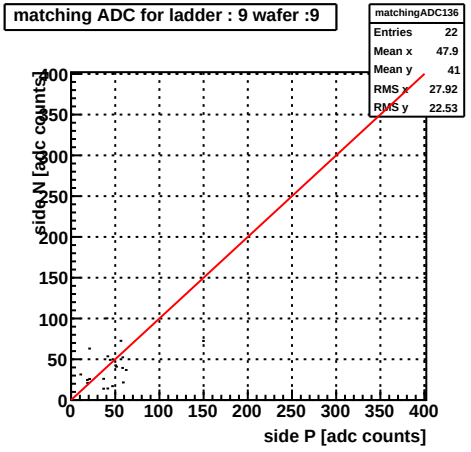

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 62
Mean x 48.72
Mean y 42.76
RMS x 36.67
RMS y 29.22
side N [adc counts]
side P [adc counts]

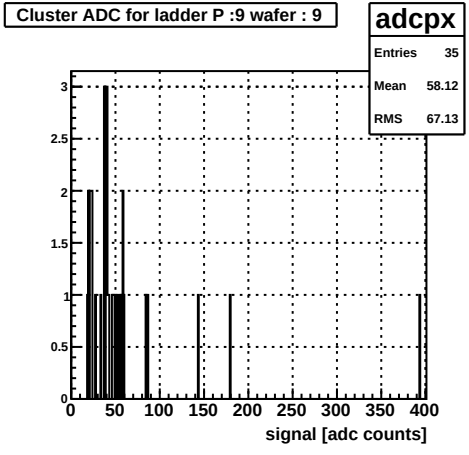

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 330
Mean 37.24
RMS 30.59
signal [adc counts]

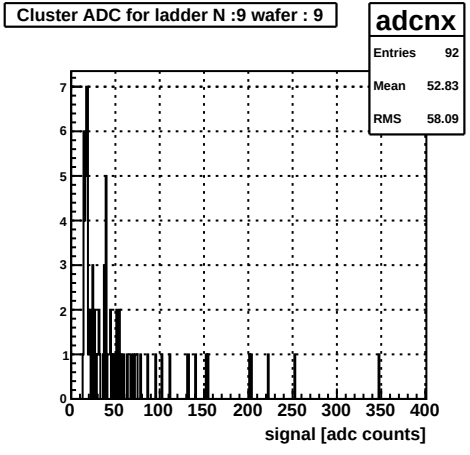

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 150
Mean 35.81
RMS 34.1
signal [adc counts]

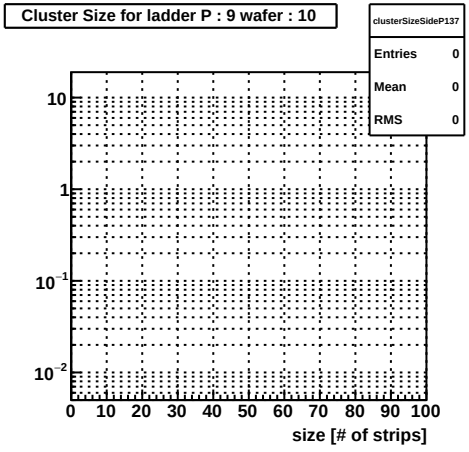

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 35
Mean 1.257
RMS 0.4982
size [# of strips]

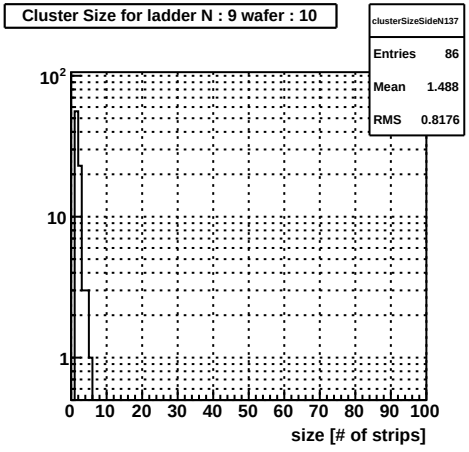

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 92
Mean 1.326
RMS 0.5918
size [# of strips]

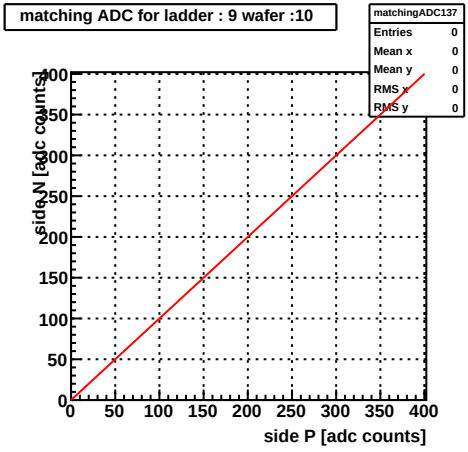

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 22
Mean x 47.9
Mean y 41
RMS x 27.92
RMS y 22.53
side N [adc counts]
side P [adc counts]

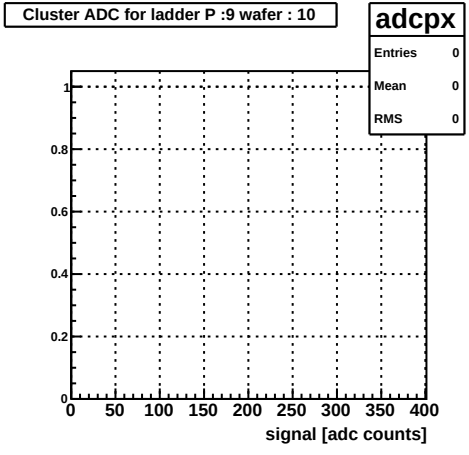

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 35
Mean 58.12
RMS 67.13
signal [adc counts]

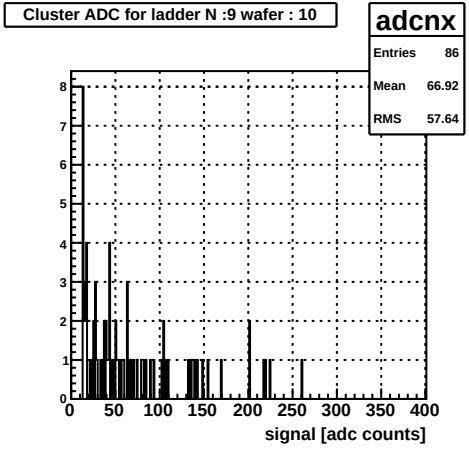

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 92
Mean 52.83
RMS 58.09
signal [adc counts]

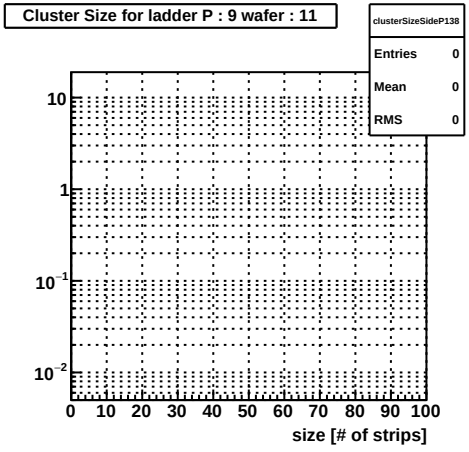

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

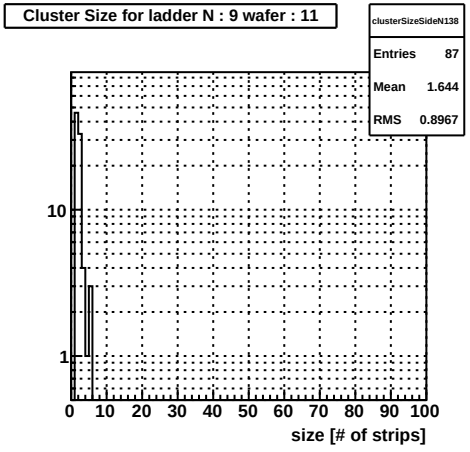

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 86
Mean 1.488
RMS 0.8176
size [# of strips]

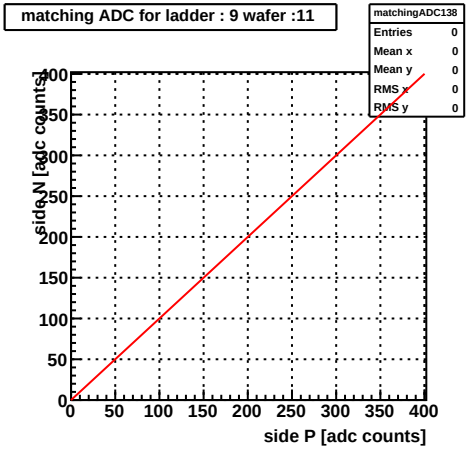

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

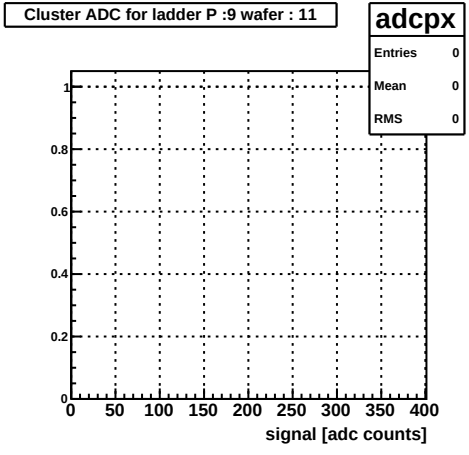

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

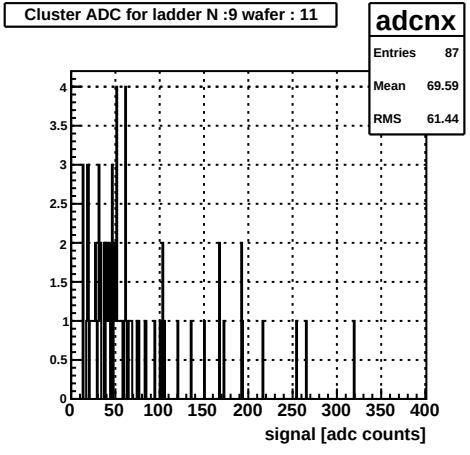

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 86
Mean 66.92
RMS 57.64
signal [adc counts]

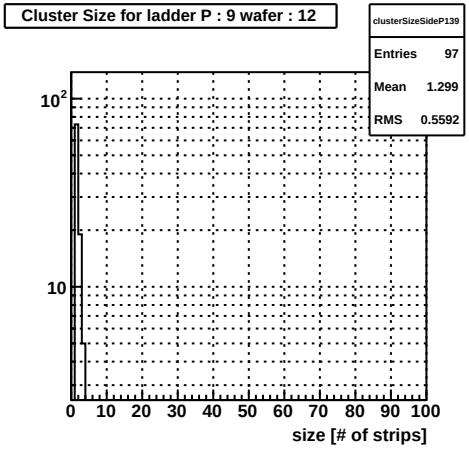

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

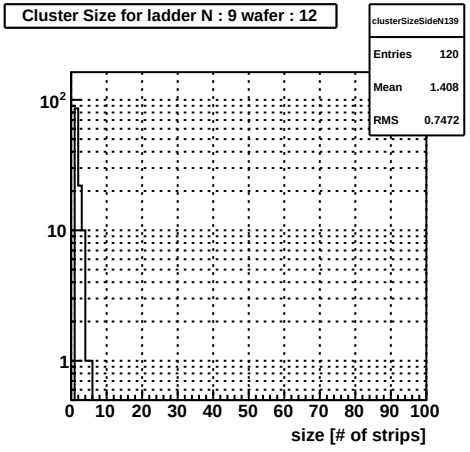

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 87
Mean 1.644
RMS 0.8967
size [# of strips]

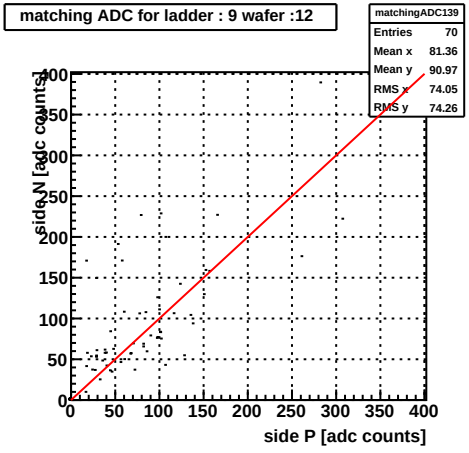

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

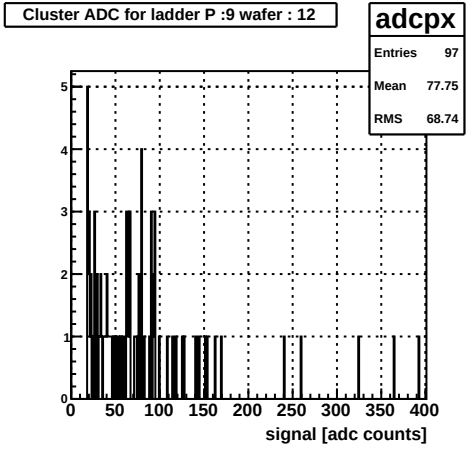

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

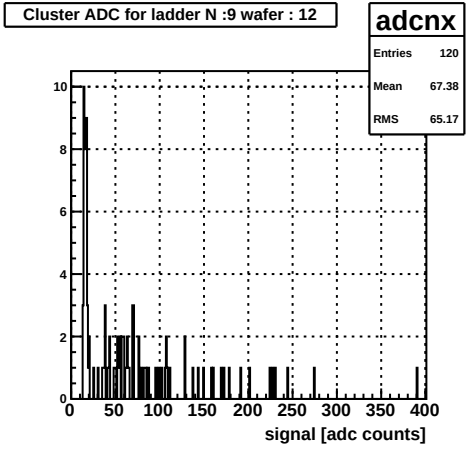

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 87
Mean 69.59
RMS 61.44
signal [adc counts]

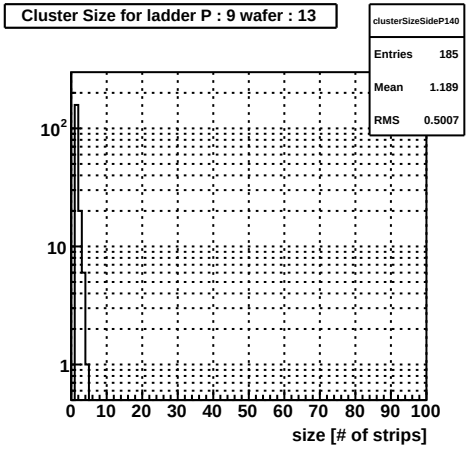

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 97
Mean 1.299
RMS 0.5592
size [# of strips]

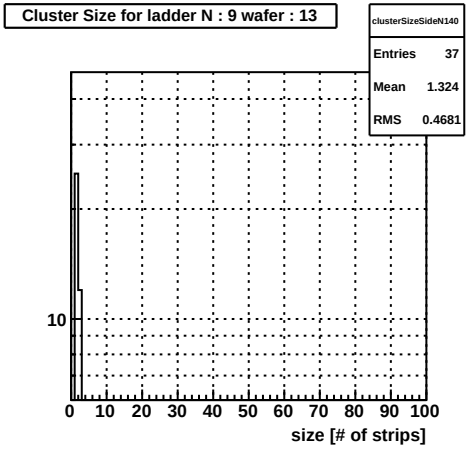

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 120
Mean 1.408
RMS 0.7472
size [# of strips]

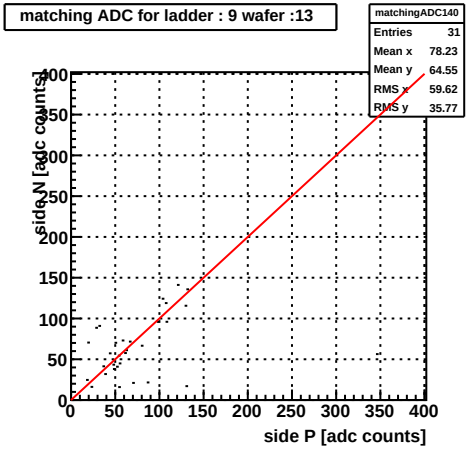

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 70
Mean x 81.36
Mean y 90.97
RMS x 74.05
RMS y 74.26
side N [adc counts]
side P [adc counts]

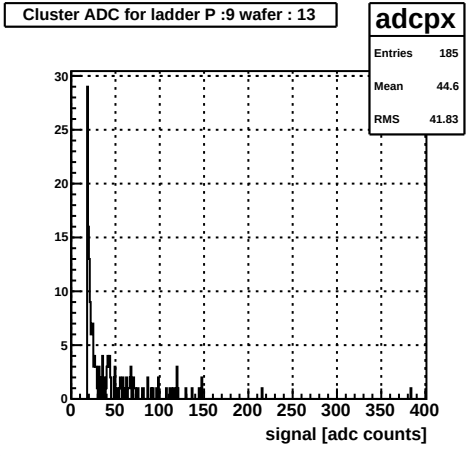

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 97
Mean 77.75
RMS 68.74
signal [adc counts]

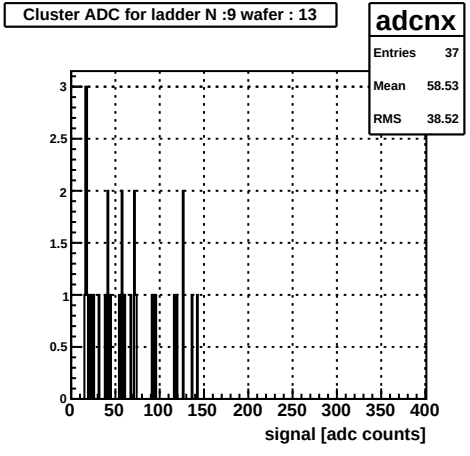

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 120
Mean 67.38
RMS 65.17
signal [adc counts]

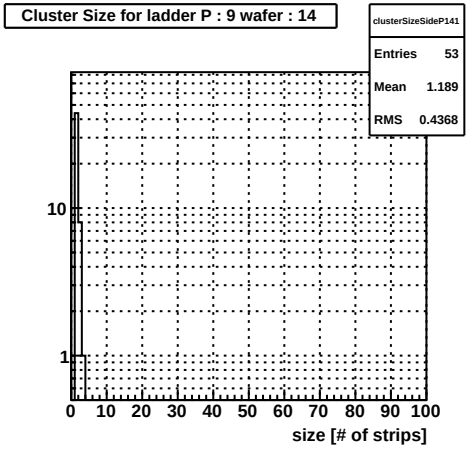

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 185
Mean 1.189
RMS 0.5007
size [# of strips]

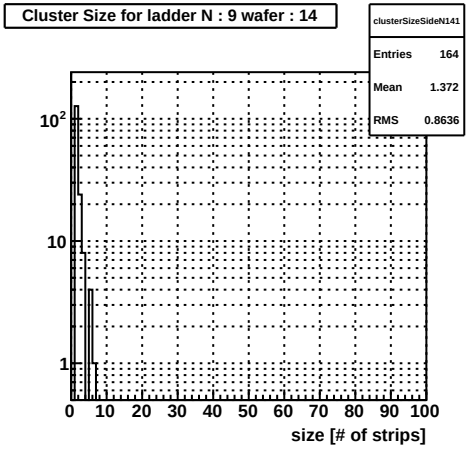

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 37
Mean 1.324
RMS 0.4681
size [# of strips]

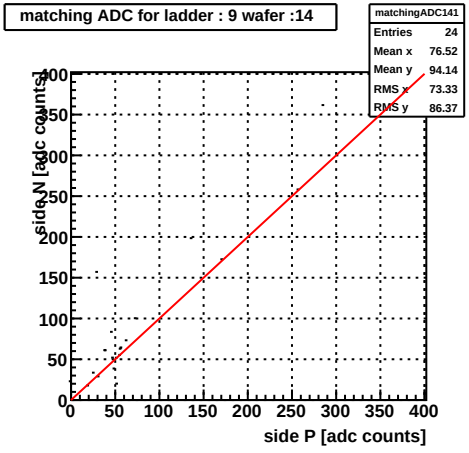

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 31
Mean x 78.23
Mean y 64.55
RMS x 59.62
RMS y 35.77
side N [adc counts]
side P [adc counts]

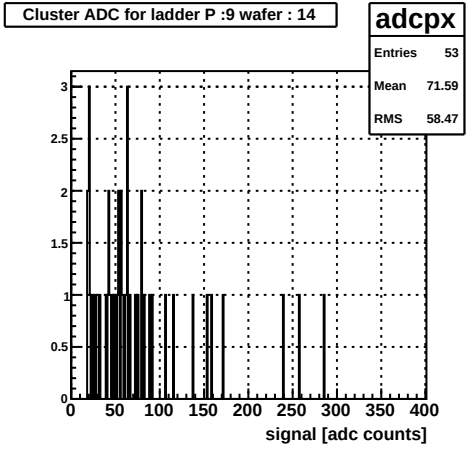

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 185
Mean 44.6
RMS 41.83
signal [adc counts]

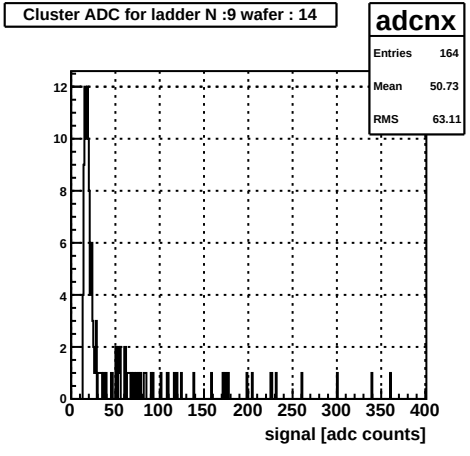

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 37
Mean 58.53
RMS 38.52
signal [adc counts]

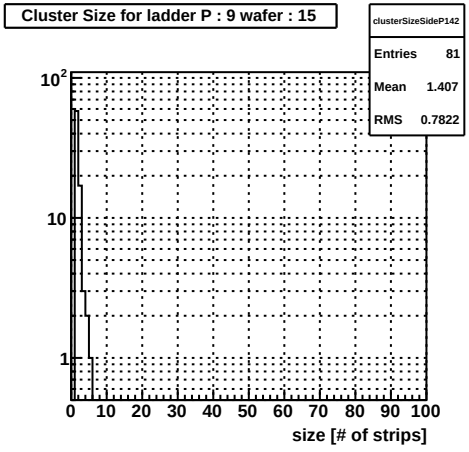

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 53
Mean 1.189
RMS 0.4368
size [# of strips]

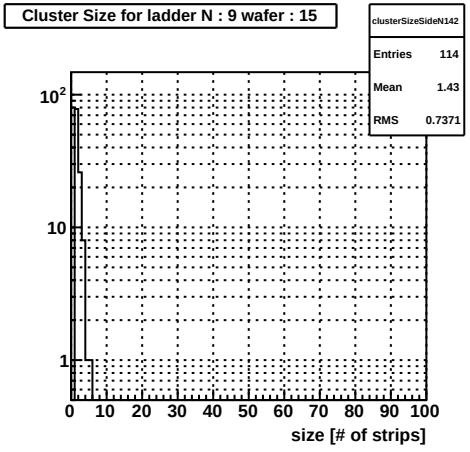

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 164
Mean 1.372
RMS 0.8636
size [# of strips]

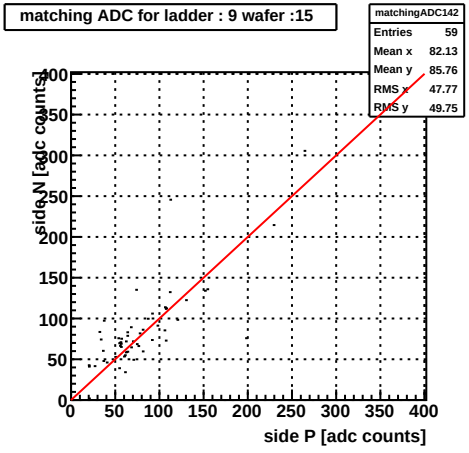

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 24
Mean x 76.52
Mean y 94.14
RMS x 73.33
RMS y 86.37
side N [adc counts]
side P [adc counts]

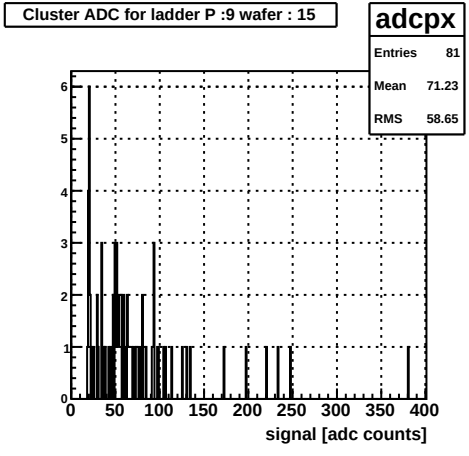

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 53
Mean 71.59
RMS 58.47
signal [adc counts]

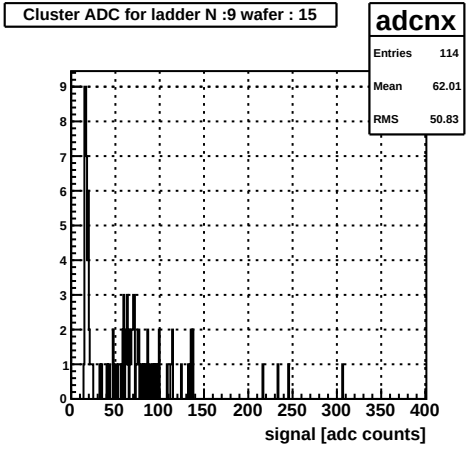

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 164
Mean 50.73
RMS 63.11
signal [adc counts]

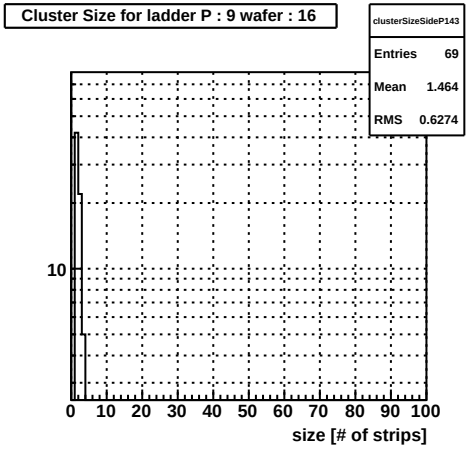

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 81
Mean 1.407
RMS 0.7822
size [# of strips]

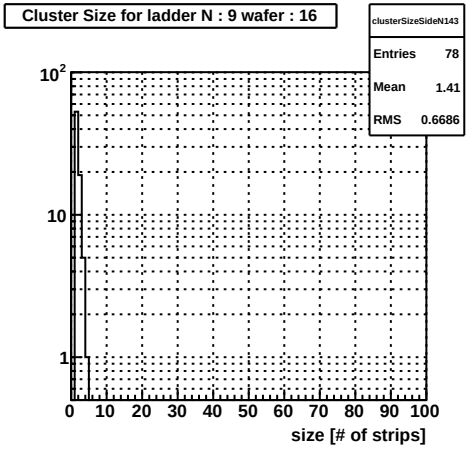

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 114
Mean 1.43
RMS 0.7371
size [# of strips]

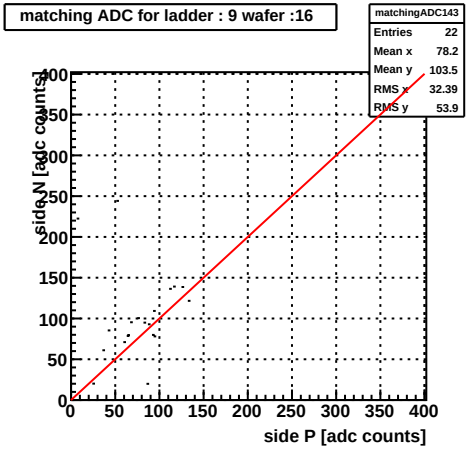

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 59
Mean x 82.13
Mean y 85.76
RMS x 47.77
RMS y 49.75
side N [adc counts]
side P [adc counts]

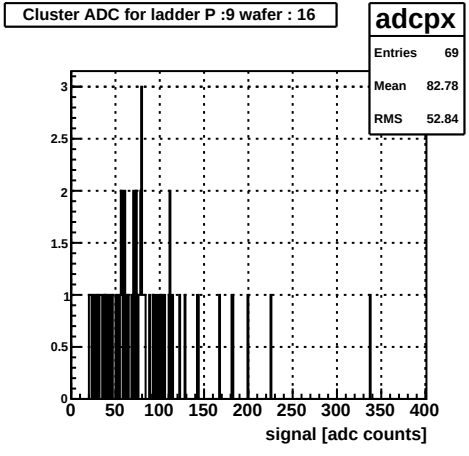

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 81
Mean 71.23
RMS 58.65
signal [adc counts]

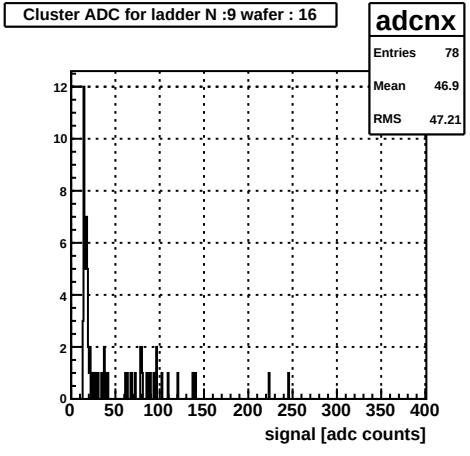

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 114
Mean 62.01
RMS 50.83
signal [adc counts]

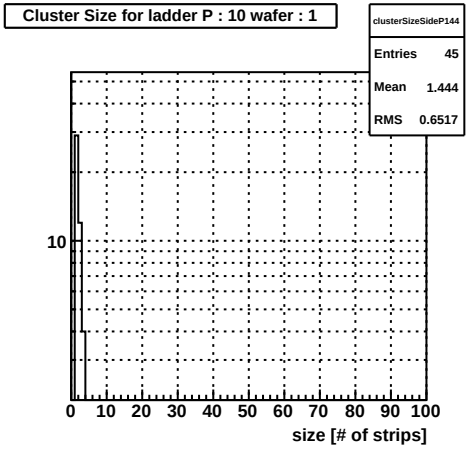

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 69
Mean 1.464
RMS 0.6274
size [# of strips]

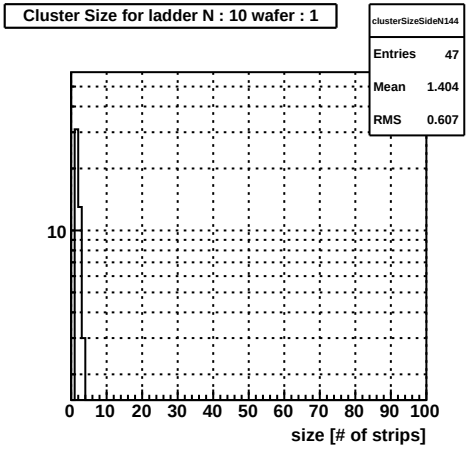

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 78
Mean 1.41
RMS 0.6686
size [# of strips]

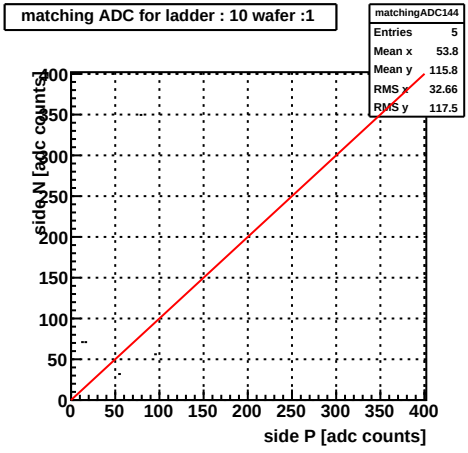

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 22
Mean x 78.2
Mean y 103.5
RMS x 32.39
RMS y 53.9
side N [adc counts]
side P [adc counts]

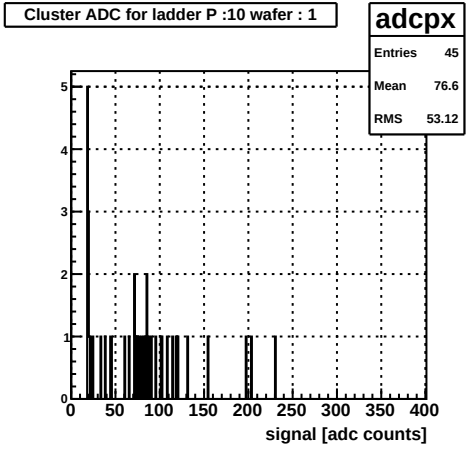

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 69
Mean 82.78
RMS 52.84
signal [adc counts]

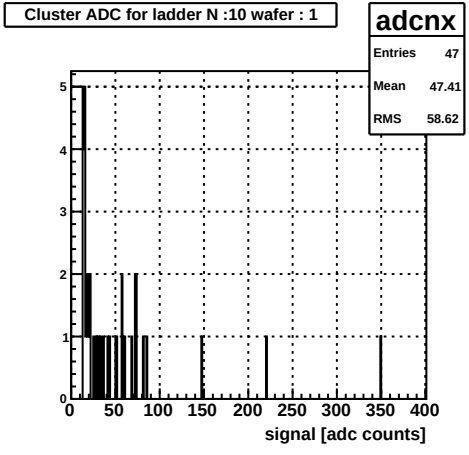

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 78
Mean 46.9
RMS 47.21
signal [adc counts]

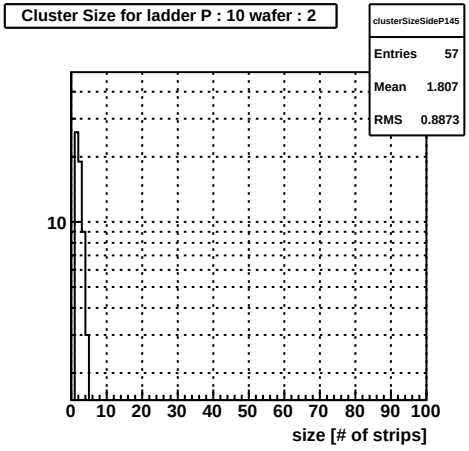

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 45
Mean 1.444
RMS 0.6517
10
0 10 20 30 40 50 60 70 80 90 100
size [# of strips]

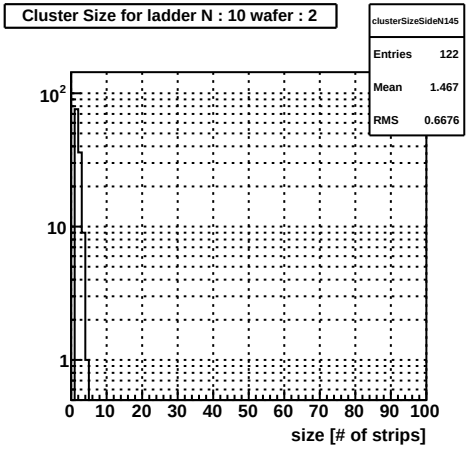

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 47
Mean 1.404
RMS 0.607
10
0 10 20 30 40 50 60 70 80 90 100
size [# of strips]

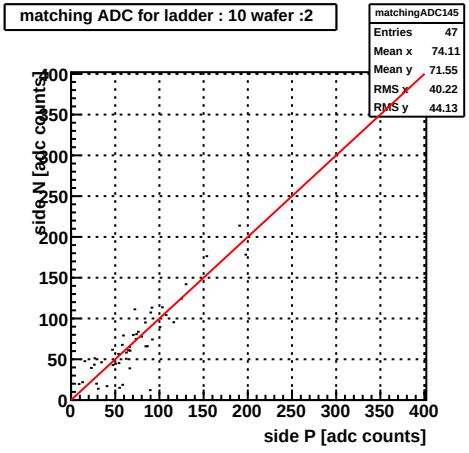

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 5
Mean x 53.8
Mean y 115.8
RMS x 32.66
RMS y 117.5
side N [adc counts]
0 50 100 150 200 250 300 350 400
side P [adc counts]

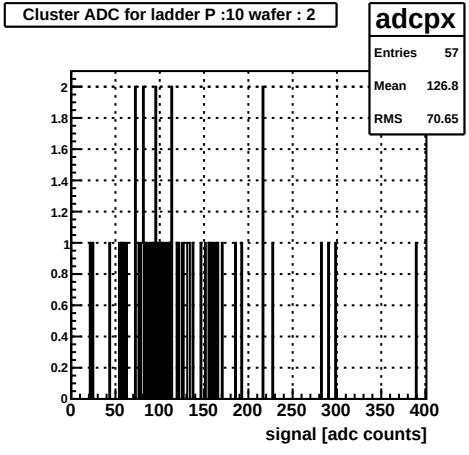

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 45
Mean 76.6
RMS 53.12
0 1 2 3 4 5
0 50 100 150 200 250 300 350 400
signal [adc counts]

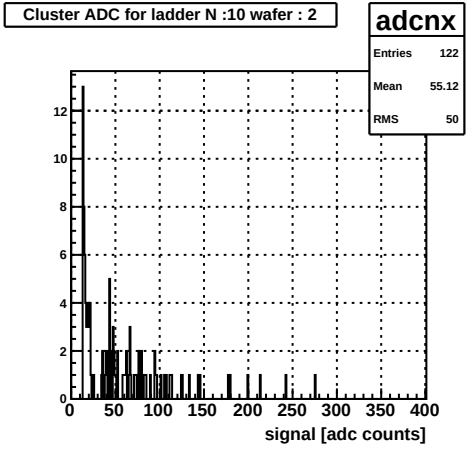

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 47
Mean 47.41
RMS 58.62
0 1 2 3 4 5
0 50 100 150 200 250 300 350 400
signal [adc counts]

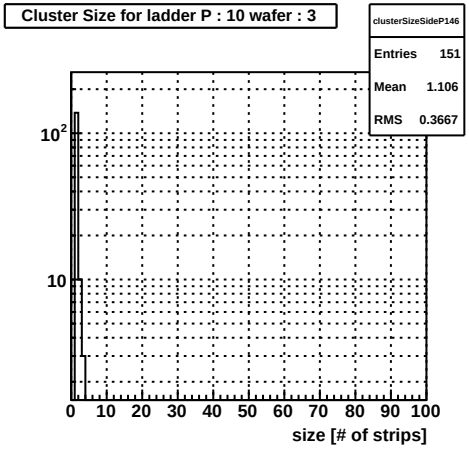

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 57
Mean 1.807
RMS 0.8873
size [# of strips]

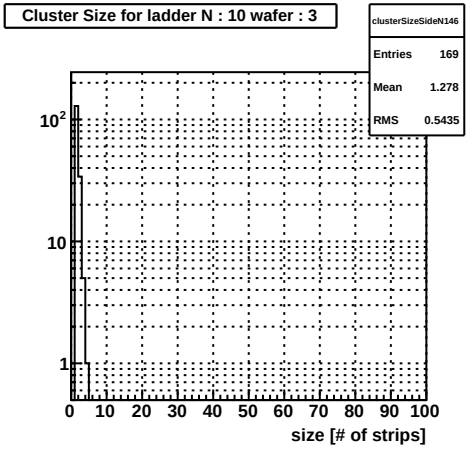

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 122
Mean 1.467
RMS 0.6676
size [# of strips]

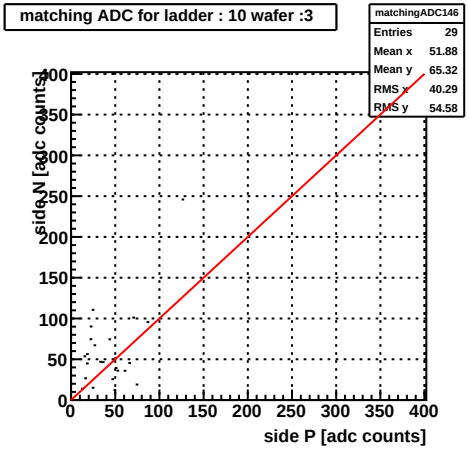

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 47
Mean x 74.11
Mean y 71.55
RMS x 40.22
RMS y 44.13
side N [adc counts]
side P [adc counts]

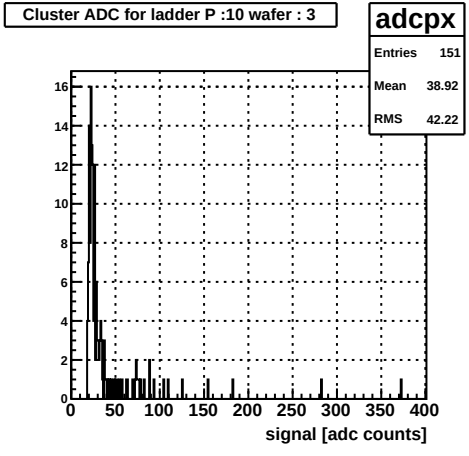

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 57
Mean 126.8
RMS 70.65
signal [adc counts]

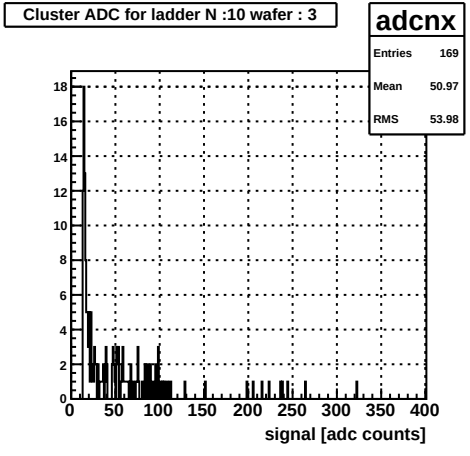

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 122
Mean 55.12
RMS 50
signal [adc counts]

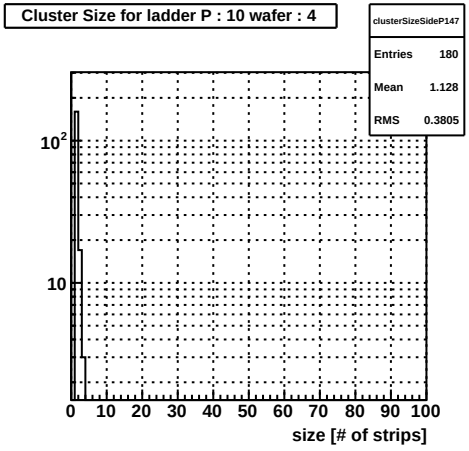

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 151
Mean 1.106
RMS 0.3667
size [# of strips]

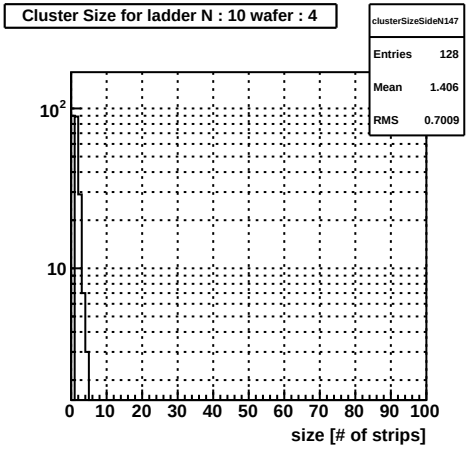

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 169
Mean 1.278
RMS 0.5435
size [# of strips]

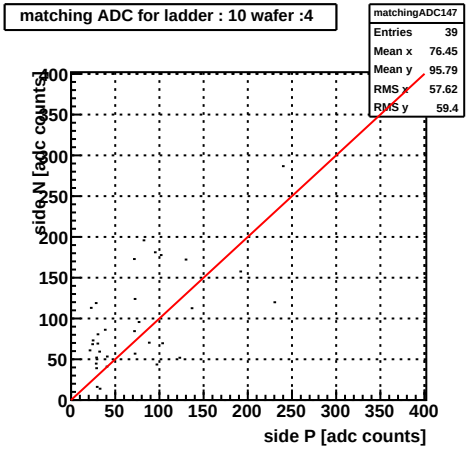

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 29
Mean x 51.88
Mean y 65.32
RMS x 40.29
RMS y 54.58
side N [adc counts]
side P [adc counts]

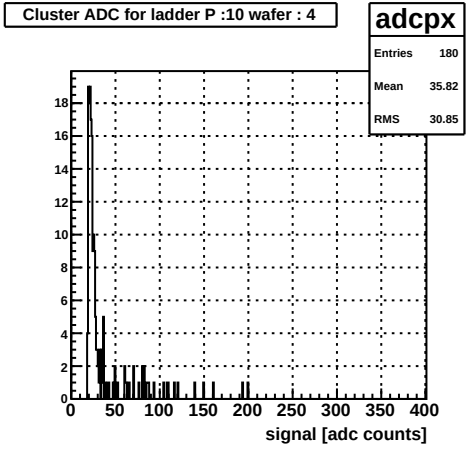

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 151
Mean 38.92
RMS 42.22
signal [adc counts]

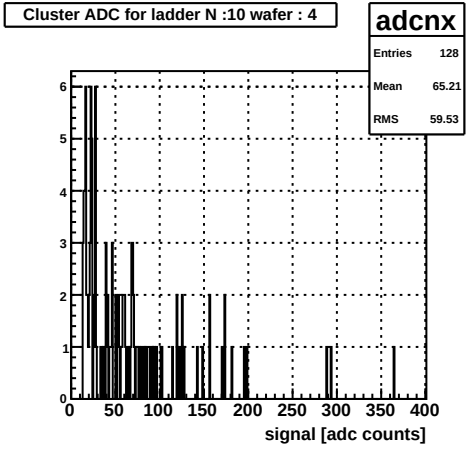

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 169
Mean 50.97
RMS 53.98
signal [adc counts]

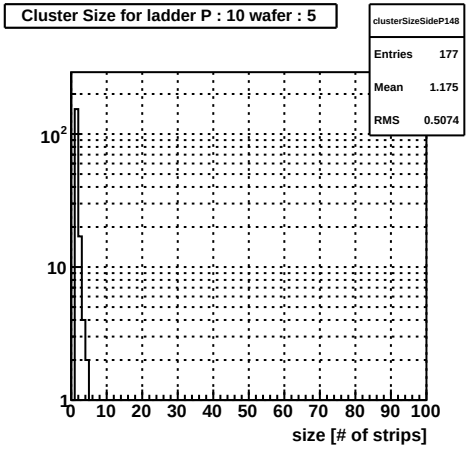

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 180
Mean 1.128
RMS 0.3805
size [# of strips]

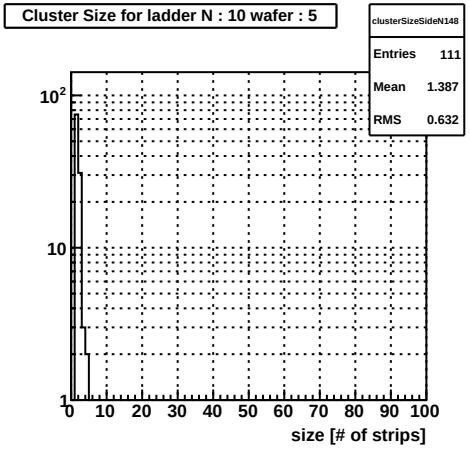

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 128
Mean 1.406
RMS 0.7009
size [# of strips]

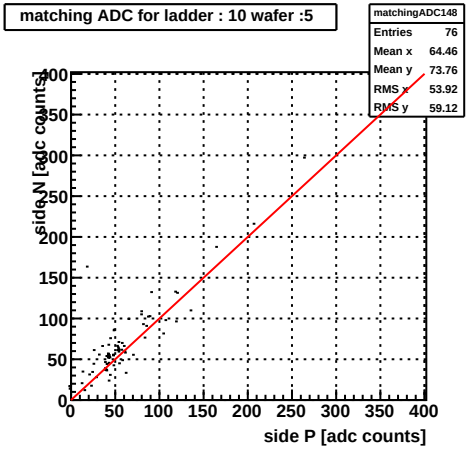

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 39
Mean x 76.45
Mean y 95.79
RMS x 57.62
RMS y 59.4
side N [adc counts]
side P [adc counts]

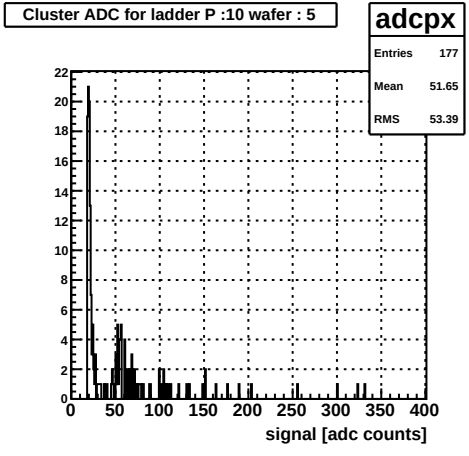

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 180
Mean 35.82
RMS 30.85
signal [adc counts]

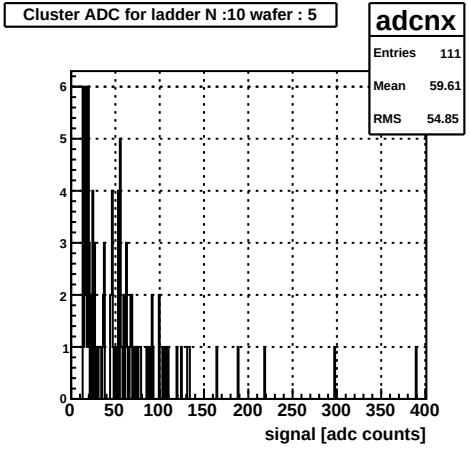

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 128
Mean 65.21
RMS 59.53
signal [adc counts]

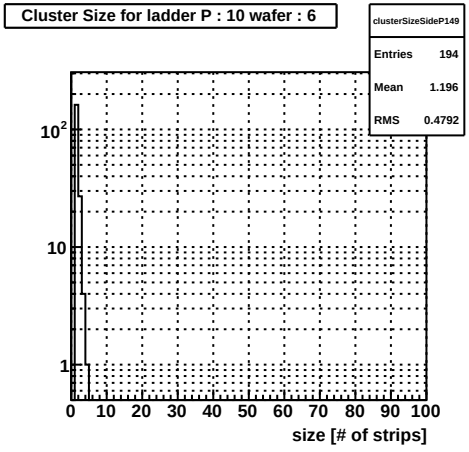

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 177
Mean 1.175
RMS 0.5074
size [# of strips]

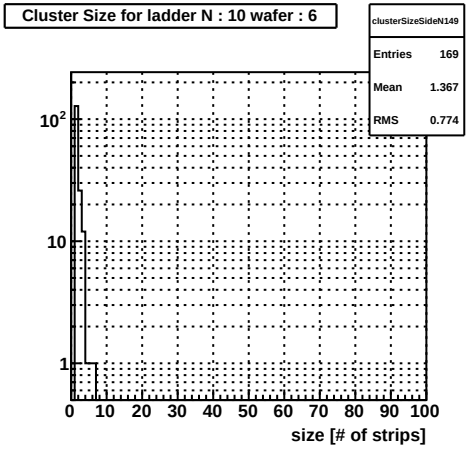

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 111
Mean 1.387
RMS 0.632
size [# of strips]

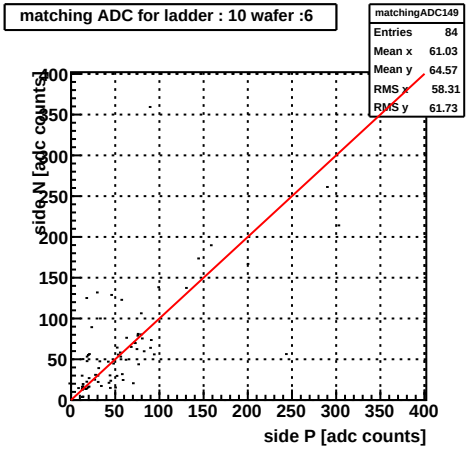

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 76
Mean x 64.46
Mean y 73.76
RMS x 53.92
RMS y 59.12
side N [adc counts]
side P [adc counts]

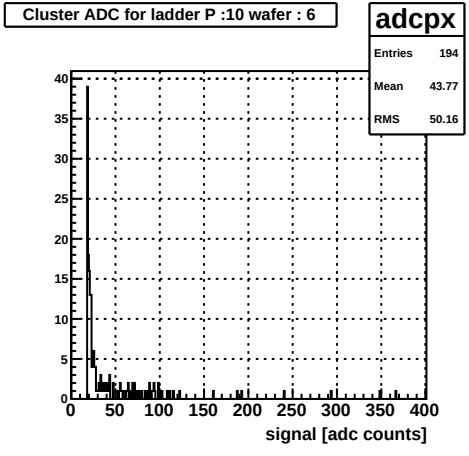

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 177
Mean 51.65
RMS 53.39
signal [adc counts]

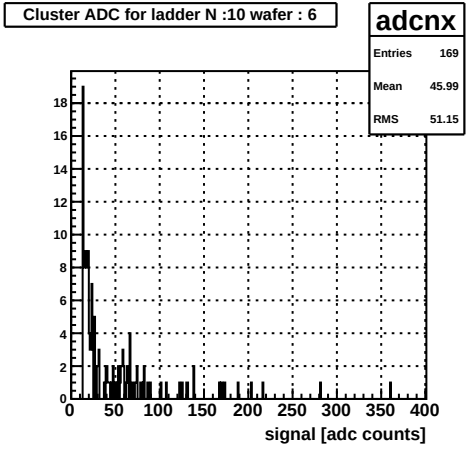

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 111
Mean 59.61
RMS 54.85
signal [adc counts]

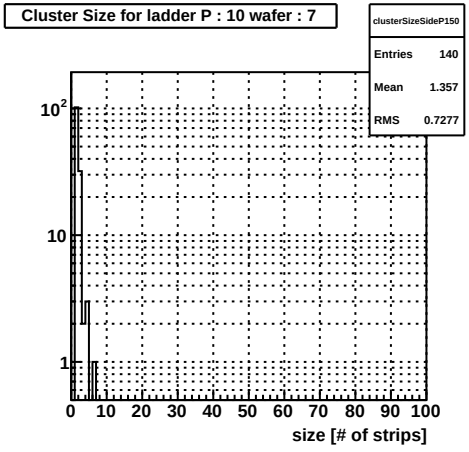

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 194
Mean 1.196
RMS 0.4792
size [# of strips]

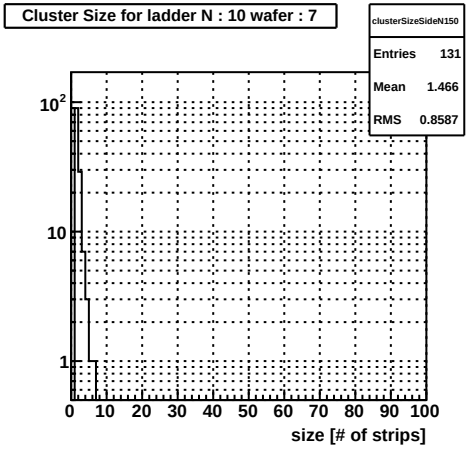

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 169
Mean 1.367
RMS 0.774
size [# of strips]

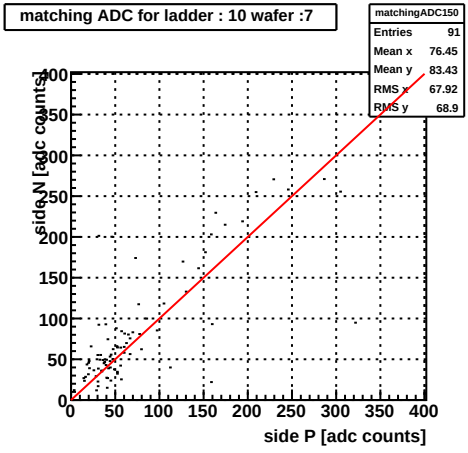

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 84
Mean x 61.03
Mean y 64.57
RMS x 58.31
RMS y 61.73
side N [adc counts]
side P [adc counts]

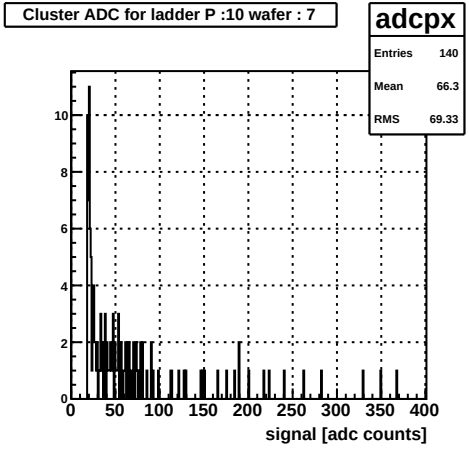

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 194
Mean 43.77
RMS 50.16
signal [adc counts]

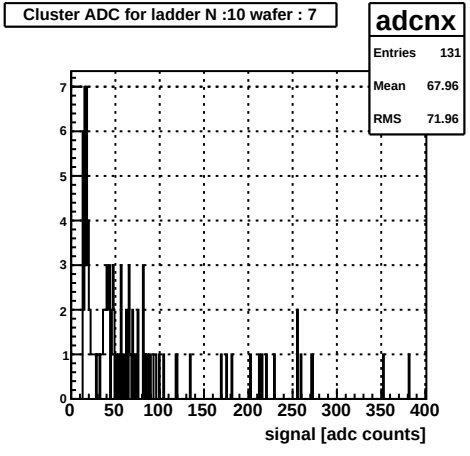

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 169
Mean 45.99
RMS 51.15
signal [adc counts]

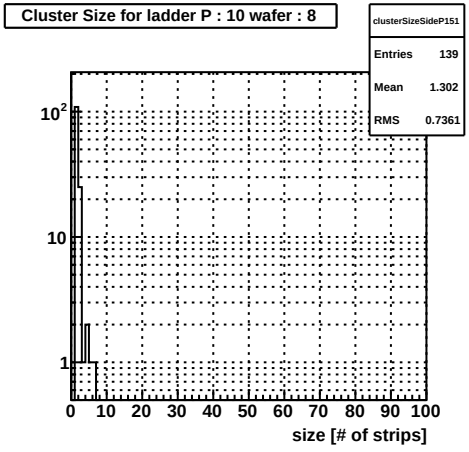

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 140
Mean 1.357
RMS 0.7277
size [# of strips]

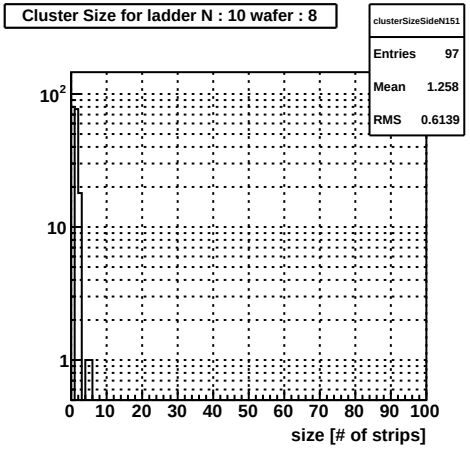

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 131
Mean 1.466
RMS 0.8587
size [# of strips]

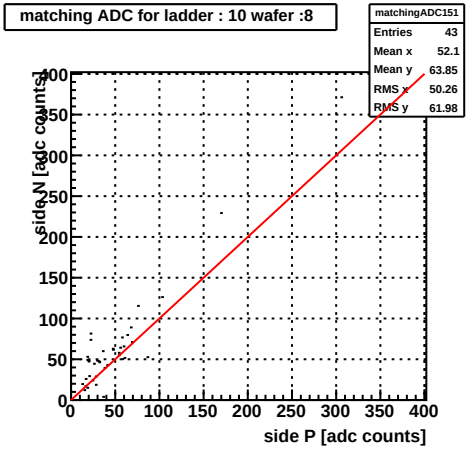

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 91
Mean x 76.45
Mean y 83.43
RMS x 67.92
RMS y 68.9
side N [adc counts]
side P [adc counts]

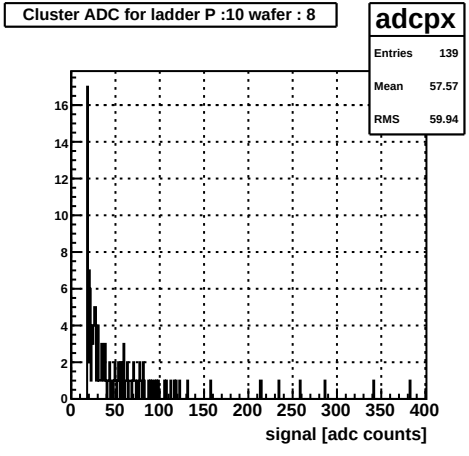

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 140
Mean 66.3
RMS 69.33
signal [adc counts]

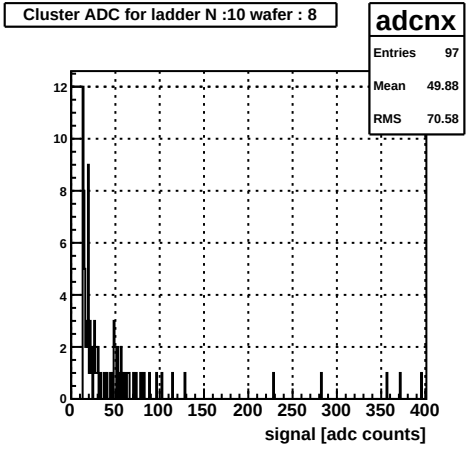

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 131
Mean 67.96
RMS 71.96
signal [adc counts]

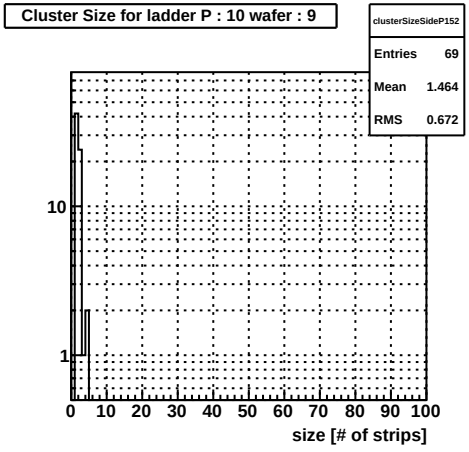

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 139
Mean 1.302
RMS 0.7361
size [# of strips]

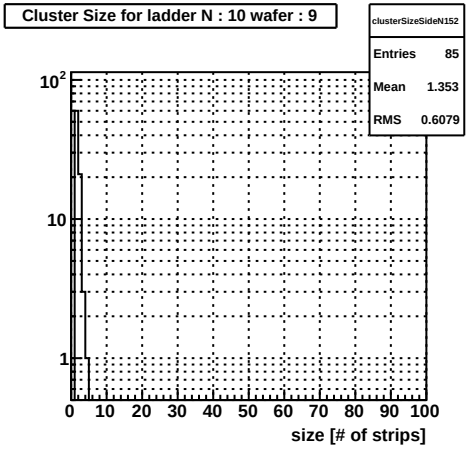

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 97
Mean 1.258
RMS 0.6139
size [# of strips]

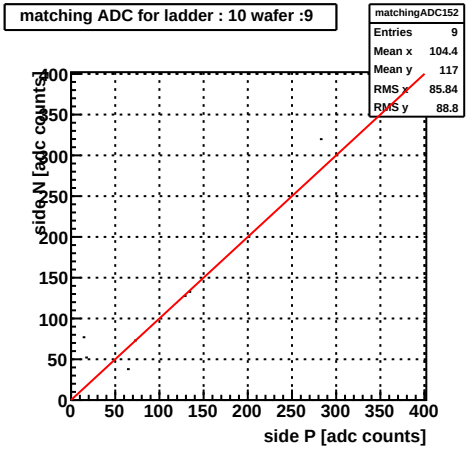

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 43
Mean x 52.1
Mean y 63.85
RMS x 50.26
RMS y 61.98
side N [adc counts]
side P [adc counts]

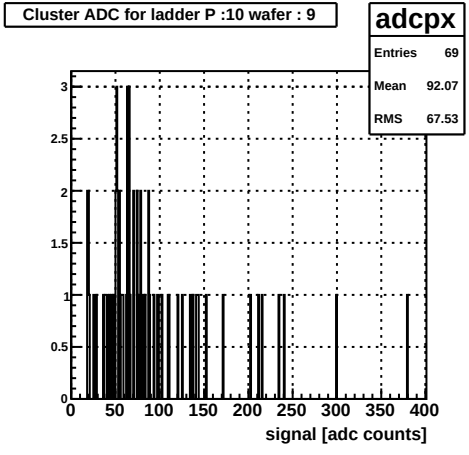

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 139
Mean 57.57
RMS 59.94
signal [adc counts]

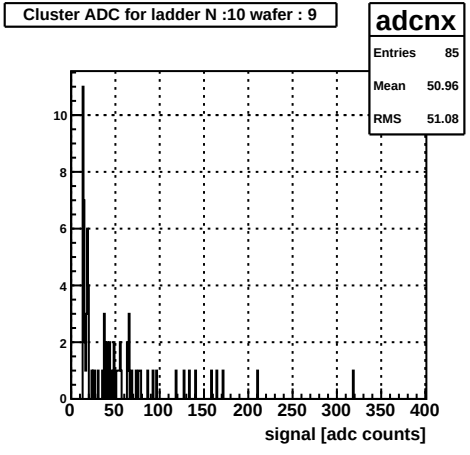

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 97
Mean 49.88
RMS 70.58
signal [adc counts]

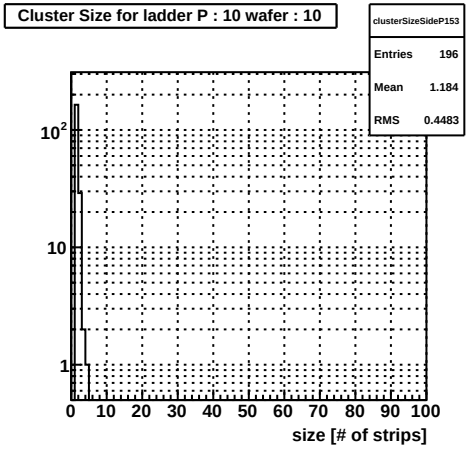

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 69
Mean 1.464
RMS 0.672
size [# of strips]

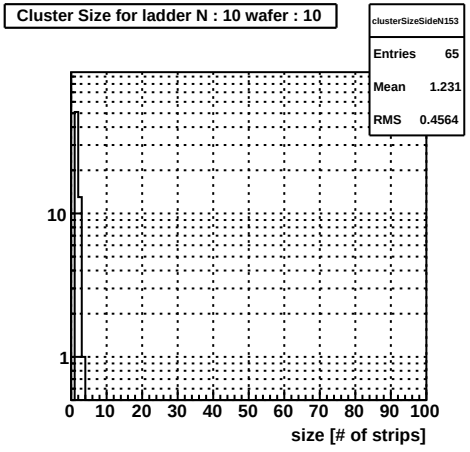

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 85
Mean 1.353
RMS 0.6079
size [# of strips]

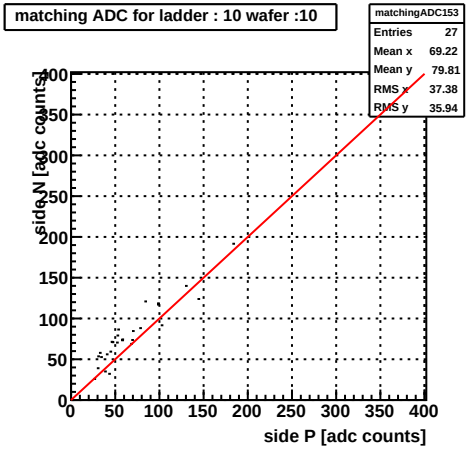

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 9
Mean x 104.4
Mean y 117
RMS x 85.84
RMS y 88.8
side N [adc counts]
side P [adc counts]

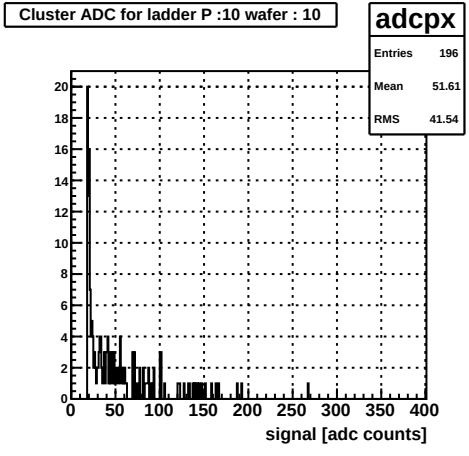

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 69
Mean 92.07
RMS 67.53
signal [adc counts]

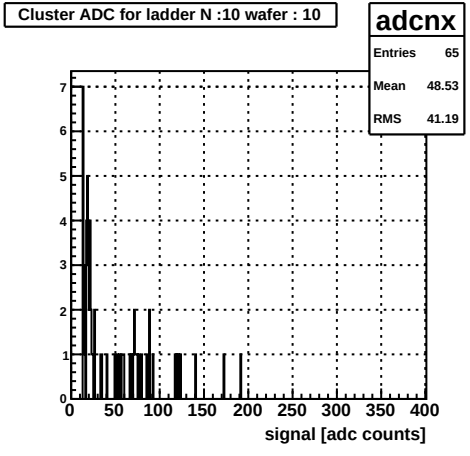

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 85
Mean 50.96
RMS 51.08
signal [adc counts]

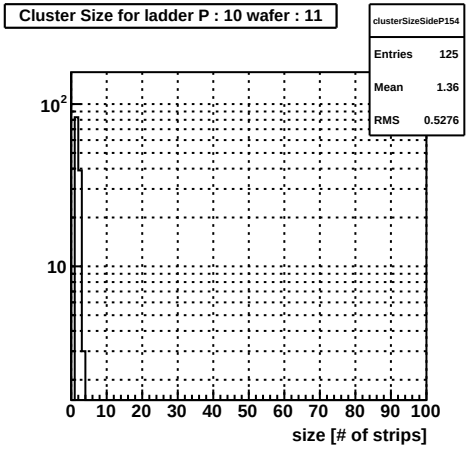

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 196
Mean 1.184
RMS 0.4483
size [# of strips]

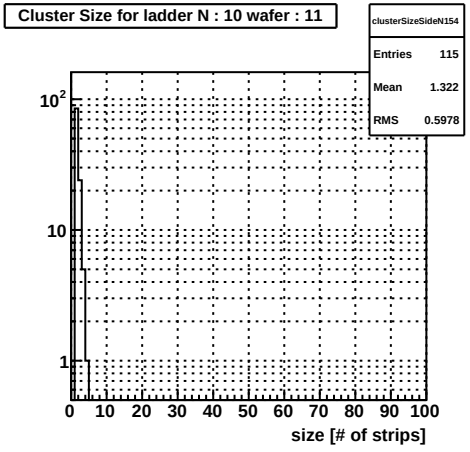

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 65
Mean 1.231
RMS 0.4564
size [# of strips]

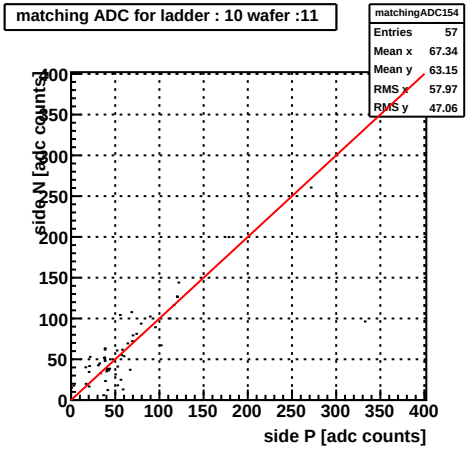

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 27
Mean x 69.22
Mean y 79.81
RMS x 37.38
RMS y 35.94
side N [adc counts]
side P [adc counts]

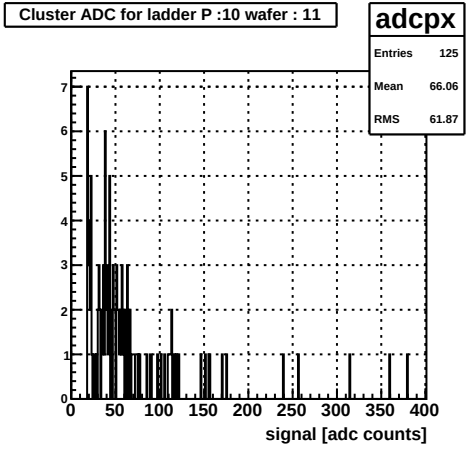

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 196
Mean 51.61
RMS 41.54
signal [adc counts]

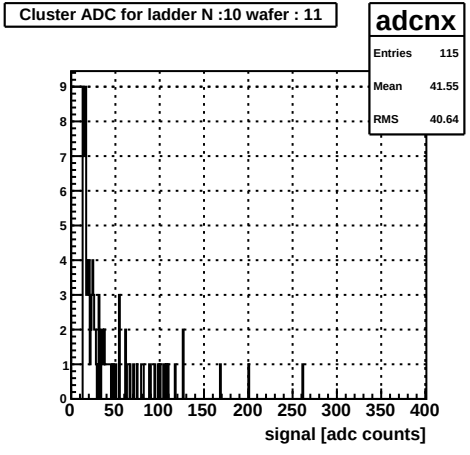

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 65
Mean 48.53
RMS 41.19
signal [adc counts]

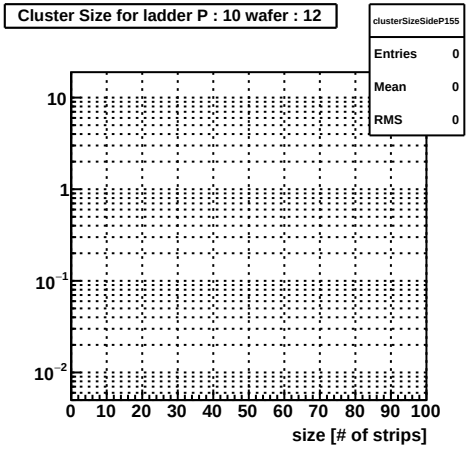

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 125
Mean 1.36
RMS 0.5276
size [# of strips]

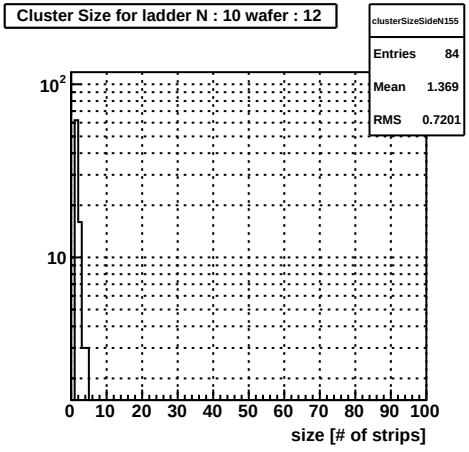

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 115
Mean 1.322
RMS 0.5978
size [# of strips]

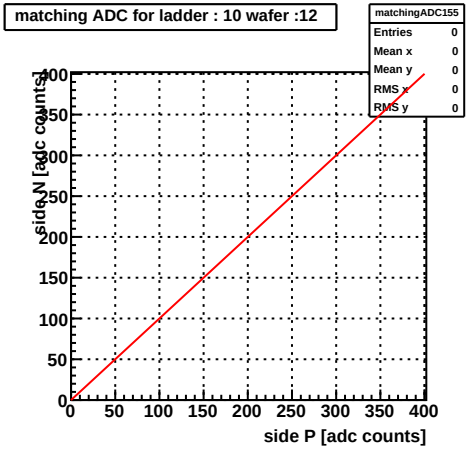

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 57
Mean x 67.34
Mean y 63.15
RMS x 57.97
RMS y 47.06
side N [adc counts]
side P [adc counts]

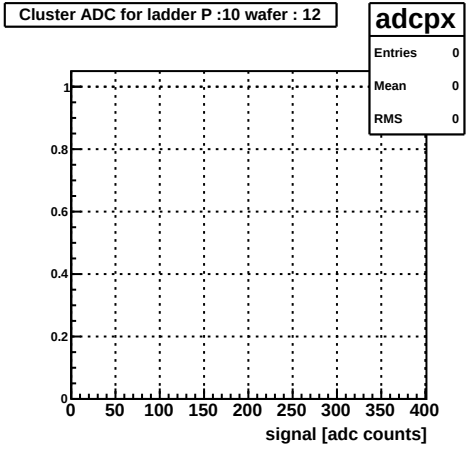

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 125
Mean 66.06
RMS 61.87
signal [adc counts]

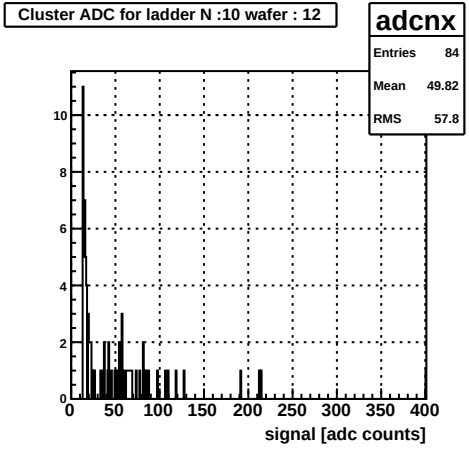

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 115
Mean 41.55
RMS 40.64
signal [adc counts]

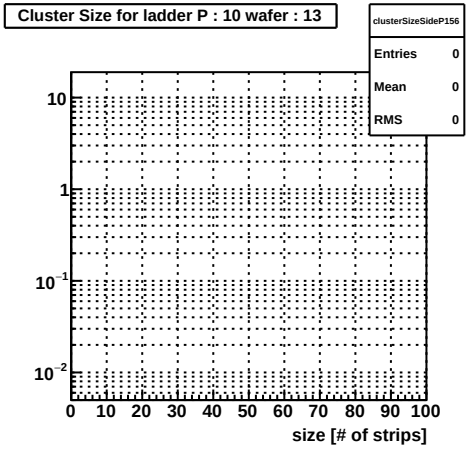

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

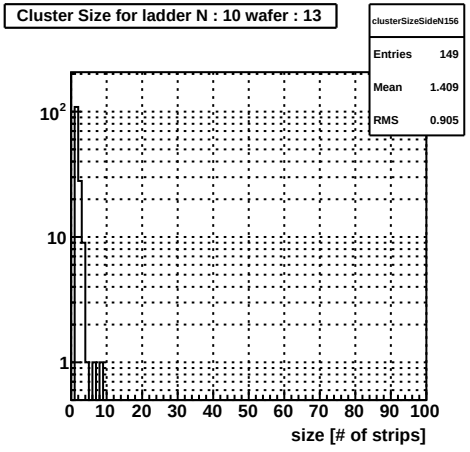

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 84
Mean 1.369
RMS 0.7201
size [# of strips]

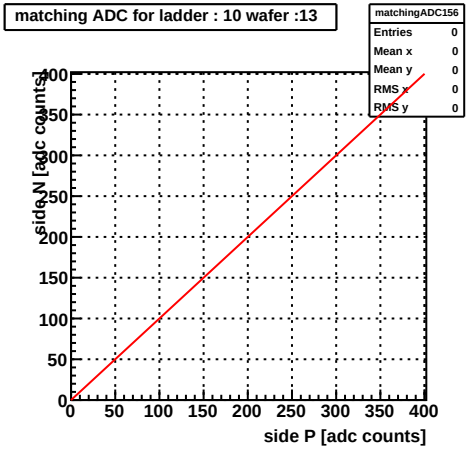

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

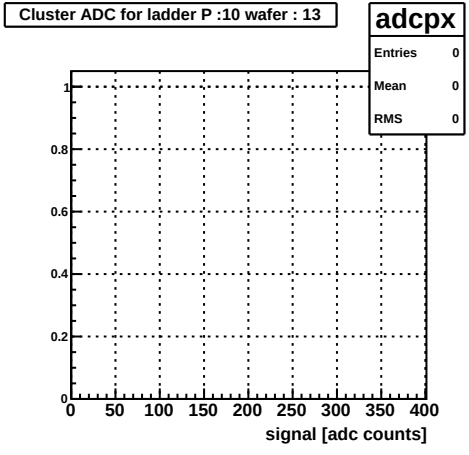

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

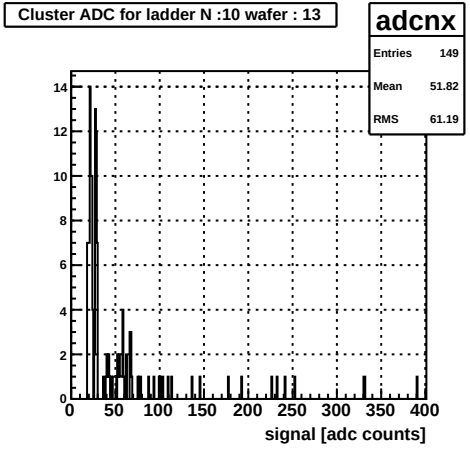

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 84
Mean 49.82
RMS 57.8
signal [adc counts]

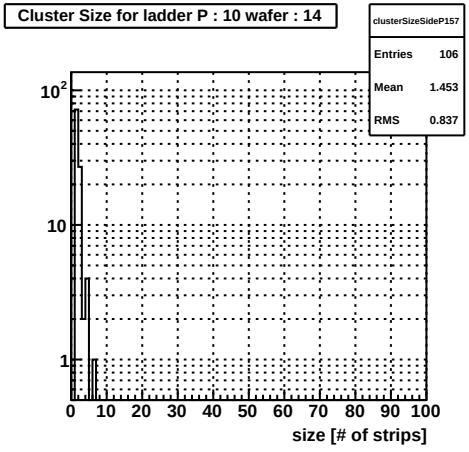

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

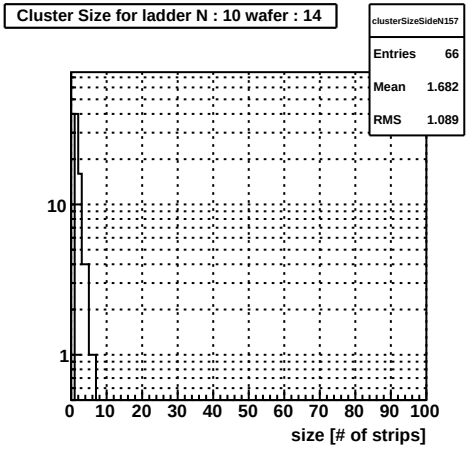

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 149
Mean 1.409
RMS 0.905
size [# of strips]

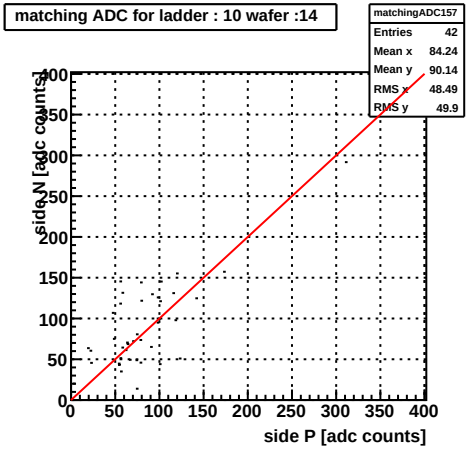

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

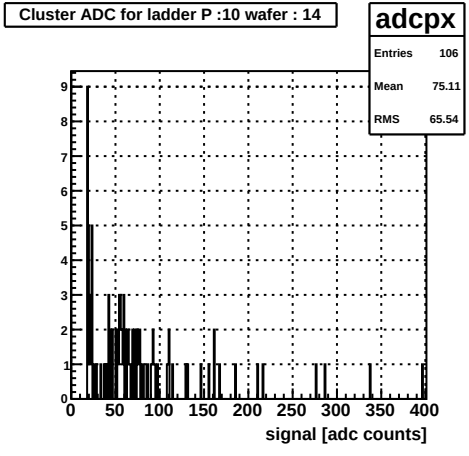

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

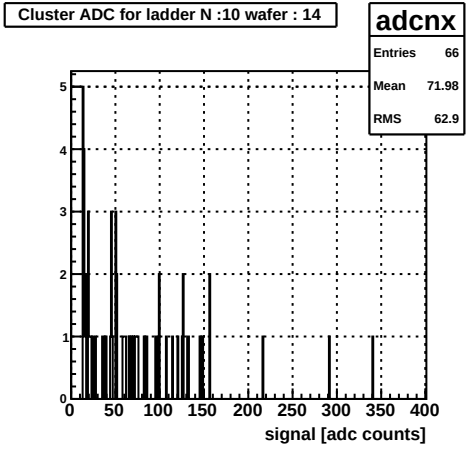

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 149
Mean 51.82
RMS 61.19
signal [adc counts]

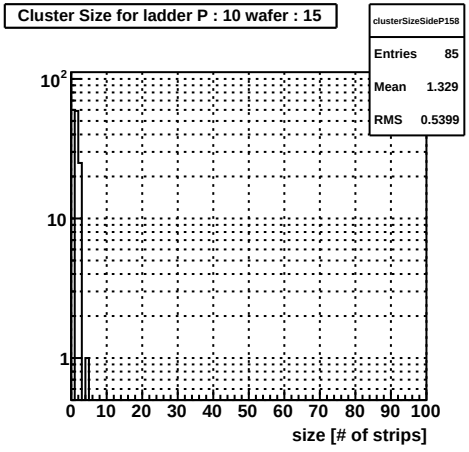

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 106
Mean 1.453
RMS 0.837
size [# of strips]

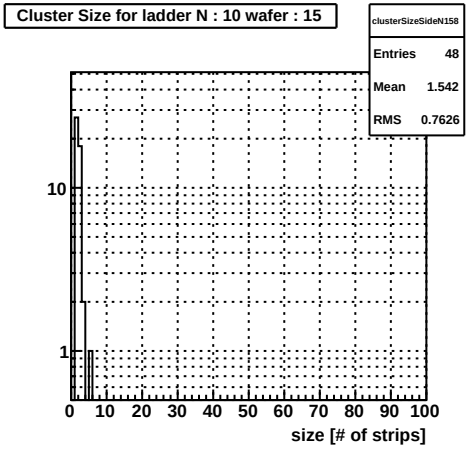

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 66
Mean 1.682
RMS 1.089
size [# of strips]

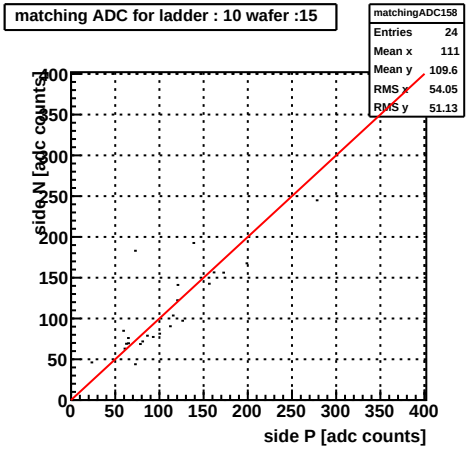

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 42
Mean x 84.24
Mean y 90.14
RMS x 48.49
RMS y 49.9
side N [adc counts]
side P [adc counts]

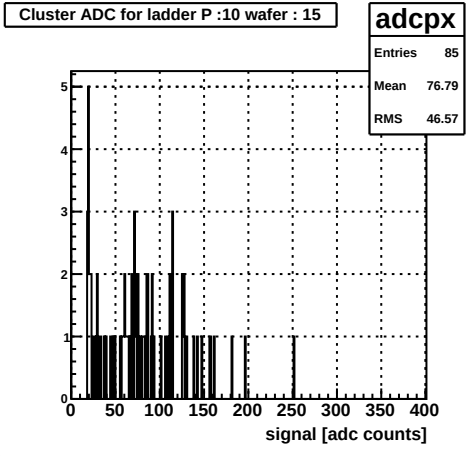

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 106
Mean 75.11
RMS 65.54
signal [adc counts]

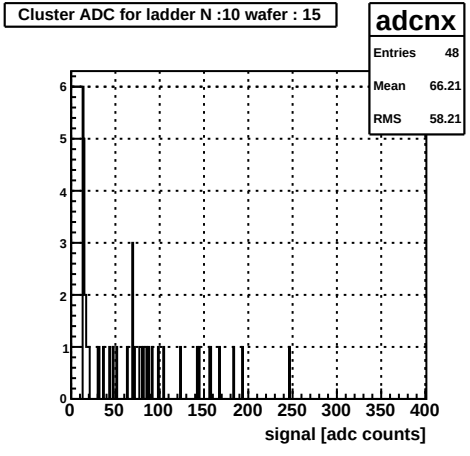

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 66
Mean 71.98
RMS 62.9
signal [adc counts]

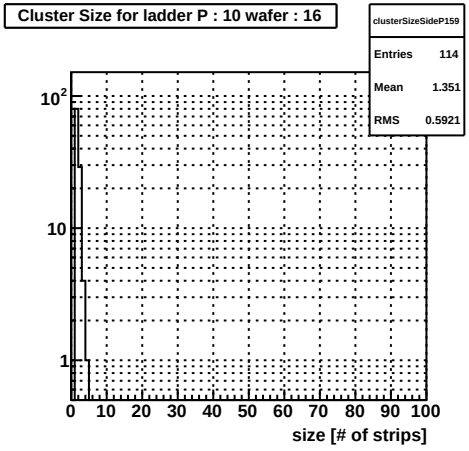

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 85
Mean 1.329
RMS 0.5399
size [# of strips]

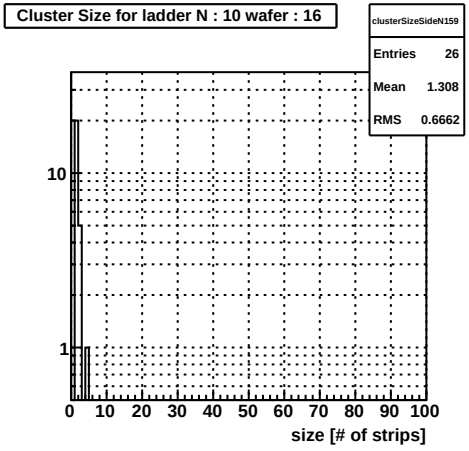

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 48
Mean 1.542
RMS 0.7626
size [# of strips]

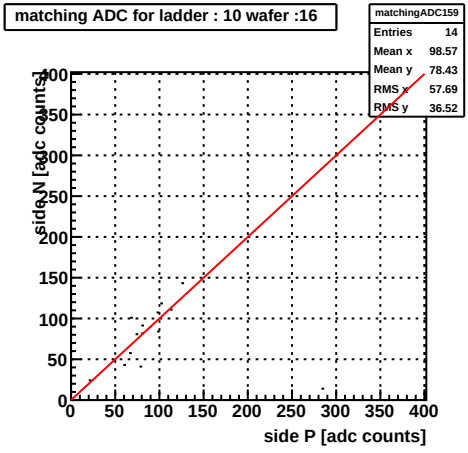

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 24
Mean x 111
Mean y 109.6
RMS x 54.05
RMS y 51.13
side N [adc counts]
side P [adc counts]

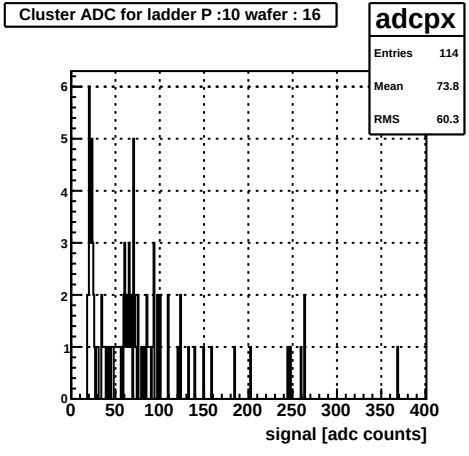

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 85
Mean 76.79
RMS 46.57
signal [adc counts]

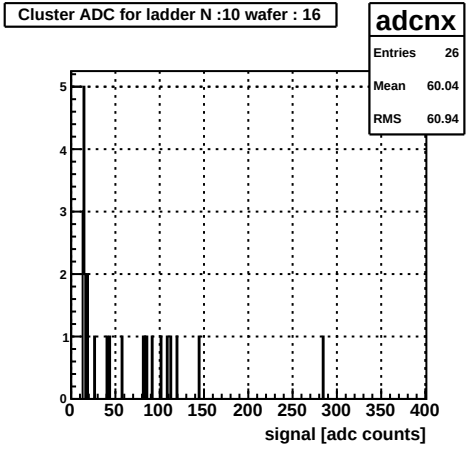

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 48
Mean 66.21
RMS 58.21
signal [adc counts]

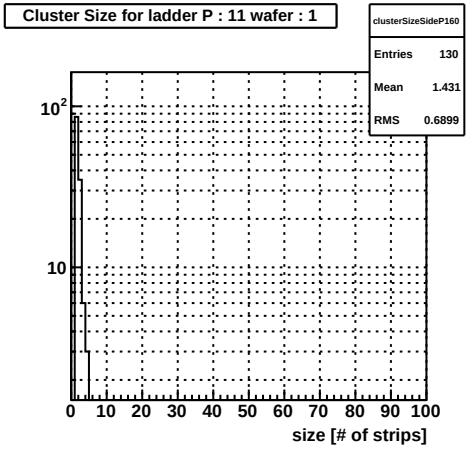

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 114
Mean 1.351
RMS 0.5921
size [# of strips]

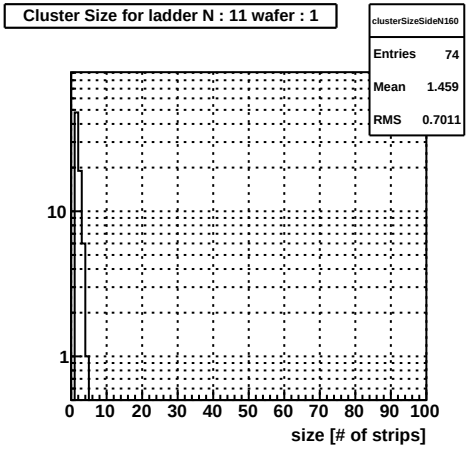

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 26
Mean 1.308
RMS 0.6662
size [# of strips]

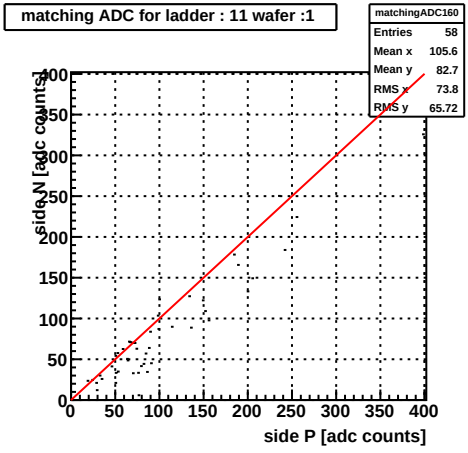

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 14
Mean x 98.57
Mean y 78.43
RMS x 57.69
RMS y 36.52
side N [adc counts]
side P [adc counts]

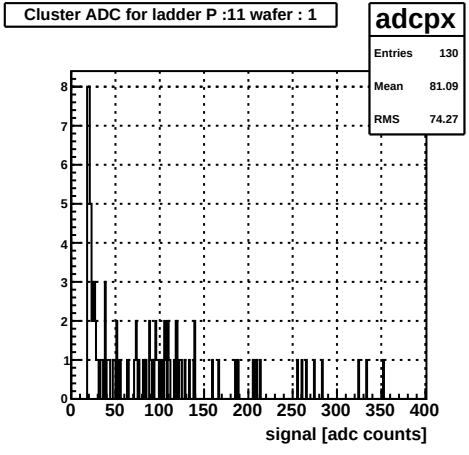

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 114
Mean 73.8
RMS 60.3
signal [adc counts]

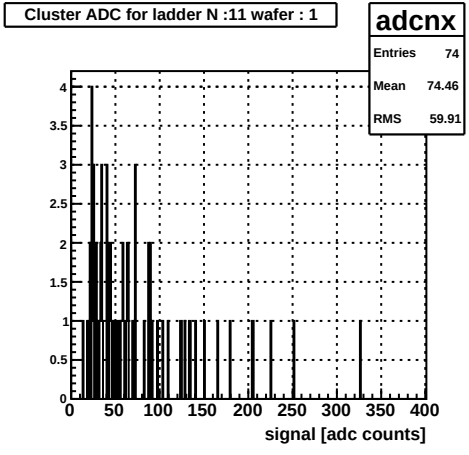

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 26
Mean 60.04
RMS 60.94
signal [adc counts]

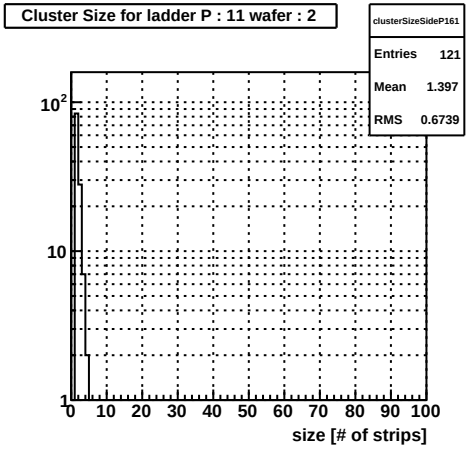

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 130
Mean 1.431
RMS 0.6899
size [# of strips]

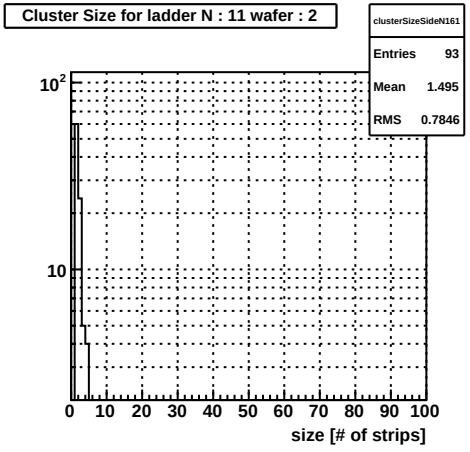

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 74
Mean 1.459
RMS 0.7011
size [# of strips]

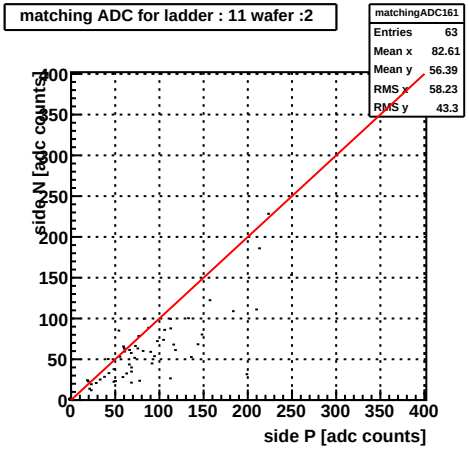

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 58
Mean x 105.6
Mean y 82.7
RMS x 73.8
RMS y 65.72
side N [adc counts]
side P [adc counts]

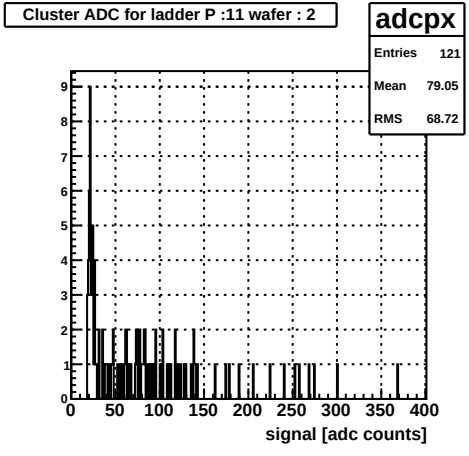

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 130
Mean 81.09
RMS 74.27
signal [adc counts]

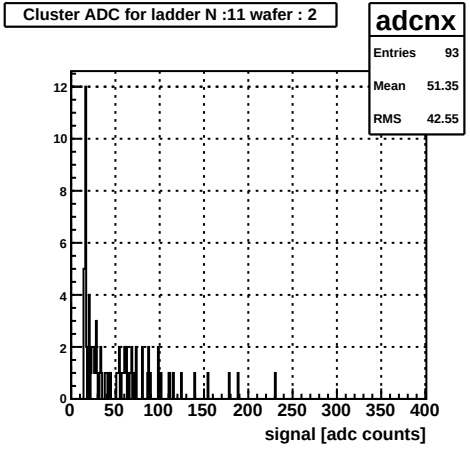

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 74
Mean 74.46
RMS 59.91
signal [adc counts]

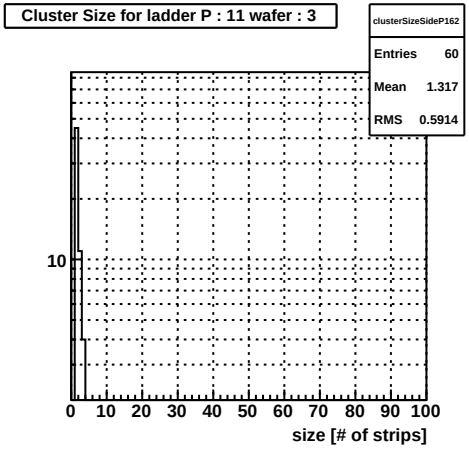

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 121
Mean 1.397
RMS 0.6739
size [# of strips]

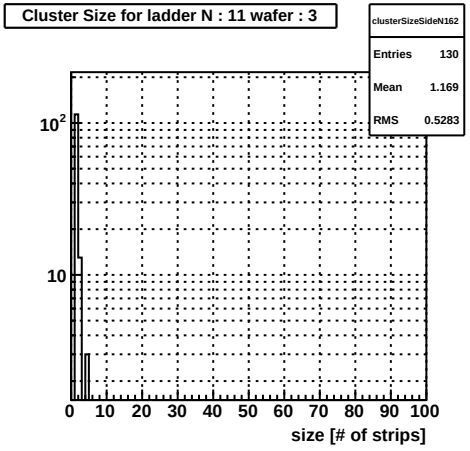

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 93
Mean 1.495
RMS 0.7846
size [# of strips]

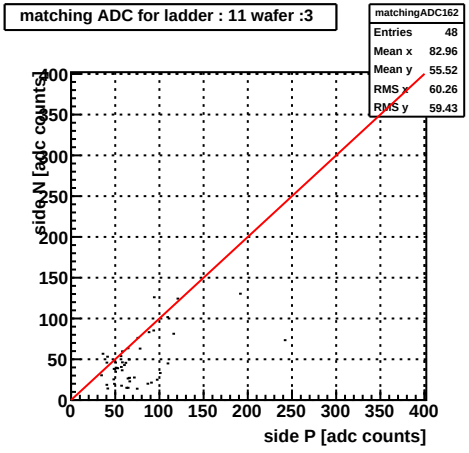

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 63
Mean x 82.61
Mean y 56.39
RMS x 58.23
RMS y 43.3
side N [adc counts]
side P [adc counts]

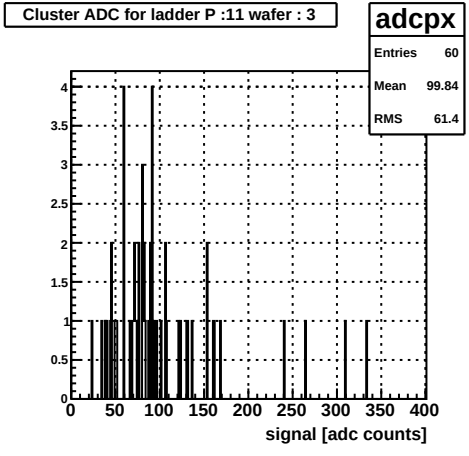

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 121
Mean 79.05
RMS 68.72
signal [adc counts]

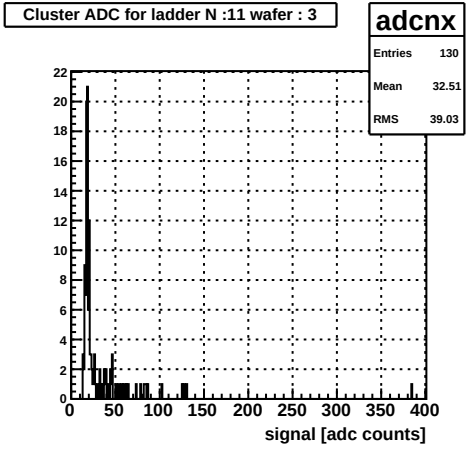

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 93
Mean 51.35
RMS 42.55
signal [adc counts]

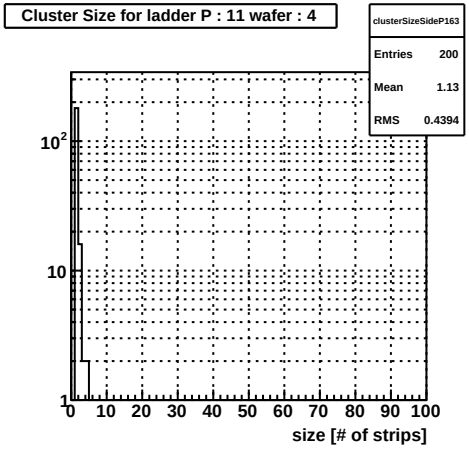

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 60
Mean 1.317
RMS 0.5914
size [# of strips]

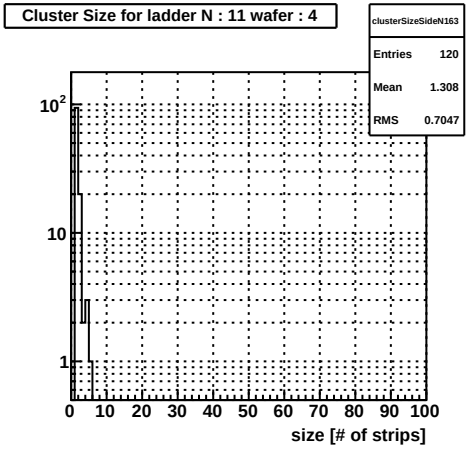

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 130
Mean 1.169
RMS 0.5283
size [# of strips]

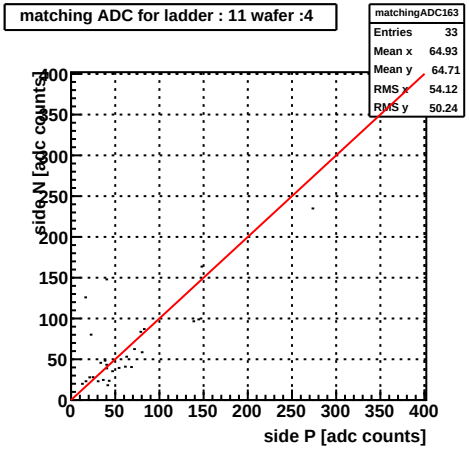

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 48
Mean x 82.96
Mean y 55.52
RMS x 60.26
RMS y 59.43
side N [adc counts]
side P [adc counts]

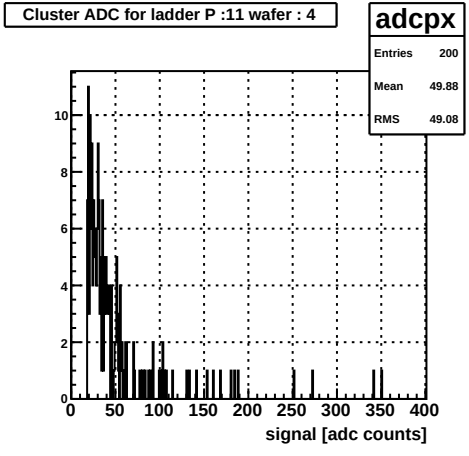

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 60
Mean 99.84
RMS 61.4
signal [adc counts]

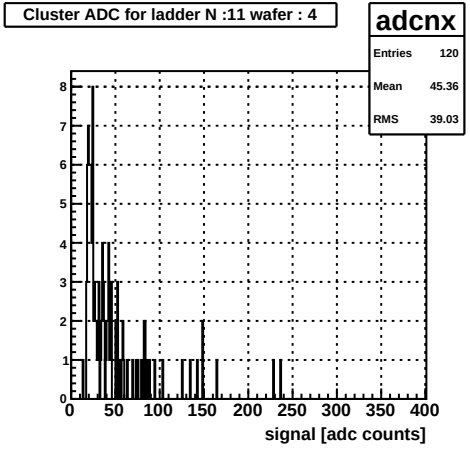

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 130
Mean 32.51
RMS 39.03
signal [adc counts]

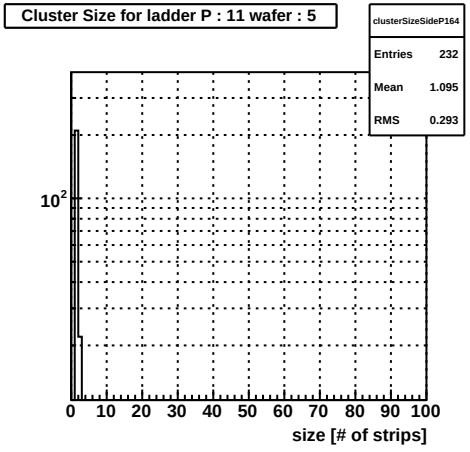

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 200
Mean 1.13
RMS 0.4394
size [# of strips]

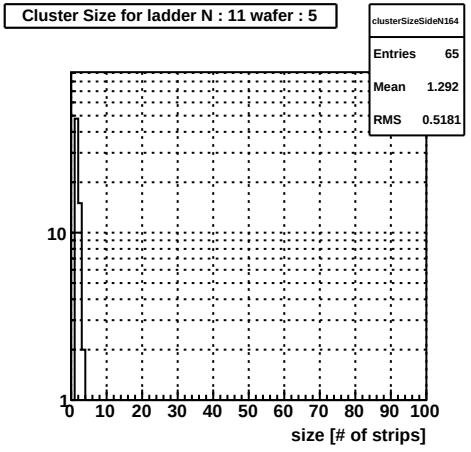

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 120
Mean 1.308
RMS 0.7047
size [# of strips]

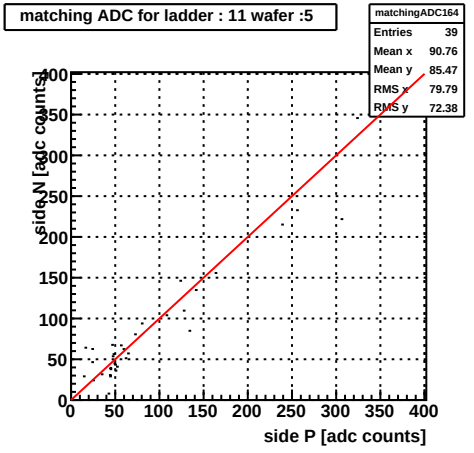

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 33
Mean x 64.93
Mean y 64.71
RMS x 54.12
RMS y 50.24
side N [adc counts]
side P [adc counts]

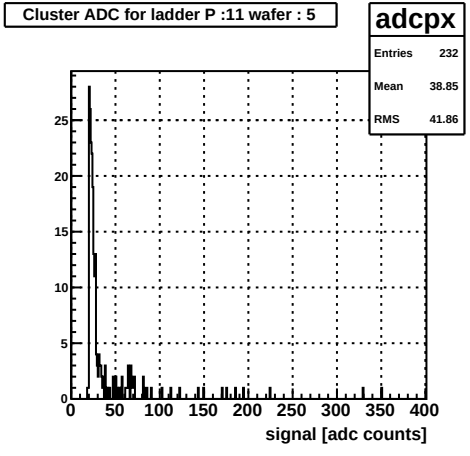

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 200
Mean 49.88
RMS 49.08
signal [adc counts]

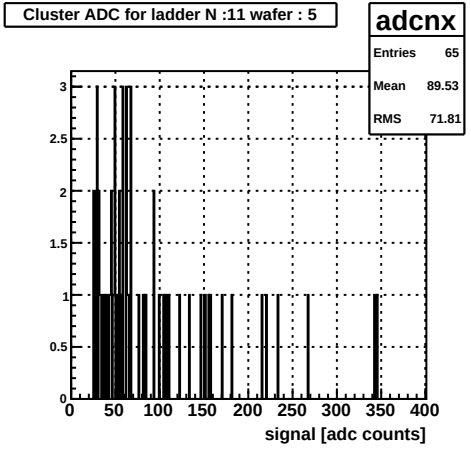

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 120
Mean 45.36
RMS 39.03
signal [adc counts]

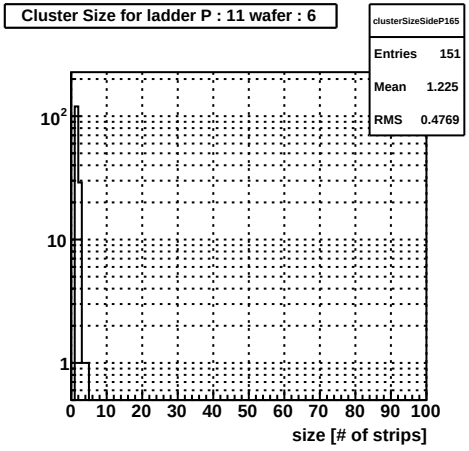

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 232
Mean 1.095
RMS 0.293
size [# of strips]

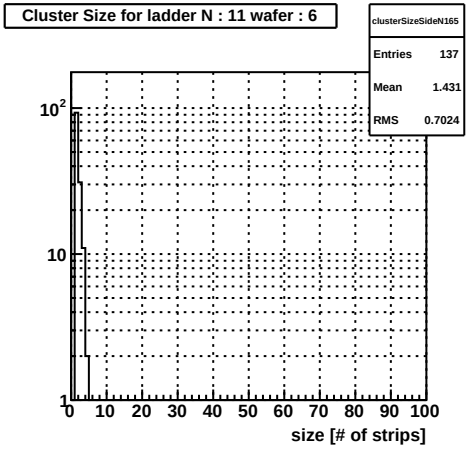

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 65
Mean 1.292
RMS 0.5181
size [# of strips]

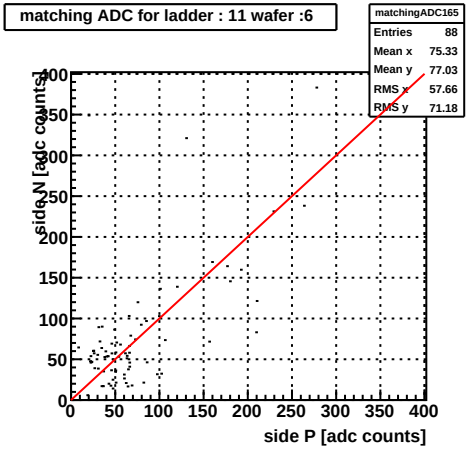

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 39
Mean x 90.76
Mean y 85.47
RMS x 79.79
RMS y 72.38
side N [adc counts]
side P [adc counts]

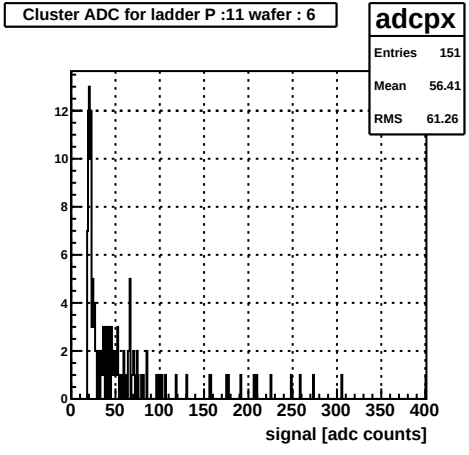

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 232
Mean 38.85
RMS 41.86
signal [adc counts]

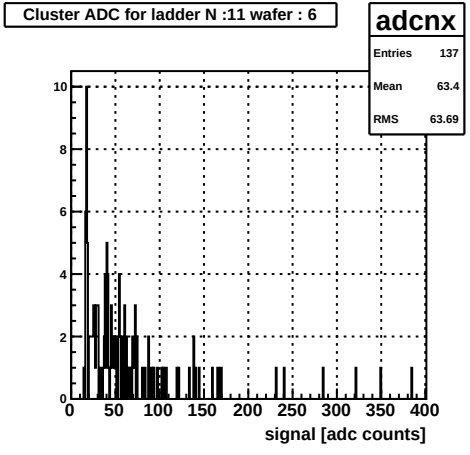

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 65
Mean 89.53
RMS 71.81
signal [adc counts]

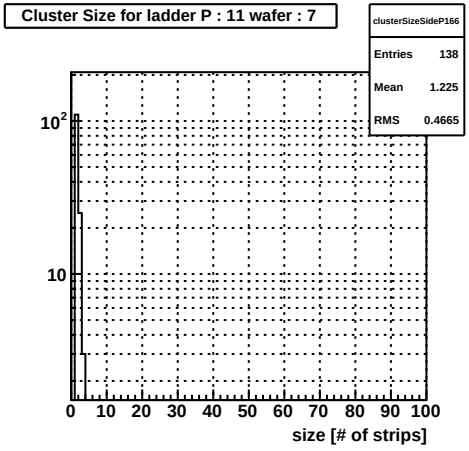

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 151
Mean 1.225
RMS 0.4769
size [# of strips]

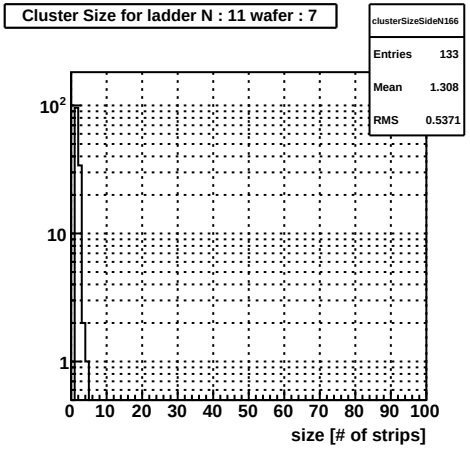

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 137
Mean 1.431
RMS 0.7024
size [# of strips]

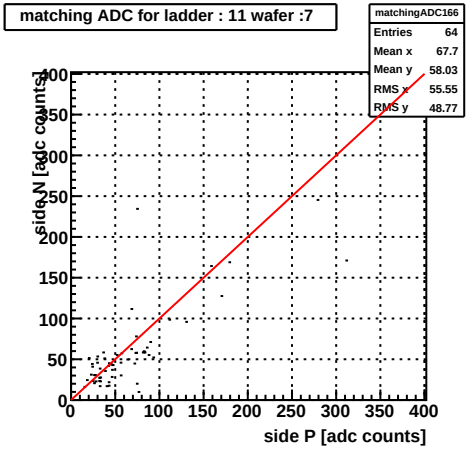

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 88
Mean x 75.33
Mean y 77.03
RMS x 57.66
RMS y 71.18
side N [adc counts]
side P [adc counts]

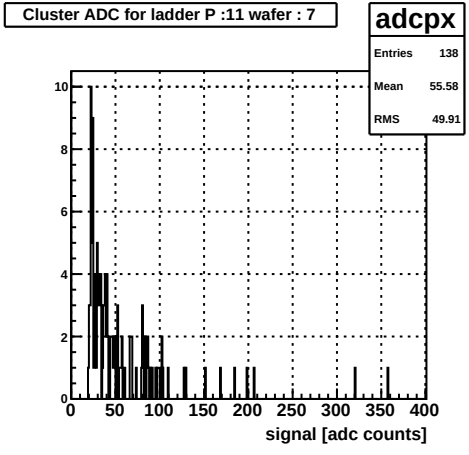

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 151
Mean 56.41
RMS 61.26
signal [adc counts]

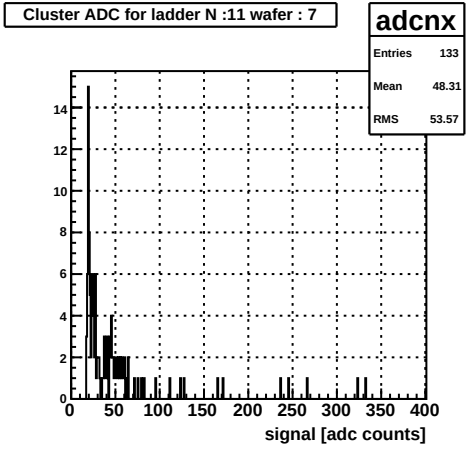

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 137
Mean 63.4
RMS 63.69
signal [adc counts]

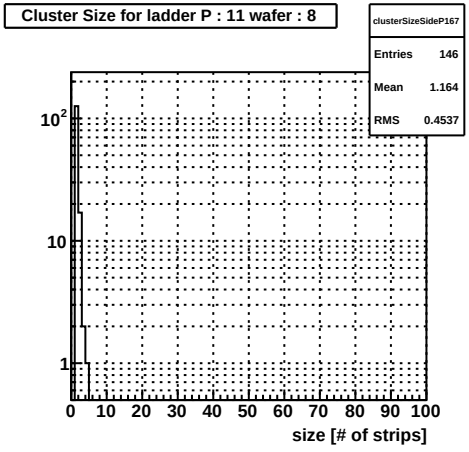

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 138
Mean 1.225
RMS 0.4665
size [# of strips]

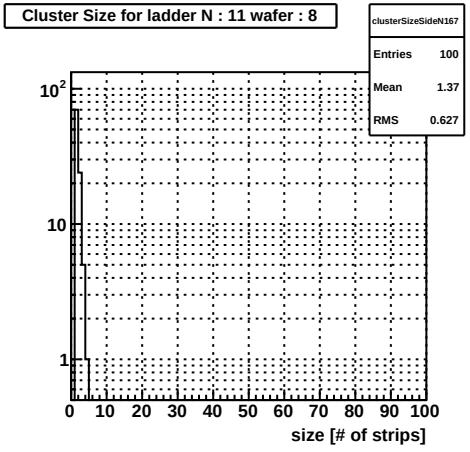

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 133
Mean 1.308
RMS 0.5371
size [# of strips]

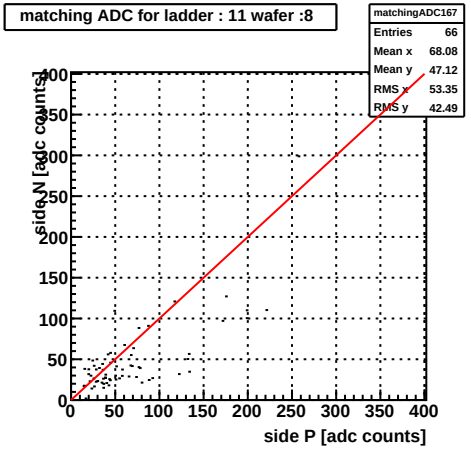

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 64
Mean x 67.7
Mean y 58.03
RMS x 55.55
RMS y 48.77
side N [adc counts]
side P [adc counts]

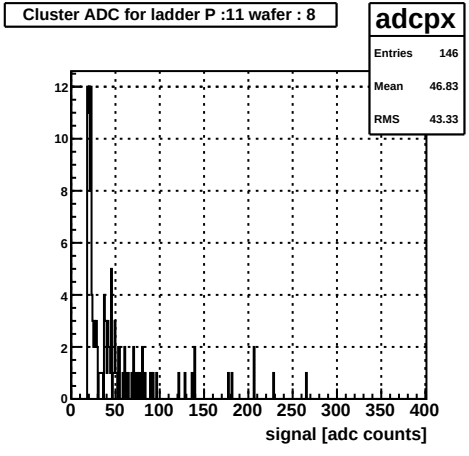

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 138
Mean 55.58
RMS 49.91
signal [adc counts]

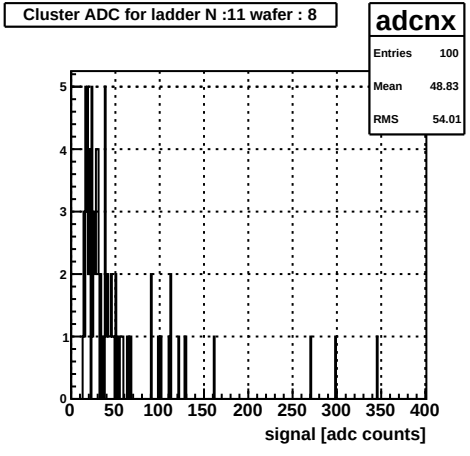

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 133
Mean 48.31
RMS 53.57
signal [adc counts]

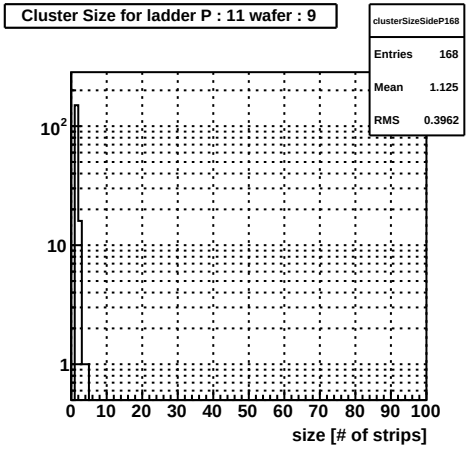

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 146
Mean 1.164
RMS 0.4537
size [# of strips]

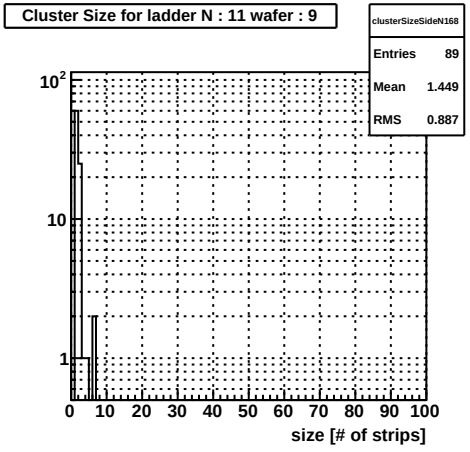

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 100
Mean 1.37
RMS 0.627
size [# of strips]

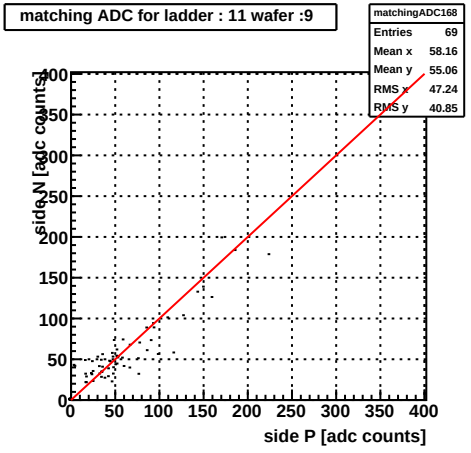

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 66
Mean x 68.08
Mean y 47.12
RMS x 53.35
RMS y 42.49
side N [adc counts]
side P [adc counts]

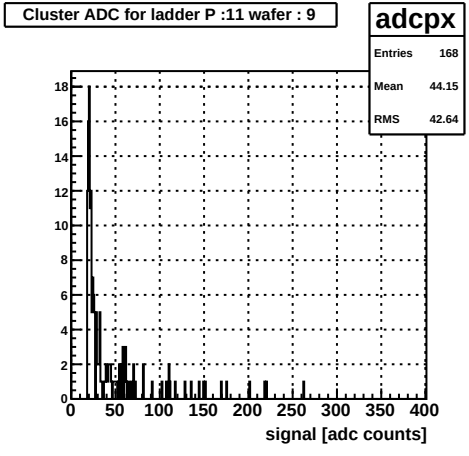

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 146
Mean 46.83
RMS 43.33
signal [adc counts]

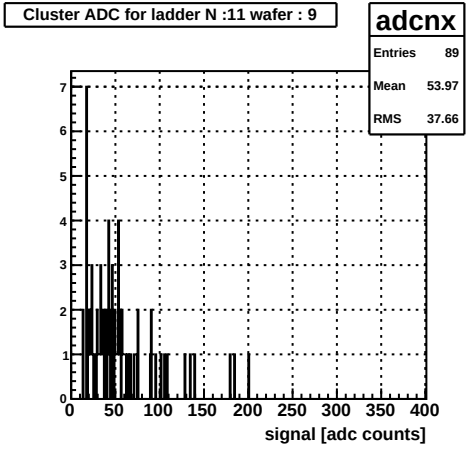

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 100
Mean 48.83
RMS 54.01
signal [adc counts]

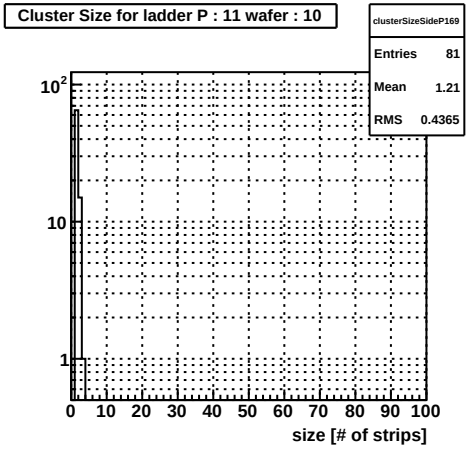

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 168
Mean 1.125
RMS 0.3962
size [# of strips]

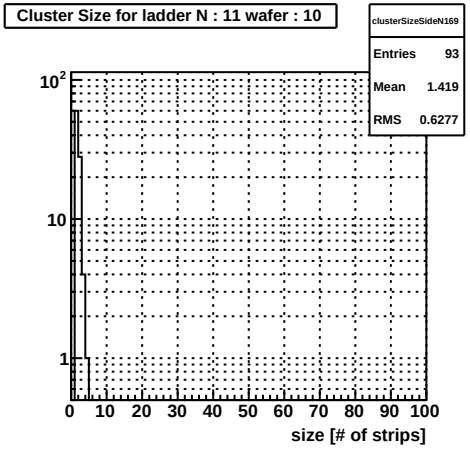

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 89
Mean 1.449
RMS 0.887
size [# of strips]

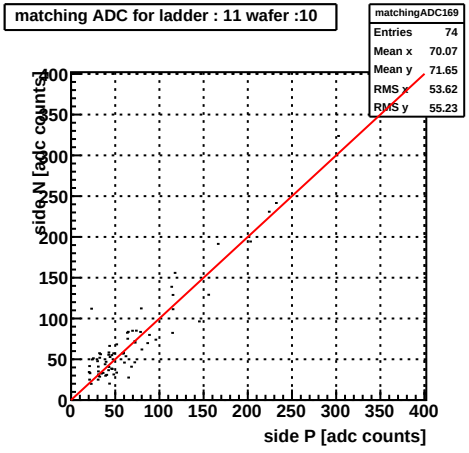

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 69
Mean x 58.16
Mean y 55.06
RMS x 47.24
RMS y 40.85
side N [adc counts]
side P [adc counts]

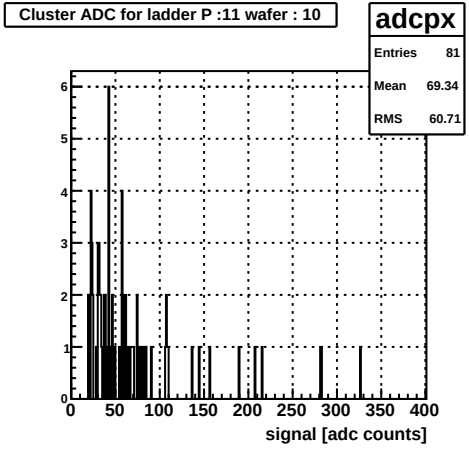

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 168
Mean 44.15
RMS 42.64
signal [adc counts]

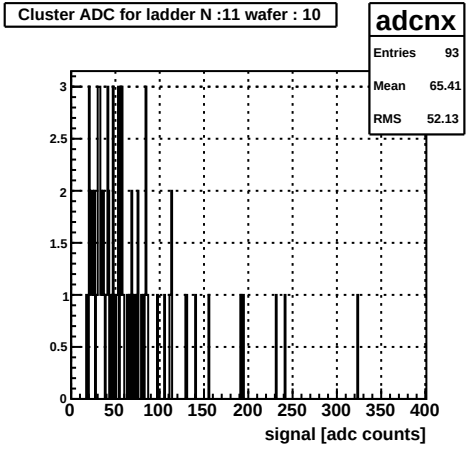

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 89
Mean 53.97
RMS 37.66
signal [adc counts]

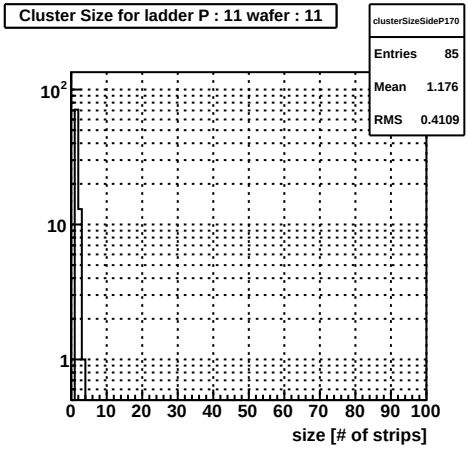

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 81
Mean 1.21
RMS 0.4365
size [# of strips]

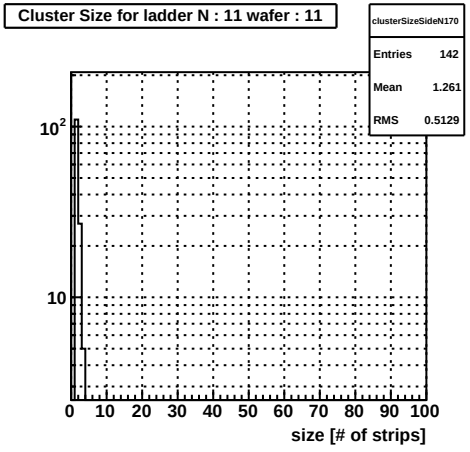

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 93
Mean 1.419
RMS 0.6277
size [# of strips]

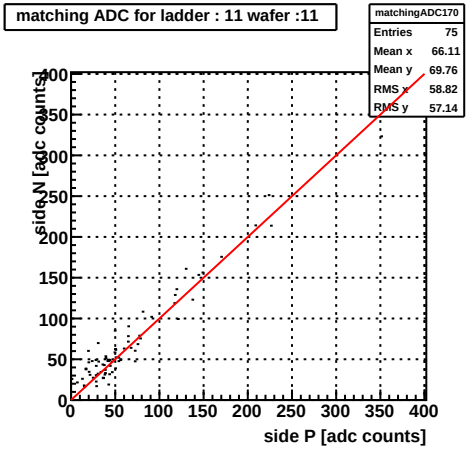

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 74
Mean x 70.07
Mean y 71.65
RMS x 53.62
RMS y 55.23
side N [adc counts]
side P [adc counts]

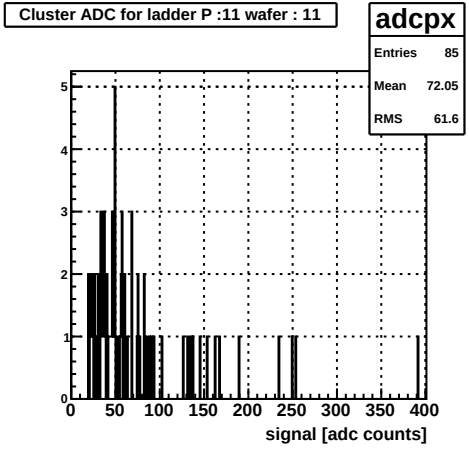

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 81
Mean 69.34
RMS 60.71
signal [adc counts]

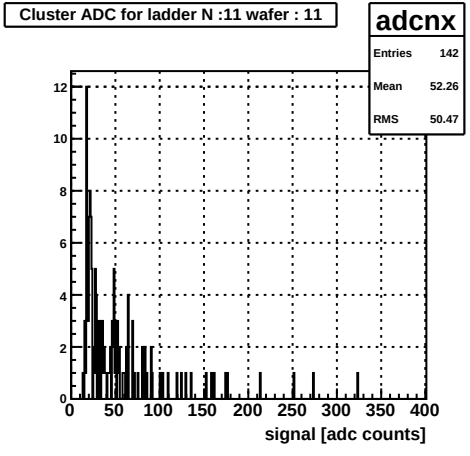

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 93
Mean 65.41
RMS 52.13
signal [adc counts]

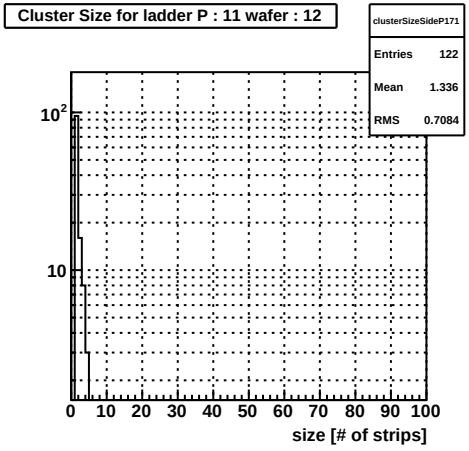

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 85
Mean 1.176
RMS 0.4109
size [# of strips]

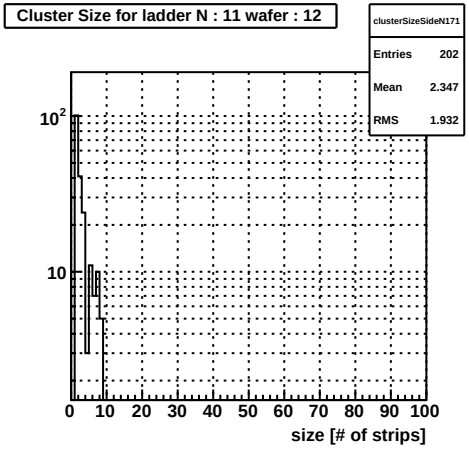

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 142
Mean 1.261
RMS 0.5129
size [# of strips]

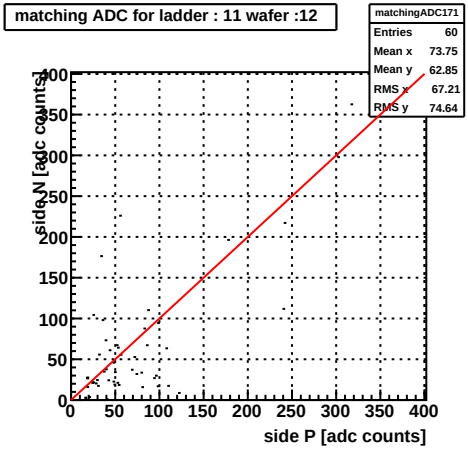

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 75
Mean x 66.11
Mean y 69.76
RMS x 58.82
RMS y 57.14
side N [adc counts]
side P [adc counts]

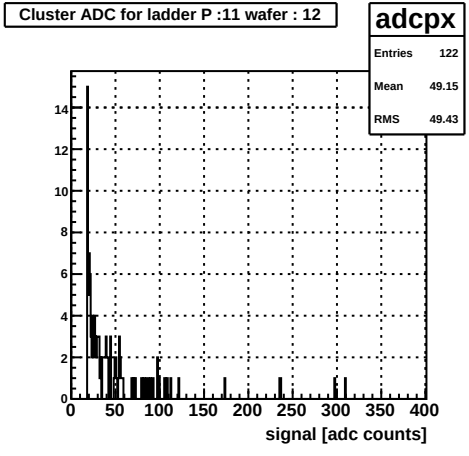

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 85
Mean 72.05
RMS 61.6
signal [adc counts]

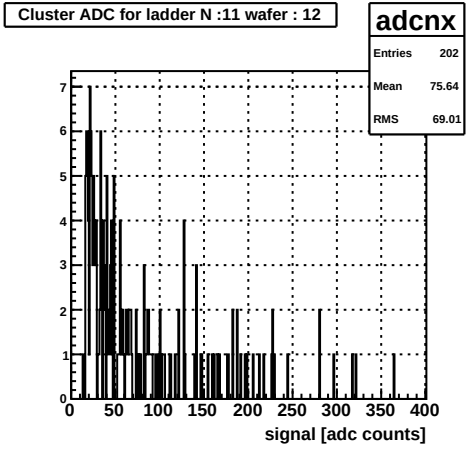

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 142
Mean 52.26
RMS 50.47
signal [adc counts]

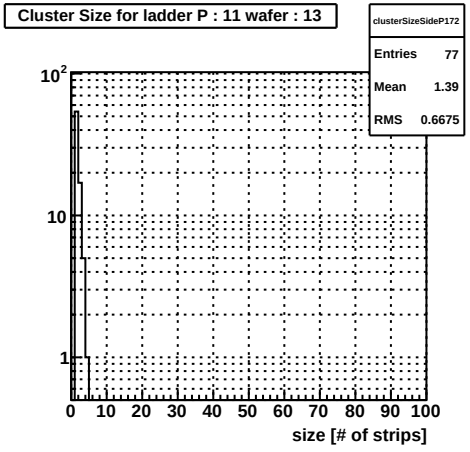

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 122
Mean 1.336
RMS 0.7084
size [# of strips]

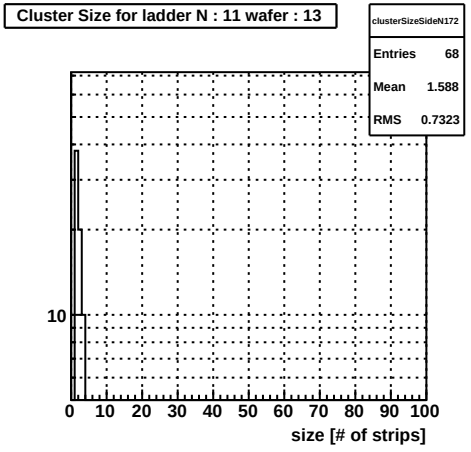

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 202
Mean 2.347
RMS 1.932
size [# of strips]

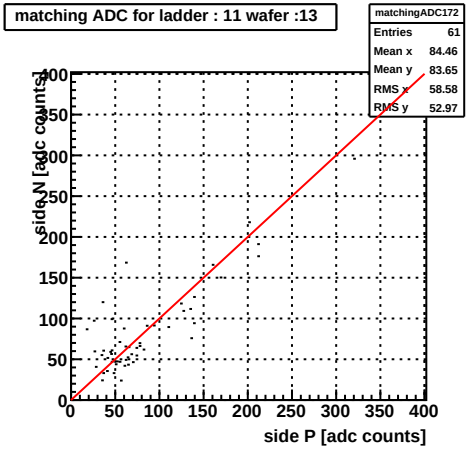

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 60
Mean x 73.75
Mean y 62.85
RMS x 67.21
RMS y 74.64
side N [adc counts]
side P [adc counts]

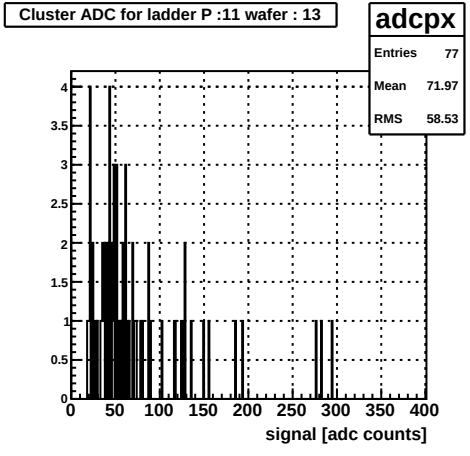

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 122
Mean 49.15
RMS 49.43
signal [adc counts]

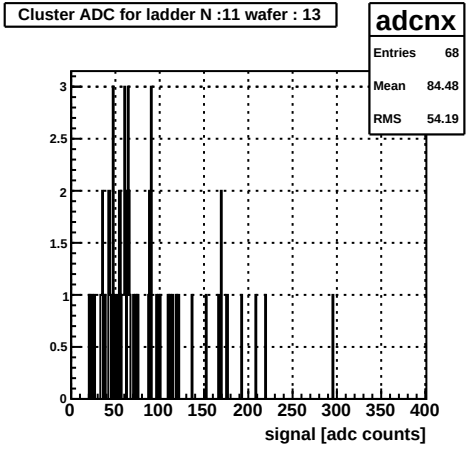

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 202
Mean 75.64
RMS 69.01
signal [adc counts]

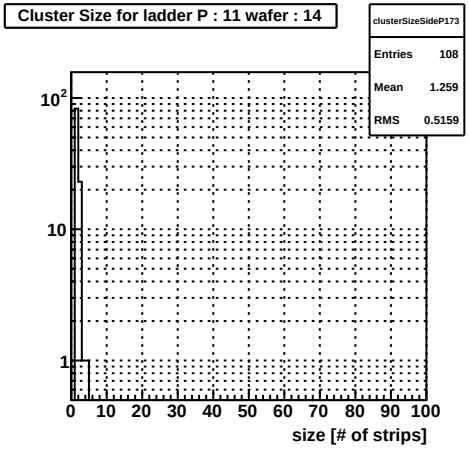

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 77
Mean 1.39
RMS 0.6675
size [# of strips]

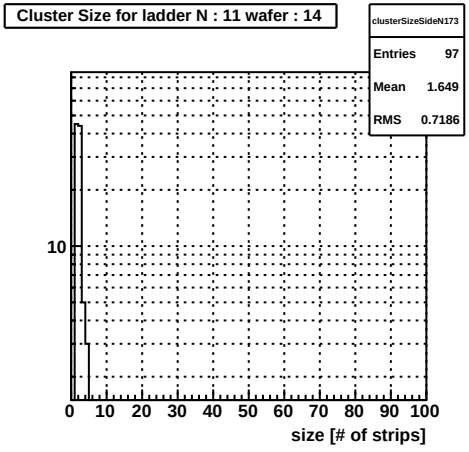

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 68
Mean 1.588
RMS 0.7323
size [# of strips]

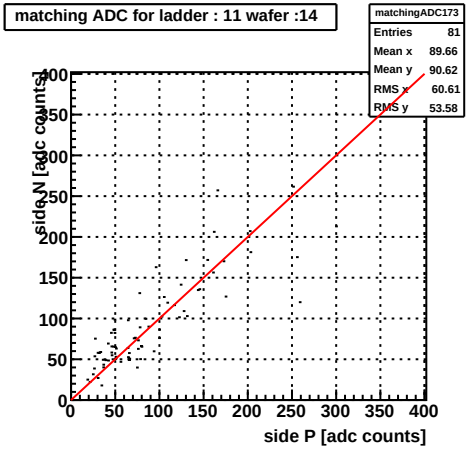

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 61
Mean x 84.46
Mean y 83.65
RMS x 58.58
RMS y 52.97
side N [adc counts]
side P [adc counts]

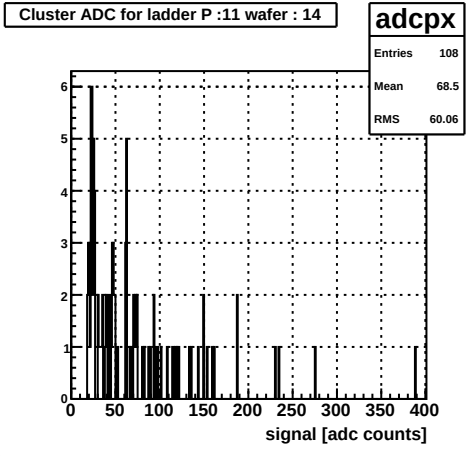

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 77
Mean 71.97
RMS 58.53
signal [adc counts]

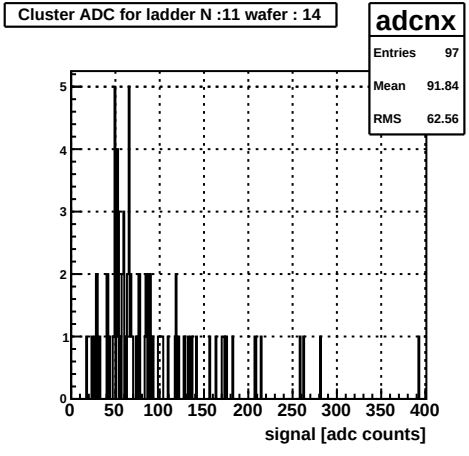

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 68
Mean 84.48
RMS 54.19
signal [adc counts]

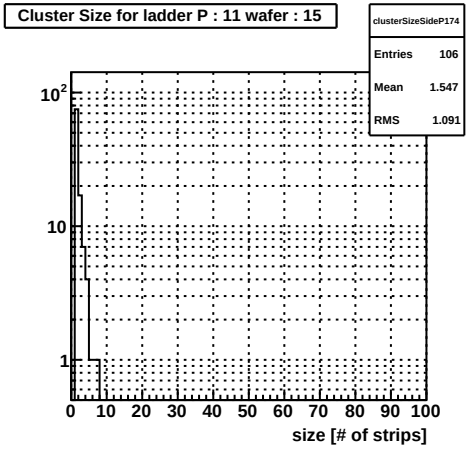

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 108
Mean 1.259
RMS 0.5159
size [# of strips]

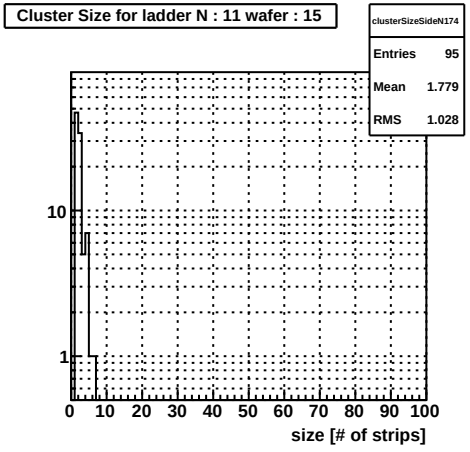

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 97
Mean 1.649
RMS 0.7186
size [# of strips]

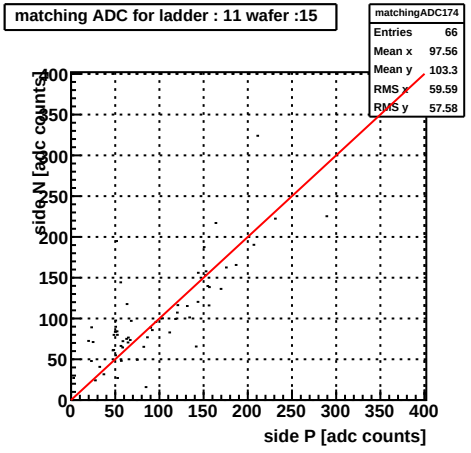

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 81
Mean x 89.66
Mean y 90.62
RMS x 60.61
RMS y 53.58
side N [adc counts]
side P [adc counts]

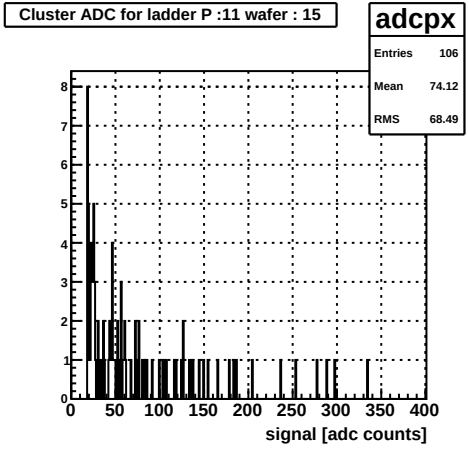

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 108
Mean 68.5
RMS 60.06
signal [adc counts]

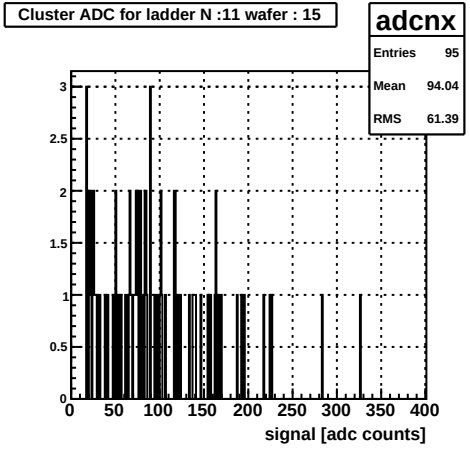

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 97
Mean 91.84
RMS 62.56
signal [adc counts]

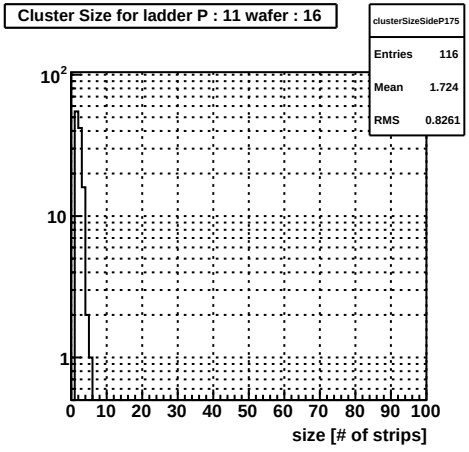

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 106
Mean 1.547
RMS 1.091
size [# of strips]

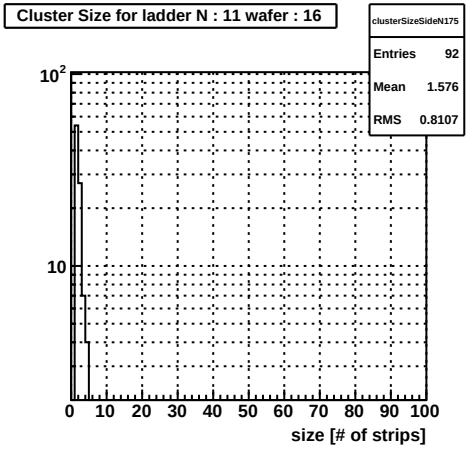

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 95
Mean 1.779
RMS 1.028
size [# of strips]

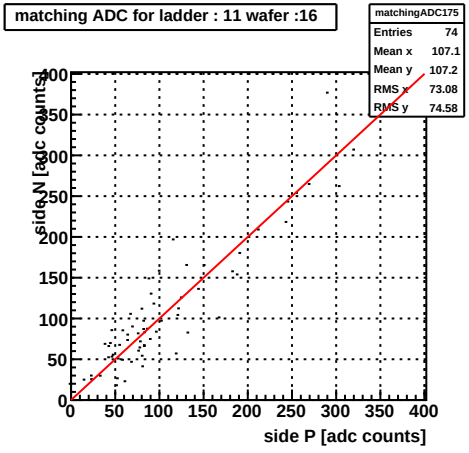

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 66
Mean x 97.56
Mean y 103.3
RMS x 59.59
RMS y 57.58
side N [adc counts]
side P [adc counts]

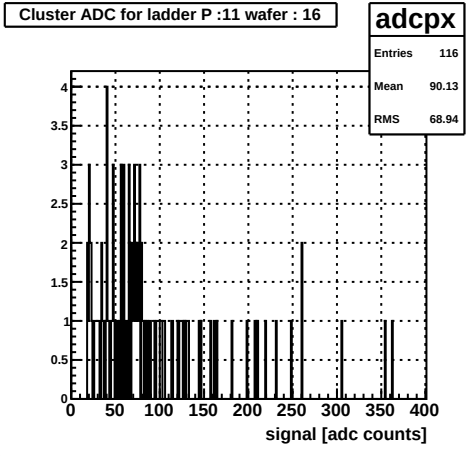

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 106
Mean 74.12
RMS 68.49
signal [adc counts]

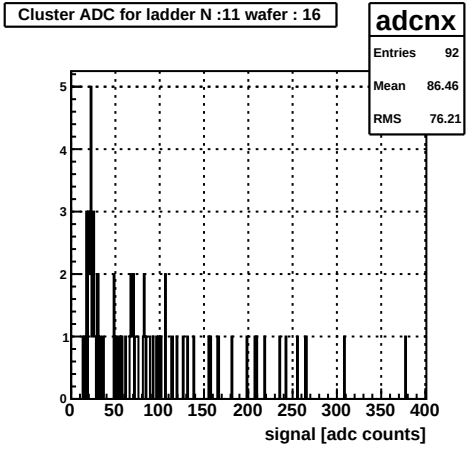

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 95
Mean 94.04
RMS 61.39
signal [adc counts]

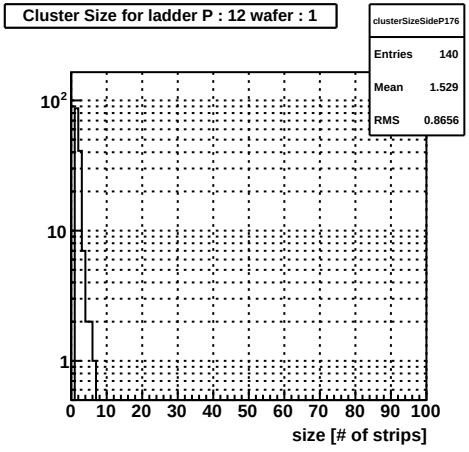

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 116
Mean 1.724
RMS 0.8261
size [# of strips]

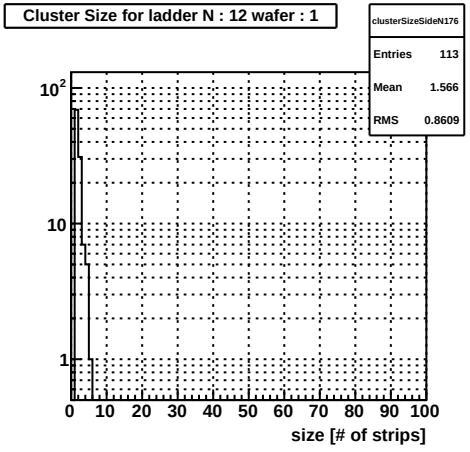

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 92
Mean 1.576
RMS 0.8107
size [# of strips]

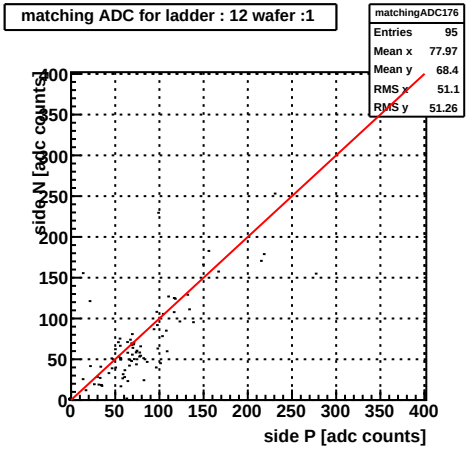

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 74
Mean x 107.1
Mean y 107.2
RMS x 73.08
RMS y 74.58
side N [adc counts]
side P [adc counts]

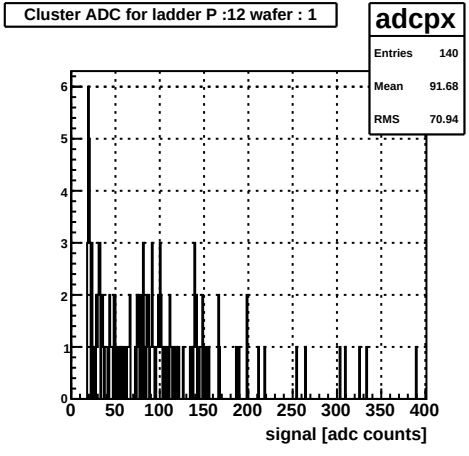

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 116
Mean 90.13
RMS 68.94
signal [adc counts]

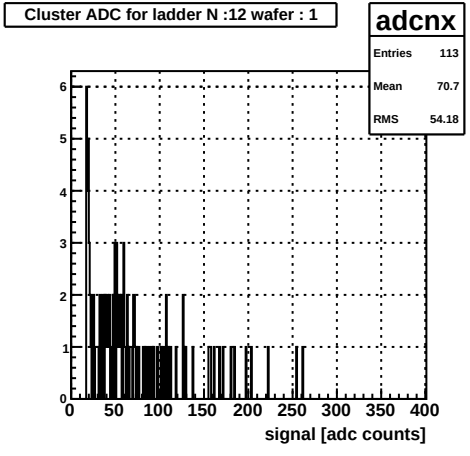

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 92
Mean 86.46
RMS 76.21
signal [adc counts]

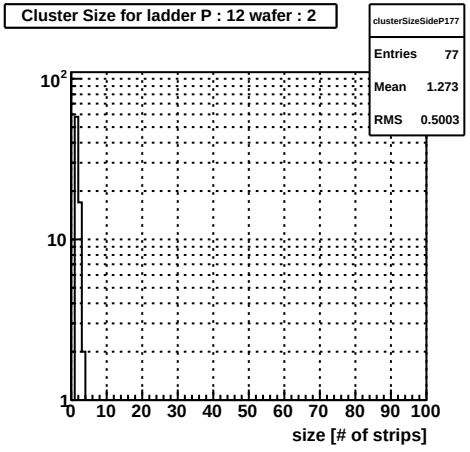

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 140
Mean 1.529
RMS 0.8656
size [# of strips]

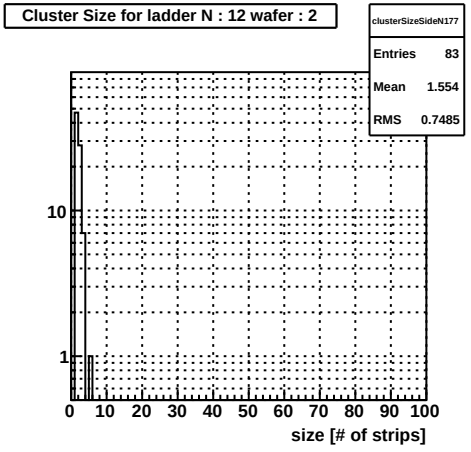

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 113
Mean 1.566
RMS 0.8609
size [# of strips]

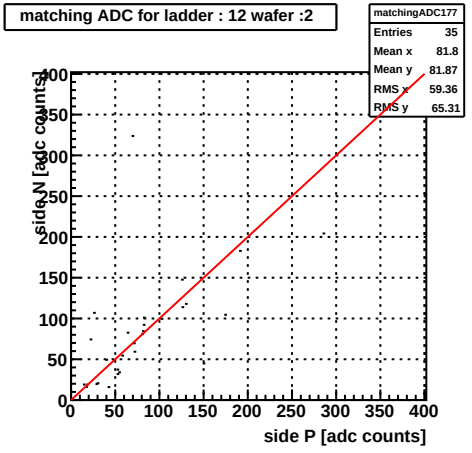

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 95
Mean x 77.97
Mean y 68.4
RMS x 51.1
RMS y 51.26
side N [adc counts]
side P [adc counts]

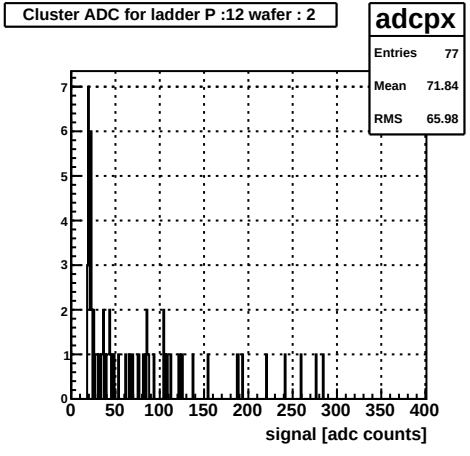

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 140
Mean 91.68
RMS 70.94
signal [adc counts]

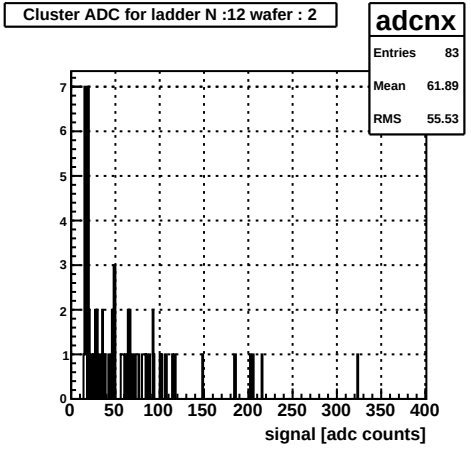

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 113
Mean 70.7
RMS 54.18
signal [adc counts]

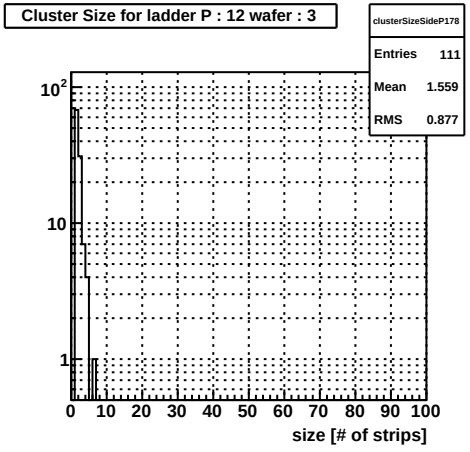

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 77
Mean 1.273
RMS 0.5003
size [# of strips]

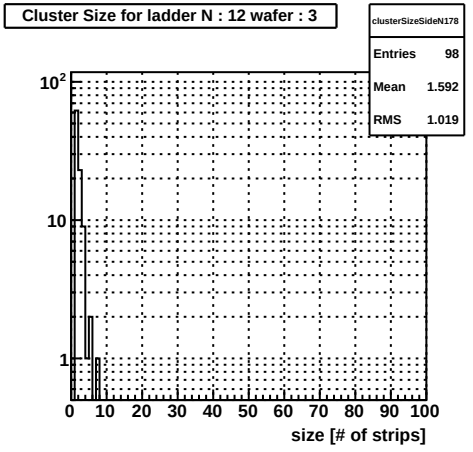

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 83
Mean 1.554
RMS 0.7485
size [# of strips]

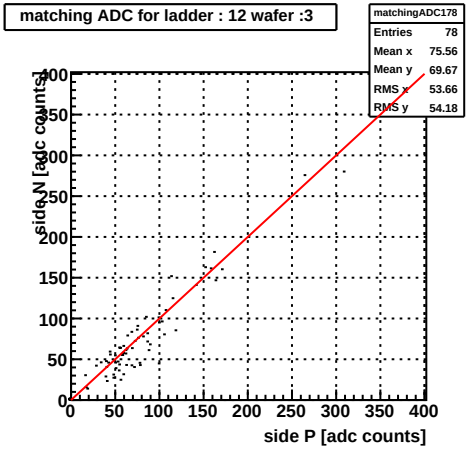

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 35
Mean x 81.8
Mean y 81.87
RMS x 59.36
RMS y 65.31
side N [adc counts]
side P [adc counts]

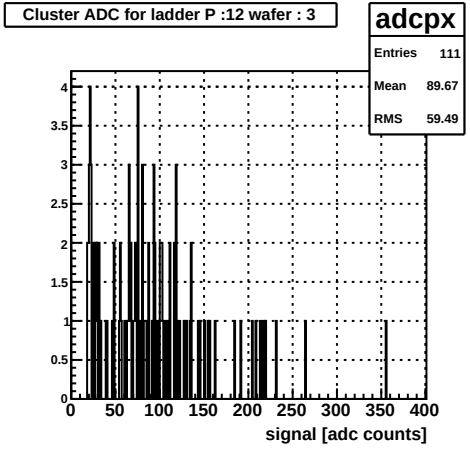

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 77
Mean 71.84
RMS 65.98
signal [adc counts]

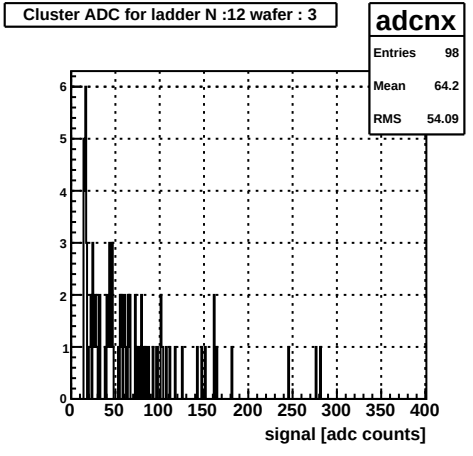

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 83
Mean 61.89
RMS 55.53
signal [adc counts]

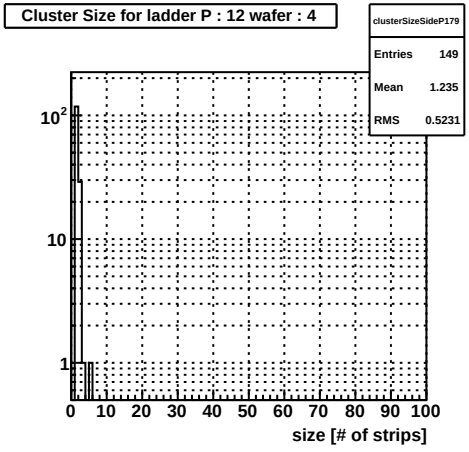

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 111
Mean 1.559
RMS 0.877
size [# of strips]

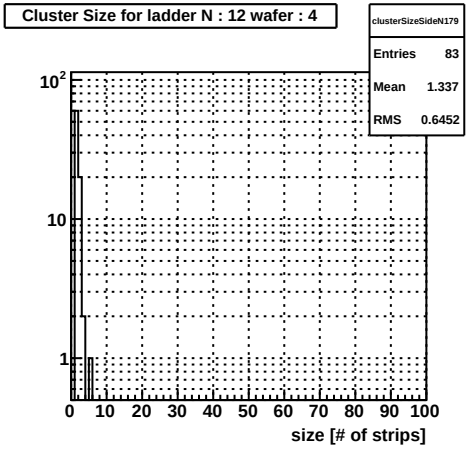

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 98
Mean 1.592
RMS 1.019
size [# of strips]

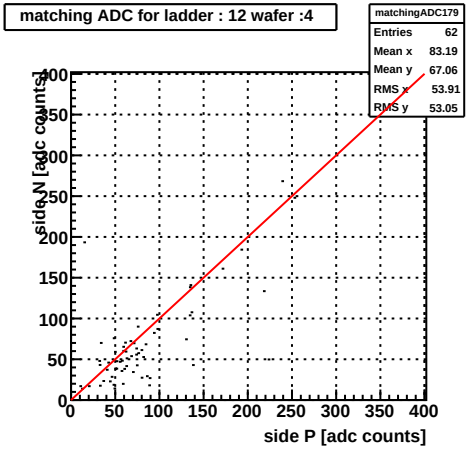

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 78
Mean x 75.56
Mean y 69.67
RMS x 53.66
RMS y 54.18
side N [adc counts]
side P [adc counts]

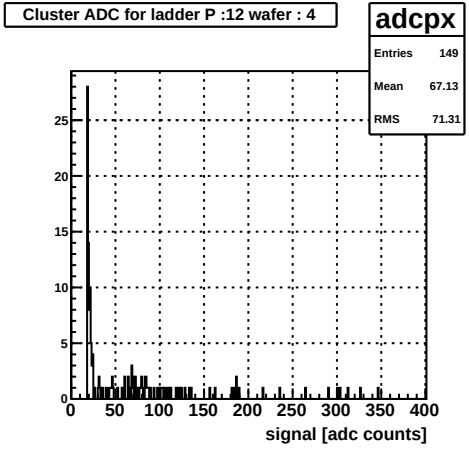

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 111
Mean 89.67
RMS 59.49
signal [adc counts]

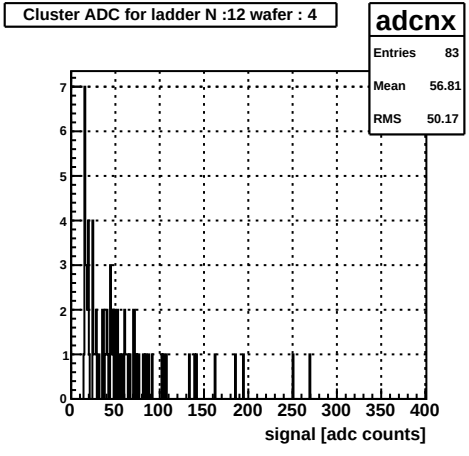

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 98
Mean 64.2
RMS 54.09
signal [adc counts]

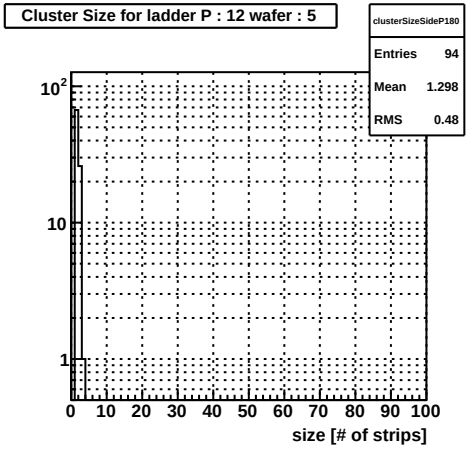

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 149
Mean 1.235
RMS 0.5231
size [# of strips]

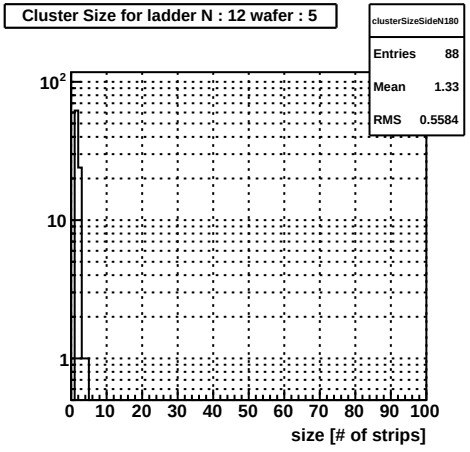

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 83
Mean 1.337
RMS 0.6452
size [# of strips]

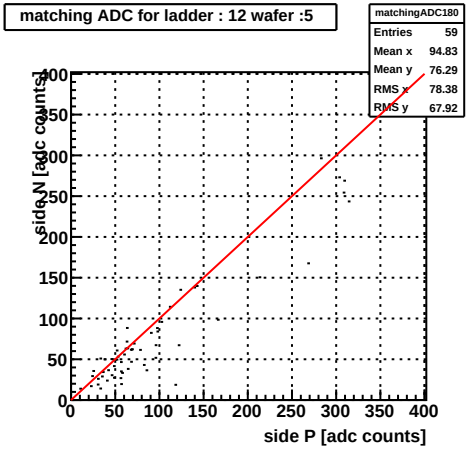

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 62
Mean x 83.19
Mean y 67.06
RMS x 53.91
RMS y 53.05
side N [adc counts]
side P [adc counts]

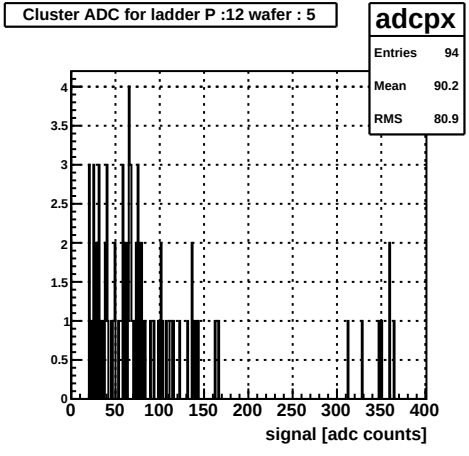

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 149
Mean 67.13
RMS 71.31
signal [adc counts]

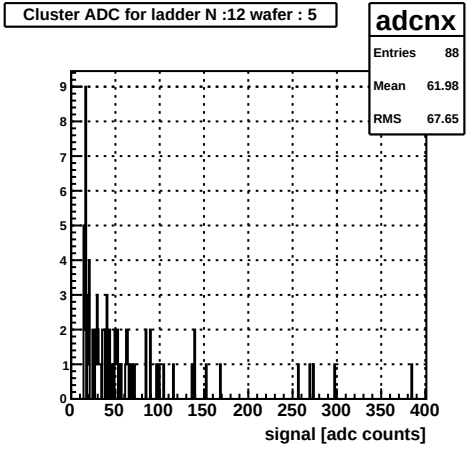

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 83
Mean 56.81
RMS 50.17
signal [adc counts]

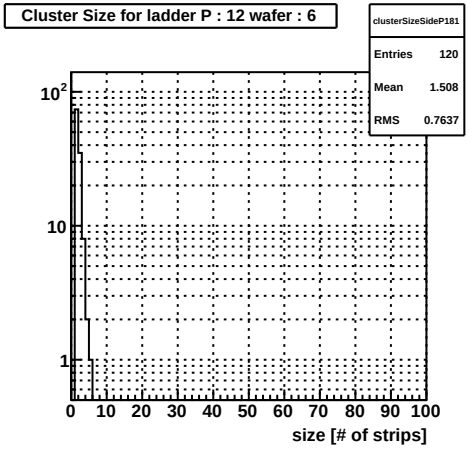

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 94
Mean 1.298
RMS 0.48
size [# of strips]

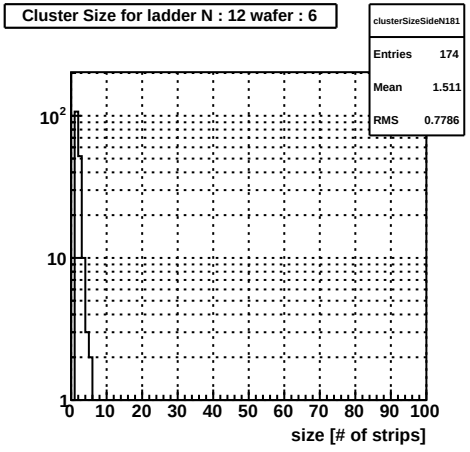

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 88
Mean 1.33
RMS 0.5584
size [# of strips]

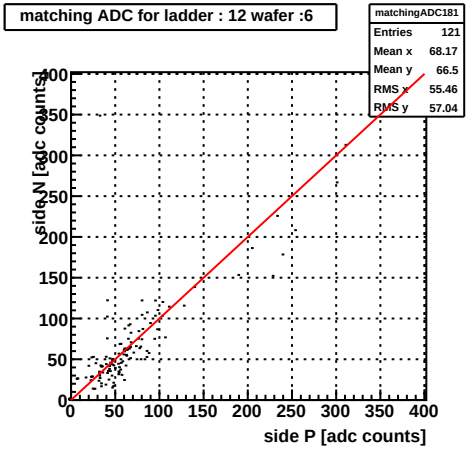

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 59
Mean x 94.83
Mean y 76.29
RMS x 78.38
RMS y 67.92
side N [adc counts]
side P [adc counts]

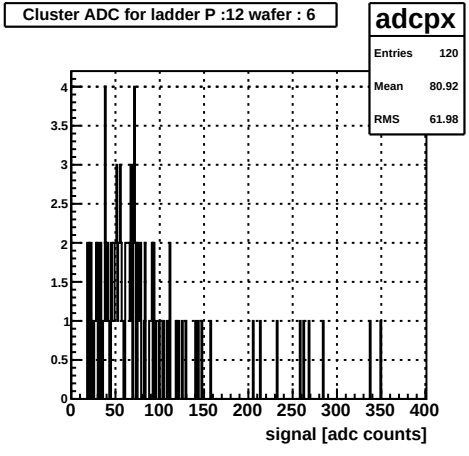

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 94
Mean 90.2
RMS 80.9
signal [adc counts]

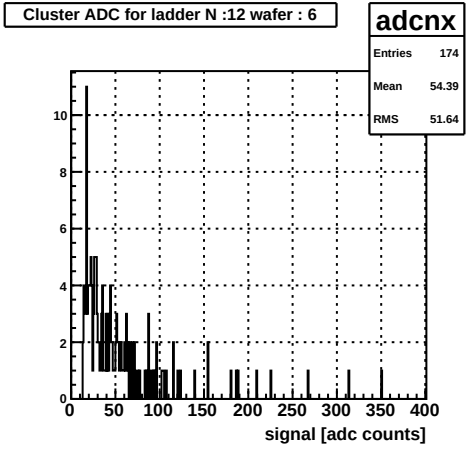

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 88
Mean 61.98
RMS 67.65
signal [adc counts]

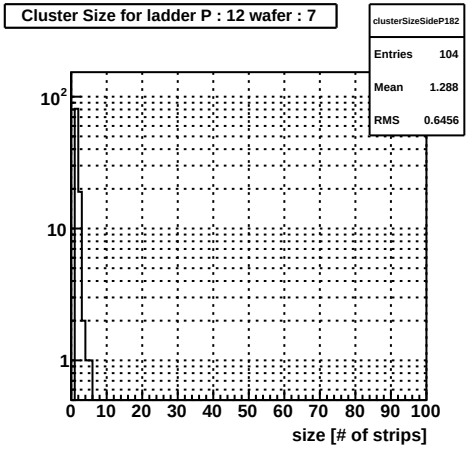

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 120
Mean 1.508
RMS 0.7637
size [# of strips]

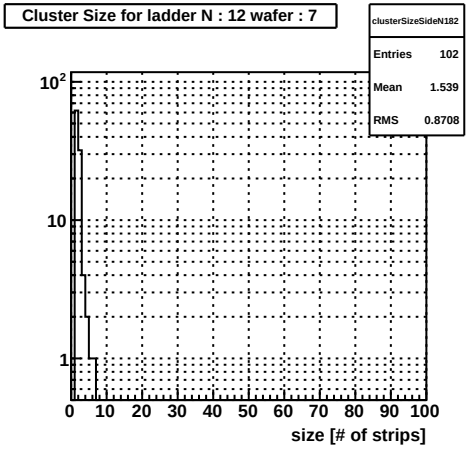

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 174
Mean 1.511
RMS 0.7786
size [# of strips]

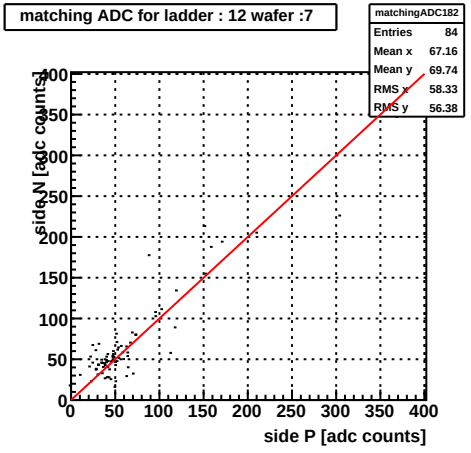

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 121
Mean x 68.17
Mean y 66.5
RMS x 55.46
RMS y 57.04
side N [adc counts]
side P [adc counts]

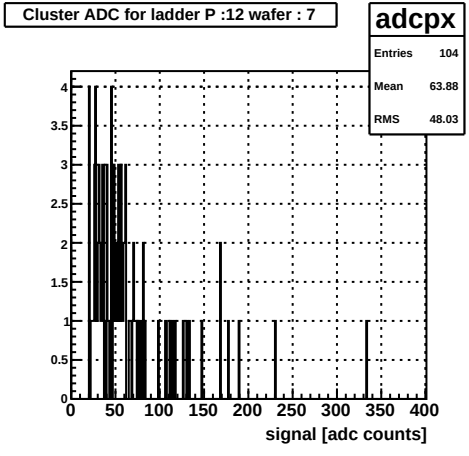

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 120
Mean 80.92
RMS 61.98
signal [adc counts]

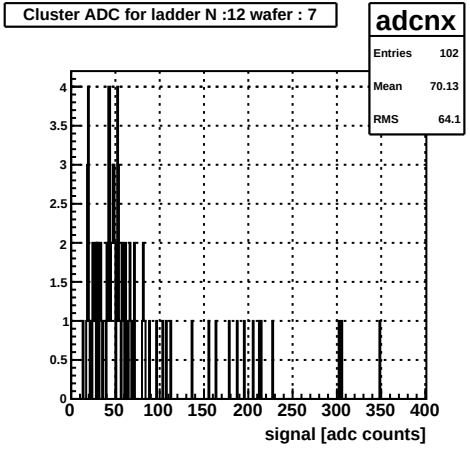

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 174
Mean 54.39
RMS 51.64
signal [adc counts]

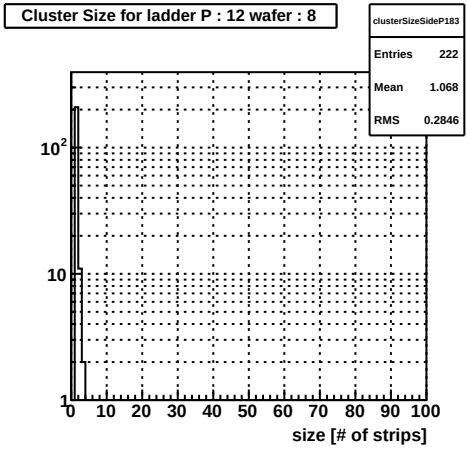

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 104
Mean 1.288
RMS 0.6456
size [# of strips]

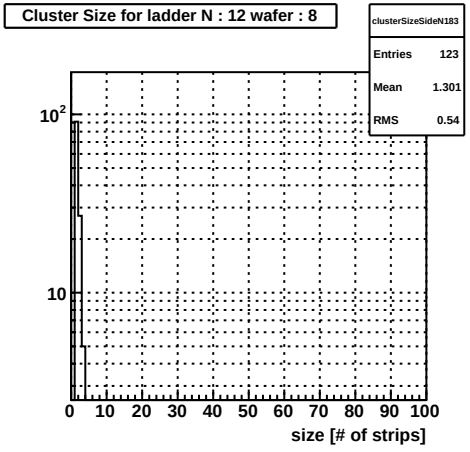

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 102
Mean 1.539
RMS 0.8708
size [# of strips]

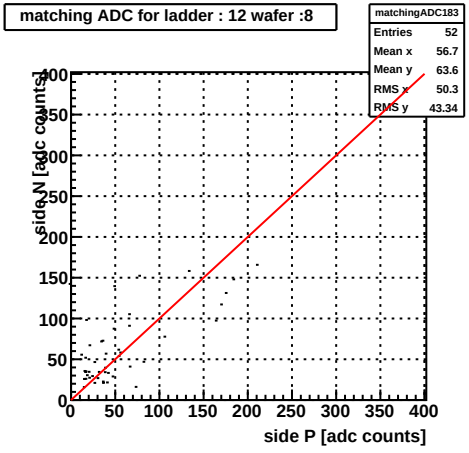

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 84
Mean x 67.16
Mean y 69.74
RMS x 58.33
RMS y 56.38
side N [adc counts]
side P [adc counts]

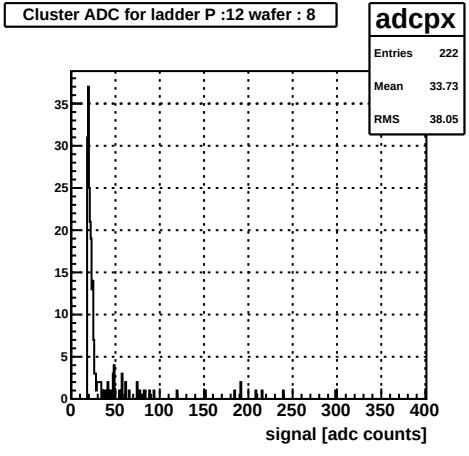

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 104
Mean 63.88
RMS 48.03
signal [adc counts]

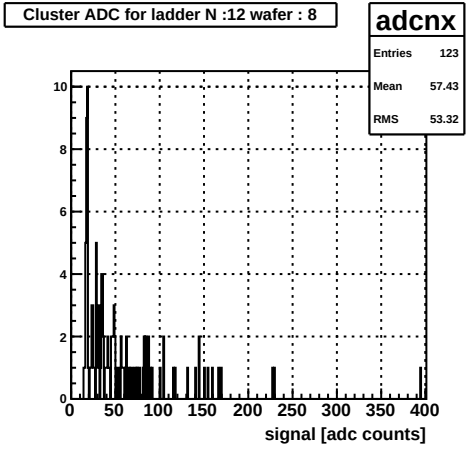

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 102
Mean 70.13
RMS 64.1
signal [adc counts]

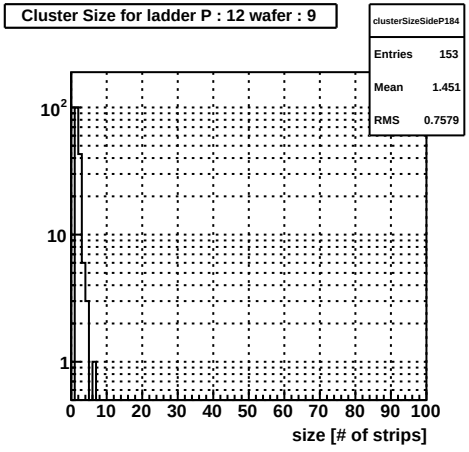

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 222
Mean 1.068
RMS 0.2846
size [# of strips]

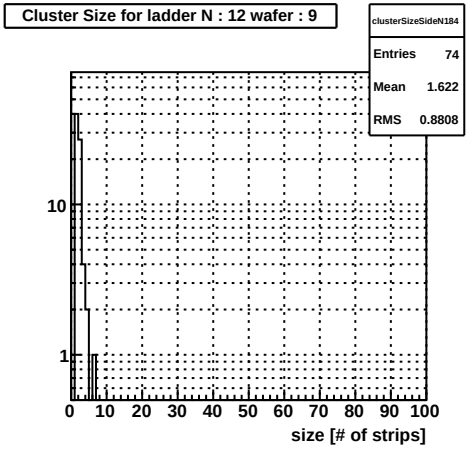

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 123
Mean 1.301
RMS 0.54
size [# of strips]

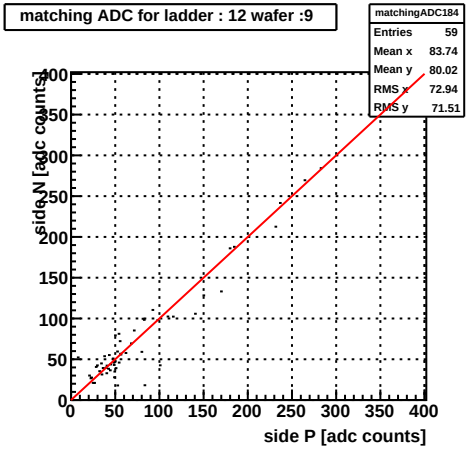

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 52
Mean x 56.7
Mean y 63.6
RMS x 50.3
RMS y 43.34
side N [adc counts]
side P [adc counts]

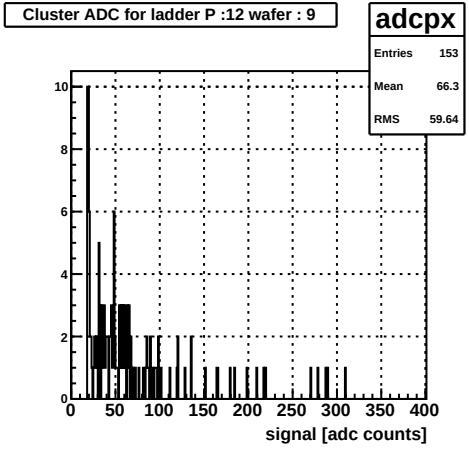

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 222
Mean 33.73
RMS 38.05
signal [adc counts]

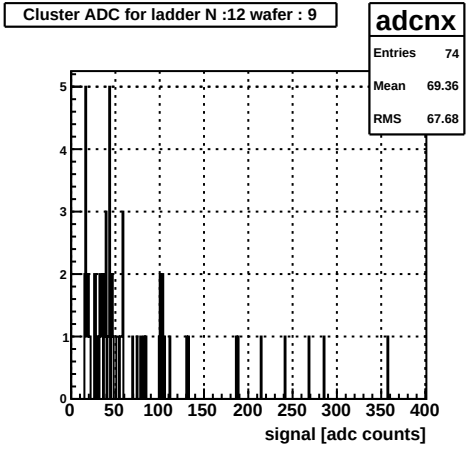

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 123
Mean 57.43
RMS 53.32
signal [adc counts]

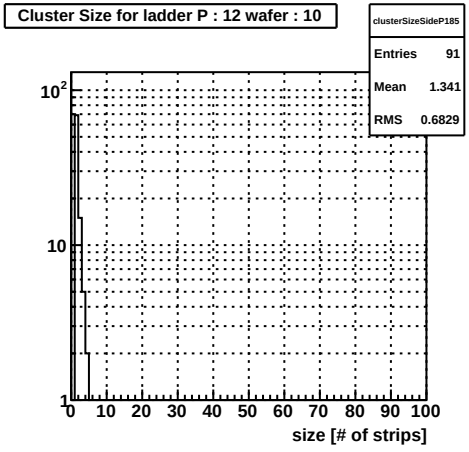

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 153
Mean 1.451
RMS 0.7579
size [# of strips]

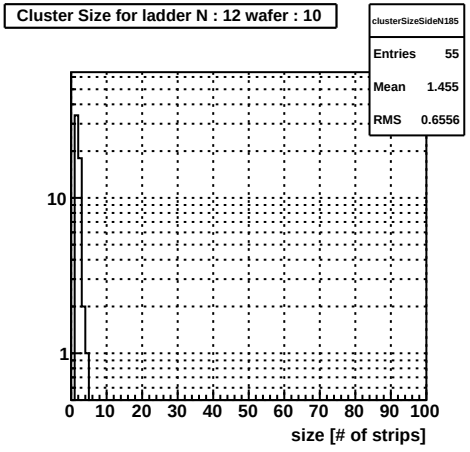

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 74
Mean 1.622
RMS 0.8808
size [# of strips]

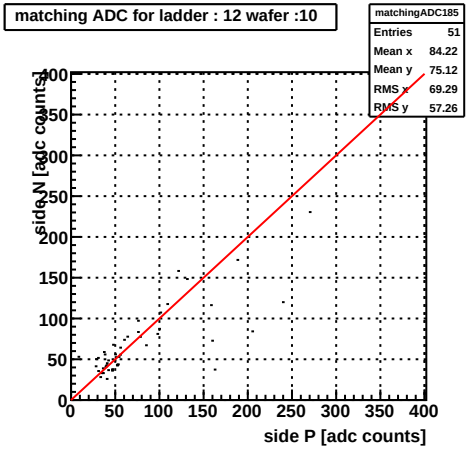

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 59
Mean x 83.74
Mean y 80.02
RMS x 72.94
RMS y 71.51
side N [adc counts]
side P [adc counts]

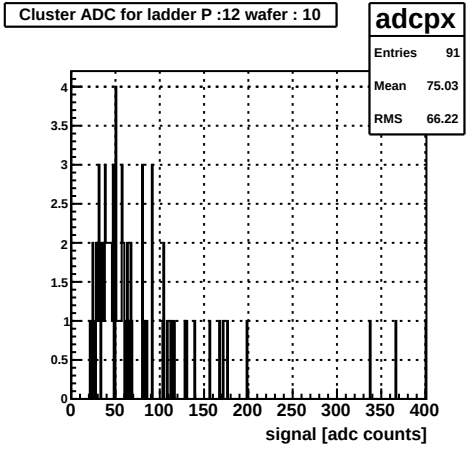

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 153
Mean 66.3
RMS 59.64
signal [adc counts]

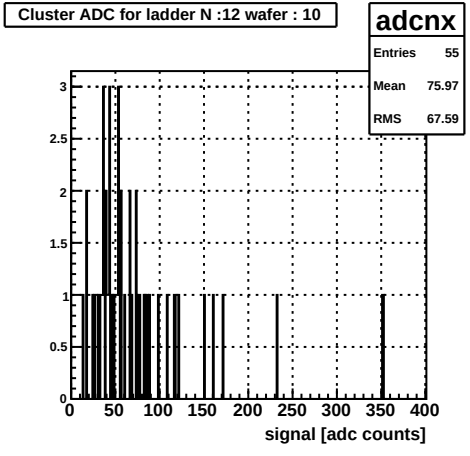

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 74
Mean 69.36
RMS 67.68
signal [adc counts]

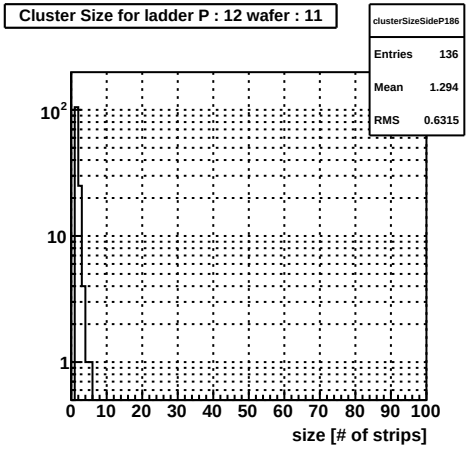

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 91
Mean 1.341
RMS 0.6829
size [# of strips]

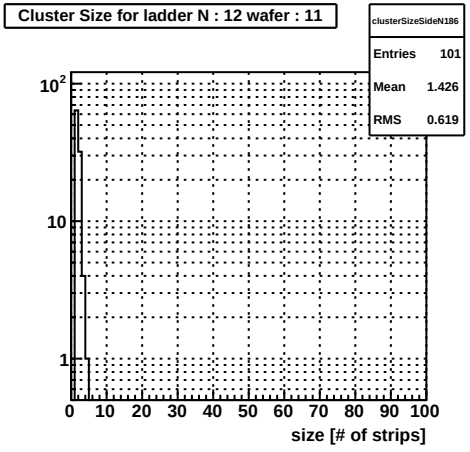

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 55
Mean 1.455
RMS 0.6556
size [# of strips]

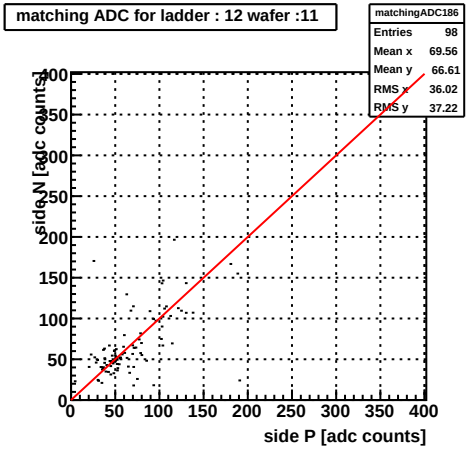

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 51
Mean x 84.22
Mean y 75.12
RMS x 69.29
RMS y 57.26
side N [adc counts]
side P [adc counts]

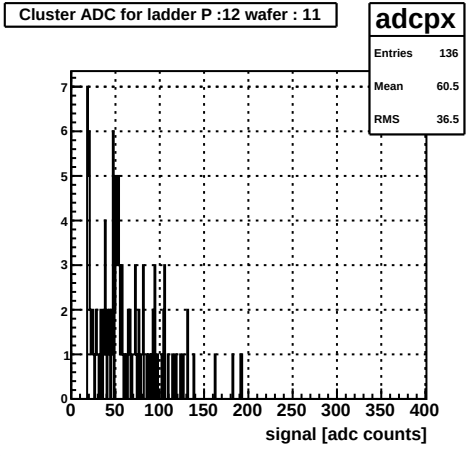

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 91
Mean 75.03
RMS 66.22
signal [adc counts]

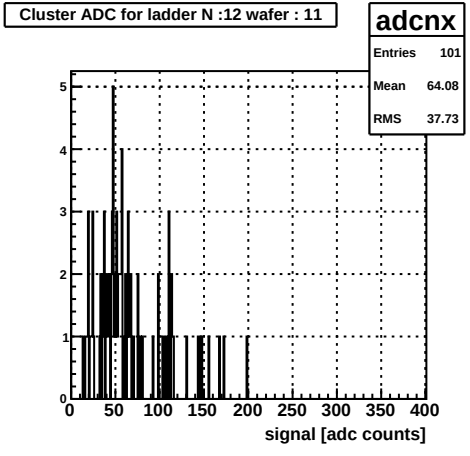

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 55
Mean 75.97
RMS 67.59
signal [adc counts]

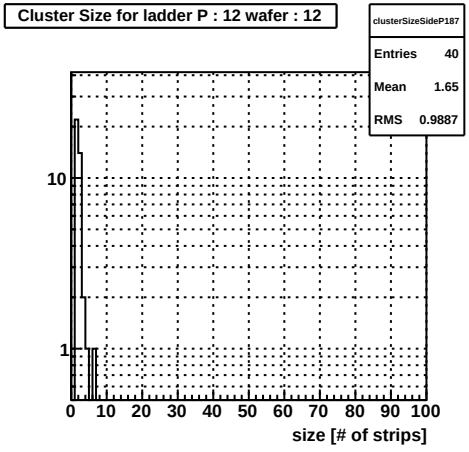

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 136
Mean 1.294
RMS 0.6315
size [# of strips]

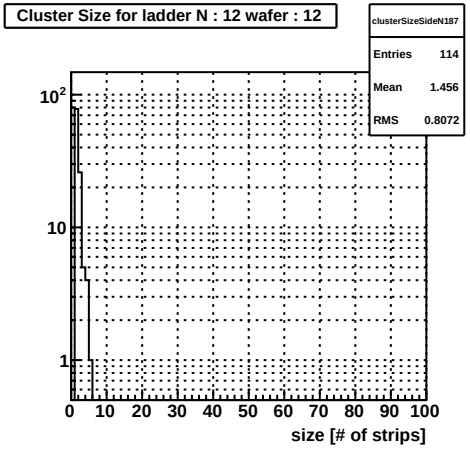

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 101
Mean 1.426
RMS 0.619
size [# of strips]

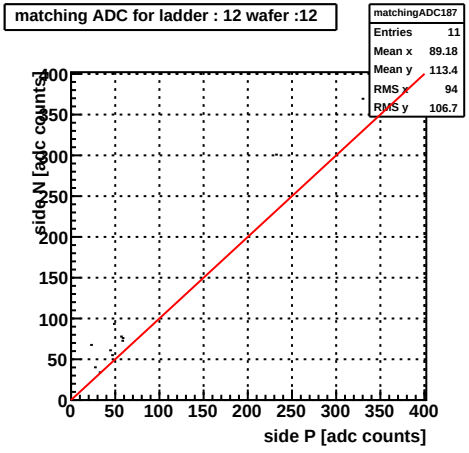

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 98
Mean x 69.56
Mean y 66.61
RMS x 36.02
RMS y 37.22
side N [adc counts]
side P [adc counts]

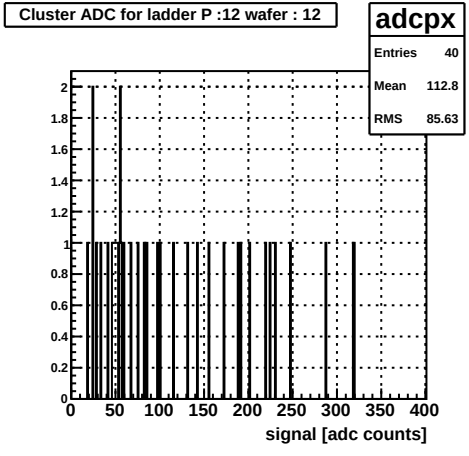

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 136
Mean 60.5
RMS 36.5
signal [adc counts]

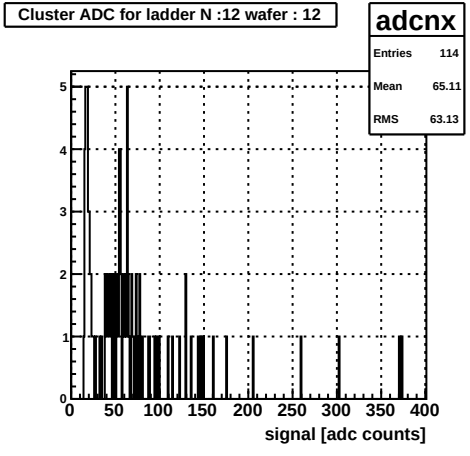

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 101
Mean 64.08
RMS 37.73
signal [adc counts]

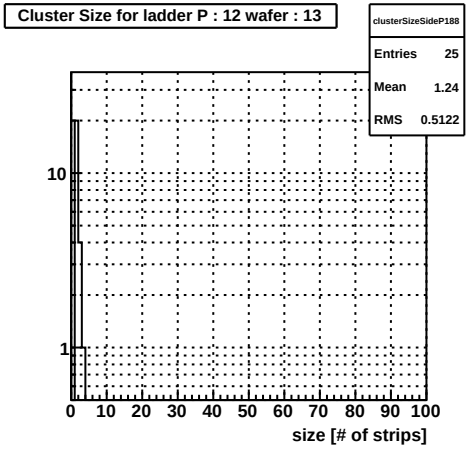

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 40
Mean 1.65
RMS 0.9887
size [# of strips]

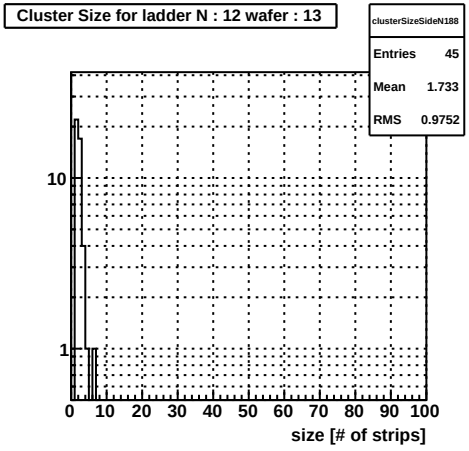

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 114
Mean 1.456
RMS 0.8072
size [# of strips]

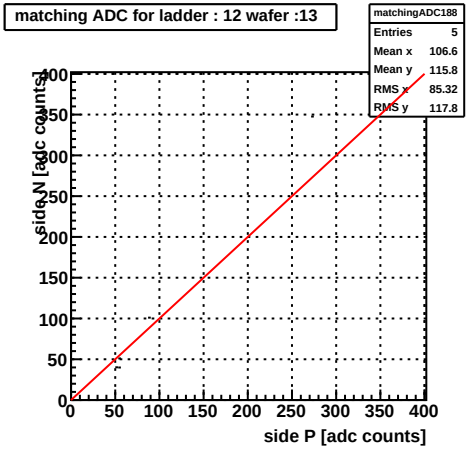

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 11
Mean x 89.18
Mean y 113.4
RMS x 94
RMS y 106.7
side N [adc counts]
side P [adc counts]

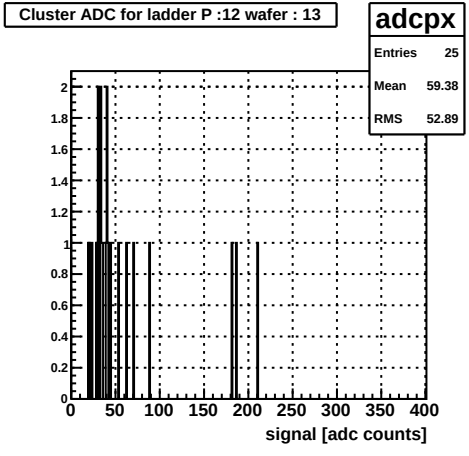

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 40
Mean 112.8
RMS 85.63
signal [adc counts]

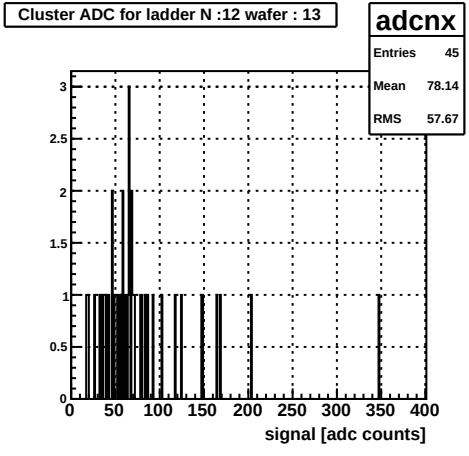

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 114
Mean 65.11
RMS 63.13
signal [adc counts]

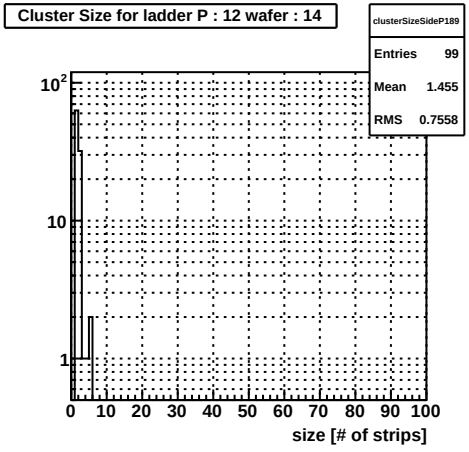

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 25
Mean 1.24
RMS 0.5122
size [# of strips]

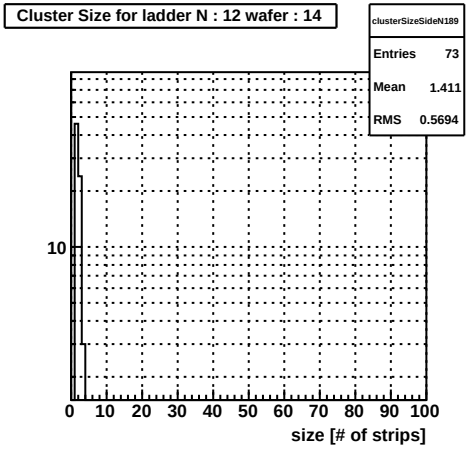

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 45
Mean 1.733
RMS 0.9752
size [# of strips]

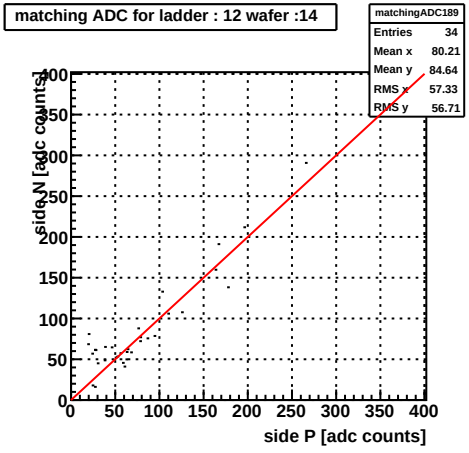

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 5
Mean x 106.6
Mean y 115.8
RMS x 85.32
RMS y 117.8
side N [adc counts]
side P [adc counts]

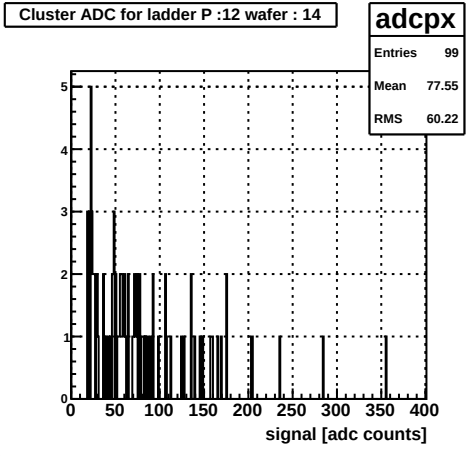

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 25
Mean 59.38
RMS 52.89
signal [adc counts]

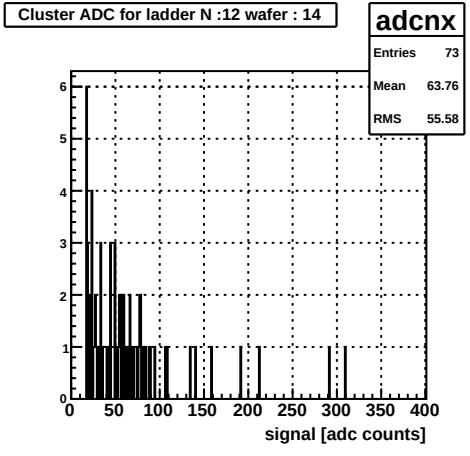

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 45
Mean 78.14
RMS 57.67
signal [adc counts]

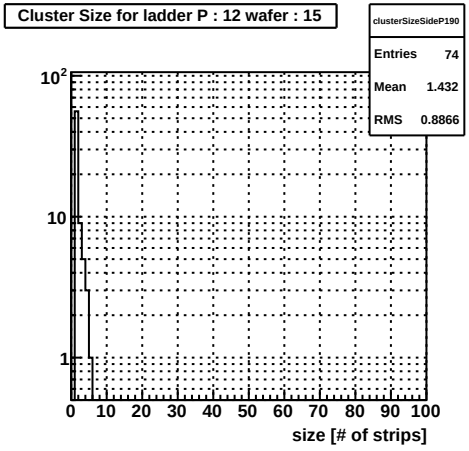

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 99
Mean 1.455
RMS 0.7558
size [# of strips]

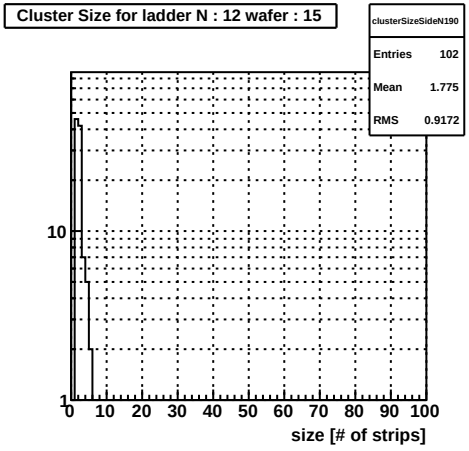

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 73
Mean 1.411
RMS 0.5694
size [# of strips]

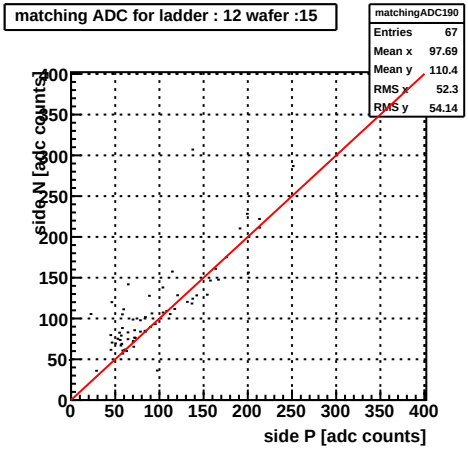

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 34
Mean x 80.21
Mean y 84.64
RMS x 57.33
RMS y 56.71
side N [adc counts]
side P [adc counts]

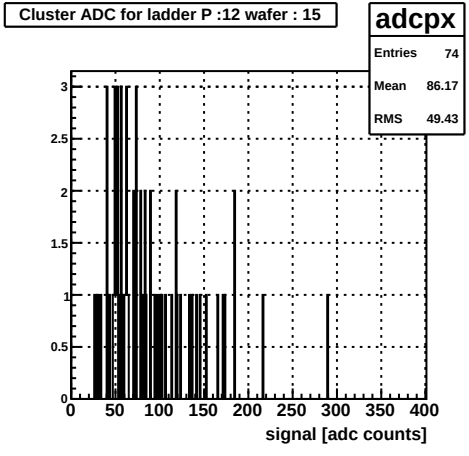

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 99
Mean 77.55
RMS 60.22
signal [adc counts]

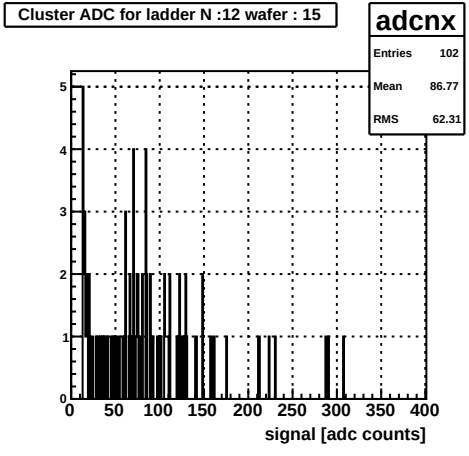

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 73
Mean 63.76
RMS 55.58
signal [adc counts]

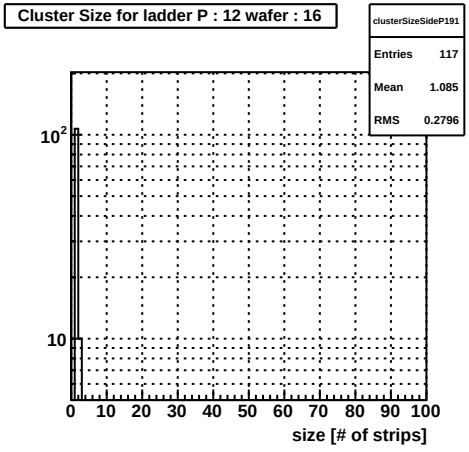

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 74
Mean 1.432
RMS 0.8866
size [# of strips]

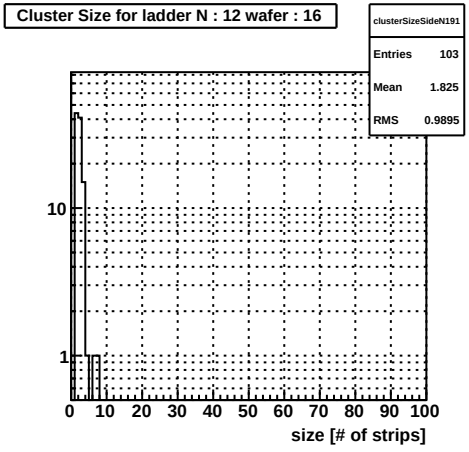

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 102
Mean 1.775
RMS 0.9172
size [# of strips]

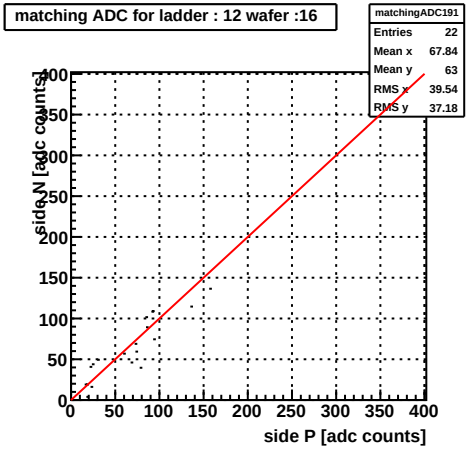

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 67
Mean x 97.69
Mean y 110.4
RMS x 52.3
RMS y 54.14
side N [adc counts]
side P [adc counts]

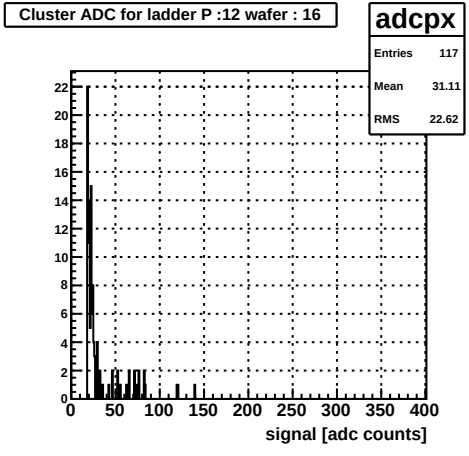

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 74
Mean 86.17
RMS 49.43
signal [adc counts]

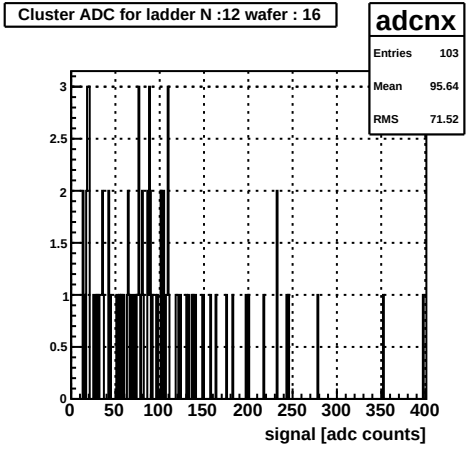

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 102
Mean 86.77
RMS 62.31
signal [adc counts]

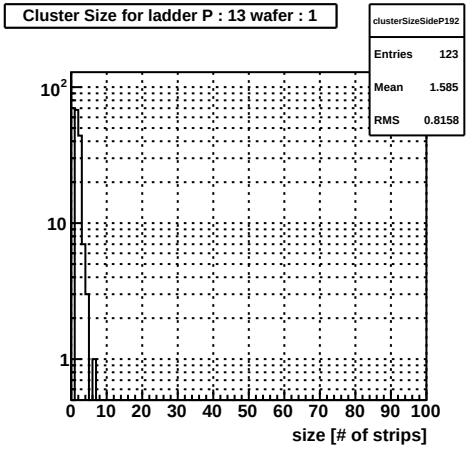

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 117
Mean 1.085
RMS 0.2796
size [# of strips]

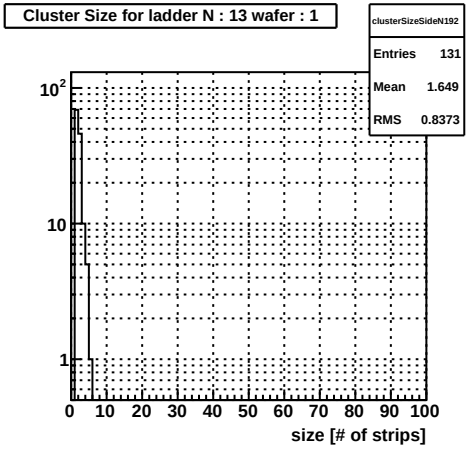

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 103
Mean 1.825
RMS 0.9895
size [# of strips]

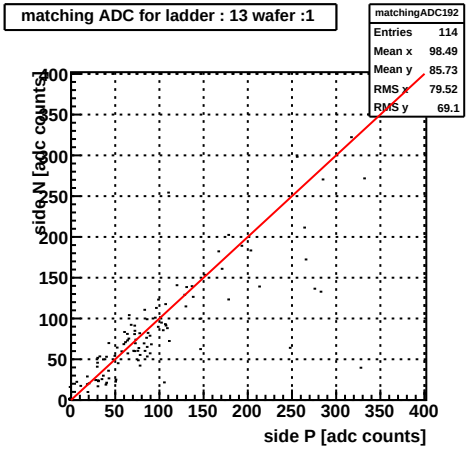

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 22
Mean x 67.84
Mean y 63
RMS x 39.54
RMS y 37.18
side N [adc counts]
side P [adc counts]

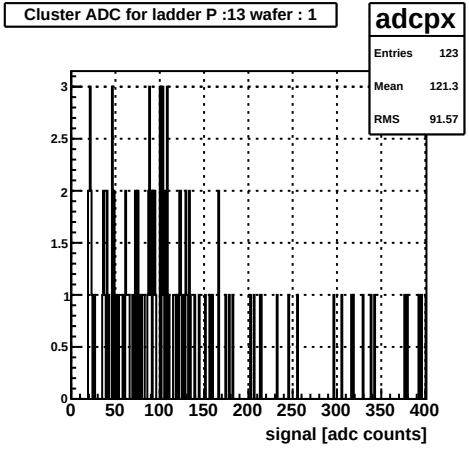

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 117
Mean 31.11
RMS 22.62
signal [adc counts]

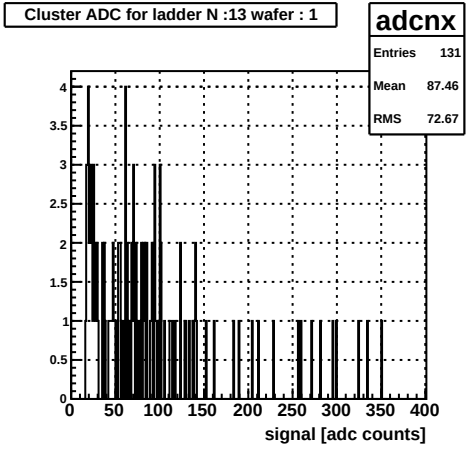

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 103
Mean 95.64
RMS 71.52
signal [adc counts]

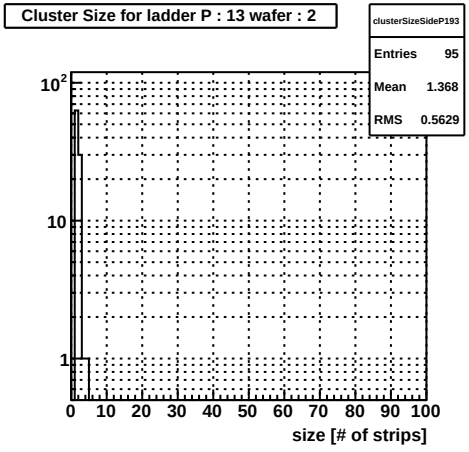

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 123
Mean 1.585
RMS 0.8158
size [# of strips]

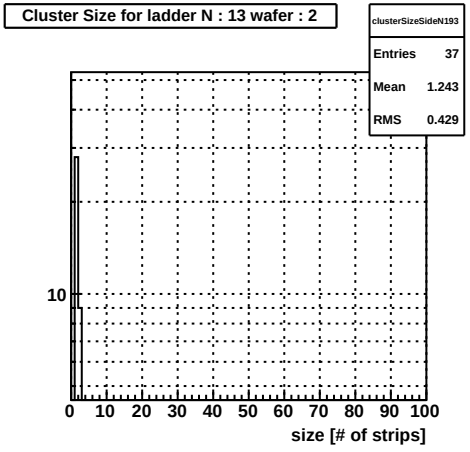

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 131
Mean 1.649
RMS 0.8373
size [# of strips]

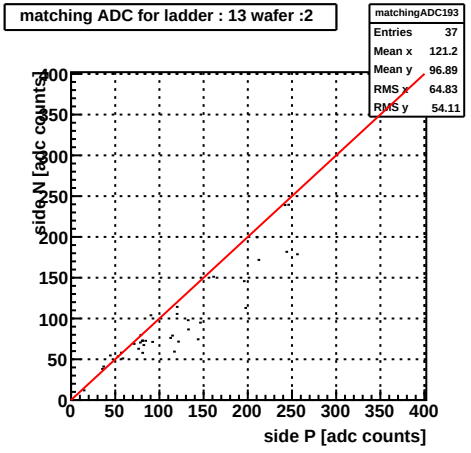

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 114
Mean x 98.49
Mean y 85.73
RMS x 79.52
RMS y 69.1
side N [adc counts]
side P [adc counts]

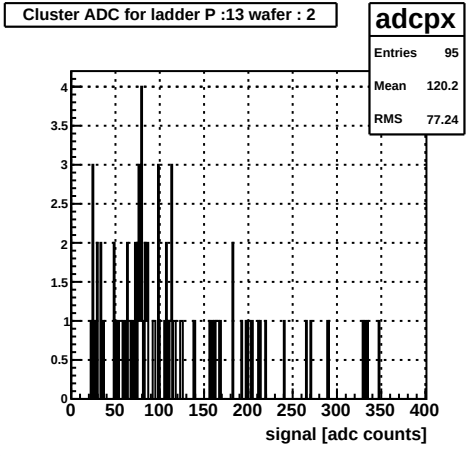

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 123
Mean 121.3
RMS 91.57
signal [adc counts]

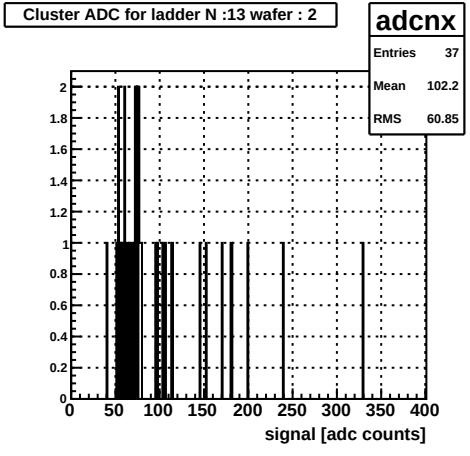

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 131
Mean 87.46
RMS 72.67
signal [adc counts]

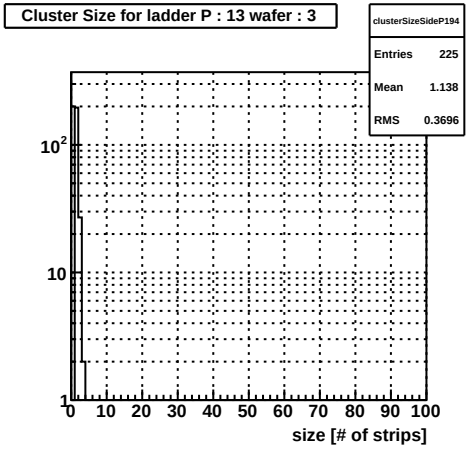

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 95
Mean 1.368
RMS 0.5629
size [# of strips]

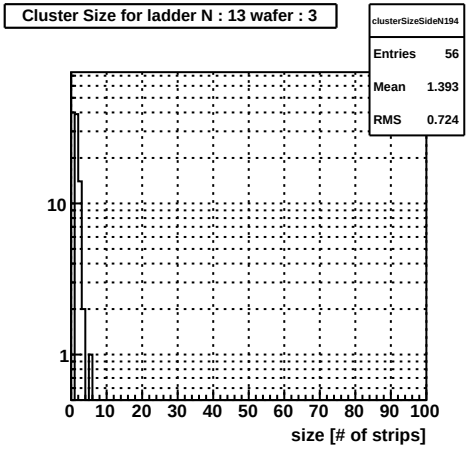

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 37
Mean 1.243
RMS 0.429
size [# of strips]

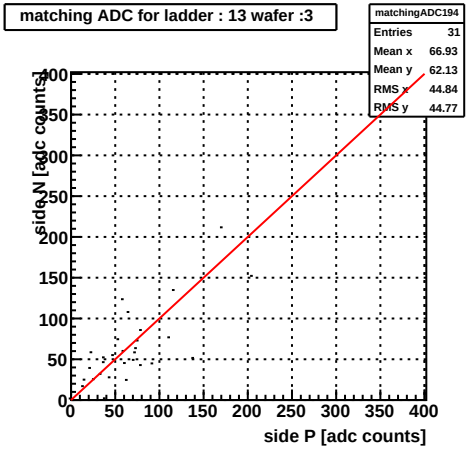

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 37
Mean x 121.2
Mean y 96.89
RMS x 64.83
RMS y 54.11
side N [adc counts]
side P [adc counts]

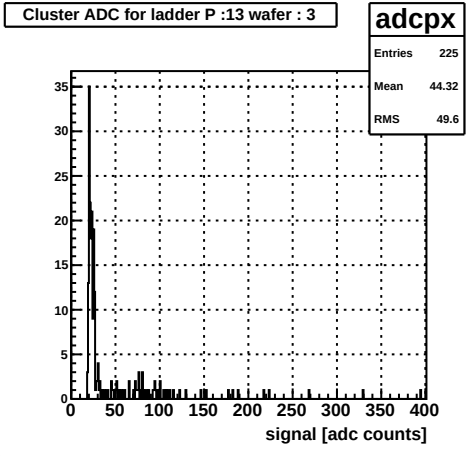

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 95
Mean 120.2
RMS 77.24
signal [adc counts]

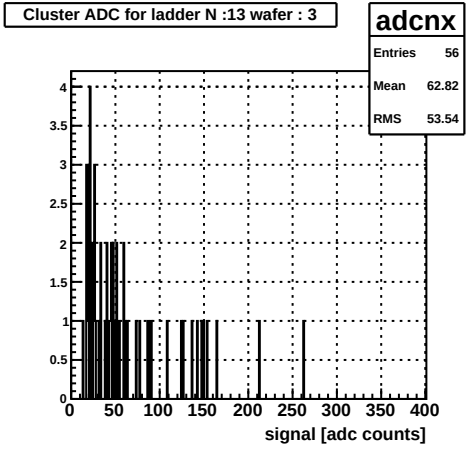

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 37
Mean 102.2
RMS 60.85
signal [adc counts]

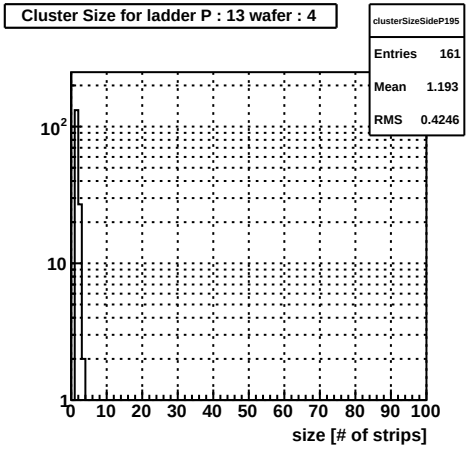

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 225
Mean 1.138
RMS 0.3696
size [# of strips]

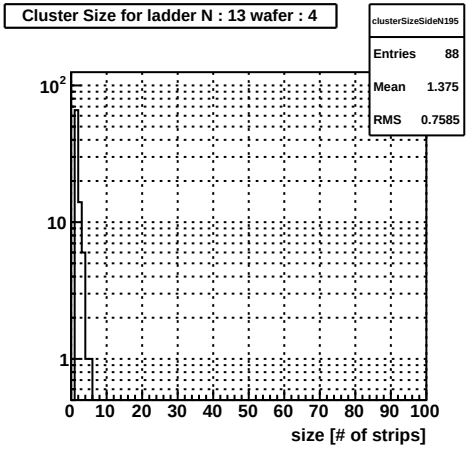

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 56
Mean 1.393
RMS 0.724
size [# of strips]

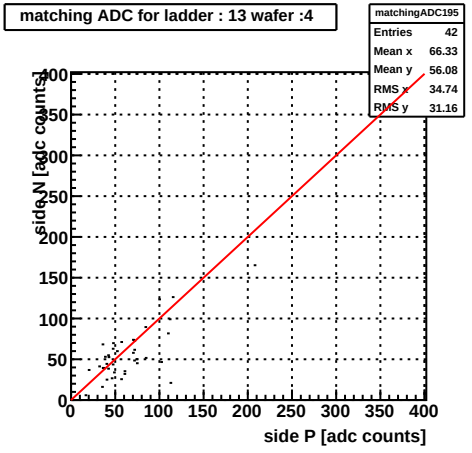

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 31
Mean x 66.93
Mean y 62.13
RMS x 44.84
RMS y 44.77
side N [adc counts]
side P [adc counts]

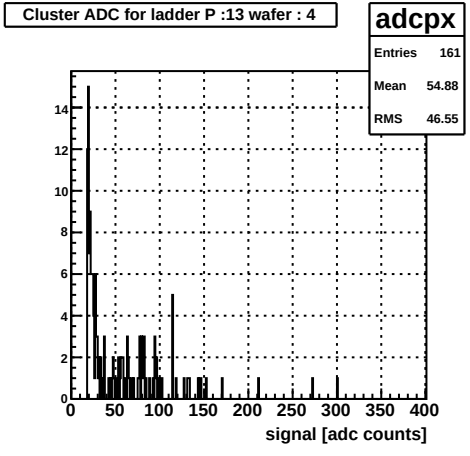

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 225
Mean 44.32
RMS 49.6
signal [adc counts]

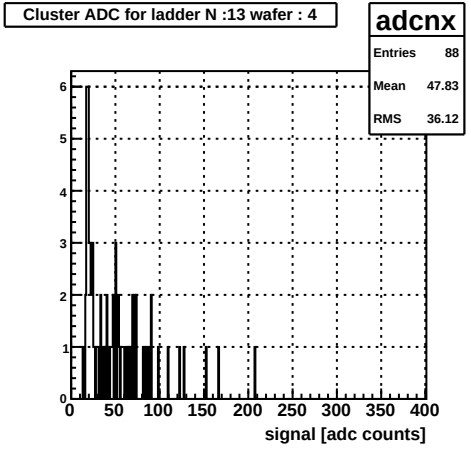

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 56
Mean 62.82
RMS 53.54
signal [adc counts]

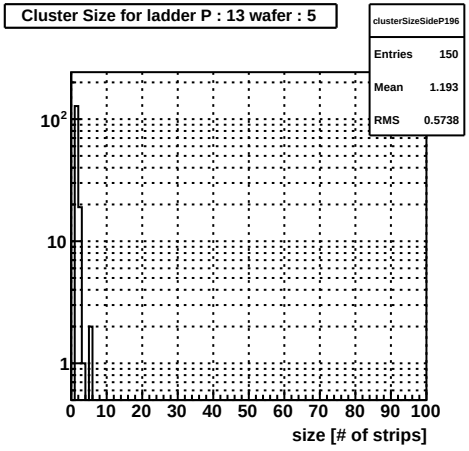

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 161
Mean 1.193
RMS 0.4246
size [# of strips]

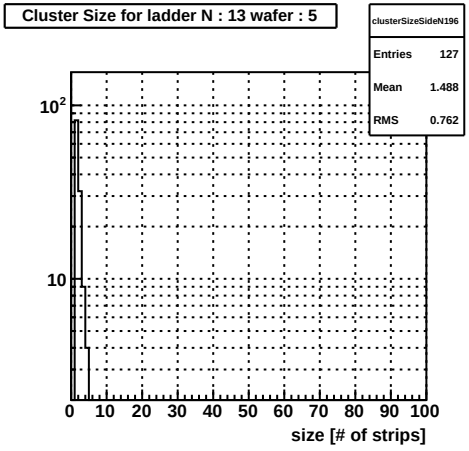

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 88
Mean 1.375
RMS 0.7585
size [# of strips]

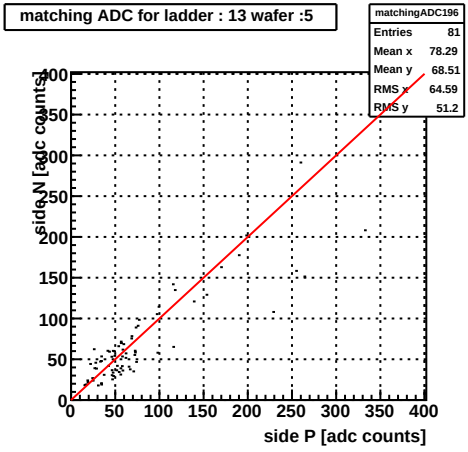

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 42
Mean x 66.33
Mean y 56.08
RMS x 34.74
RMS y 31.16
side N [adc counts]
side P [adc counts]

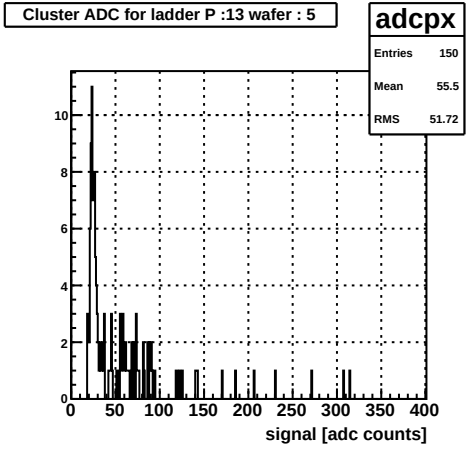

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 161
Mean 54.88
RMS 46.55
signal [adc counts]

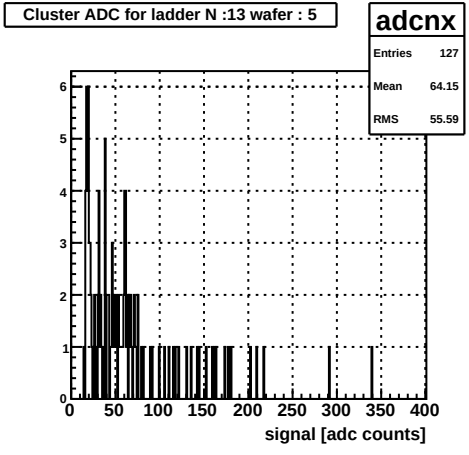

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 88
Mean 47.83
RMS 36.12
signal [adc counts]

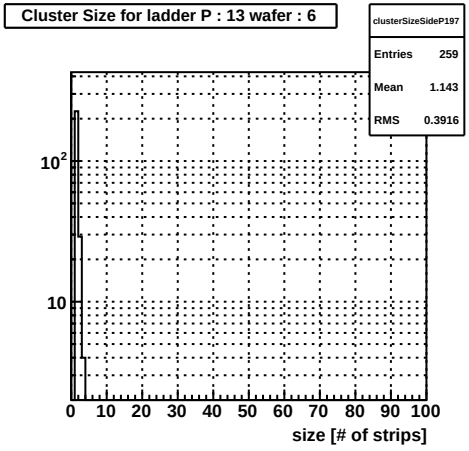

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 150
Mean 1.193
RMS 0.5738
size [# of strips]

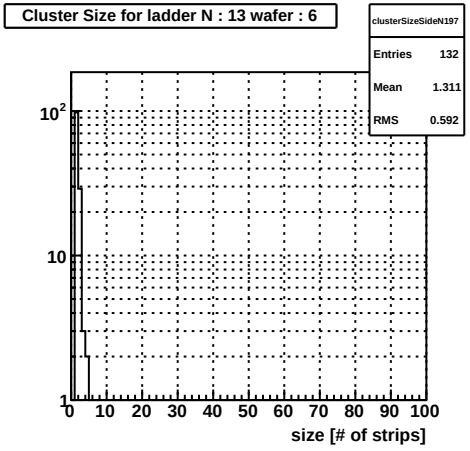

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 127
Mean 1.488
RMS 0.762
size [# of strips]

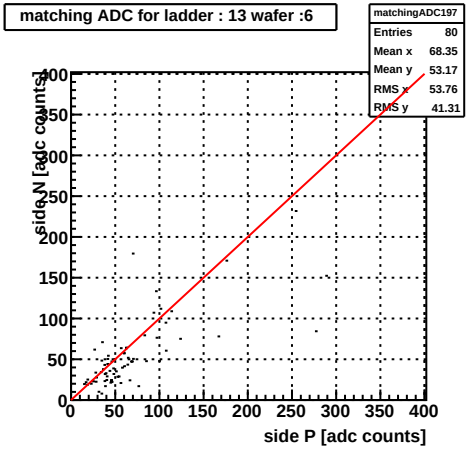

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 81
Mean x 78.29
Mean y 68.51
RMS x 64.59
RMS y 51.2
side N [adc counts]
side P [adc counts]

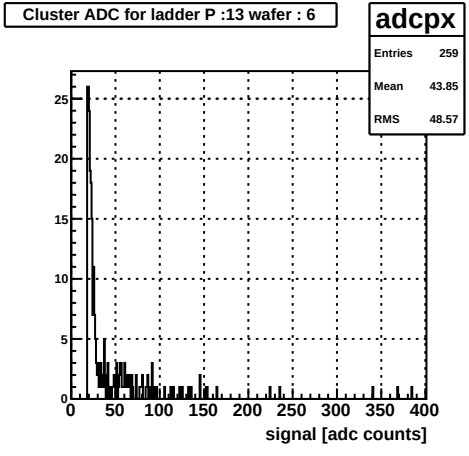

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 150
Mean 55.5
RMS 51.72
signal [adc counts]

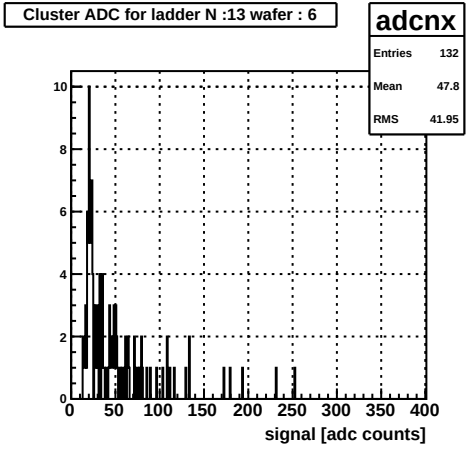

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 127
Mean 64.15
RMS 55.59
signal [adc counts]

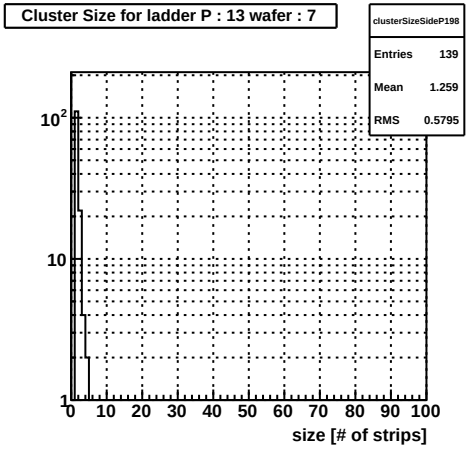

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 259
Mean 1.143
RMS 0.3916
size [# of strips]

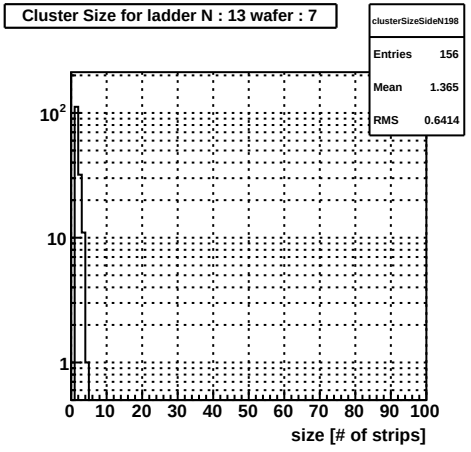

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 132
Mean 1.311
RMS 0.592
size [# of strips]

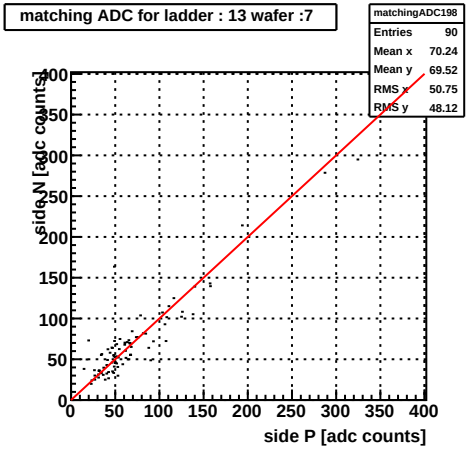

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 80
Mean x 68.35
Mean y 53.17
RMS x 53.76
RMS y 41.31
side N [adc counts]
side P [adc counts]

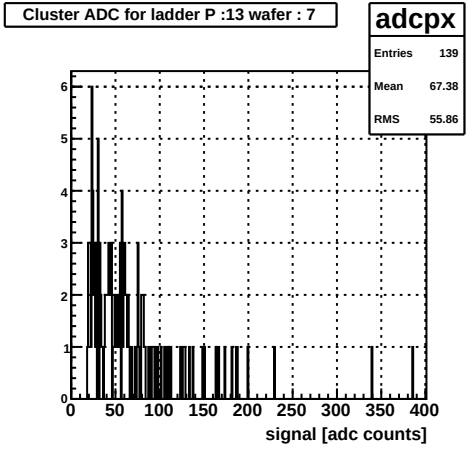

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 259
Mean 43.85
RMS 48.57
signal [adc counts]

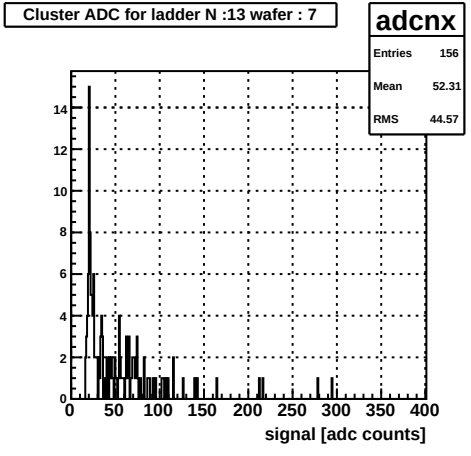

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 132
Mean 47.8
RMS 41.95
signal [adc counts]

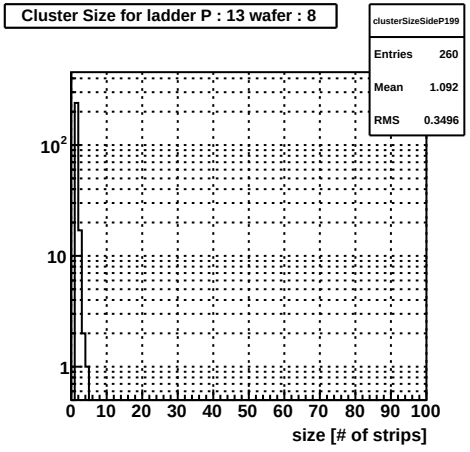

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 139
Mean 1.259
RMS 0.5795
size [# of strips]

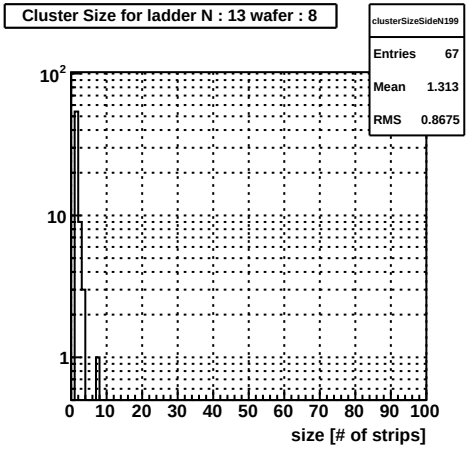

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 156
Mean 1.365
RMS 0.6414
size [# of strips]

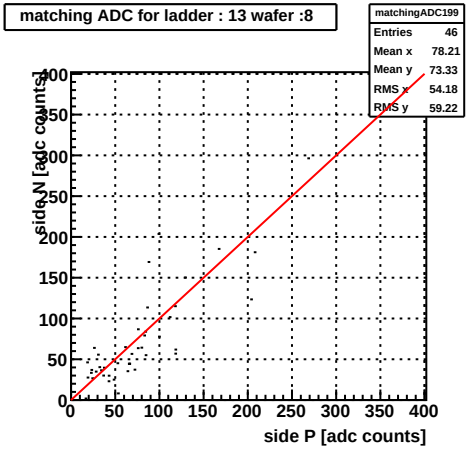

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 90
Mean x 70.24
Mean y 69.52
RMS x 50.75
RMS y 48.12
side N [adc counts]
side P [adc counts]

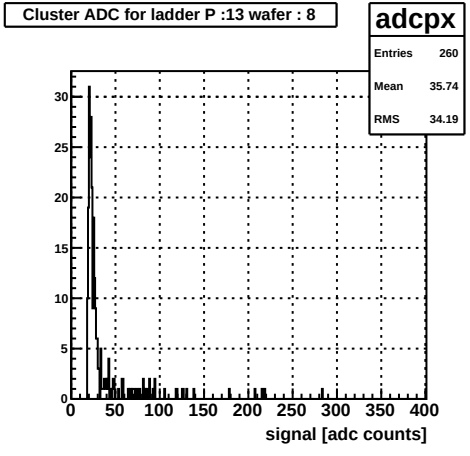

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 139
Mean 67.38
RMS 55.86
signal [adc counts]

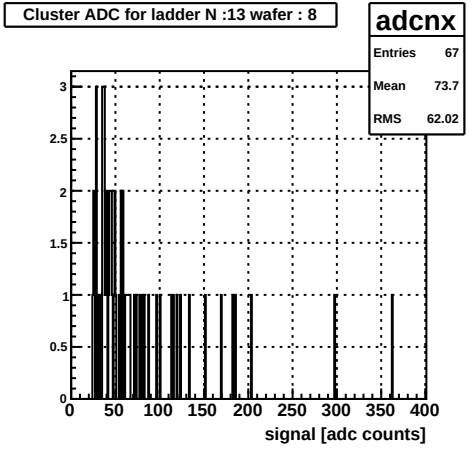

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 156
Mean 52.31
RMS 44.57
signal [adc counts]

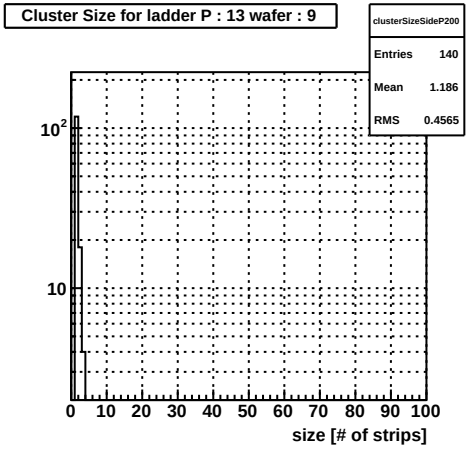

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 260
Mean 1.092
RMS 0.3496
size [# of strips]

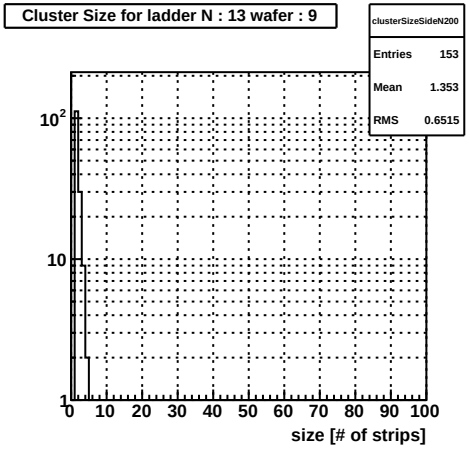

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 67
Mean 1.313
RMS 0.8675
size [# of strips]

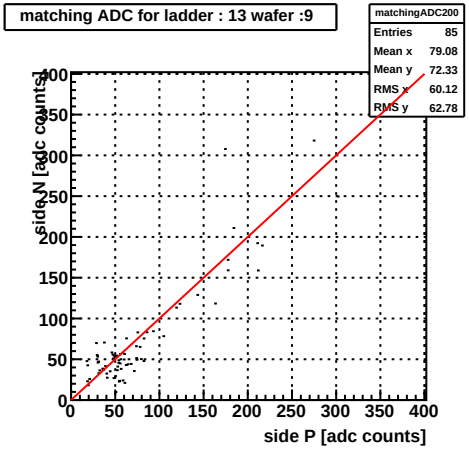

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 46
Mean x 78.21
Mean y 73.33
RMS x 54.18
RMS y 59.22
side N [adc counts]
side P [adc counts]

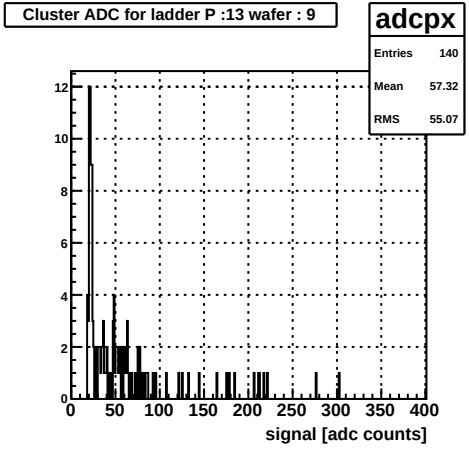

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 260
Mean 35.74
RMS 34.19
signal [adc counts]

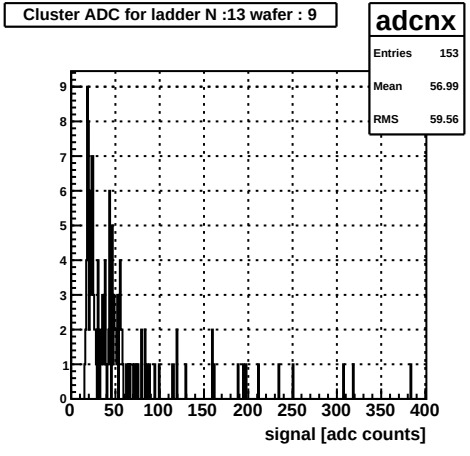

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 67
Mean 73.7
RMS 62.02
signal [adc counts]

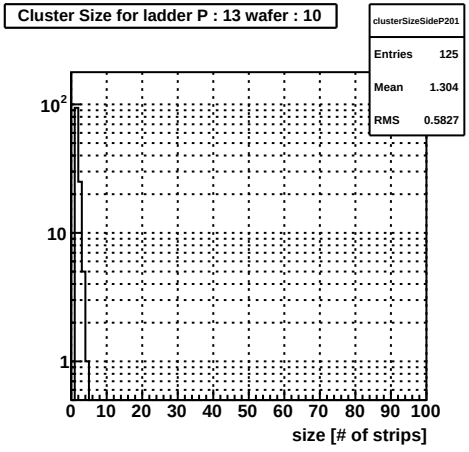

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 140
Mean 1.186
RMS 0.4565
size [# of strips]

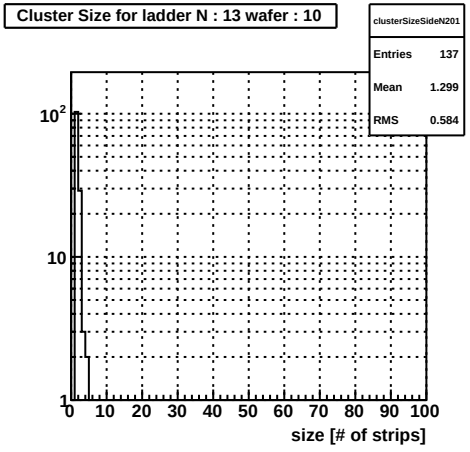

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 153
Mean 1.353
RMS 0.6515
size [# of strips]

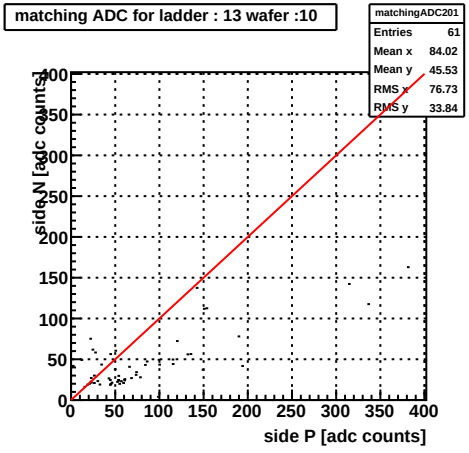

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 85
Mean x 79.08
Mean y 72.33
RMS x 60.12
RMS y 62.78
side N [adc counts]
side P [adc counts]

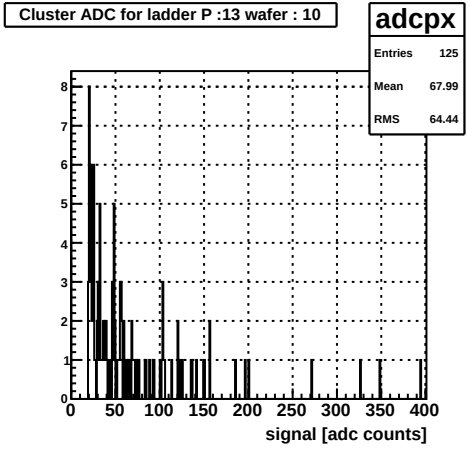

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 140
Mean 57.32
RMS 55.07
signal [adc counts]

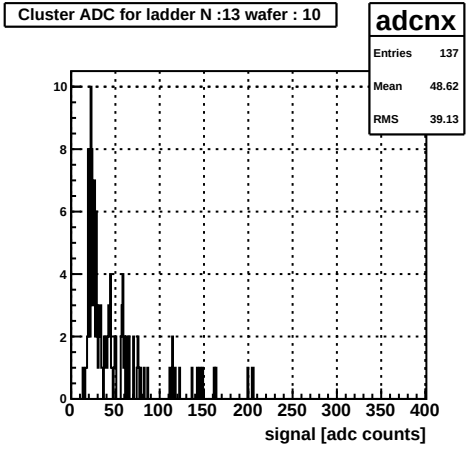

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 153
Mean 56.99
RMS 59.56
signal [adc counts]

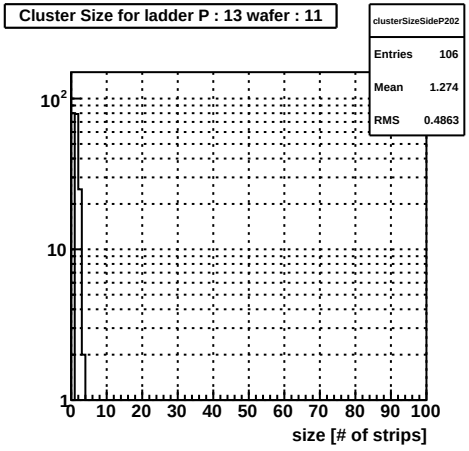

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 125
Mean 1.304
RMS 0.5827
size [# of strips]

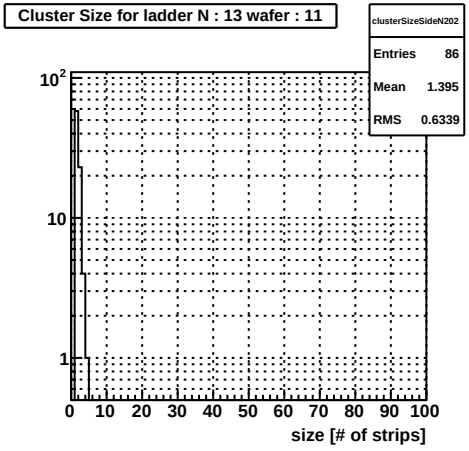

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 137
Mean 1.299
RMS 0.584
size [# of strips]

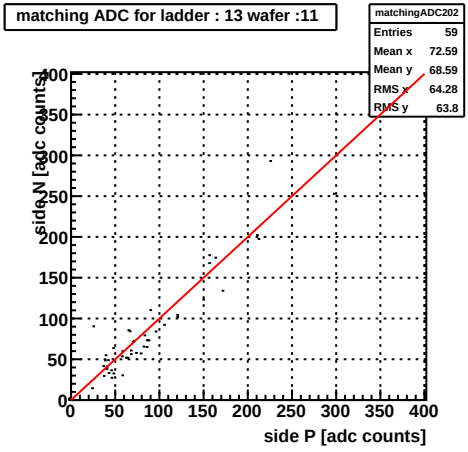

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 61
Mean x 84.02
Mean y 45.53
RMS x 76.73
RMS y 33.84
side N [adc counts]
side P [adc counts]

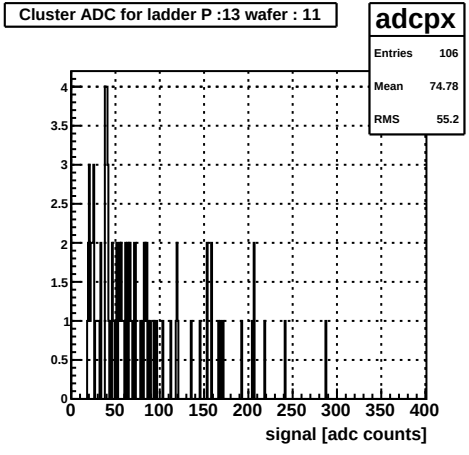

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 125
Mean 67.99
RMS 64.44
signal [adc counts]

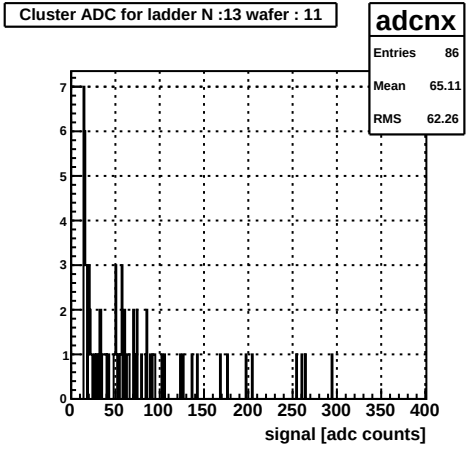

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 137
Mean 48.62
RMS 39.13
signal [adc counts]

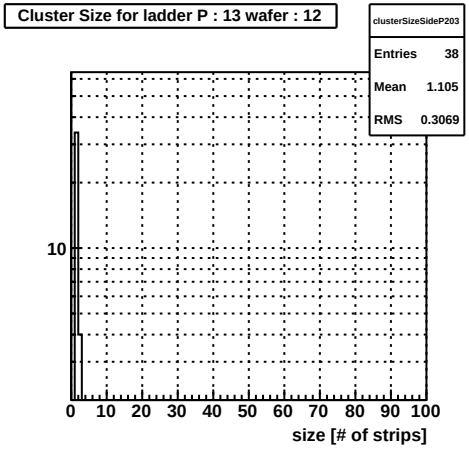

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 106
Mean 1.274
RMS 0.4863
size [# of strips]

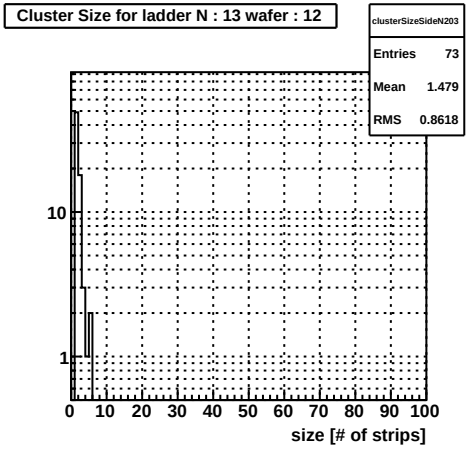

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 86
Mean 1.395
RMS 0.6339
size [# of strips]

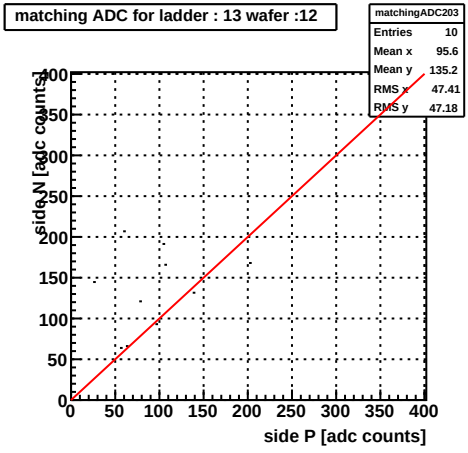

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 59
Mean x 72.59
Mean y 68.59
RMS x 64.28
RMS y 63.8
side N [adc counts]
side P [adc counts]

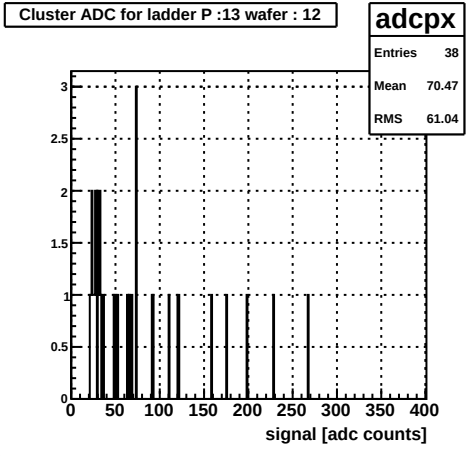

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 106
Mean 74.78
RMS 55.2
signal [adc counts]

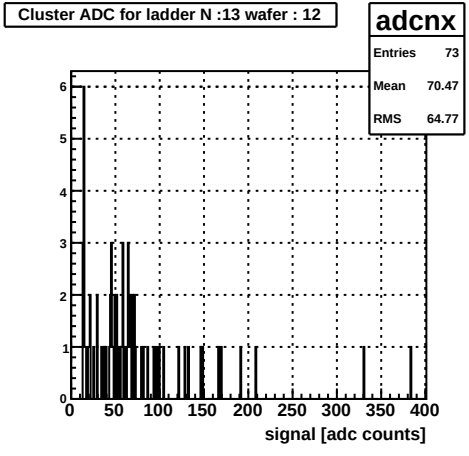

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 86
Mean 65.11
RMS 62.26
signal [adc counts]

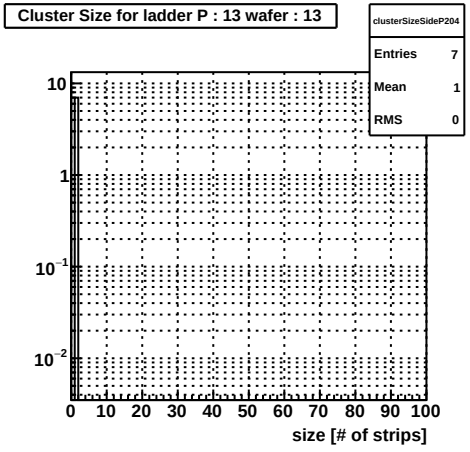

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 38
Mean 1.105
RMS 0.3069
size [# of strips]

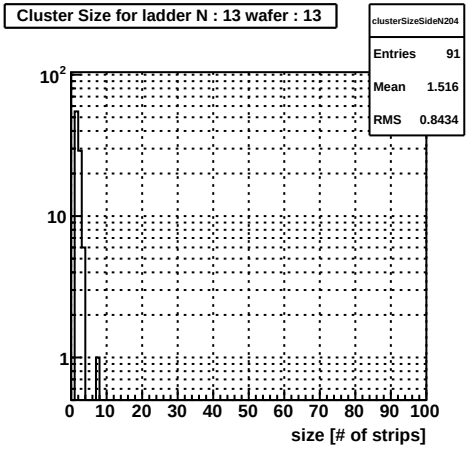

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 73
Mean 1.479
RMS 0.8618
size [# of strips]

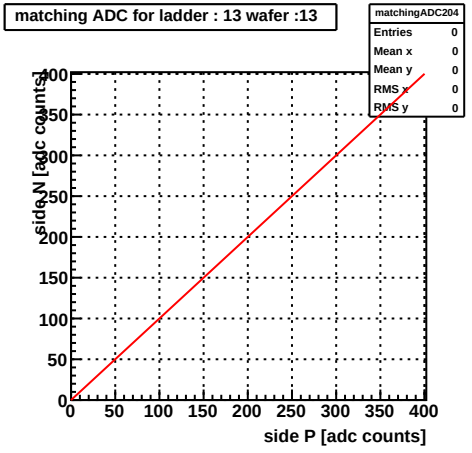

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 10
Mean x 95.6
Mean y 135.2
RMS x 47.41
RMS y 47.18
side N [adc counts]
side P [adc counts]

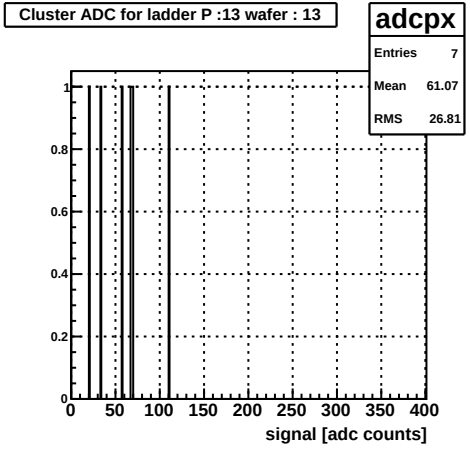

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 38
Mean 70.47
RMS 61.04
signal [adc counts]

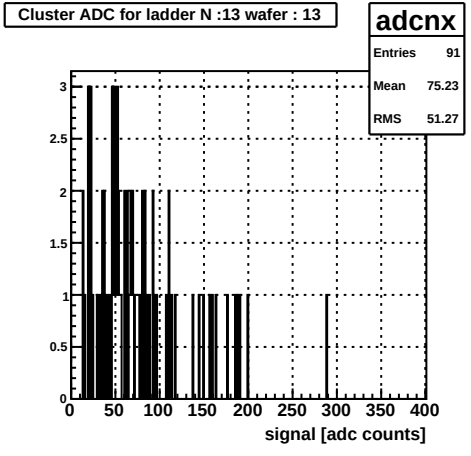

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 73
Mean 70.47
RMS 64.77
signal [adc counts]

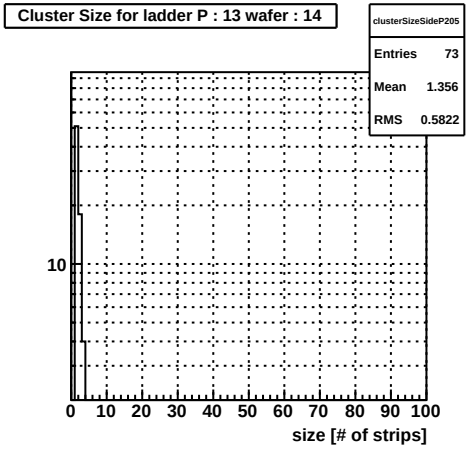

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 7
Mean 1
RMS 0
size [# of strips]

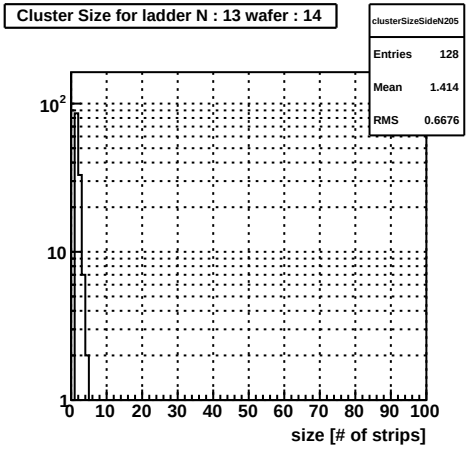

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 91
Mean 1.516
RMS 0.8434
size [# of strips]

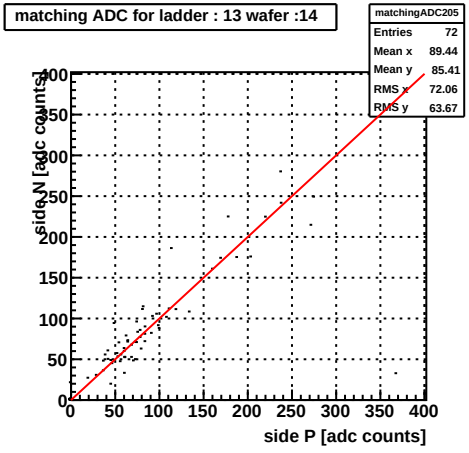

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

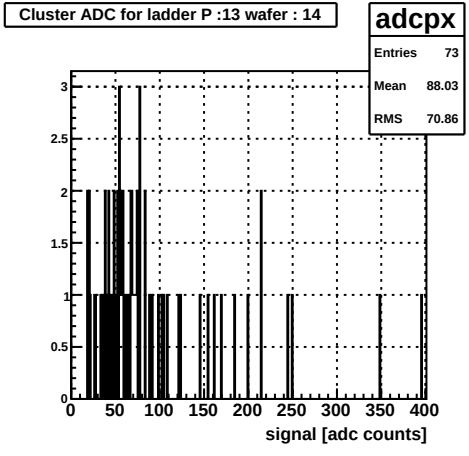

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 7
Mean 61.07
RMS 26.81
signal [adc counts]

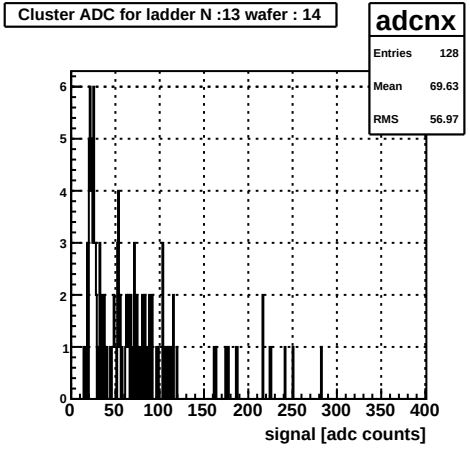

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 91
Mean 75.23
RMS 51.27
signal [adc counts]

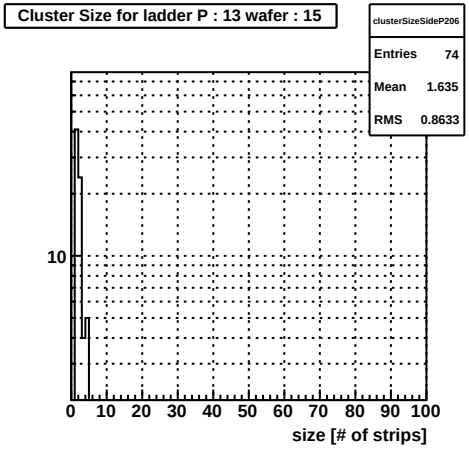

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 73
Mean 1.356
RMS 0.5822
size [# of strips]

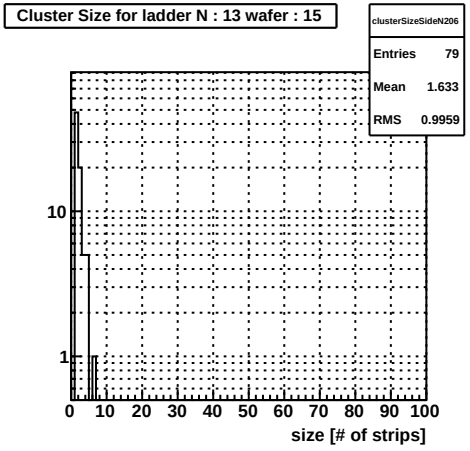

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 128
Mean 1.414
RMS 0.6676
size [# of strips]

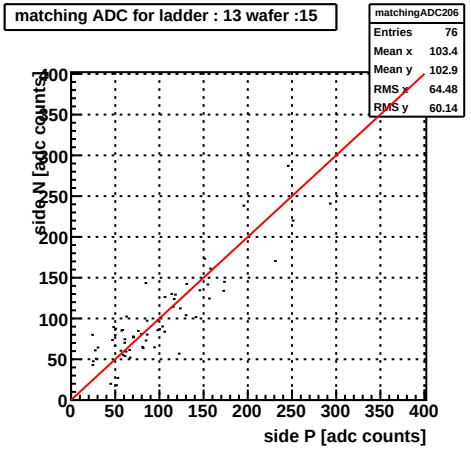

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 72
Mean x 89.44
Mean y 85.41
RMS x 72.06
RMS y 63.67
side N [adc counts]
side P [adc counts]

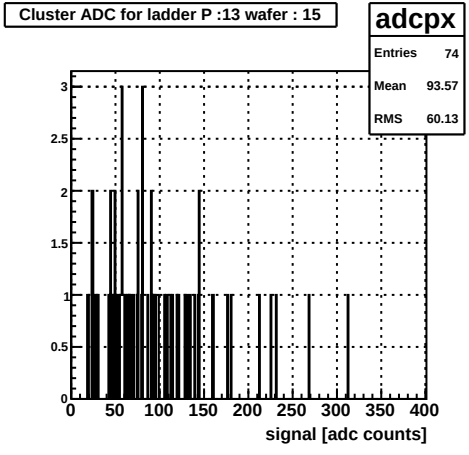

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 73
Mean 88.03
RMS 70.86
signal [adc counts]

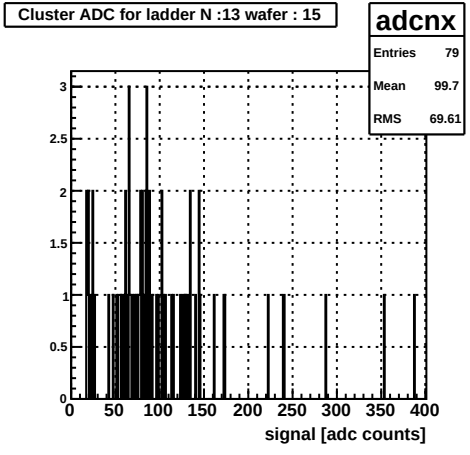

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 128
Mean 69.63
RMS 56.97
signal [adc counts]

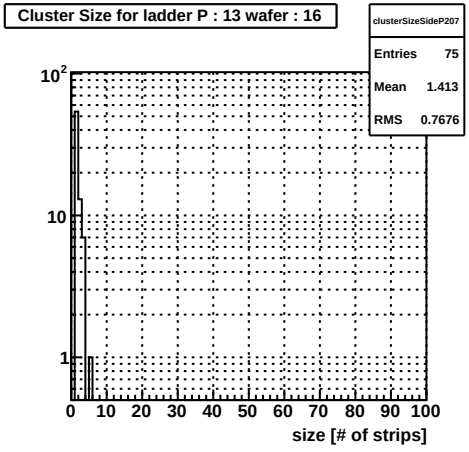

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 74
Mean 1.635
RMS 0.8633
size [# of strips]

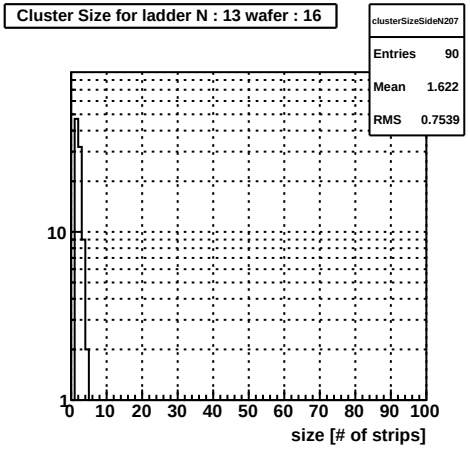

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 79
Mean 1.633
RMS 0.9959
size [# of strips]

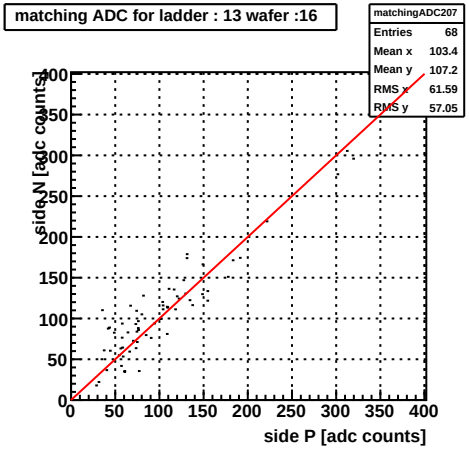

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 76
Mean x 103.4
Mean y 102.9
RMS x 64.48
RMS y 60.14
side N [adc counts]
side P [adc counts]

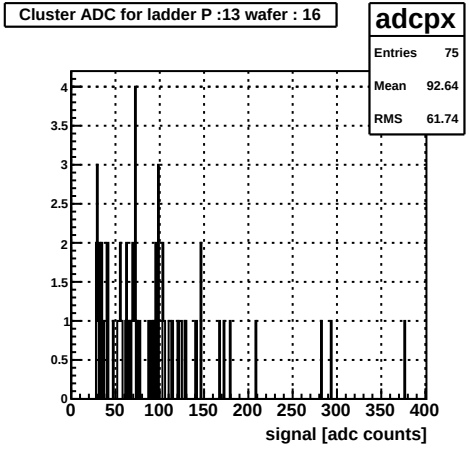

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 74
Mean 93.57
RMS 60.13
signal [adc counts]

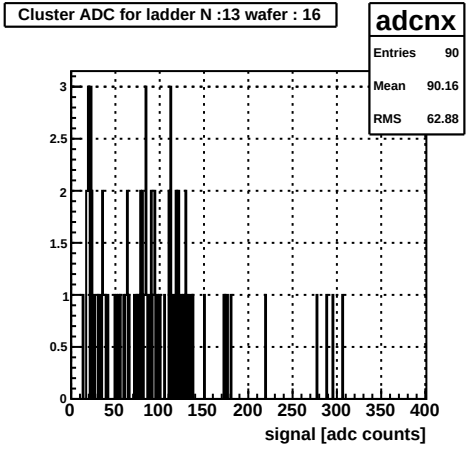

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 79
Mean 99.7
RMS 69.61
signal [adc counts]

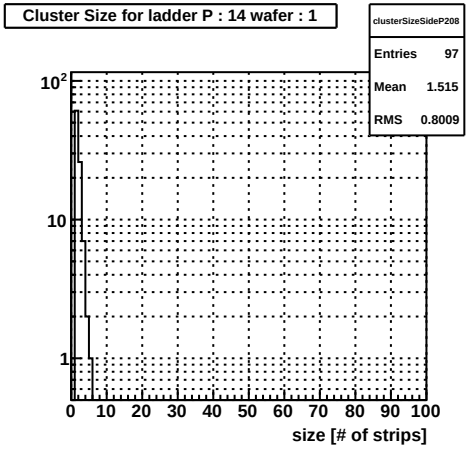

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 75
Mean 1.413
RMS 0.7676
size [# of strips]

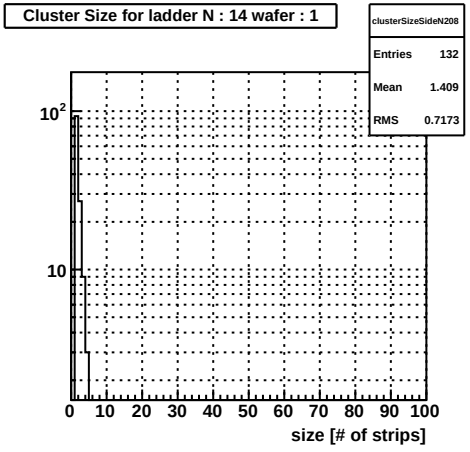

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 90
Mean 1.622
RMS 0.7539
size [# of strips]

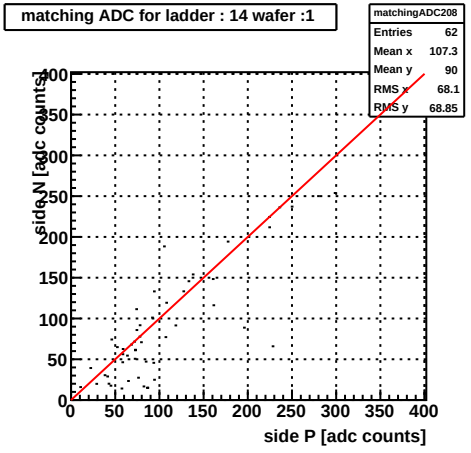

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 68
Mean x 103.4
Mean y 107.2
RMS x 61.59
RMS y 57.05
side N [adc counts]
side P [adc counts]

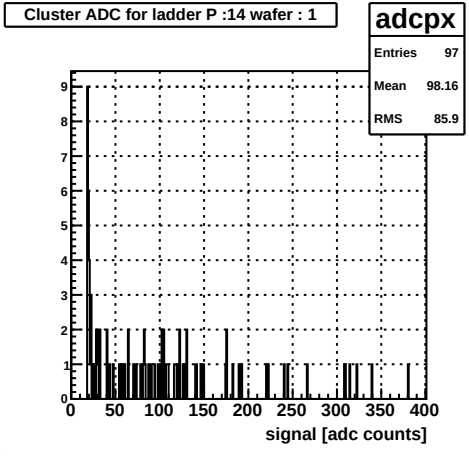

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 75
Mean 92.64
RMS 61.74
signal [adc counts]

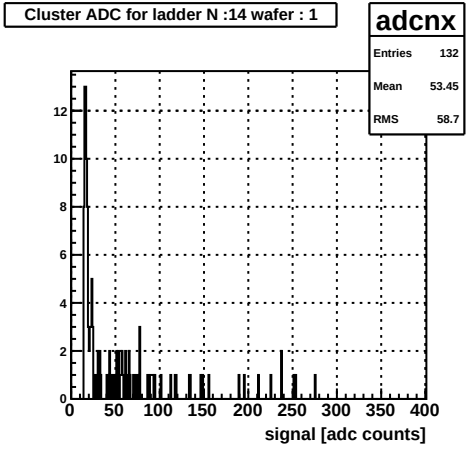

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 90
Mean 90.16
RMS 62.88
signal [adc counts]

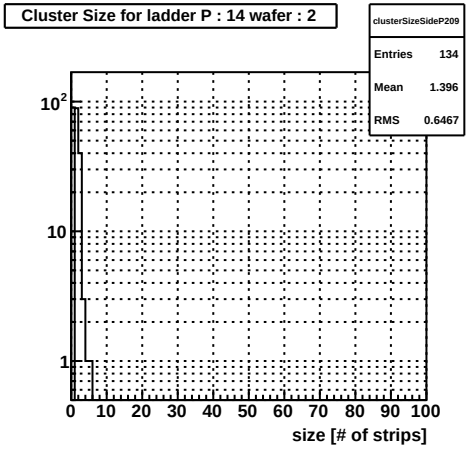

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 97
Mean 1.515
RMS 0.8009
size [# of strips]

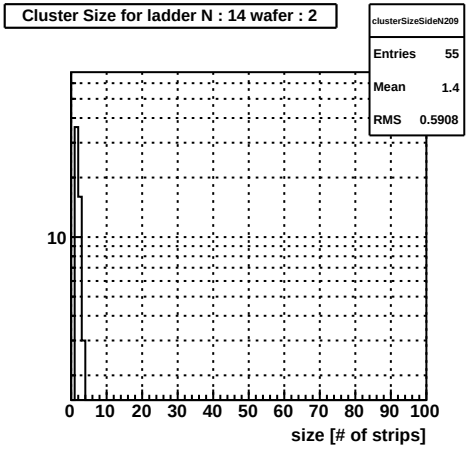

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 132
Mean 1.409
RMS 0.7173
size [# of strips]

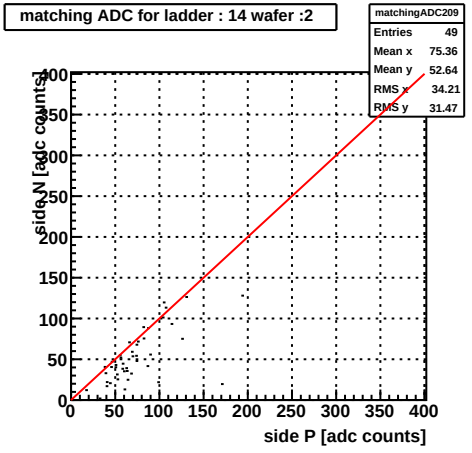

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 62
Mean x 107.3
Mean y 90
RMS x 68.1
RMS y 68.85
side N [adc counts]
side P [adc counts]

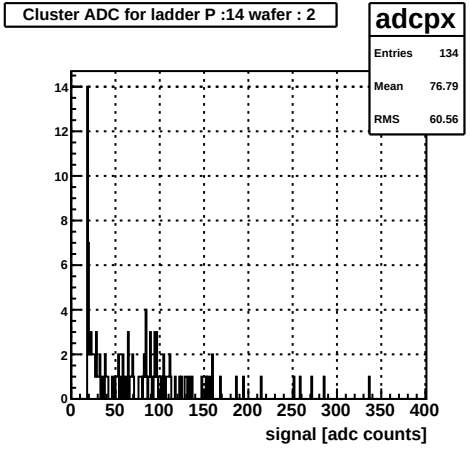

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 97
Mean 98.16
RMS 85.9
signal [adc counts]

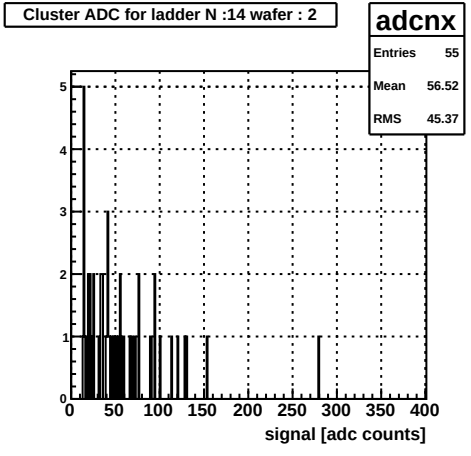

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 132
Mean 53.45
RMS 58.7
signal [adc counts]

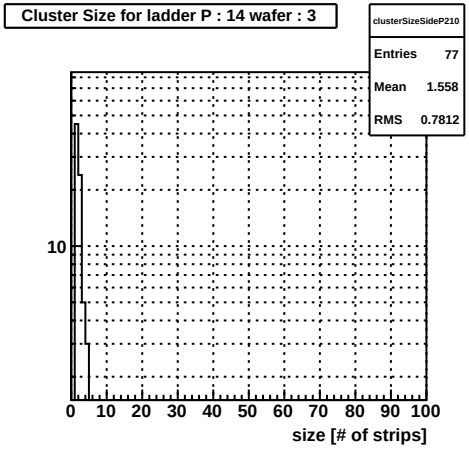

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 134
Mean 1.396
RMS 0.6467
size [# of strips]

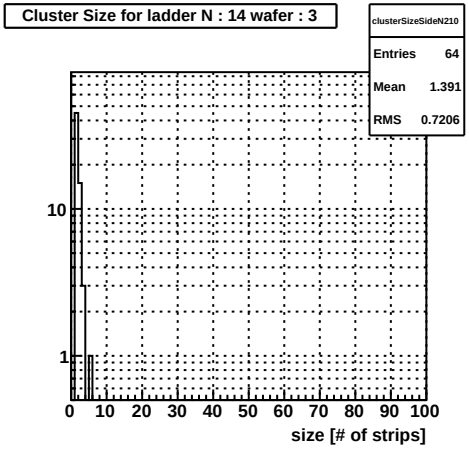

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 55
Mean 1.4
RMS 0.5908
size [# of strips]

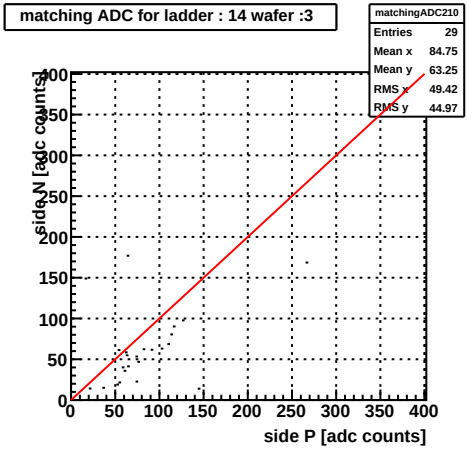

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 49
Mean x 75.36
Mean y 52.64
RMS x 34.21
RMS y 31.47
side N [adc counts]
side P [adc counts]

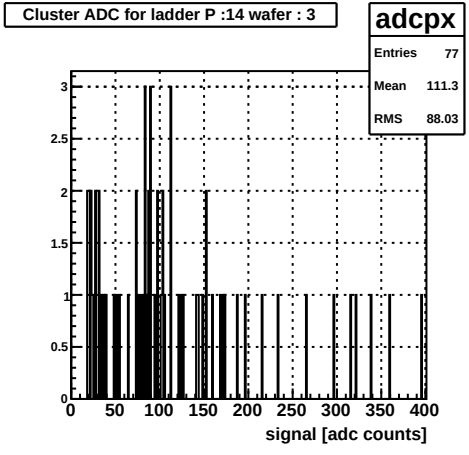

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 134
Mean 76.79
RMS 60.56
signal [adc counts]

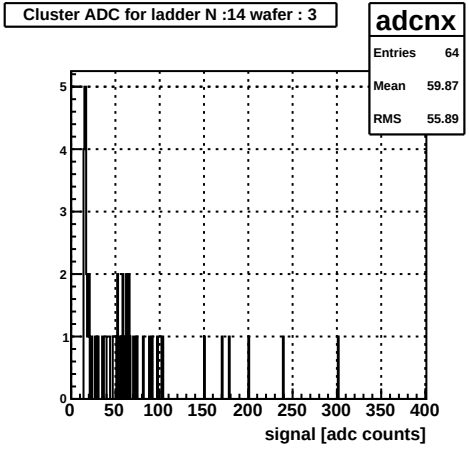

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 55
Mean 56.52
RMS 45.37
signal [adc counts]

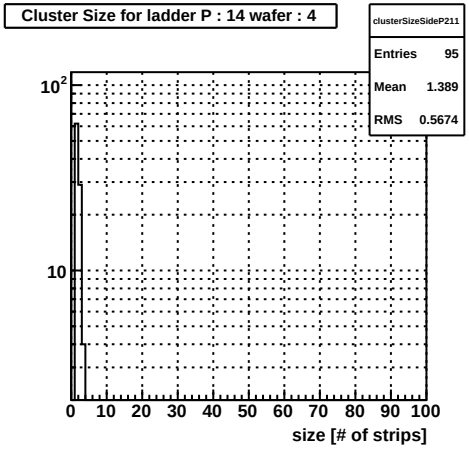

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 77
Mean 1.558
RMS 0.7812
size [# of strips]

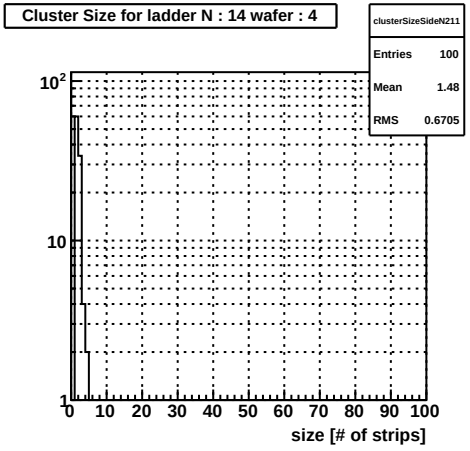

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 64
Mean 1.391
RMS 0.7206
size [# of strips]

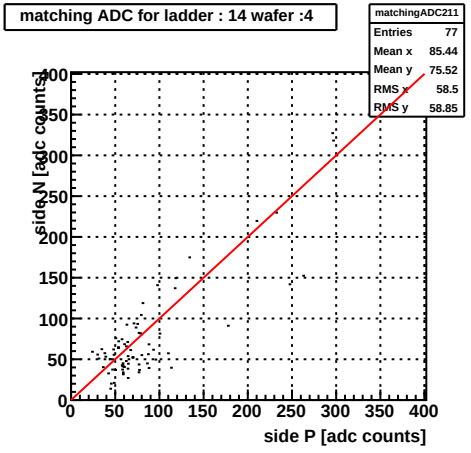

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 29
Mean x 84.75
Mean y 63.25
RMS x 49.42
RMS y 44.97
side N [adc counts]
side P [adc counts]

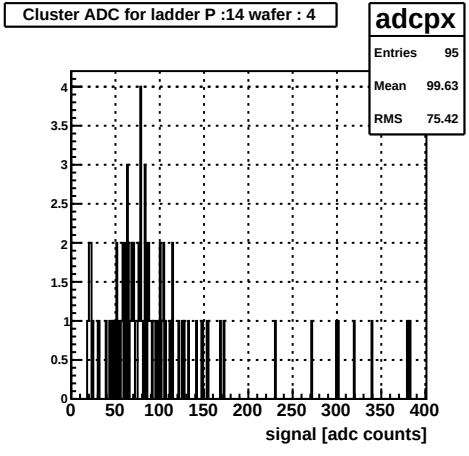

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 77
Mean 111.3
RMS 88.03
signal [adc counts]

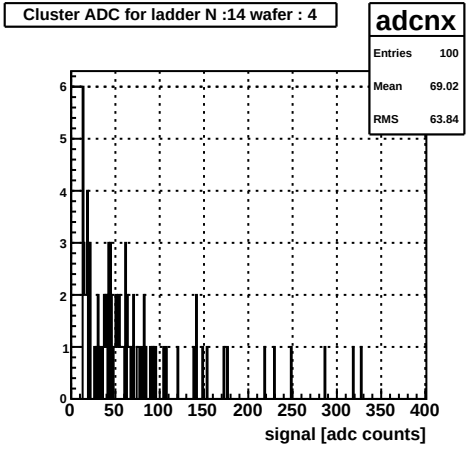

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 64
Mean 59.87
RMS 55.89
signal [adc counts]

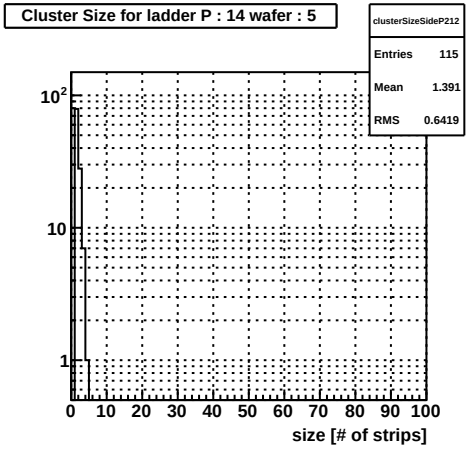

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 95
Mean 1.389
RMS 0.5674
size [# of strips]

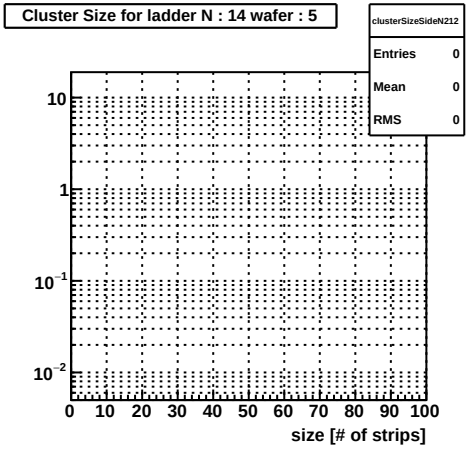

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 100
Mean 1.48
RMS 0.6705
size [# of strips]

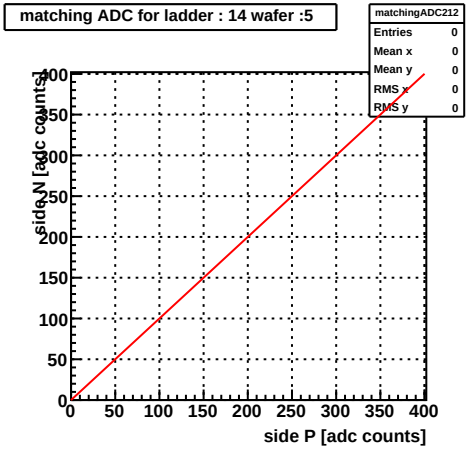

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 77
Mean x 85.44
Mean y 75.52
RMS x 58.5
RMS y 58.85
side N [adc counts]
side P [adc counts]

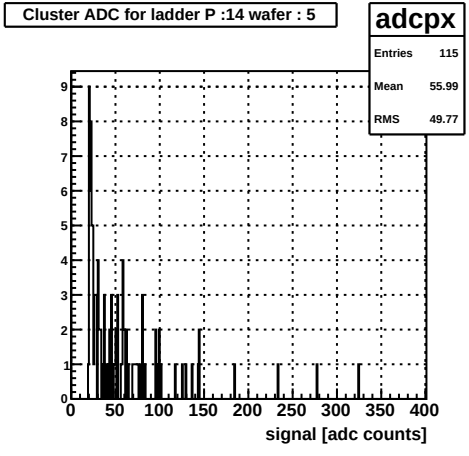

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 95
Mean 99.63
RMS 75.42
signal [adc counts]

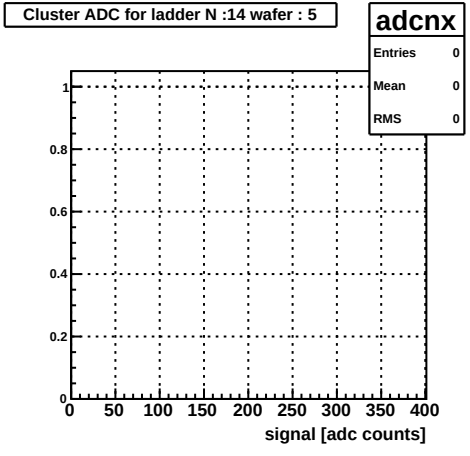

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 100
Mean 69.02
RMS 63.84
signal [adc counts]

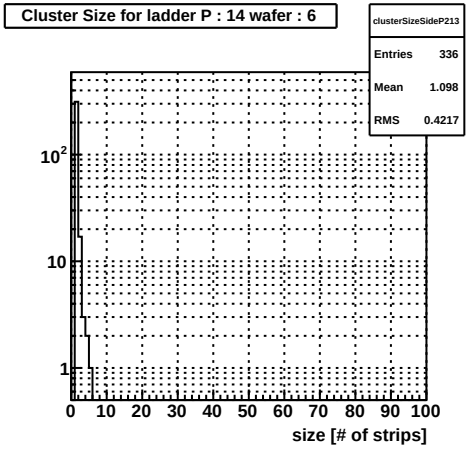

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 115
Mean 1.391
RMS 0.6419
size [# of strips]

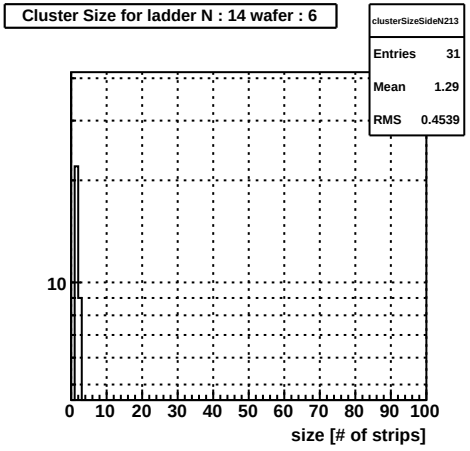

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

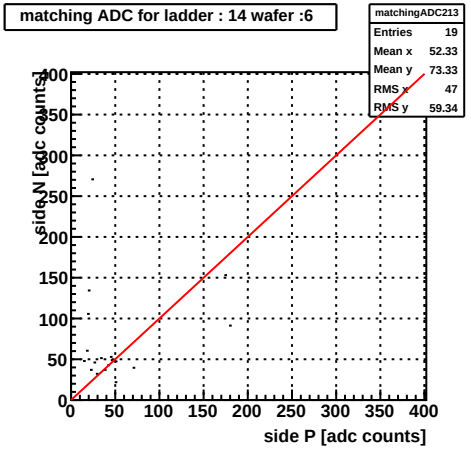

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

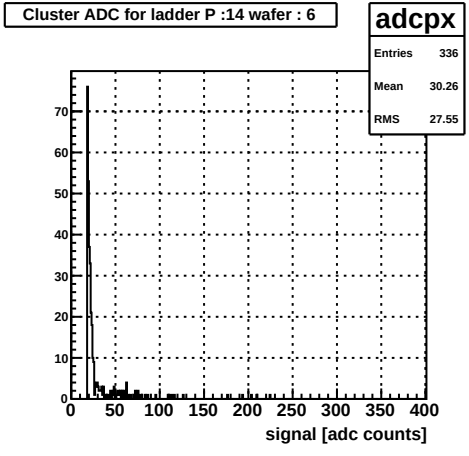

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 115
Mean 55.99
RMS 49.77
signal [adc counts]

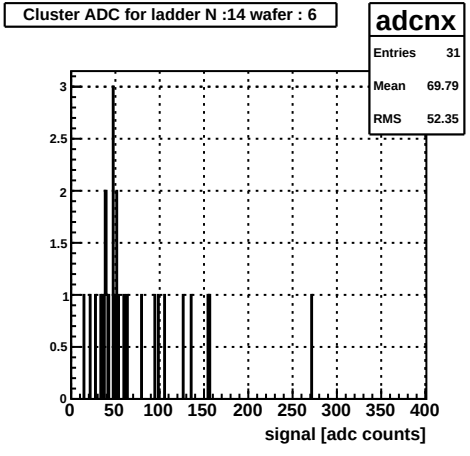

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

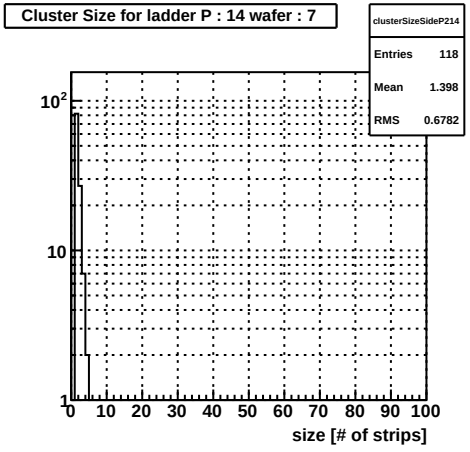

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 336
Mean 1.098
RMS 0.4217
size [# of strips]

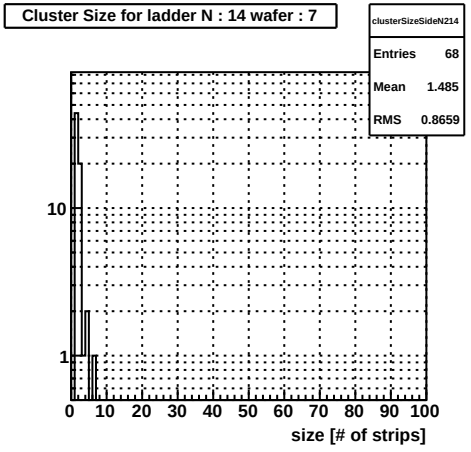

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 31
Mean 1.29
RMS 0.4539
size [# of strips]

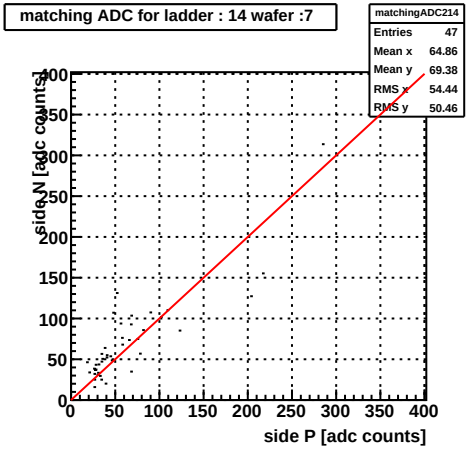

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 19
Mean x 52.33
Mean y 73.33
RMS x 47
RMS y 59.34
side N [adc counts]
side P [adc counts]

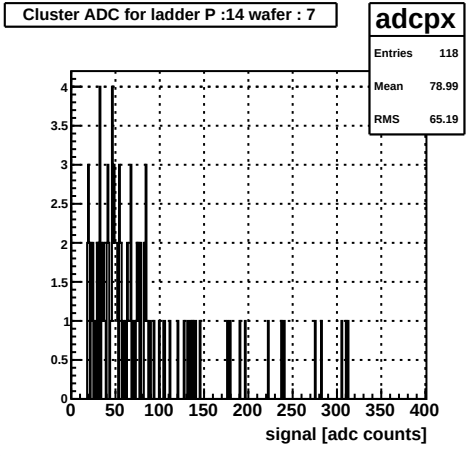

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 336
Mean 30.26
RMS 27.55
signal [adc counts]

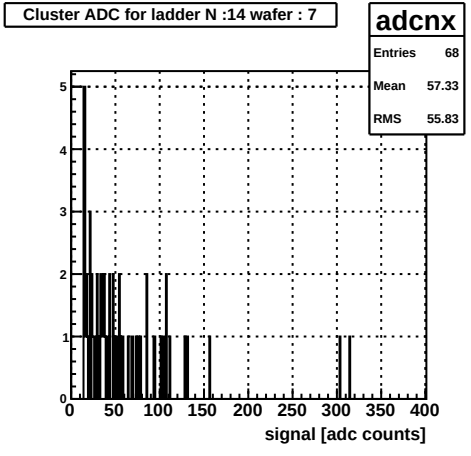

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 31
Mean 69.79
RMS 52.35
signal [adc counts]

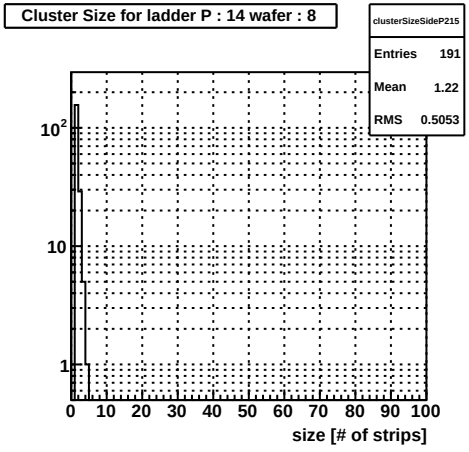

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 118
Mean 1.398
RMS 0.6782
size [# of strips]

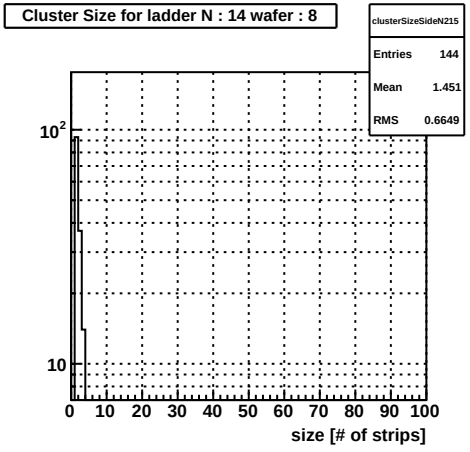

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 68
Mean 1.485
RMS 0.8659
size [# of strips]

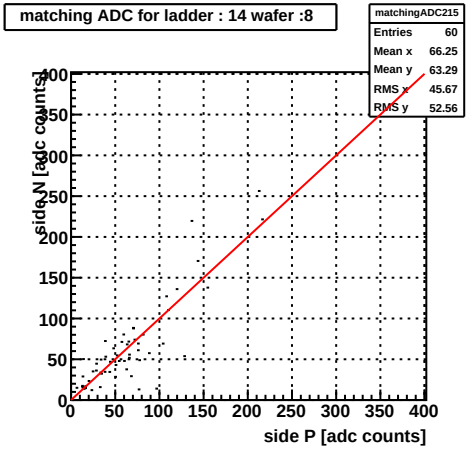

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 47
Mean x 64.86
Mean y 69.38
RMS x 54.44
RMS y 50.46
side N [adc counts]
side P [adc counts]

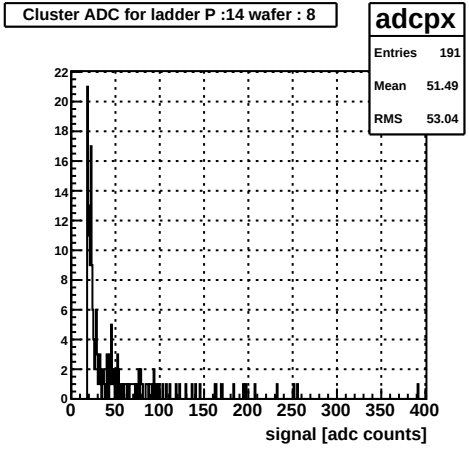

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 118
Mean 78.99
RMS 65.19
signal [adc counts]

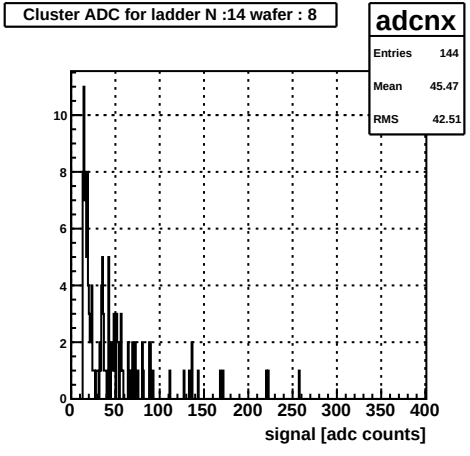

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 68
Mean 57.33
RMS 55.83
signal [adc counts]

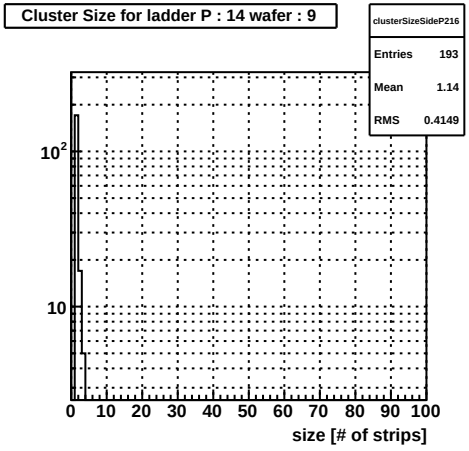

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 191
Mean 1.22
RMS 0.5053
size [# of strips]

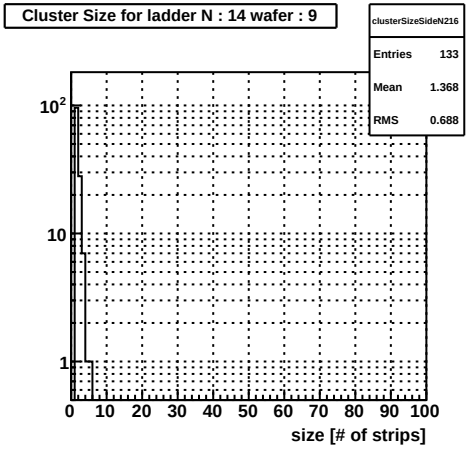

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 144
Mean 1.451
RMS 0.6649
size [# of strips]

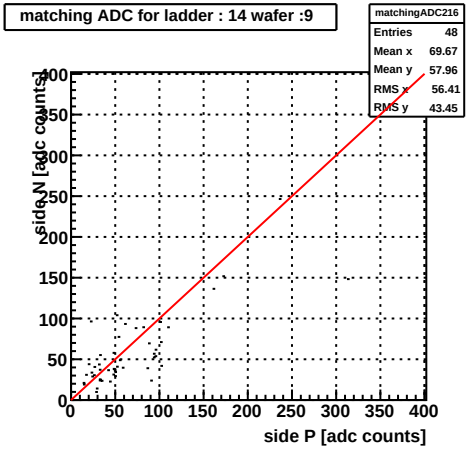

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 60
Mean x 66.25
Mean y 63.29
RMS x 45.67
RMS y 52.56
side N [adc counts]
side P [adc counts]

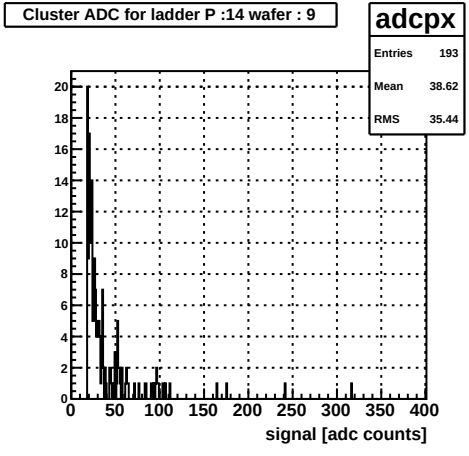

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 191
Mean 51.49
RMS 53.04
signal [adc counts]

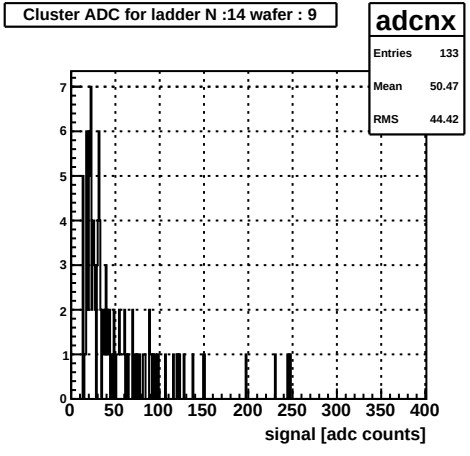

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 144
Mean 45.47
RMS 42.51
signal [adc counts]

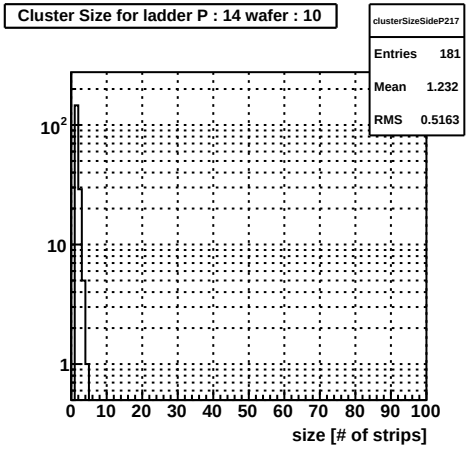

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 193
Mean 1.14
RMS 0.4149
size [# of strips]

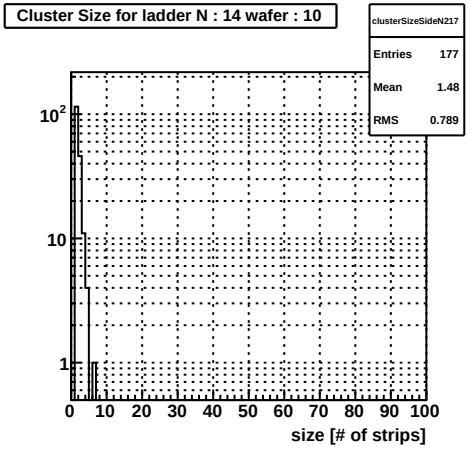

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 133
Mean 1.368
RMS 0.688
size [# of strips]

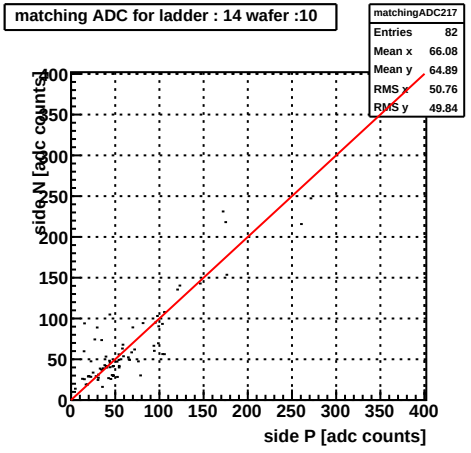

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 48
Mean x 69.67
Mean y 57.96
RMS x 56.41
RMS y 43.45
side N [adc counts]
side P [adc counts]

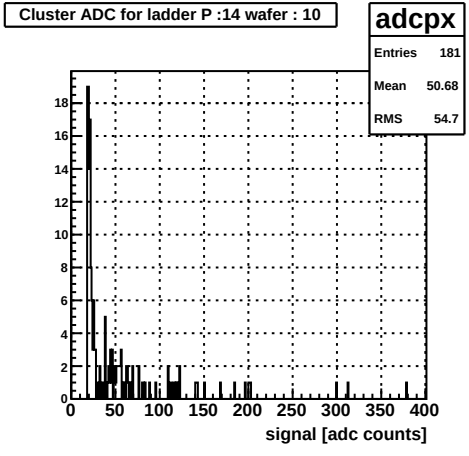

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 193
Mean 38.62
RMS 35.44
signal [adc counts]

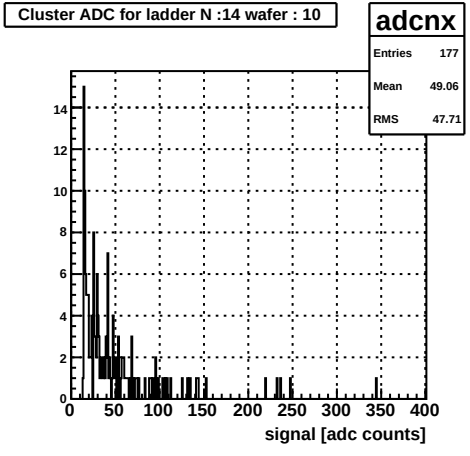

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 133
Mean 50.47
RMS 44.42
signal [adc counts]

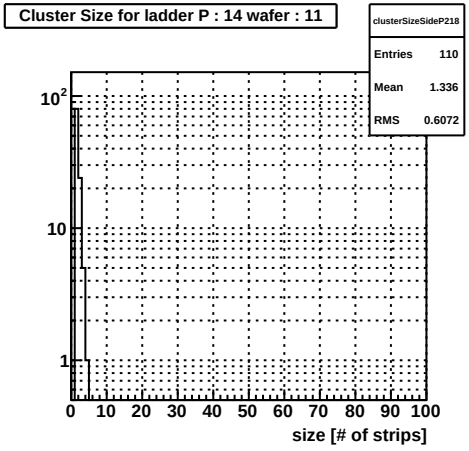

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 181
Mean 1.232
RMS 0.5163
size [# of strips]

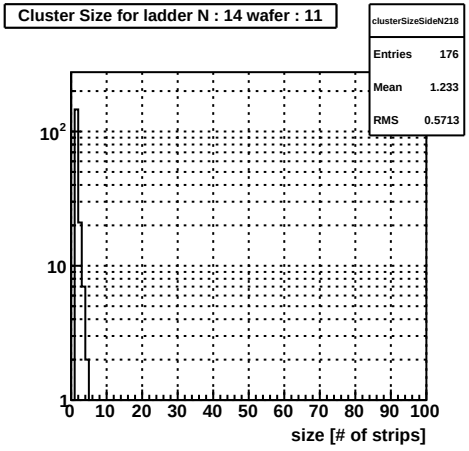

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 177
Mean 1.48
RMS 0.789
size [# of strips]

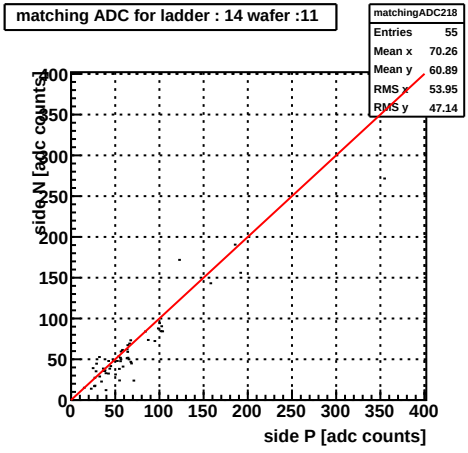

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 82
Mean x 66.08
Mean y 64.89
RMS x 50.76
RMS y 49.84
side N [adc counts]
side P [adc counts]

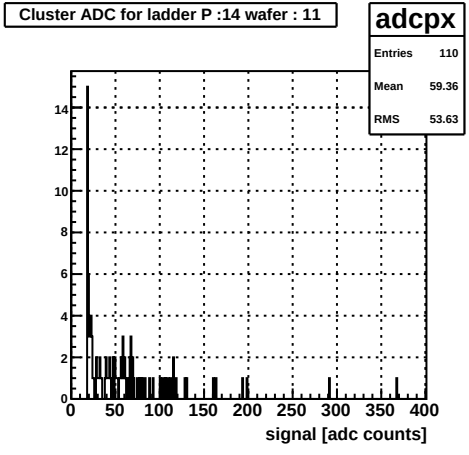

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 181
Mean 50.68
RMS 54.7
signal [adc counts]

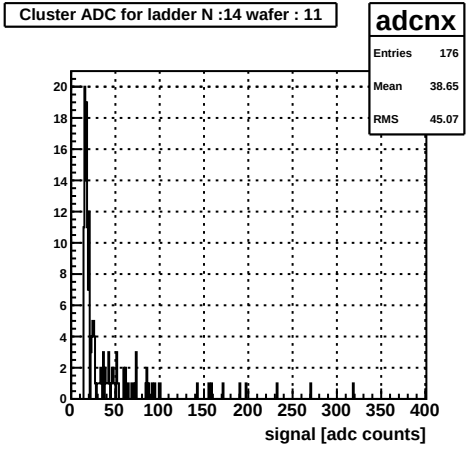

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 177
Mean 49.06
RMS 47.71
signal [adc counts]

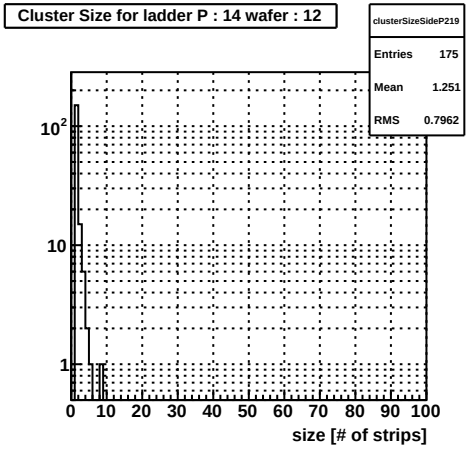

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 110
Mean 1.336
RMS 0.6072
size [# of strips]

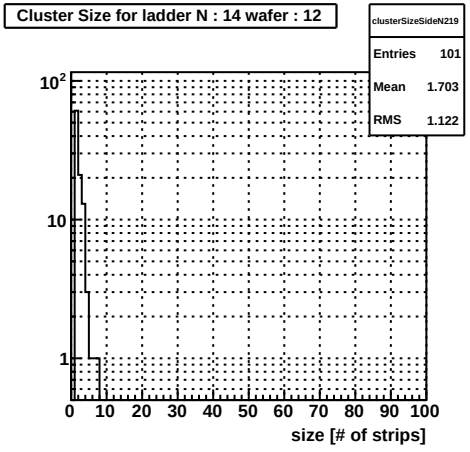

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 176
Mean 1.233
RMS 0.5713
size [# of strips]

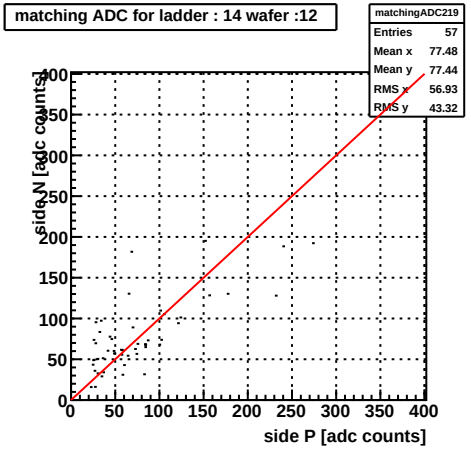

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 55
Mean x 70.26
Mean y 60.89
RMS x 53.95
RMS y 47.14
side N [adc counts]
side P [adc counts]

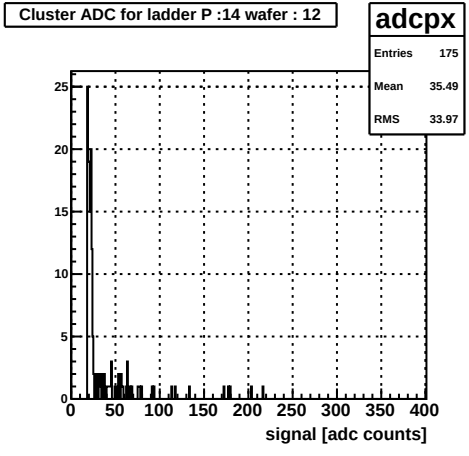

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 110
Mean 59.36
RMS 53.63
signal [adc counts]

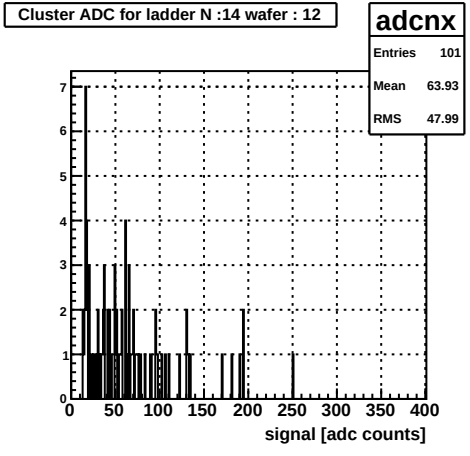

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 176
Mean 38.65
RMS 45.07
signal [adc counts]

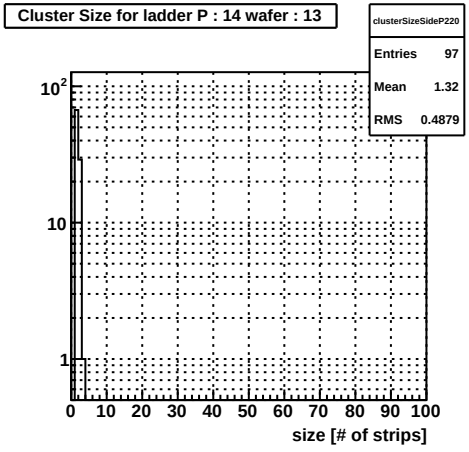

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 175
Mean 1.251
RMS 0.7962
size [# of strips]

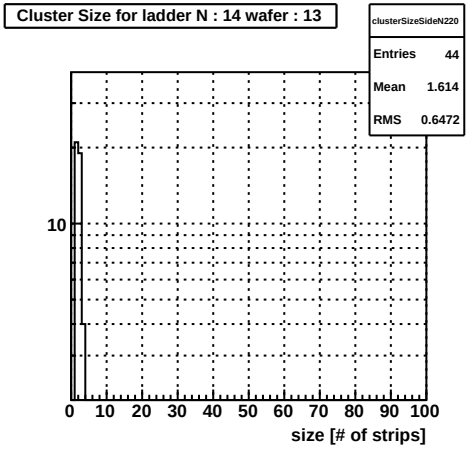

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 101
Mean 1.703
RMS 1.122
size [# of strips]

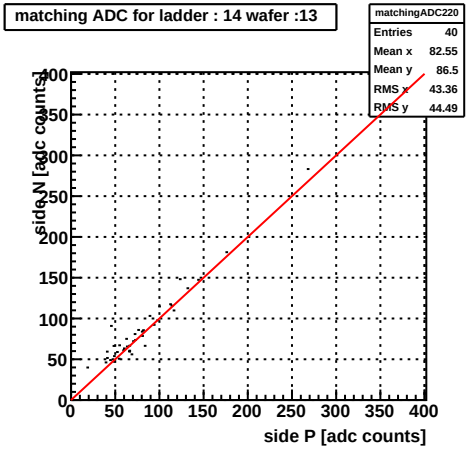

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 57
Mean x 77.48
Mean y 77.44
RMS x 56.93
RMS y 43.32
side N [adc counts]
side P [adc counts]

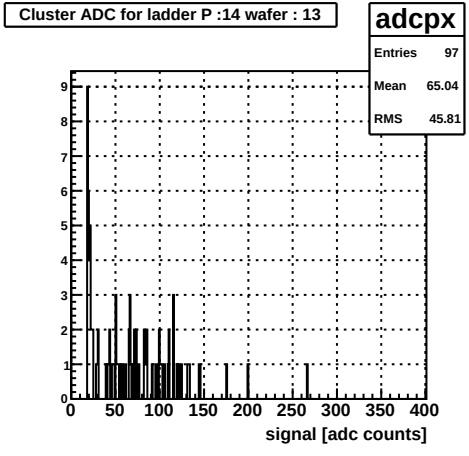

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 175
Mean 35.49
RMS 33.97
signal [adc counts]

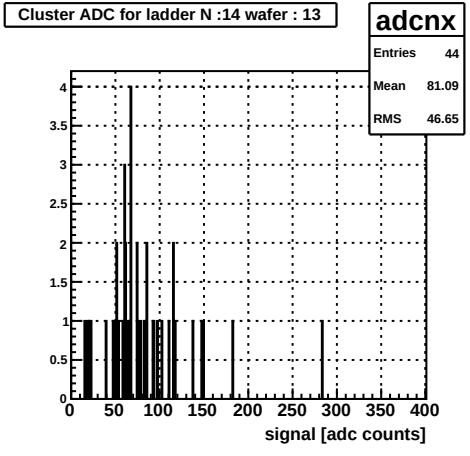

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 101
Mean 63.93
RMS 47.99
signal [adc counts]

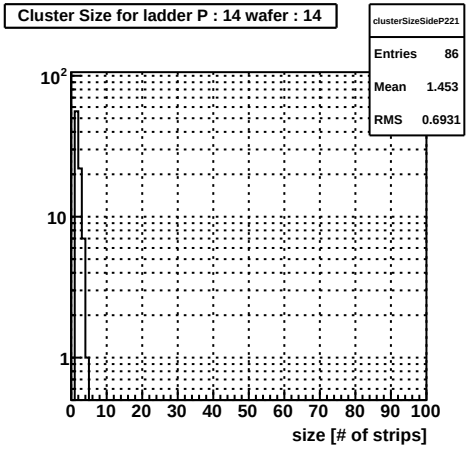

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 97
Mean 1.32
RMS 0.4879
size [# of strips]

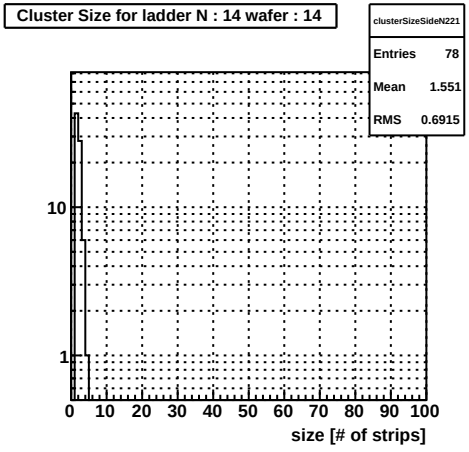

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 44
Mean 1.614
RMS 0.6472
size [# of strips]

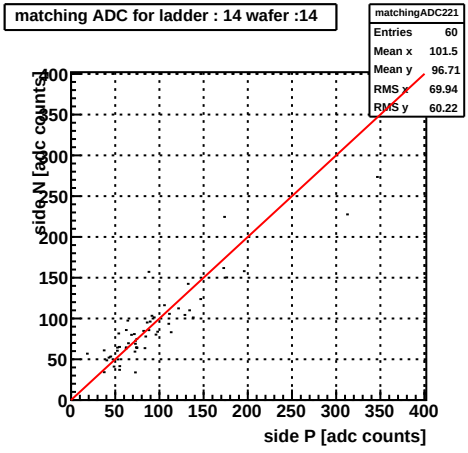

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 40
Mean x 82.55
Mean y 86.5
RMS x 43.36
RMS y 44.49
side N [adc counts]
side P [adc counts]

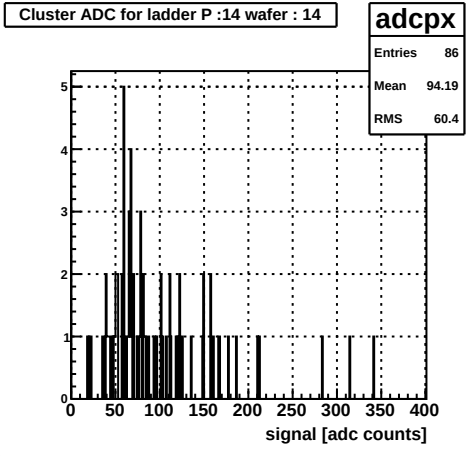

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 97
Mean 65.04
RMS 45.81
signal [adc counts]

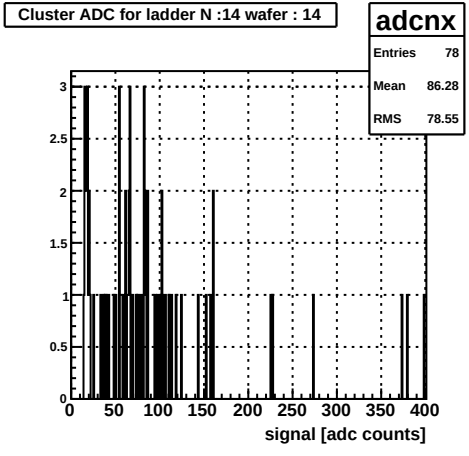

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 44
Mean 81.09
RMS 46.65
signal [adc counts]

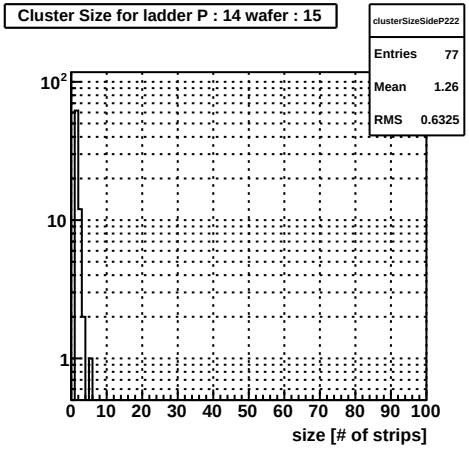

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 86
Mean 1.453
RMS 0.6931
size [# of strips]

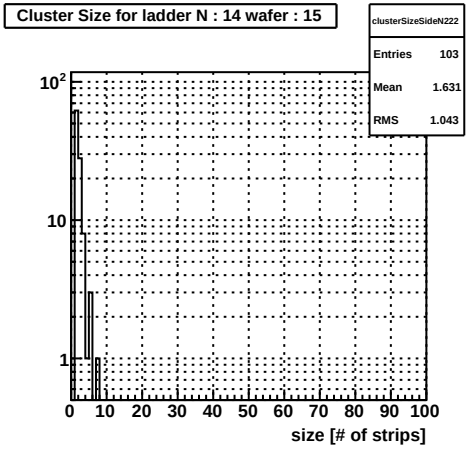

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 78
Mean 1.551
RMS 0.6915
size [# of strips]

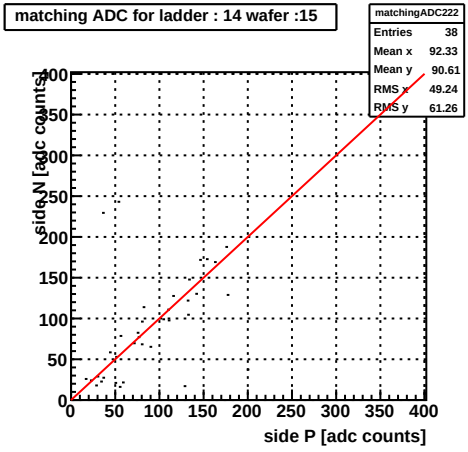

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 60
Mean x 101.5
Mean y 96.71
RMS x 69.94
RMS y 60.22
side N [adc counts]
side P [adc counts]

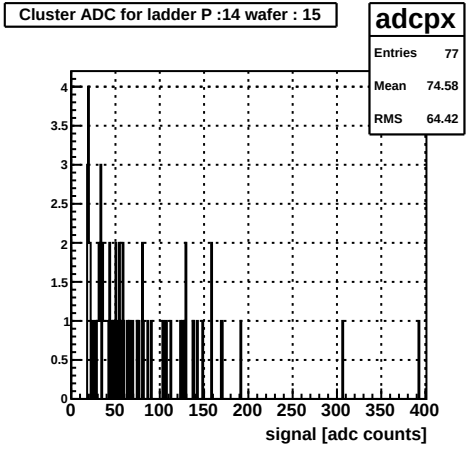

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 86
Mean 94.19
RMS 60.4
signal [adc counts]

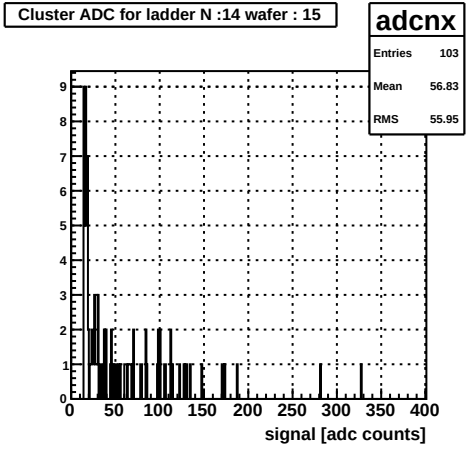

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 78
Mean 86.28
RMS 78.55
signal [adc counts]

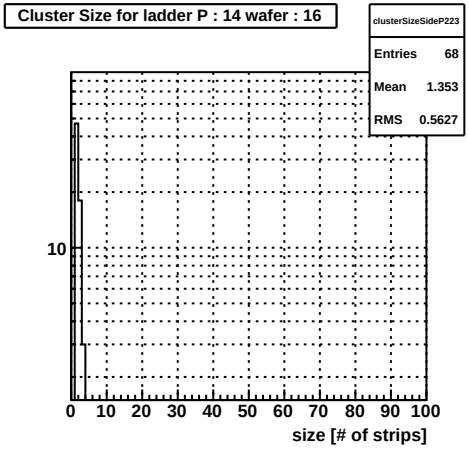

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 77
Mean 1.26
RMS 0.6325
size [# of strips]

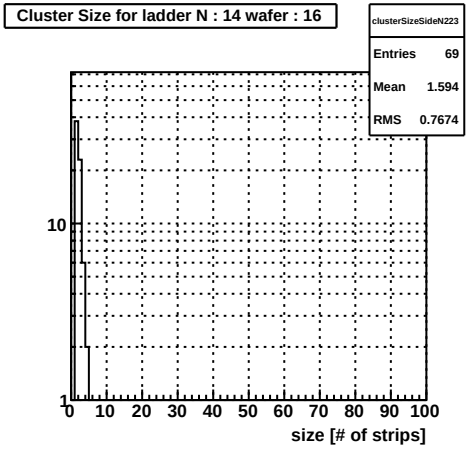

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 103
Mean 1.631
RMS 1.043
size [# of strips]

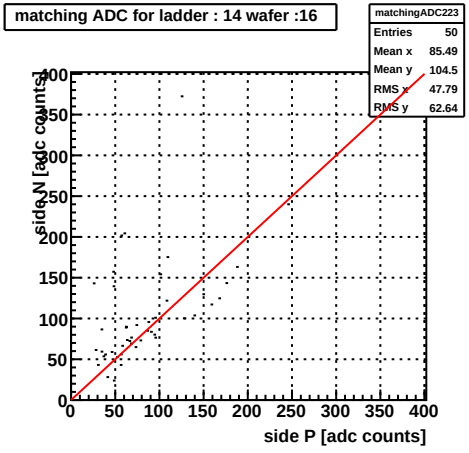

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 38
Mean x 92.33
Mean y 90.61
RMS x 49.24
RMS y 61.26
side N [adc counts]
side P [adc counts]

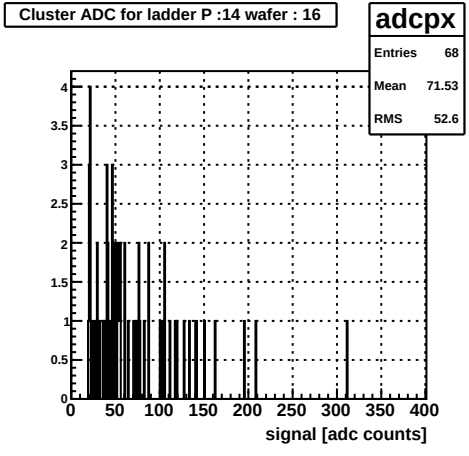

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 77
Mean 74.58
RMS 64.42
signal [adc counts]

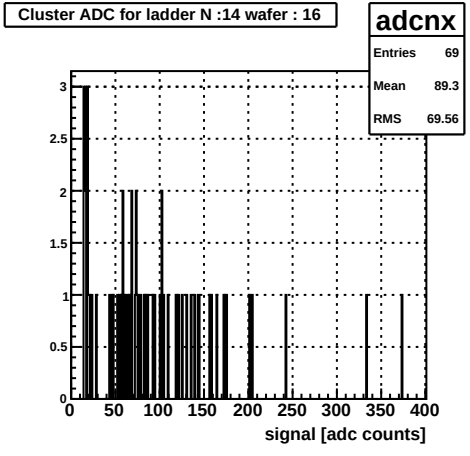

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 103
Mean 56.83
RMS 55.95
signal [adc counts]

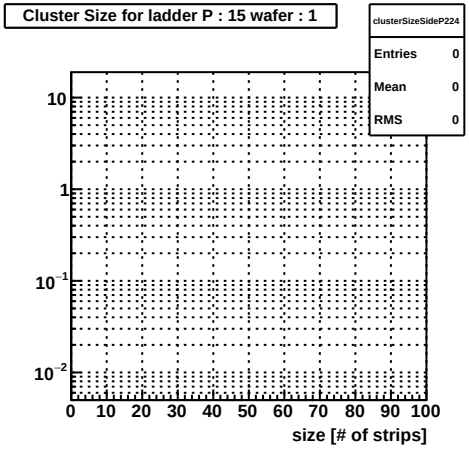

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 68
Mean 1.353
RMS 0.5627
size [# of strips]

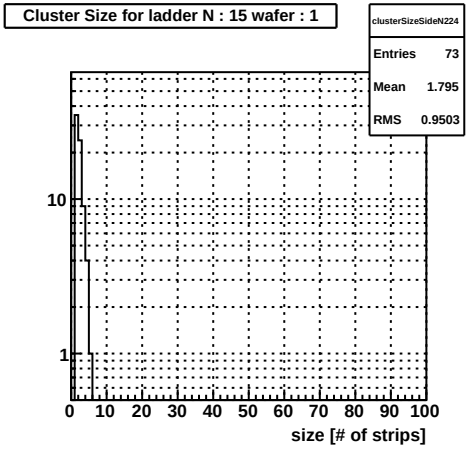

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 69
Mean 1.594
RMS 0.7674
size [# of strips]

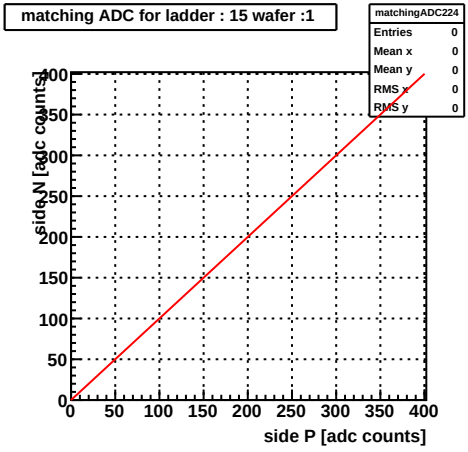

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 50
Mean x 85.49
Mean y 104.5
RMS x 47.79
RMS y 62.64
side N [adc counts]
side P [adc counts]

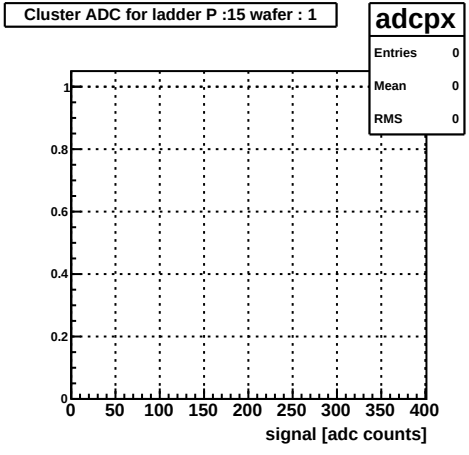

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 68
Mean 71.53
RMS 52.6
signal [adc counts]

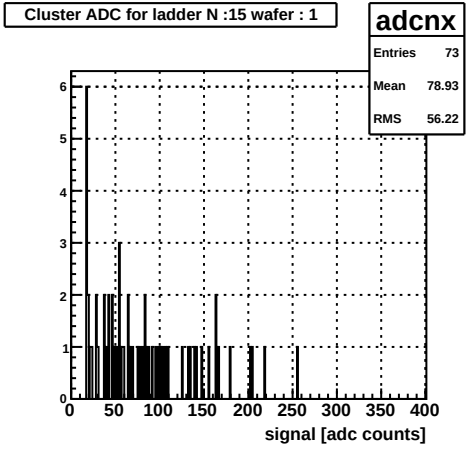

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 69
Mean 89.3
RMS 69.56
signal [adc counts]

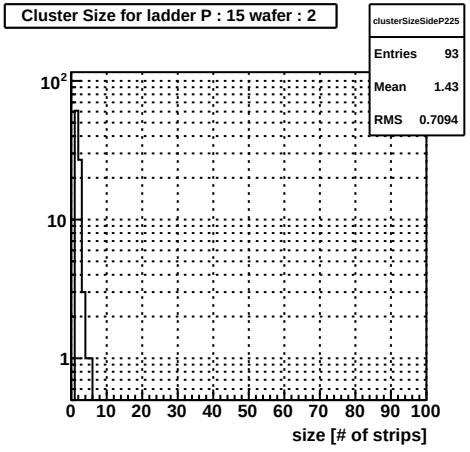

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

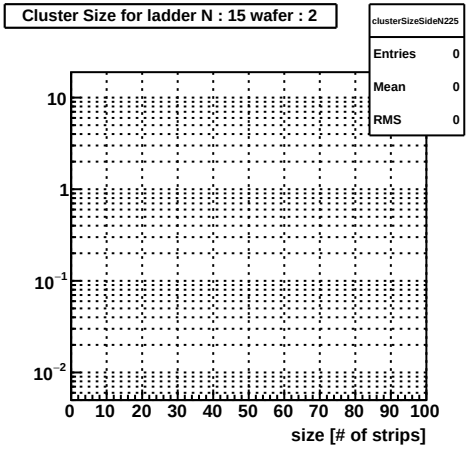

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 73
Mean 1.795
RMS 0.9503
size [# of strips]

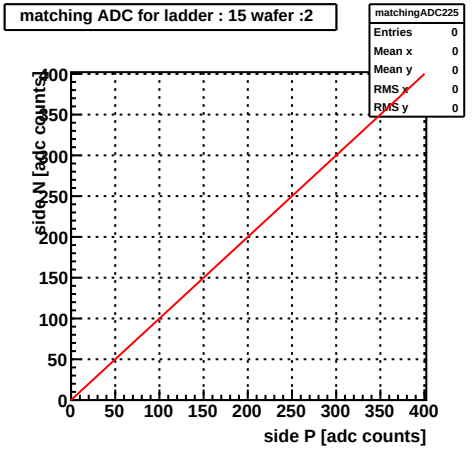

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

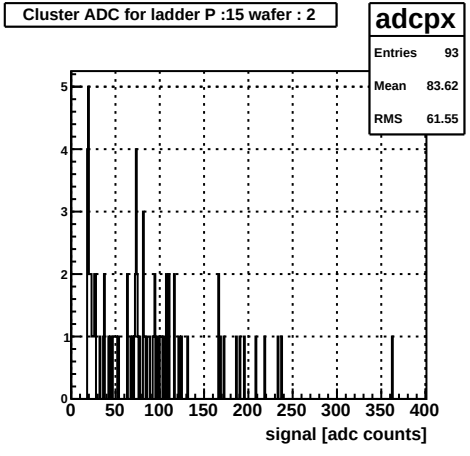

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

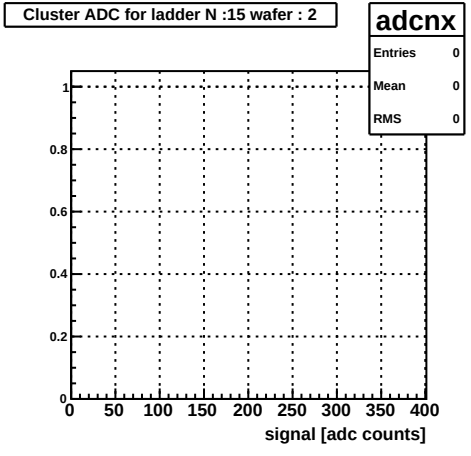

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 73
Mean 78.93
RMS 56.22
signal [adc counts]

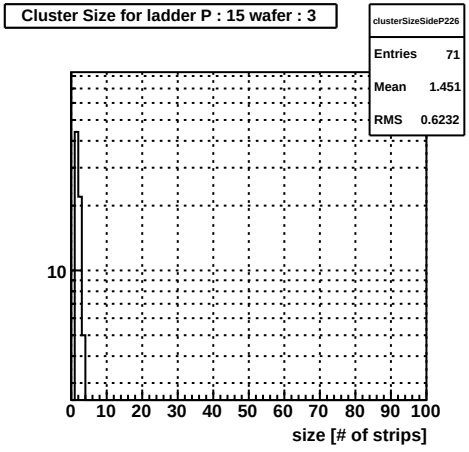

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 93
Mean 1.43
RMS 0.7094
size [# of strips]

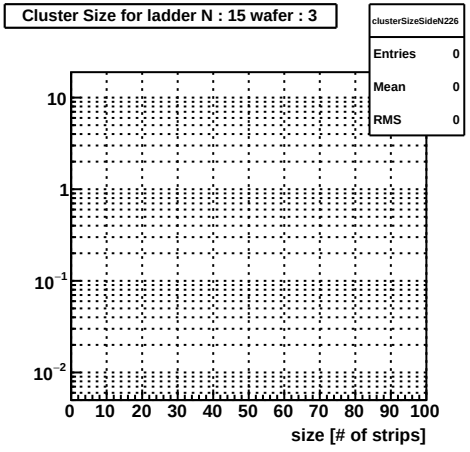

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

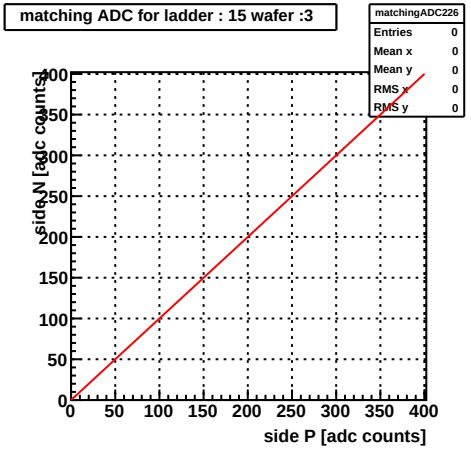

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

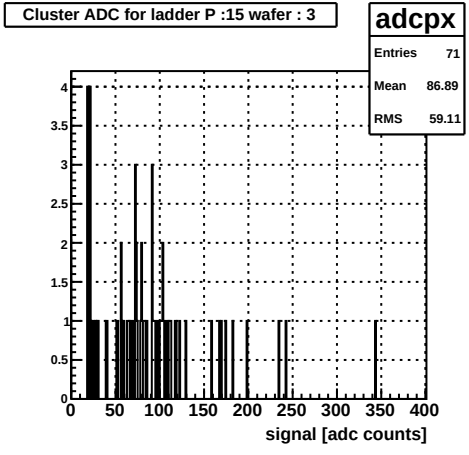

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 93
Mean 83.62
RMS 61.55
signal [adc counts]

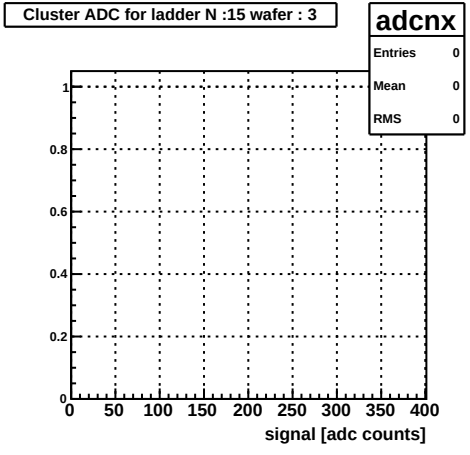

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

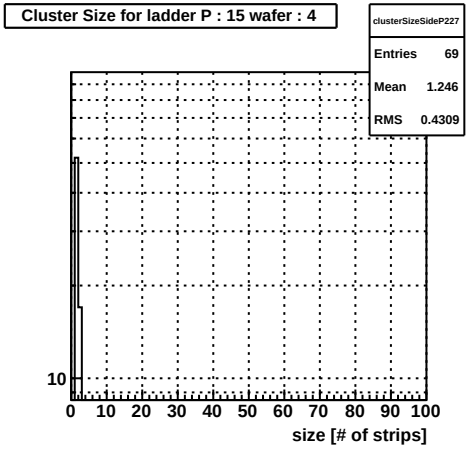

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 71
Mean 1.451
RMS 0.6232
size [# of strips]

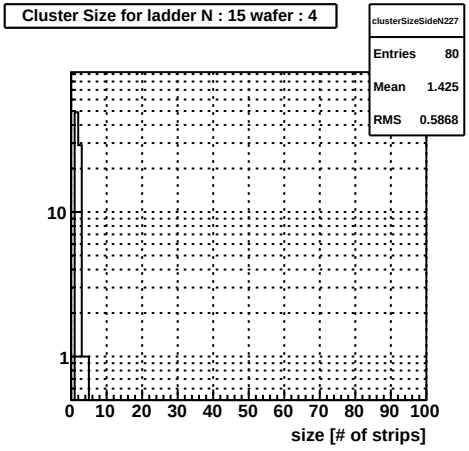

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

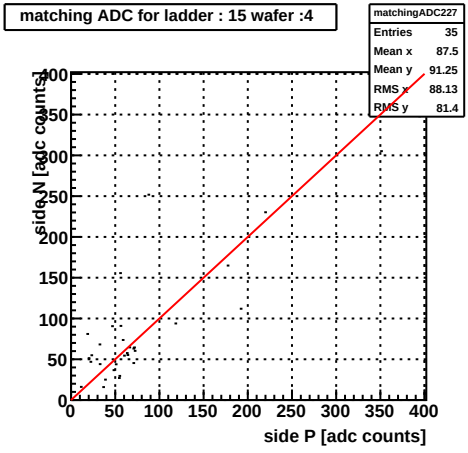

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

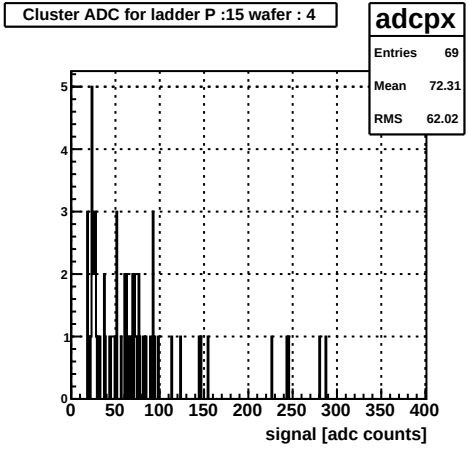

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 71
Mean 86.89
RMS 59.11
signal [adc counts]

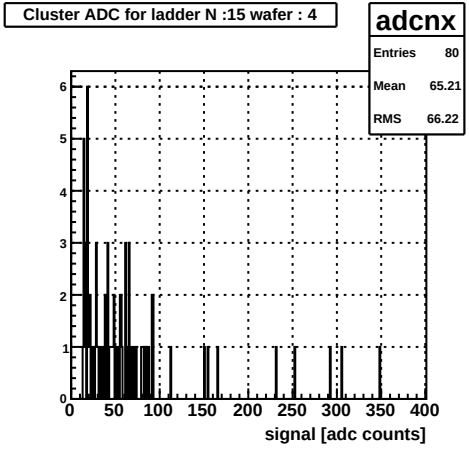

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

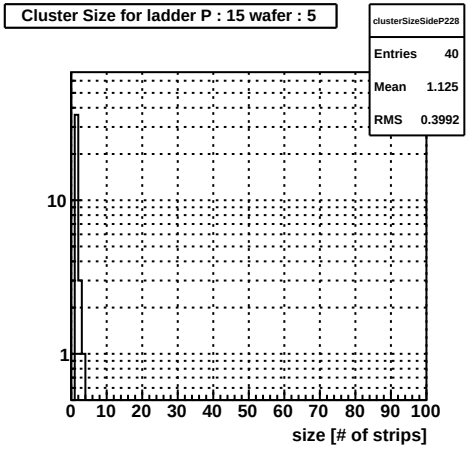

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 69
Mean 1.246
RMS 0.4309
size [# of strips]

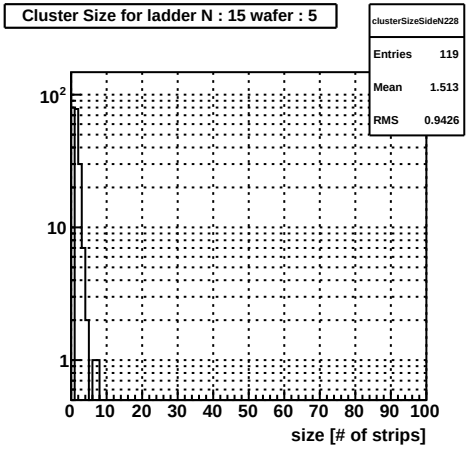

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 80
Mean 1.425
RMS 0.5868
size [# of strips]

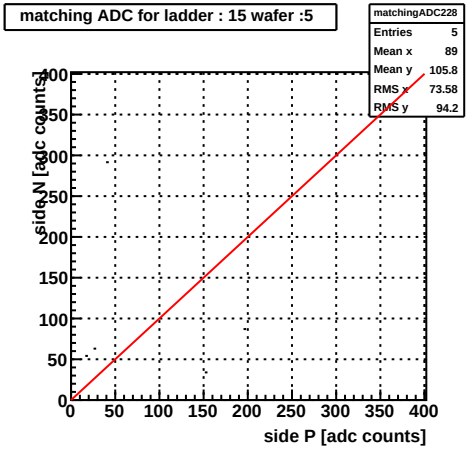

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 35
Mean x 87.5
Mean y 91.25
RMS x 88.13
RMS y 81.4
side N [adc counts]
side P [adc counts]

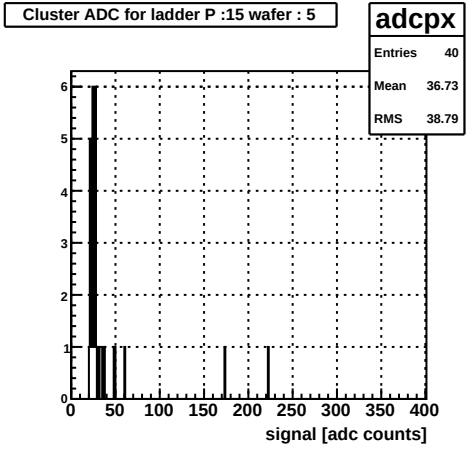

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 69
Mean 72.31
RMS 62.02
signal [adc counts]

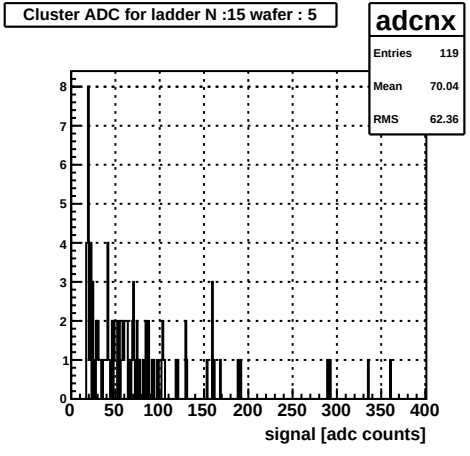

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 80
Mean 65.21
RMS 66.22
signal [adc counts]

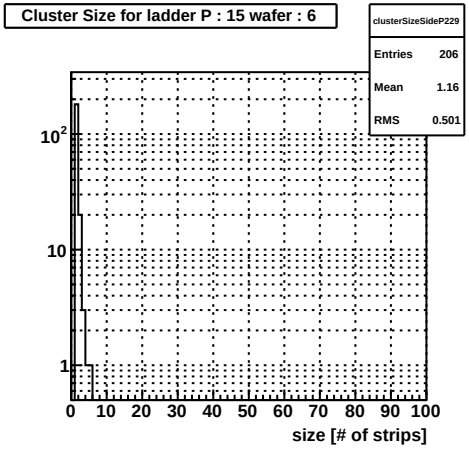

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 40
Mean 1.125
RMS 0.3992
size [# of strips]

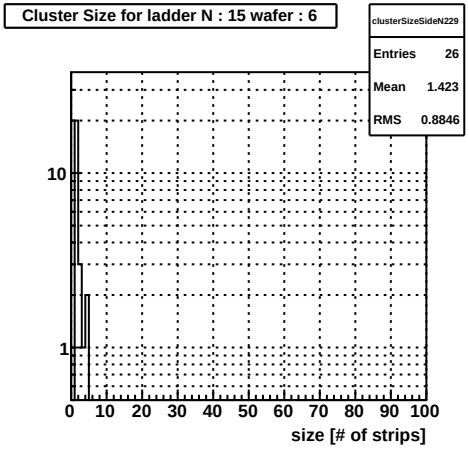

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 119
Mean 1.513
RMS 0.9426
size [# of strips]

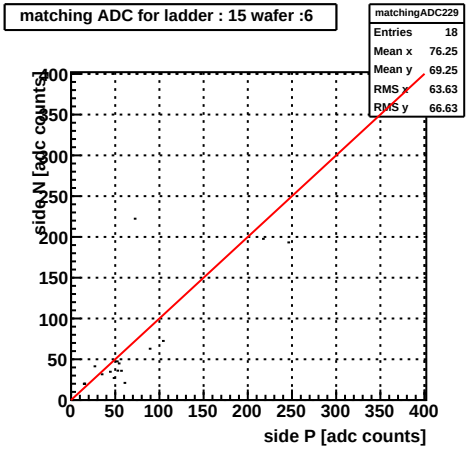

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 5
Mean x 89
Mean y 105.8
RMS x 73.58
RMS y 94.2
side N [adc counts]
side P [adc counts]

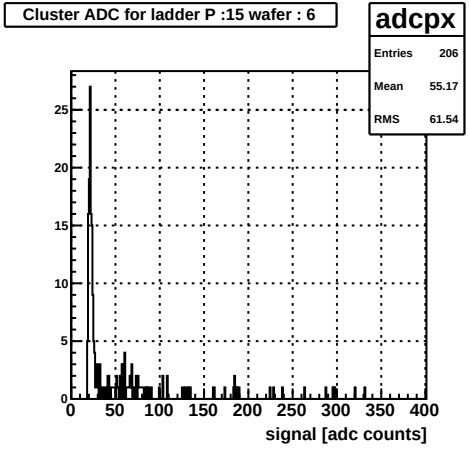

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 40
Mean 36.73
RMS 38.79
signal [adc counts]

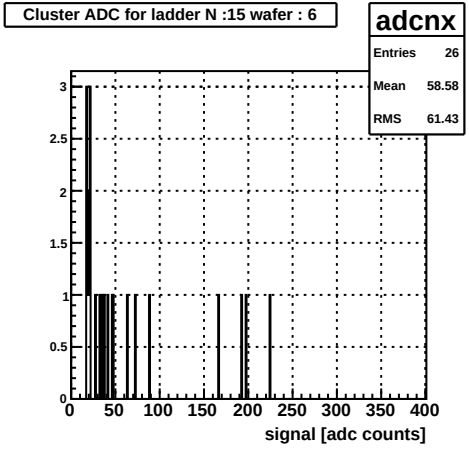

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 119
Mean 70.04
RMS 62.36
signal [adc counts]

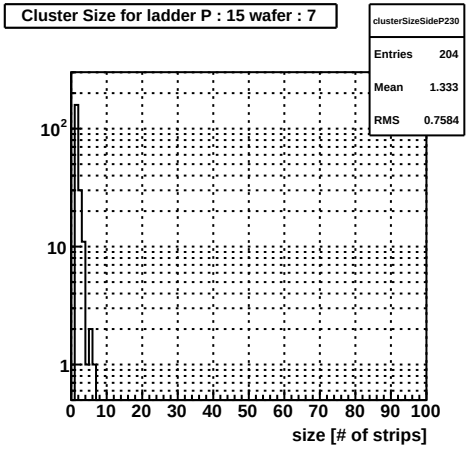

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 206
Mean 1.16
RMS 0.501
size [# of strips]

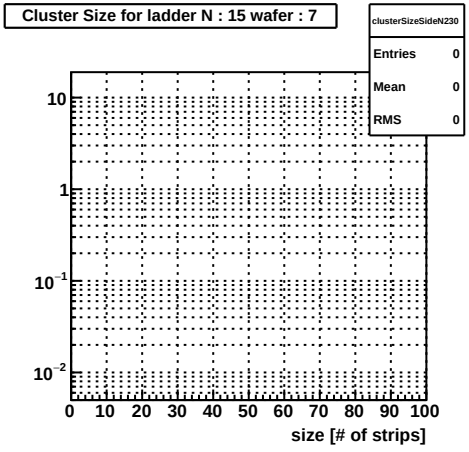

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 26
Mean 1.423
RMS 0.8846
size [# of strips]

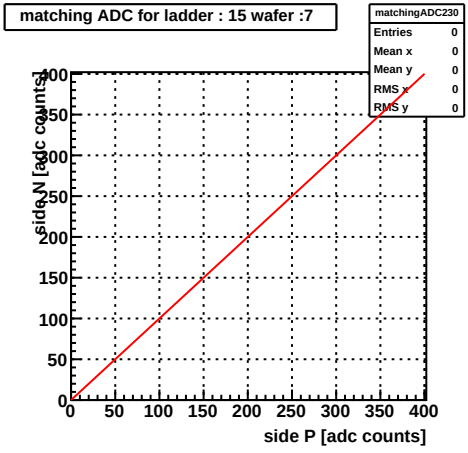

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 18
Mean x 76.25
Mean y 69.25
RMS x 63.63
RMS y 66.63
side N [adc counts]
side P [adc counts]

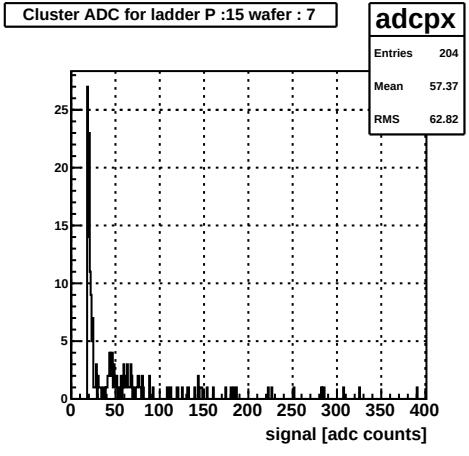

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 206
Mean 55.17
RMS 61.54
signal [adc counts]

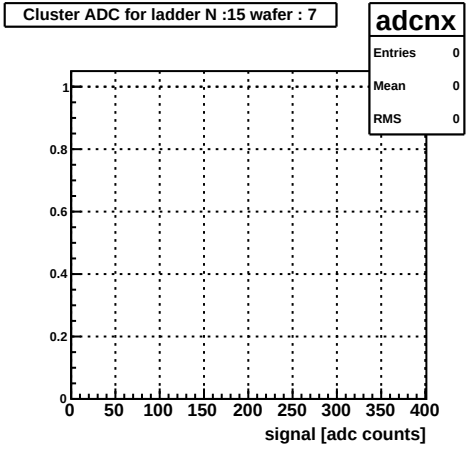

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 26
Mean 58.58
RMS 61.43
signal [adc counts]

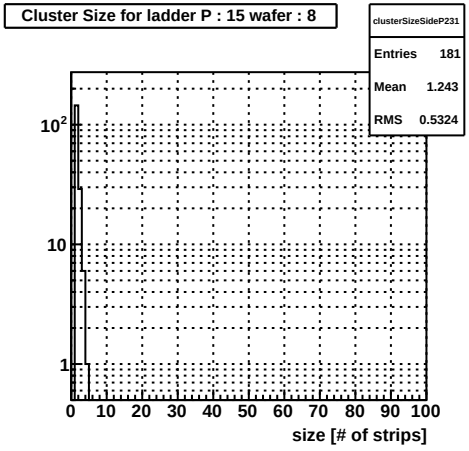

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 204
Mean 1.333
RMS 0.7584
size [# of strips]

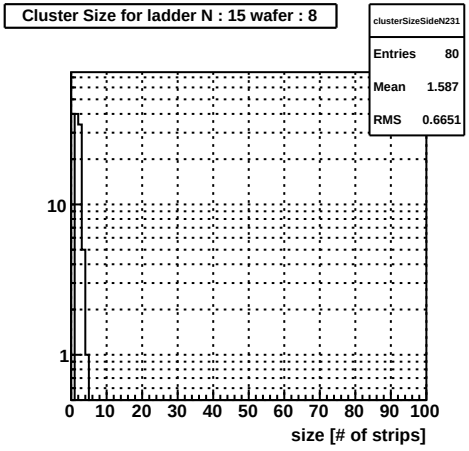

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 0
Mean 0
RMS 0
size [# of strips]

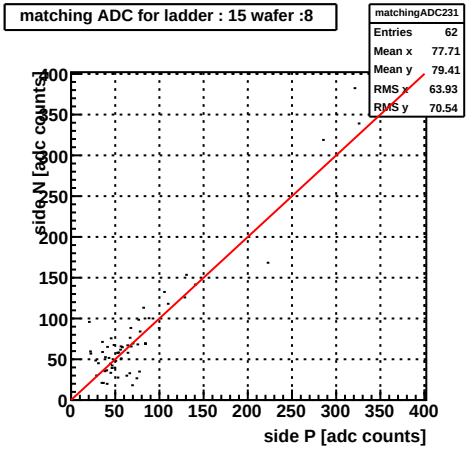

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

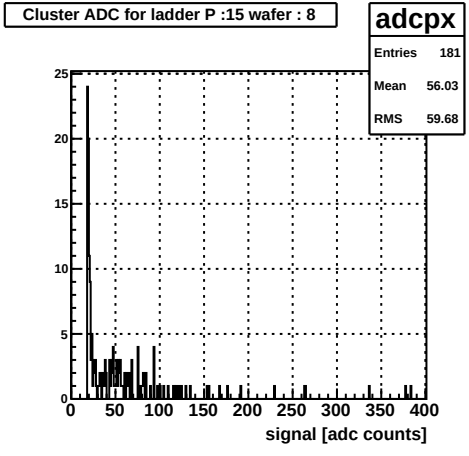

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 204
Mean 57.37
RMS 62.82
signal [adc counts]

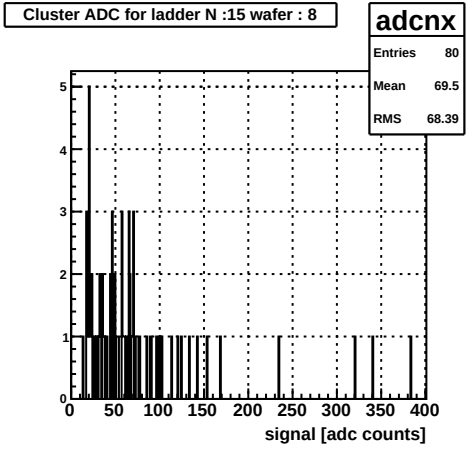

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

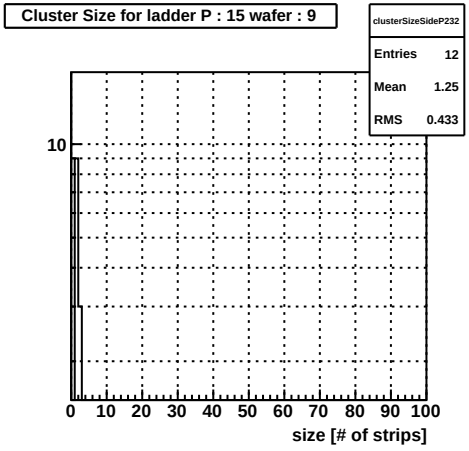

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 181
Mean 1.243
RMS 0.5324
size [# of strips]

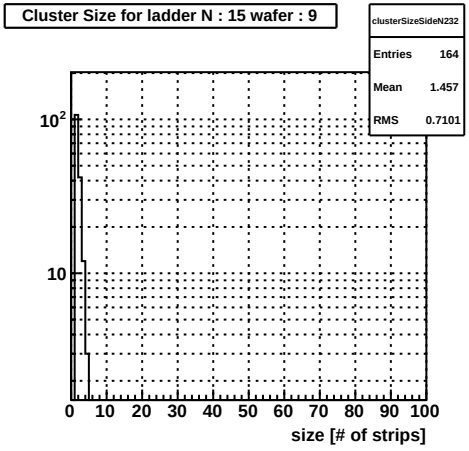

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 80
Mean 1.587
RMS 0.6651
size [# of strips]

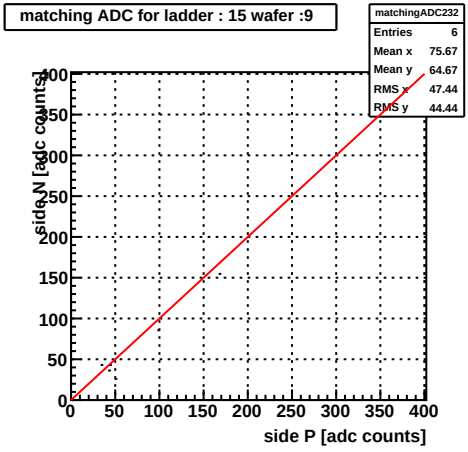

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 62
Mean x 77.71
Mean y 79.41
RMS x 63.93
RMS y 70.54
side N [adc counts]
side P [adc counts]

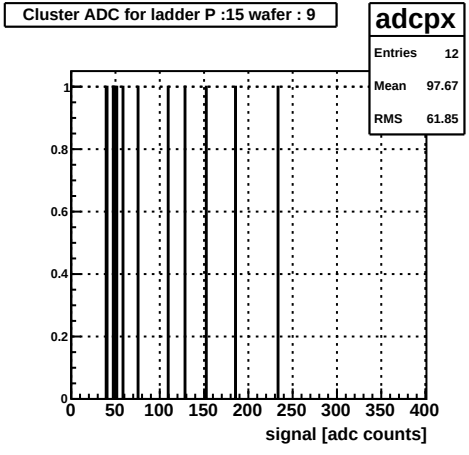

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 181
Mean 56.03
RMS 59.68
signal [adc counts]

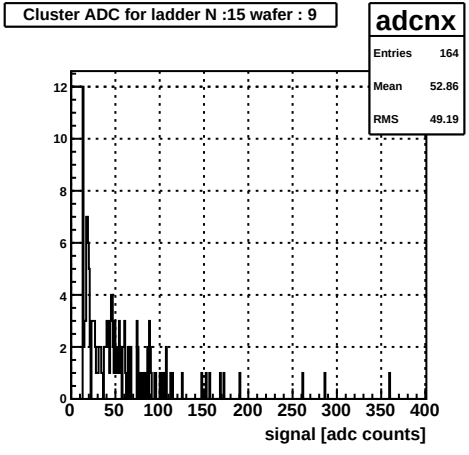

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 80
Mean 69.5
RMS 68.39
signal [adc counts]

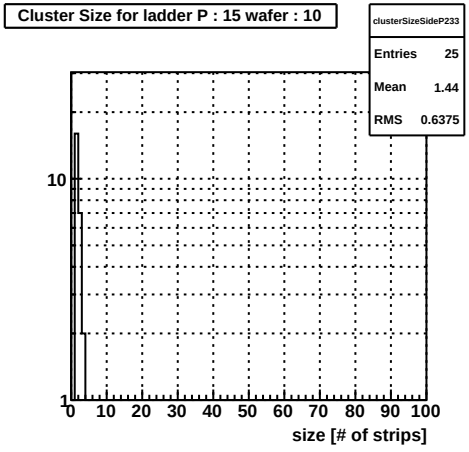

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 12
Mean 1.25
RMS 0.433
size [# of strips]

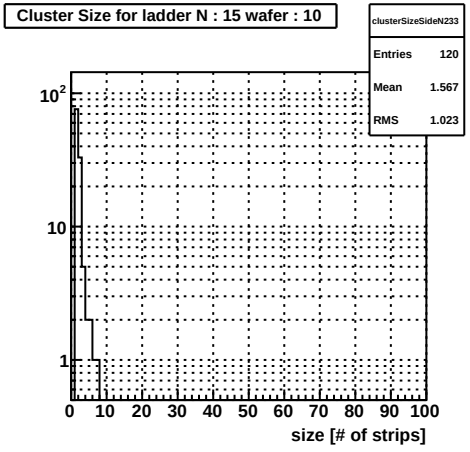

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 164
Mean 1.457
RMS 0.7101
size [# of strips]

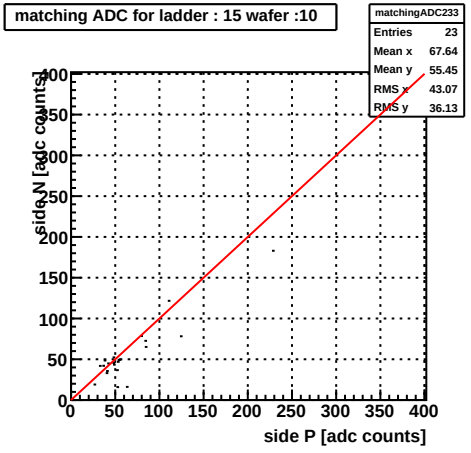

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 6
Mean x 75.67
Mean y 64.67
RMS x 47.44
RMS y 44.44
side N [adc counts]
side P [adc counts]

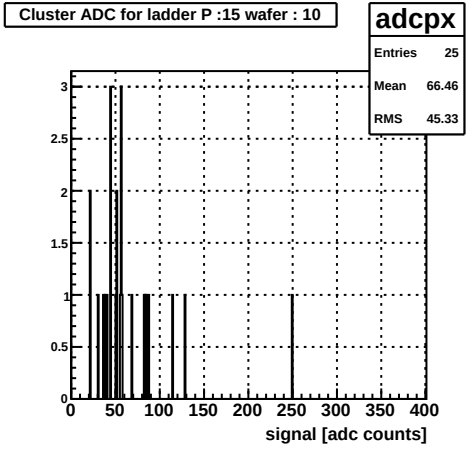

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 12
Mean 97.67
RMS 61.85
signal [adc counts]

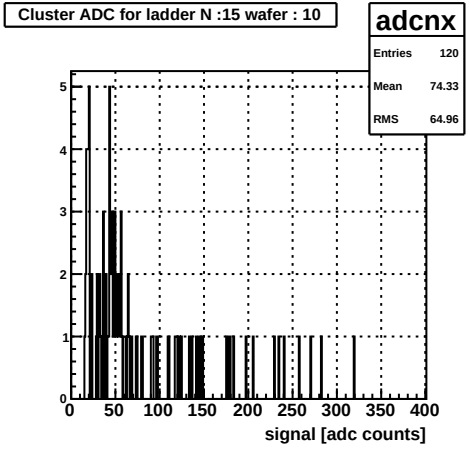

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 164
Mean 52.86
RMS 49.19
signal [adc counts]

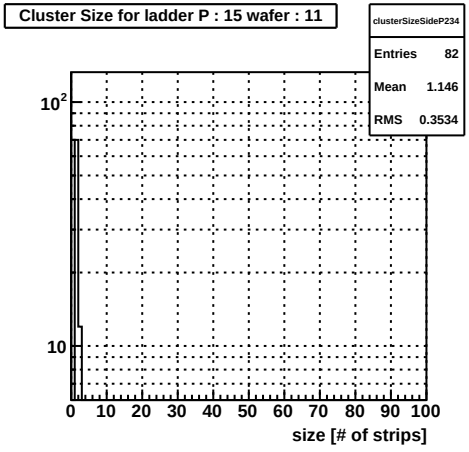

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 25
Mean 1.44
RMS 0.6375
size [# of strips]

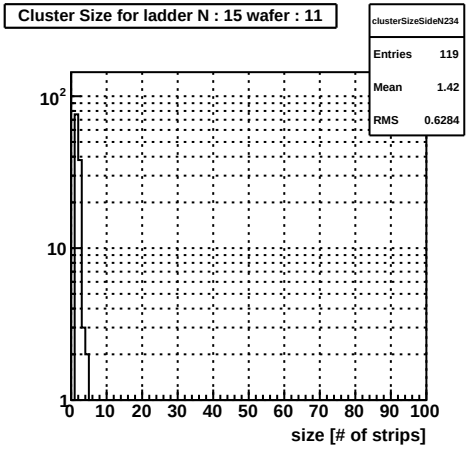

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 120
Mean 1.567
RMS 1.023
size [# of strips]

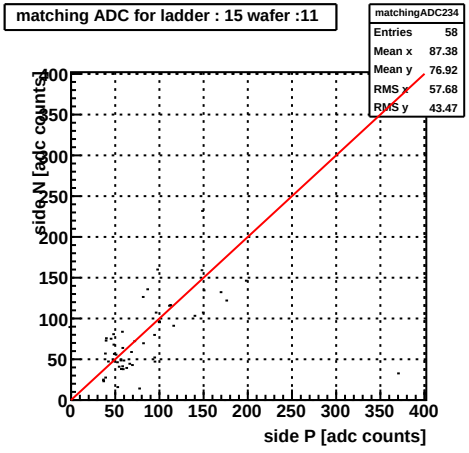

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 23
Mean x 67.64
Mean y 55.45
RMS x 43.07
RMS y 36.13
side N [adc counts]
side P [adc counts]

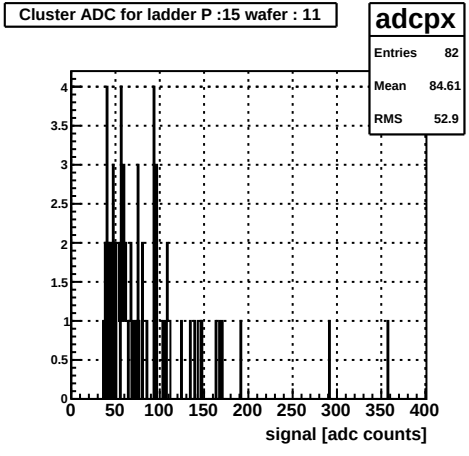

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 25
Mean 66.46
RMS 45.33
signal [adc counts]

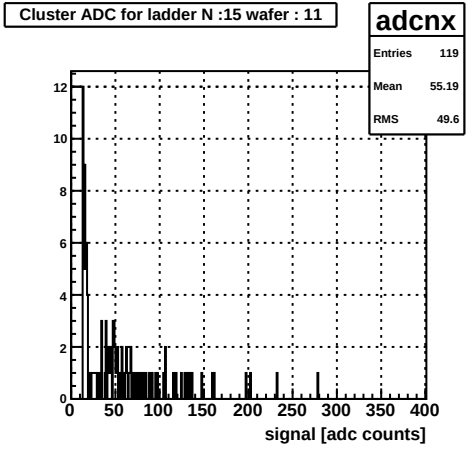

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 120
Mean 74.33
RMS 64.96
signal [adc counts]

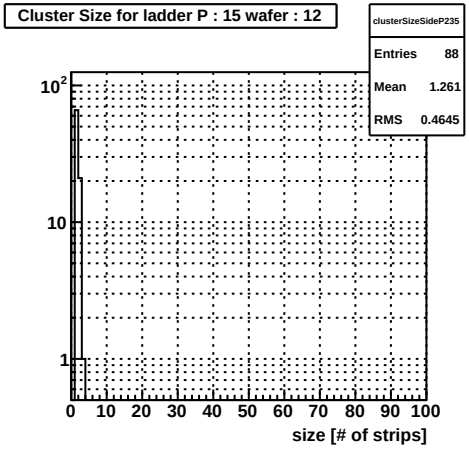

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 82
Mean 1.146
RMS 0.3534
size [# of strips]

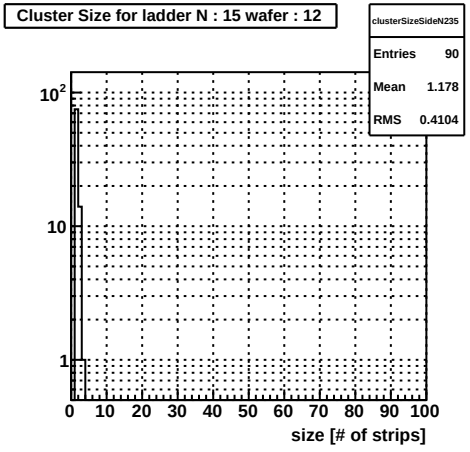

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 119
Mean 1.42
RMS 0.6284
size [# of strips]

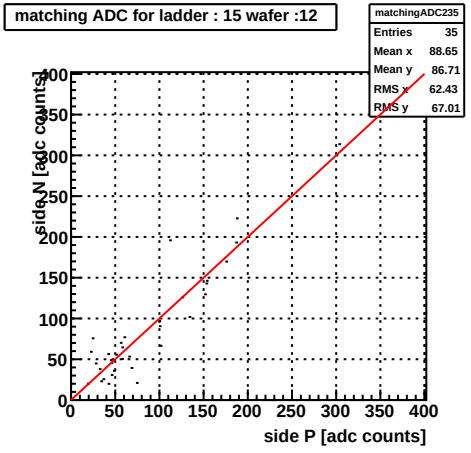

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 58
Mean x 87.38
Mean y 76.92
RMS x 57.68
RMS y 43.47
side N [adc counts]
side P [adc counts]

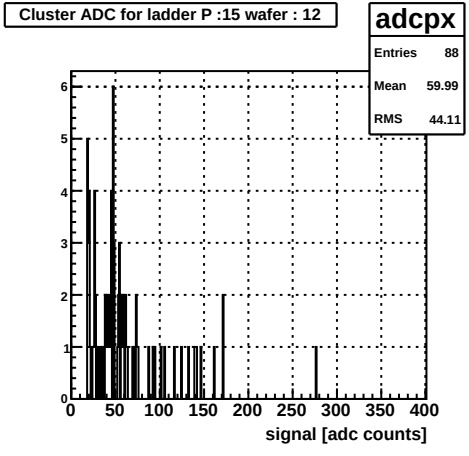

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 82
Mean 84.61
RMS 52.9
signal [adc counts]

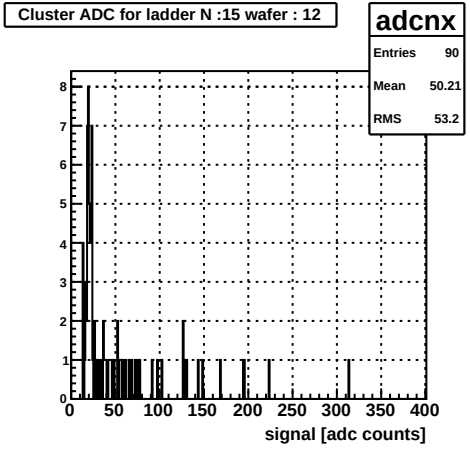

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 119
Mean 55.19
RMS 49.6
signal [adc counts]

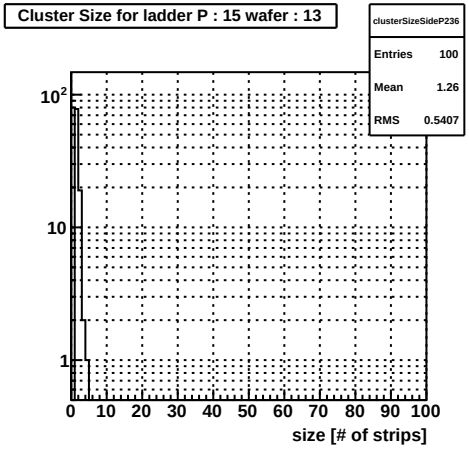

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 88
Mean 1.261
RMS 0.4645
size [# of strips]

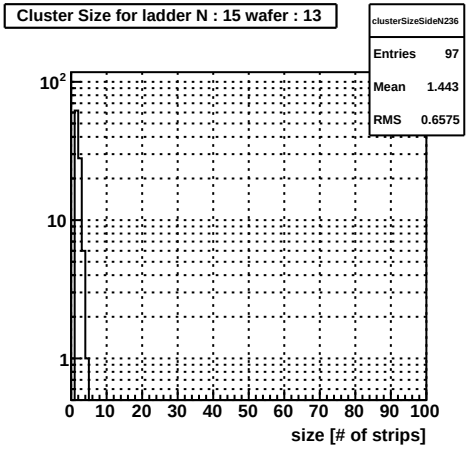

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 90
Mean 1.178
RMS 0.4104
size [# of strips]

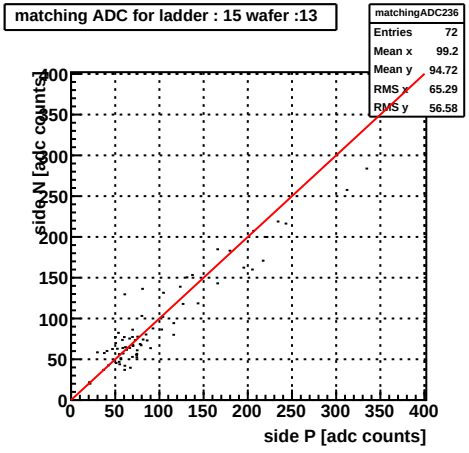

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 35
Mean x 88.65
Mean y 86.71
RMS x 62.43
RMS y 67.01
side N [adc counts]
side P [adc counts]

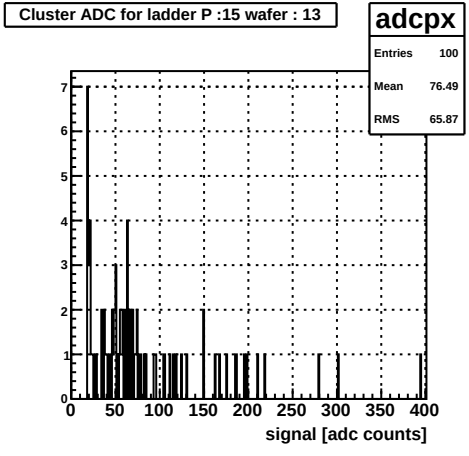

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 88
Mean 59.99
RMS 44.11
signal [adc counts]

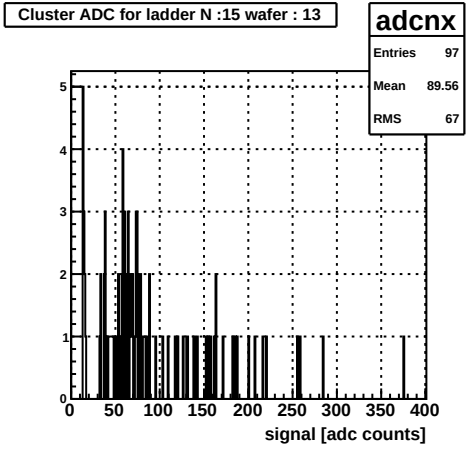

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 90
Mean 50.21
RMS 53.2
signal [adc counts]

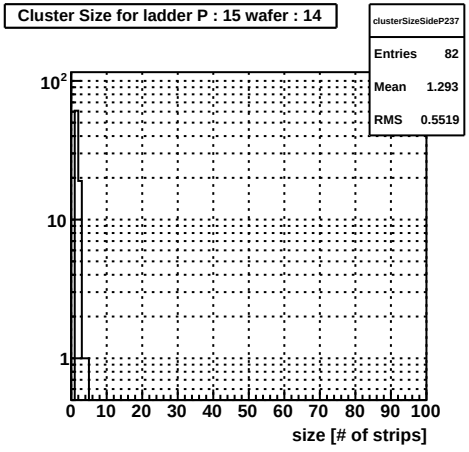

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 100
Mean 1.26
RMS 0.5407
size [# of strips]

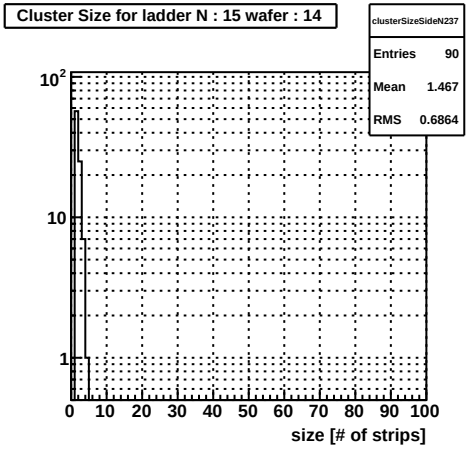

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 97
Mean 1.443
RMS 0.6575
size [# of strips]

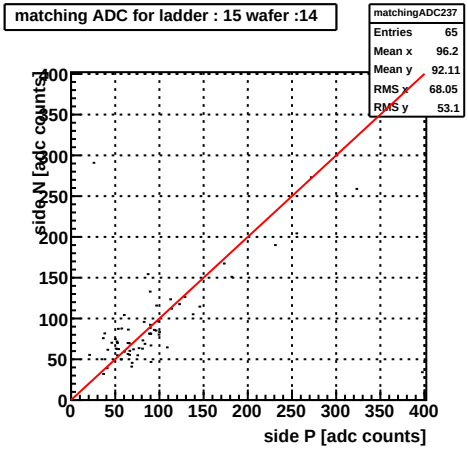

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 72
Mean x 99.2
Mean y 94.72
RMS x 65.29
RMS y 56.58
side N [adc counts]
side P [adc counts]

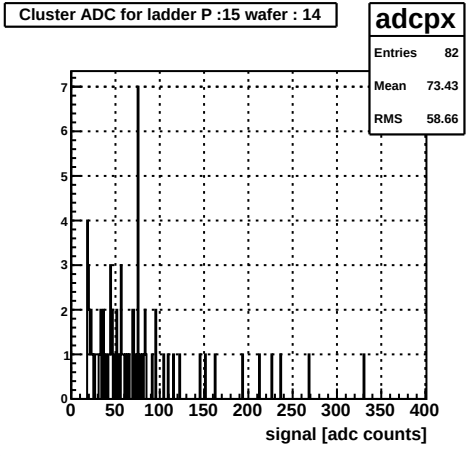

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 100
Mean 76.49
RMS 65.87
signal [adc counts]

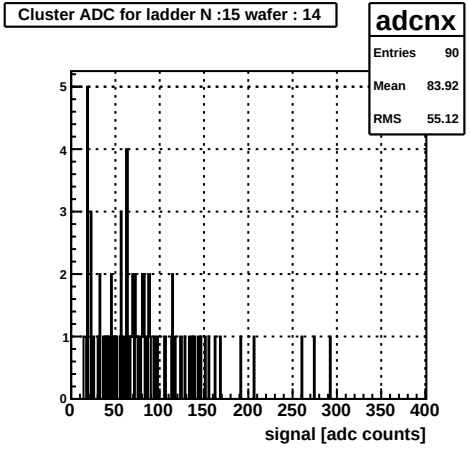

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 97
Mean 89.56
RMS 67
signal [adc counts]

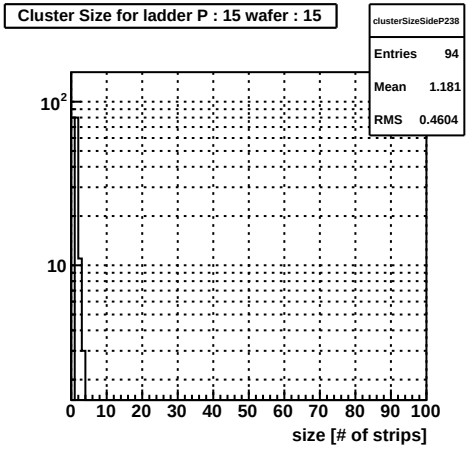

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 82
Mean 1.293
RMS 0.5519
size [# of strips]

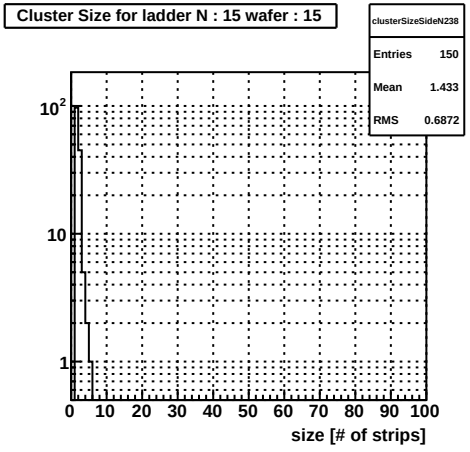

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 90
Mean 1.467
RMS 0.6864
size [# of strips]

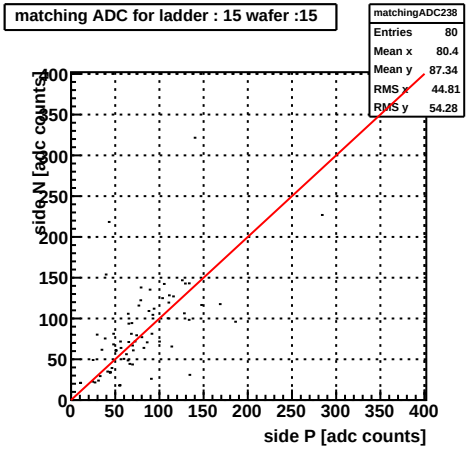

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 65
Mean x 96.2
Mean y 92.11
RMS x 68.05
RMS y 53.1
side N [adc counts]
side P [adc counts]

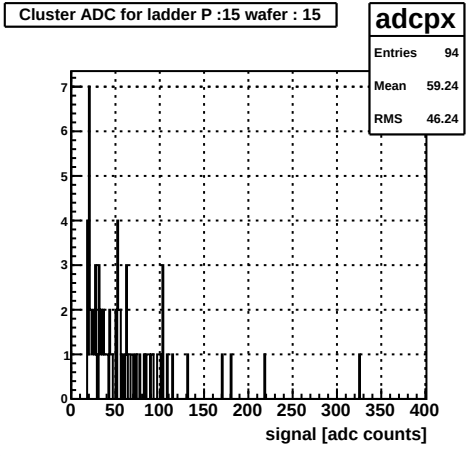

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 82
Mean 73.43
RMS 58.66
signal [adc counts]

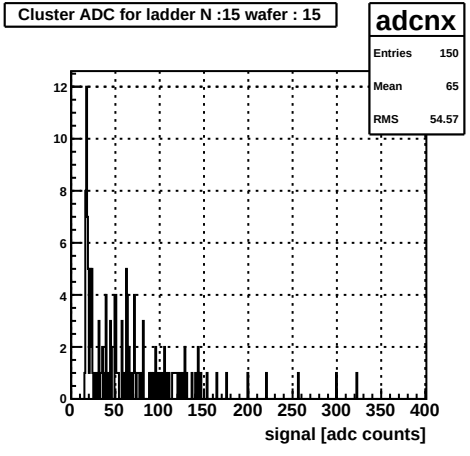

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 90
Mean 83.92
RMS 55.12
signal [adc counts]

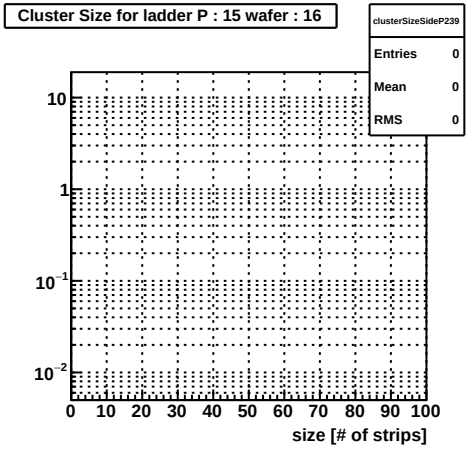

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 94
Mean 1.181
RMS 0.4604
size [# of strips]

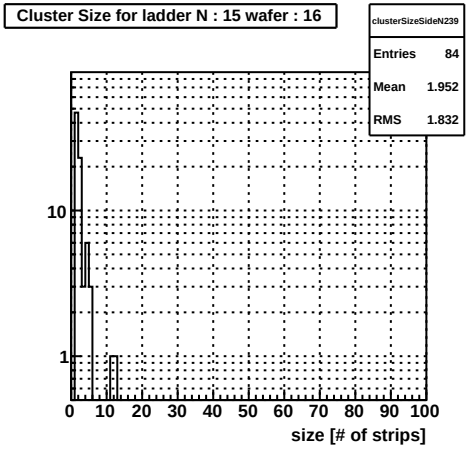

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 150
Mean 1.433
RMS 0.6872
size [# of strips]

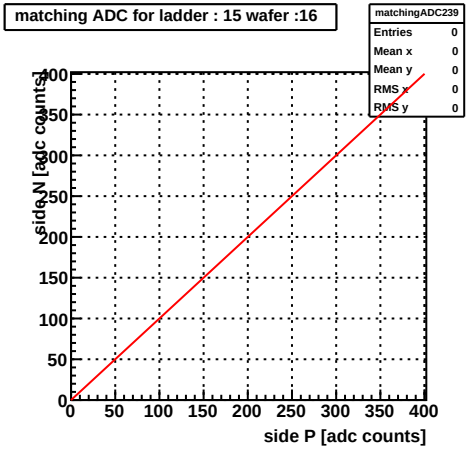

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 80
Mean x 80.4
Mean y 87.34
RMS x 44.81
RMS y 54.28
side N [adc counts]
side P [adc counts]

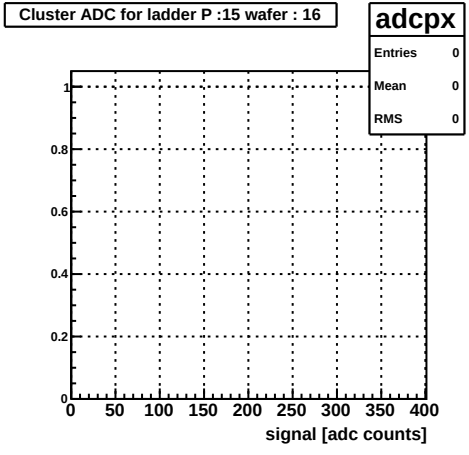

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 94
Mean 59.24
RMS 46.24
signal [adc counts]

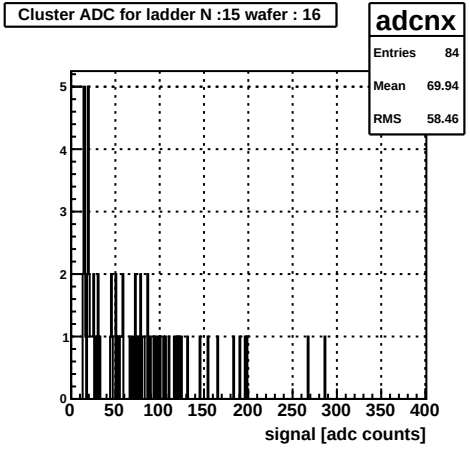

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 150
Mean 65
RMS 54.57
signal [adc counts]

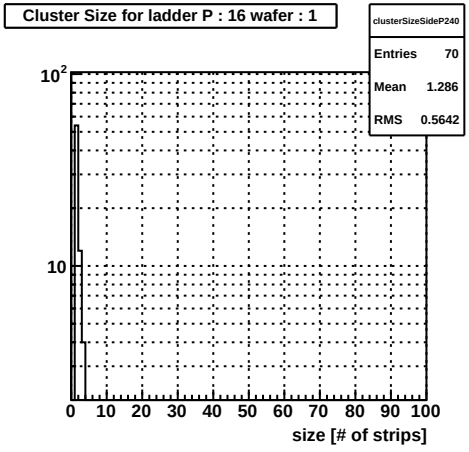

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 0
Mean 0
RMS 0
size [# of strips]

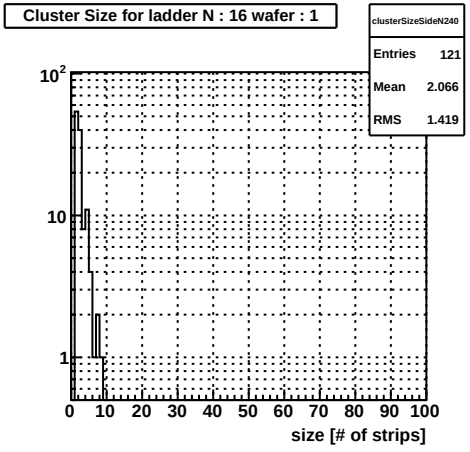

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 84
Mean 1.952
RMS 1.832
size [# of strips]

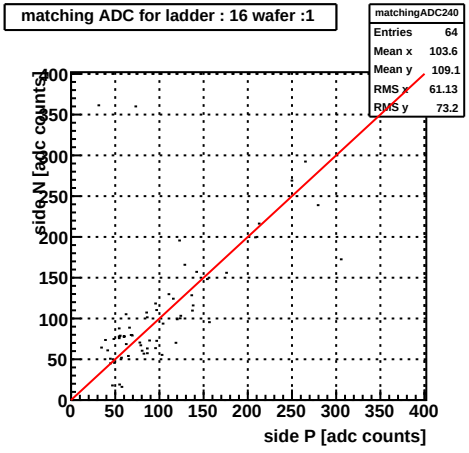

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

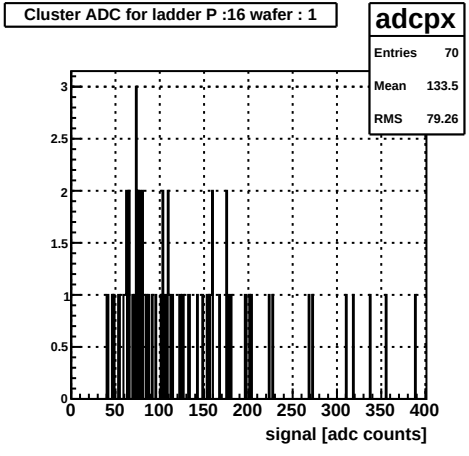

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

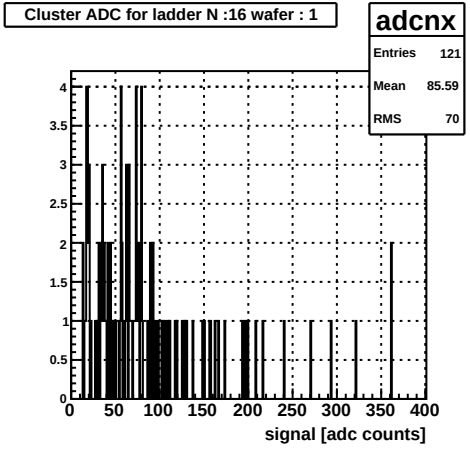

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 84
Mean 69.94
RMS 58.46
signal [adc counts]

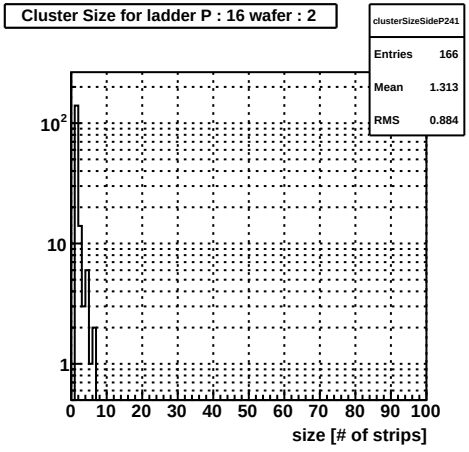

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 70
Mean 1.286
RMS 0.5642
size [# of strips]

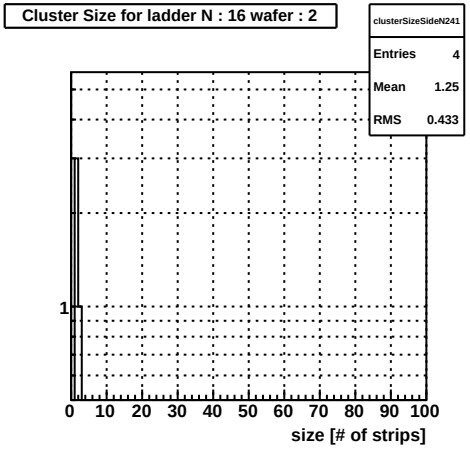

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 121
Mean 2.066
RMS 1.419
size [# of strips]

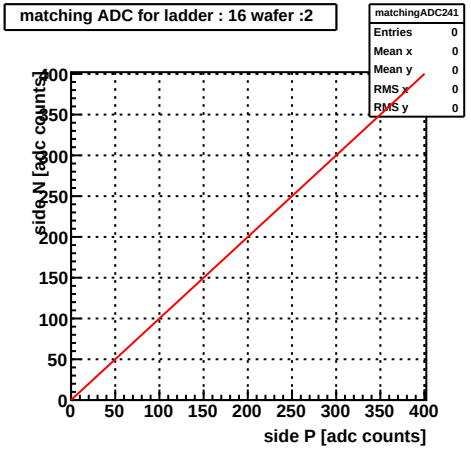

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 64
Mean x 103.6
Mean y 109.1
RMS x 61.13
RMS y 73.2
side N [adc counts]
side P [adc counts]

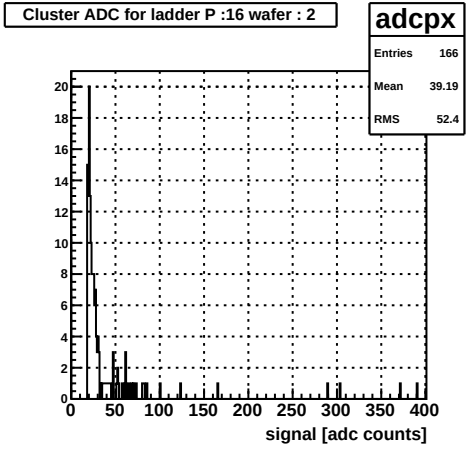

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 70
Mean 133.5
RMS 79.26
signal [adc counts]

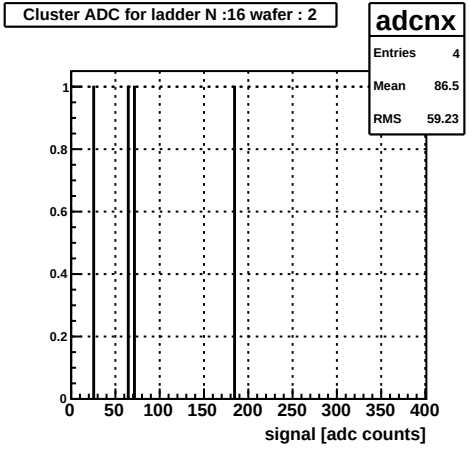

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 121
Mean 85.59
RMS 70
signal [adc counts]

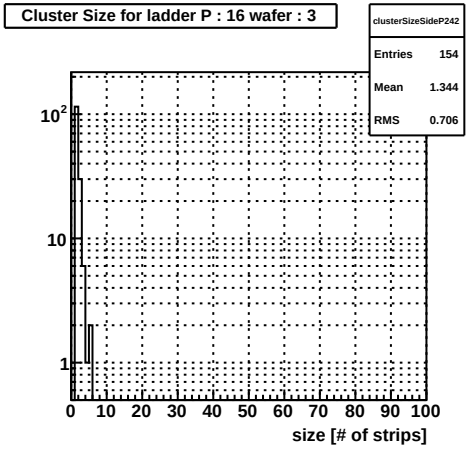

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 166
Mean 1.313
RMS 0.884
size [# of strips]

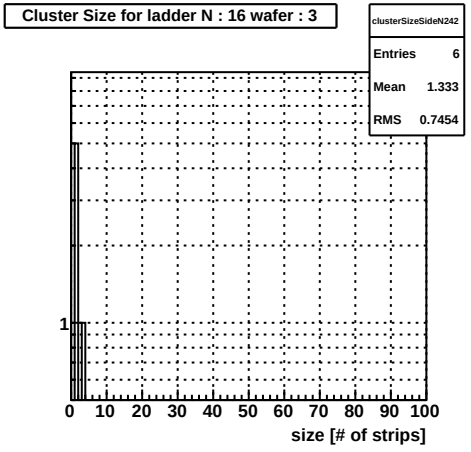

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 4
Mean 1.25
RMS 0.433
size [# of strips]

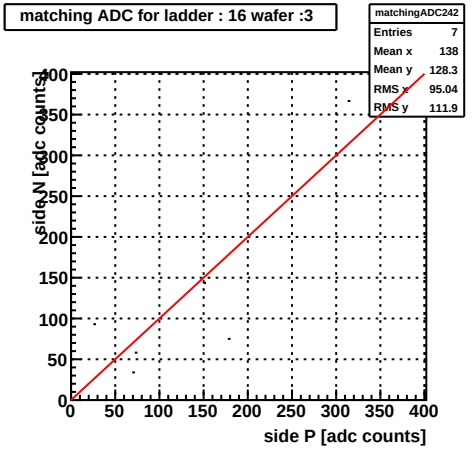

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

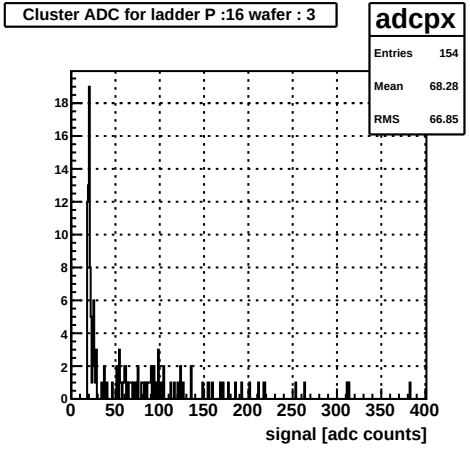

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 166
Mean 39.19
RMS 52.4
signal [adc counts]

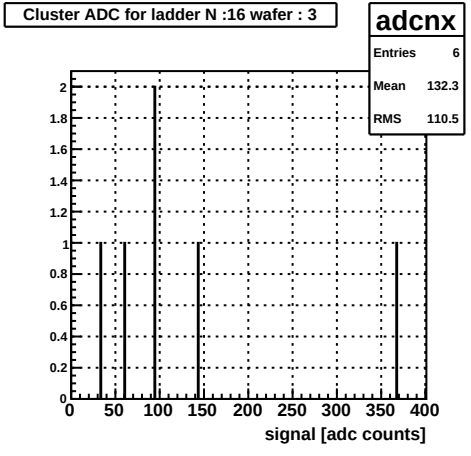

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 4
Mean 86.5
RMS 59.23
signal [adc counts]

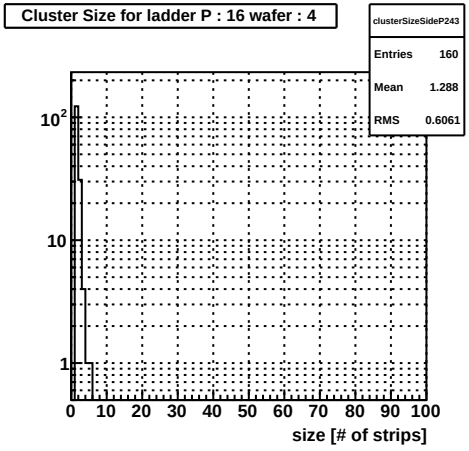

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 154
Mean 1.344
RMS 0.706
size [# of strips]

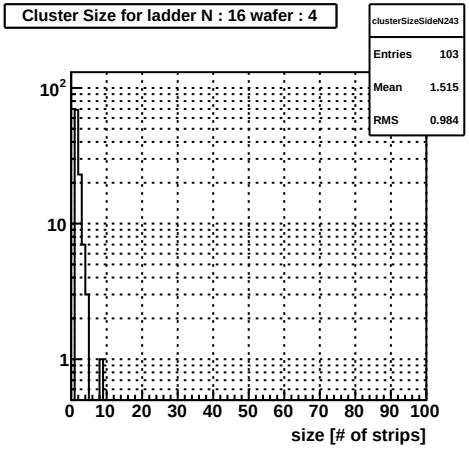

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 6
Mean 1.333
RMS 0.7454
size [# of strips]

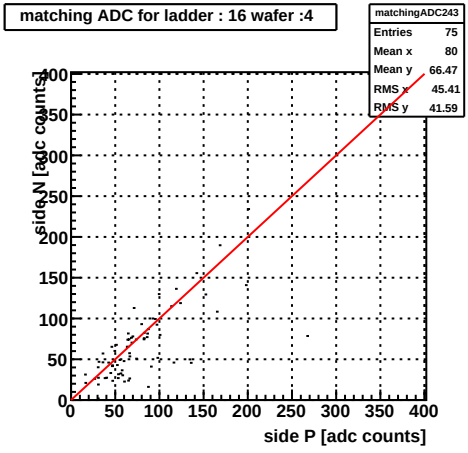

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 7
Mean x 138
Mean y 128.3
RMS x 95.04
RMS y 111.9
side N [adc counts]
side P [adc counts]

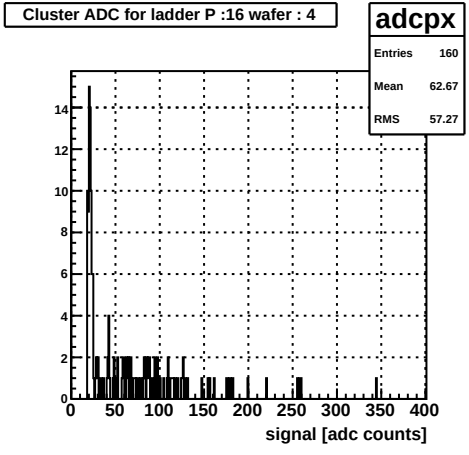

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 154
Mean 68.28
RMS 66.85
signal [adc counts]

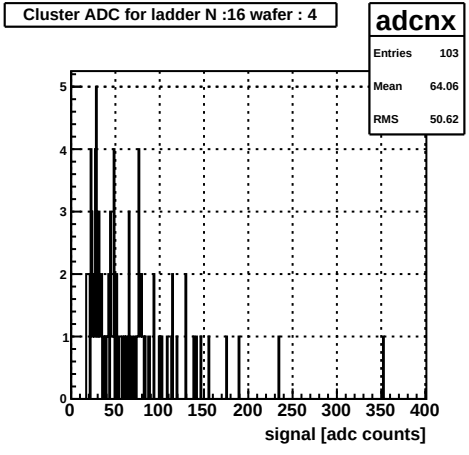

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 6
Mean 132.3
RMS 110.5
signal [adc counts]

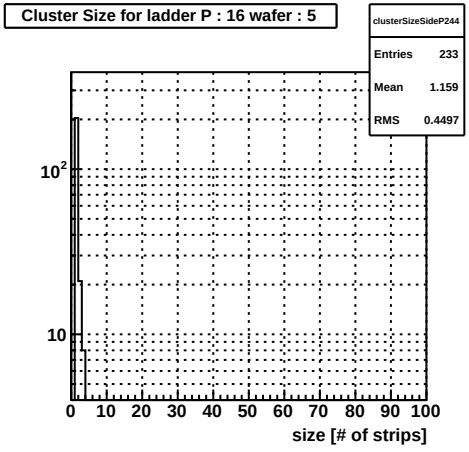

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 160
Mean 1.288
RMS 0.6061
size [# of strips]

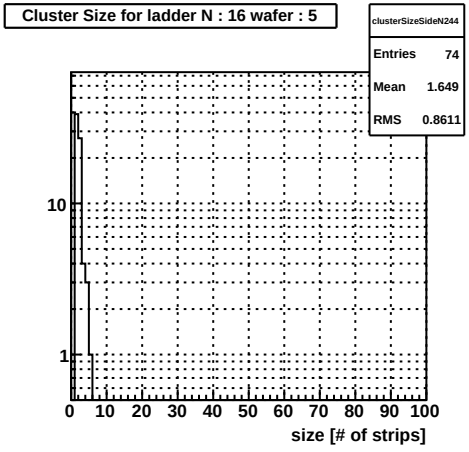

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 103
Mean 1.515
RMS 0.984
size [# of strips]

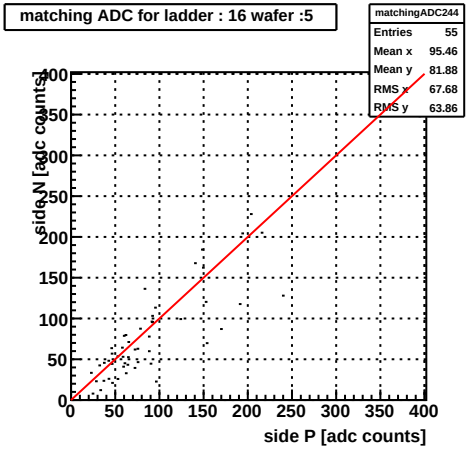

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 75
Mean x 80
Mean y 66.47
RMS x 45.41
RMS y 41.59
side N [adc counts]
side P [adc counts]

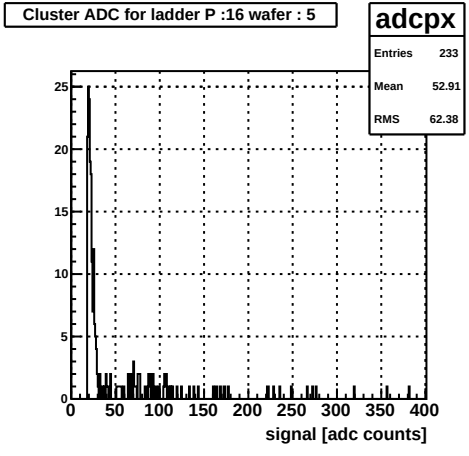

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 160
Mean 62.67
RMS 57.27
signal [adc counts]

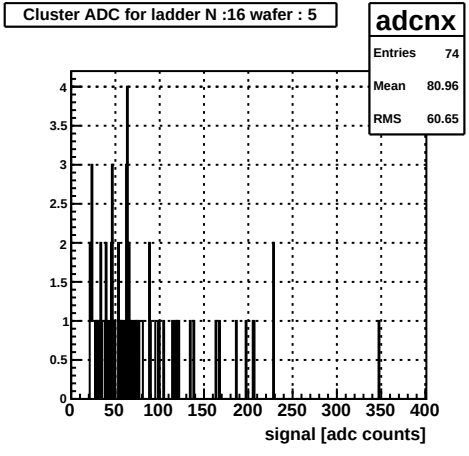

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 103
Mean 64.06
RMS 50.62
signal [adc counts]

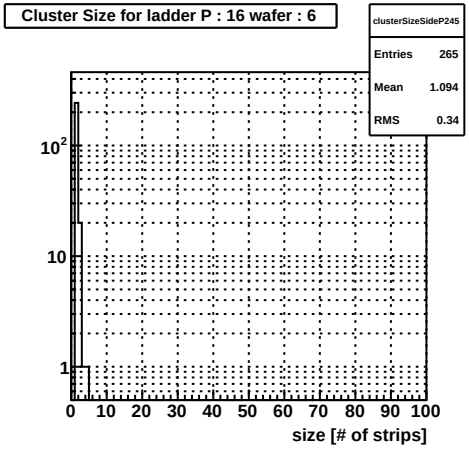

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 233
Mean 1.159
RMS 0.4497
size [# of strips]

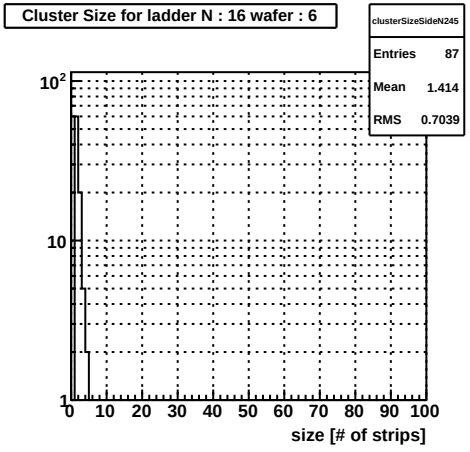

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 74
Mean 1.649
RMS 0.8611
size [# of strips]

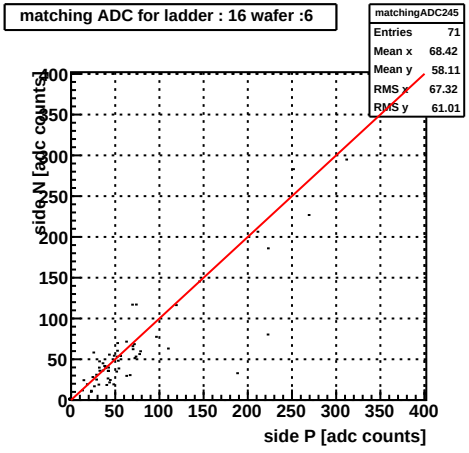

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 55
Mean x 95.46
Mean y 81.88
RMS x 67.68
RMS y 63.86
side N [adc counts]
side P [adc counts]

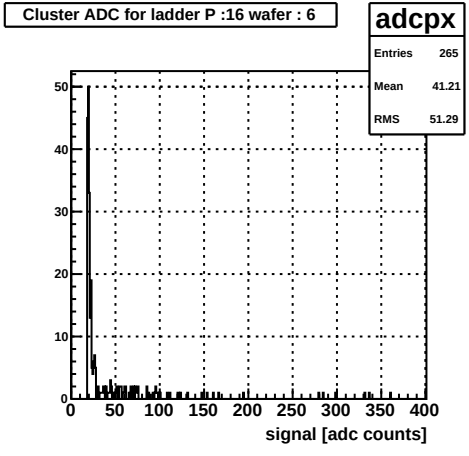

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 233
Mean 52.91
RMS 62.38
signal [adc counts]

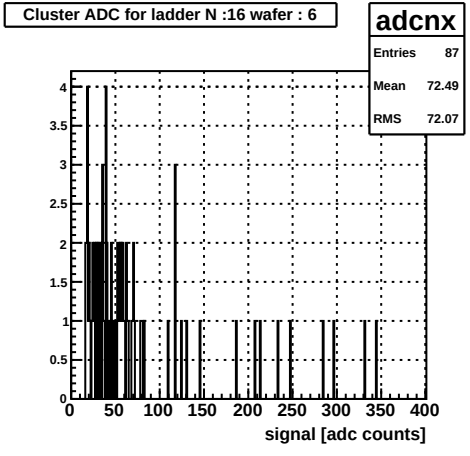

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 74
Mean 80.96
RMS 60.65
signal [adc counts]

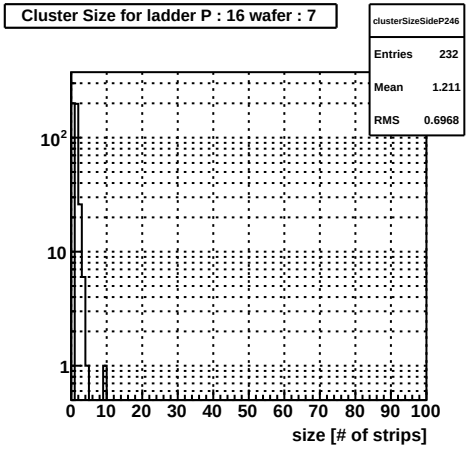

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 265
Mean 1.094
RMS 0.34
size [# of strips]

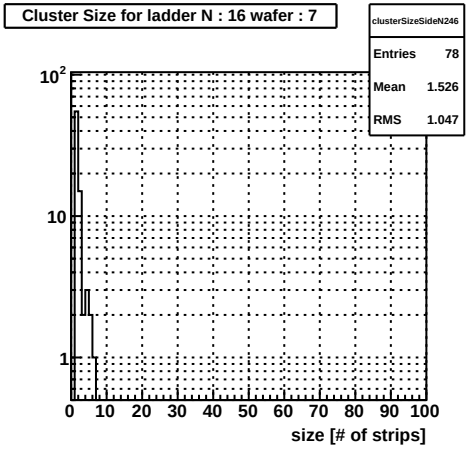

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 87
Mean 1.414
RMS 0.7039
size [# of strips]

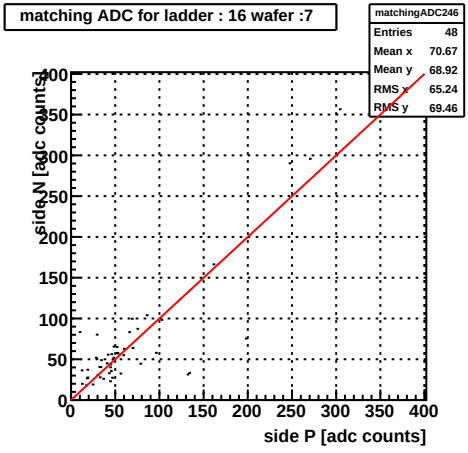

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 71
Mean x 68.42
Mean y 58.11
RMS x 67.32
RMS y 61.01
side N [adc counts]
side P [adc counts]

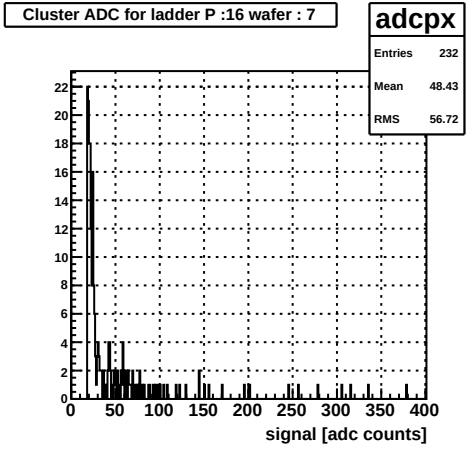

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 265
Mean 41.21
RMS 51.29
signal [adc counts]

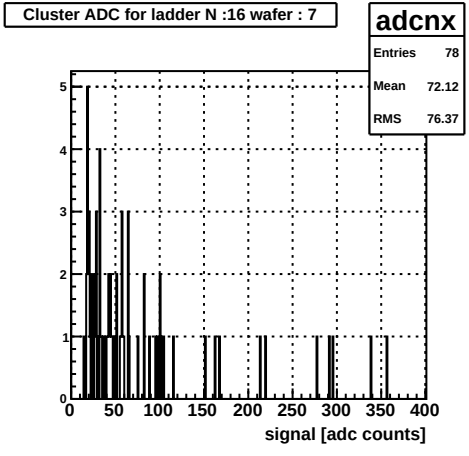

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 87
Mean 72.49
RMS 72.07
signal [adc counts]

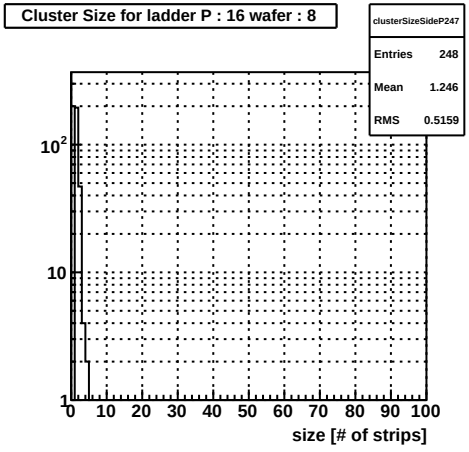

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 232
Mean 1.211
RMS 0.6968
size [# of strips]

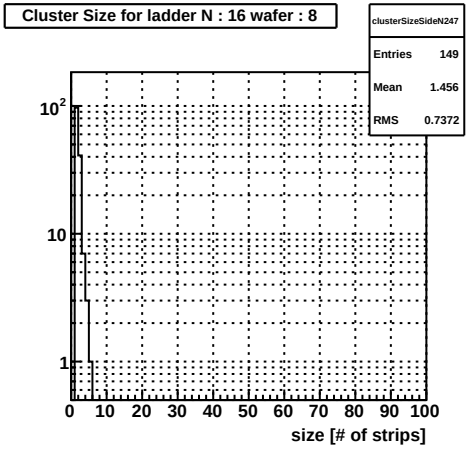

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 78
Mean 1.526
RMS 1.047
size [# of strips]

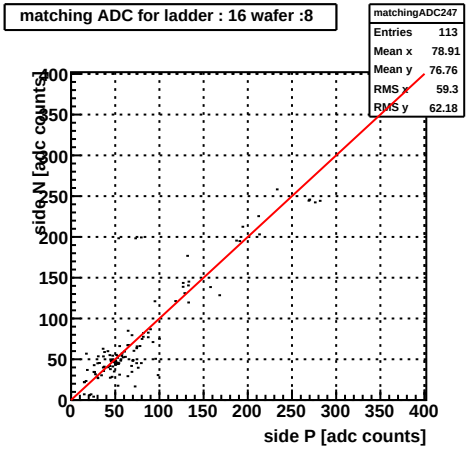

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 48
Mean x 70.67
Mean y 68.92
RMS x 65.24
RMS y 69.46
side N [adc counts]
side P [adc counts]

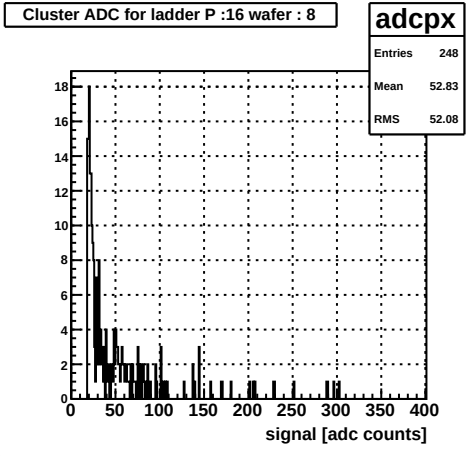

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 232
Mean 48.43
RMS 56.72
signal [adc counts]

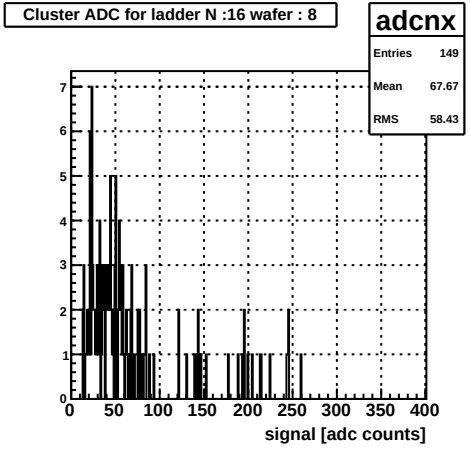

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 78
Mean 72.12
RMS 76.37
signal [adc counts]

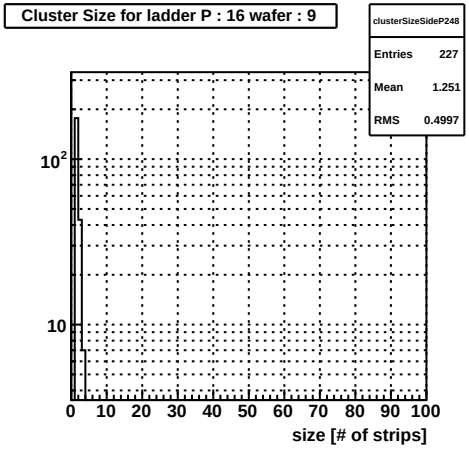

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 248
Mean 1.246
RMS 0.5159
size [# of strips]

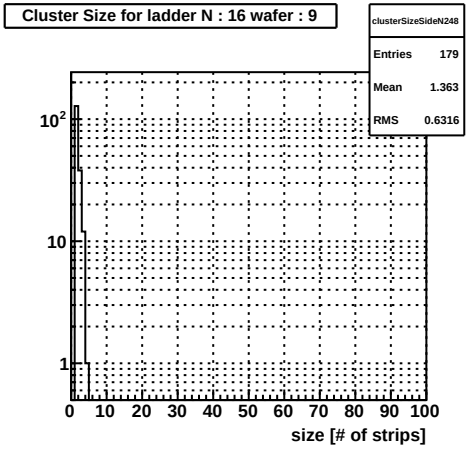

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 149
Mean 1.456
RMS 0.7372
size [# of strips]

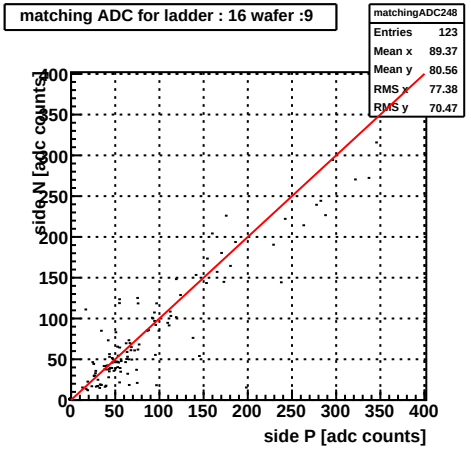

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 113
Mean x 78.91
Mean y 76.76
RMS x 59.3
RMS y 62.18
side N [adc counts]
side P [adc counts]

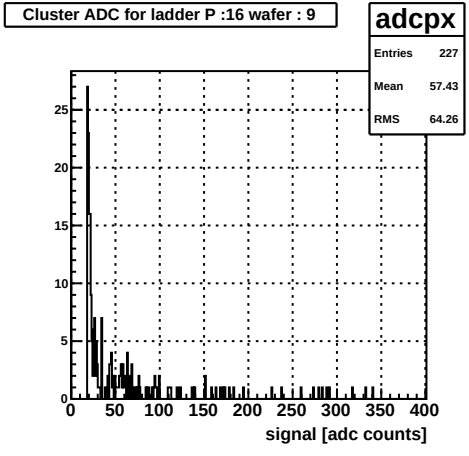

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 248
Mean 52.83
RMS 52.08
signal [adc counts]

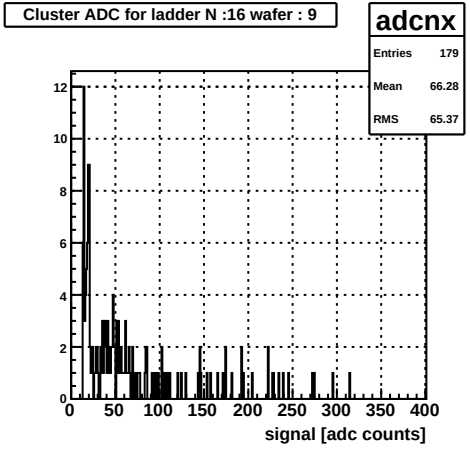

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 149
Mean 67.67
RMS 58.43
signal [adc counts]

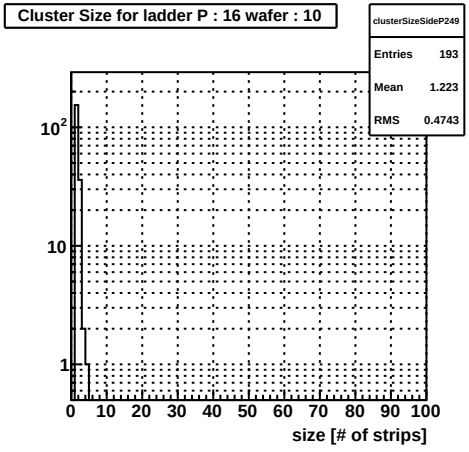

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 227
Mean 1.251
RMS 0.4997
size [# of strips]

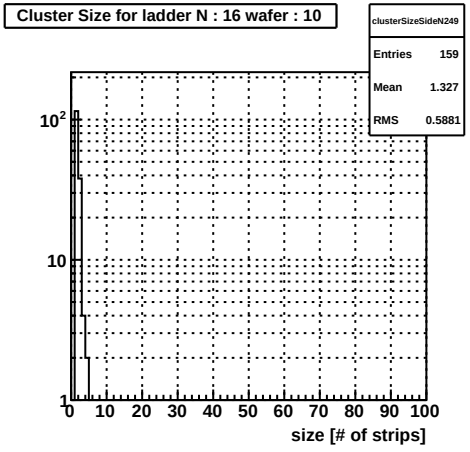

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 179
Mean 1.363
RMS 0.6316
size [# of strips]

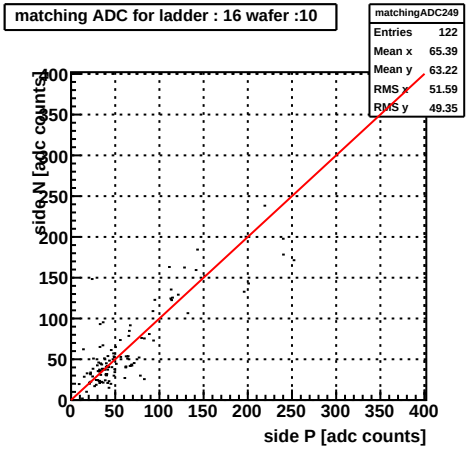

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 123
Mean x 89.37
Mean y 80.56
RMS x 77.38
RMS y 70.47
side N [adc counts]
side P [adc counts]

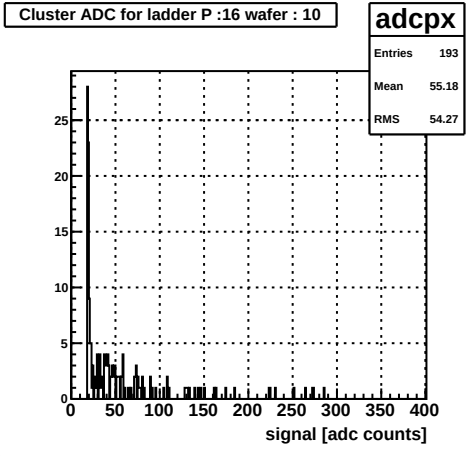

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 227
Mean 57.43
RMS 64.26
signal [adc counts]

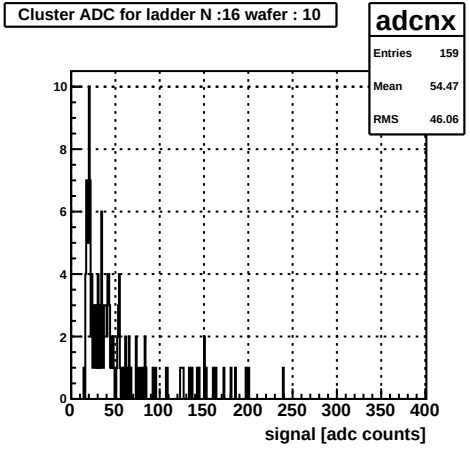

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 179
Mean 66.28
RMS 65.37
signal [adc counts]

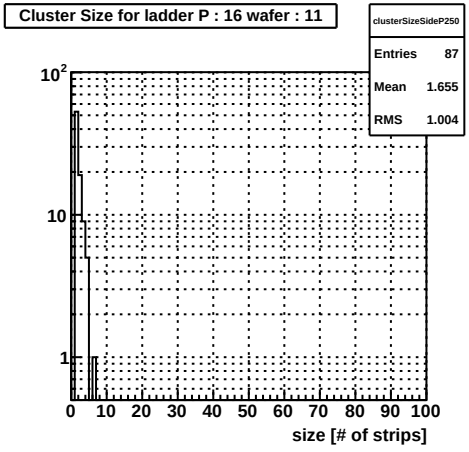

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 193
Mean 1.223
RMS 0.4743
size [# of strips]

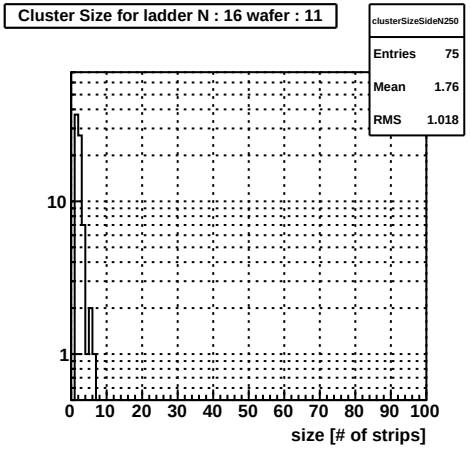

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 159
Mean 1.327
RMS 0.5881
size [# of strips]

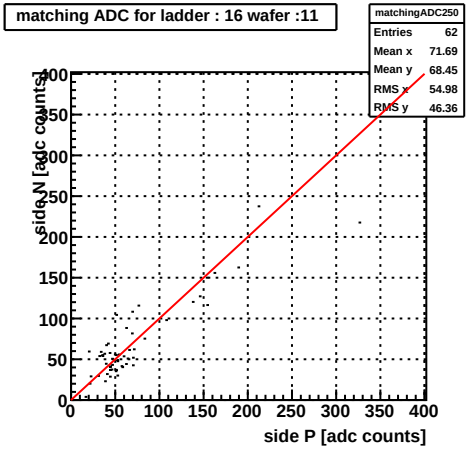

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 122
Mean x 65.39
Mean y 63.22
RMS x 51.59
RMS y 49.35
side N [adc counts]
side P [adc counts]

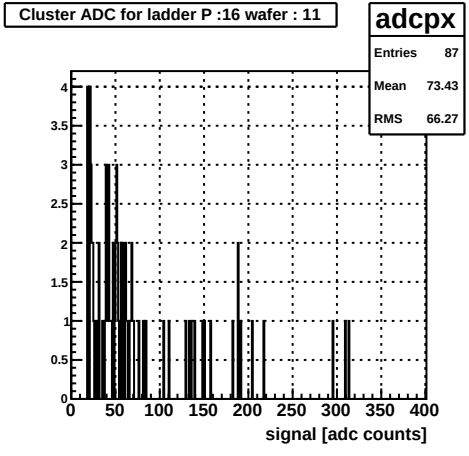

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 193
Mean 55.18
RMS 54.27
signal [adc counts]

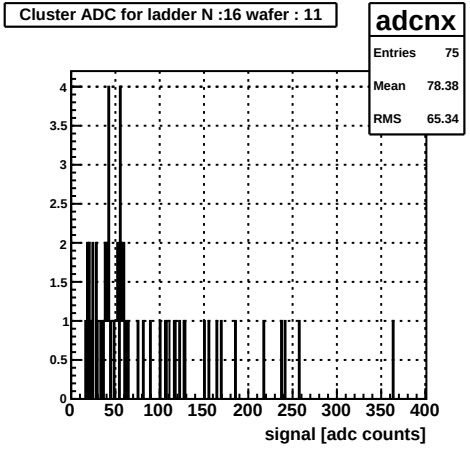

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 159
Mean 54.47
RMS 46.06
signal [adc counts]

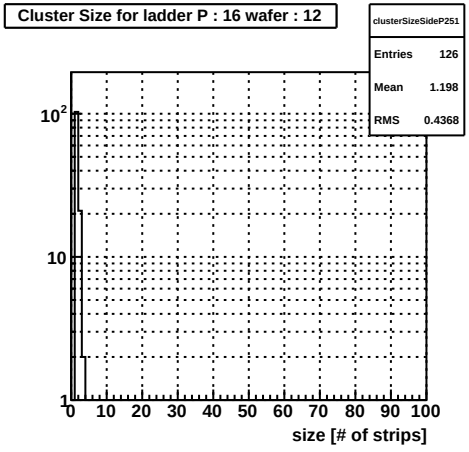

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 87
Mean 1.655
RMS 1.004
size [# of strips]

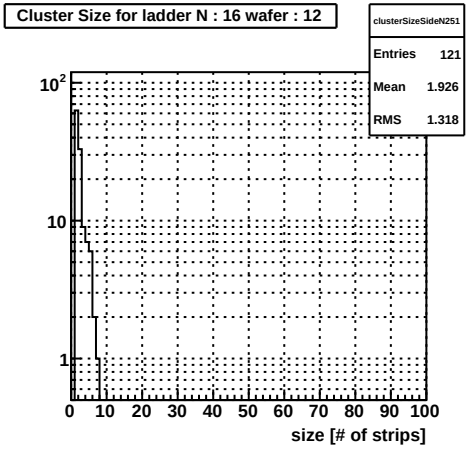

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 75
Mean 1.76
RMS 1.018
size [# of strips]

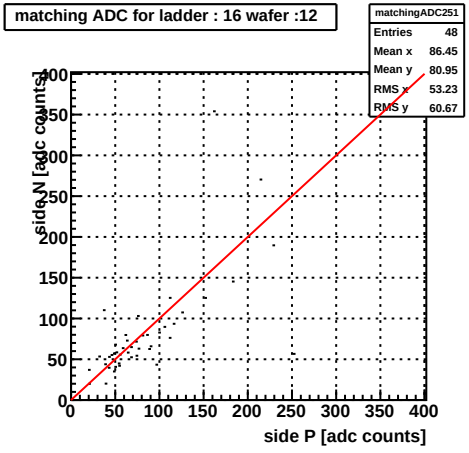

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 62
Mean x 71.69
Mean y 68.45
RMS x 54.98
RMS y 46.36
side N [adc counts]
side P [adc counts]

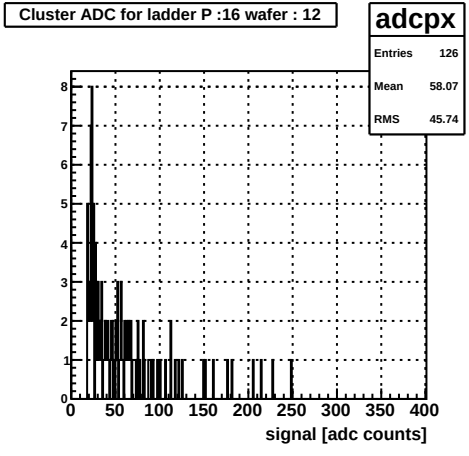

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 87
Mean 73.43
RMS 66.27
signal [adc counts]

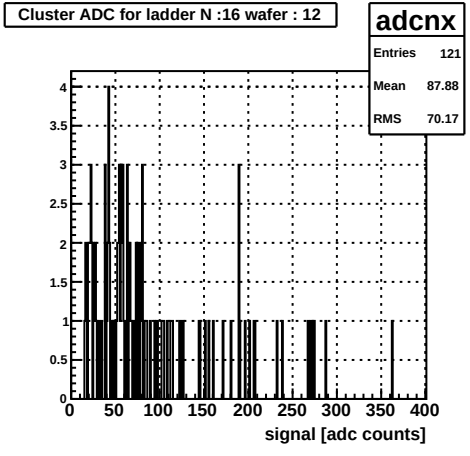

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 75
Mean 78.38
RMS 65.34
signal [adc counts]

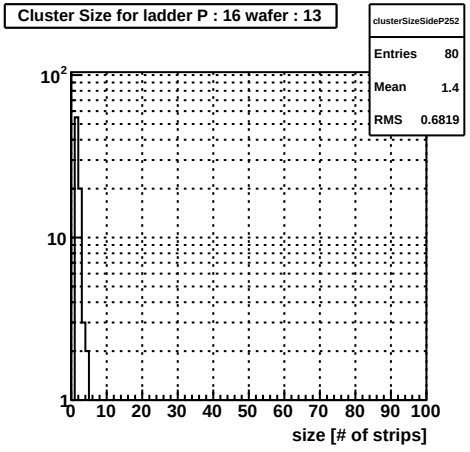

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 126
Mean 1.198
RMS 0.4368
size [# of strips]

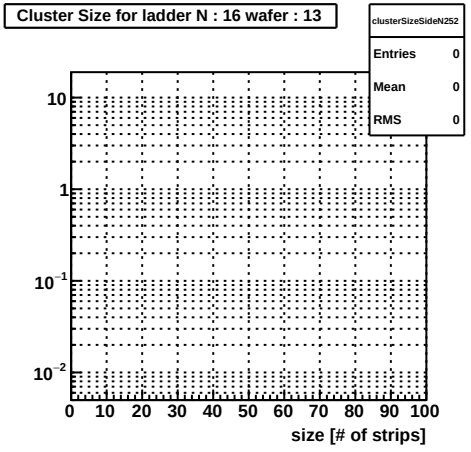

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 121
Mean 1.926
RMS 1.318
size [# of strips]

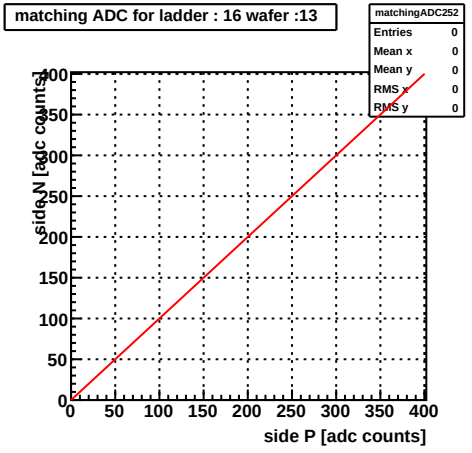

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 48
Mean x 86.45
Mean y 80.95
RMS x 53.23
RMS y 60.67
side N [adc counts]
side P [adc counts]

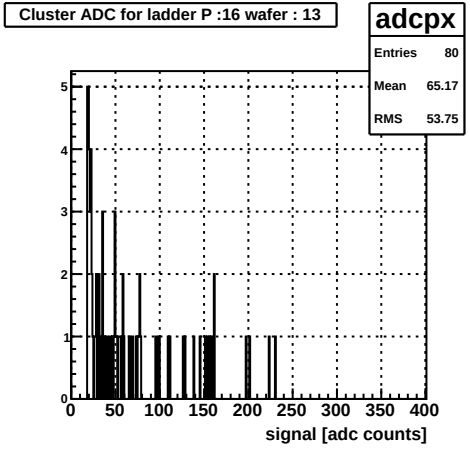

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 126
Mean 58.07
RMS 45.74
signal [adc counts]

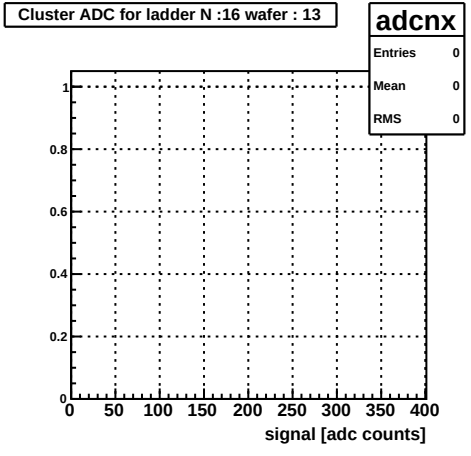

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 121
Mean 87.88
RMS 70.17
signal [adc counts]

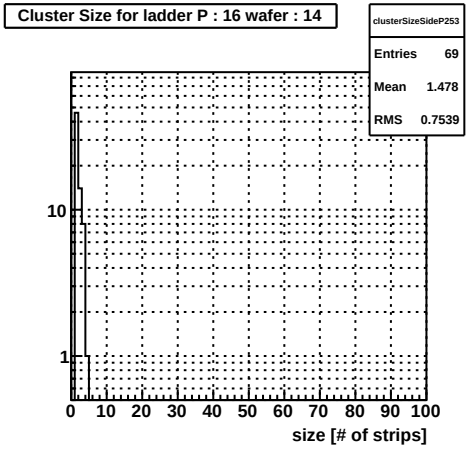

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 80
Mean 1.4
RMS 0.6819
size [# of strips]

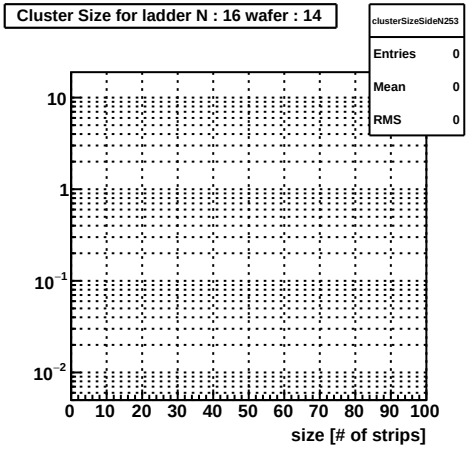

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

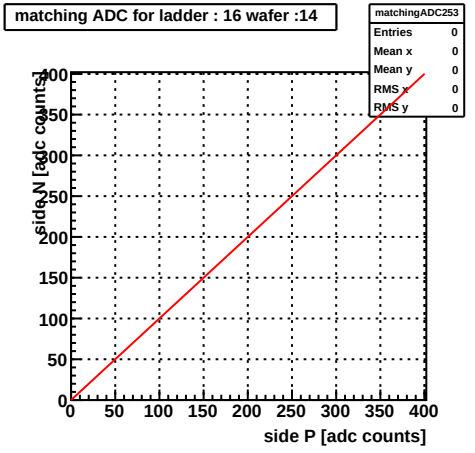

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

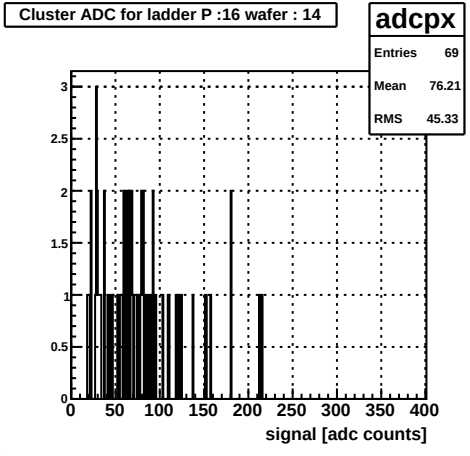

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 80
Mean 65.17
RMS 53.75
signal [adc counts]

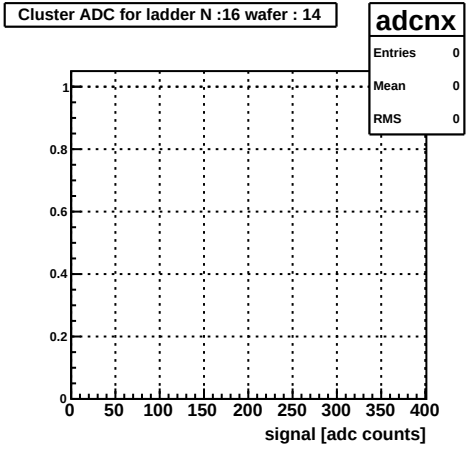

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

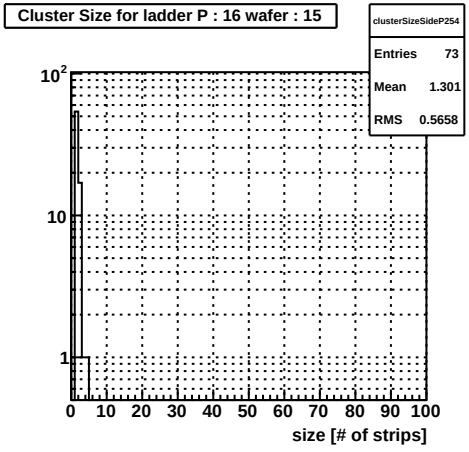

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 69
Mean 1.478
RMS 0.7539
size [# of strips]

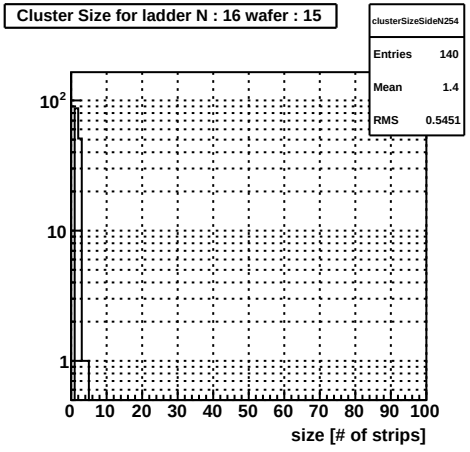

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

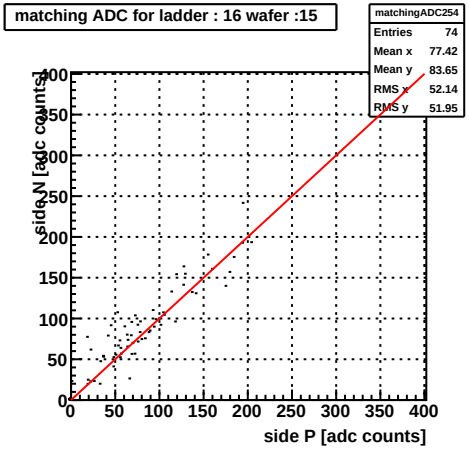

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

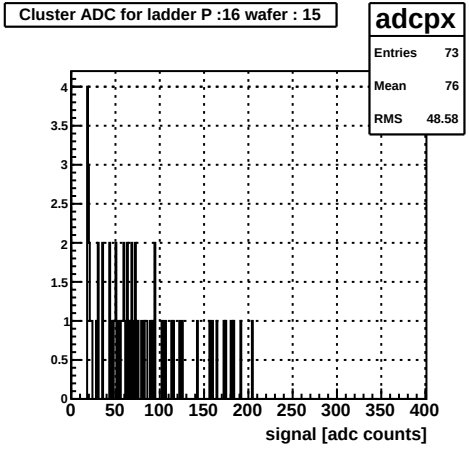

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 69
Mean 76.21
RMS 45.33
signal [adc counts]

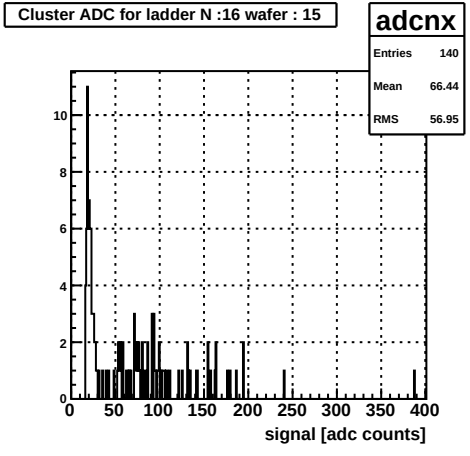

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

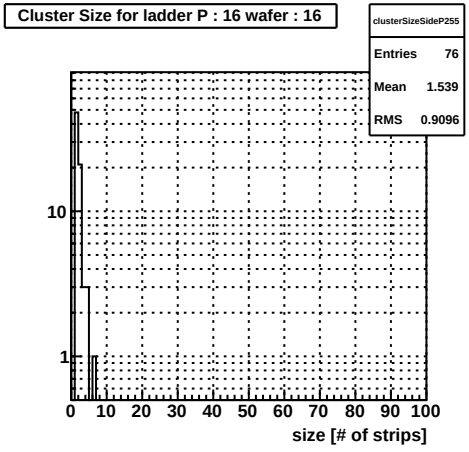

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 73
Mean 1.301
RMS 0.5658
size [# of strips]

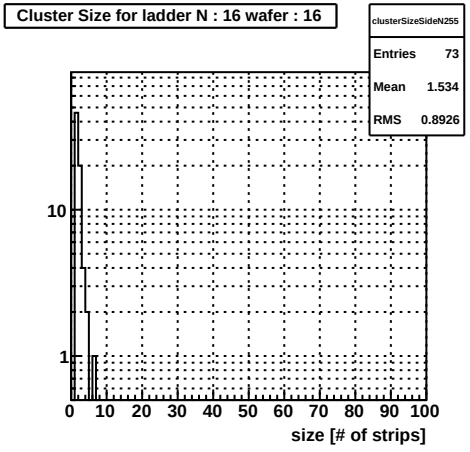

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 140
Mean 1.4
RMS 0.5451
size [# of strips]

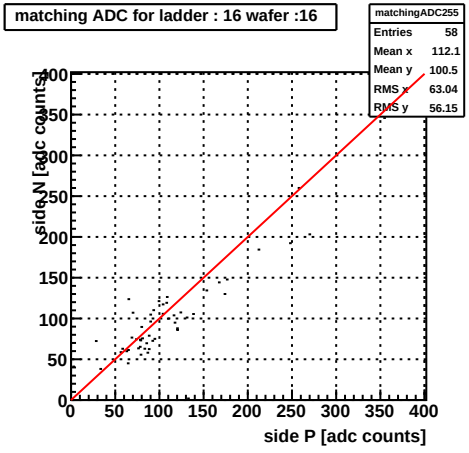

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 74
Mean x 77.42
Mean y 83.65
RMS x 52.14
RMS y 51.95
side N [adc counts]
side P [adc counts]

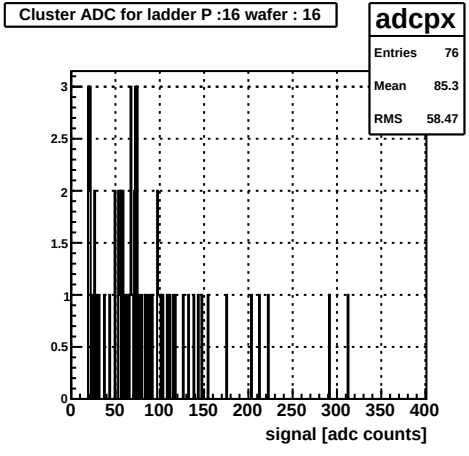

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 73
Mean 76
RMS 48.58
signal [adc counts]

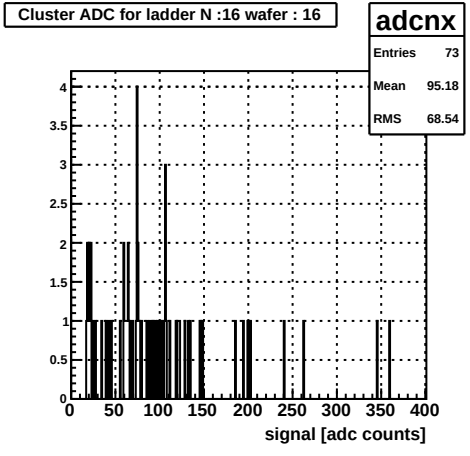

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 140
Mean 66.44
RMS 56.95
signal [adc counts]

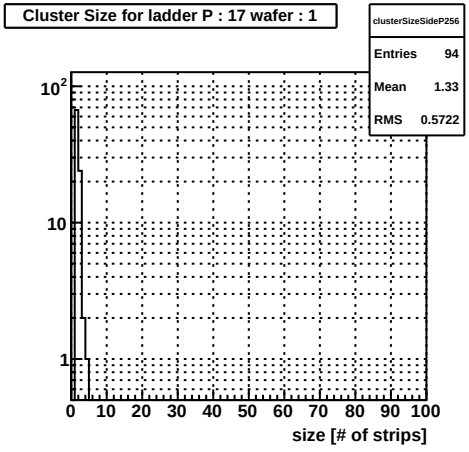

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 76
Mean 1.539
RMS 0.9096
size [# of strips]

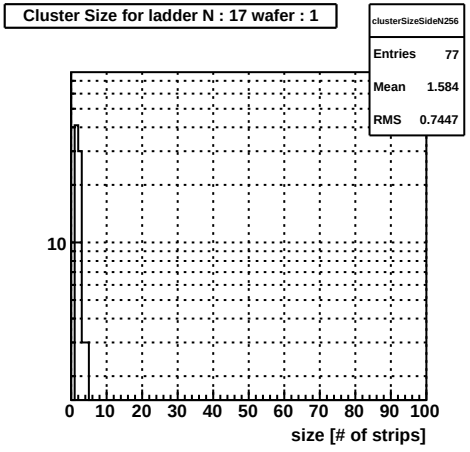

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 73
Mean 1.534
RMS 0.8926
size [# of strips]

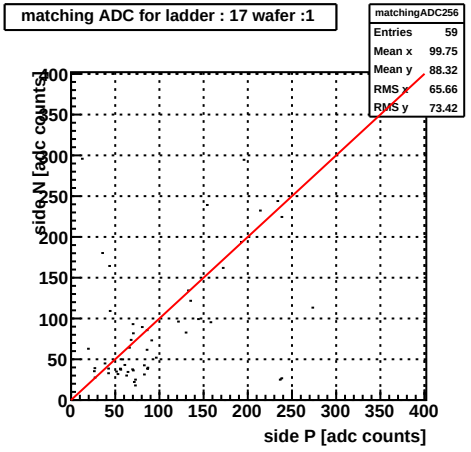

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 58
Mean x 112.1
Mean y 100.5
RMS x 63.04
RMS y 56.15
side N [adc counts]
side P [adc counts]

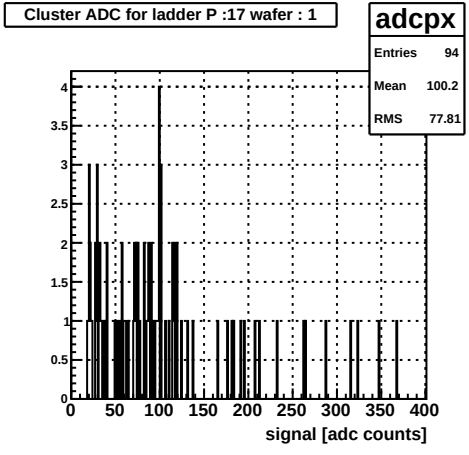

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 76
Mean 85.3
RMS 58.47
signal [adc counts]

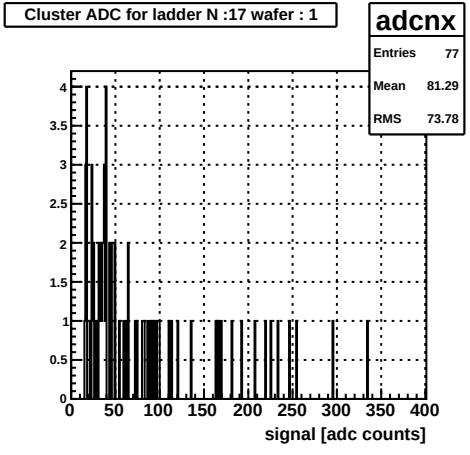

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 73
Mean 95.18
RMS 68.54
signal [adc counts]

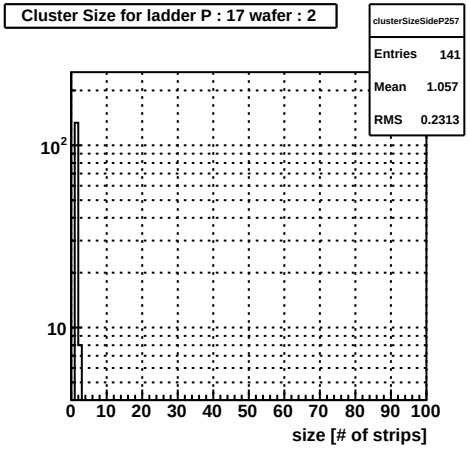

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 94
Mean 1.33
RMS 0.5722
size [# of strips]

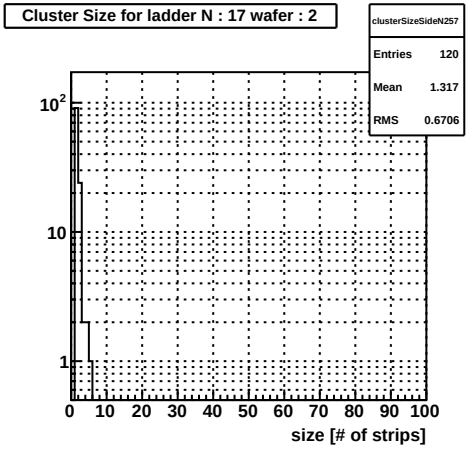

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 77
Mean 1.584
RMS 0.7447
size [# of strips]

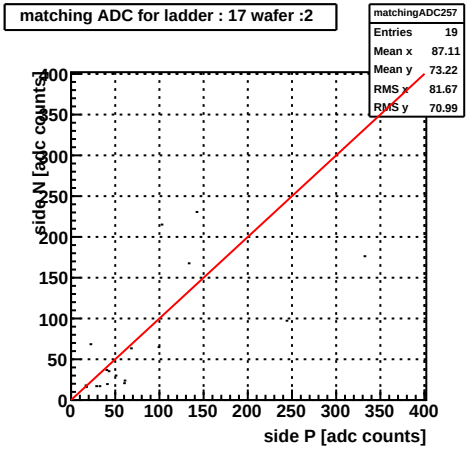

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 59
Mean x 99.75
Mean y 88.32
RMS x 65.66
RMS y 73.42
side N [adc counts]
side P [adc counts]

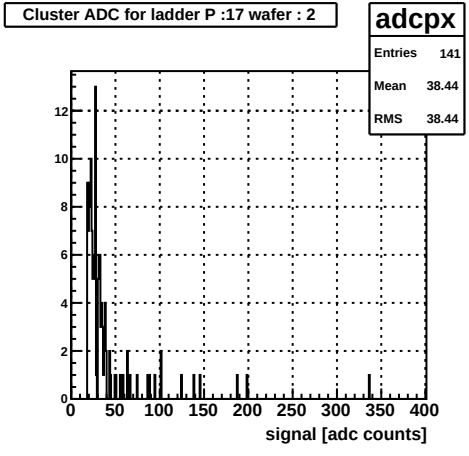

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 94
Mean 100.2
RMS 77.81
signal [adc counts]

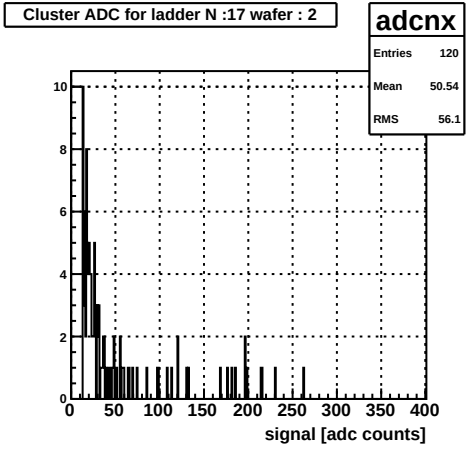

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 77
Mean 81.29
RMS 73.78
signal [adc counts]

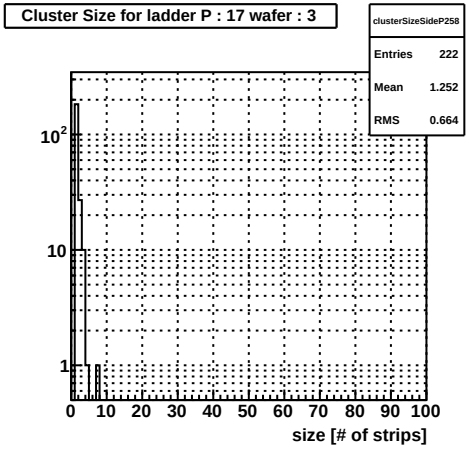

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 141
Mean 1.057
RMS 0.2313
size [# of strips]

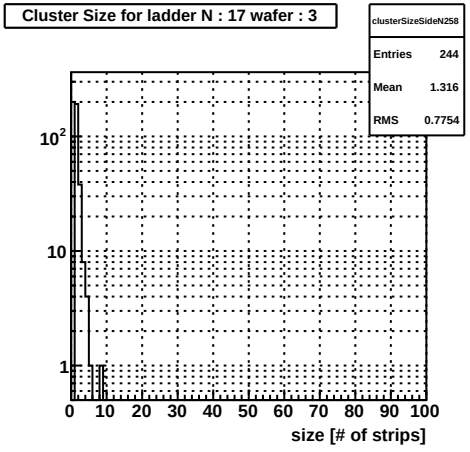

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 120
Mean 1.317
RMS 0.6706
size [# of strips]

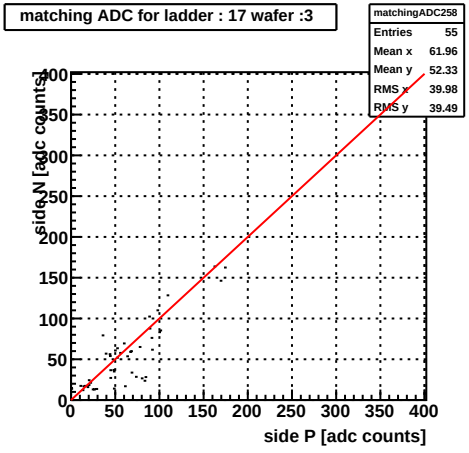

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 19
Mean x 87.11
Mean y 73.22
RMS x 81.67
RMS y 70.99
side N [adc counts]
side P [adc counts]

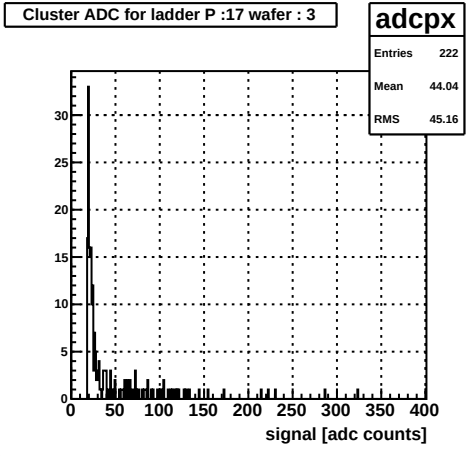

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 141
Mean 38.44
RMS 38.44
signal [adc counts]

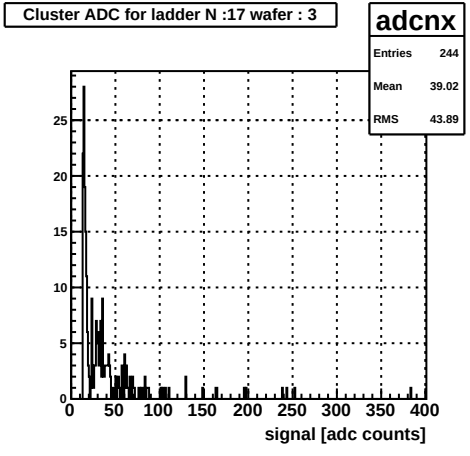

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 120
Mean 50.54
RMS 56.1
signal [adc counts]

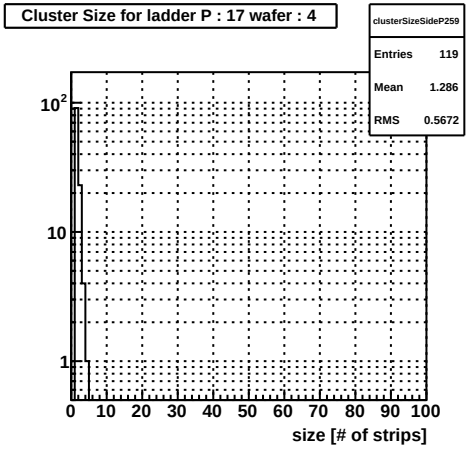

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 222
Mean 1.252
RMS 0.664
size [# of strips]

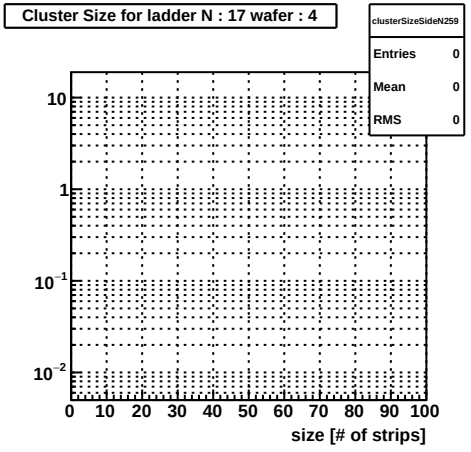

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 244
Mean 1.316
RMS 0.7754
size [# of strips]

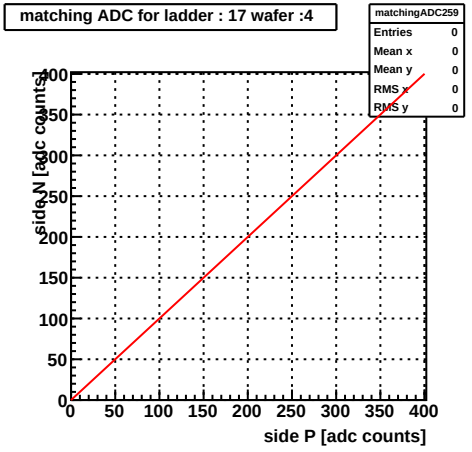

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 55
Mean x 61.96
Mean y 52.33
RMS x 39.98
RMS y 39.49
side N [adc counts]
side P [adc counts]

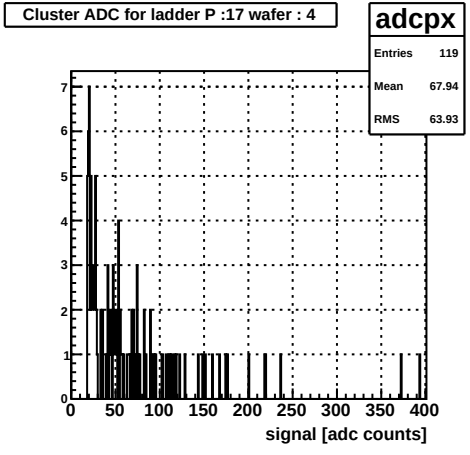

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 222
Mean 44.04
RMS 45.16
signal [adc counts]

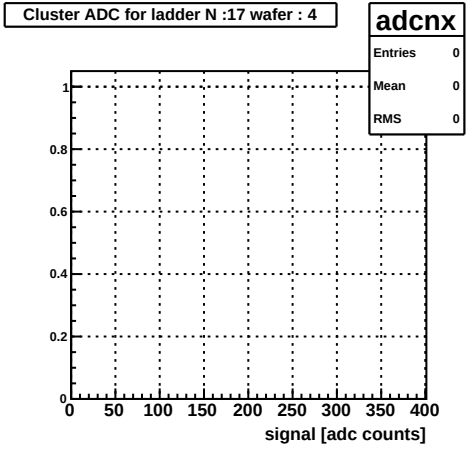

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 244
Mean 39.02
RMS 43.89
signal [adc counts]

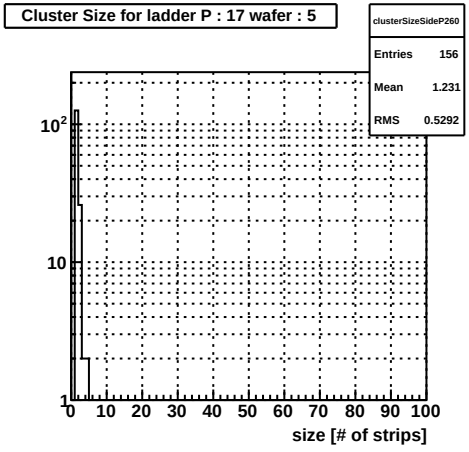

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 119
Mean 1.286
RMS 0.5672
size [# of strips]

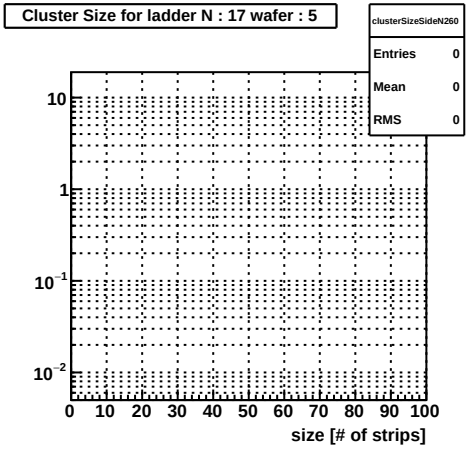

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

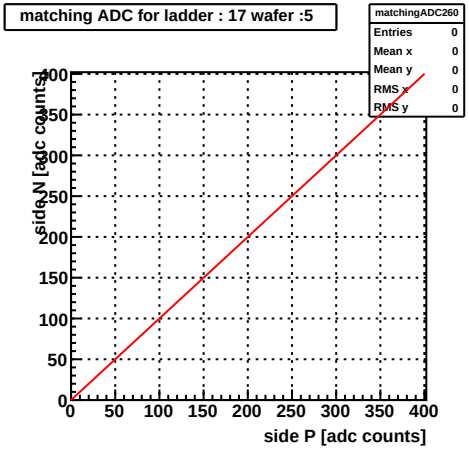

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

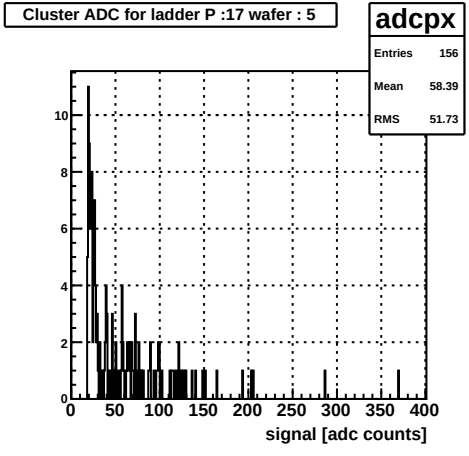

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 119
Mean 67.94
RMS 63.93
signal [adc counts]

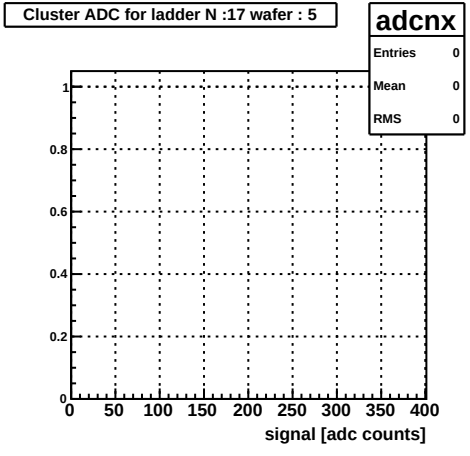

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

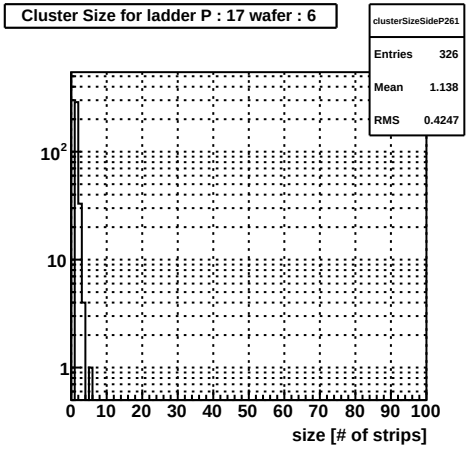

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 156
Mean 1.231
RMS 0.5292
size [# of strips]

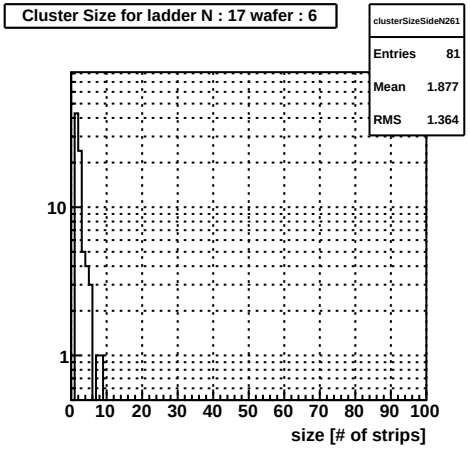

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

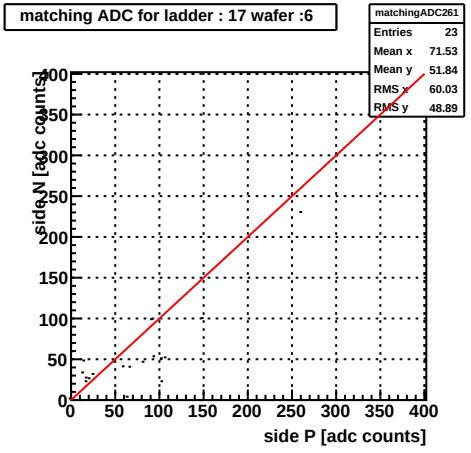

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

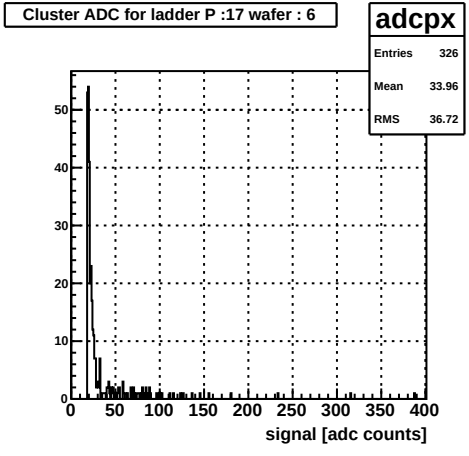

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 156
Mean 58.39
RMS 51.73
signal [adc counts]

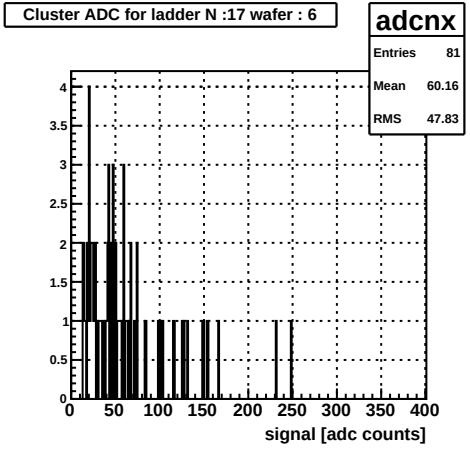

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

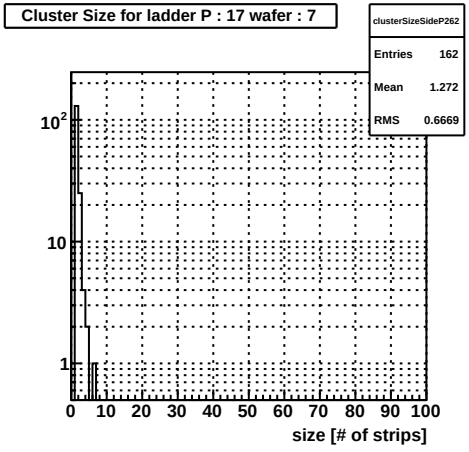

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 326
Mean 1.138
RMS 0.4247
size [# of strips]

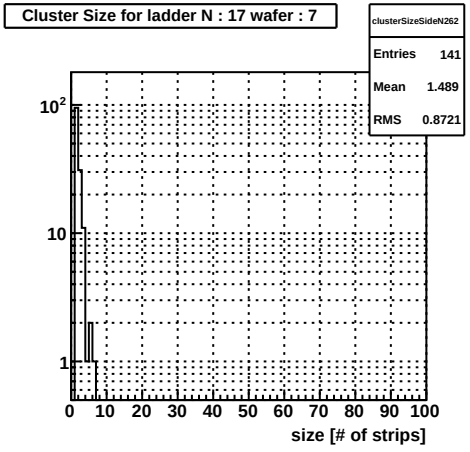

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 81
Mean 1.877
RMS 1.364
size [# of strips]

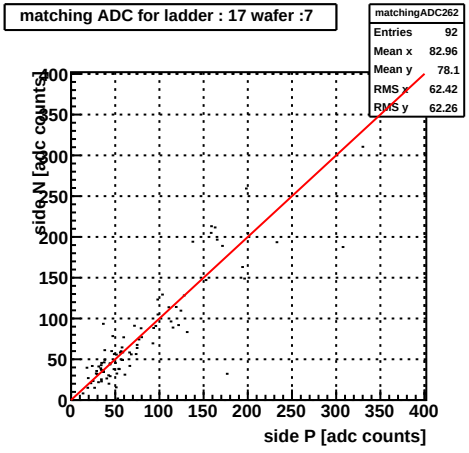

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 23
Mean x 71.53
Mean y 51.84
RMS x 60.03
RMS y 48.89
side N [adc counts]
side P [adc counts]

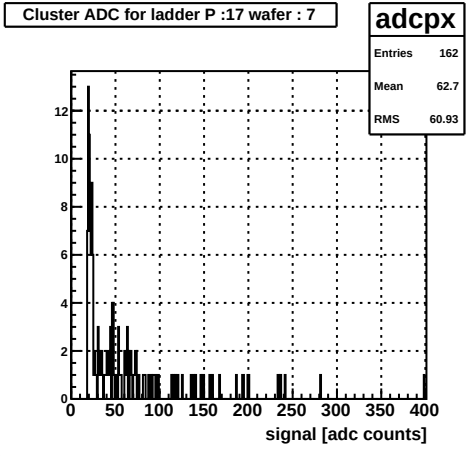

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 326
Mean 33.96
RMS 36.72
signal [adc counts]

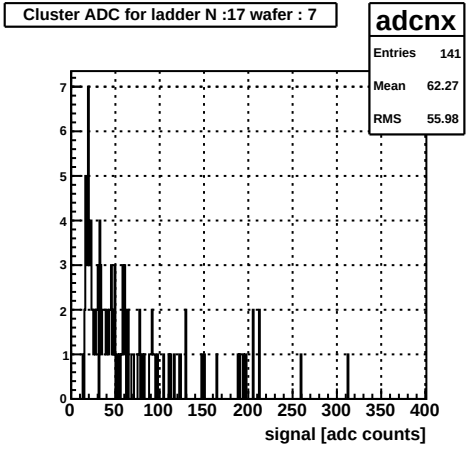

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 81
Mean 60.16
RMS 47.83
signal [adc counts]

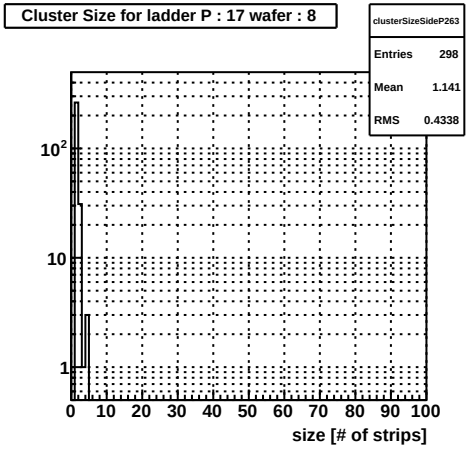

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 162
Mean 1.272
RMS 0.6669
size [# of strips]

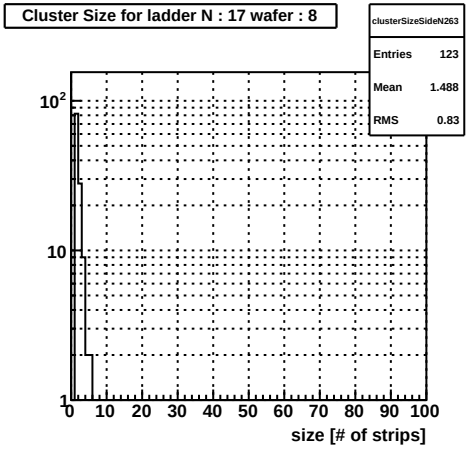

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 141
Mean 1.489
RMS 0.8721
size [# of strips]

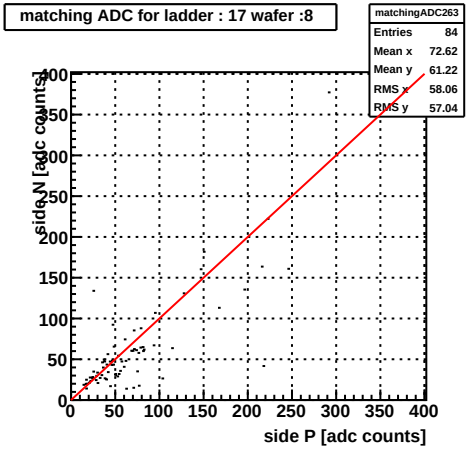

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 92
Mean x 82.96
Mean y 78.1
RMS x 62.42
RMS y 62.26
side N [adc counts]
side P [adc counts]

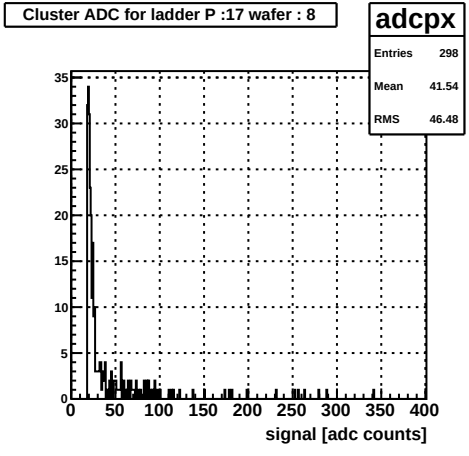

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 162
Mean 62.7
RMS 60.93
signal [adc counts]

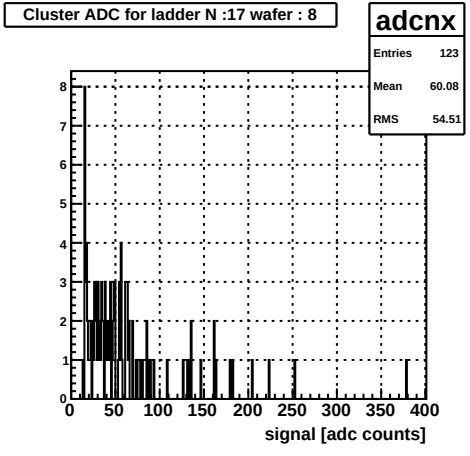

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 141
Mean 62.27
RMS 55.98
signal [adc counts]

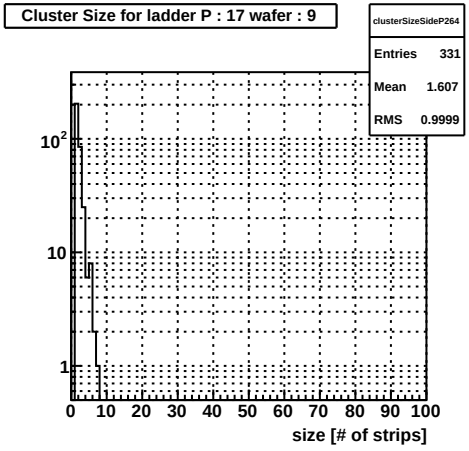

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 298
Mean 1.141
RMS 0.4338
size [# of strips]

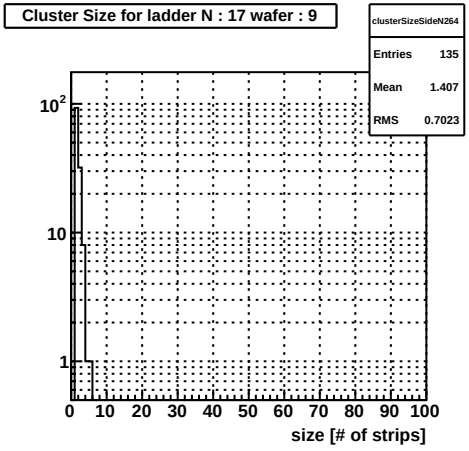

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 123
Mean 1.488
RMS 0.83
size [# of strips]

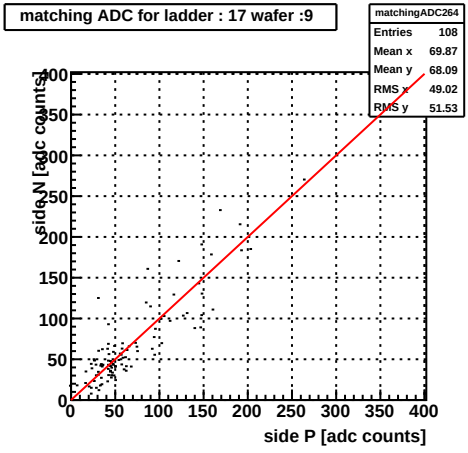

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 84
Mean x 72.62
Mean y 61.22
RMS x 58.06
RMS y 57.04
side N [adc counts]
side P [adc counts]

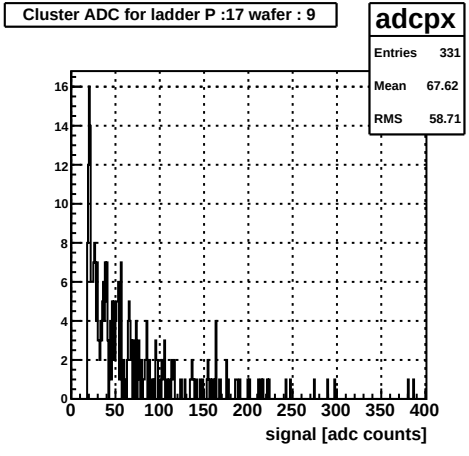

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 298
Mean 41.54
RMS 46.48
signal [adc counts]

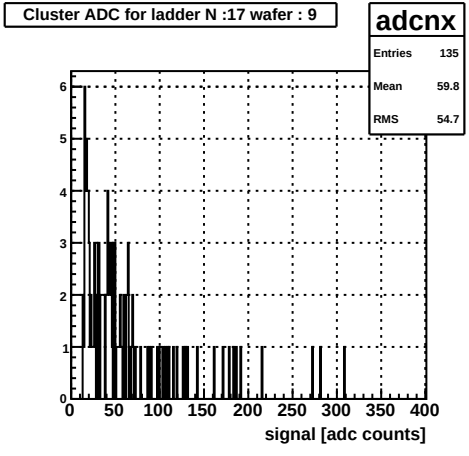

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 123
Mean 60.08
RMS 54.51
signal [adc counts]

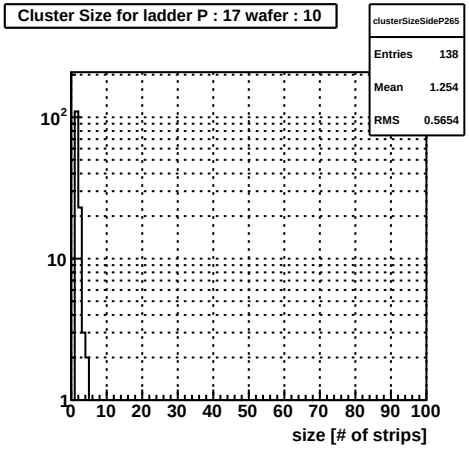

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 331
Mean 1.607
RMS 0.9999
size [# of strips]

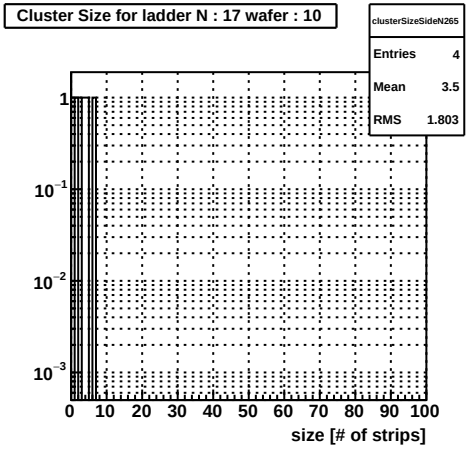

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 135
Mean 1.407
RMS 0.7023
size [# of strips]

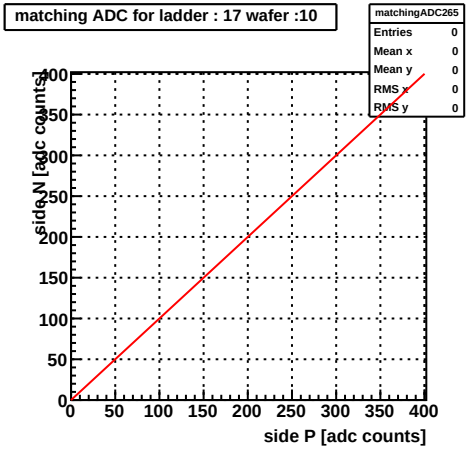

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 108
Mean x 69.87
Mean y 68.09
RMS x 49.02
RMS y 51.53
side N [adc counts]
side P [adc counts]

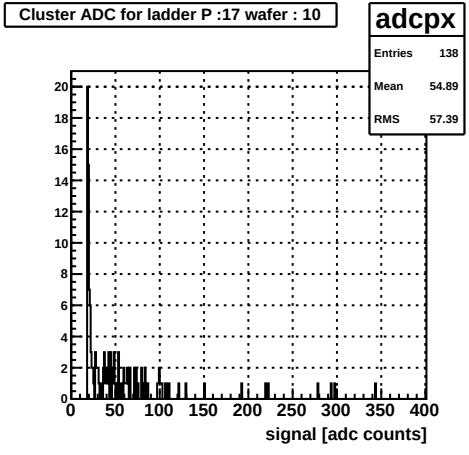

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 331
Mean 67.62
RMS 58.71
signal [adc counts]

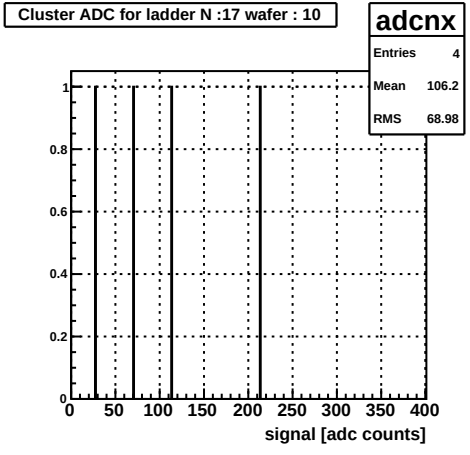

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 135
Mean 59.8
RMS 54.7
signal [adc counts]

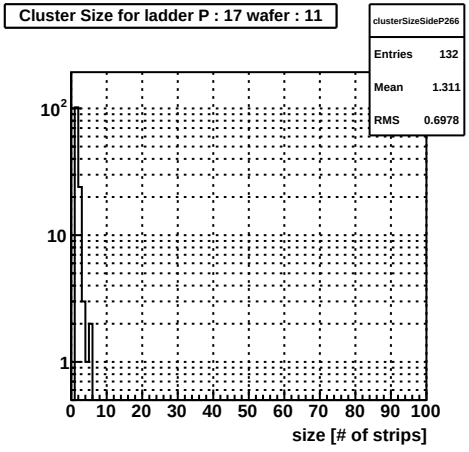

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 138
Mean 1.254
RMS 0.5654
size [# of strips]

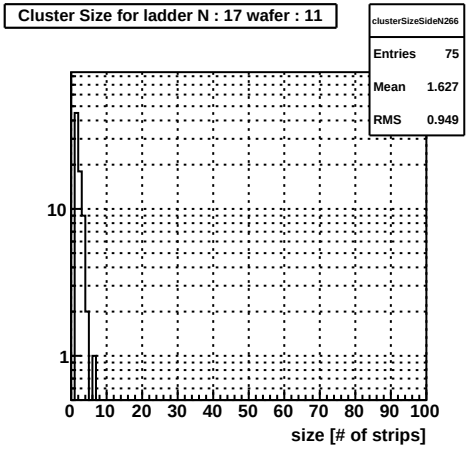

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 4
Mean 3.5
RMS 1.803
size [# of strips]

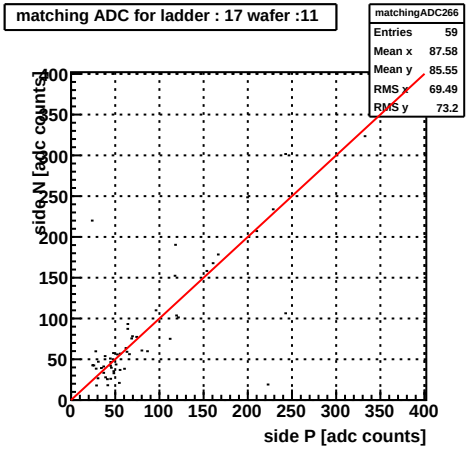

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

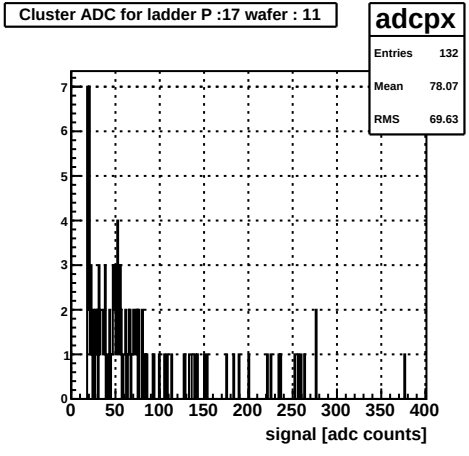

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 138
Mean 54.89
RMS 57.39
signal [adc counts]

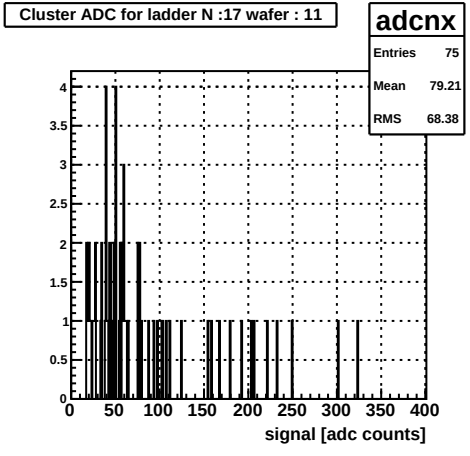

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 4
Mean 106.2
RMS 68.98
signal [adc counts]

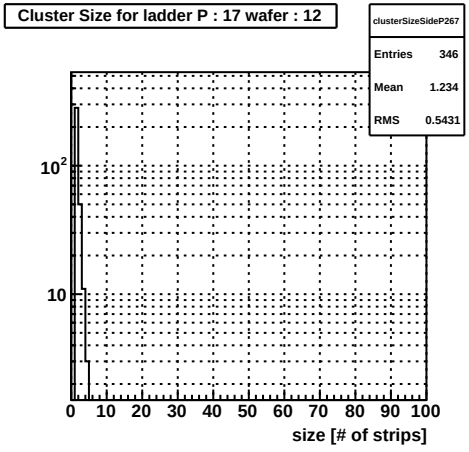

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 132
Mean 1.311
RMS 0.6978
size [# of strips]

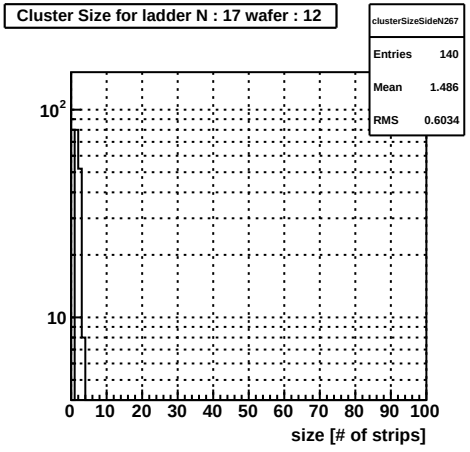

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 75
Mean 1.627
RMS 0.949
size [# of strips]

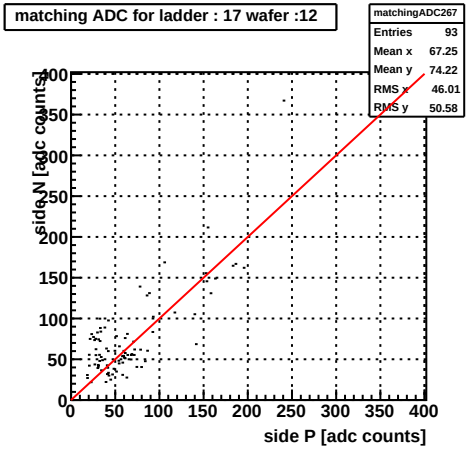

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 59
Mean x 87.58
Mean y 85.55
RMS x 69.49
RMS y 73.2
side N [adc counts]
side P [adc counts]

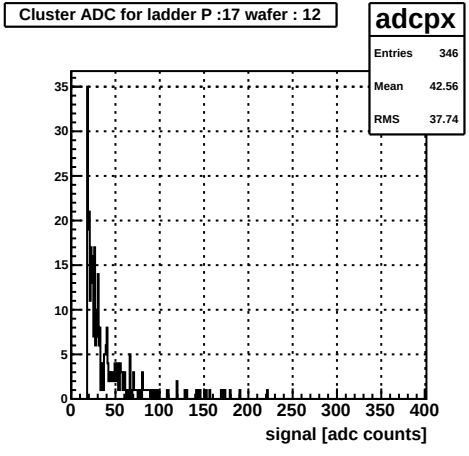

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 132
Mean 78.07
RMS 69.63
signal [adc counts]

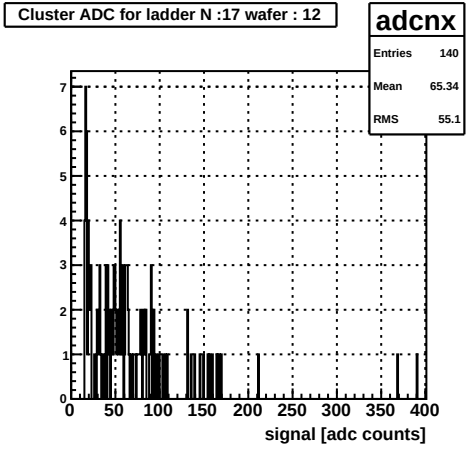

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 75
Mean 79.21
RMS 68.38
signal [adc counts]

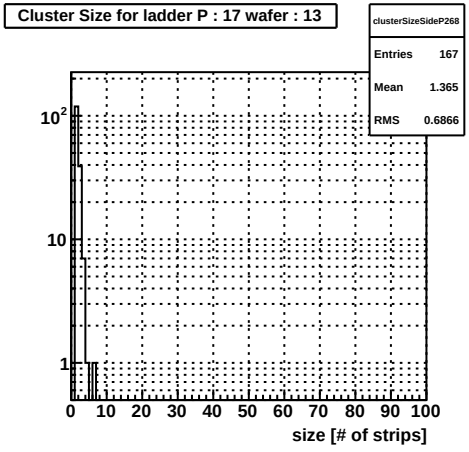

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 346
Mean 1.234
RMS 0.5431
size [# of strips]

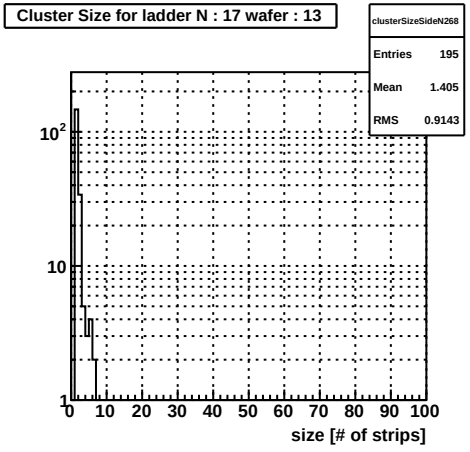

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 140
Mean 1.486
RMS 0.6034
size [# of strips]

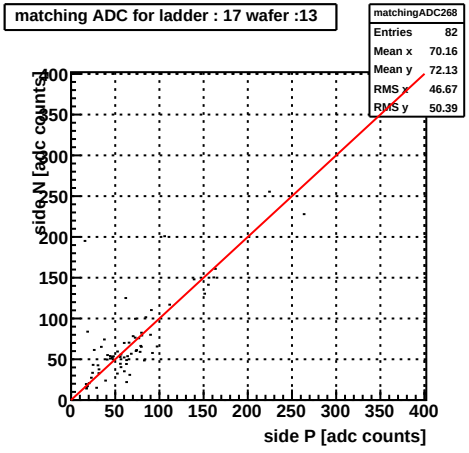

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 93
Mean x 67.25
Mean y 74.22
RMS x 46.01
RMS y 50.58
side N [adc counts]
side P [adc counts]

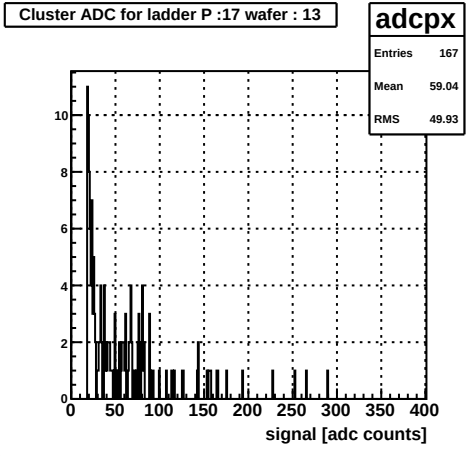

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 346
Mean 42.56
RMS 37.74
signal [adc counts]

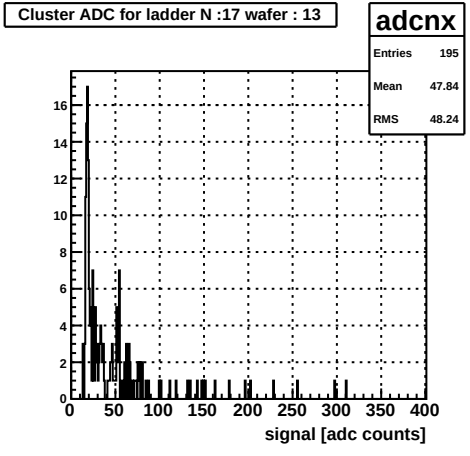

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 140
Mean 65.34
RMS 55.1
signal [adc counts]

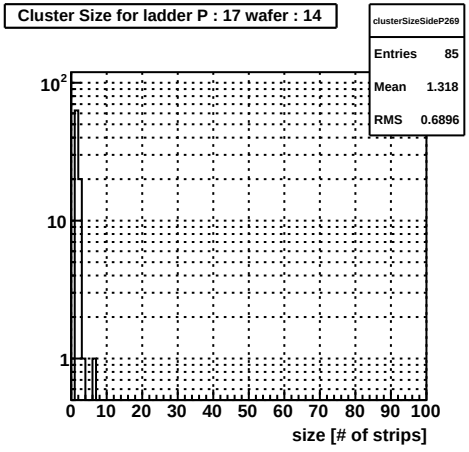

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 167
Mean 1.365
RMS 0.6866
size [# of strips]

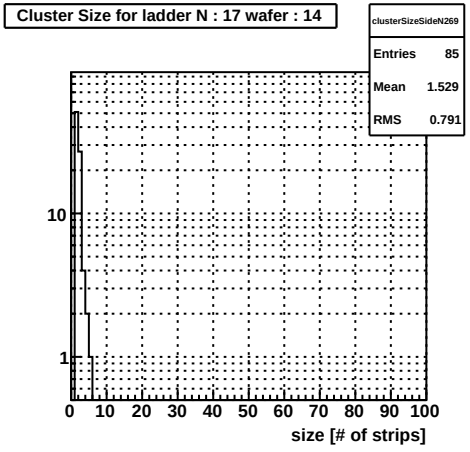

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 195
Mean 1.405
RMS 0.9143
size [# of strips]

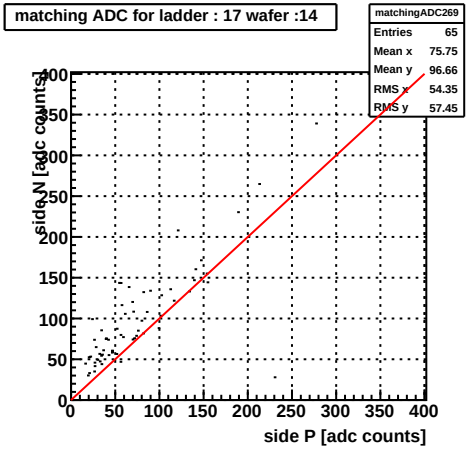

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 82
Mean x 70.16
Mean y 72.13
RMS x 46.67
RMS y 50.39
side N [adc counts]
side P [adc counts]

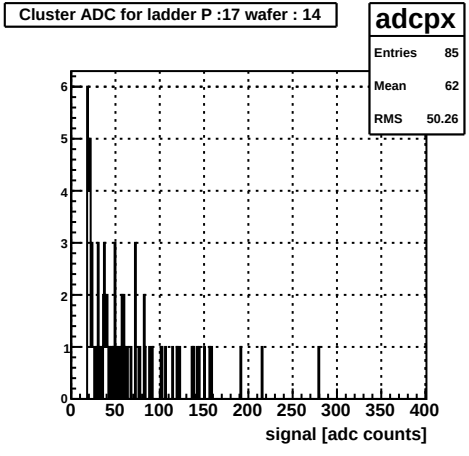

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 167
Mean 59.04
RMS 49.93
signal [adc counts]

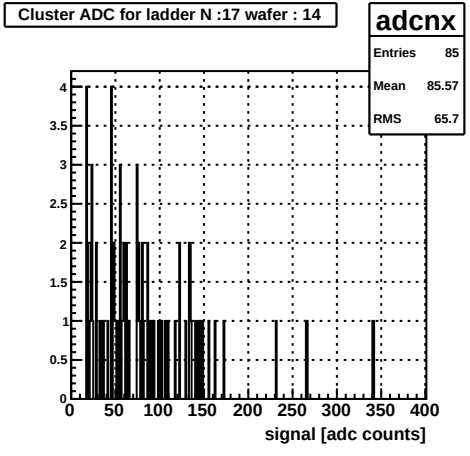

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 195
Mean 47.84
RMS 48.24
signal [adc counts]

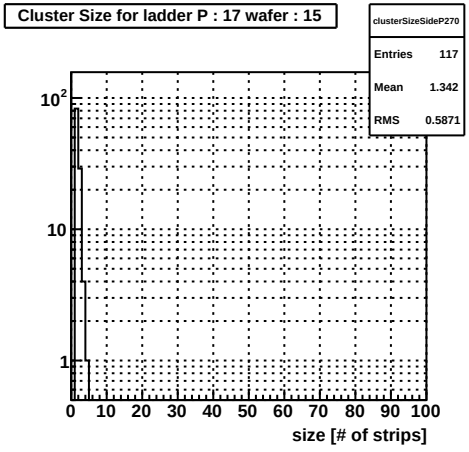

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 85
Mean 1.318
RMS 0.6896
size [# of strips]

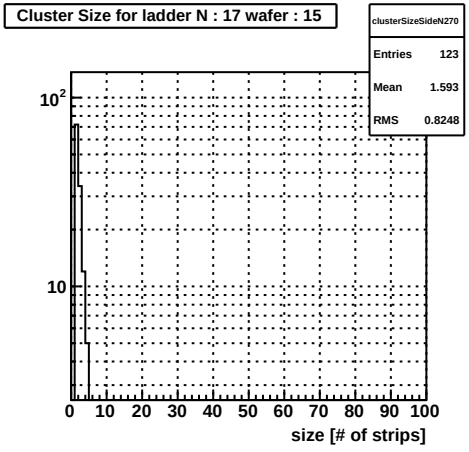

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 85
Mean 1.529
RMS 0.791
size [# of strips]

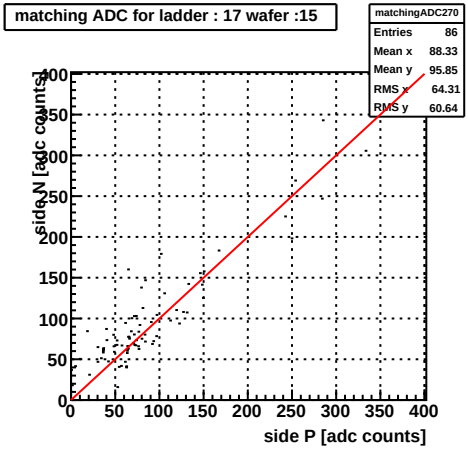

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 65
Mean x 75.75
Mean y 96.66
RMS x 54.35
RMS y 57.45
side N [adc counts]
side P [adc counts]

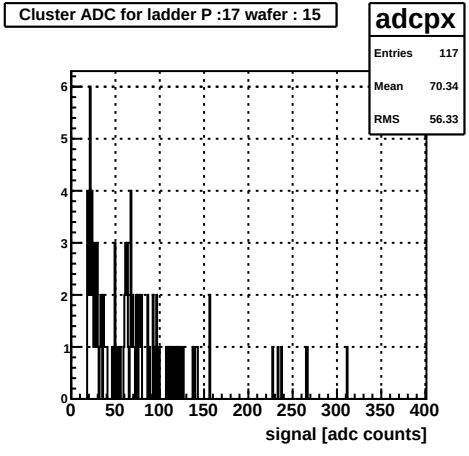

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 85
Mean 62
RMS 50.26
signal [adc counts]

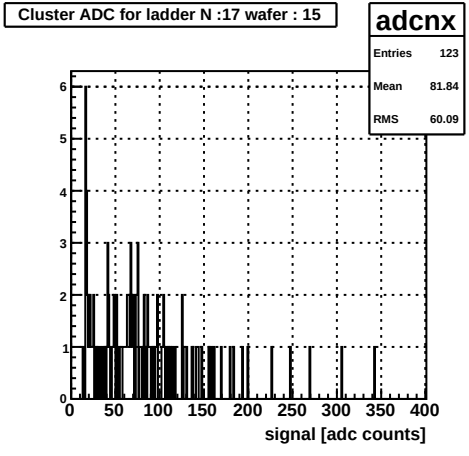

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 85
Mean 85.57
RMS 65.7
signal [adc counts]

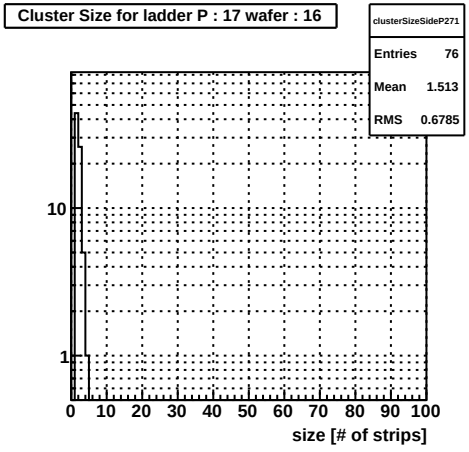

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 117
Mean 1.342
RMS 0.5871
size [# of strips]

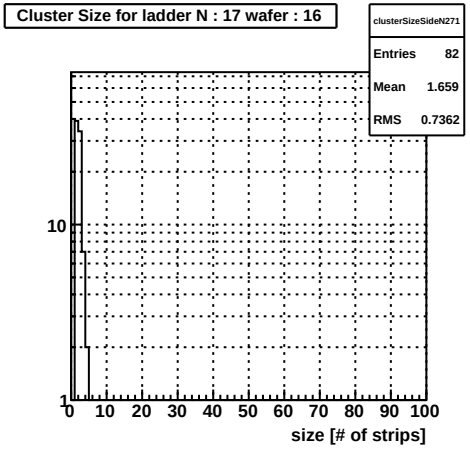

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 123
Mean 1.593
RMS 0.8248
size [# of strips]

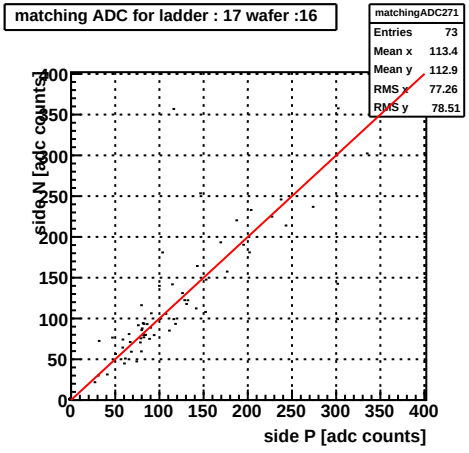

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 86
Mean x 88.33
Mean y 95.85
RMS x 64.31
RMS y 60.64
side N [adc counts]
side P [adc counts]

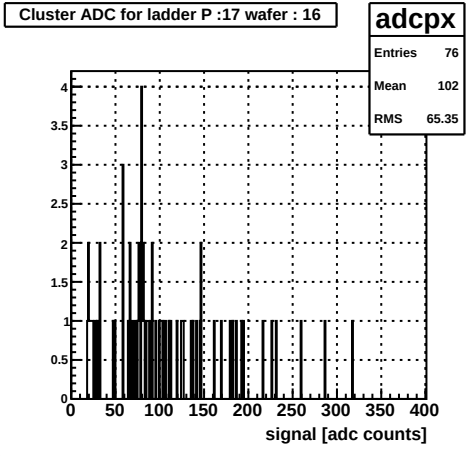

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 117
Mean 70.34
RMS 56.33
signal [adc counts]

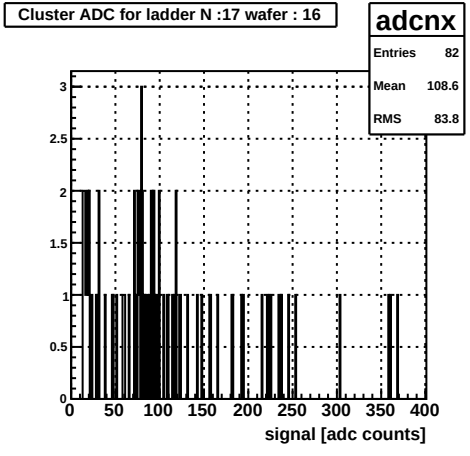

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 123
Mean 81.84
RMS 60.09
signal [adc counts]

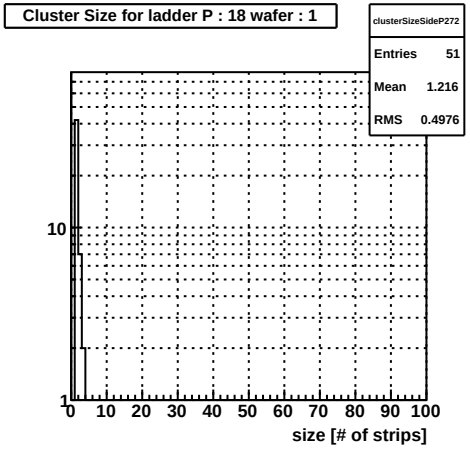

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 76
Mean 1.513
RMS 0.6785
size [# of strips]

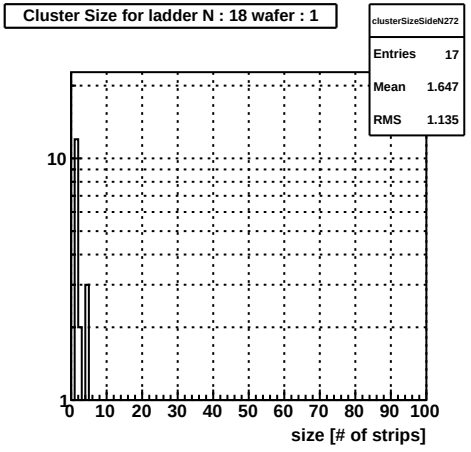

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 82
Mean 1.659
RMS 0.7362
size [# of strips]

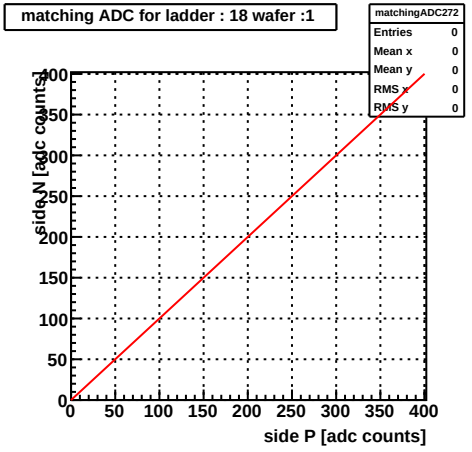

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 73
Mean x 113.4
Mean y 112.9
RMS x 77.26
RMS y 78.51
side N [adc counts]
side P [adc counts]

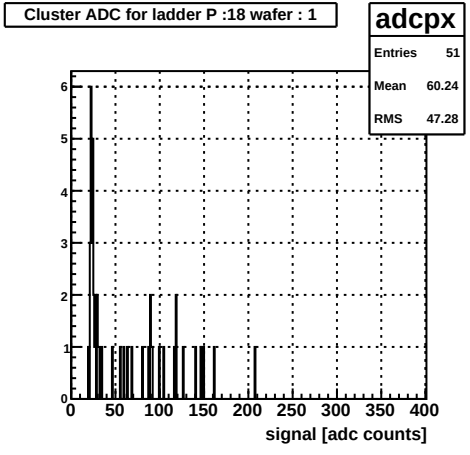

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 76
Mean 102
RMS 65.35
signal [adc counts]

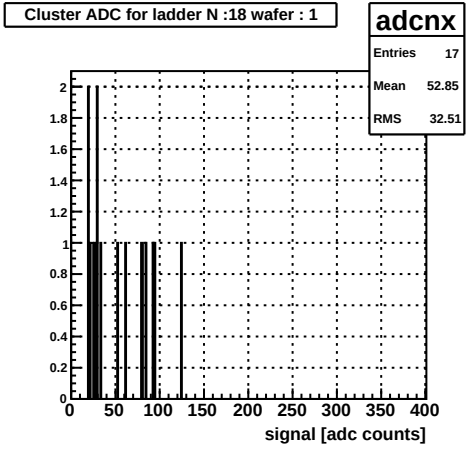

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 82
Mean 108.6
RMS 83.8
signal [adc counts]

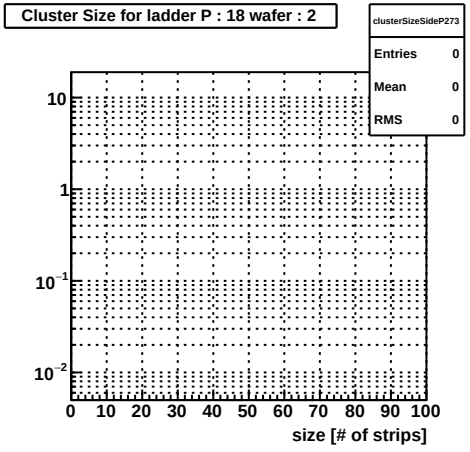

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 51
Mean 1.216
RMS 0.4976
size [# of strips]

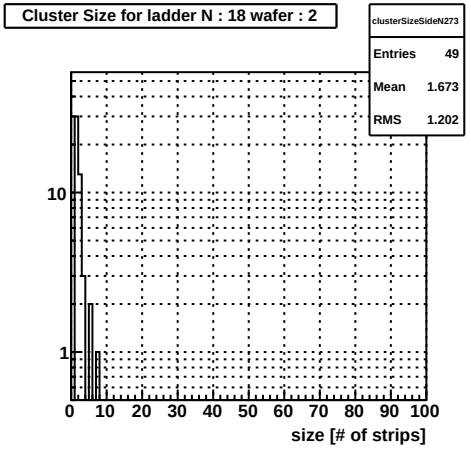

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 17
Mean 1.647
RMS 1.135
size [# of strips]

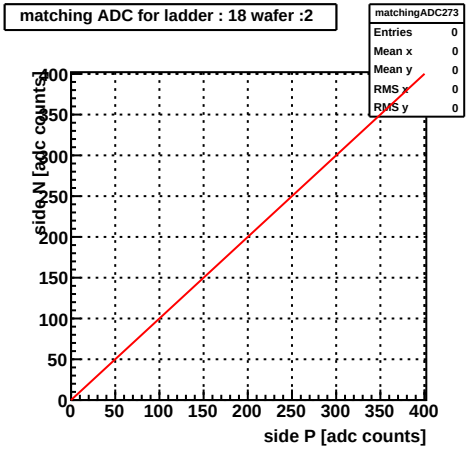

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

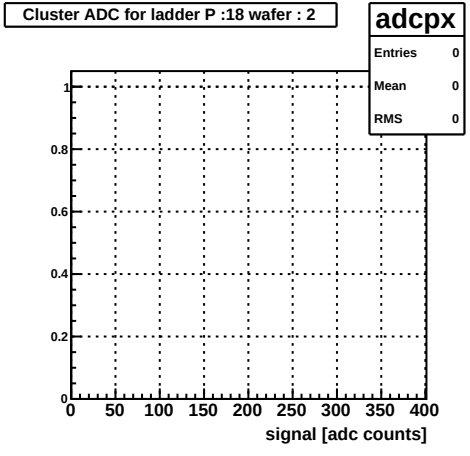

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 51
Mean 60.24
RMS 47.28
signal [adc counts]

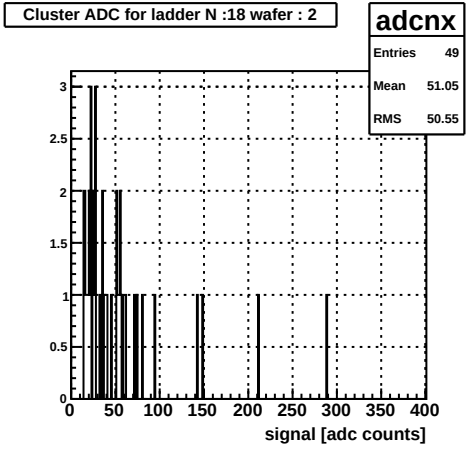

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 17
Mean 52.85
RMS 32.51
signal [adc counts]

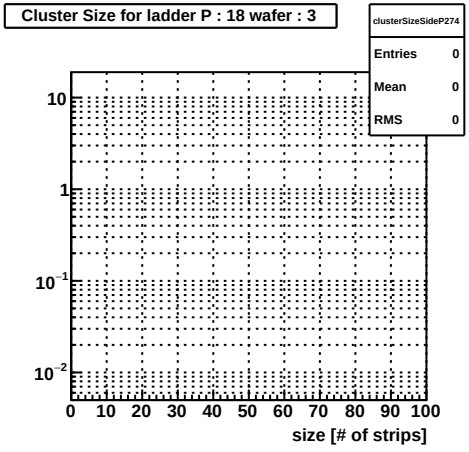

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

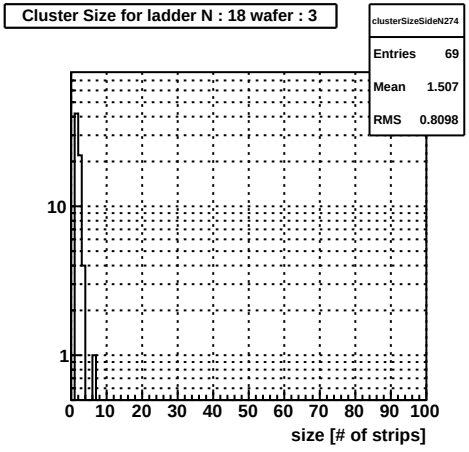

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 49
Mean 1.673
RMS 1.202
size [# of strips]

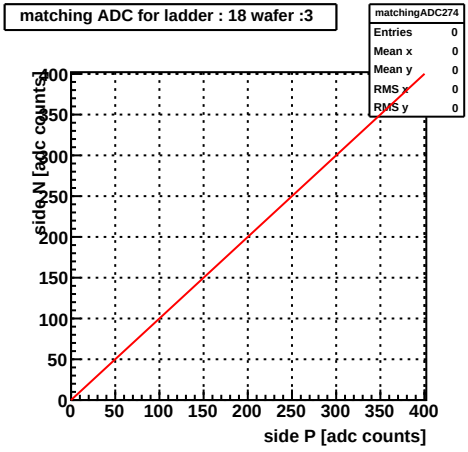

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

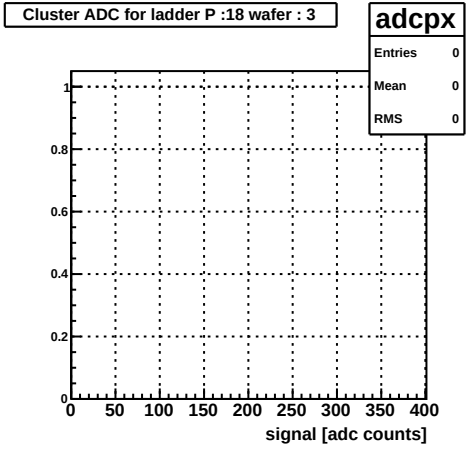

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

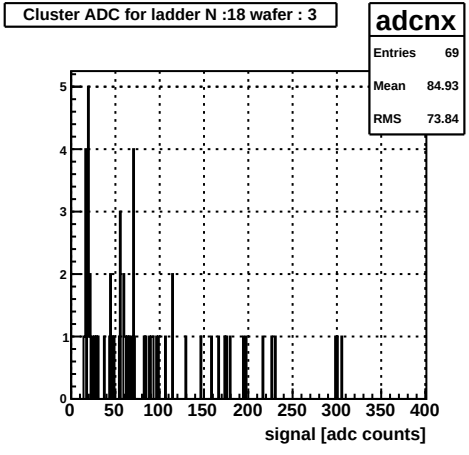

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 49
Mean 51.05
RMS 50.55
signal [adc counts]

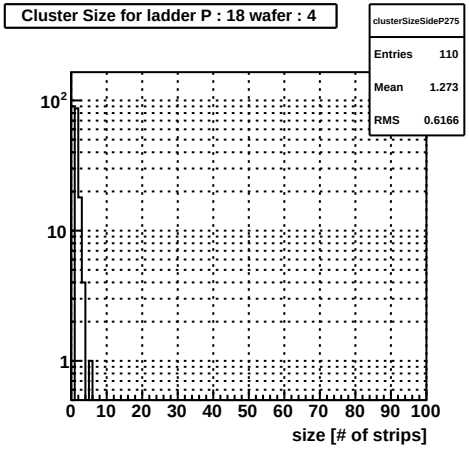

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

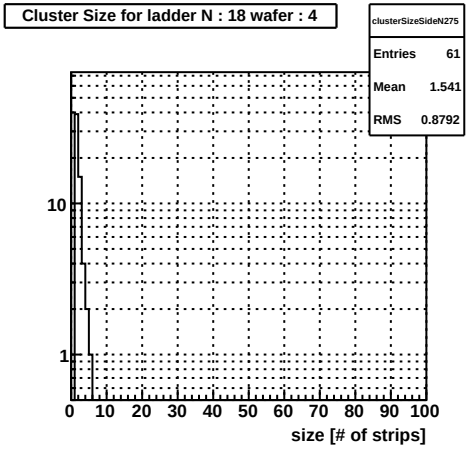

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 69
Mean 1.507
RMS 0.8098
size [# of strips]

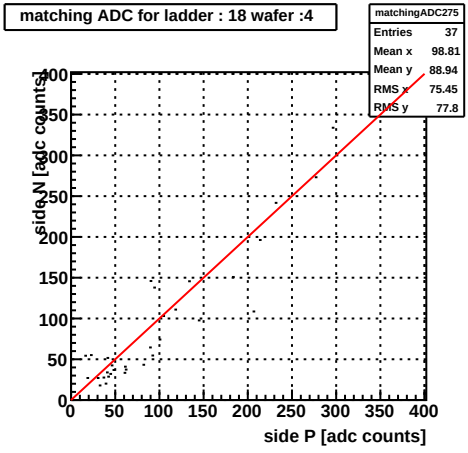

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

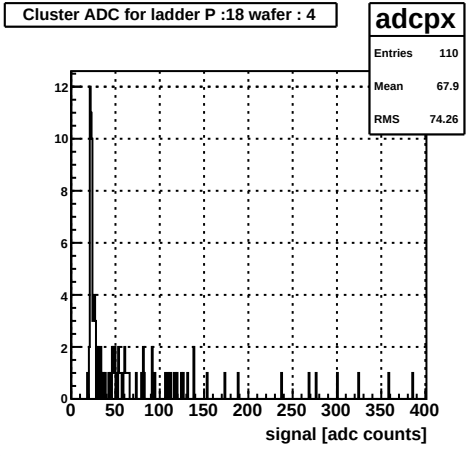

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

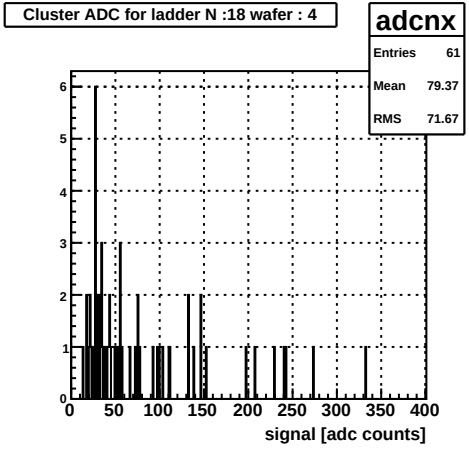

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 69
Mean 84.93
RMS 73.84
signal [adc counts]

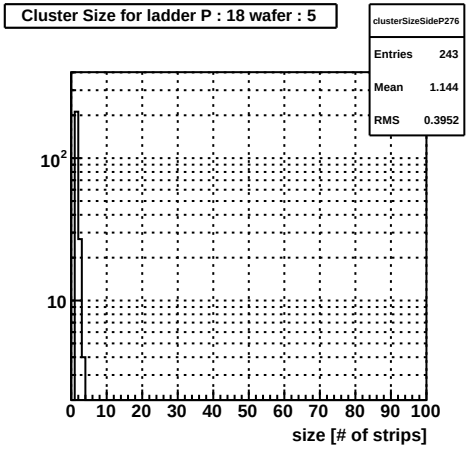

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 110
Mean 1.273
RMS 0.6166
size [# of strips]

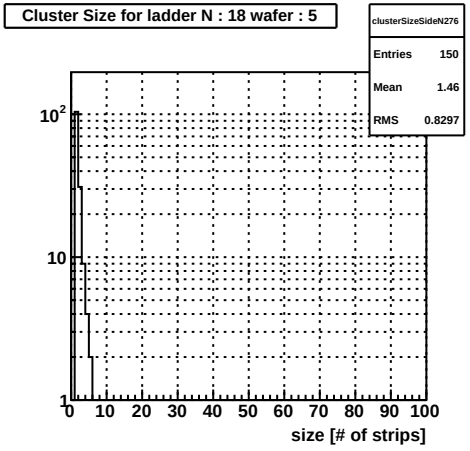

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 61
Mean 1.541
RMS 0.8792
size [# of strips]

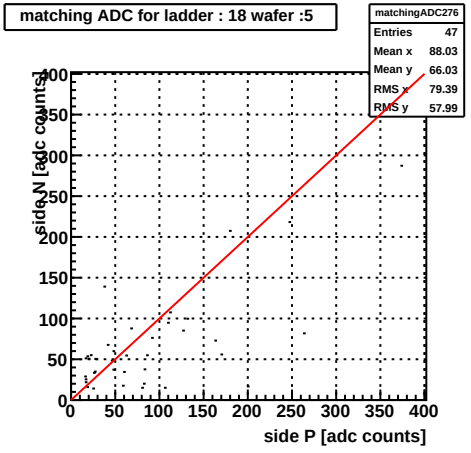

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 37
Mean x 98.81
Mean y 88.94
RMS x 75.45
RMS y 77.8
side N [adc counts]
side P [adc counts]

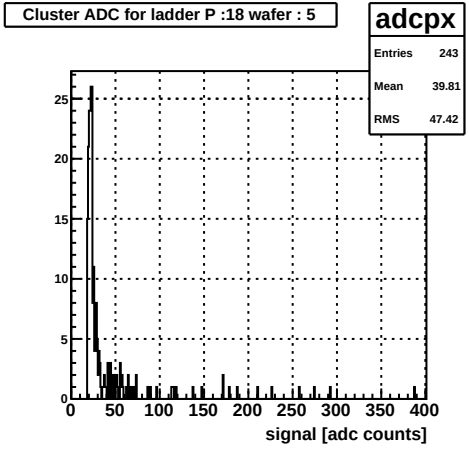

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 110
Mean 67.9
RMS 74.26
signal [adc counts]

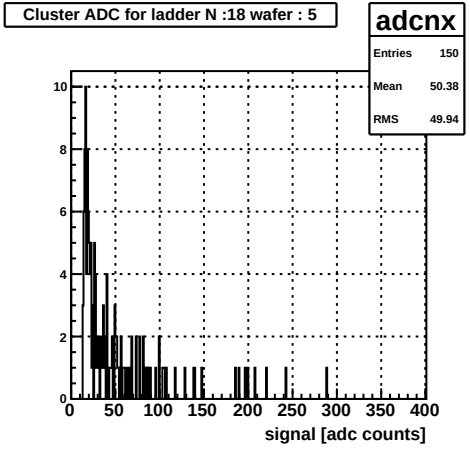

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 61
Mean 79.37
RMS 71.67
signal [adc counts]

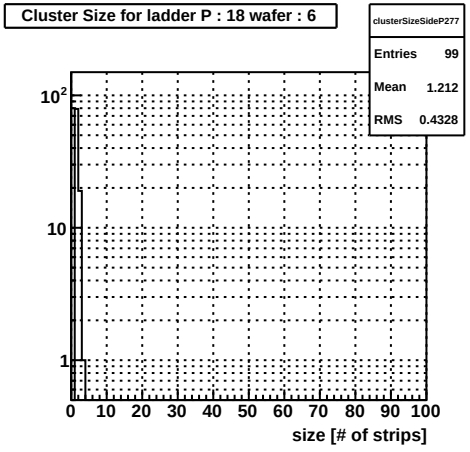

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 243
Mean 1.144
RMS 0.3952
size [# of strips]

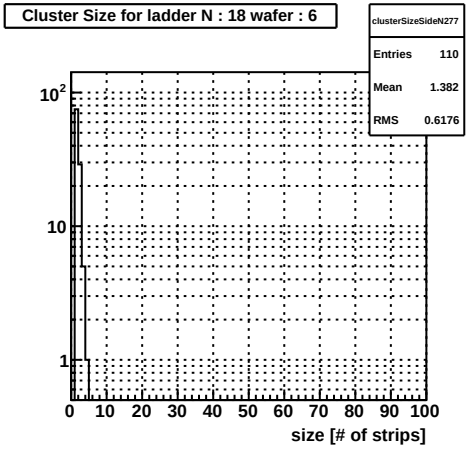

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 150
Mean 1.46
RMS 0.8297
size [# of strips]

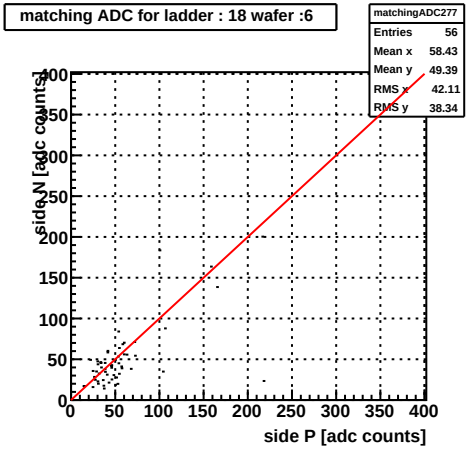

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 47
Mean x 88.03
Mean y 66.03
RMS x 79.39
RMS y 57.99
side N [adc counts]
side P [adc counts]

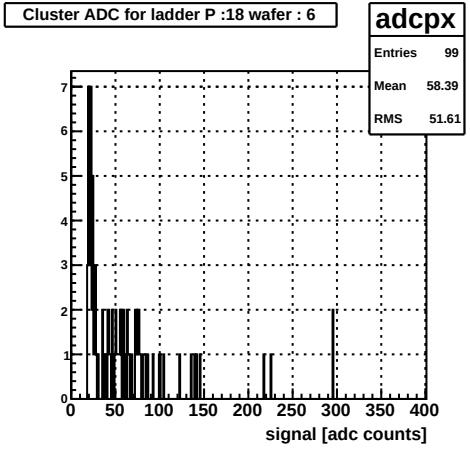

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 243
Mean 39.81
RMS 47.42
signal [adc counts]

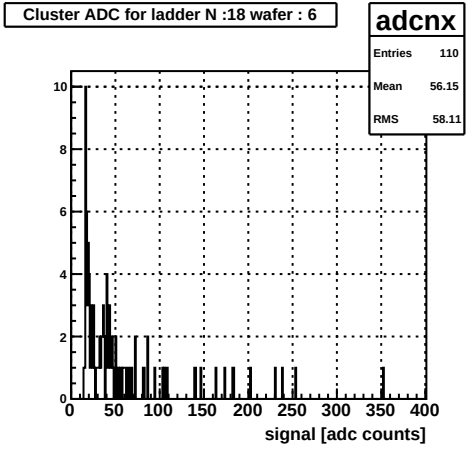

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 150
Mean 50.38
RMS 49.94
signal [adc counts]

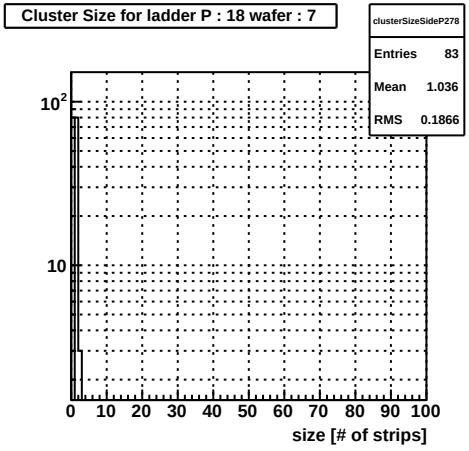

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 99
Mean 1.212
RMS 0.4328
size [# of strips]

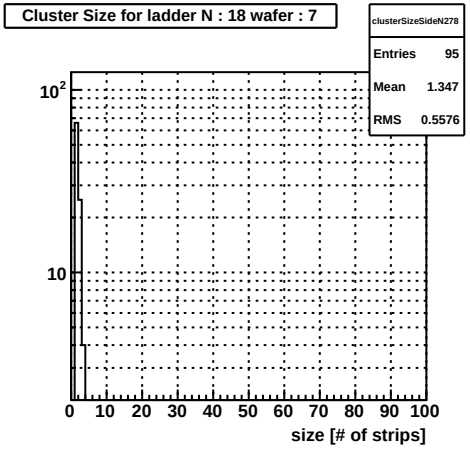

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 110
Mean 1.382
RMS 0.6176
size [# of strips]

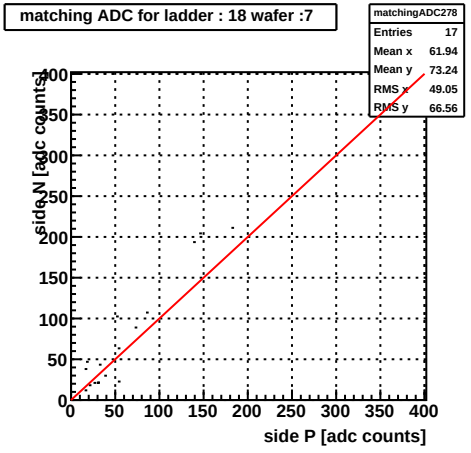

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 56
Mean x 58.43
Mean y 49.39
RMS x 42.11
RMS y 38.34
side N [adc counts]
side P [adc counts]

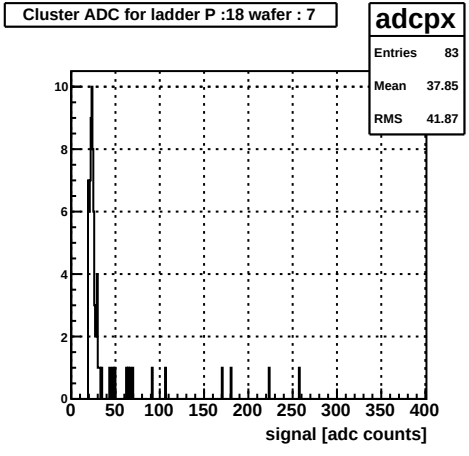

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 99
Mean 58.39
RMS 51.61
signal [adc counts]

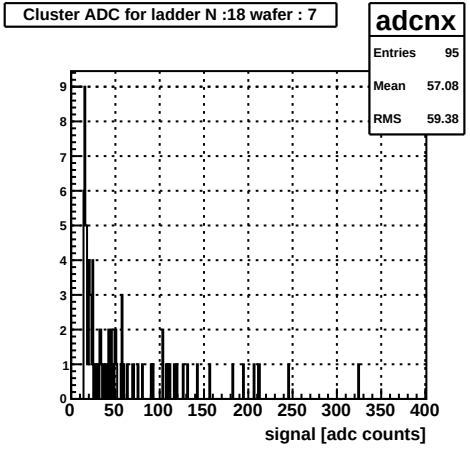

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 110
Mean 56.15
RMS 58.11
signal [adc counts]

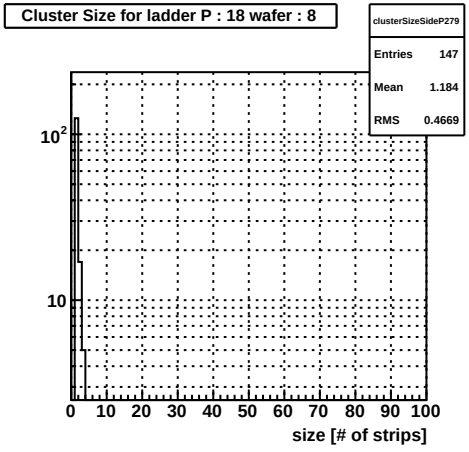

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 83
Mean 1.036
RMS 0.1866
size [# of strips]

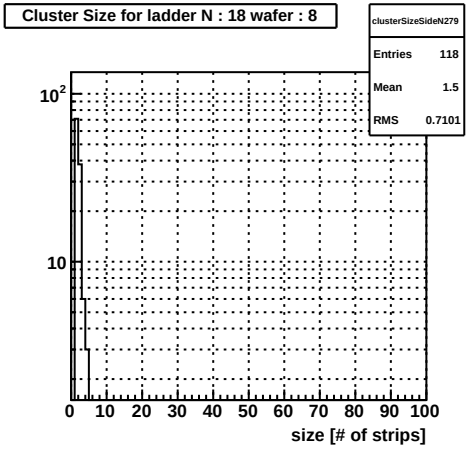

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 95
Mean 1.347
RMS 0.5576
size [# of strips]

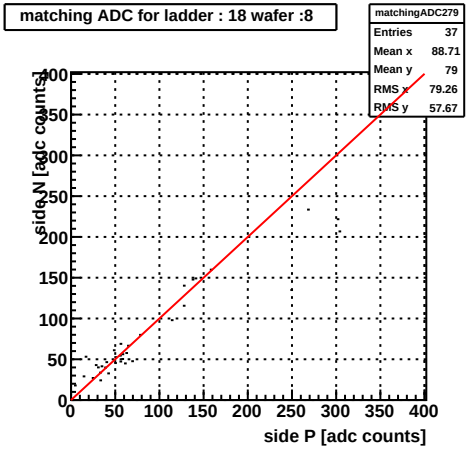

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 17
Mean x 61.94
Mean y 73.24
RMS x 49.05
RMS y 66.56
side N [adc counts]
side P [adc counts]

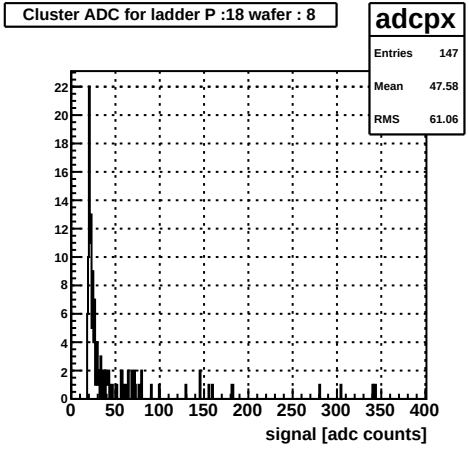

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 83
Mean 37.85
RMS 41.87
signal [adc counts]

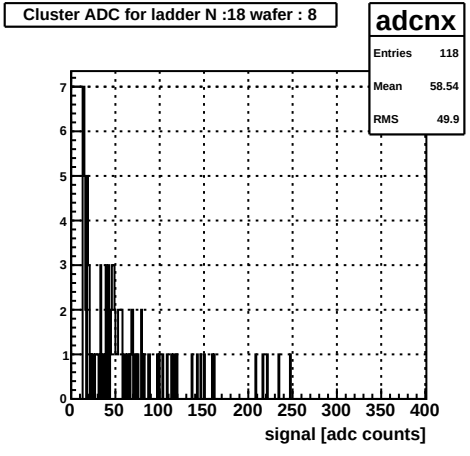

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 95
Mean 57.08
RMS 59.38
signal [adc counts]

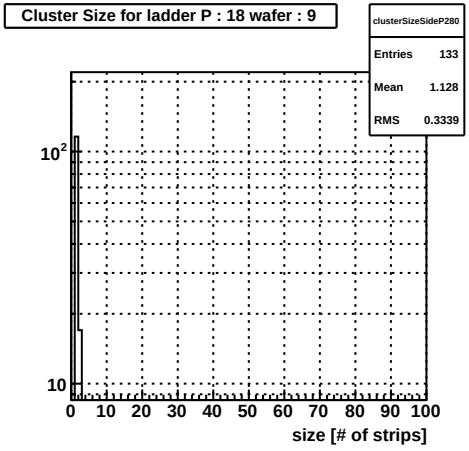

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 147
Mean 1.184
RMS 0.4669
size [# of strips]

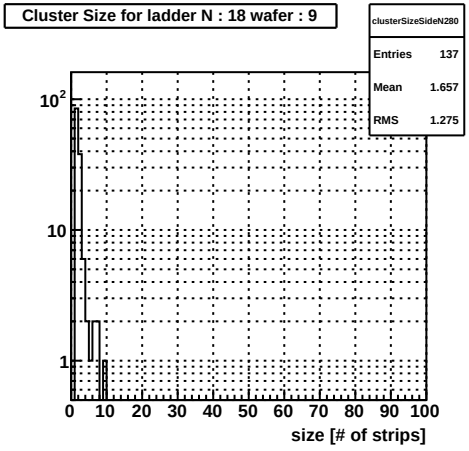

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 118
Mean 1.5
RMS 0.7101
size [# of strips]

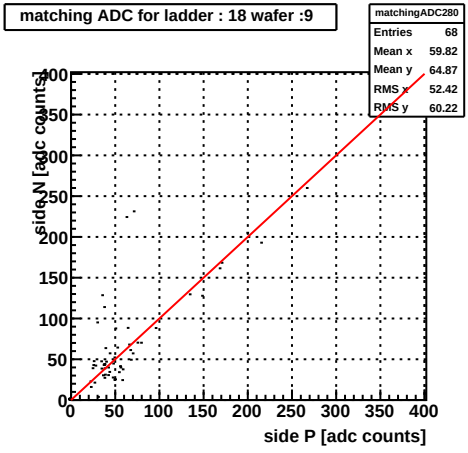

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 37
Mean x 88.71
Mean y 79
RMS x 79.26
RMS y 57.67
side N [adc counts]
side P [adc counts]

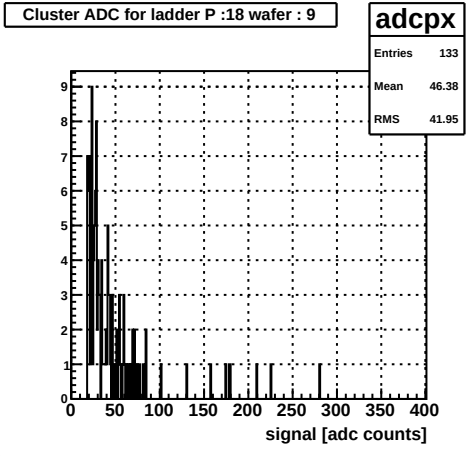

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 147
Mean 47.58
RMS 61.06
signal [adc counts]

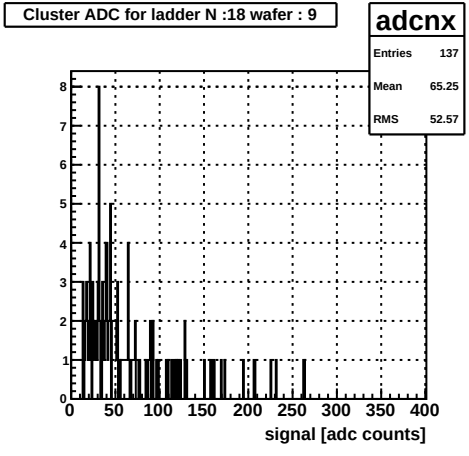

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 118
Mean 58.54
RMS 49.9
signal [adc counts]

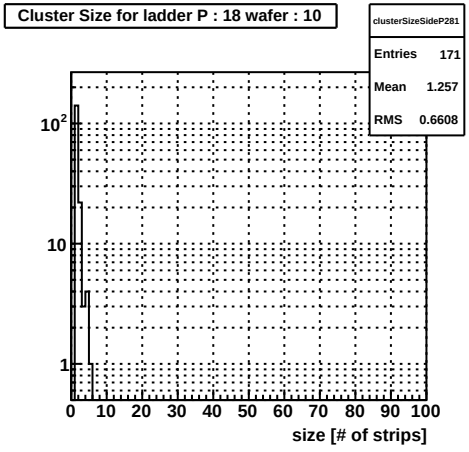

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 133
Mean 1.128
RMS 0.3339
size [# of strips]

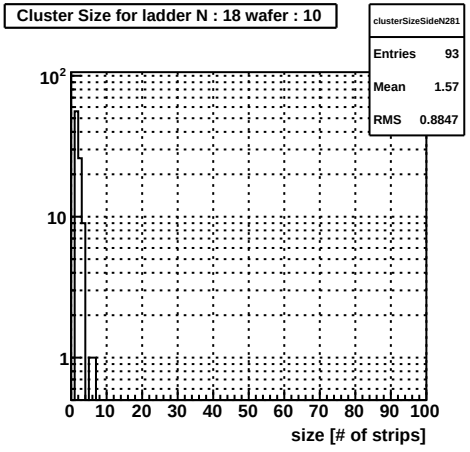

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 137
Mean 1.657
RMS 1.275
size [# of strips]

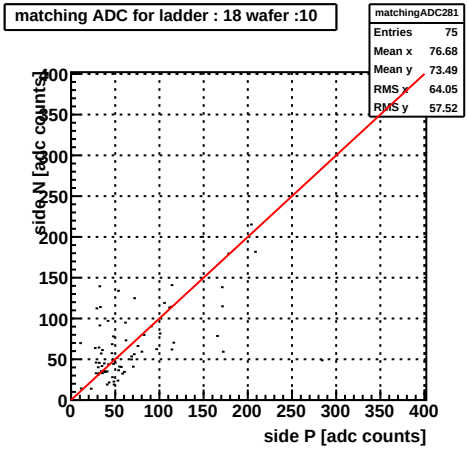

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 68
Mean x 59.82
Mean y 64.87
RMS x 52.42
RMS y 60.22
side N [adc counts]
side P [adc counts]

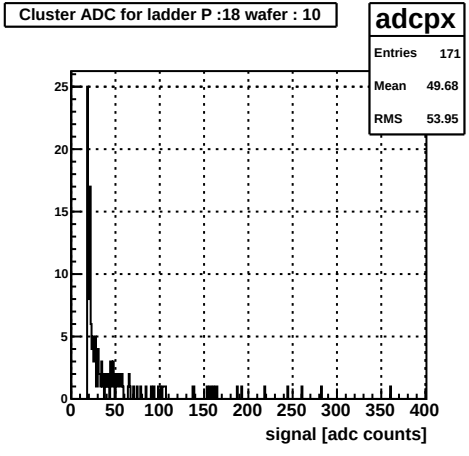

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 133
Mean 46.38
RMS 41.95
signal [adc counts]

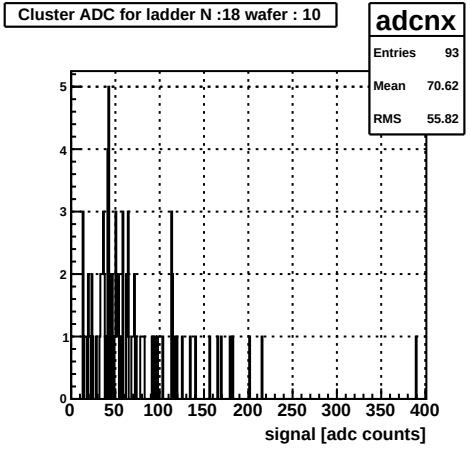

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 137
Mean 65.25
RMS 52.57
signal [adc counts]

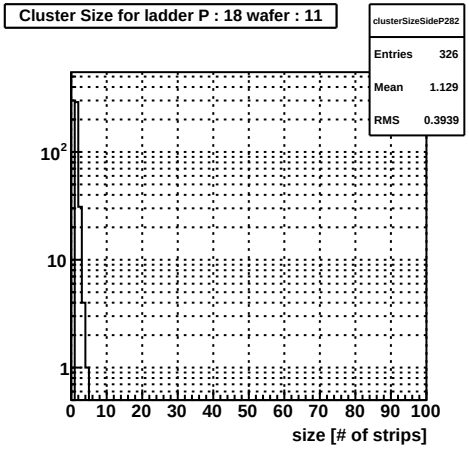

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 171
Mean 1.257
RMS 0.6608
size [# of strips]

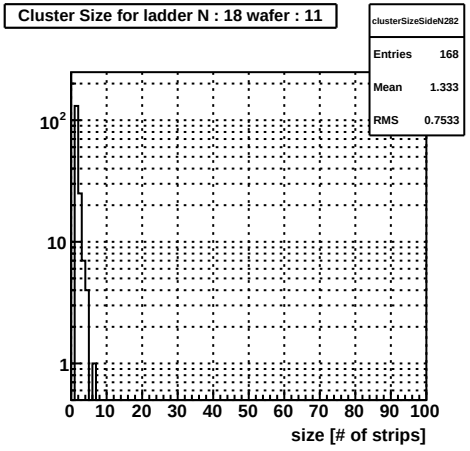

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 93
Mean 1.57
RMS 0.8847
size [# of strips]

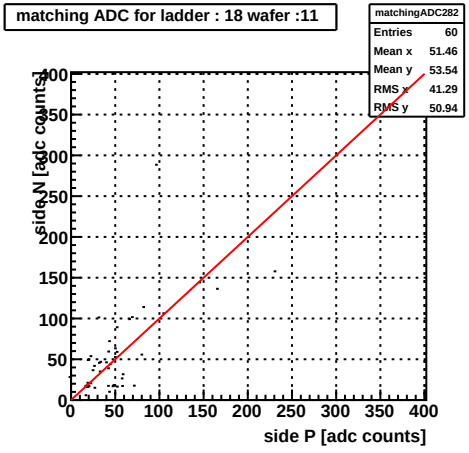

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 75
Mean x 76.68
Mean y 73.49
RMS x 64.05
RMS y 57.52
side N [adc counts]
side P [adc counts]

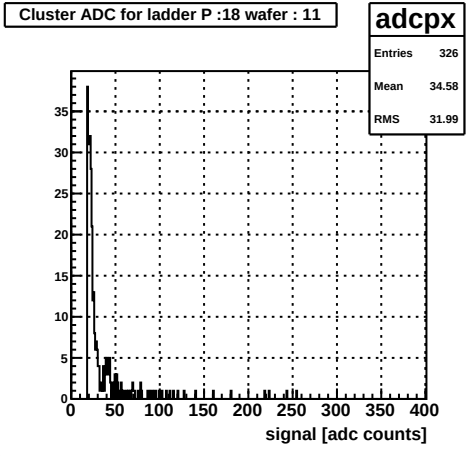

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 171
Mean 49.68
RMS 53.95
signal [adc counts]

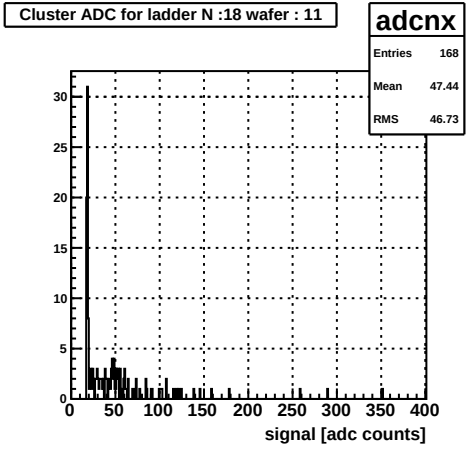

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 93
Mean 70.62
RMS 55.82
signal [adc counts]

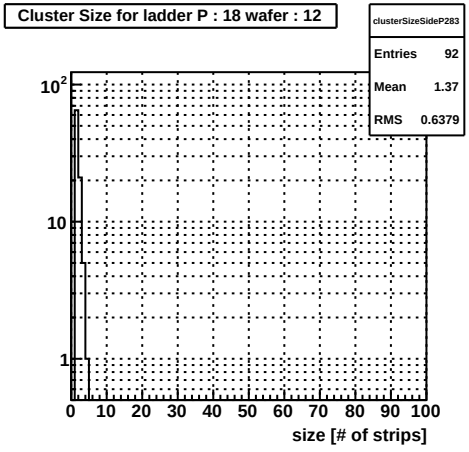

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 326
Mean 1.129
RMS 0.3939
size [# of strips]

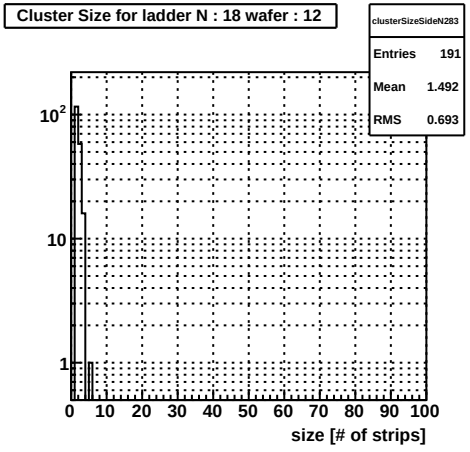

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 168
Mean 1.333
RMS 0.7533
size [# of strips]

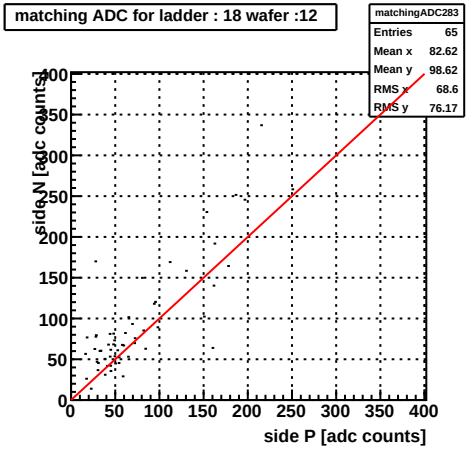

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 60
Mean x 51.46
Mean y 53.54
RMS x 41.29
RMS y 50.94
side N [adc counts]
side P [adc counts]

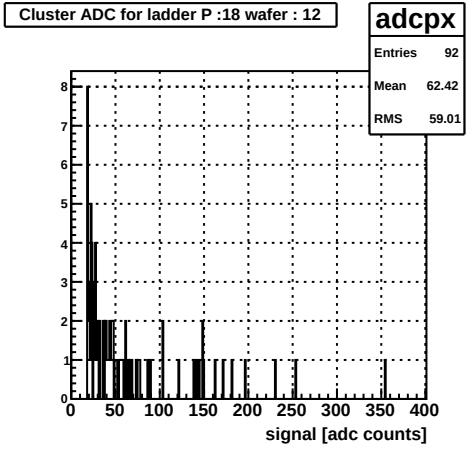

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 326
Mean 34.58
RMS 31.99
signal [adc counts]

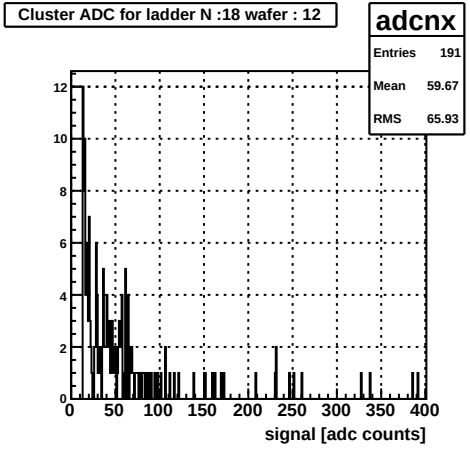

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 168
Mean 47.44
RMS 46.73
signal [adc counts]

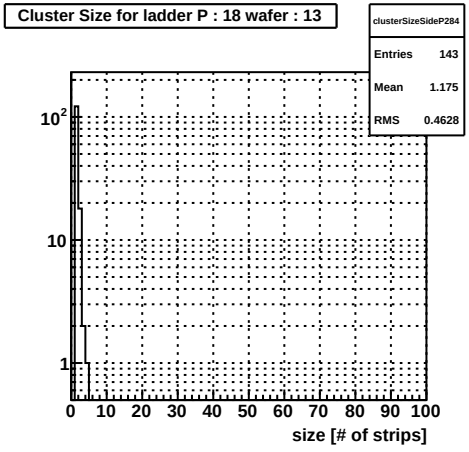

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 92
Mean 1.37
RMS 0.6379
size [# of strips]

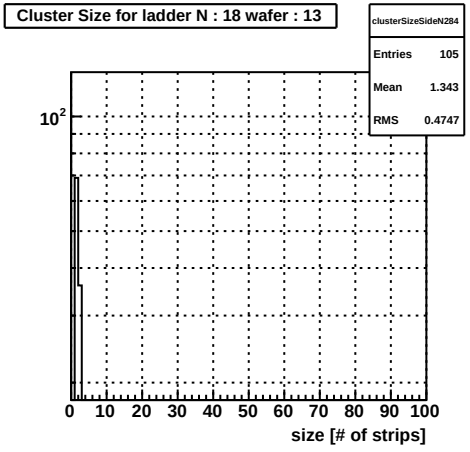

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 191
Mean 1.492
RMS 0.693
size [# of strips]

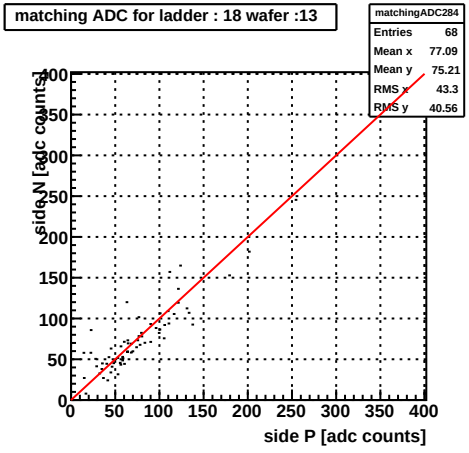

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 65
Mean x 82.62
Mean y 98.62
RMS x 68.6
RMS y 76.17
side N [adc counts]
side P [adc counts]

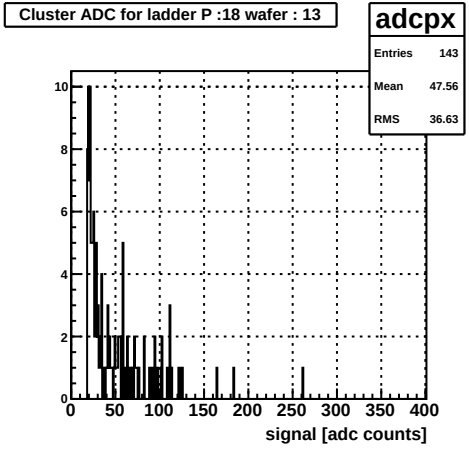

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 92
Mean 62.42
RMS 59.01
signal [adc counts]

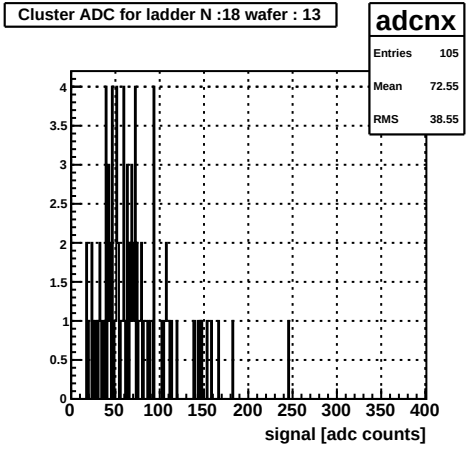

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 191
Mean 59.67
RMS 65.93
signal [adc counts]

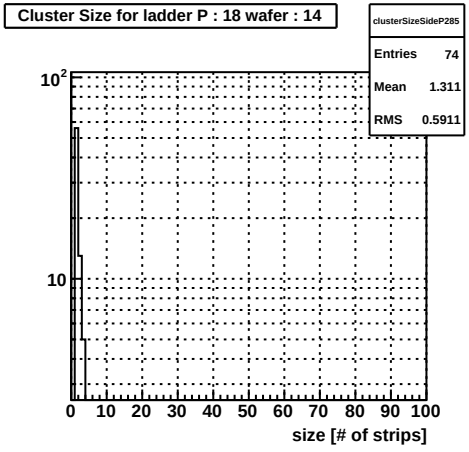

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 143
Mean 1.175
RMS 0.4628
size [# of strips]

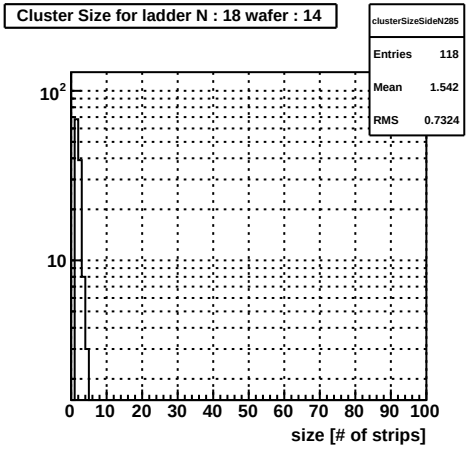

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 105
Mean 1.343
RMS 0.4747
size [# of strips]

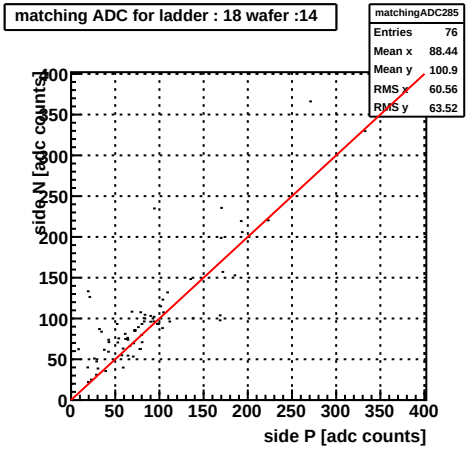

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 68
Mean x 77.09
Mean y 75.21
RMS x 43.3
RMS y 40.56
side N [adc counts]
side P [adc counts]

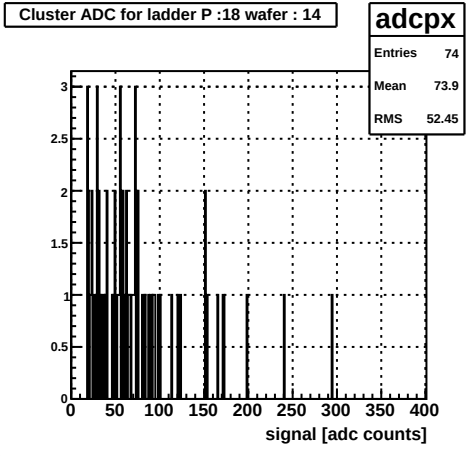

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 143
Mean 47.56
RMS 36.63
signal [adc counts]

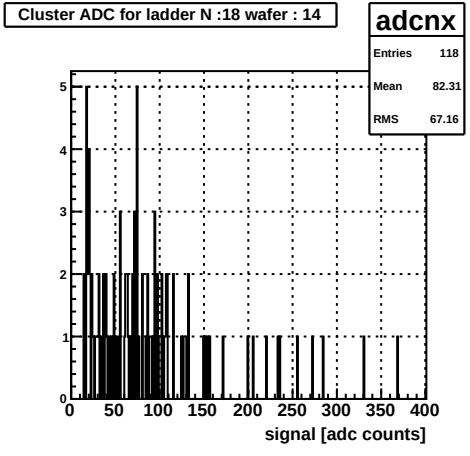

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 105
Mean 72.55
RMS 38.55
signal [adc counts]

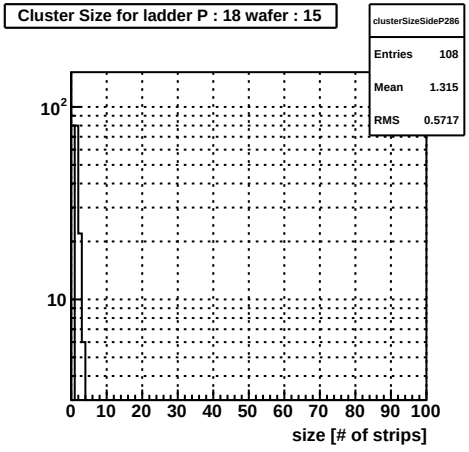

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 74
Mean 1.311
RMS 0.5911
size [# of strips]

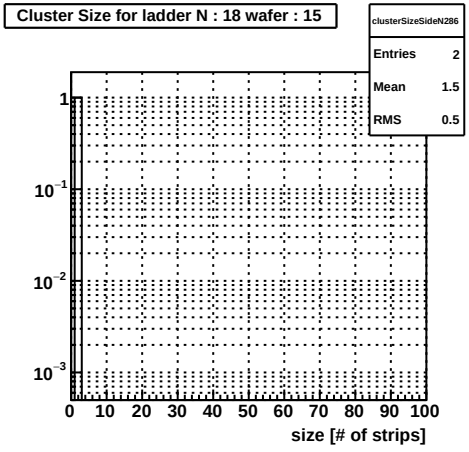

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 118
Mean 1.542
RMS 0.7324
size [# of strips]

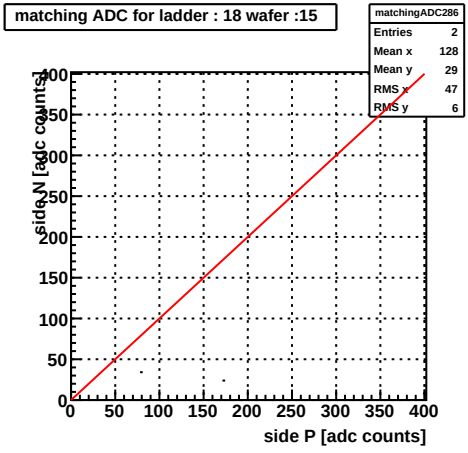

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 76
Mean x 88.44
Mean y 100.9
RMS x 60.56
RMS y 63.52
side N [adc counts]
side P [adc counts]

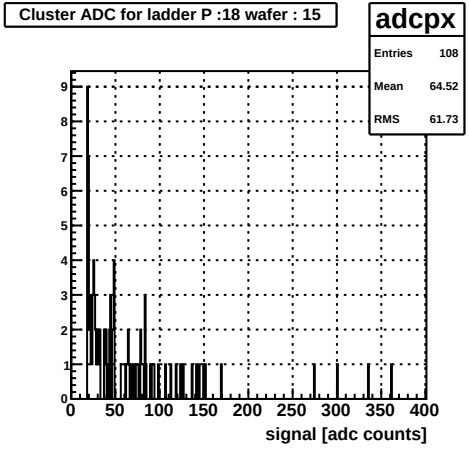

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 74
Mean 73.9
RMS 52.45
signal [adc counts]

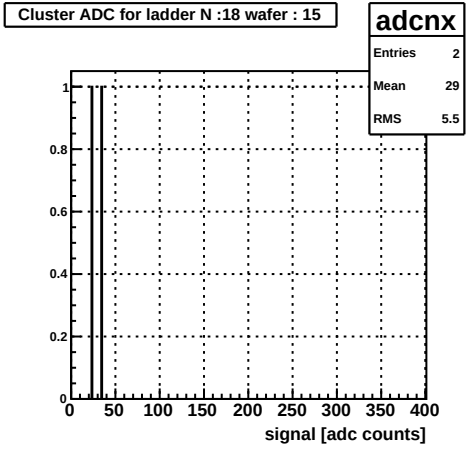

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 118
Mean 82.31
RMS 67.16
signal [adc counts]

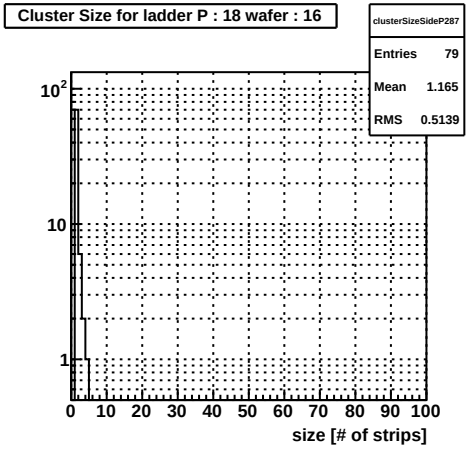

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 108
Mean 1.315
RMS 0.5717
size [# of strips]

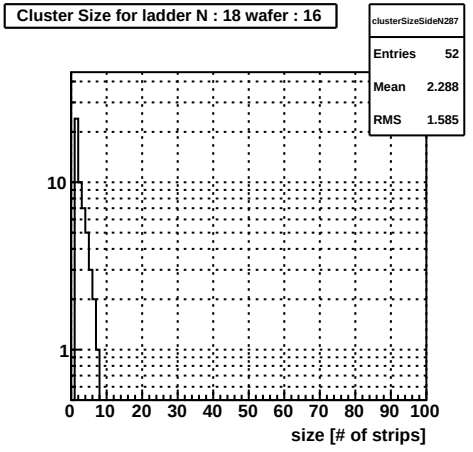

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 2
Mean 1.5
RMS 0.5
size [# of strips]

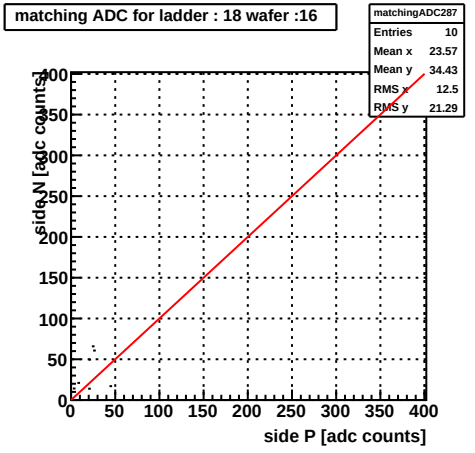

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 2
Mean x 128
Mean y 29
RMS x 47
RMS y 6
side N [adc counts]
side P [adc counts]

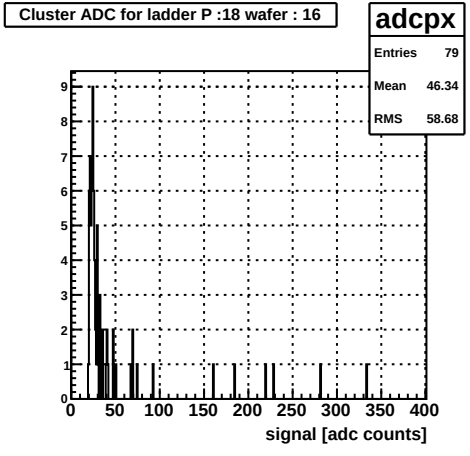

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 108
Mean 64.52
RMS 61.73
signal [adc counts]

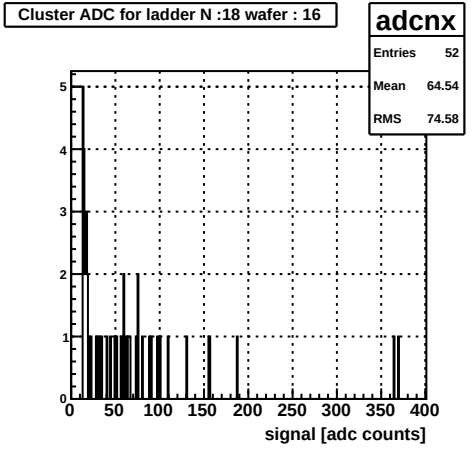

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 2
Mean 29
RMS 5.5
signal [adc counts]

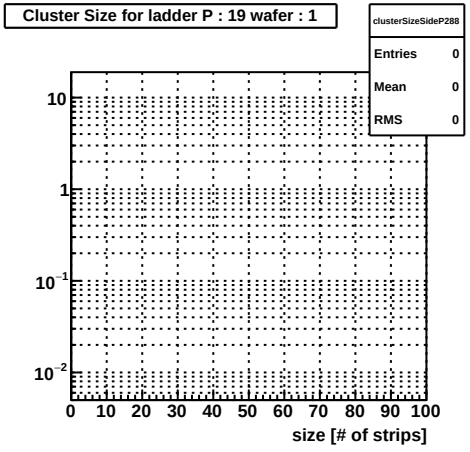

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 79
Mean 1.165
RMS 0.5139
size [# of strips]

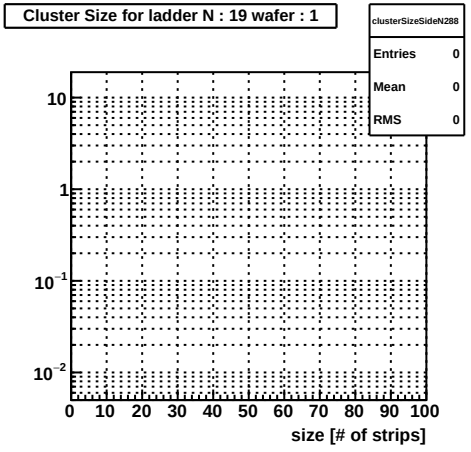

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 52
Mean 2.288
RMS 1.585
size [# of strips]

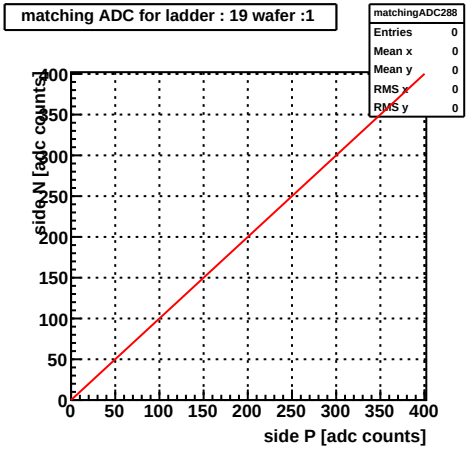

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 10
Mean x 23.57
Mean y 34.43
RMS x 12.5
RMS y 21.29
side N [adc counts]
side P [adc counts]

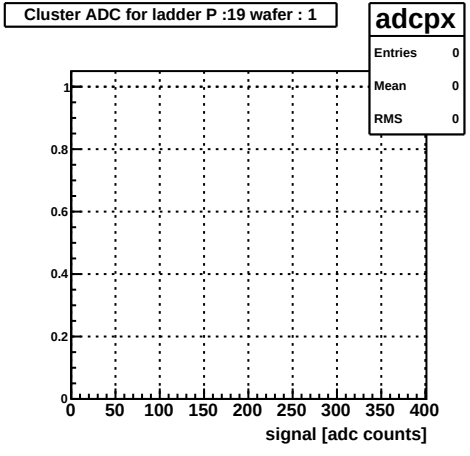

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 79
Mean 46.34
RMS 58.68
signal [adc counts]

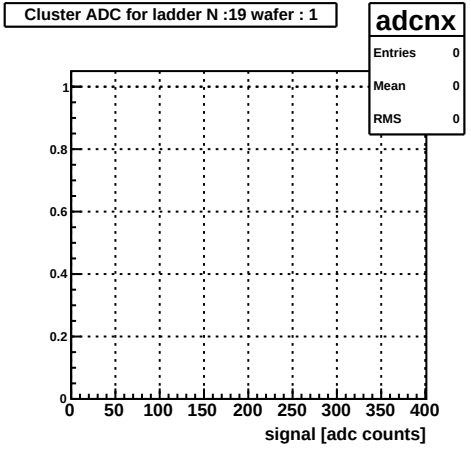

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 52
Mean 64.54
RMS 74.58
signal [adc counts]

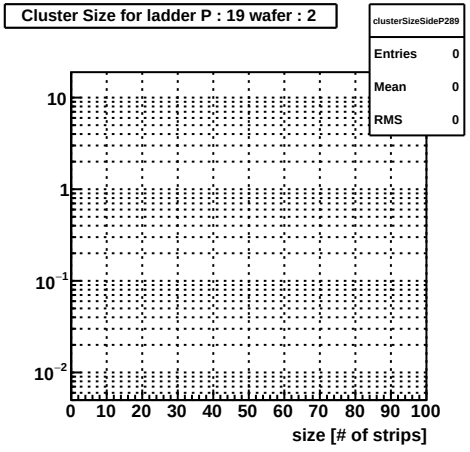

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

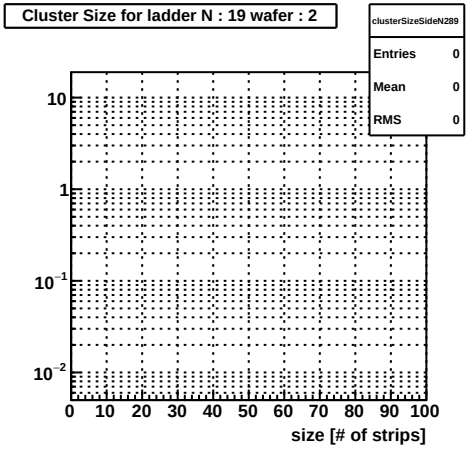

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

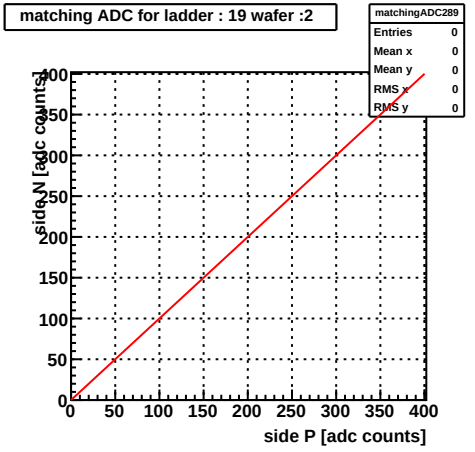

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

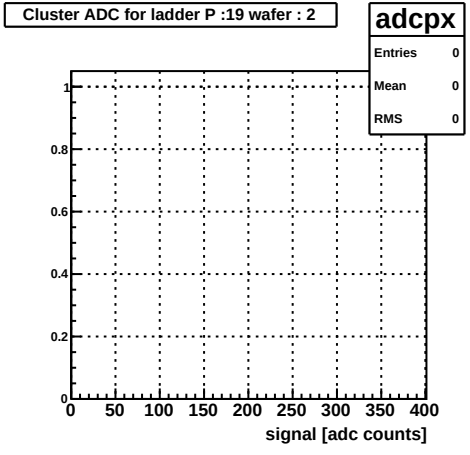

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

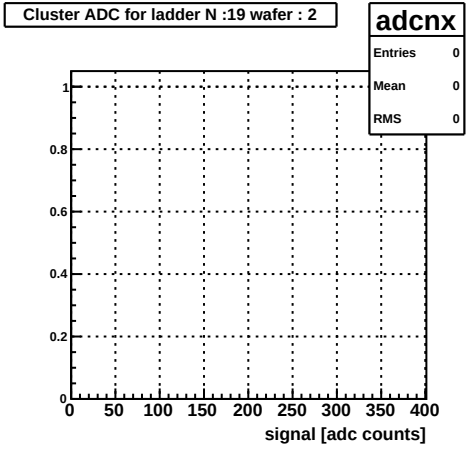

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

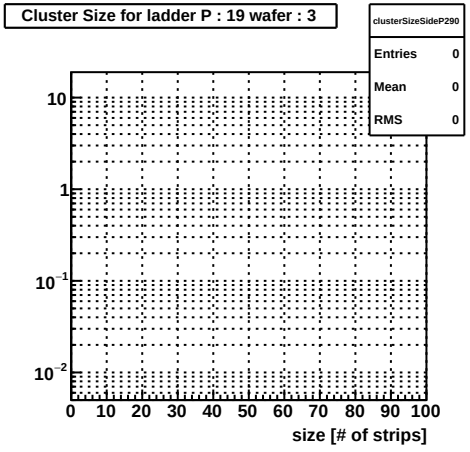

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

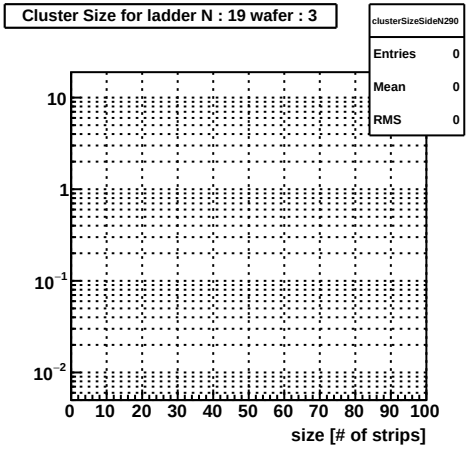

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

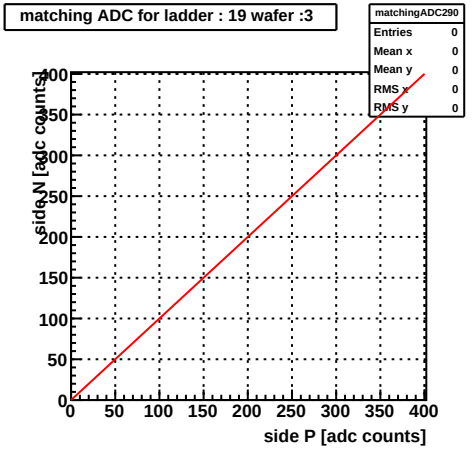

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

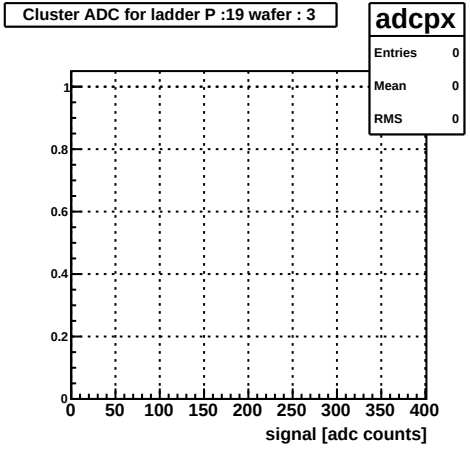

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

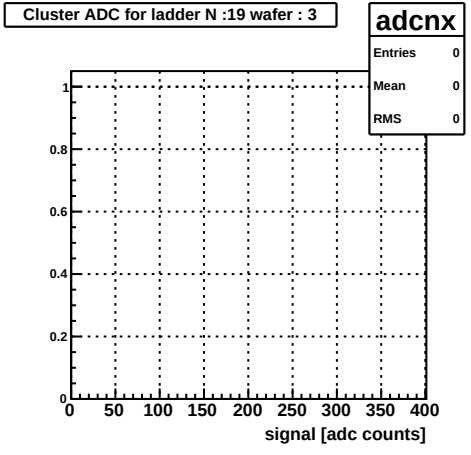

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

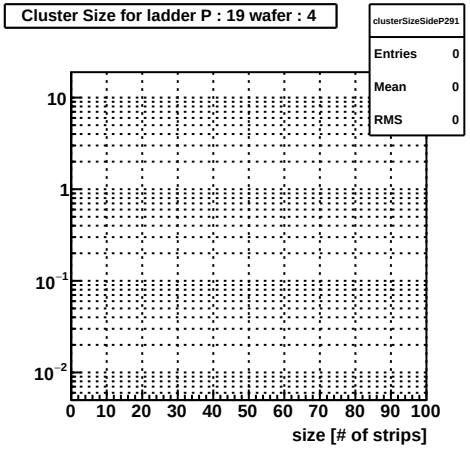

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

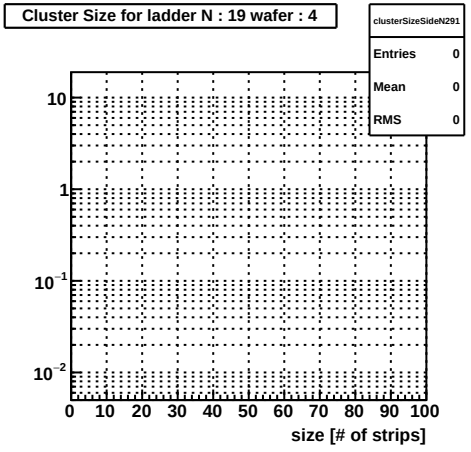

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

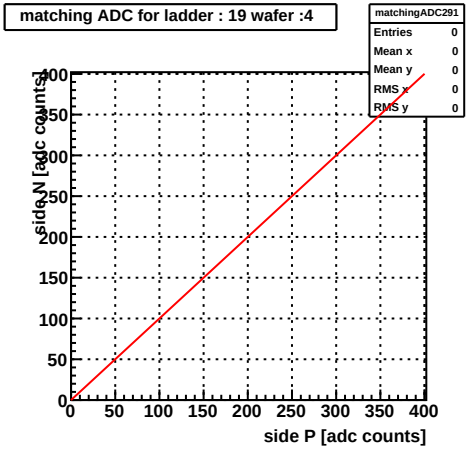

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

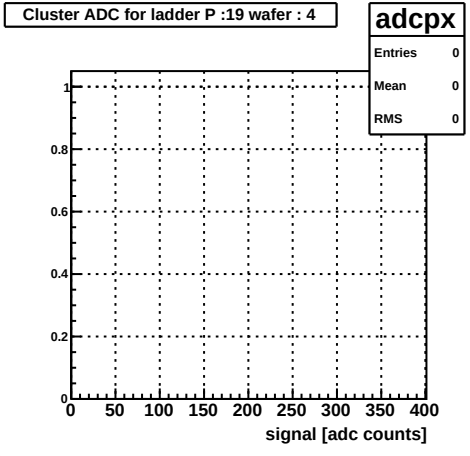

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

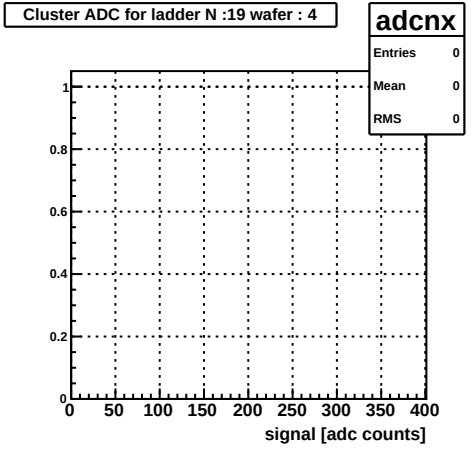

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

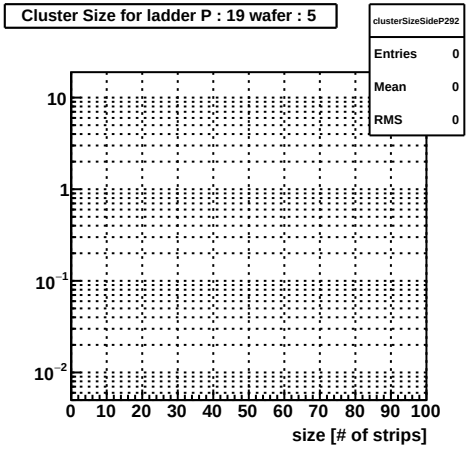

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

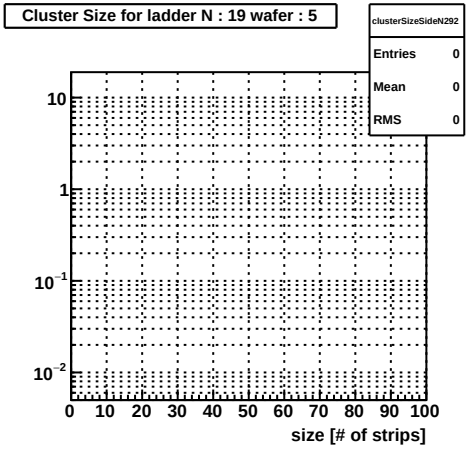

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

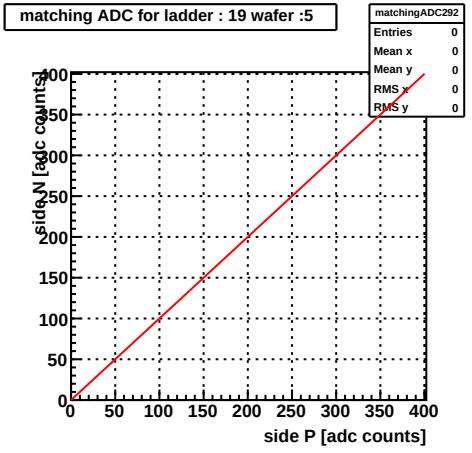

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

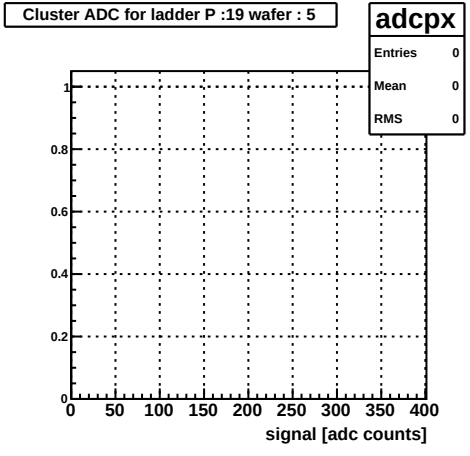

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

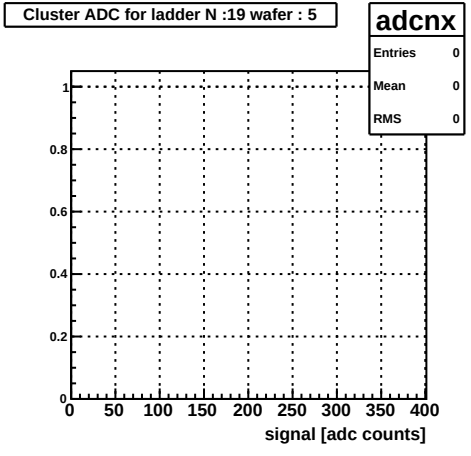

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

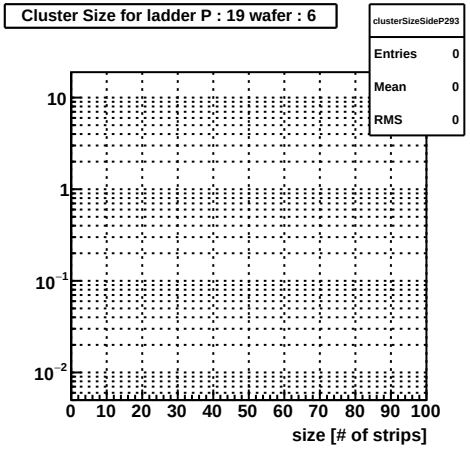

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

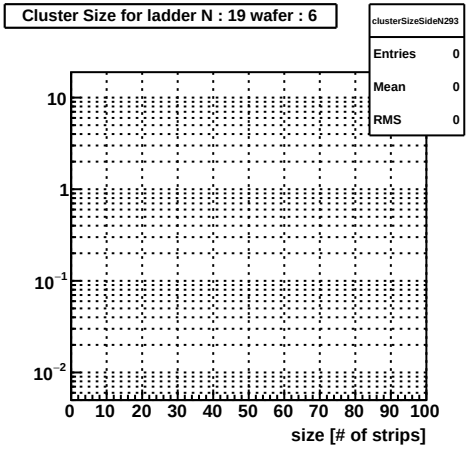

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

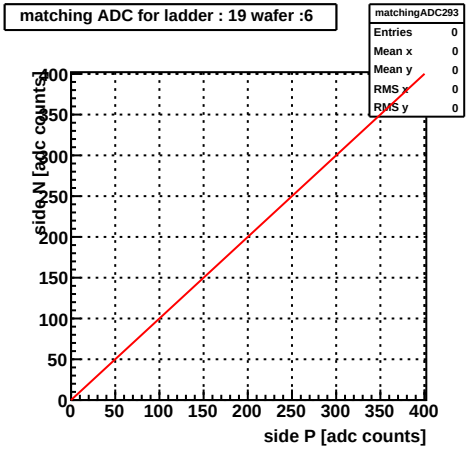

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

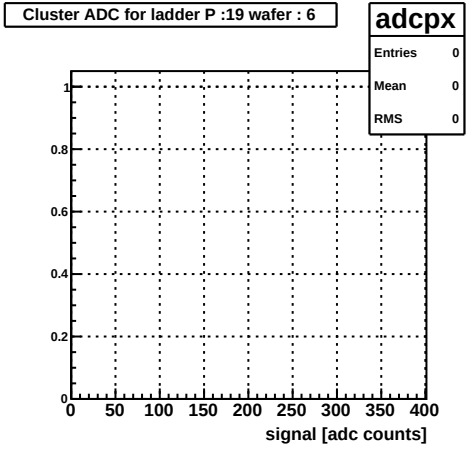

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

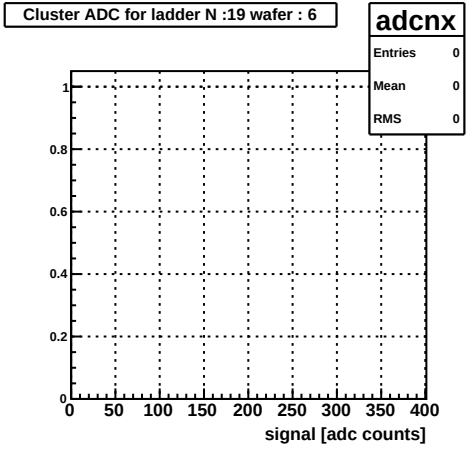

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

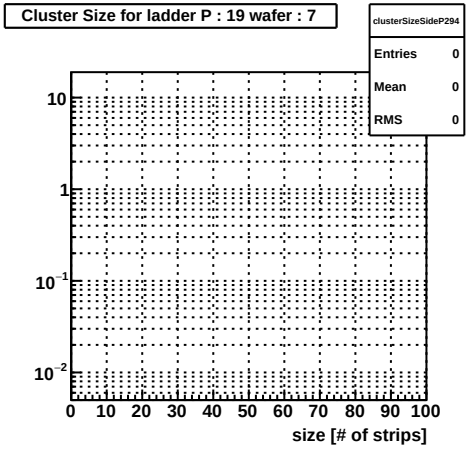

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

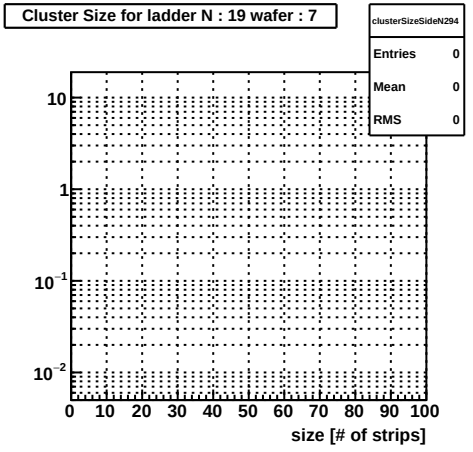

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

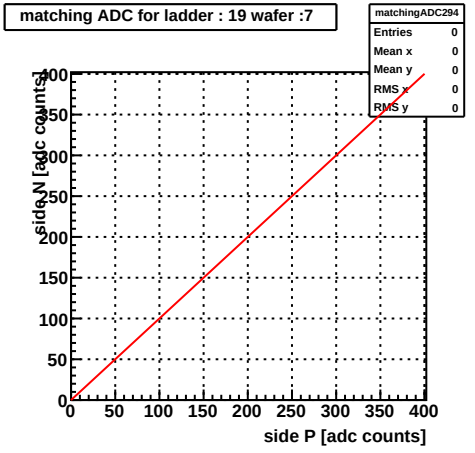

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

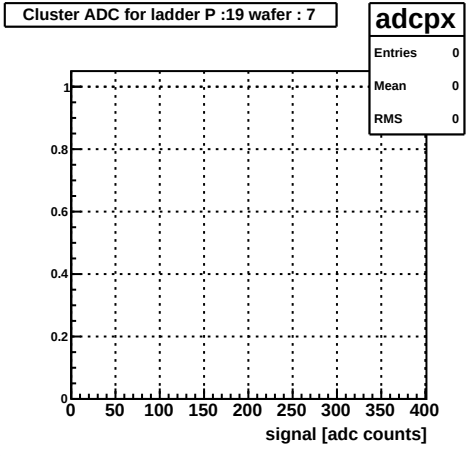

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

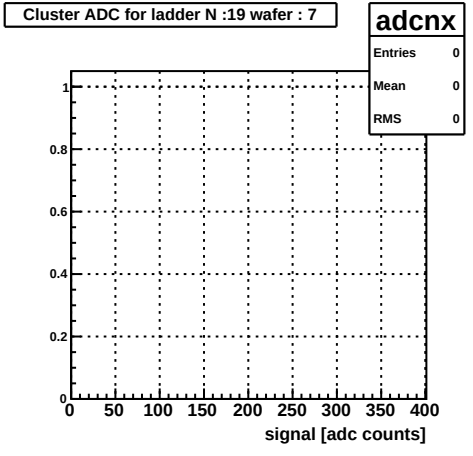

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

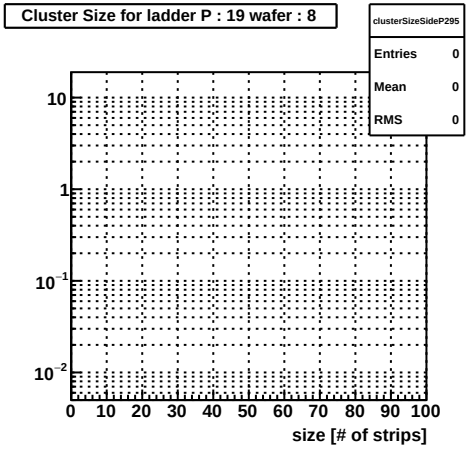

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

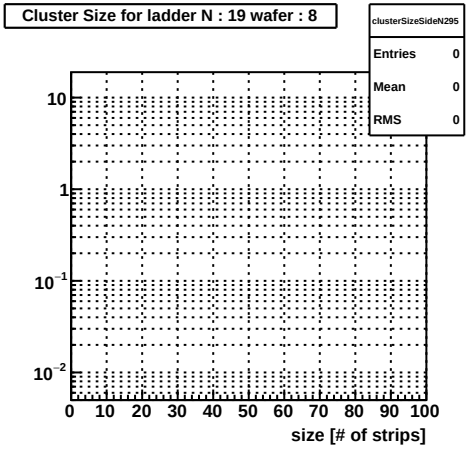

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

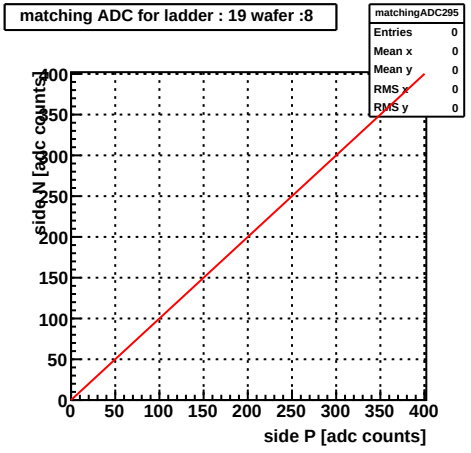

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

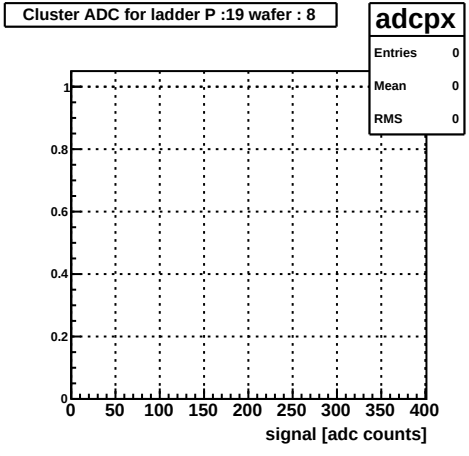

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

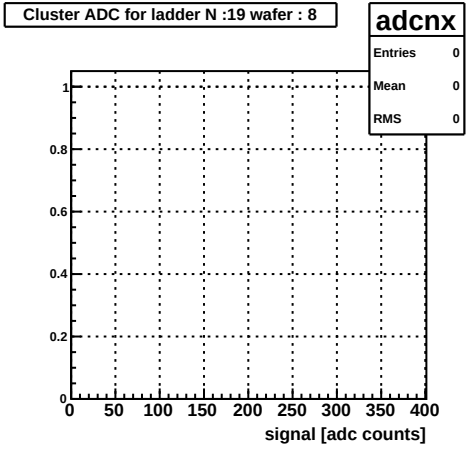

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

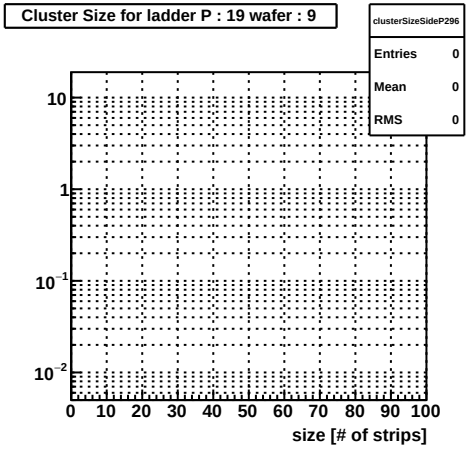

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

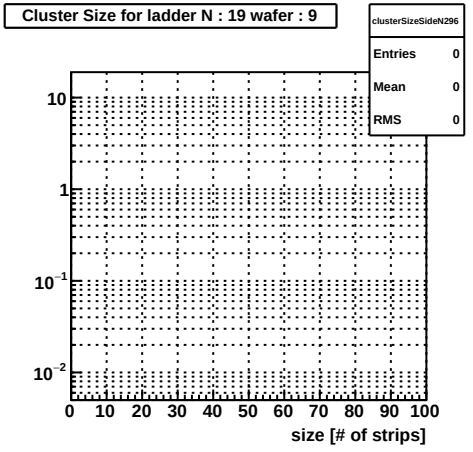

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

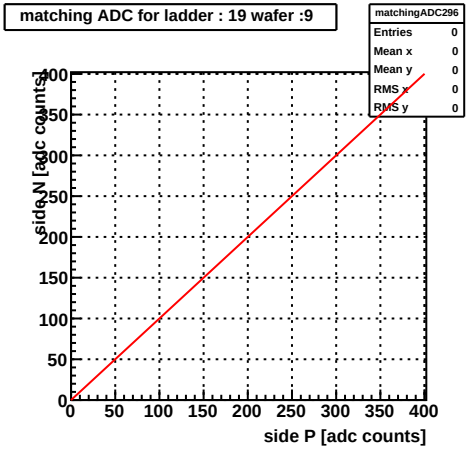

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

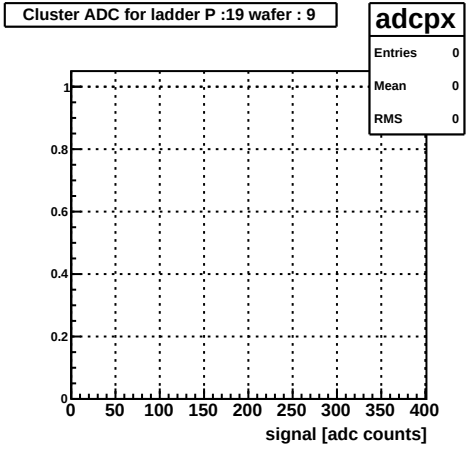

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

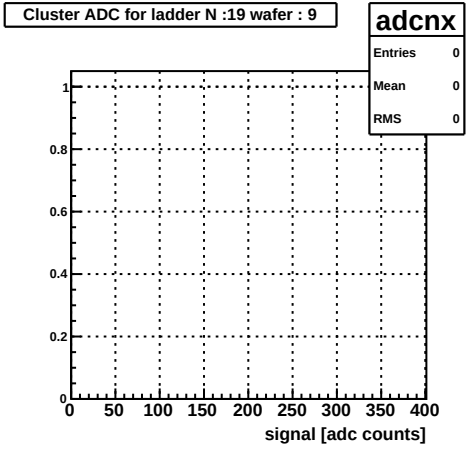

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

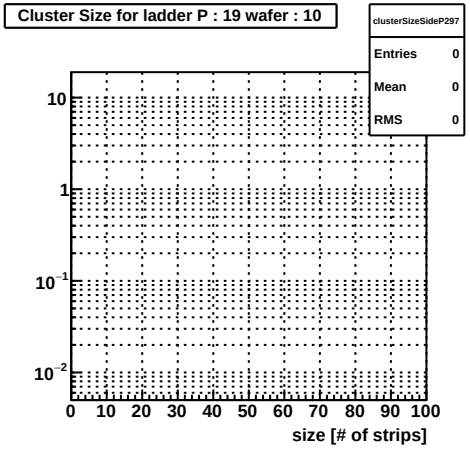

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

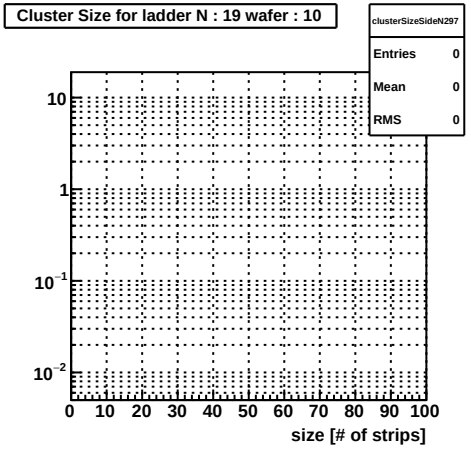

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

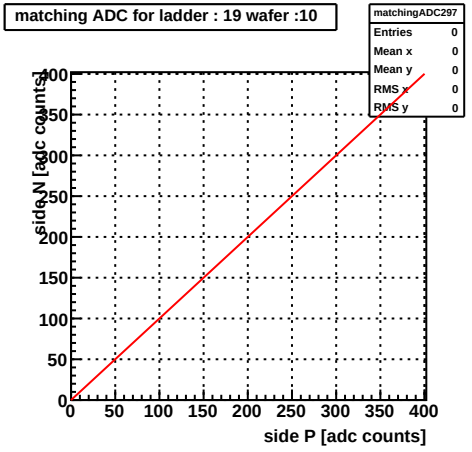

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

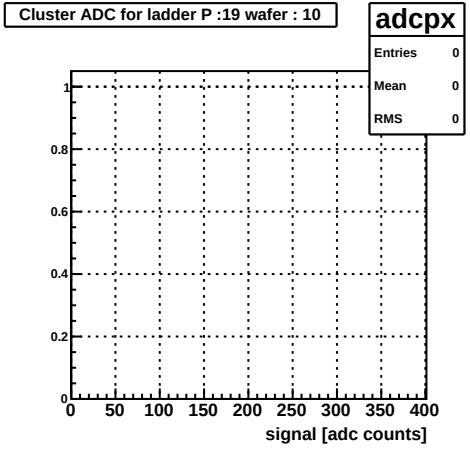

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

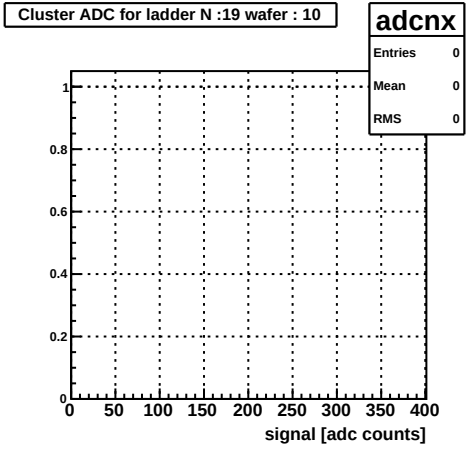

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

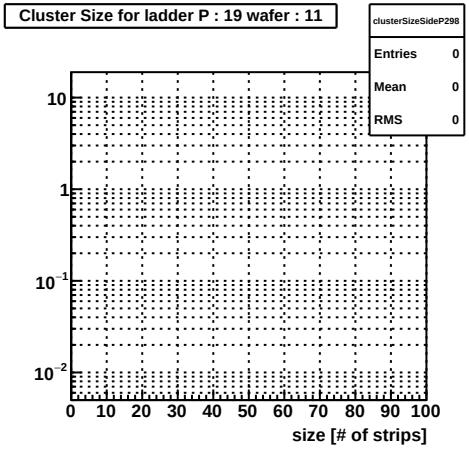

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

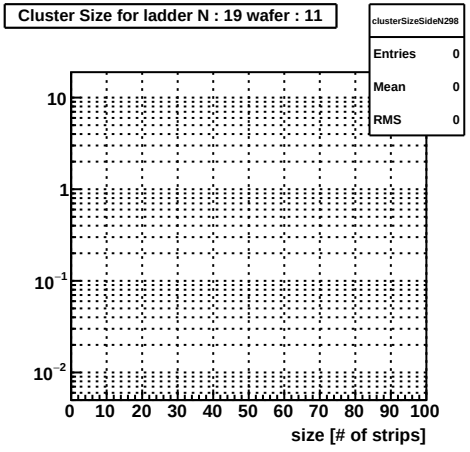

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

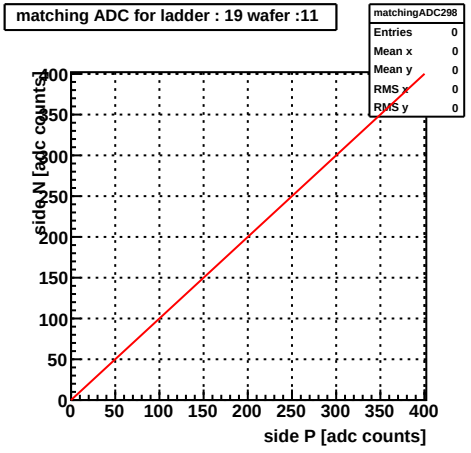

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

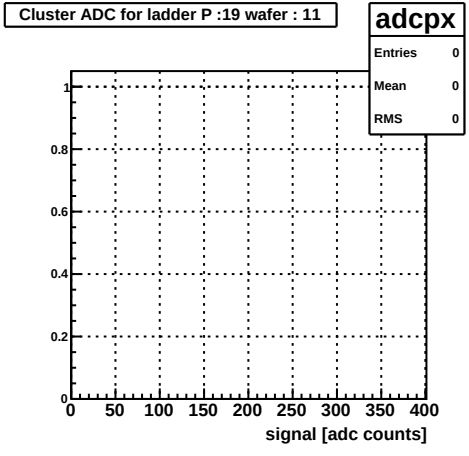

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

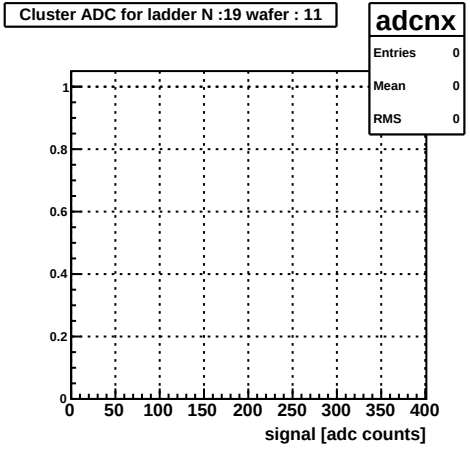

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

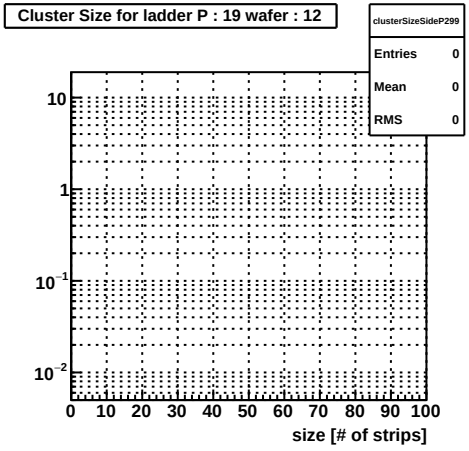

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

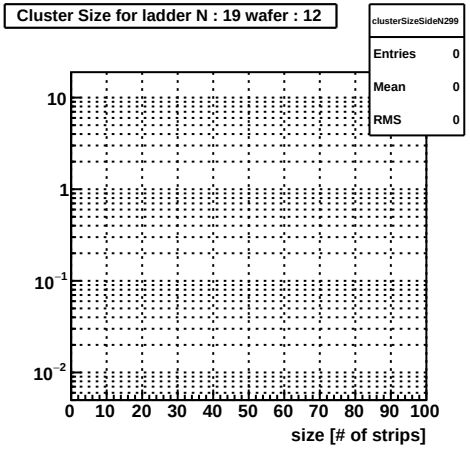

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

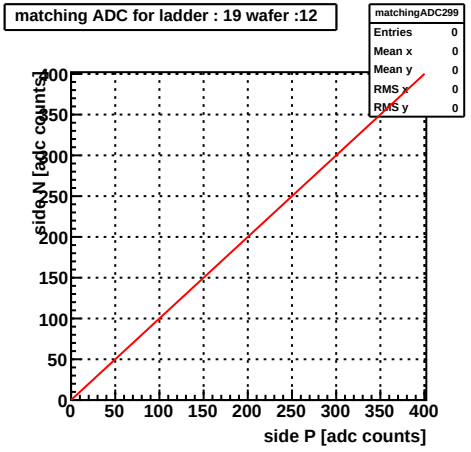

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

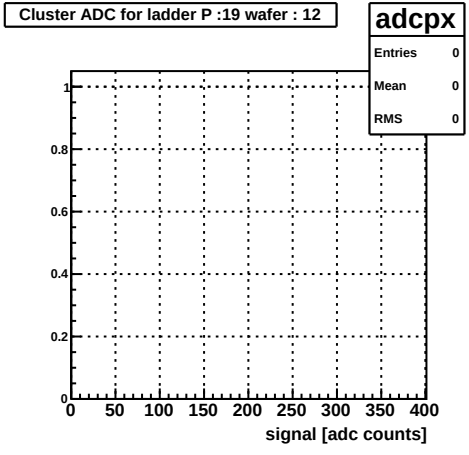

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

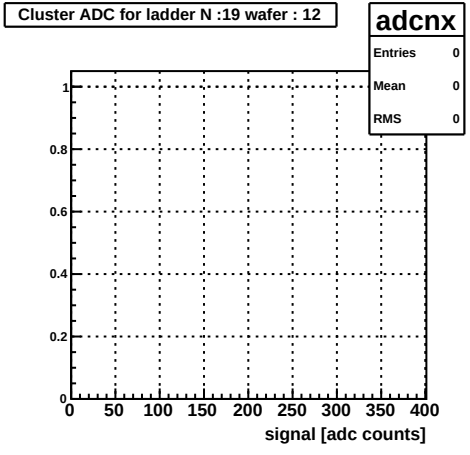

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

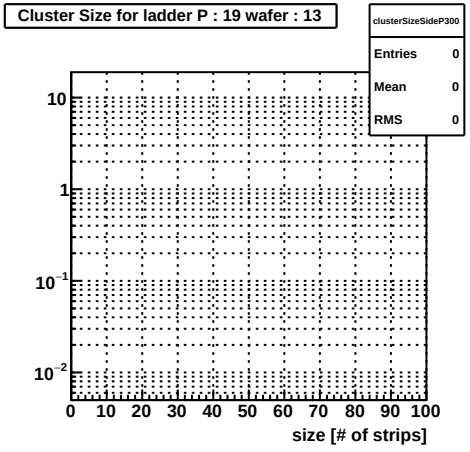

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

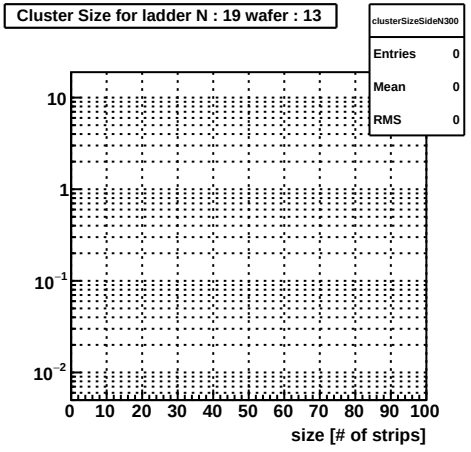

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

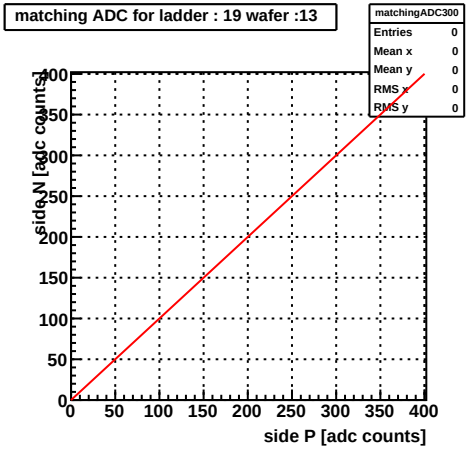

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

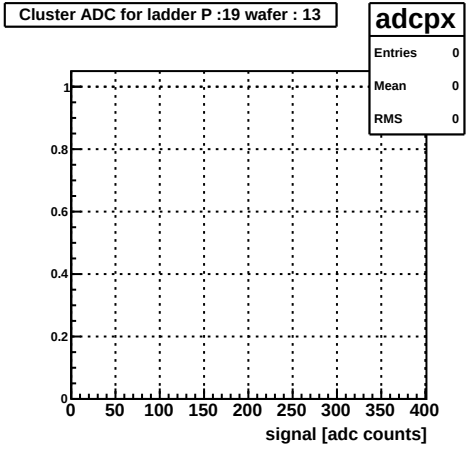

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

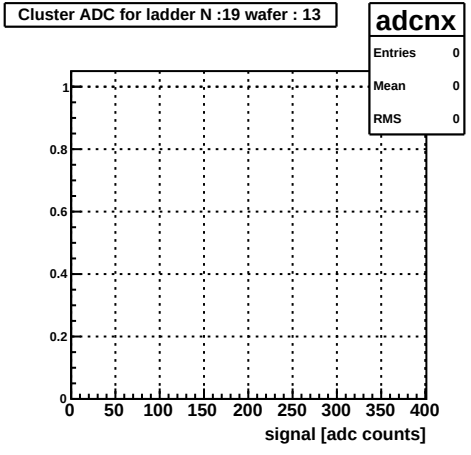

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

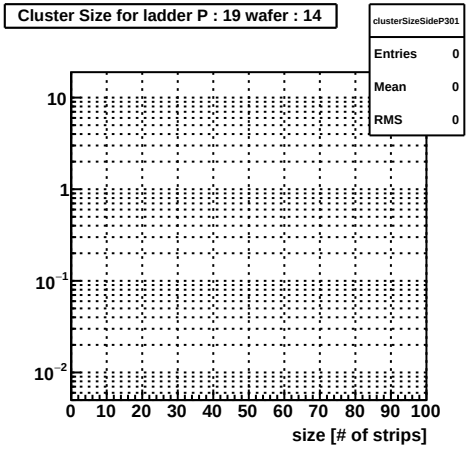

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

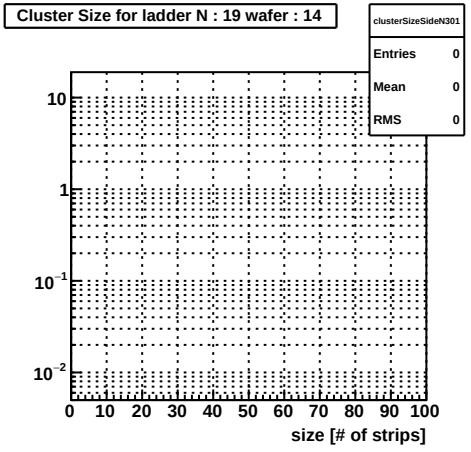

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

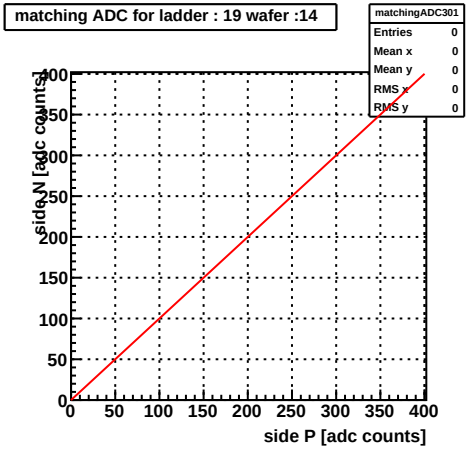

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

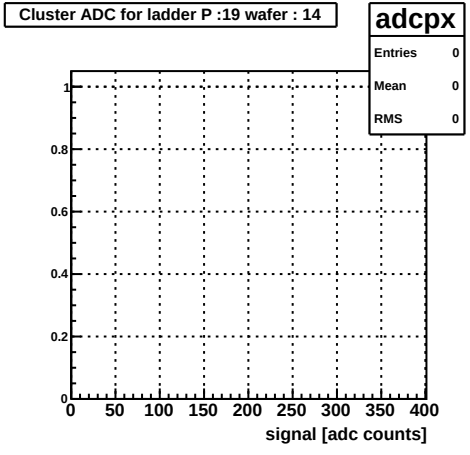

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

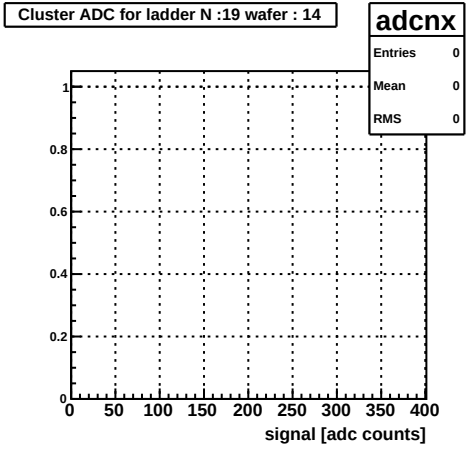

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

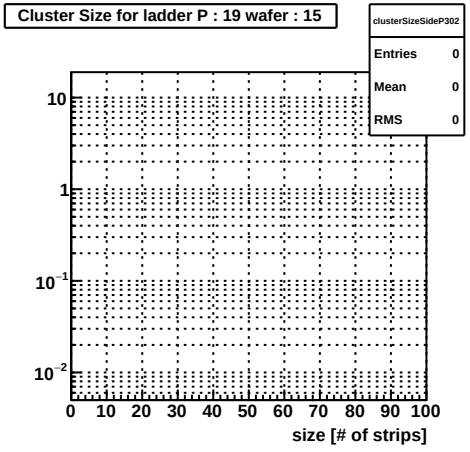

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

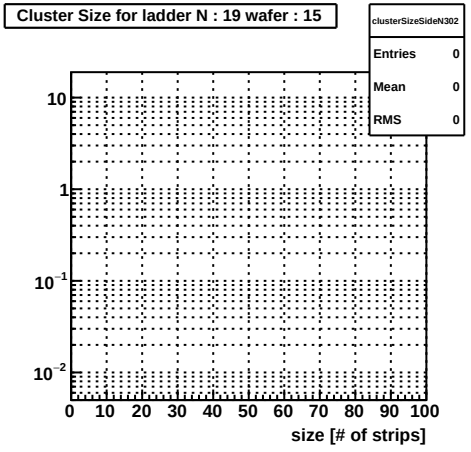

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

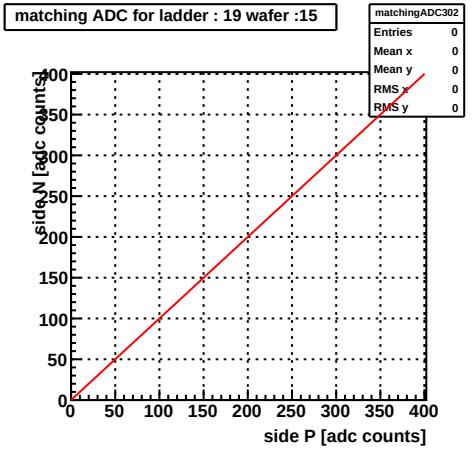

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

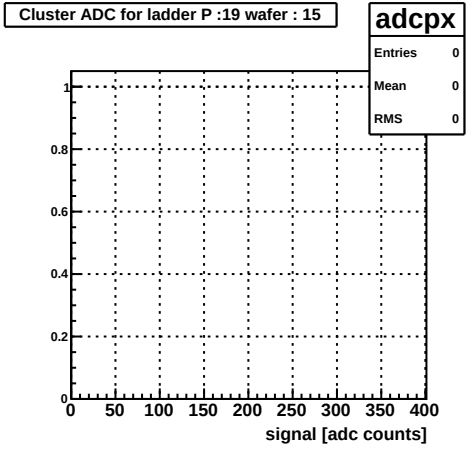

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

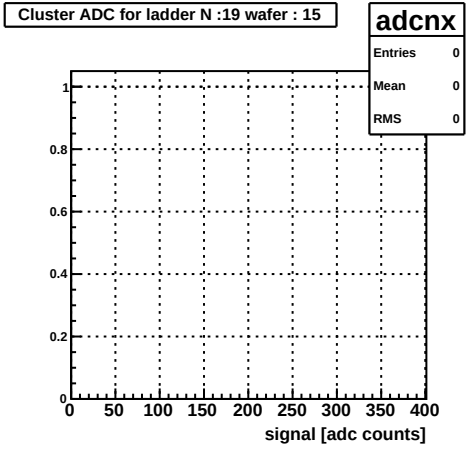

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

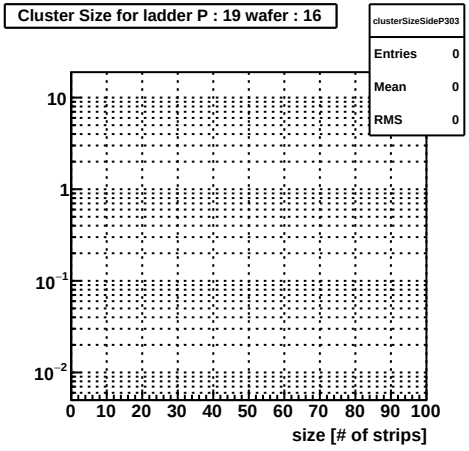

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

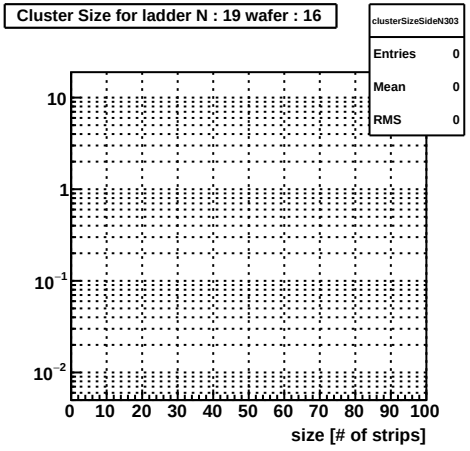

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

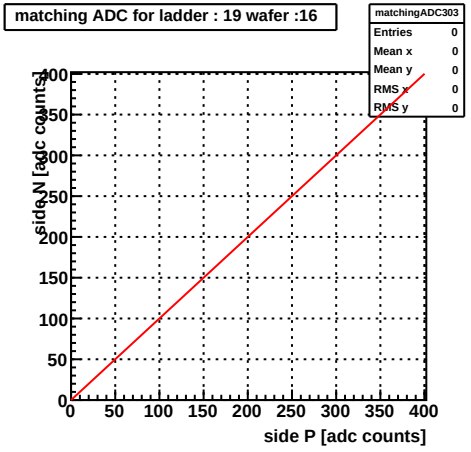

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

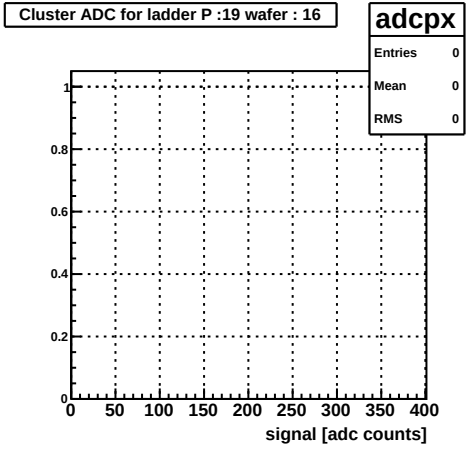

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

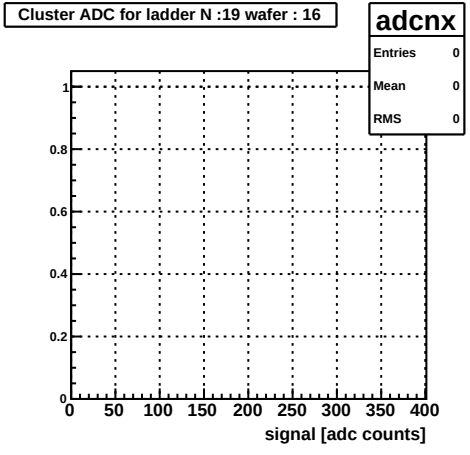

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

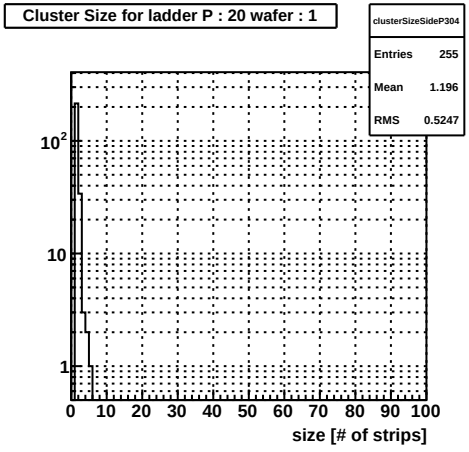

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

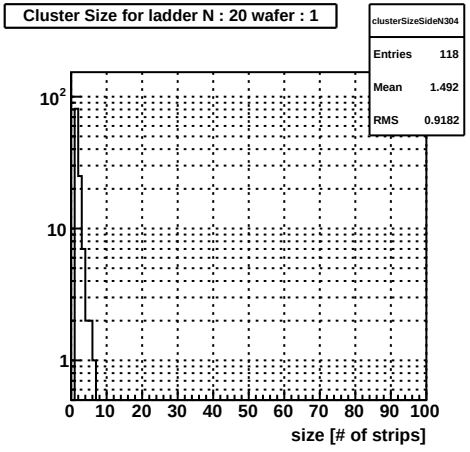

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

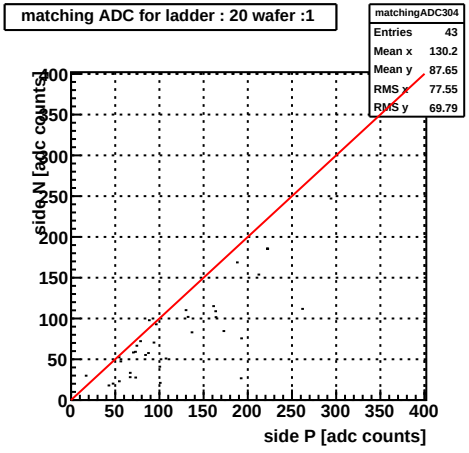

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

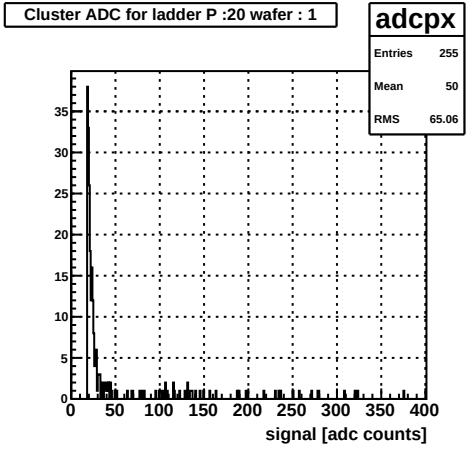

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

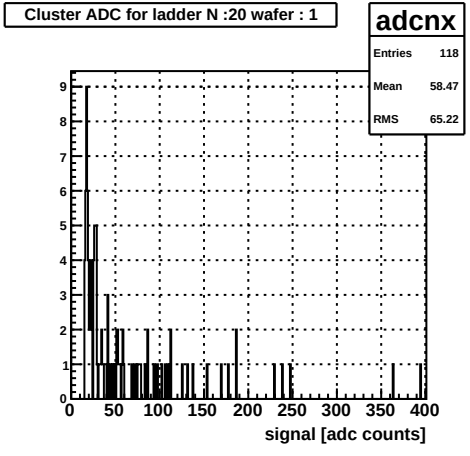

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

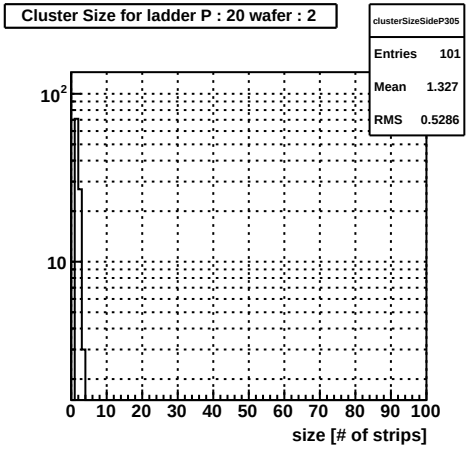

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 255
Mean 1.196
RMS 0.5247
size [# of strips]

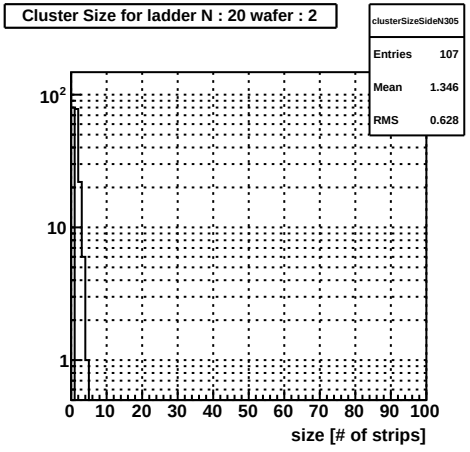

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 118
Mean 1.492
RMS 0.9182
size [# of strips]

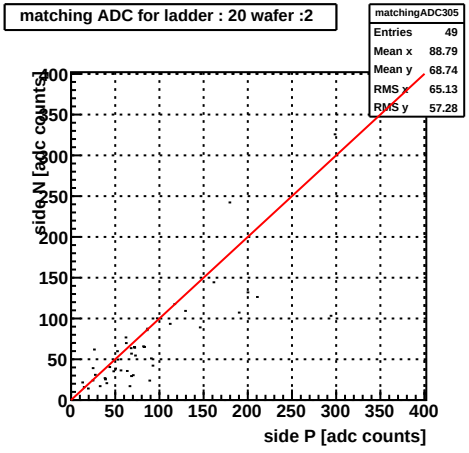

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 43
Mean x 130.2
Mean y 87.65
RMS x 77.55
RMS y 69.79
side N [adc counts]
side P [adc counts]

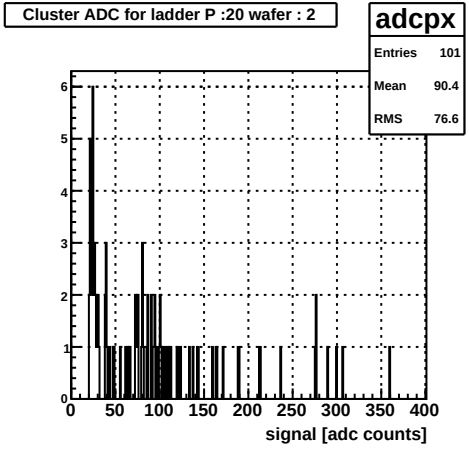

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 255
Mean 50
RMS 65.06
signal [adc counts]

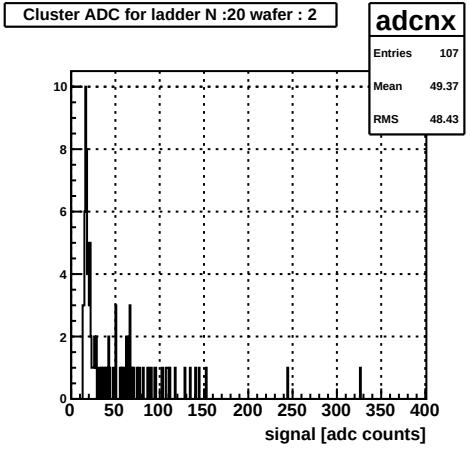

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 118
Mean 58.47
RMS 65.22
signal [adc counts]

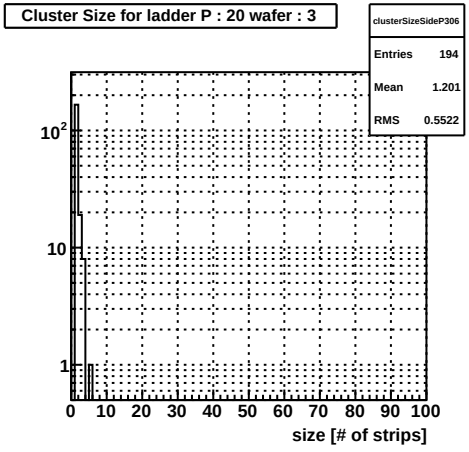

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 101
Mean 1.327
RMS 0.5286
size [# of strips]

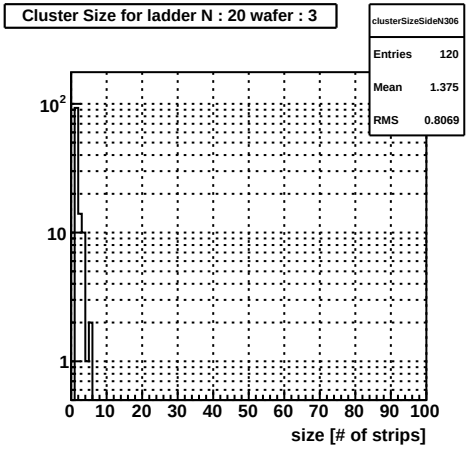

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 107
Mean 1.346
RMS 0.628
size [# of strips]

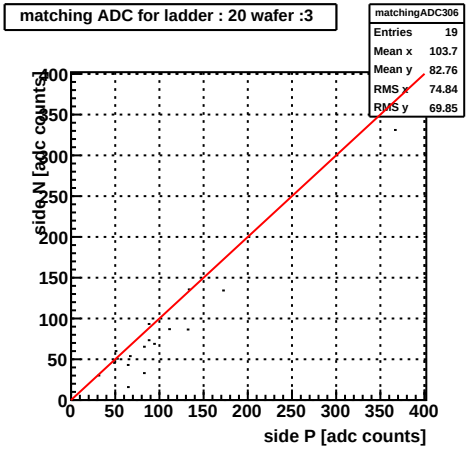

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 49
Mean x 88.79
Mean y 68.74
RMS x 65.13
RMS y 57.28
side N [adc counts]
side P [adc counts]

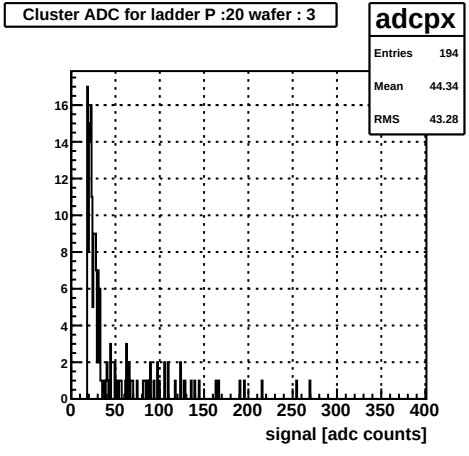

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 101
Mean 90.4
RMS 76.6
signal [adc counts]

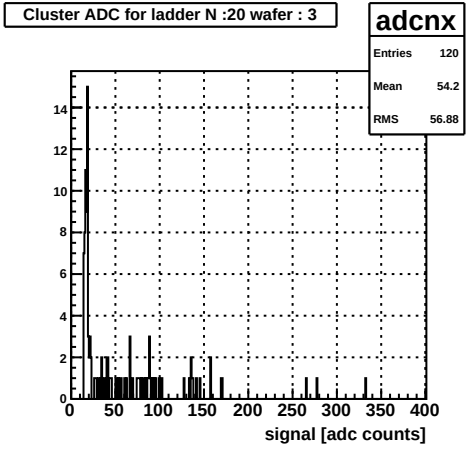

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 107
Mean 49.37
RMS 48.43
signal [adc counts]

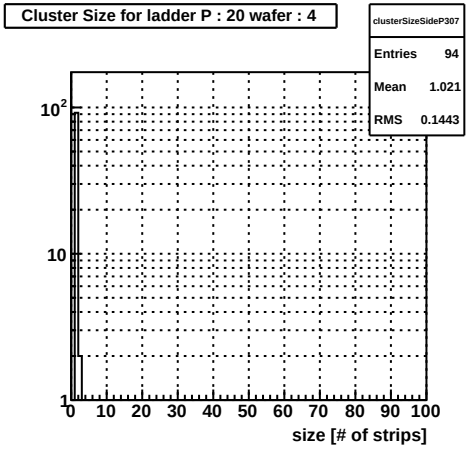

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 194
Mean 1.201
RMS 0.5522
size [# of strips]

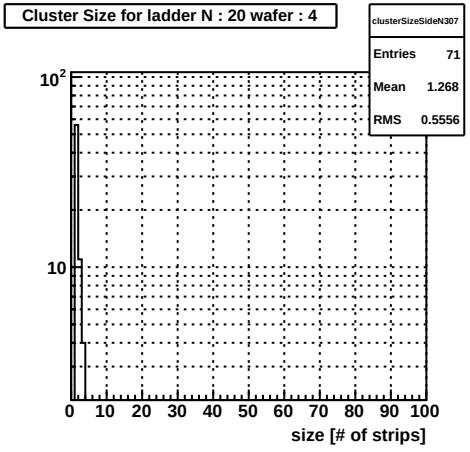

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 120
Mean 1.375
RMS 0.8069
size [# of strips]

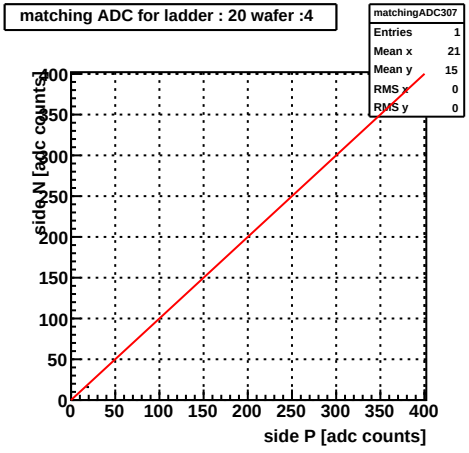

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 19
Mean x 103.7
Mean y 82.76
RMS x 74.84
RMS y 69.85
side N [adc counts]
side P [adc counts]

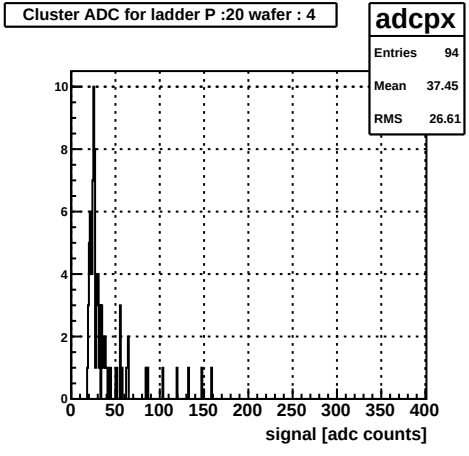

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 194
Mean 44.34
RMS 43.28
signal [adc counts]

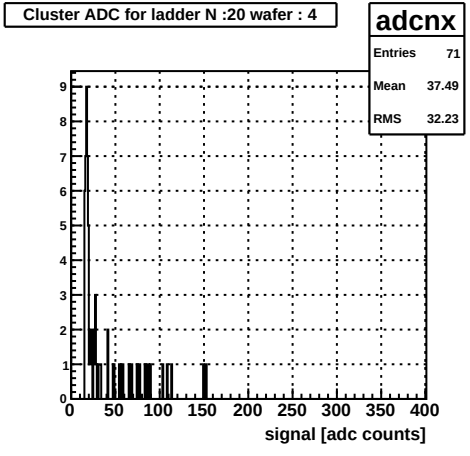

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 120
Mean 54.2
RMS 56.88
signal [adc counts]

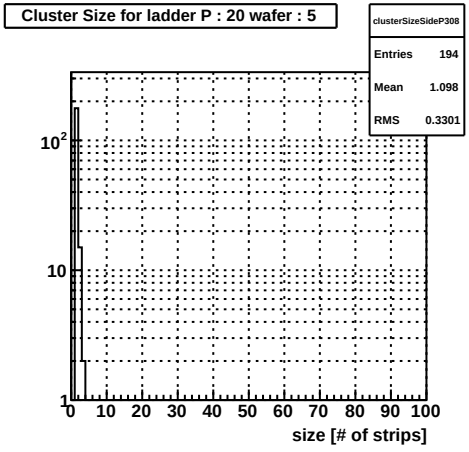

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 94
Mean 1.021
RMS 0.1443
size [# of strips]

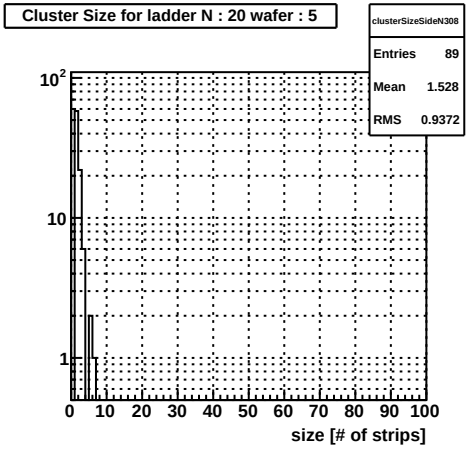

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 71
Mean 1.268
RMS 0.5556
size [# of strips]

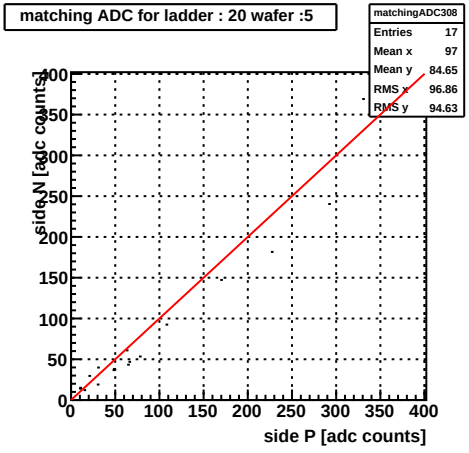

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 1
Mean x 21
Mean y 15
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

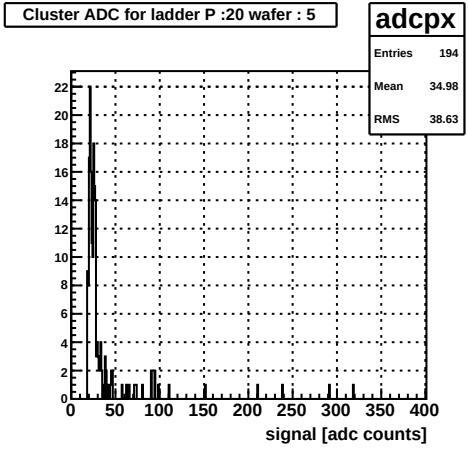

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 94
Mean 37.45
RMS 26.61
signal [adc counts]

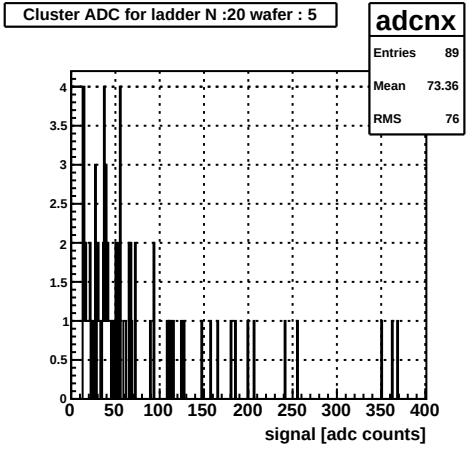

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 71
Mean 37.49
RMS 32.23
signal [adc counts]

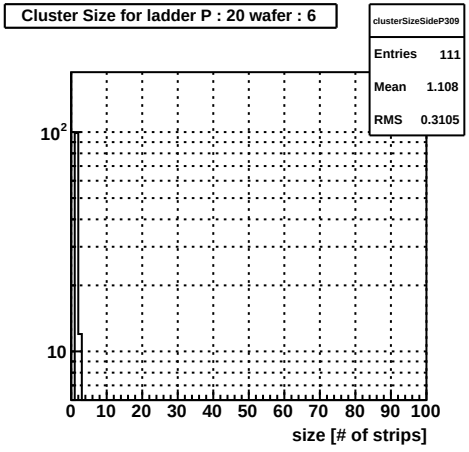

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 194
Mean 1.098
RMS 0.3301
size [# of strips]

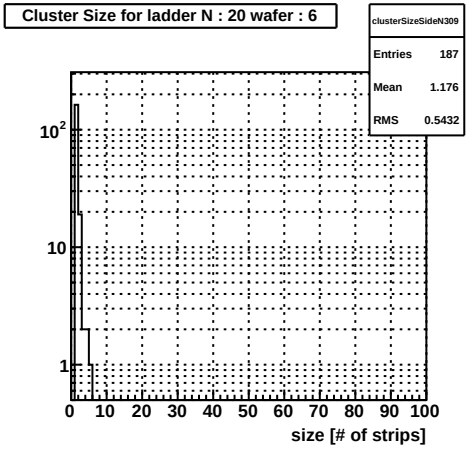

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 89
Mean 1.528
RMS 0.9372
size [# of strips]

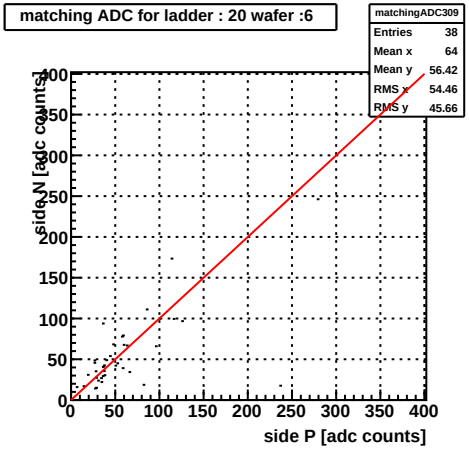

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 17
Mean x 97
Mean y 84.65
RMS x 96.86
RMS y 94.63
side N [adc counts]
side P [adc counts]

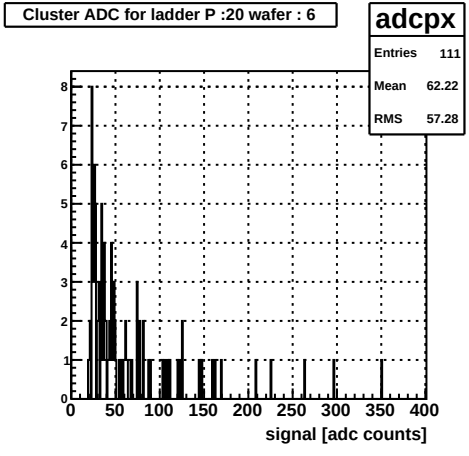

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 194
Mean 34.98
RMS 38.63
signal [adc counts]

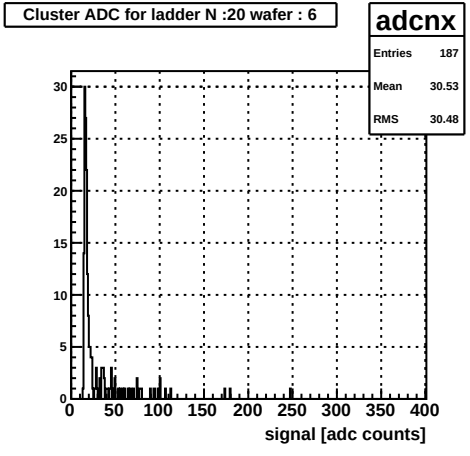

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 89
Mean 73.36
RMS 76
signal [adc counts]

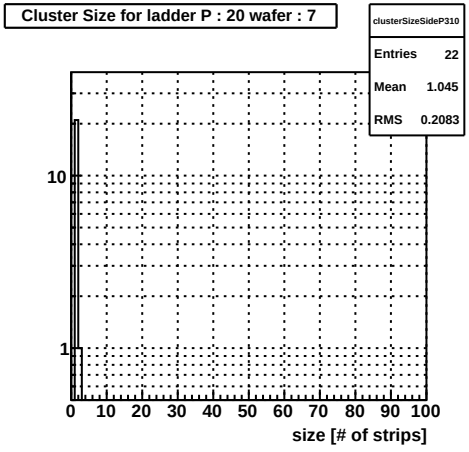

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 111
Mean 1.108
RMS 0.3105
size [# of strips]

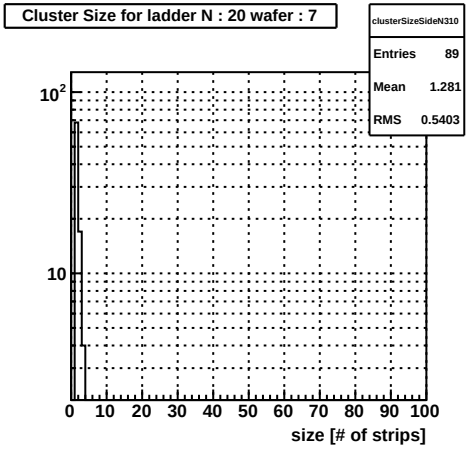

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 187
Mean 1.176
RMS 0.5432
size [# of strips]

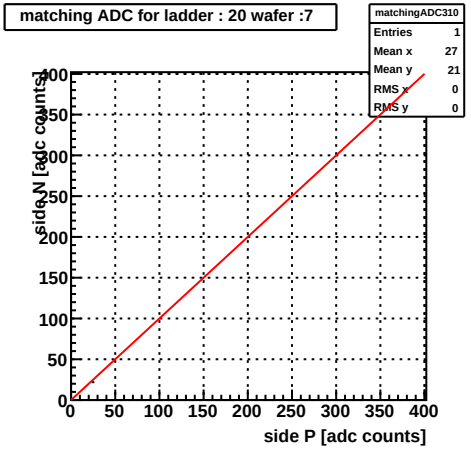

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 38
Mean x 64
Mean y 56.42
RMS x 54.46
RMS y 45.66
side N [adc counts]
side P [adc counts]

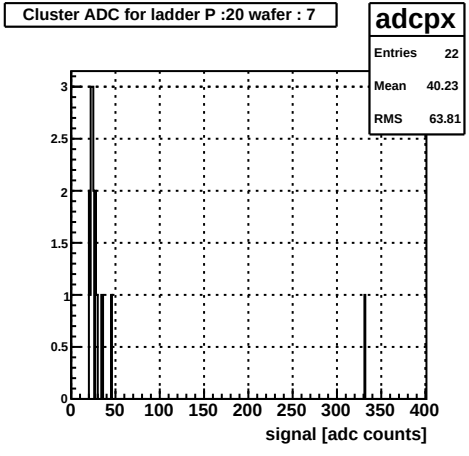

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 111
Mean 62.22
RMS 57.28
signal [adc counts]

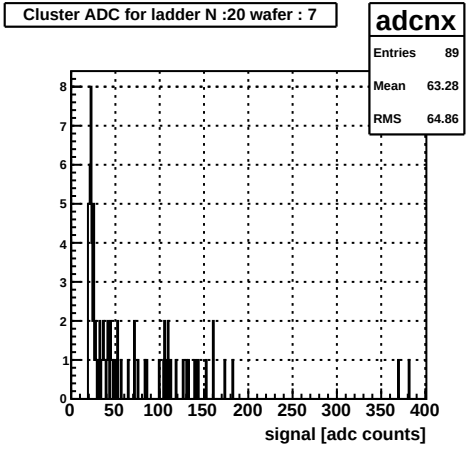

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 187
Mean 30.53
RMS 30.48
signal [adc counts]

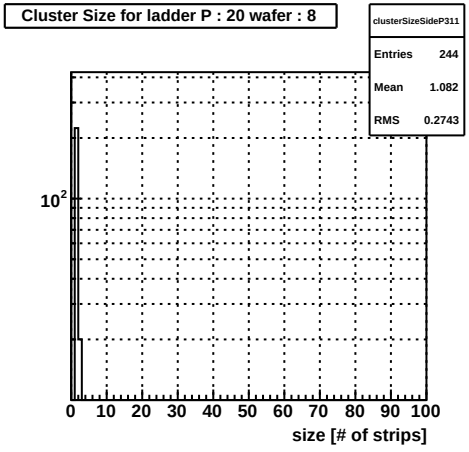

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 22
Mean 1.045
RMS 0.2083
size [# of strips]

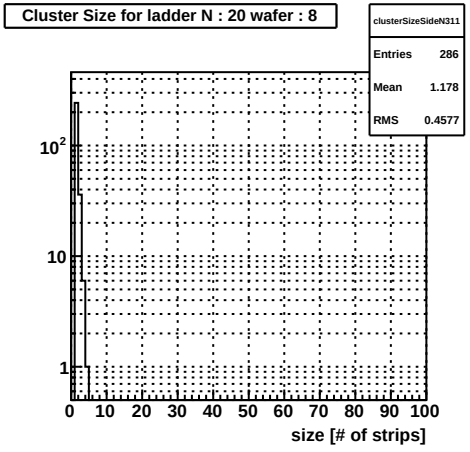

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 89
Mean 1.281
RMS 0.5403
size [# of strips]

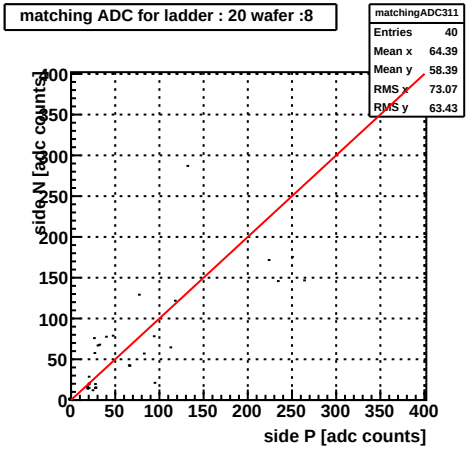

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 1
Mean x 27
Mean y 21
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

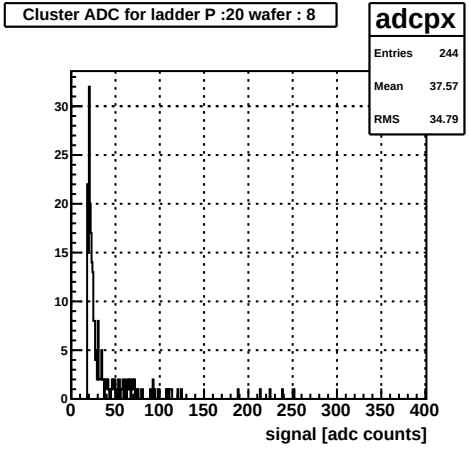

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 22
Mean 40.23
RMS 63.81
signal [adc counts]

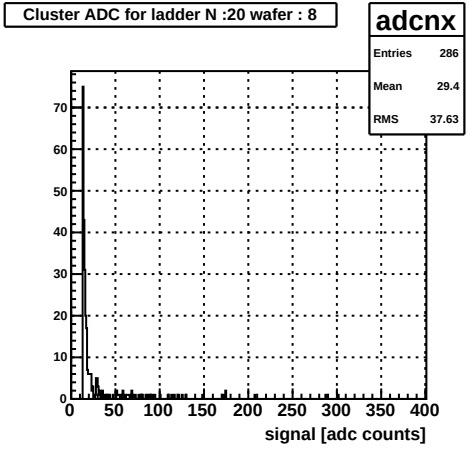

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 89
Mean 63.28
RMS 64.86
signal [adc counts]

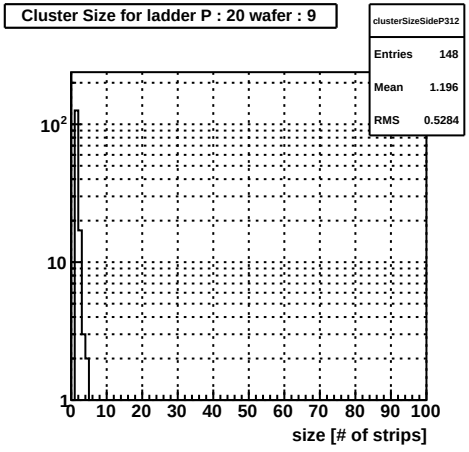

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 244
Mean 1.082
RMS 0.2743
size [# of strips]

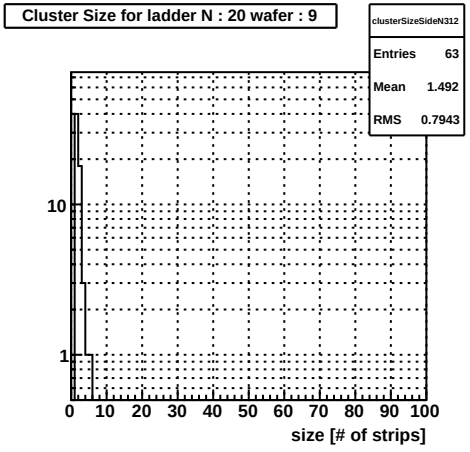

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 286
Mean 1.178
RMS 0.4577
size [# of strips]

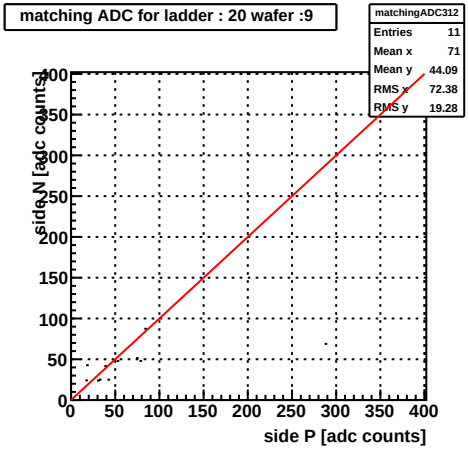

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 40
Mean x 64.39
Mean y 58.39
RMS x 73.07
RMS y 63.43
side N [adc counts]
side P [adc counts]

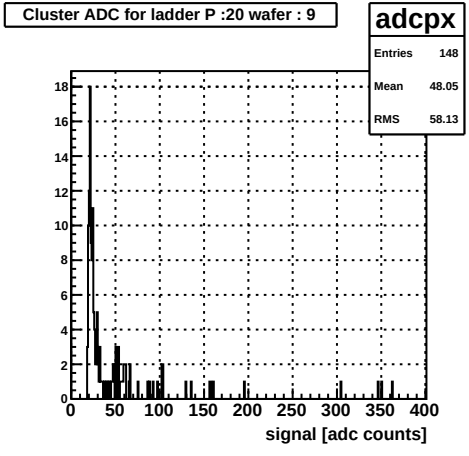

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 244
Mean 37.57
RMS 34.79
signal [adc counts]

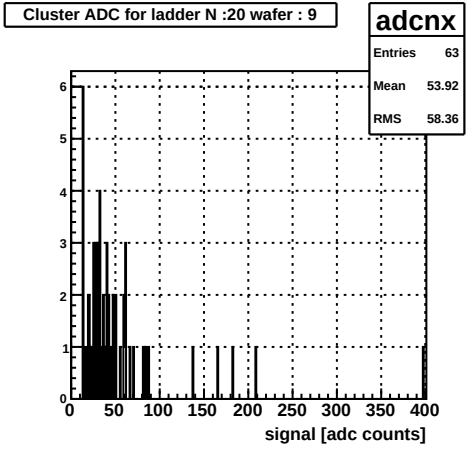

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 286
Mean 29.4
RMS 37.63
signal [adc counts]

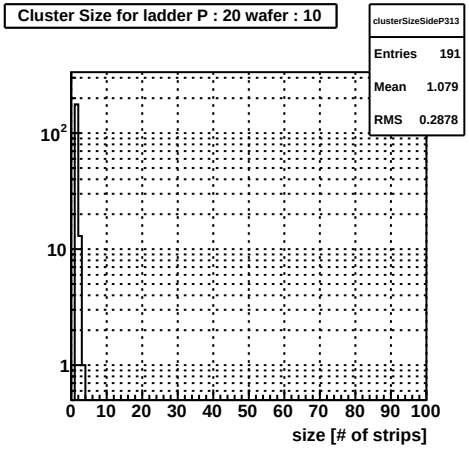

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 148
Mean 1.196
RMS 0.5284
size [# of strips]

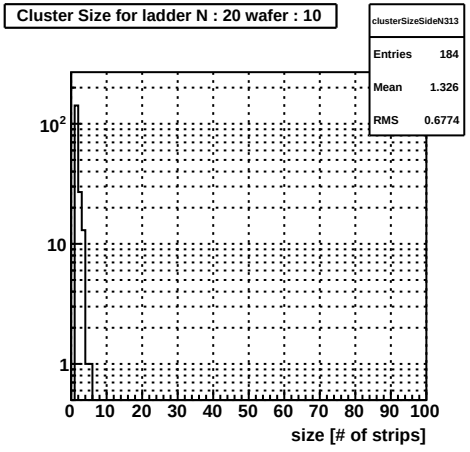

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 63
Mean 1.492
RMS 0.7943
size [# of strips]

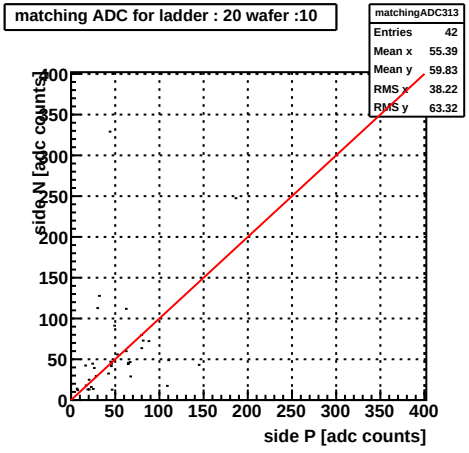

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 11
Mean x 71
Mean y 44.09
RMS x 72.38
RMS y 19.28
side N [adc counts]
side P [adc counts]

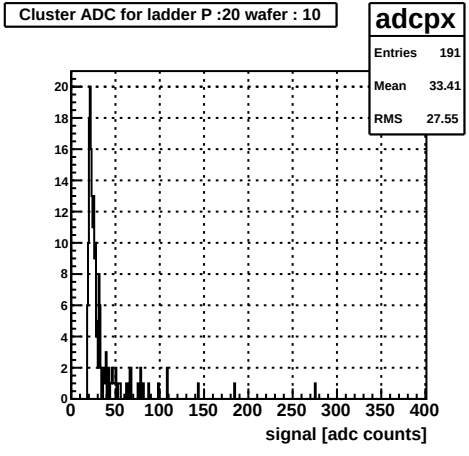

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 148
Mean 48.05
RMS 58.13
signal [adc counts]

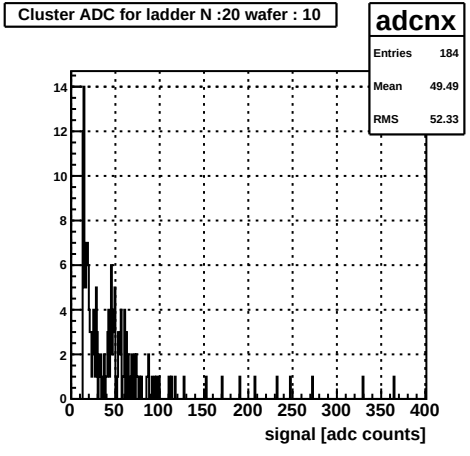

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 63
Mean 53.92
RMS 58.36
signal [adc counts]

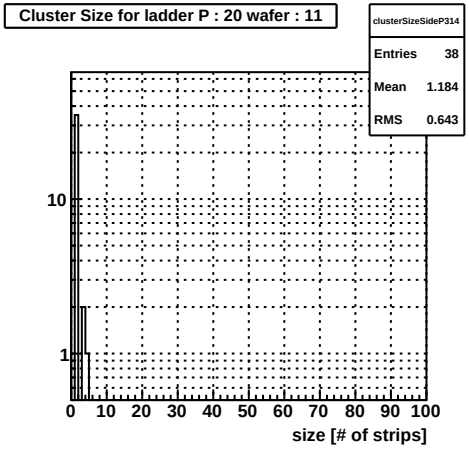

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 191
Mean 1.079
RMS 0.2878
size [# of strips]

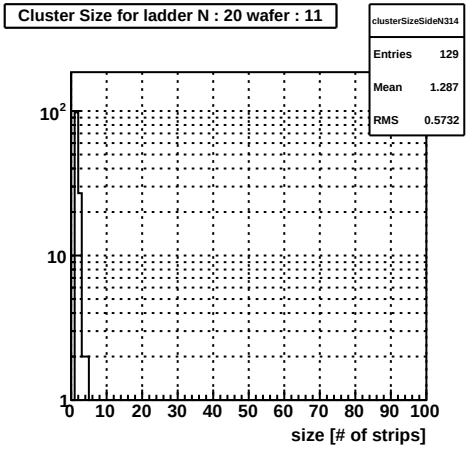

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 184
Mean 1.326
RMS 0.6774
size [# of strips]

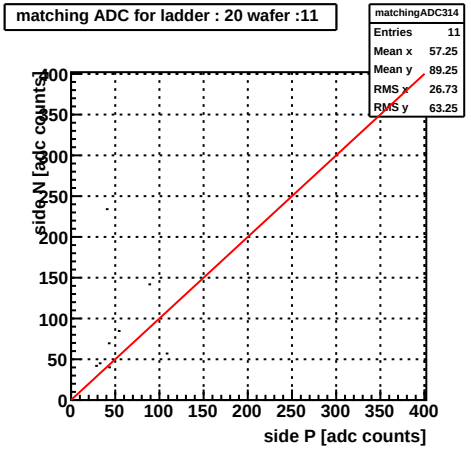

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 42
Mean x 55.39
Mean y 59.83
RMS x 38.22
RMS y 63.32
side N [adc counts]
side P [adc counts]

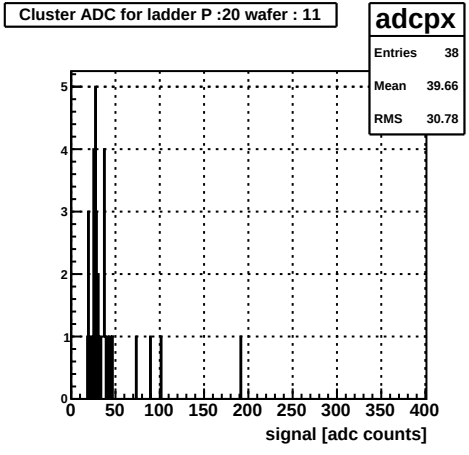

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 191
Mean 33.41
RMS 27.55
signal [adc counts]

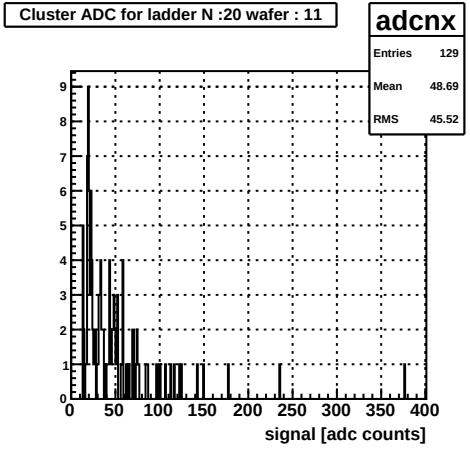

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 184
Mean 49.49
RMS 52.33
signal [adc counts]

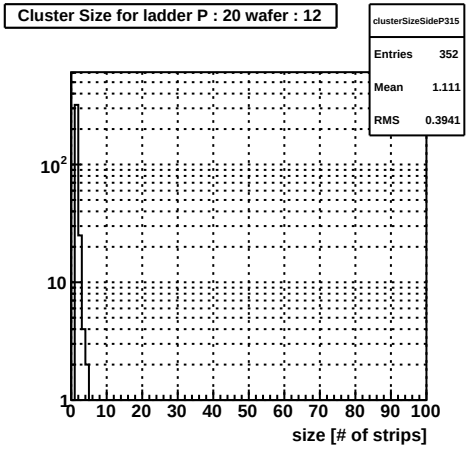

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 38
Mean 1.184
RMS 0.643
size [# of strips]

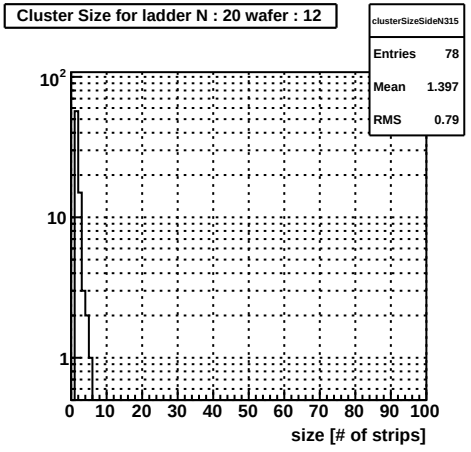

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 129
Mean 1.287
RMS 0.5732
size [# of strips]

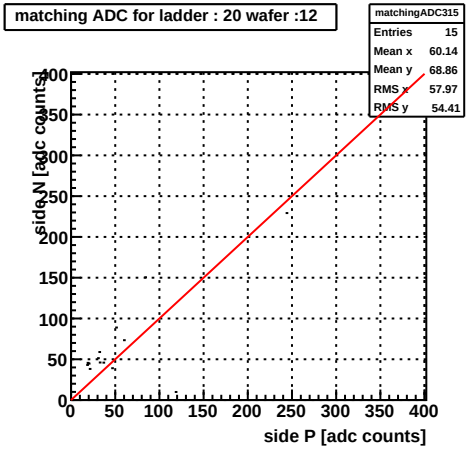

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 11
Mean x 57.25
Mean y 89.25
RMS x 26.73
RMS y 63.25
side N [adc counts]
side P [adc counts]

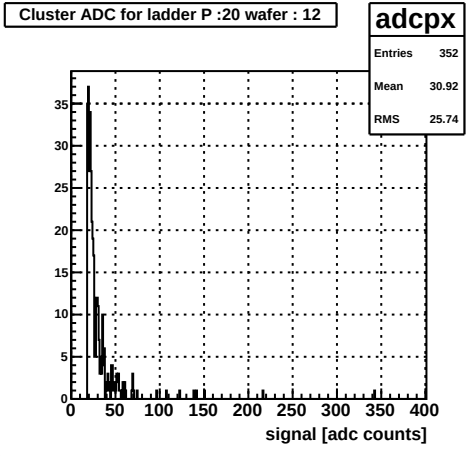

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 38
Mean 39.66
RMS 30.78
signal [adc counts]

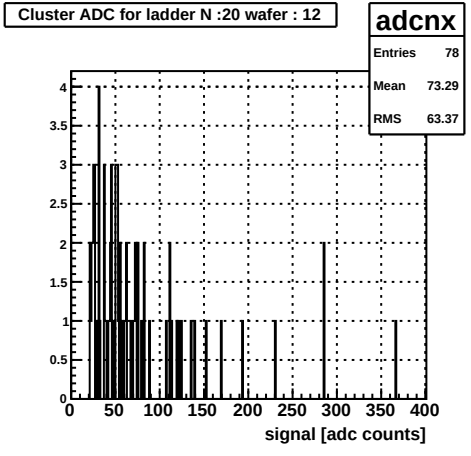

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 129
Mean 48.69
RMS 45.52
signal [adc counts]

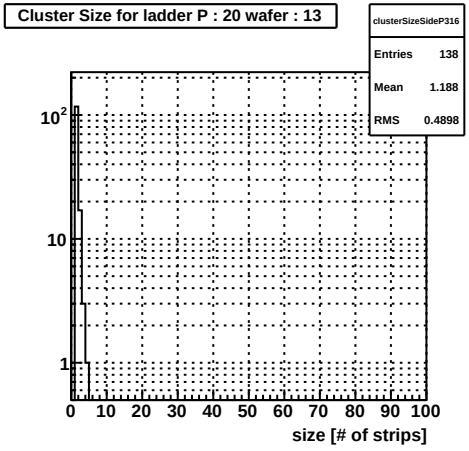

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 352
Mean 1.111
RMS 0.3941
size [# of strips]

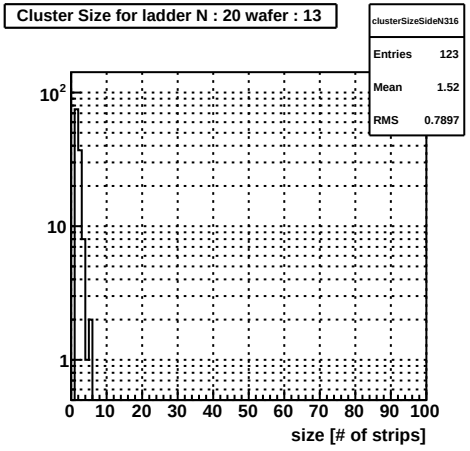

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 78
Mean 1.397
RMS 0.79
size [# of strips]

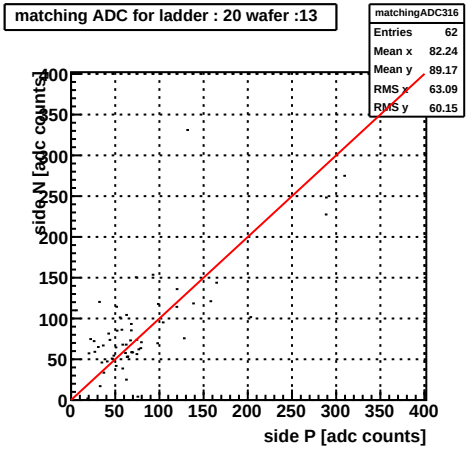

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 15
Mean x 60.14
Mean y 68.86
RMS x 57.97
RMS y 54.41
side N [adc counts]
side P [adc counts]

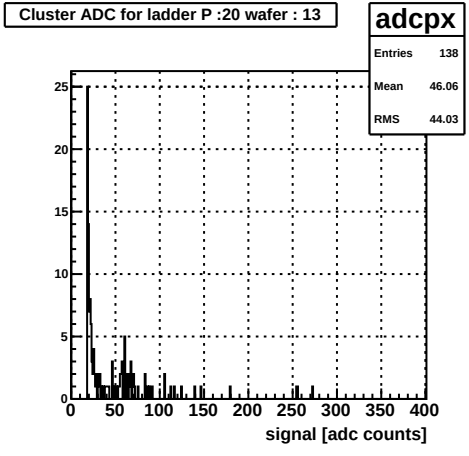

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 352
Mean 30.92
RMS 25.74
signal [adc counts]

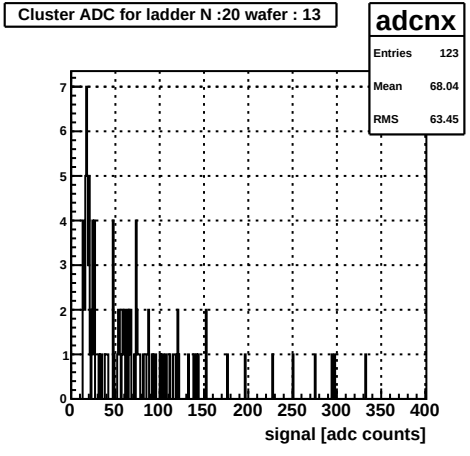

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 78
Mean 73.29
RMS 63.37
signal [adc counts]

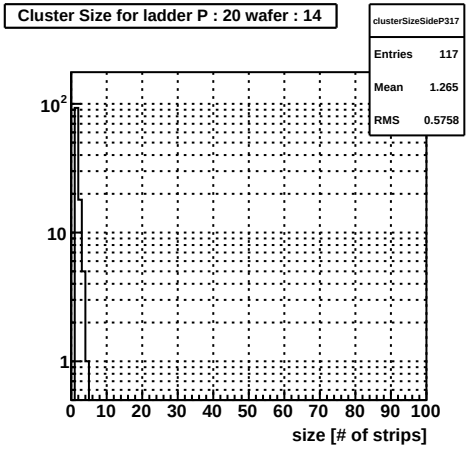

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 138
Mean 1.188
RMS 0.4898
size [# of strips]

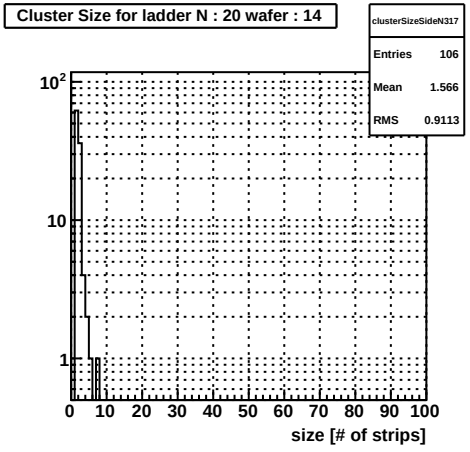

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 123
Mean 1.52
RMS 0.7897
size [# of strips]

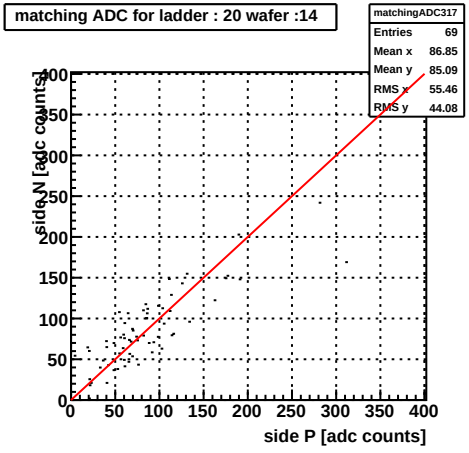

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 62
Mean x 82.24
Mean y 89.17
RMS x 63.09
RMS y 60.15
side N [adc counts]
side P [adc counts]

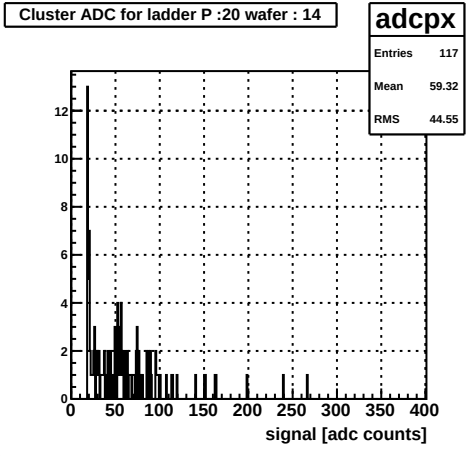

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 138
Mean 46.06
RMS 44.03
signal [adc counts]

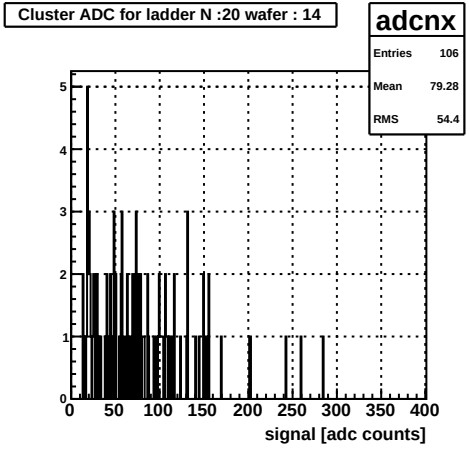

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 123
Mean 68.04
RMS 63.45
signal [adc counts]

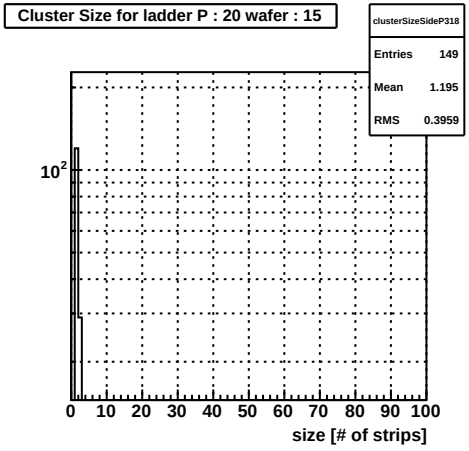

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 117
Mean 1.265
RMS 0.5758
size [# of strips]

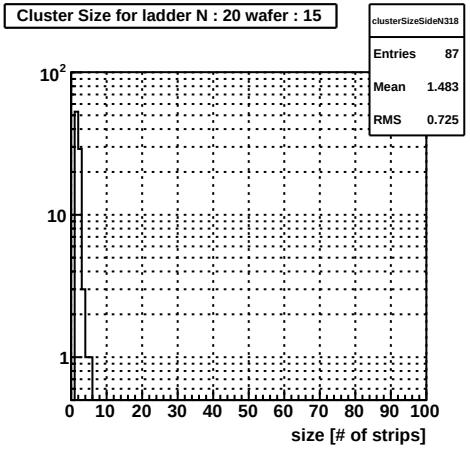

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 106
Mean 1.566
RMS 0.9113
size [# of strips]

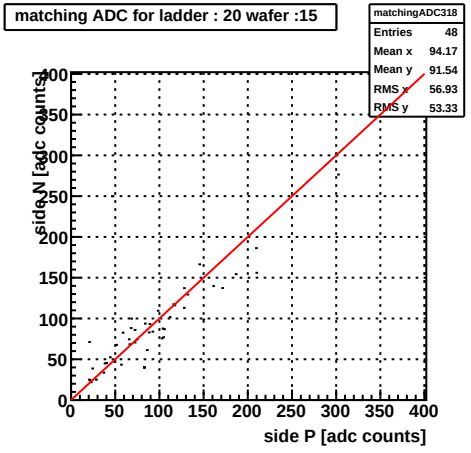

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 69
Mean x 86.85
Mean y 85.09
RMS x 55.46
RMS y 44.08
side N [adc counts]
side P [adc counts]

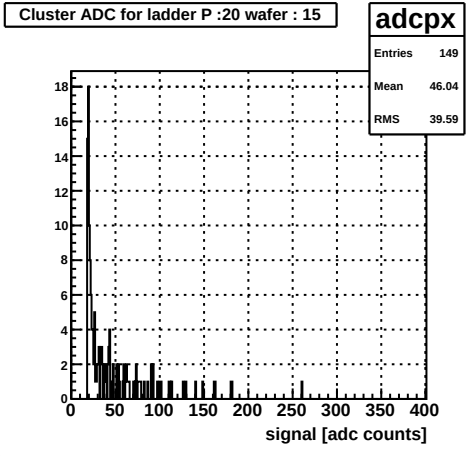

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 117
Mean 59.32
RMS 44.55
signal [adc counts]

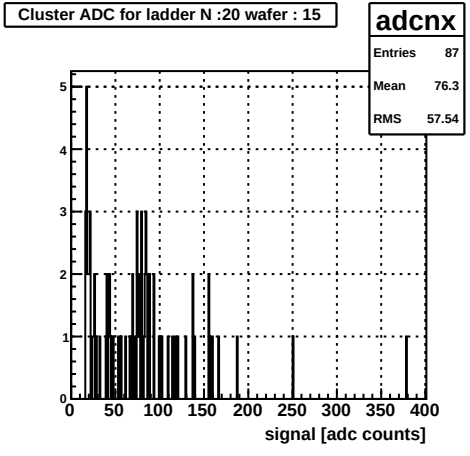

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 106
Mean 79.28
RMS 54.4
signal [adc counts]

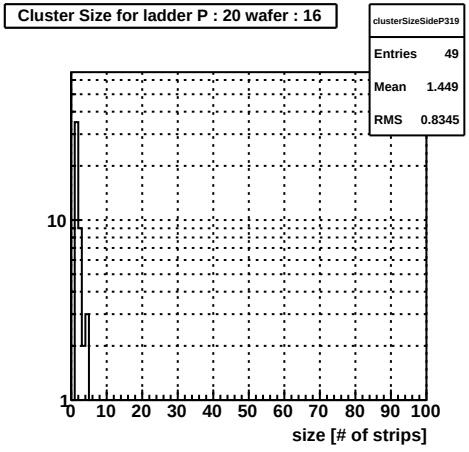

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 149
Mean 1.195
RMS 0.3959
size [# of strips]

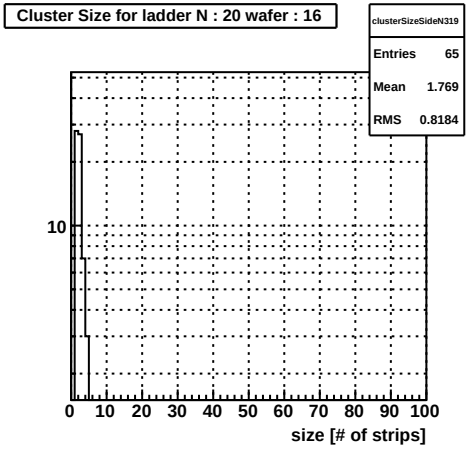

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 87
Mean 1.483
RMS 0.725
size [# of strips]

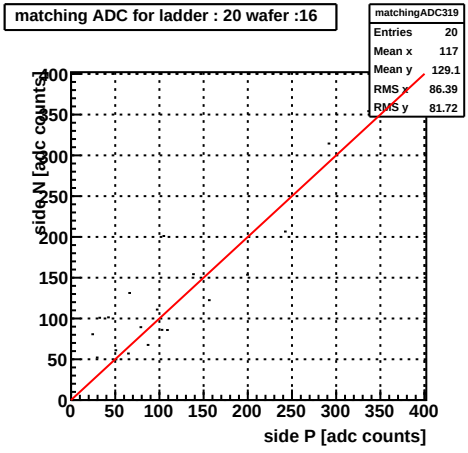

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 48
Mean x 94.17
Mean y 91.54
RMS x 56.93
RMS y 53.33
side N [adc counts]
side P [adc counts]

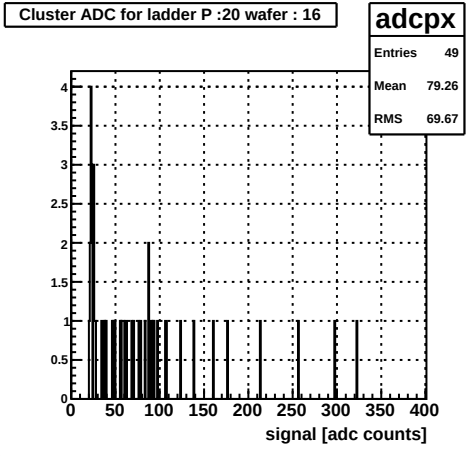

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 149
Mean 46.04
RMS 39.59
signal [adc counts]

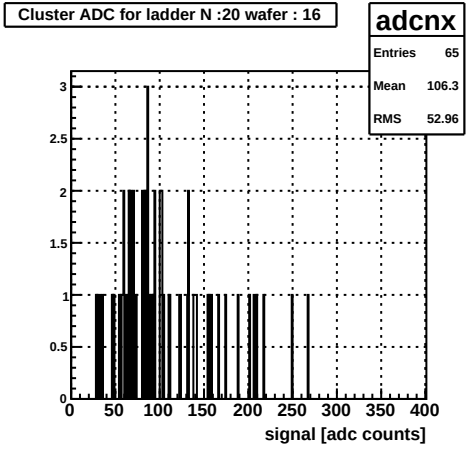

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 87
Mean 76.3
RMS 57.54
signal [adc counts]

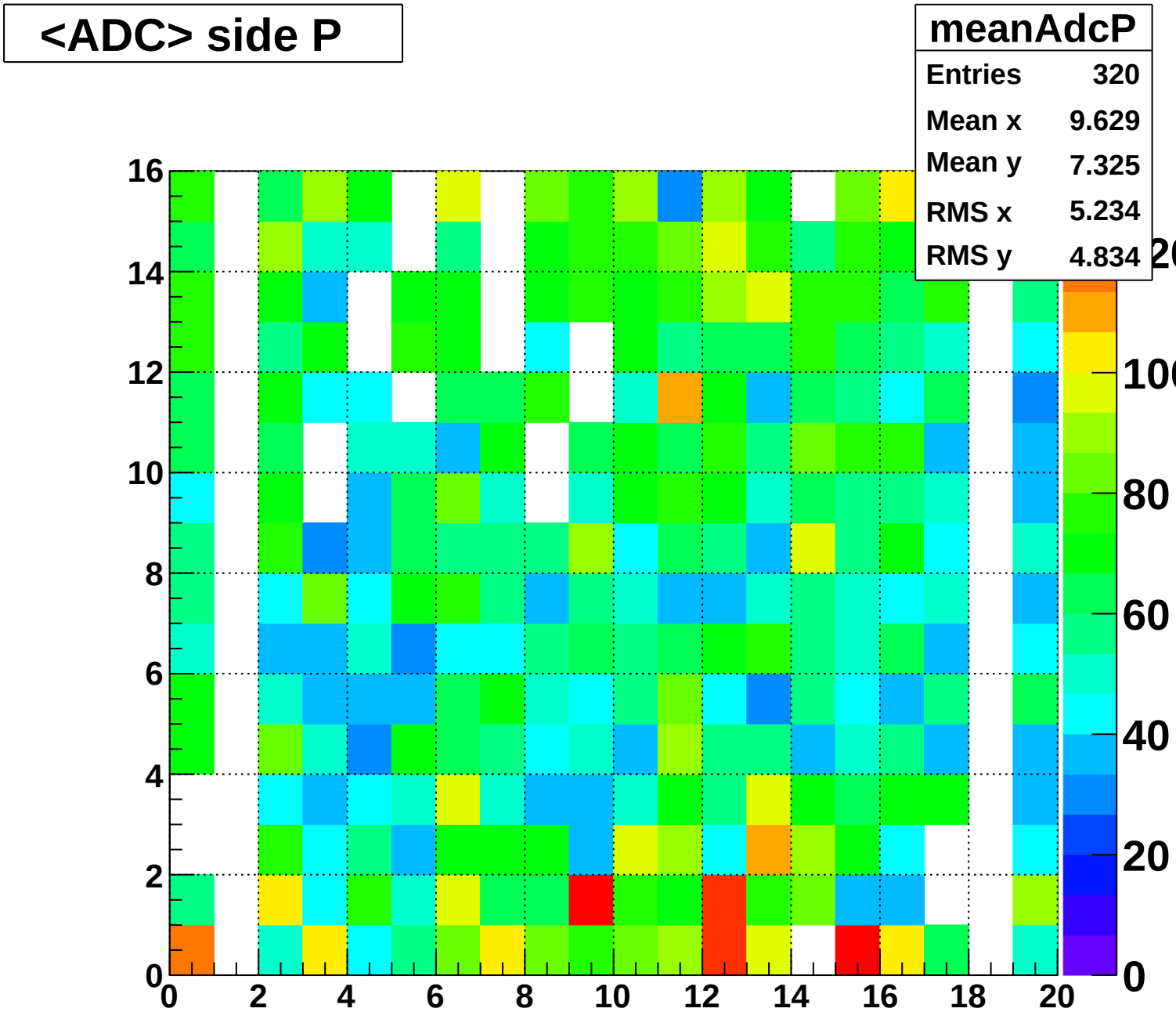

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 49
Mean 1.449
RMS 0.8345
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 65
Mean 1.769
RMS 0.8184
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 20
Mean x 117
Mean y 129.1
RMS x 86.39
RMS y 81.72
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 49
Mean 79.26
RMS 69.67
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 65
Mean 106.3
RMS 52.96
signal [adc counts]



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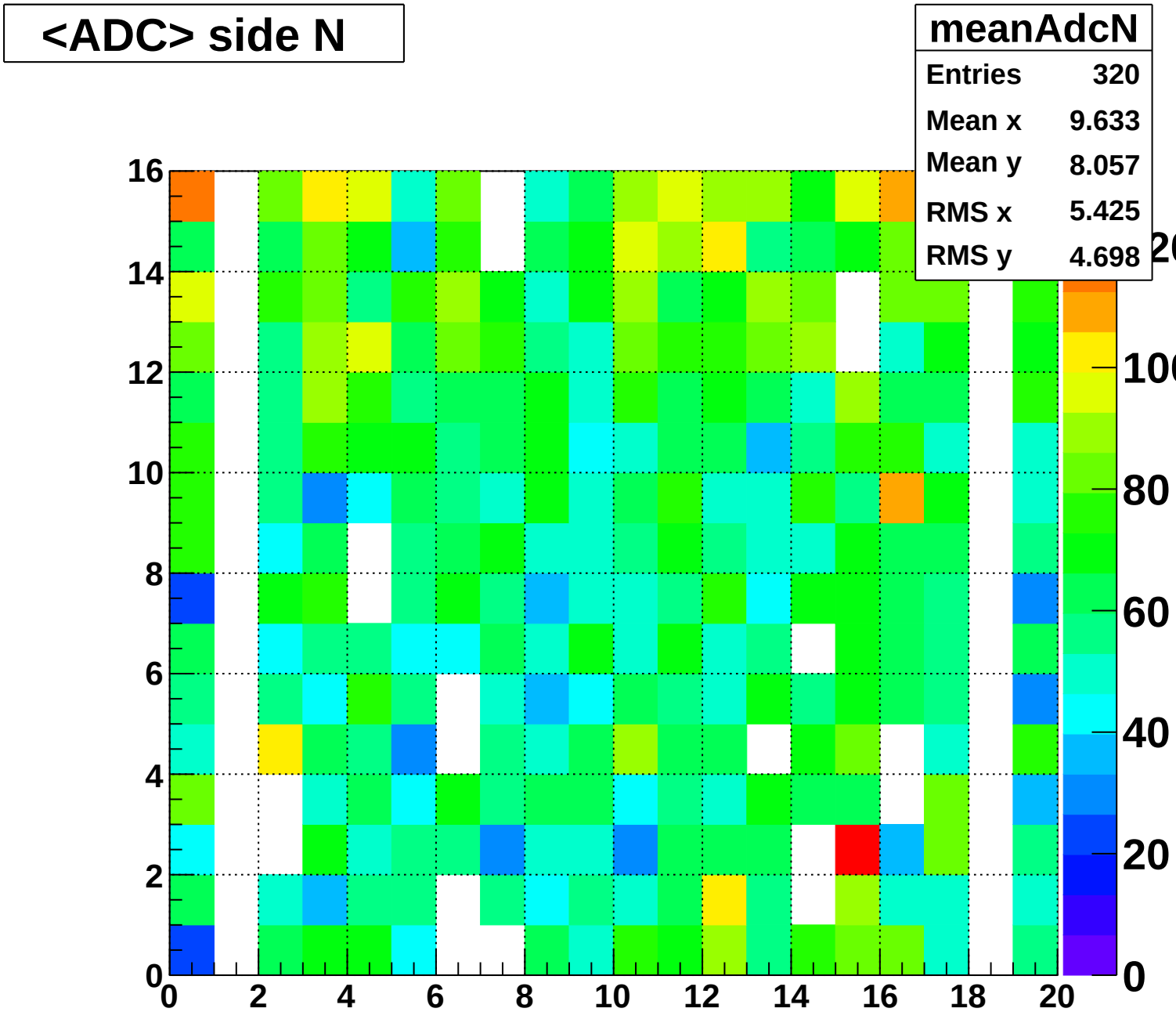

2016-06-20 13:23:50