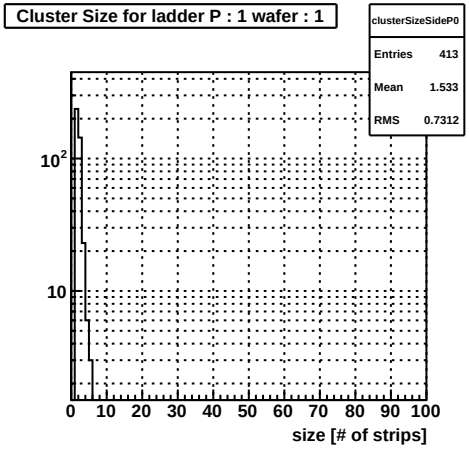
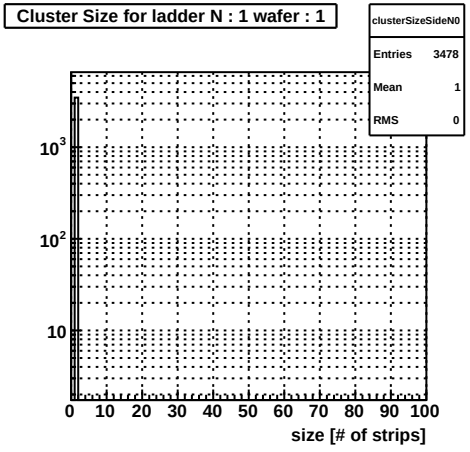
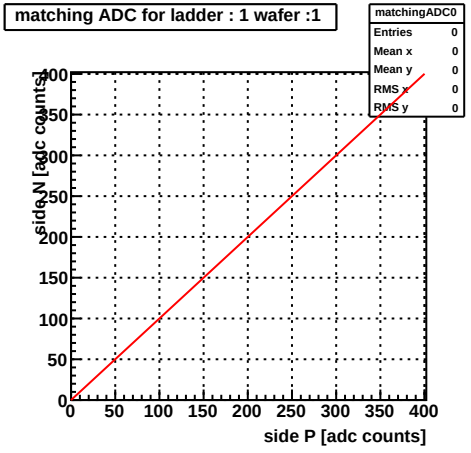
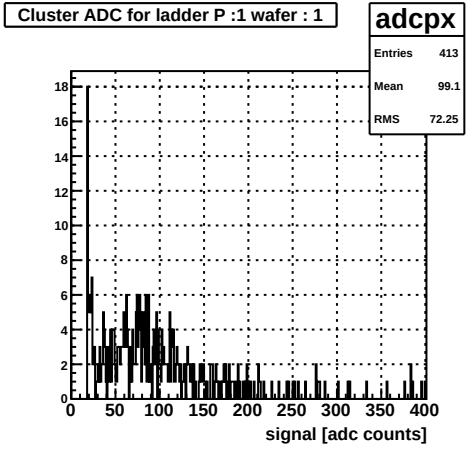
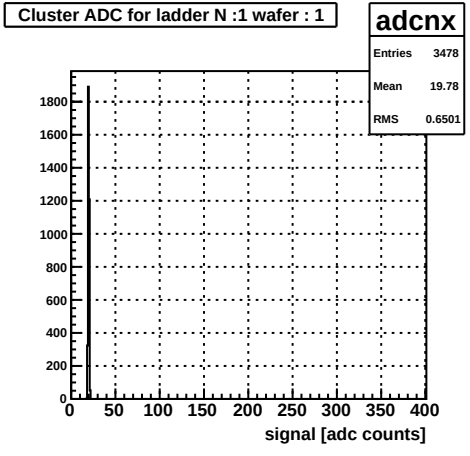
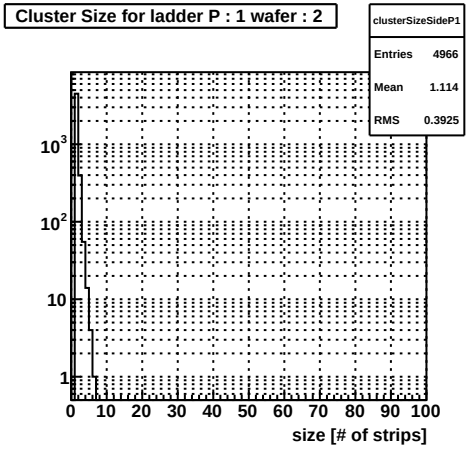

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 413
Mean 1.533
RMS 0.7312
size [# of strips]

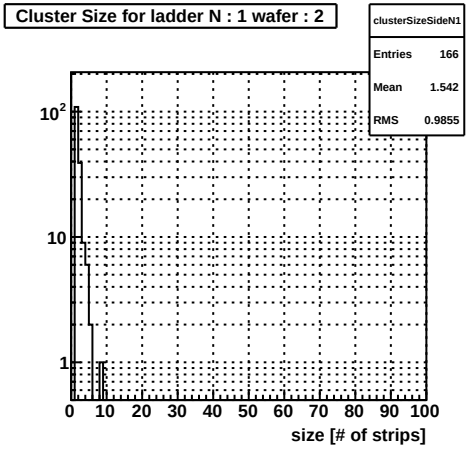

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 3478
Mean 1
RMS 0
size [# of strips]

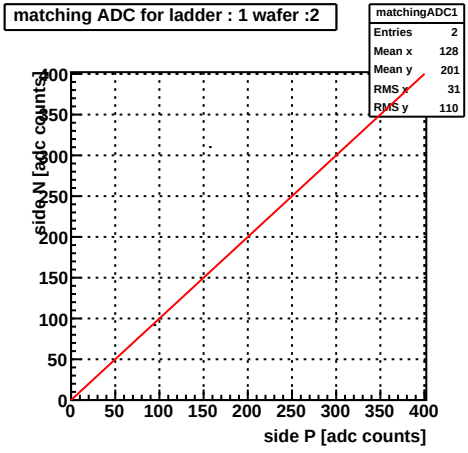

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

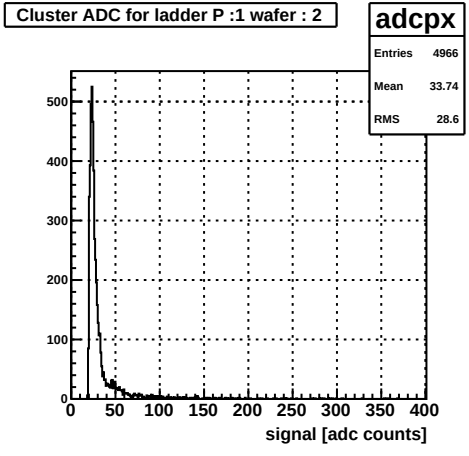

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 413
Mean 99.1
RMS 72.25
signal [adc counts]

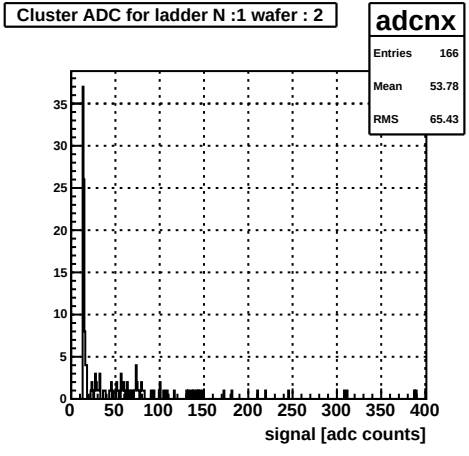

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 3478
Mean 19.78
RMS 0.6501
signal [adc counts]

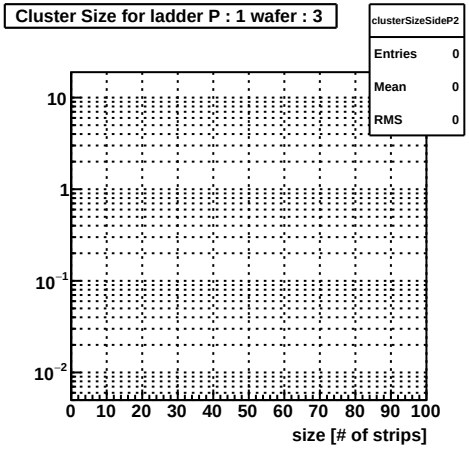

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 4966
Mean 1.114
RMS 0.3925
size [# of strips]

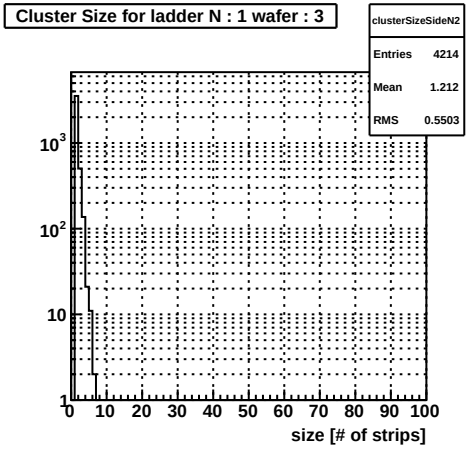

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 166
Mean 1.542
RMS 0.9855
size [# of strips]

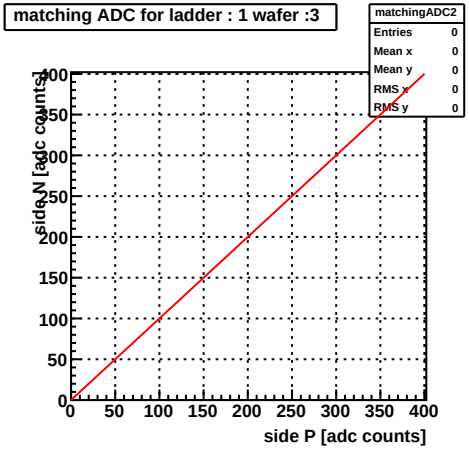

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 2
Mean x 128
Mean y 201
RMS x 31
RMS y 110
side N [adc counts]
side P [adc counts]

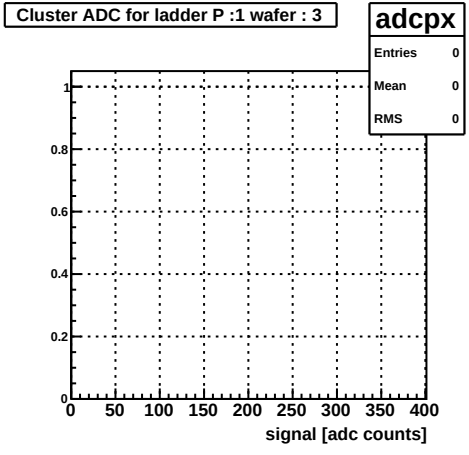

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 4966
Mean 33.74
RMS 28.6
signal [adc counts]

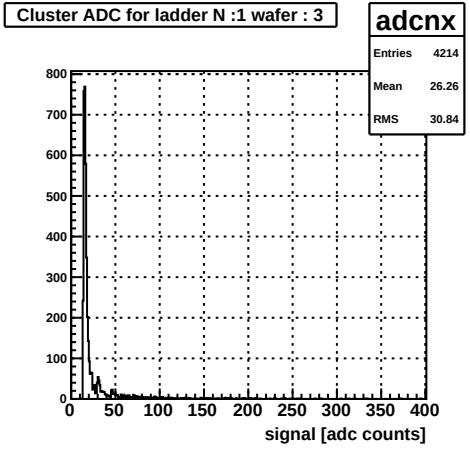

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 166
Mean 53.78
RMS 65.43
signal [adc counts]

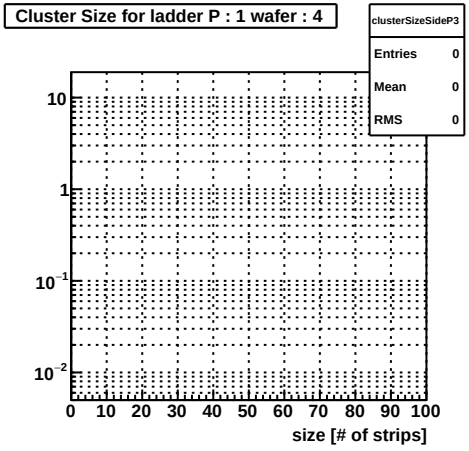

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 0
Mean 0
RMS 0
size [# of strips]

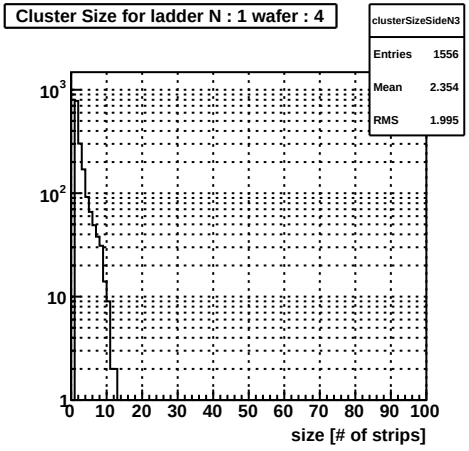

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 4214
Mean 1.212
RMS 0.5503
size [# of strips]

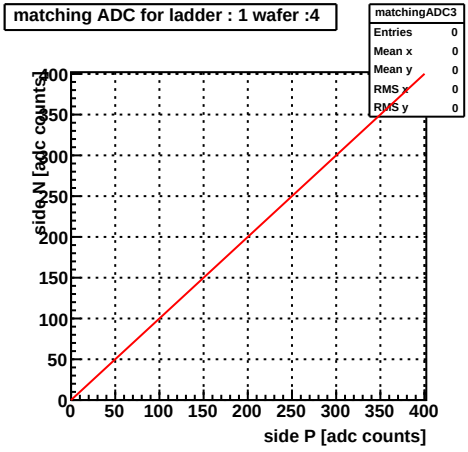

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

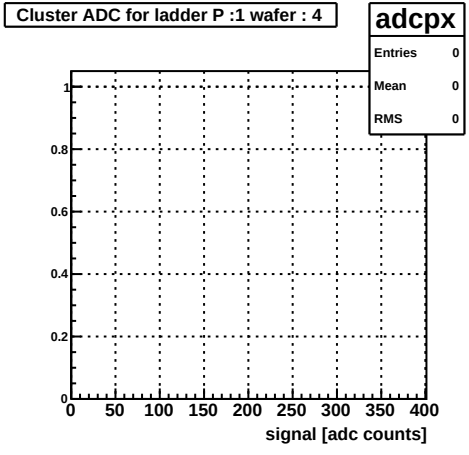

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

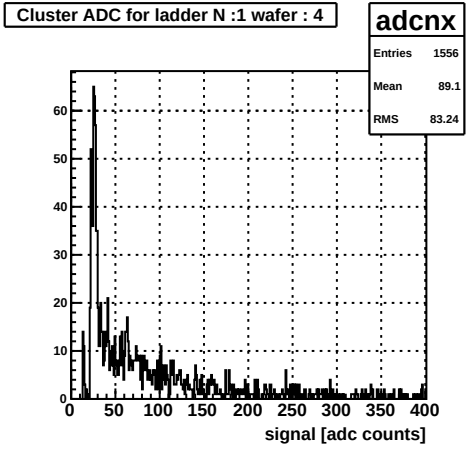

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 4214
Mean 26.26
RMS 30.84
signal [adc counts]

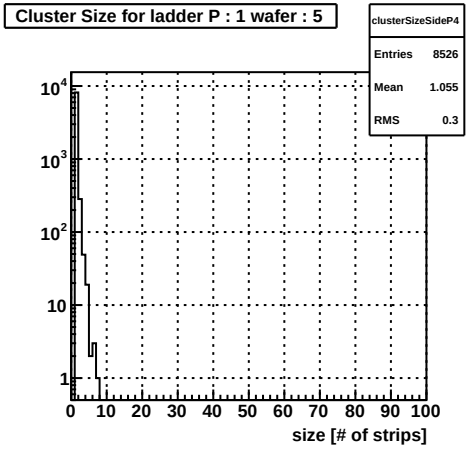

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

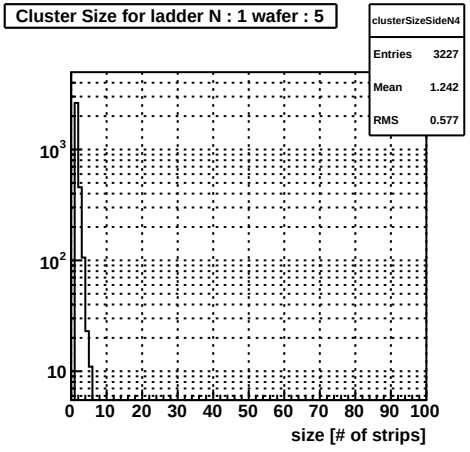

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 1556
Mean 2.354
RMS 1.995
size [# of strips]

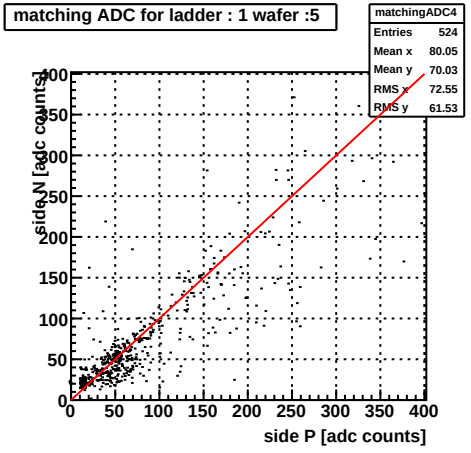

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

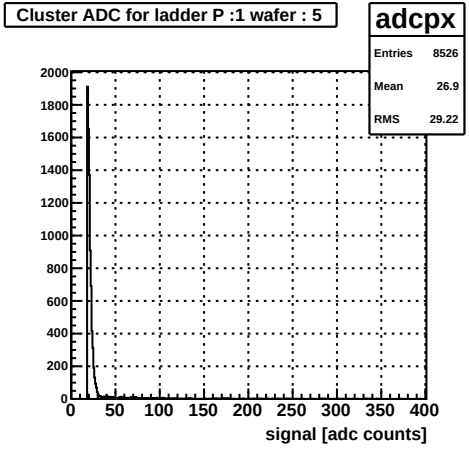

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

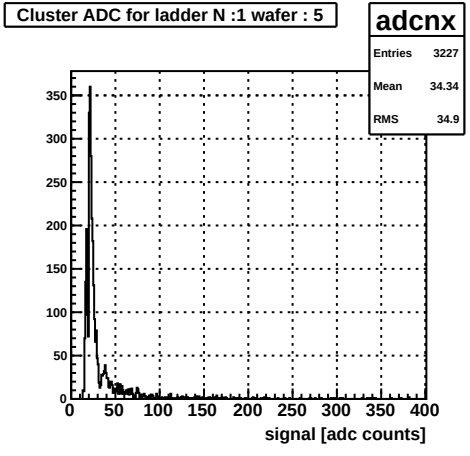

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 1556
Mean 89.1
RMS 83.24
signal [adc counts]

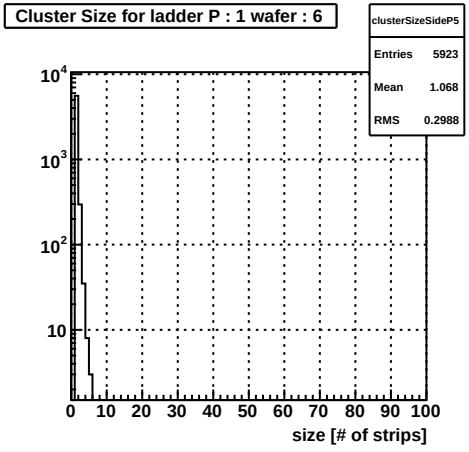

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 8526
Mean 1.055
RMS 0.3
size [# of strips]

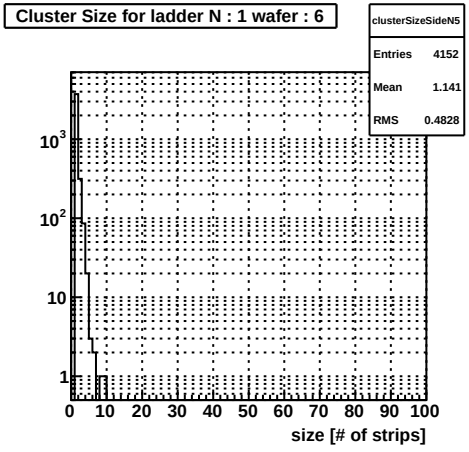

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 3227
Mean 1.242
RMS 0.577
size [# of strips]

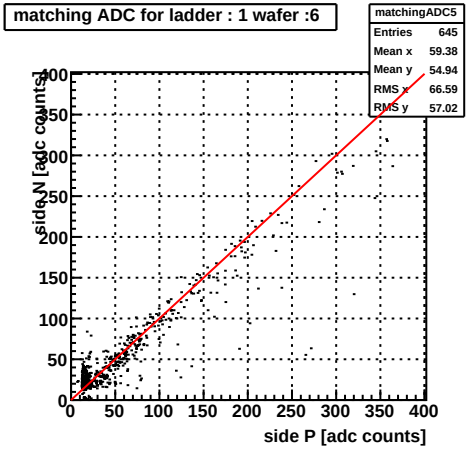

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 524
Mean x 80.05
Mean y 70.03
RMS x 72.55
RMS y 61.53
side N [adc counts]
side P [adc counts]

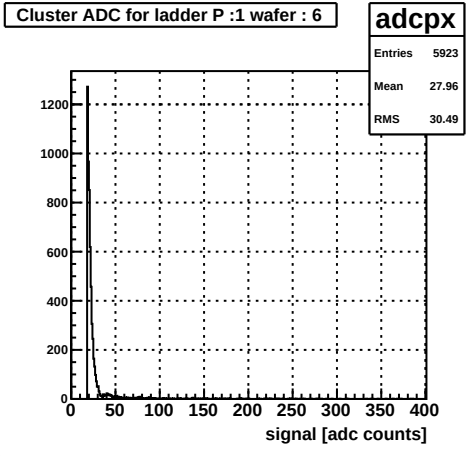

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 8526
Mean 26.9
RMS 29.22
signal [adc counts]

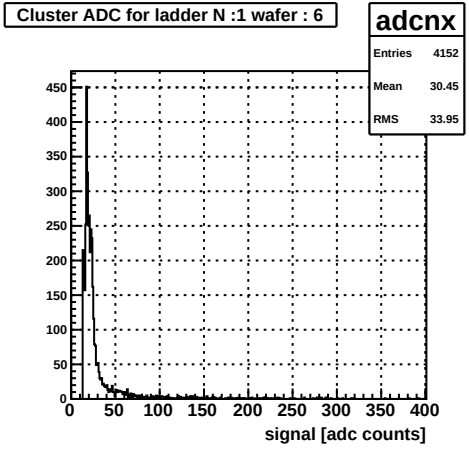

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 3227
Mean 34.34
RMS 34.9
signal [adc counts]

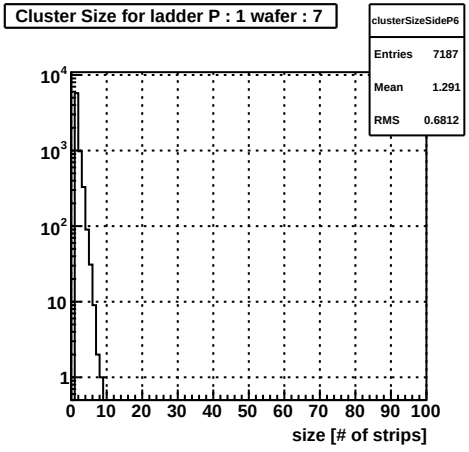

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 5923
Mean 1.068
RMS 0.2988
size [# of strips]

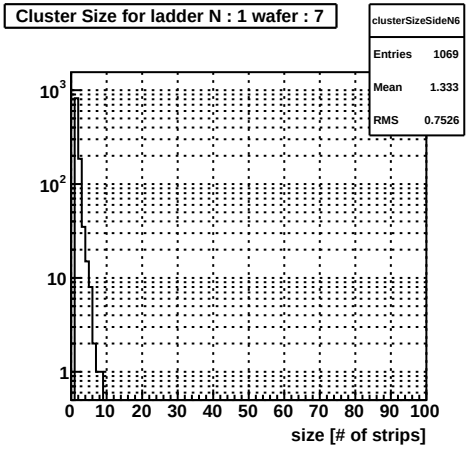

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 4152
Mean 1.141
RMS 0.4828
size [# of strips]

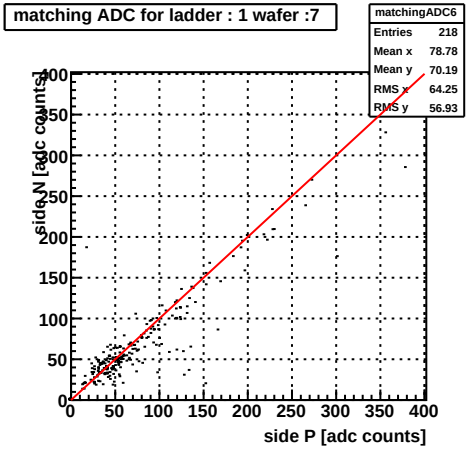

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 645
Mean x 59.38
Mean y 54.94
RMS x 66.59
RMS y 57.02
side N [adc counts]
side P [adc counts]

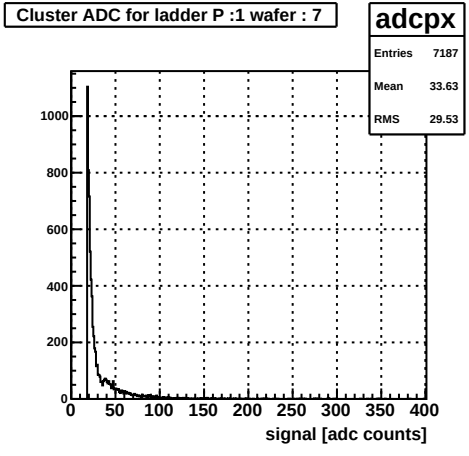

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 5923
Mean 27.96
RMS 30.49
signal [adc counts]

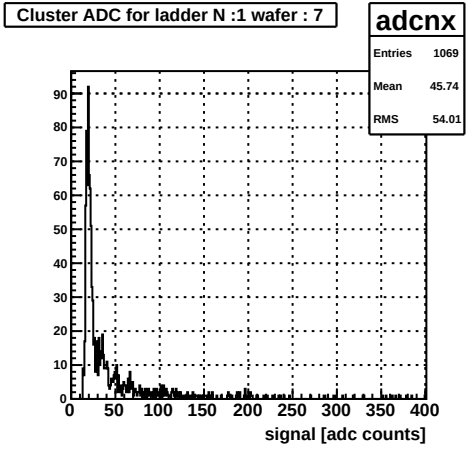

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 4152
Mean 30.45
RMS 33.95
signal [adc counts]

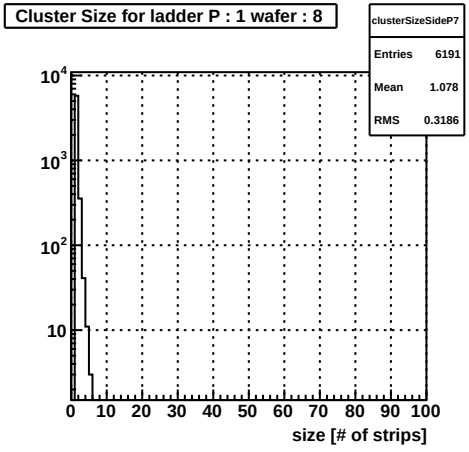

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 7187
Mean 1.291
RMS 0.6812
size [# of strips]

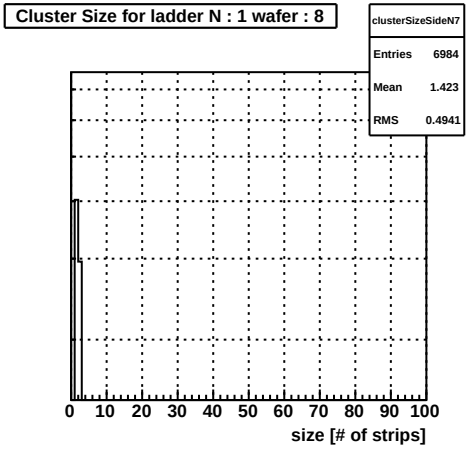

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 1069
Mean 1.333
RMS 0.7526
size [# of strips]

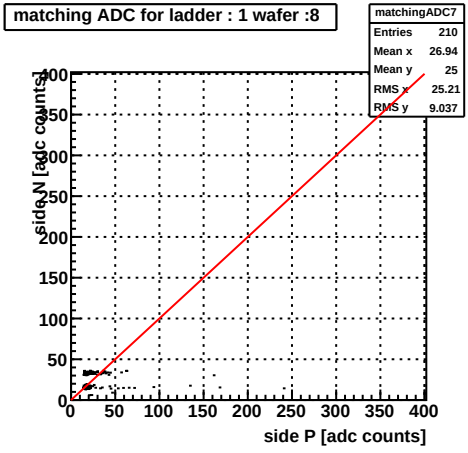

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 218
Mean x 78.78
Mean y 70.19
RMS x 64.25
RMS y 56.93
side N [adc counts]
side P [adc counts]

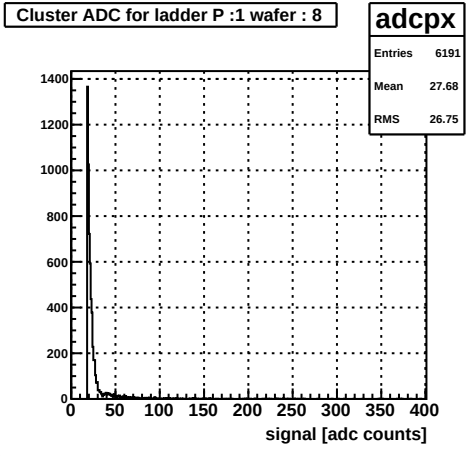

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 7187
Mean 33.63
RMS 29.53
signal [adc counts]

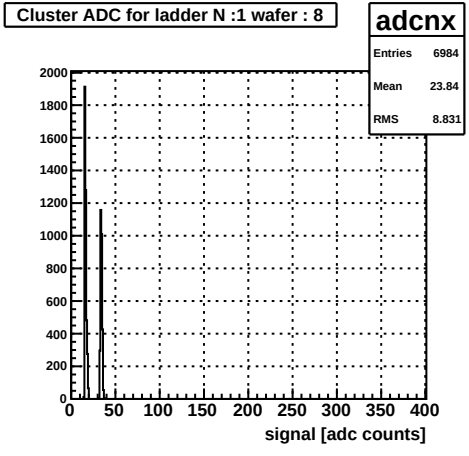

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 1069
Mean 45.74
RMS 54.01
signal [adc counts]

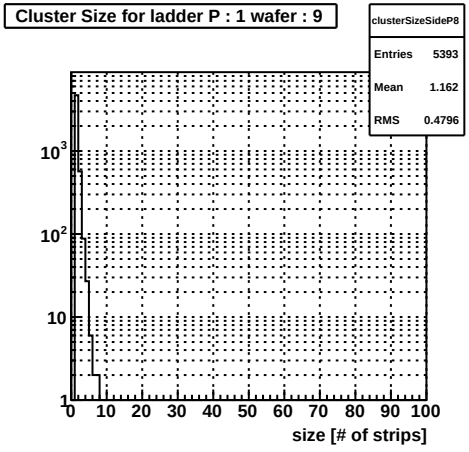

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 6191
Mean 1.078
RMS 0.3186
size [# of strips]

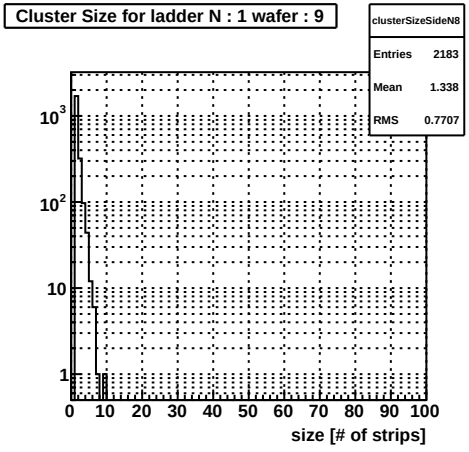

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 6984
Mean 1.423
RMS 0.4941
size [# of strips]

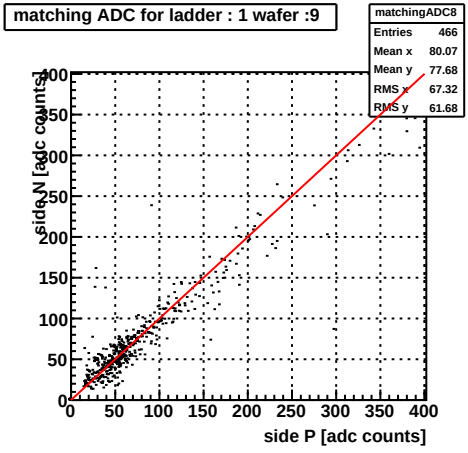

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 210
Mean x 26.94
Mean y 25
RMS x 25.21
RMS y 9.037
side N [adc counts]
side P [adc counts]

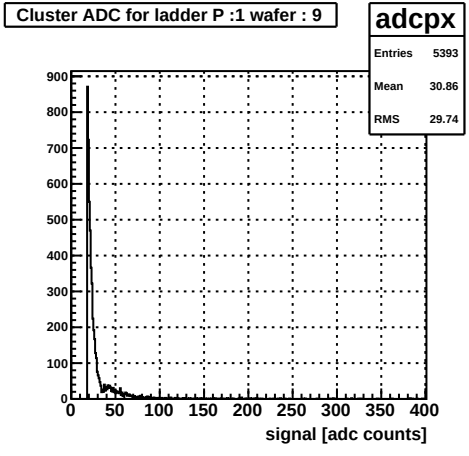

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 6191
Mean 27.68
RMS 26.75
signal [adc counts]

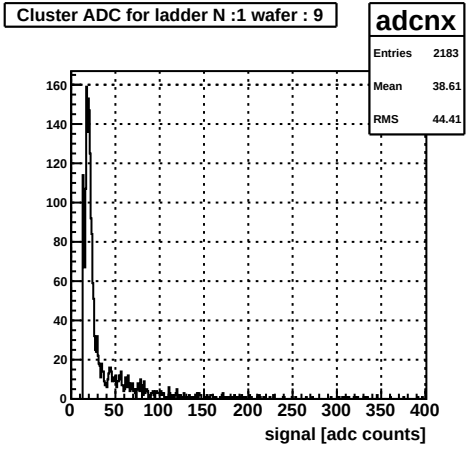

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 6984
Mean 23.84
RMS 8.831
signal [adc counts]

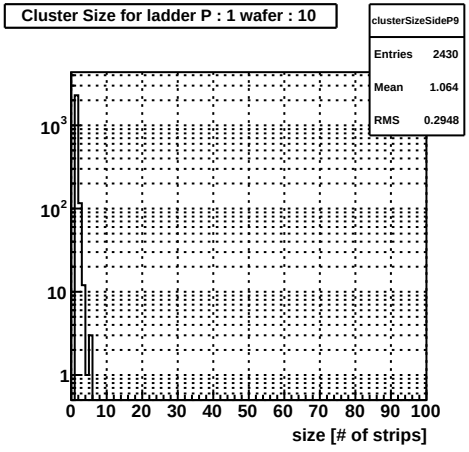

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 5393
Mean 1.162
RMS 0.4796
size [# of strips]

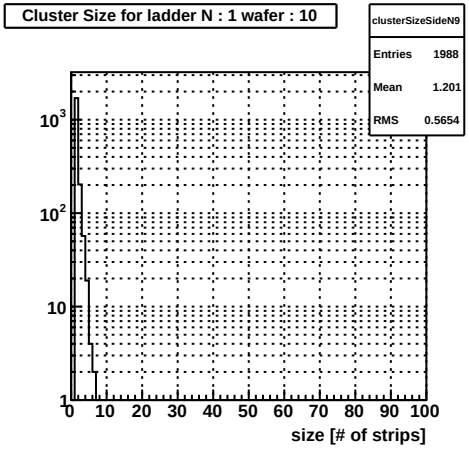

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 2183
Mean 1.338
RMS 0.7707
size [# of strips]

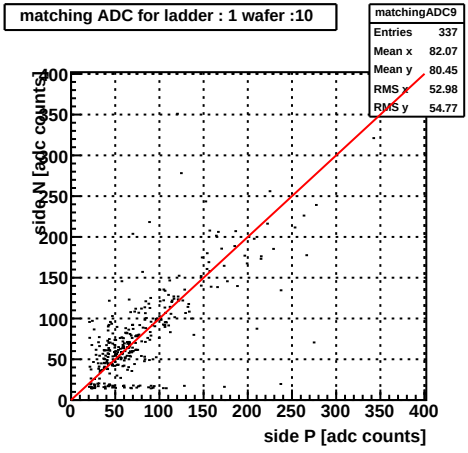

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 466
Mean x 80.07
Mean y 77.68
RMS x 67.32
RMS y 61.68
side N [adc counts]
side P [adc counts]

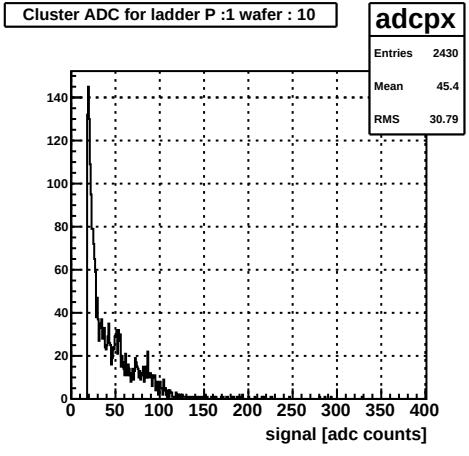

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 5393
Mean 30.86
RMS 29.74
signal [adc counts]

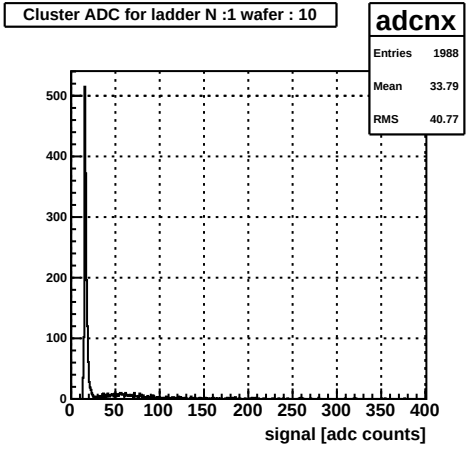

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 2183
Mean 38.61
RMS 44.41
signal [adc counts]

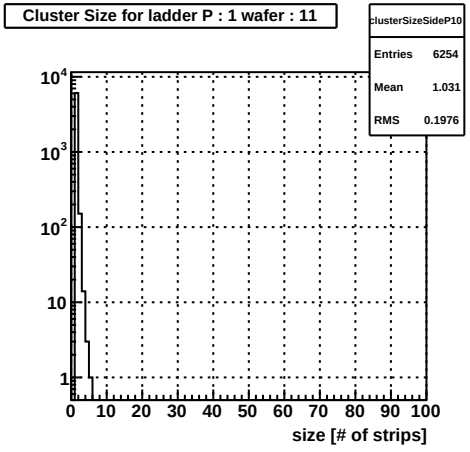

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 2430
Mean 1.064
RMS 0.2948
size [# of strips]

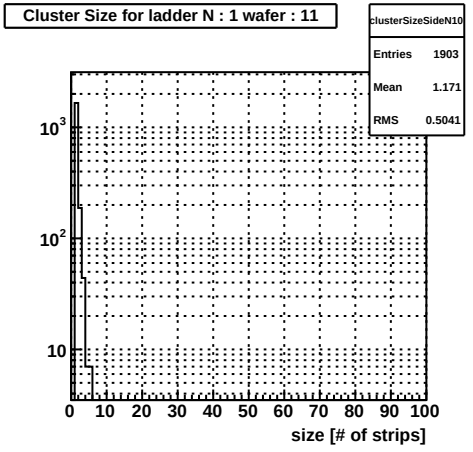

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 1988
Mean 1.201
RMS 0.5654
size [# of strips]

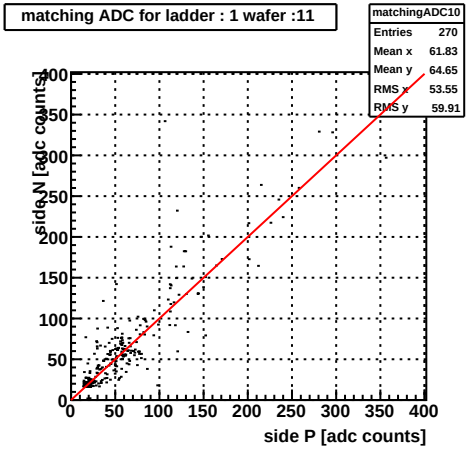

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 337
Mean x 82.07
Mean y 80.45
RMS x 52.98
RMS y 54.77
side N [adc counts]
side P [adc counts]

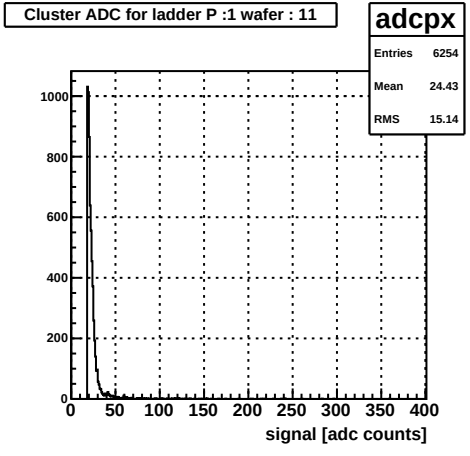

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 2430
Mean 45.4
RMS 30.79
signal [adc counts]

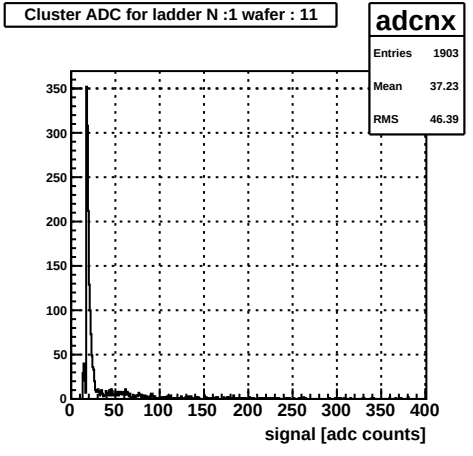

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 1988
Mean 33.79
RMS 40.77
signal [adc counts]

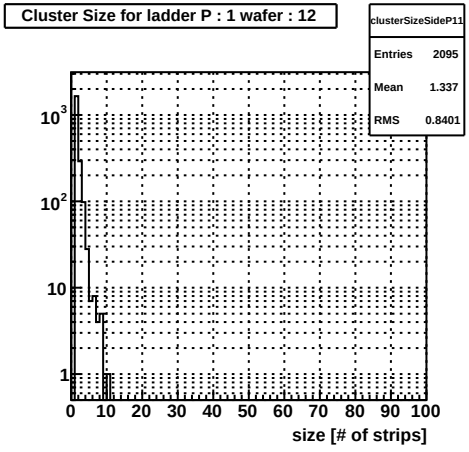

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 6254
Mean 1.031
RMS 0.1976
size [# of strips]

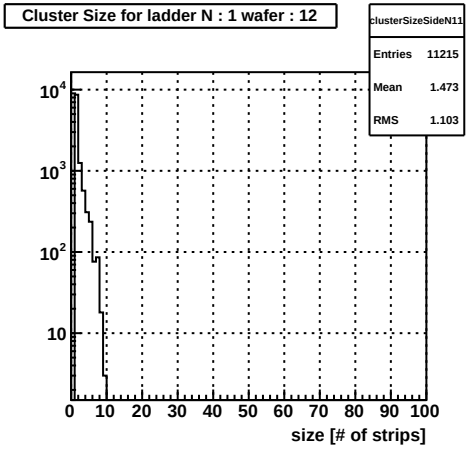

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 1903
Mean 1.171
RMS 0.5041
size [# of strips]

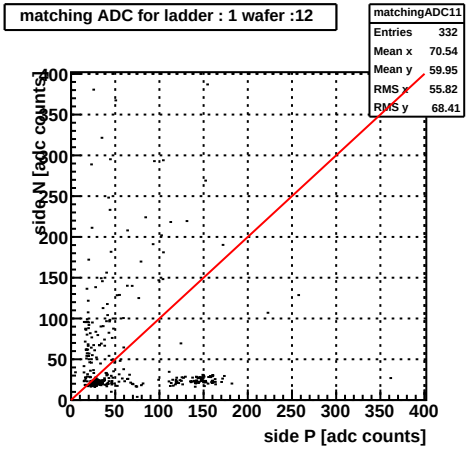

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 270
Mean x 61.83
Mean y 64.65
RMS x 53.55
RMS y 59.91
side N [adc counts]
side P [adc counts]

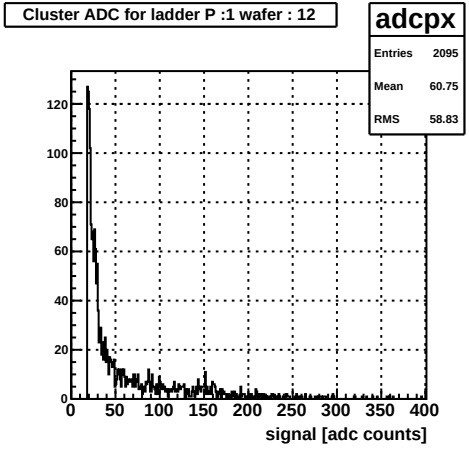

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 6254
Mean 24.43
RMS 15.14
signal [adc counts]

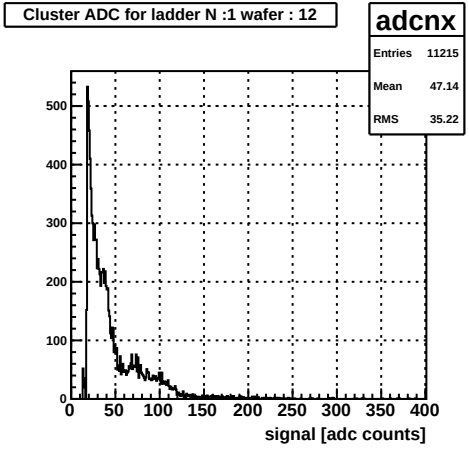

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 1903
Mean 37.23
RMS 46.39
signal [adc counts]

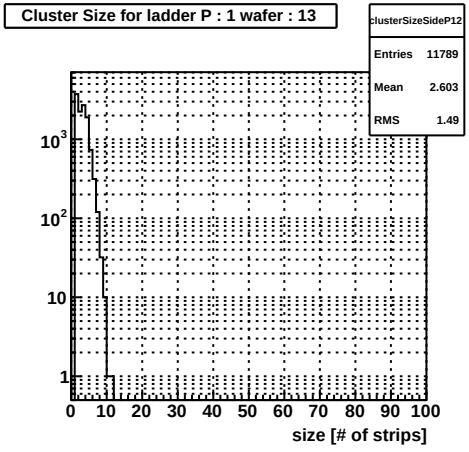

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2095
Mean 1.337
RMS 0.8401
size [# of strips]

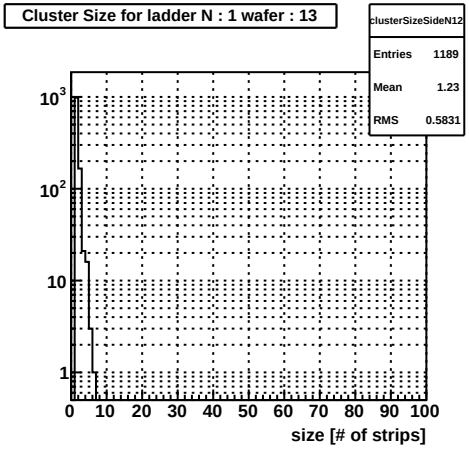

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 11215
Mean 1.473
RMS 1.103
size [# of strips]

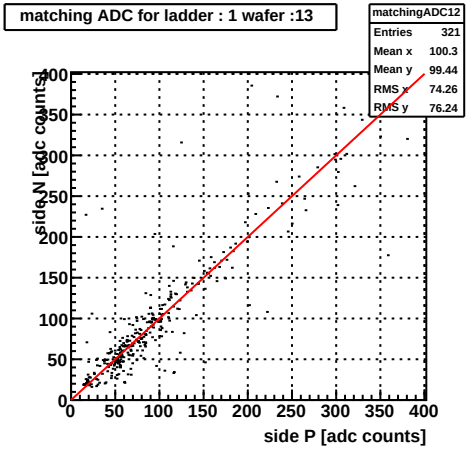

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 332
Mean x 70.54
Mean y 59.95
RMS x 55.82
RMS y 68.41
side N [adc counts]
side P [adc counts]

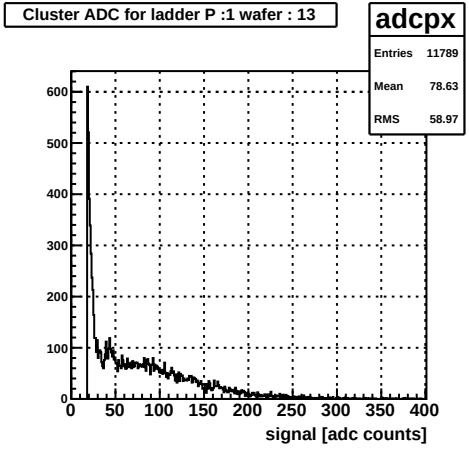

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2095
Mean 60.75
RMS 58.83
signal [adc counts]

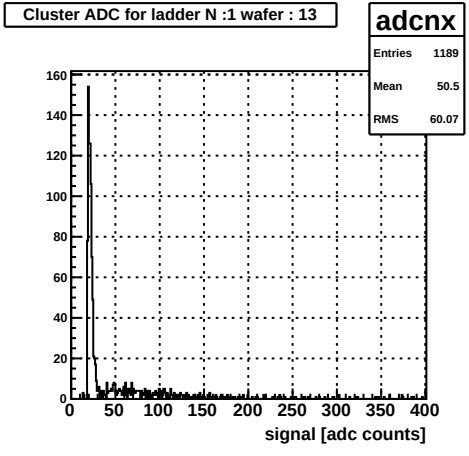

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 11215
Mean 47.14
RMS 35.22
signal [adc counts]

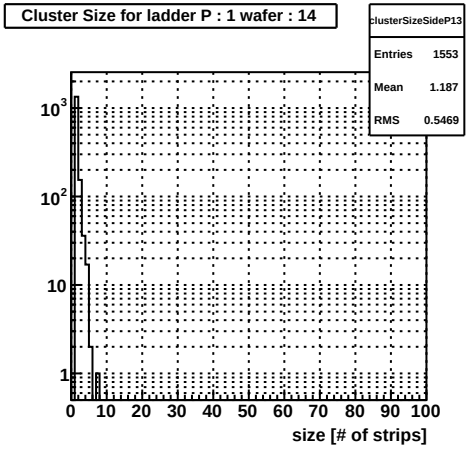

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 11789
Mean 2.603
RMS 1.49
size [# of strips]

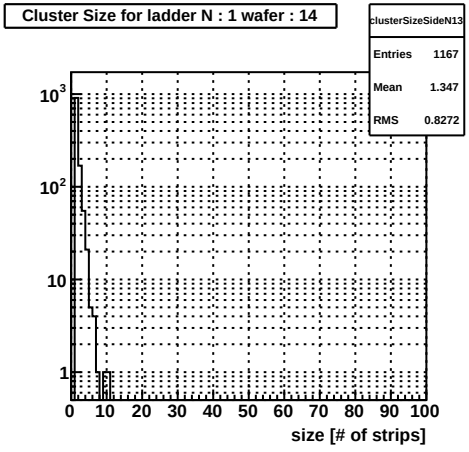

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 1189
Mean 1.23
RMS 0.5831
size [# of strips]

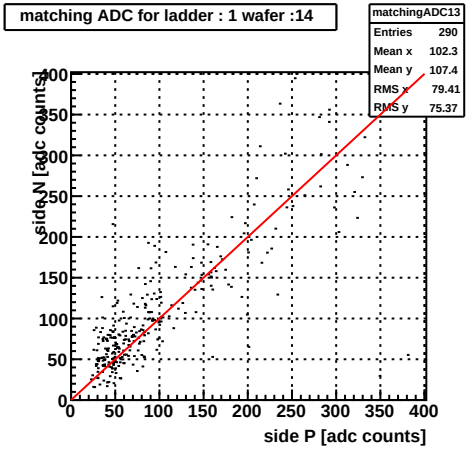

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 321
Mean x 100.3
Mean y 99.44
RMS x 74.26
RMS y 76.24
side N [adc counts]
side P [adc counts]

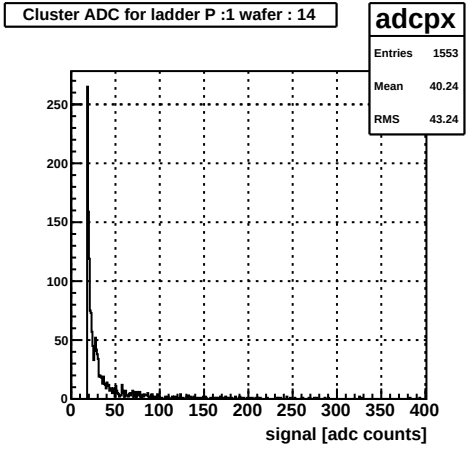

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 11789
Mean 78.63
RMS 58.97
signal [adc counts]

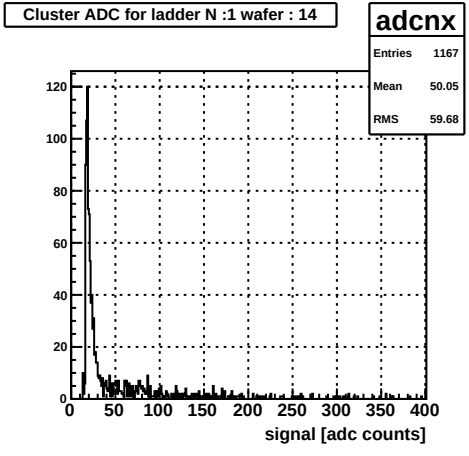

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 1189
Mean 50.5
RMS 60.07
signal [adc counts]

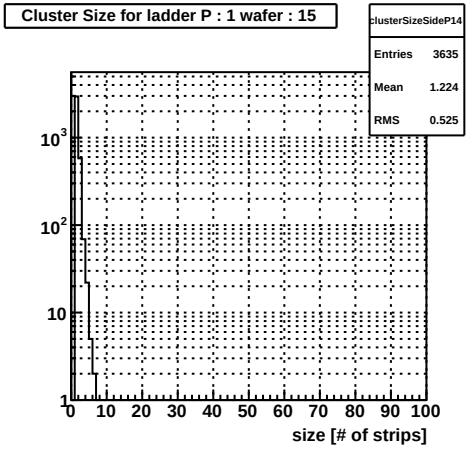

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 1553
Mean 1.187
RMS 0.5469
size [# of strips]

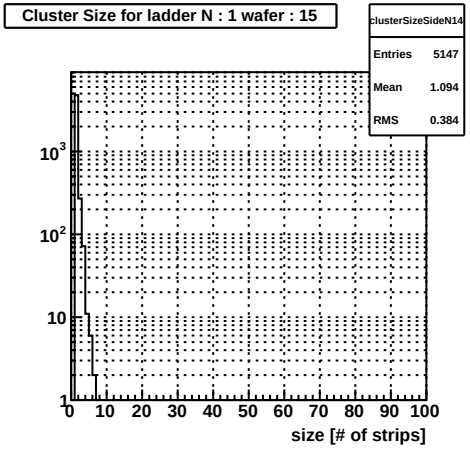

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 1167
Mean 1.347
RMS 0.8272
size [# of strips]

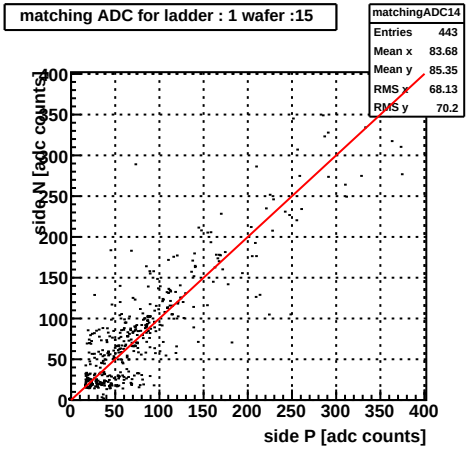

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 290
Mean x 102.3
Mean y 107.4
RMS x 79.41
RMS y 75.37
side N [adc counts]
side P [adc counts]

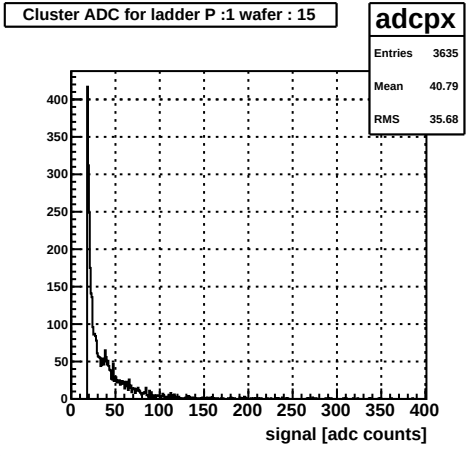

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 1553
Mean 40.24
RMS 43.24
signal [adc counts]

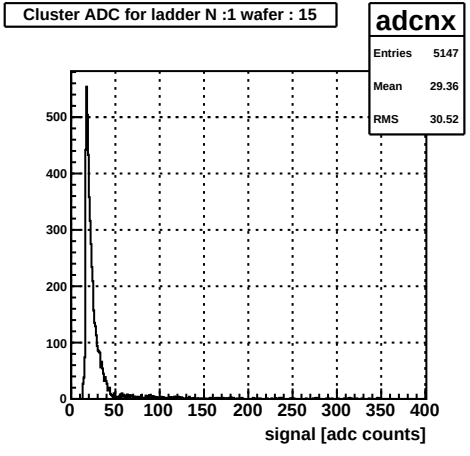

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 1167
Mean 50.05
RMS 59.68
signal [adc counts]

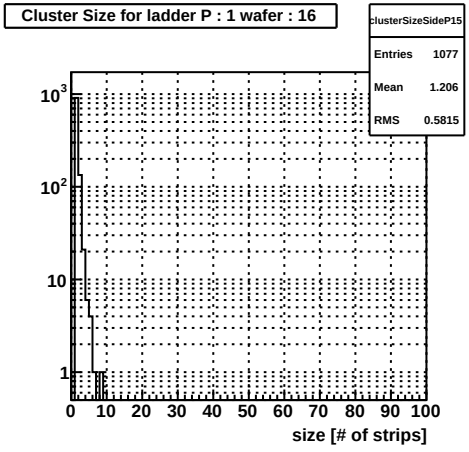

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 3635
Mean 1.224
RMS 0.525
size [# of strips]

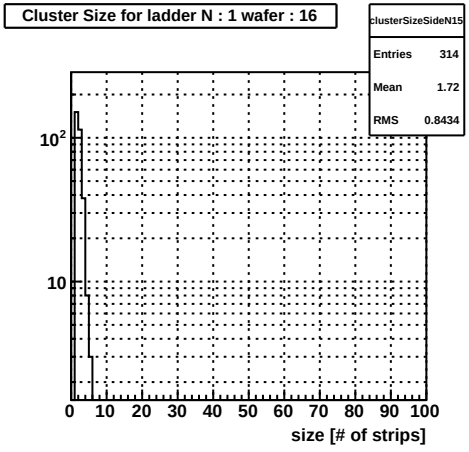

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 5147
Mean 1.094
RMS 0.384
size [# of strips]

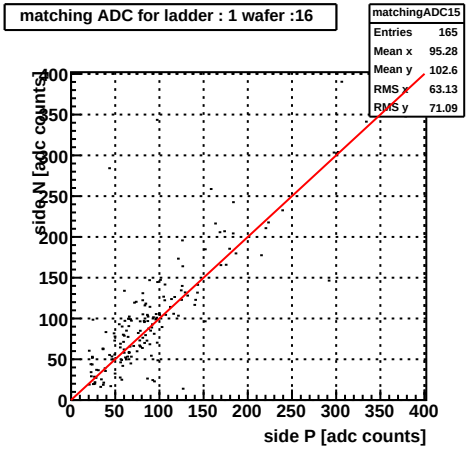

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 443
Mean x 83.68
Mean y 85.35
RMS x 68.13
RMS y 70.2
side N [adc counts]
side P [adc counts]

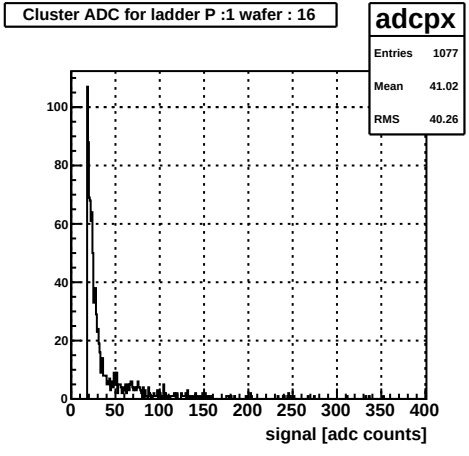

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 3635
Mean 40.79
RMS 35.68
signal [adc counts]

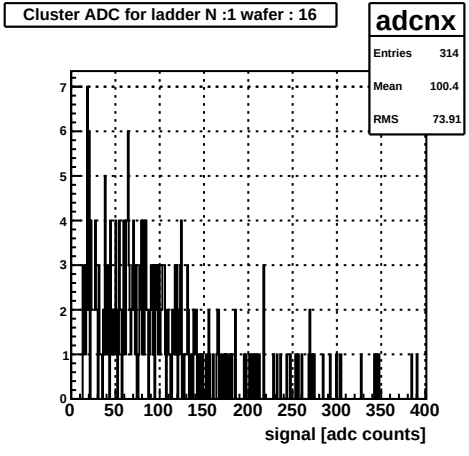

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 5147
Mean 29.36
RMS 30.52
signal [adc counts]

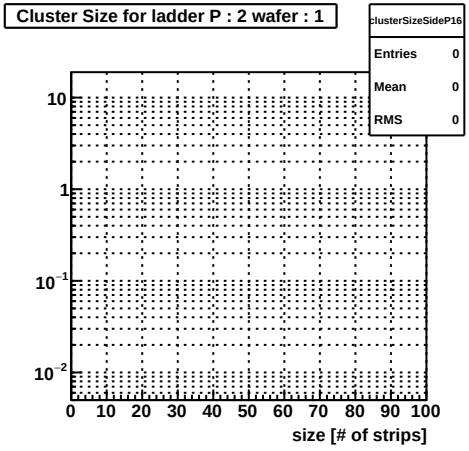

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 1077
Mean 1.206
RMS 0.5815
size [# of strips]

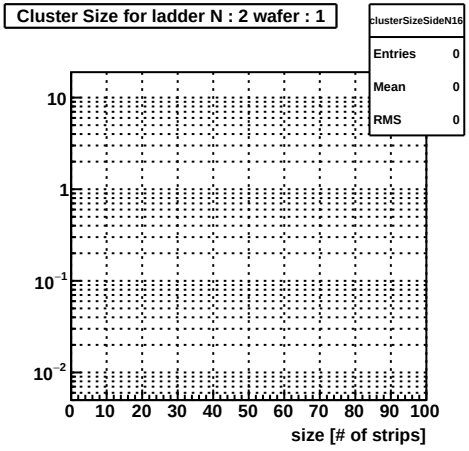

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 314
Mean 1.72
RMS 0.8434
size [# of strips]

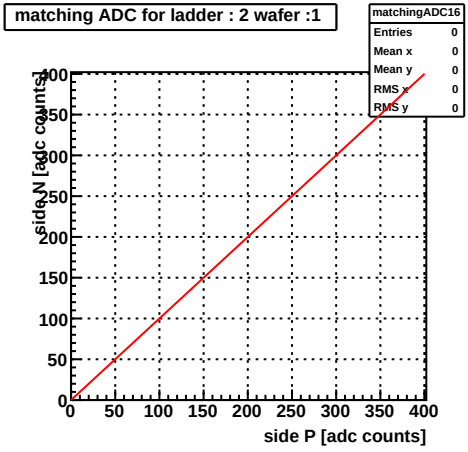

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 165
Mean x 95.28
Mean y 102.6
RMS x 63.13
RMS y 71.09
side N [adc counts]
side P [adc counts]

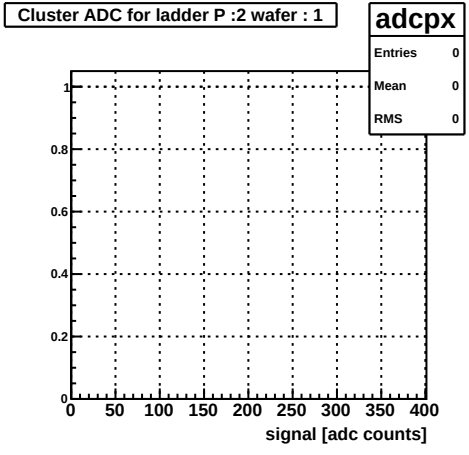

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 1077
Mean 41.02
RMS 40.26
signal [adc counts]

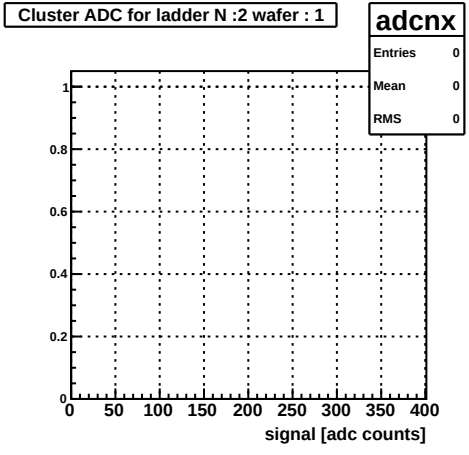

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 314
Mean 100.4
RMS 73.91
signal [adc counts]

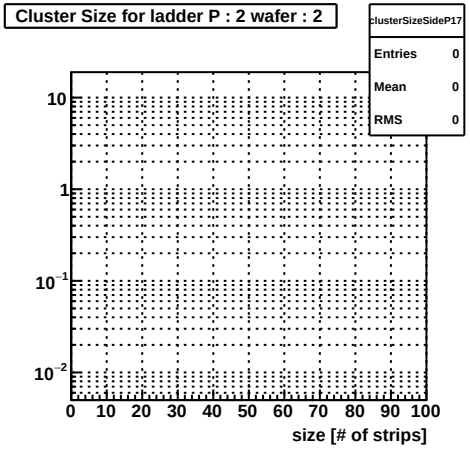

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

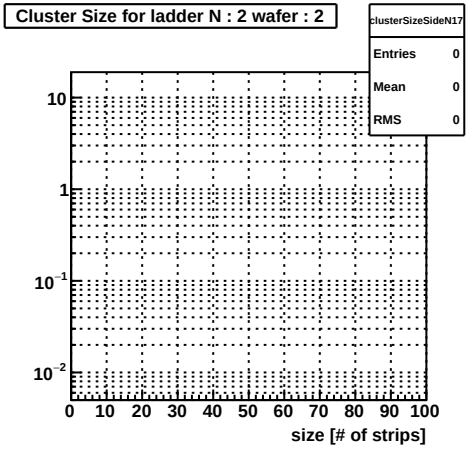

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

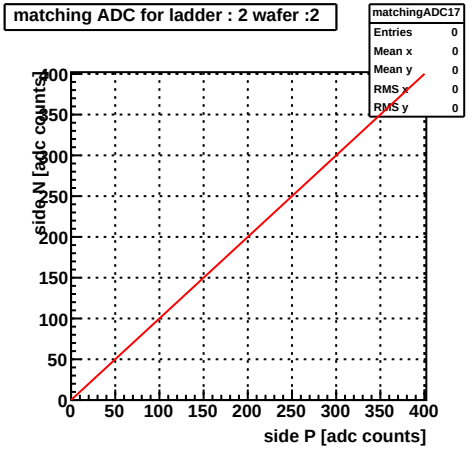

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

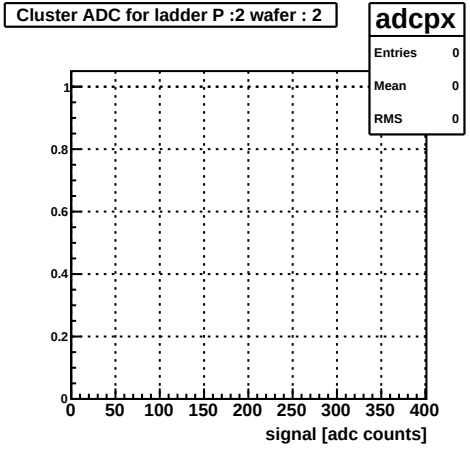

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

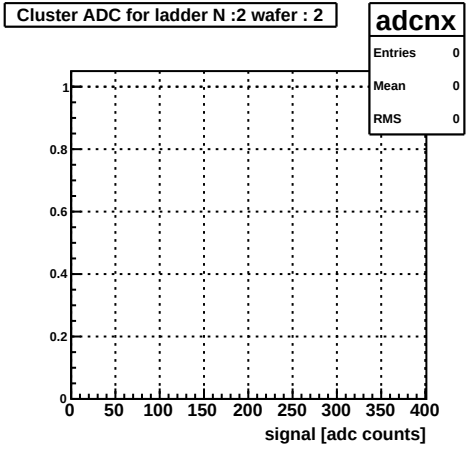

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

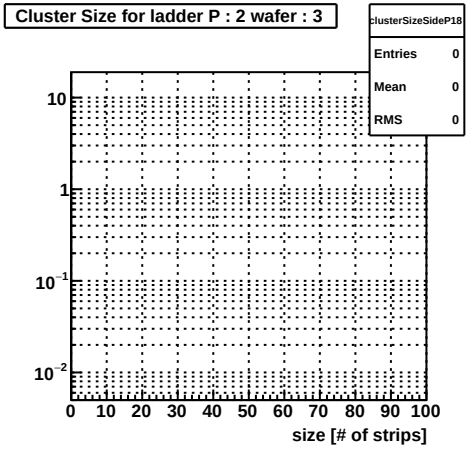

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

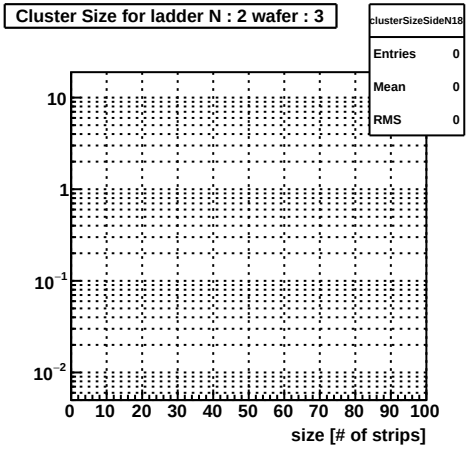

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

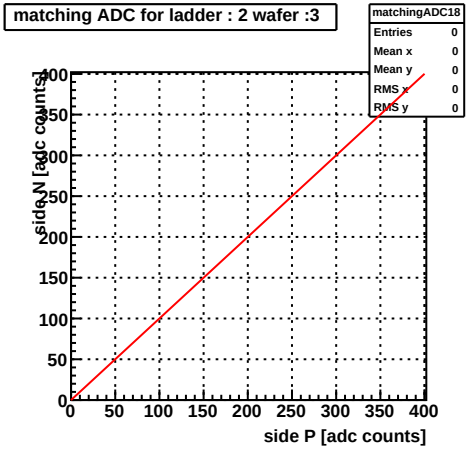

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

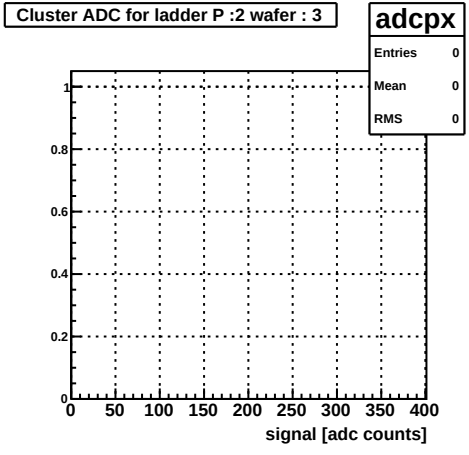

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

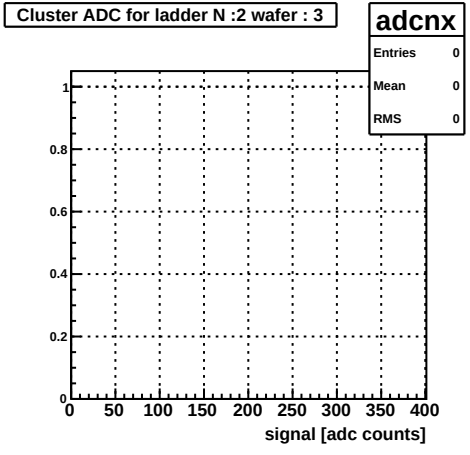

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

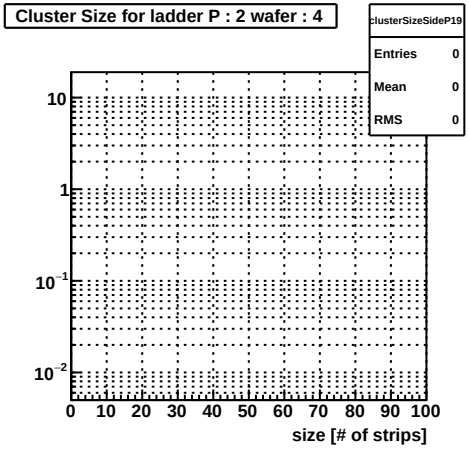

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

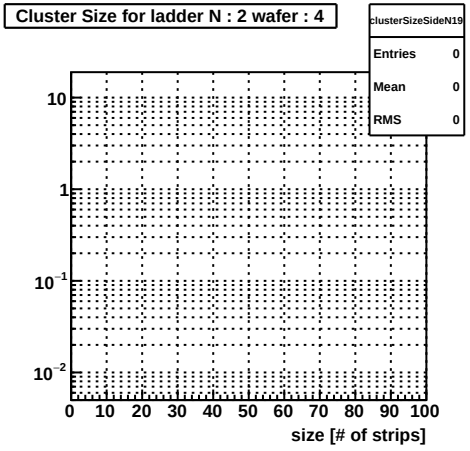

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

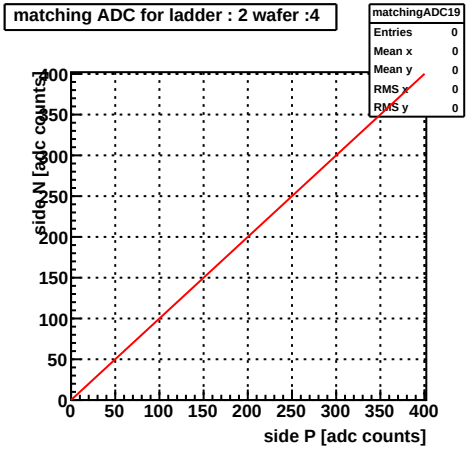

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

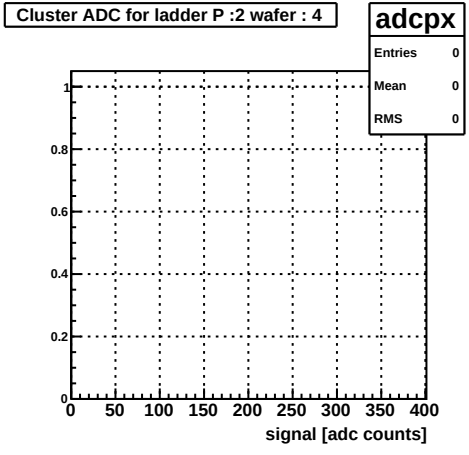

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

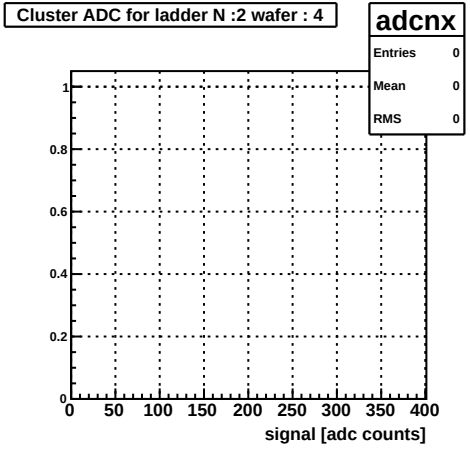

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

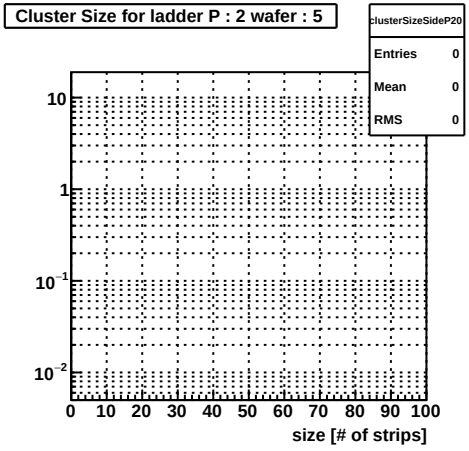

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

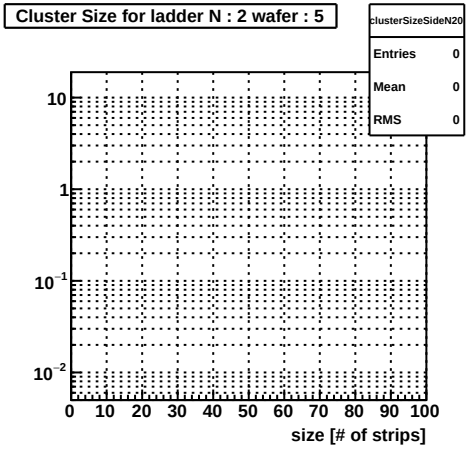

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

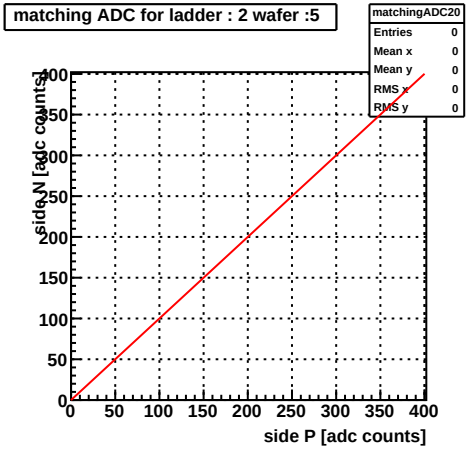

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

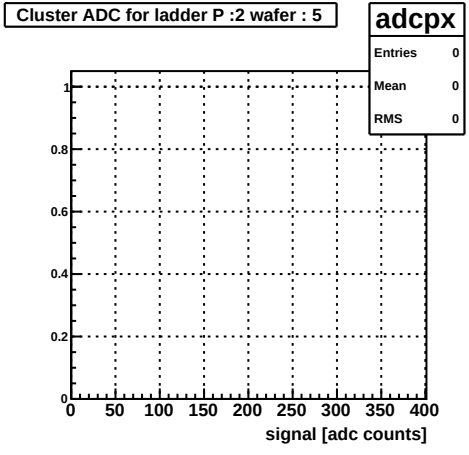

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

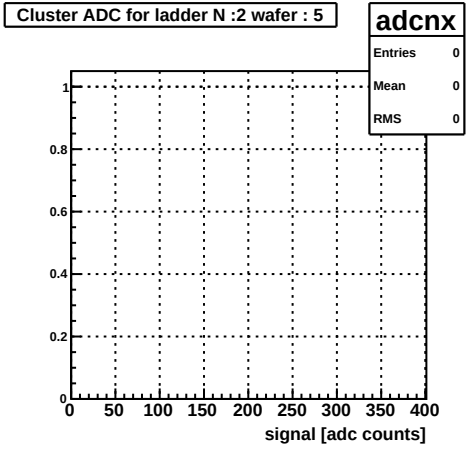

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

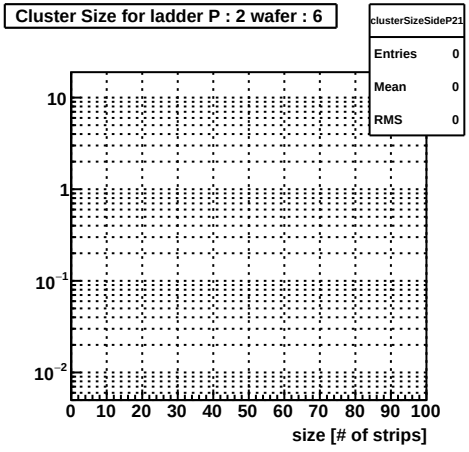

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

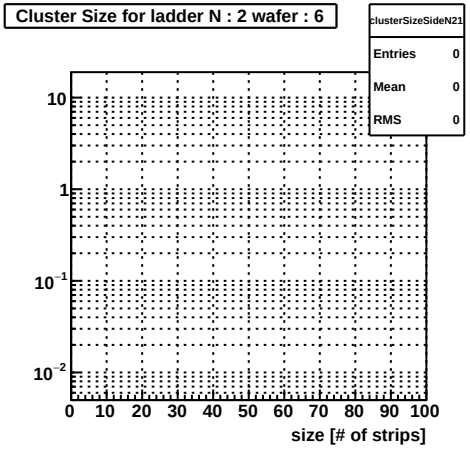

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

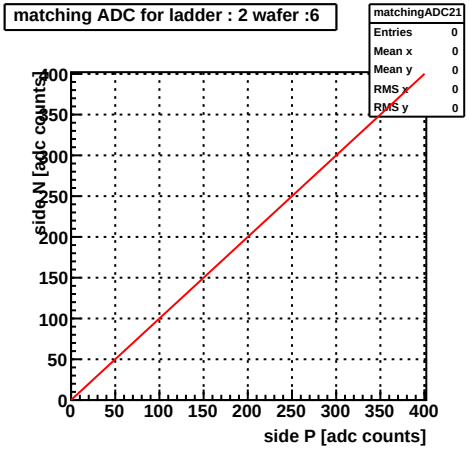

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

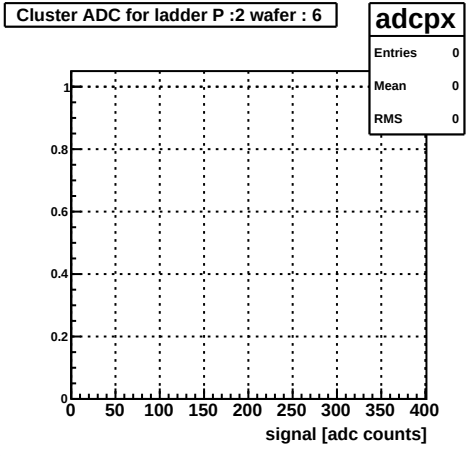

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

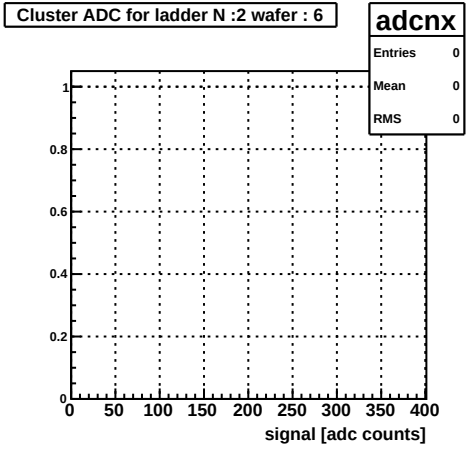

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

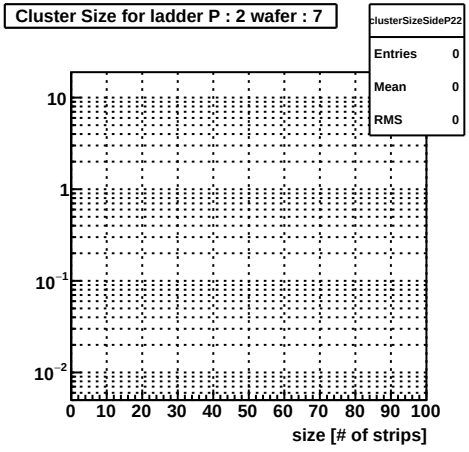

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

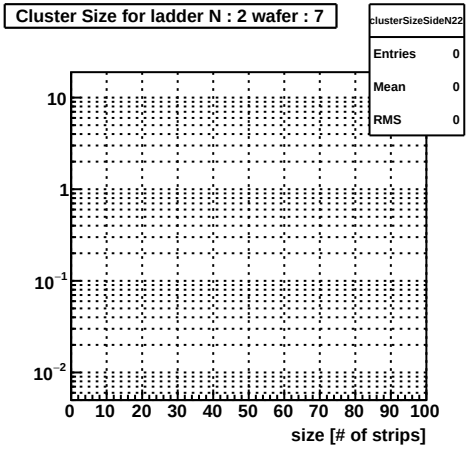

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

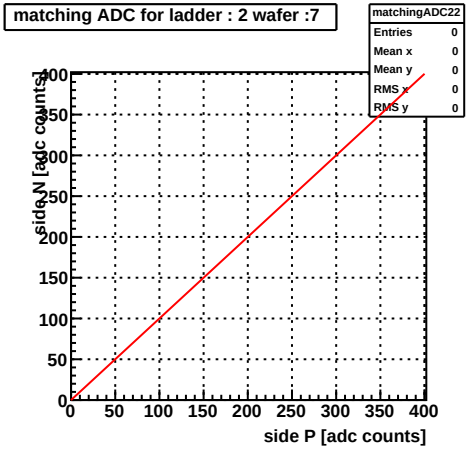

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

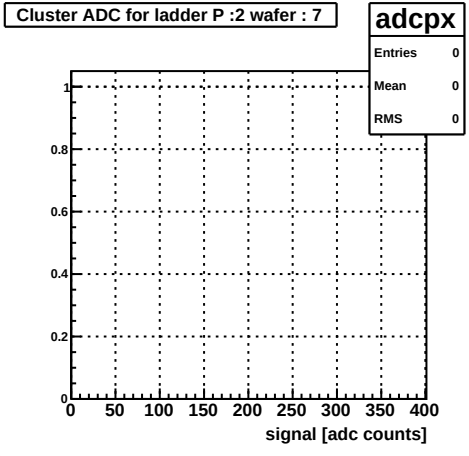

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

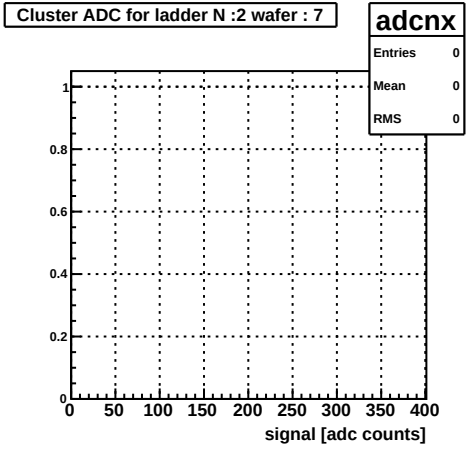

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

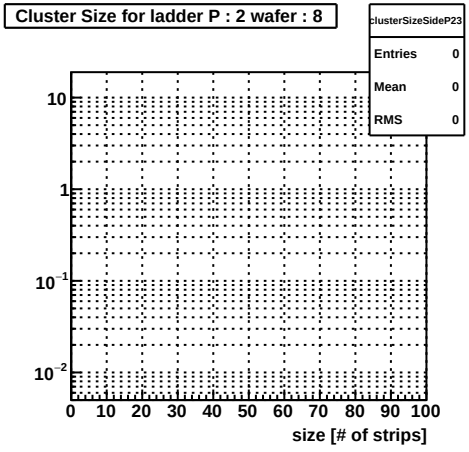

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

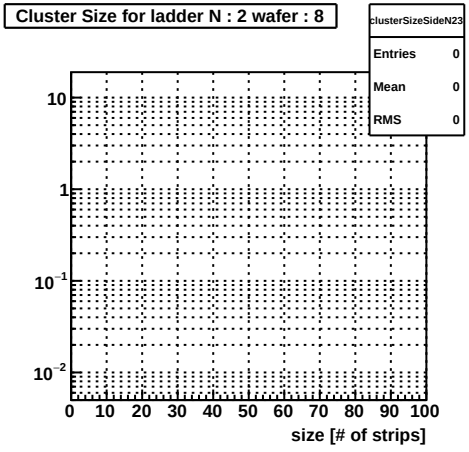

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

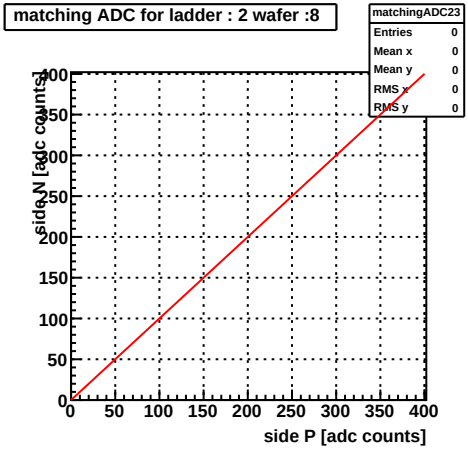

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

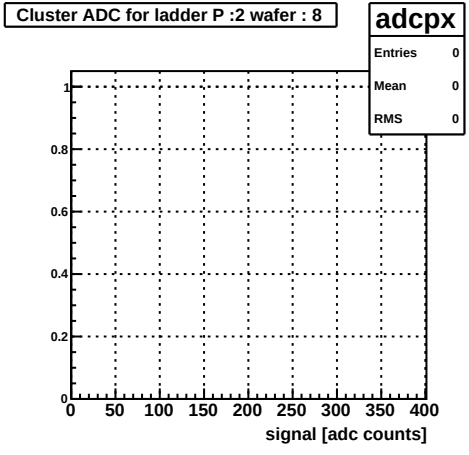

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

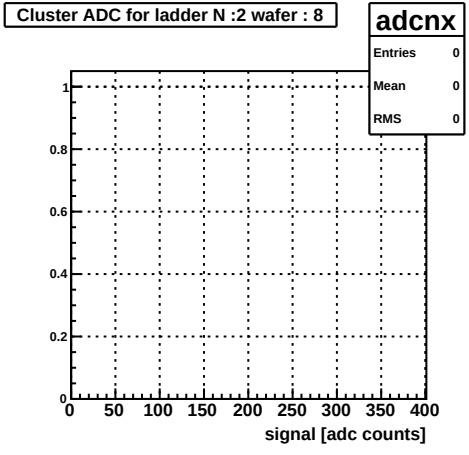

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

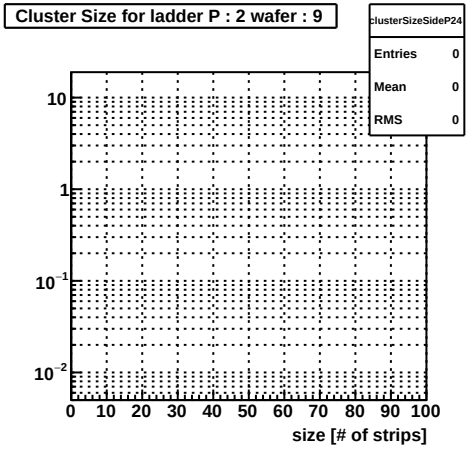

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

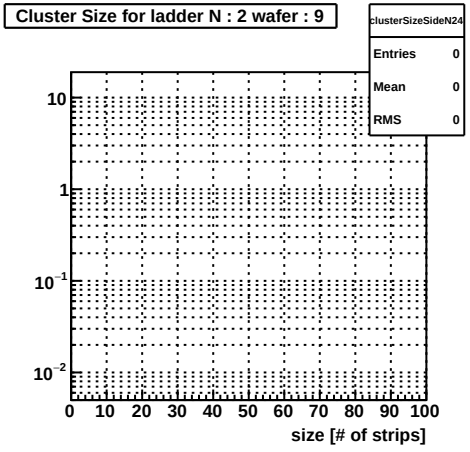

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

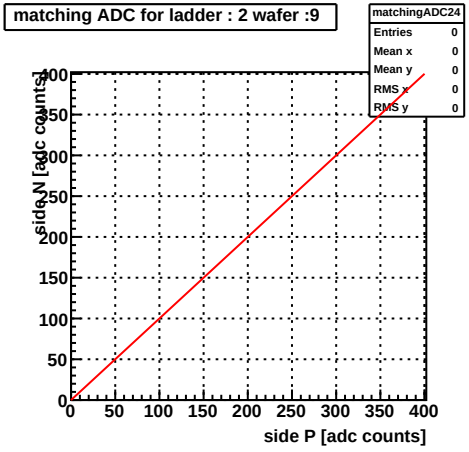

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

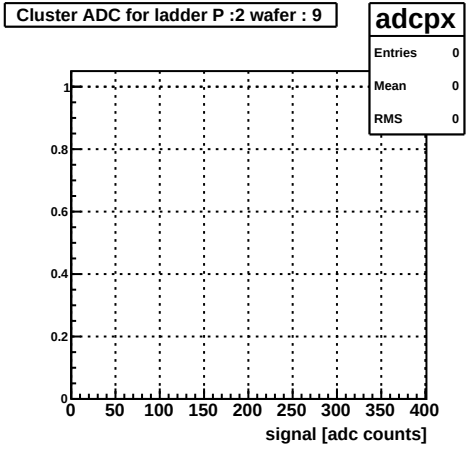

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

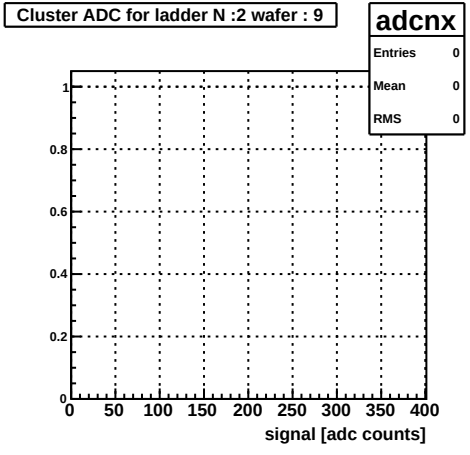

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

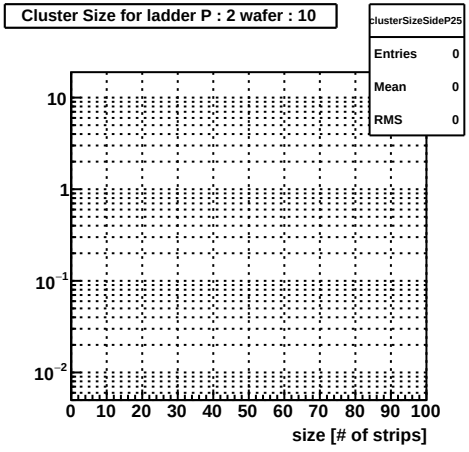

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

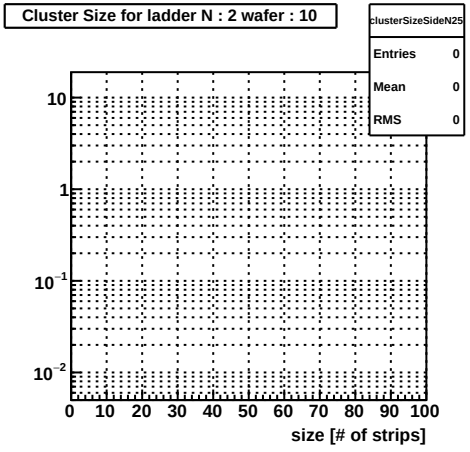

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

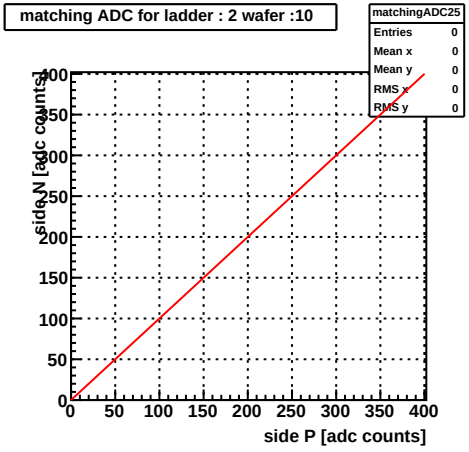

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

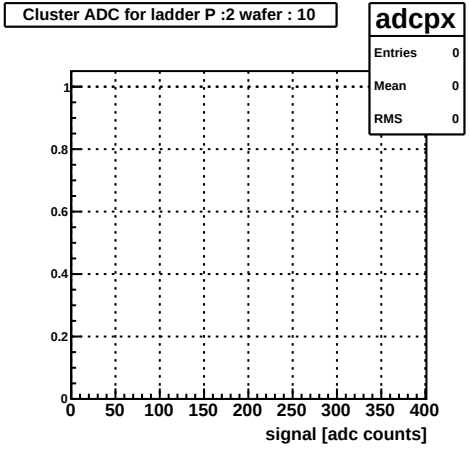

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

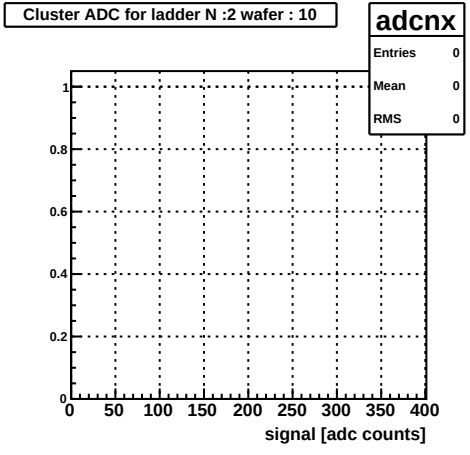

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

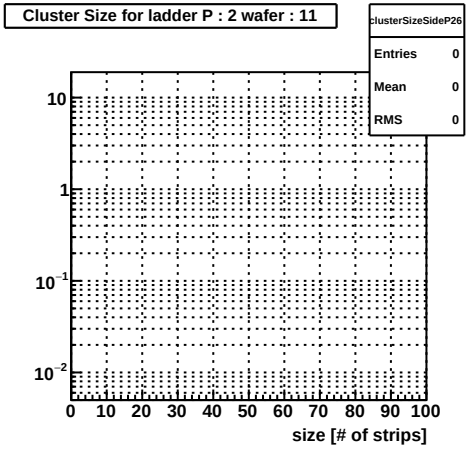

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

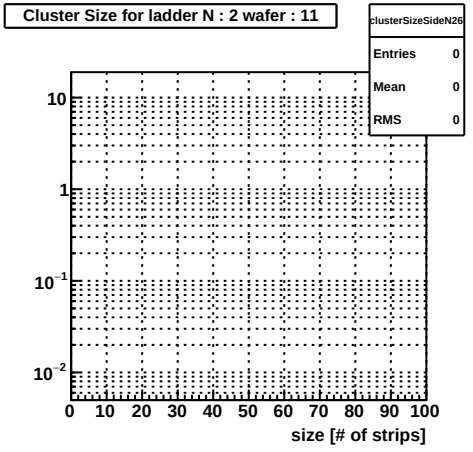

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

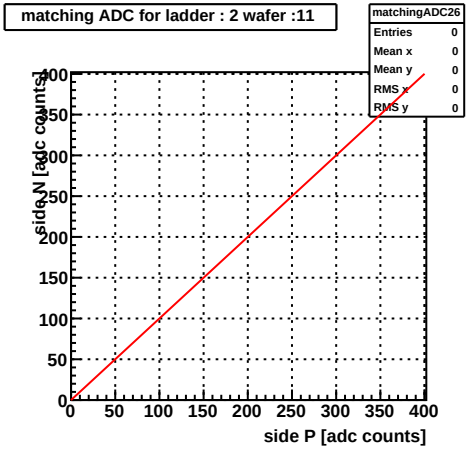

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

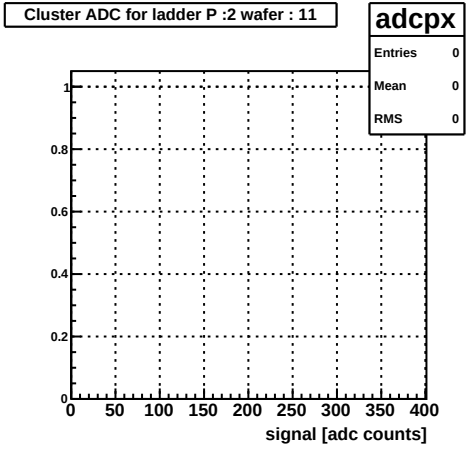

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

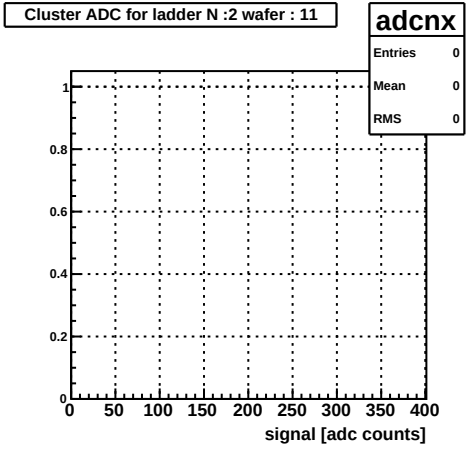

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

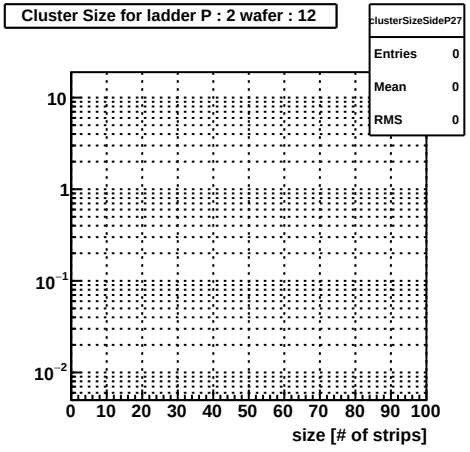

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

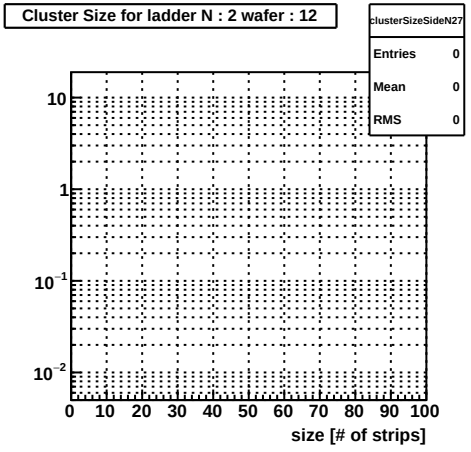

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

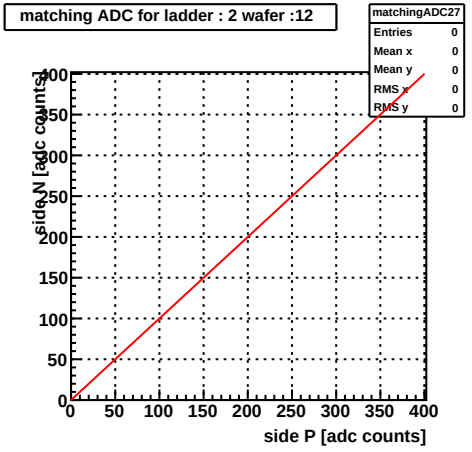

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

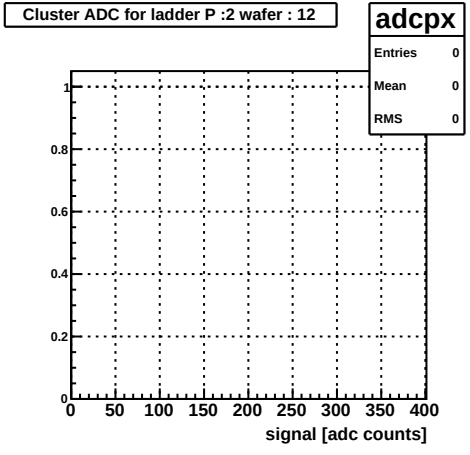

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

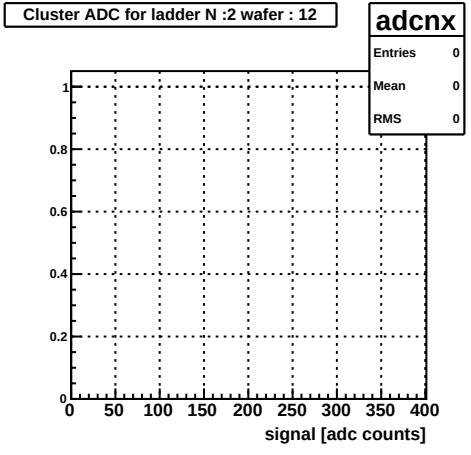

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

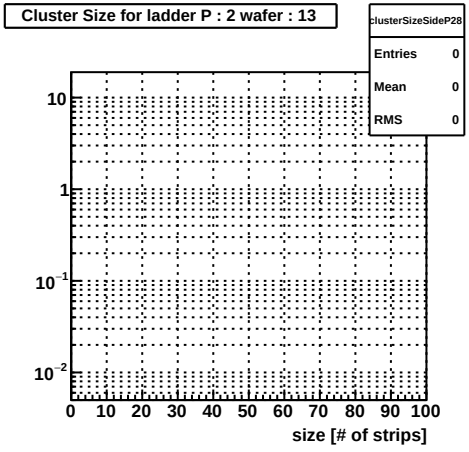

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

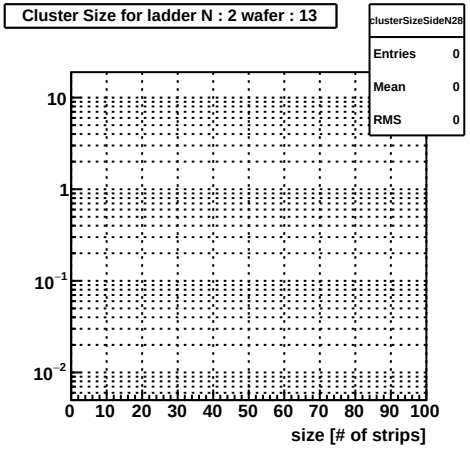

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

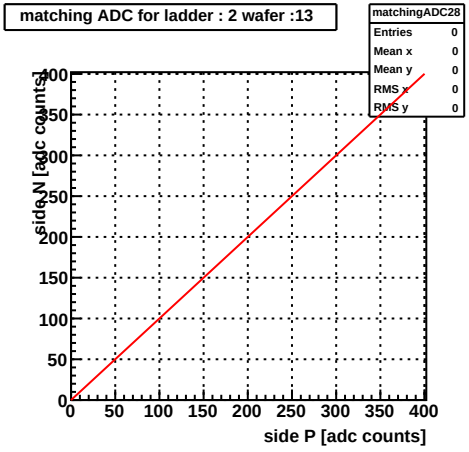

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

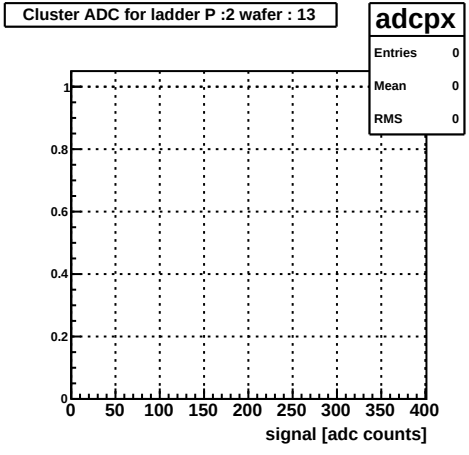

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

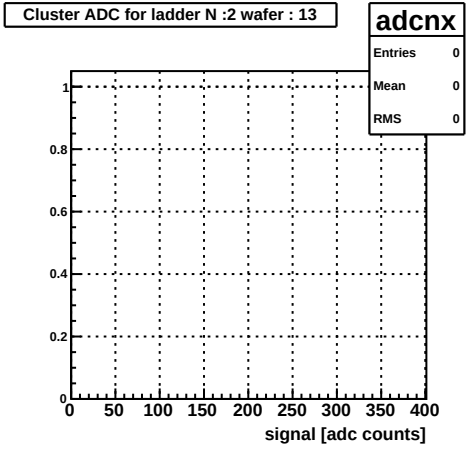

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

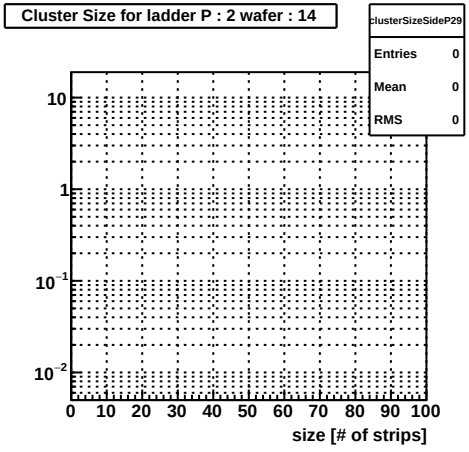

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

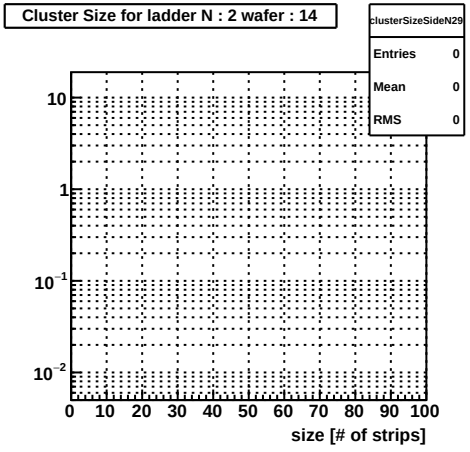

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

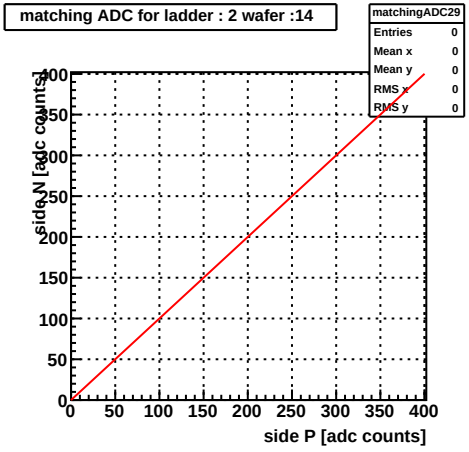

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

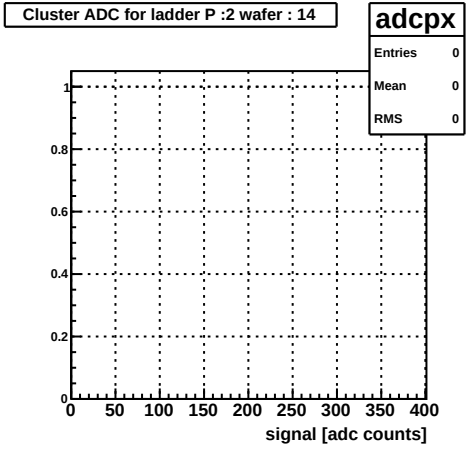

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

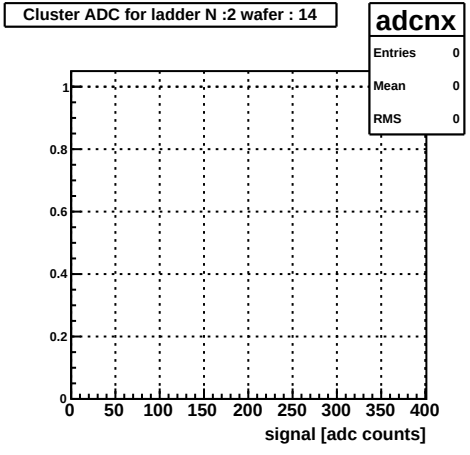

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

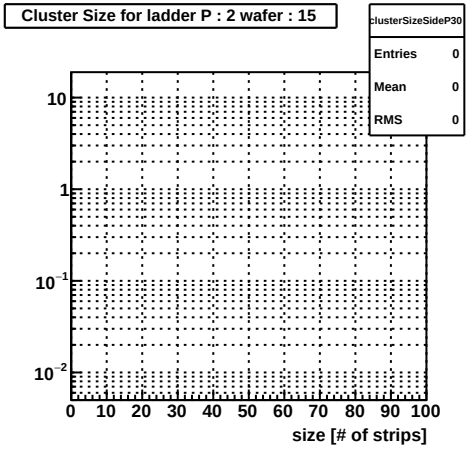

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

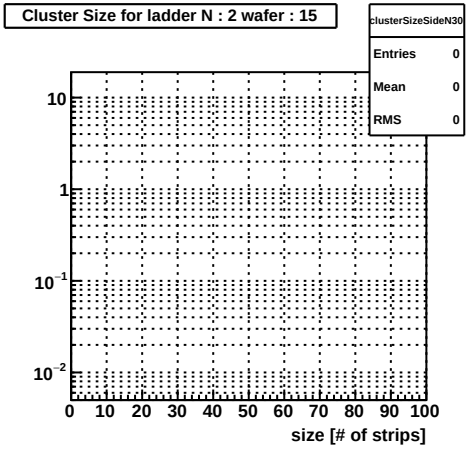

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

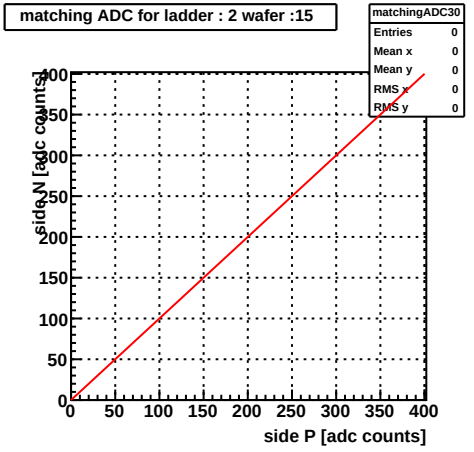

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

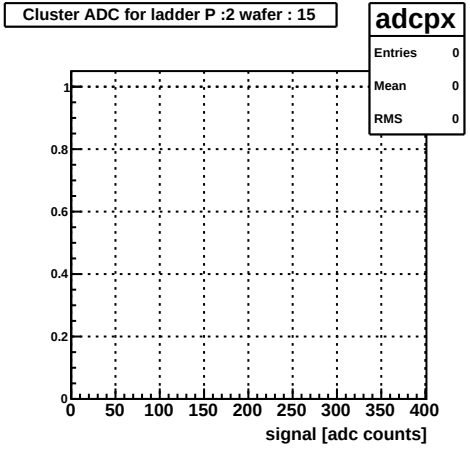

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

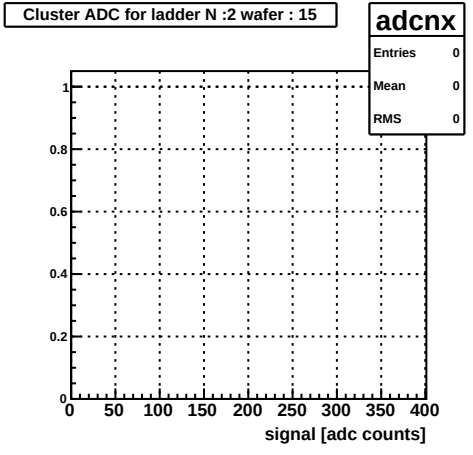

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

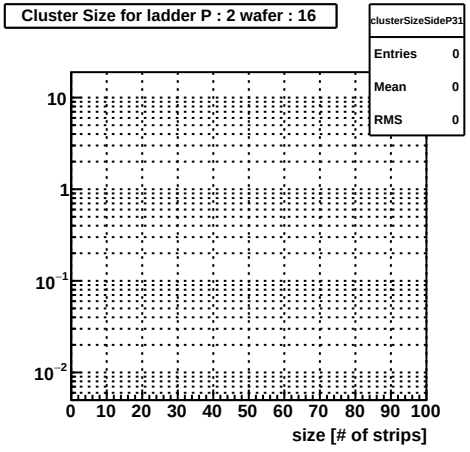

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

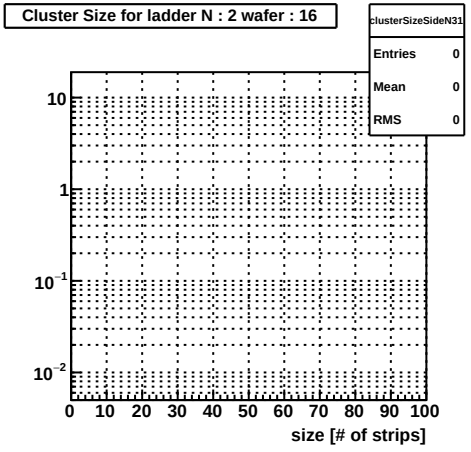

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

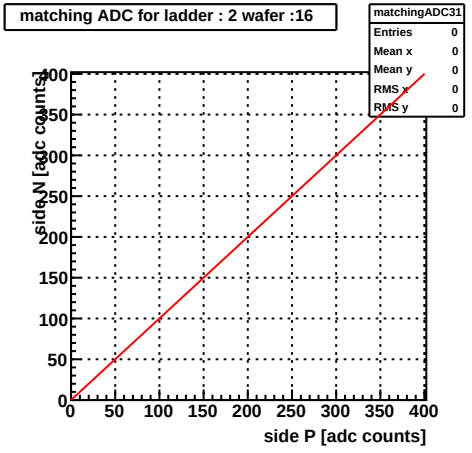

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

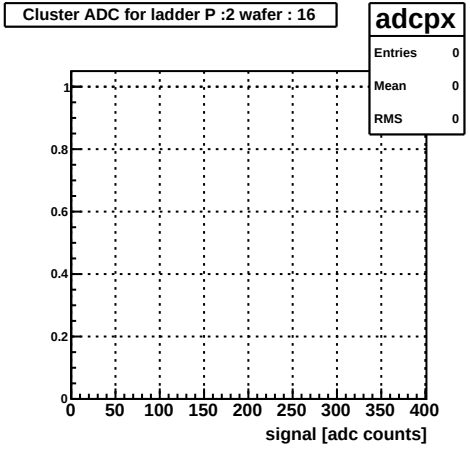

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

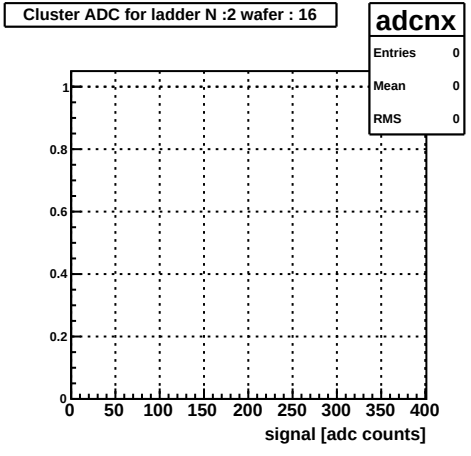

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

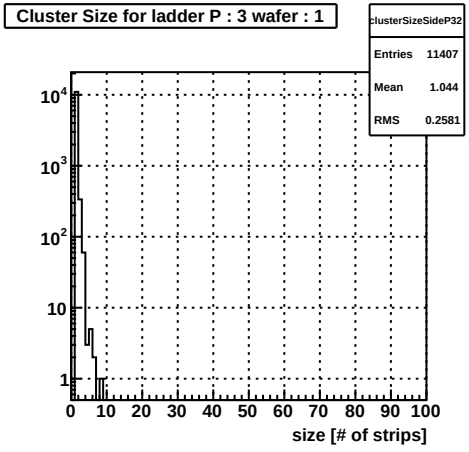

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

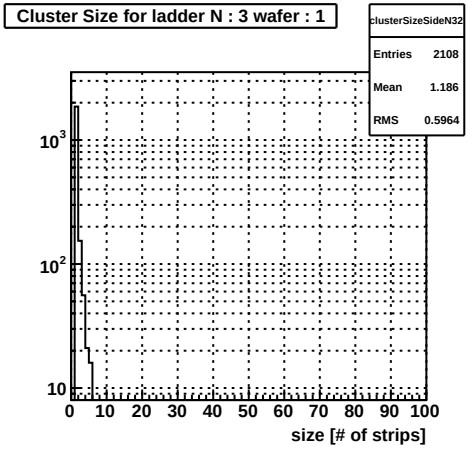

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

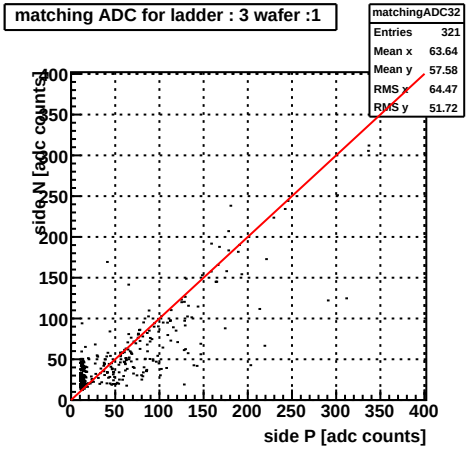

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

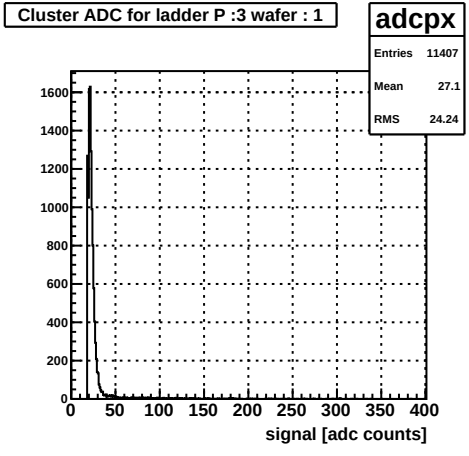

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

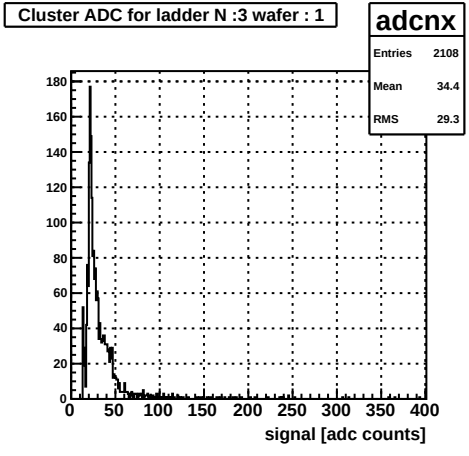

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

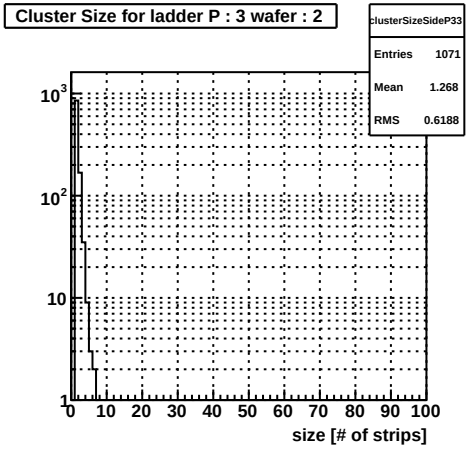

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 11407
Mean 1.044
RMS 0.2581
size [# of strips]

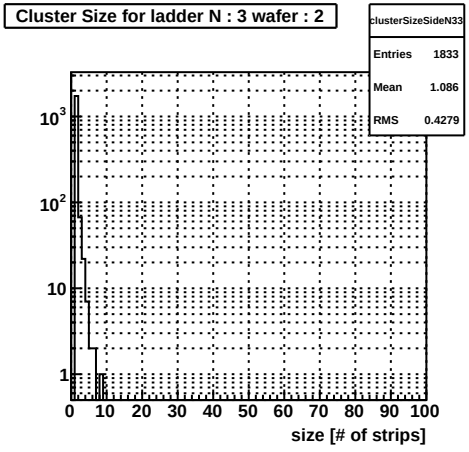

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 2108
Mean 1.186
RMS 0.5964
size [# of strips]

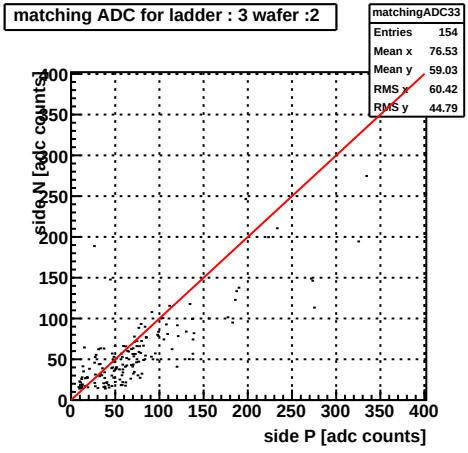

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 321
Mean x 63.64
Mean y 57.58
RMS x 64.47
RMS y 51.72
side N [adc counts]
side P [adc counts]

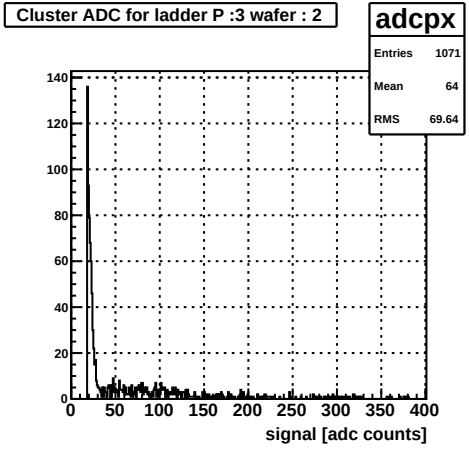

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 11407
Mean 27.1
RMS 24.24
signal [adc counts]

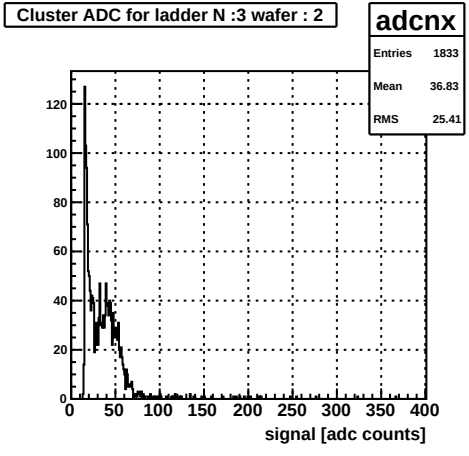

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 2108
Mean 34.4
RMS 29.3
signal [adc counts]

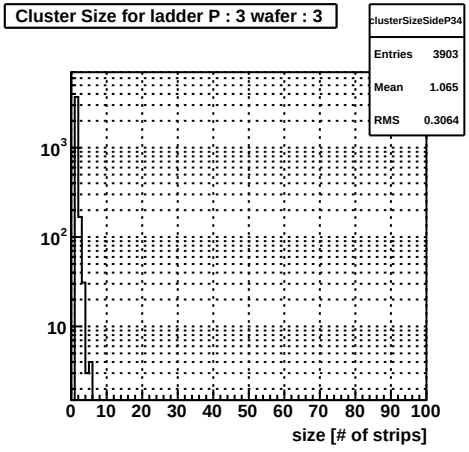

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 1071
Mean 1.268
RMS 0.6188
size [# of strips]

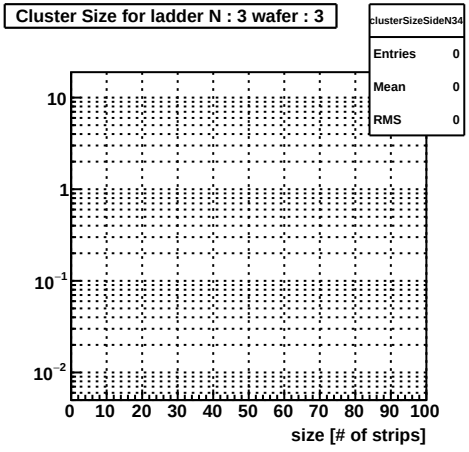

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 1833
Mean 1.086
RMS 0.4279
size [# of strips]

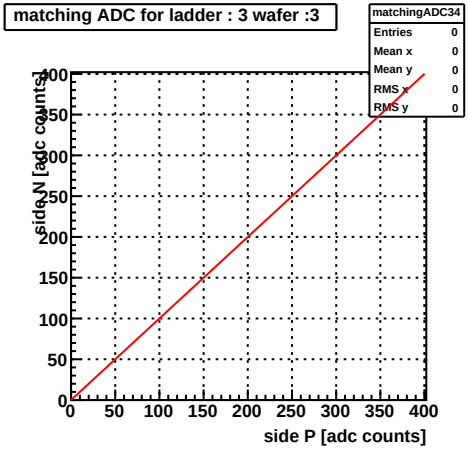

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 154
Mean x 76.53
Mean y 59.03
RMS x 60.42
RMS y 44.79
side N [adc counts]
side P [adc counts]

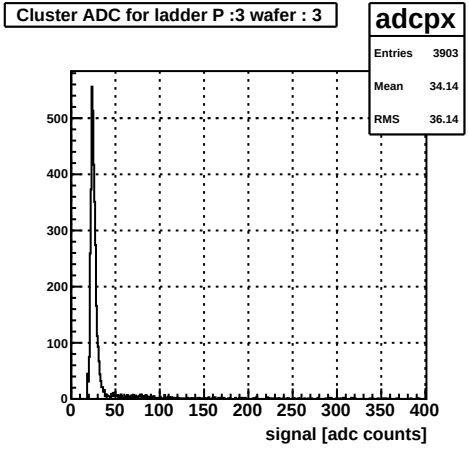

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 1071
Mean 64
RMS 69.64
signal [adc counts]

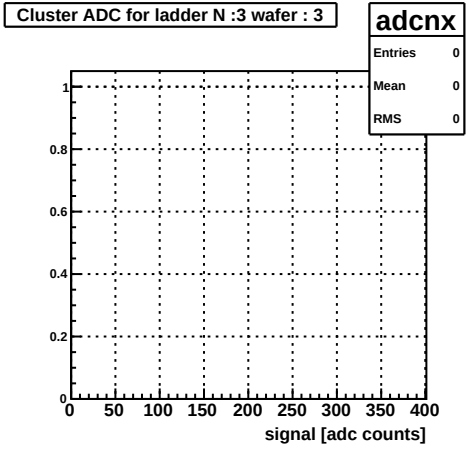

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 1833
Mean 36.83
RMS 25.41
signal [adc counts]

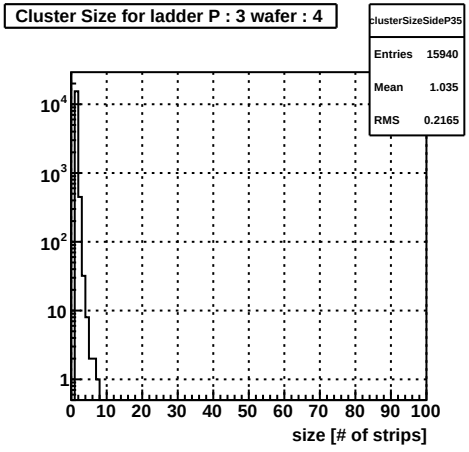

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 3903
Mean 1.065
RMS 0.3064
size [# of strips]

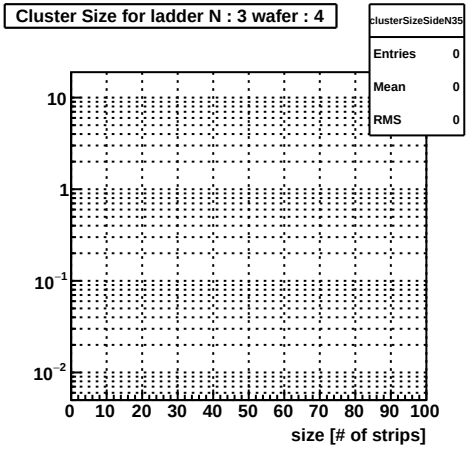

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

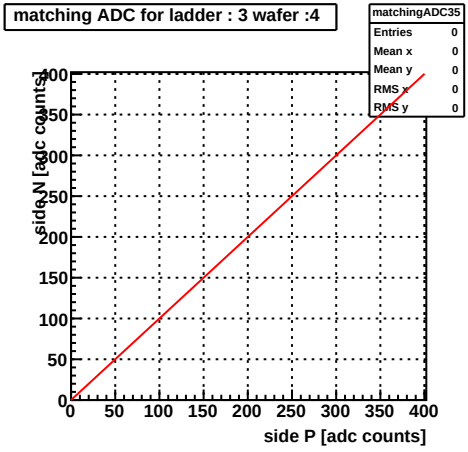

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

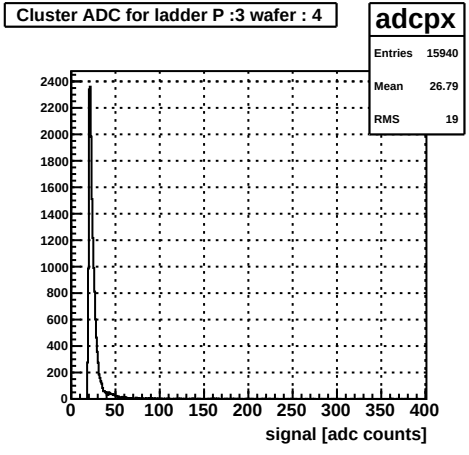

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 3903
Mean 34.14
RMS 36.14
signal [adc counts]

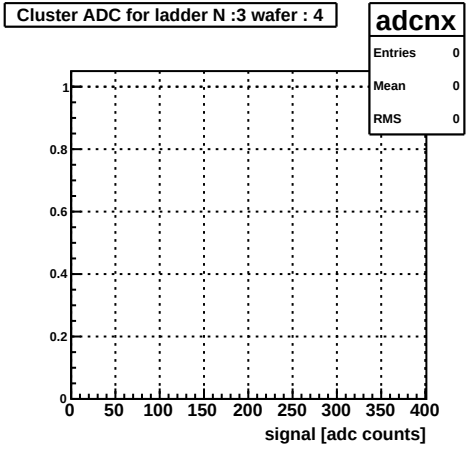

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

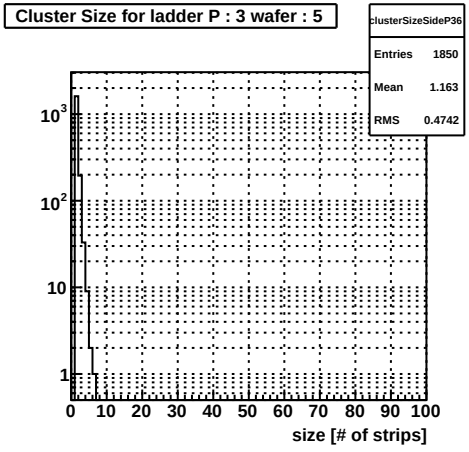

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 15940
Mean 1.035
RMS 0.2165
size [# of strips]

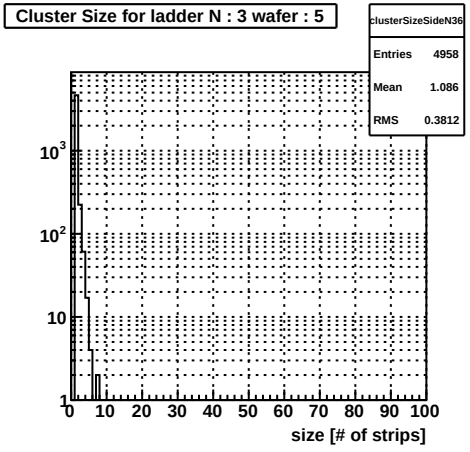

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

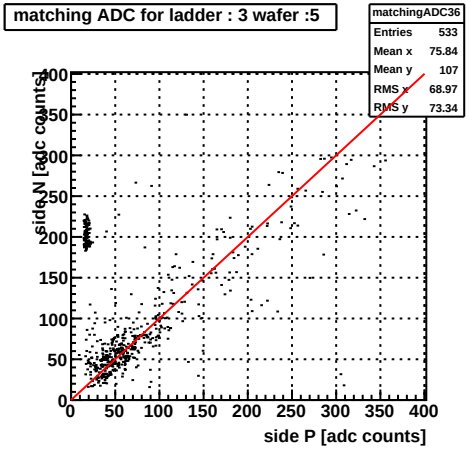

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

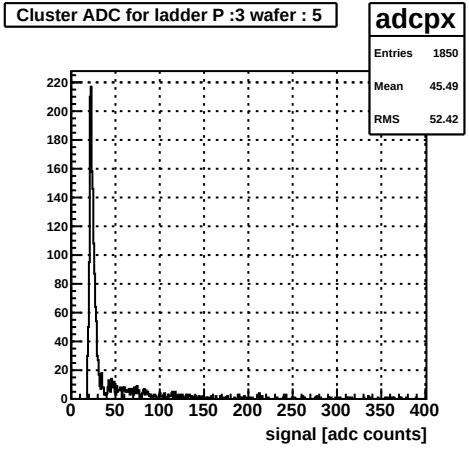

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 15940
Mean 26.79
RMS 19
signal [adc counts]

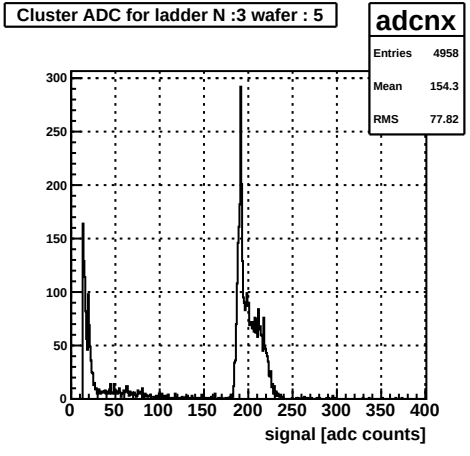

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

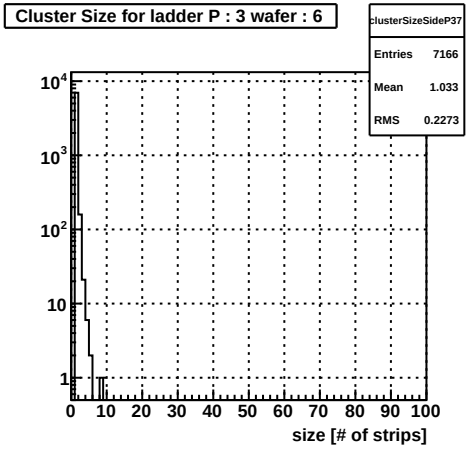

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 1850
Mean 1.163
RMS 0.4742
size [# of strips]

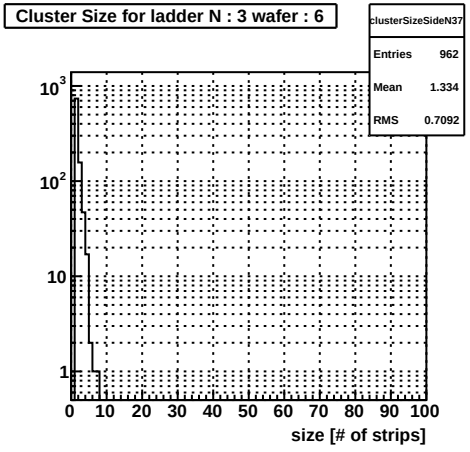

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 4958
Mean 1.086
RMS 0.3812
size [# of strips]

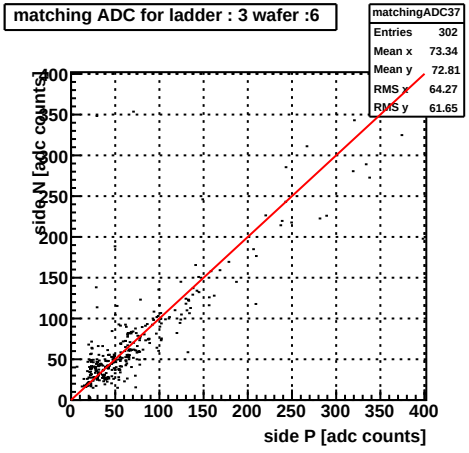

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 533
Mean x 75.84
Mean y 107
RMS x 68.97
RMS y 73.34
side N [adc counts]
side P [adc counts]

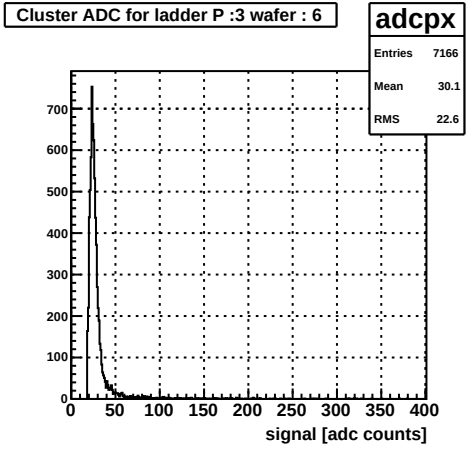

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 1850
Mean 45.49
RMS 52.42
signal [adc counts]

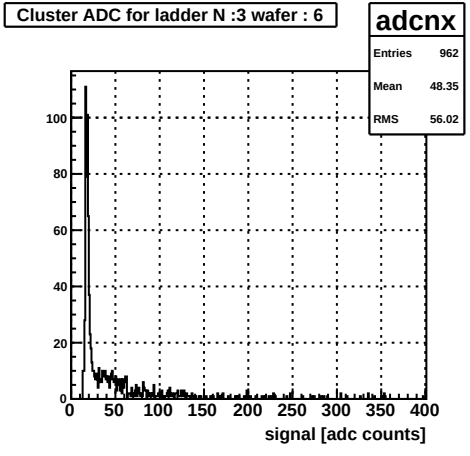

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 4958
Mean 154.3
RMS 77.82
signal [adc counts]

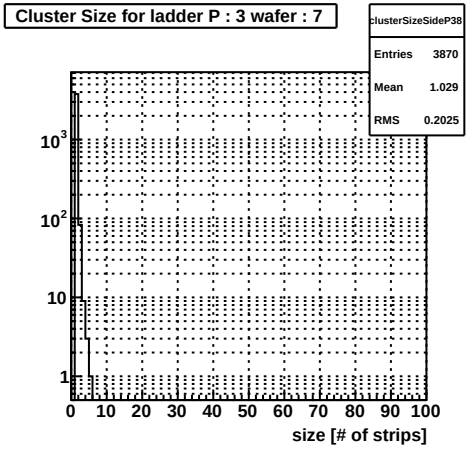

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 7166
Mean 1.033
RMS 0.2273
size [# of strips]

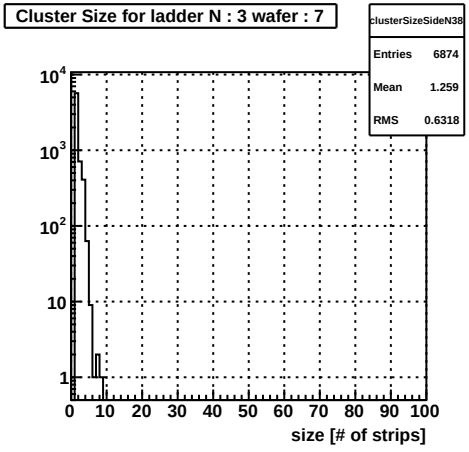

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 962
Mean 1.334
RMS 0.7092
size [# of strips]

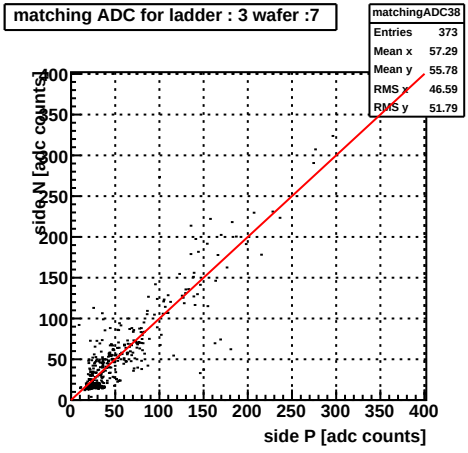

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 302
Mean x 73.34
Mean y 72.81
RMS x 64.27
RMS y 61.65
side N [adc counts]
side P [adc counts]

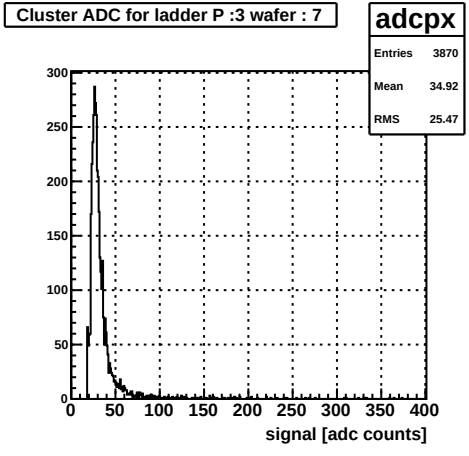

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 7166
Mean 30.1
RMS 22.6
signal [adc counts]

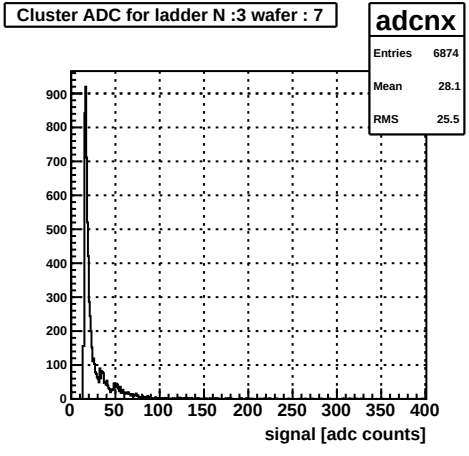

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 962
Mean 48.35
RMS 56.02
signal [adc counts]

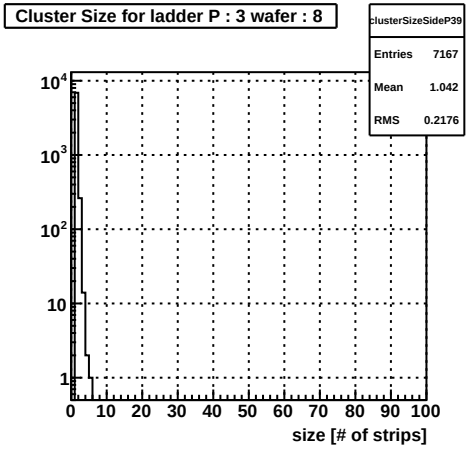

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 3870
Mean 1.029
RMS 0.2025
size [# of strips]

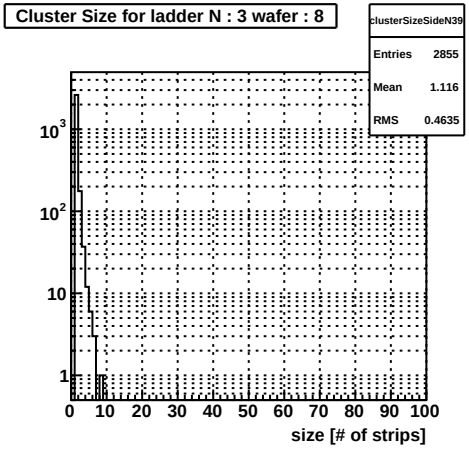

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 6874
Mean 1.259
RMS 0.6318
size [# of strips]

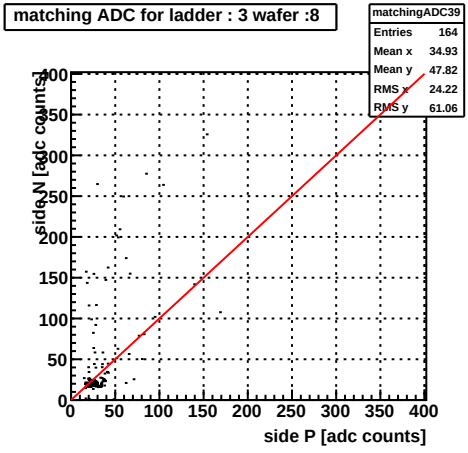

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 373
Mean x 57.29
Mean y 55.78
RMS x 46.59
RMS y 51.79
side N [adc counts]
side P [adc counts]

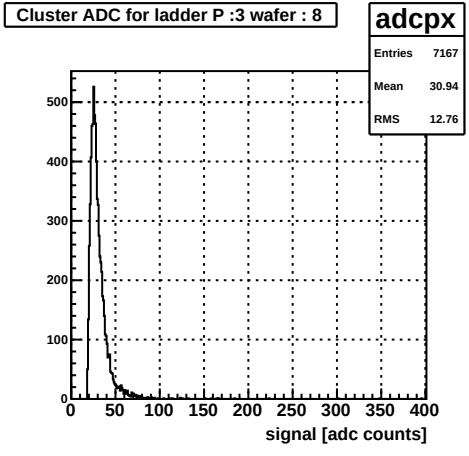

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 3870
Mean 34.92
RMS 25.47
signal [adc counts]

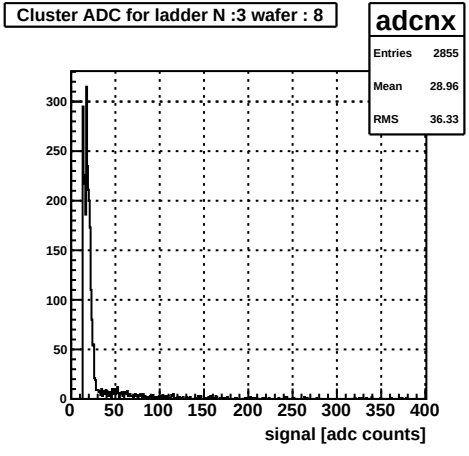

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 6874
Mean 28.1
RMS 25.5
signal [adc counts]

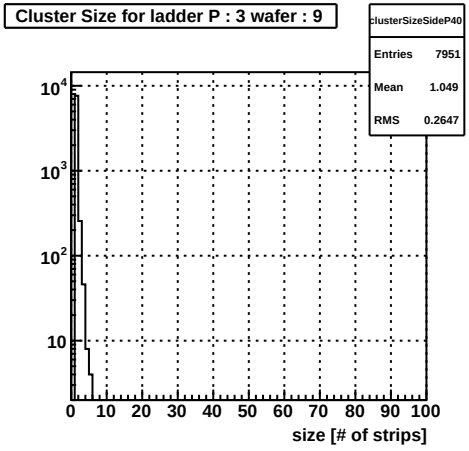

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 7167
Mean 1.042
RMS 0.2176
size [# of strips]

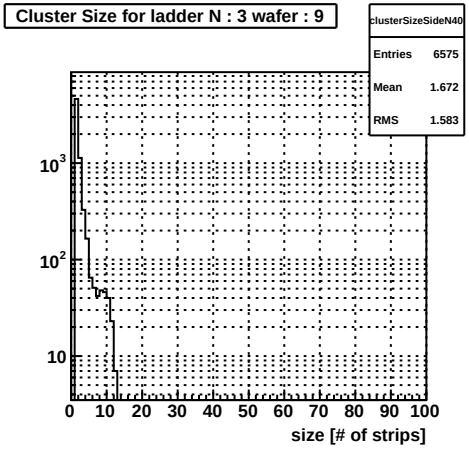

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 2855
Mean 1.116
RMS 0.4635
size [# of strips]

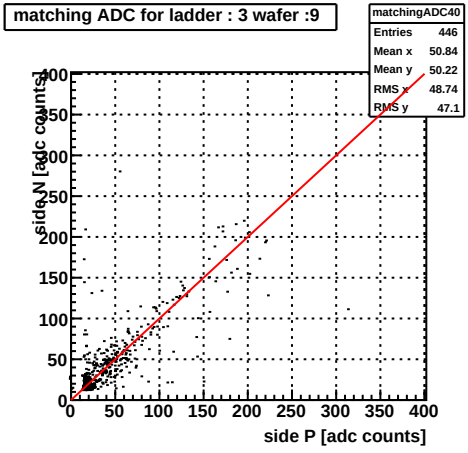

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 164
Mean x 34.93
Mean y 47.82
RMS x 24.22
RMS y 61.06
side N [adc counts]
side P [adc counts]

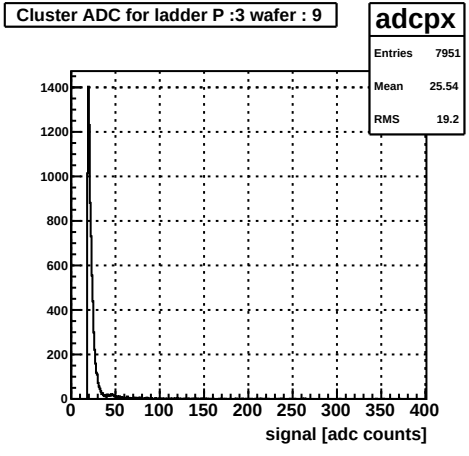

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 7167
Mean 30.94
RMS 12.76
signal [adc counts]

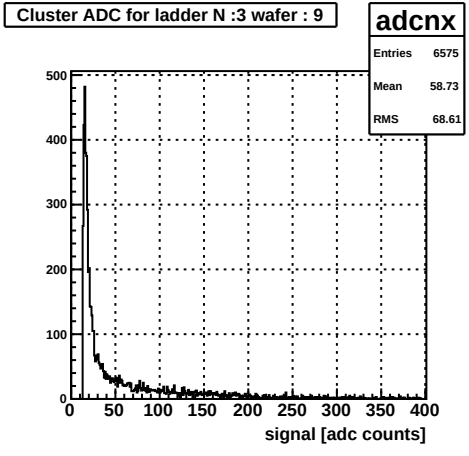

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 2855
Mean 28.96
RMS 36.33
signal [adc counts]

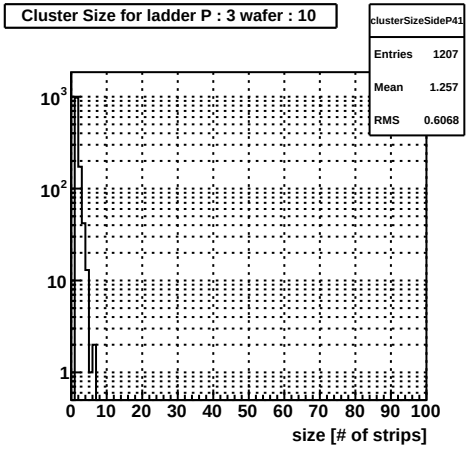

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 7951
Mean 1.049
RMS 0.2647
size [# of strips]

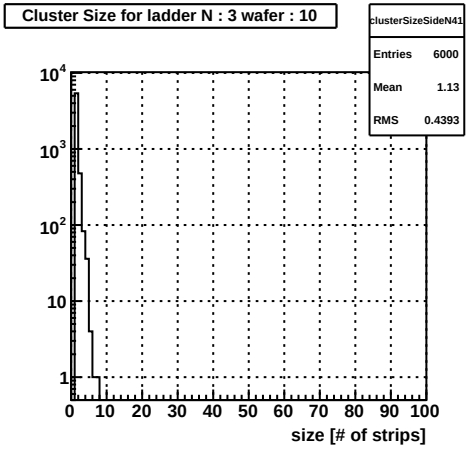

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 6575
Mean 1.672
RMS 1.583
size [# of strips]

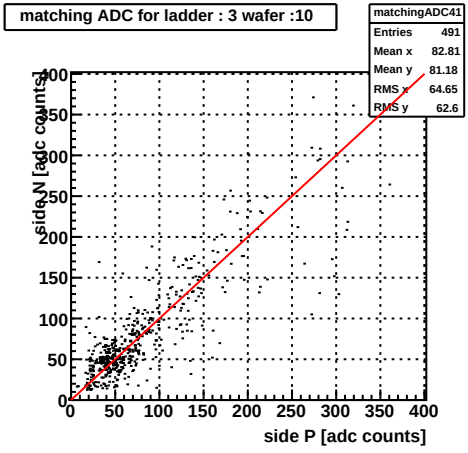

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 446
Mean x 50.84
Mean y 50.22
RMS x 48.74
RMS y 47.1
side N [adc counts]
side P [adc counts]

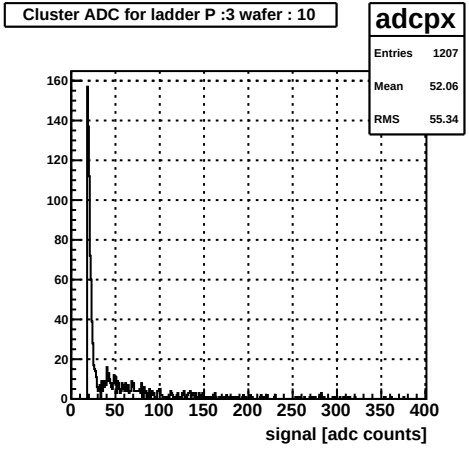

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 7951
Mean 25.54
RMS 19.2
signal [adc counts]

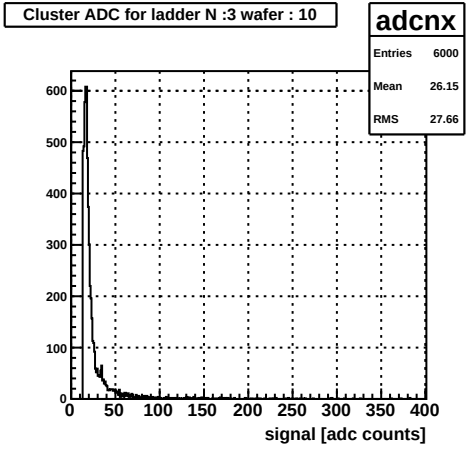

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 6575
Mean 58.73
RMS 68.61
signal [adc counts]

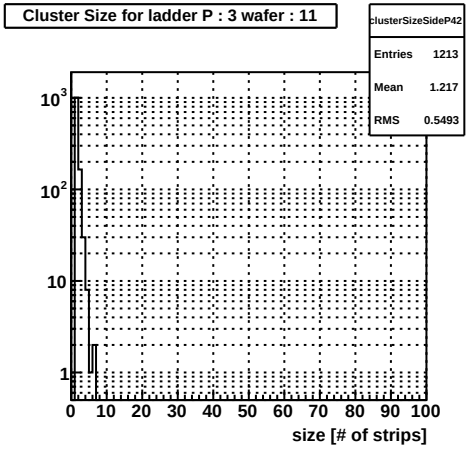

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 1207
Mean 1.257
RMS 0.6068
size [# of strips]

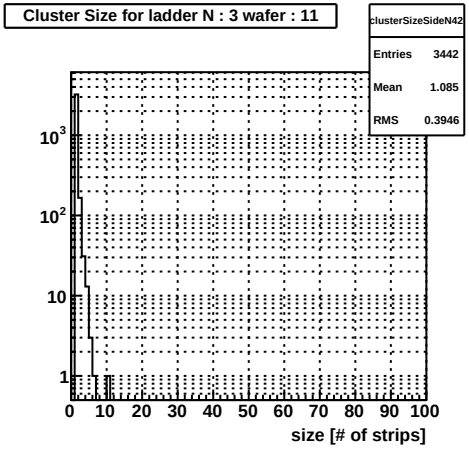

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 6000
Mean 1.13
RMS 0.4393
size [# of strips]

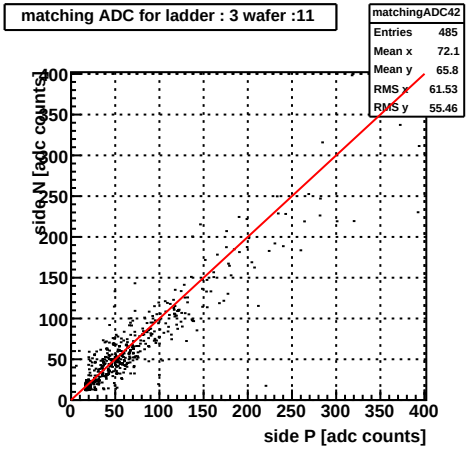

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 491
Mean x 82.81
Mean y 81.18
RMS x 64.65
RMS y 62.6
side N [adc counts]
side P [adc counts]

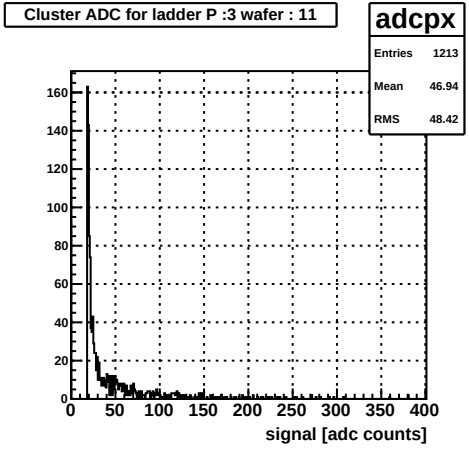

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 1207
Mean 52.06
RMS 55.34
signal [adc counts]

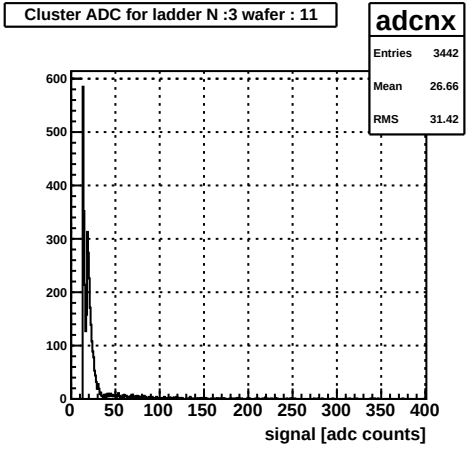

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 6000
Mean 26.15
RMS 27.66
signal [adc counts]

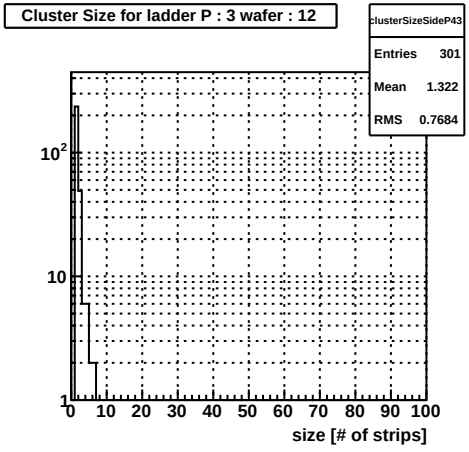

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 1213
Mean 1.217
RMS 0.5493
size [# of strips]

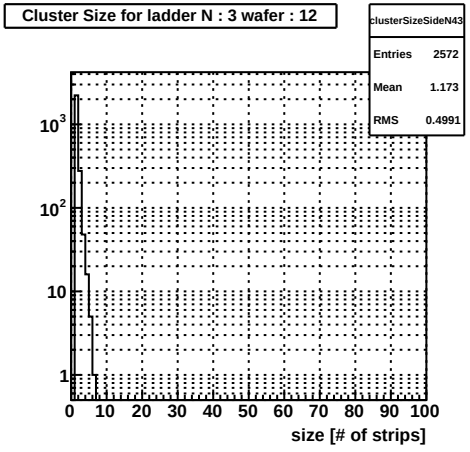

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 3442
Mean 1.085
RMS 0.3946
size [# of strips]

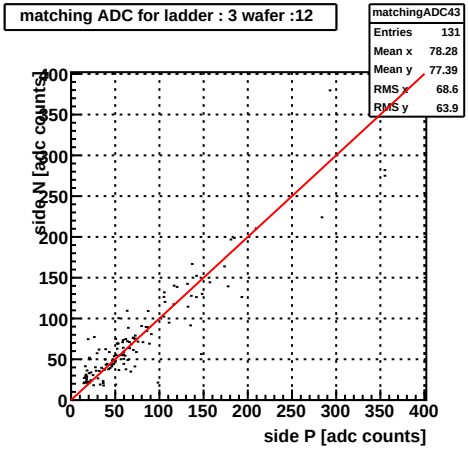

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 485
Mean x 72.1
Mean y 65.8
RMS x 61.53
RMS y 55.46
side N [adc counts]
side P [adc counts]

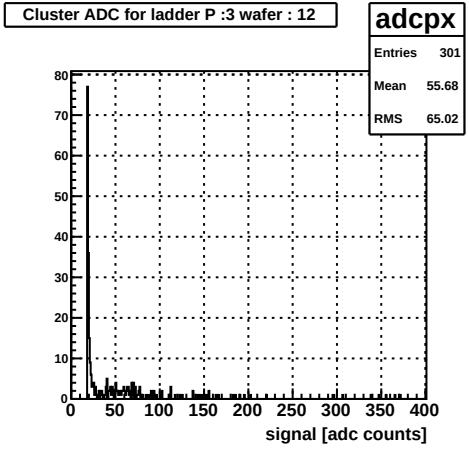

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 1213
Mean 46.94
RMS 48.42
signal [adc counts]

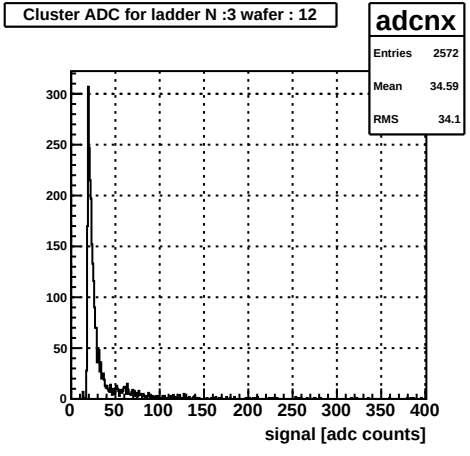

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 3442
Mean 26.66
RMS 31.42
signal [adc counts]

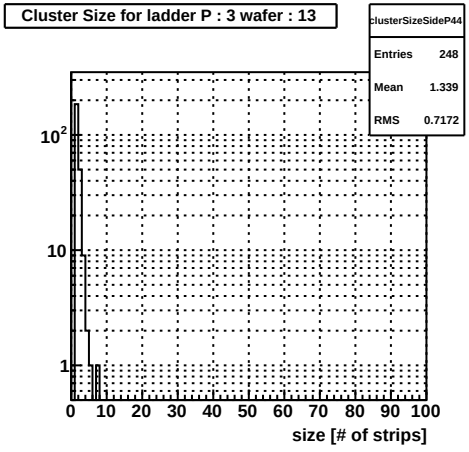

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 301
Mean 1.322
RMS 0.7684
size [# of strips]

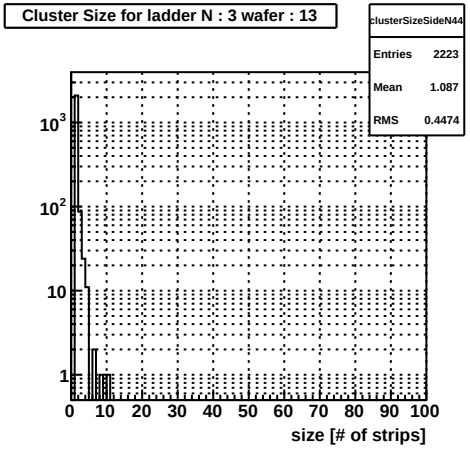

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 2572
Mean 1.173
RMS 0.4991
size [# of strips]

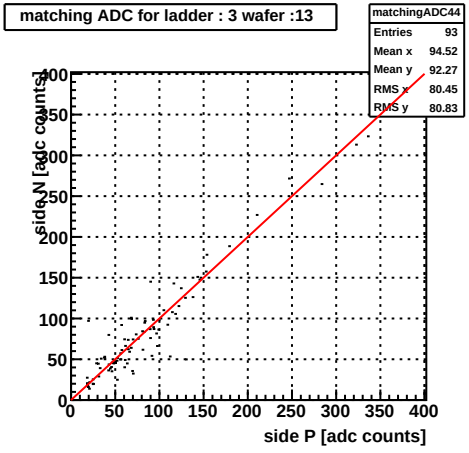

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 131
Mean x 78.28
Mean y 77.39
RMS x 68.6
RMS y 63.9
side N [adc counts]
side P [adc counts]

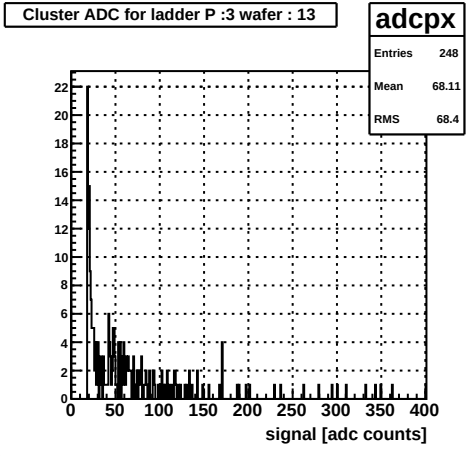

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 301
Mean 55.68
RMS 65.02
signal [adc counts]

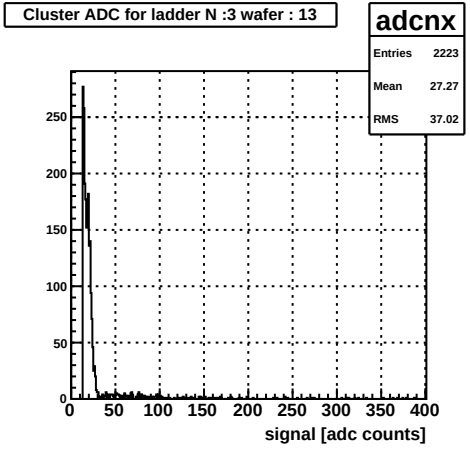

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 2572
Mean 34.59
RMS 34.1
signal [adc counts]

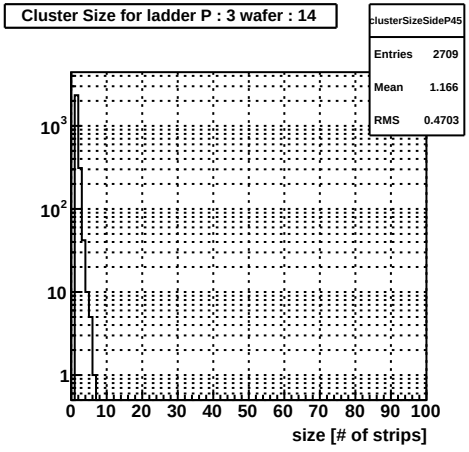

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 248
Mean 1.339
RMS 0.7172
size [# of strips]

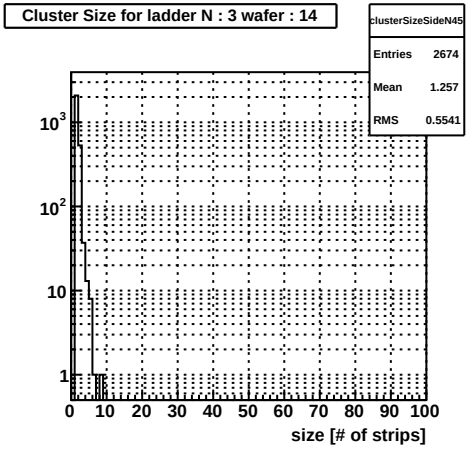

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 2223
Mean 1.087
RMS 0.4474
size [# of strips]

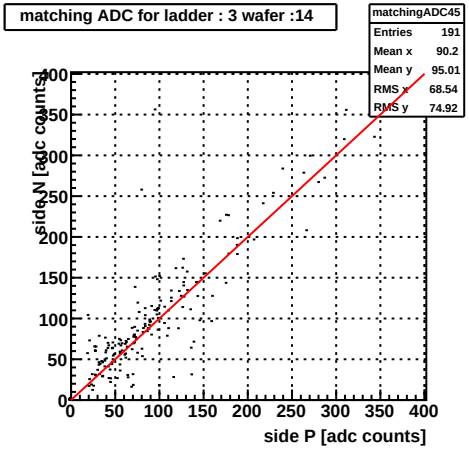

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 93
Mean x 94.52
Mean y 92.27
RMS x 80.45
RMS y 80.83
side N [adc counts]
side P [adc counts]

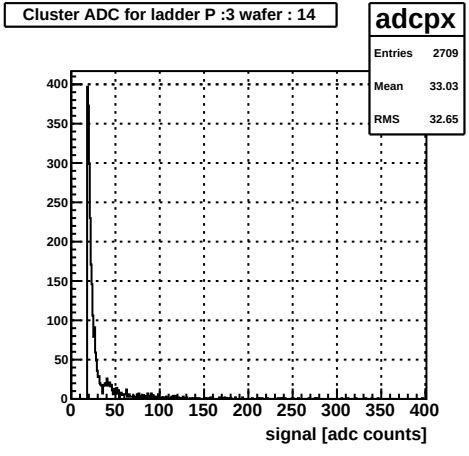

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 248
Mean 68.11
RMS 68.4
signal [adc counts]

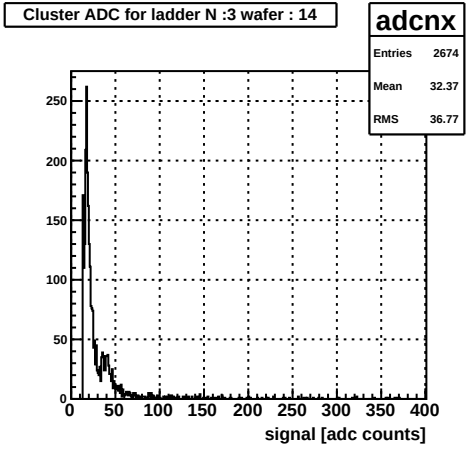

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 2223
Mean 27.27
RMS 37.02
signal [adc counts]

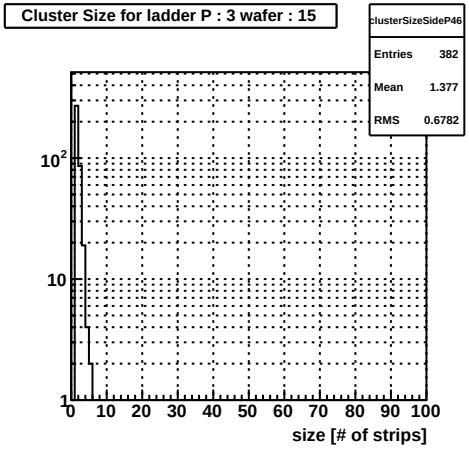

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 2709
Mean 1.166
RMS 0.4703
size [# of strips]

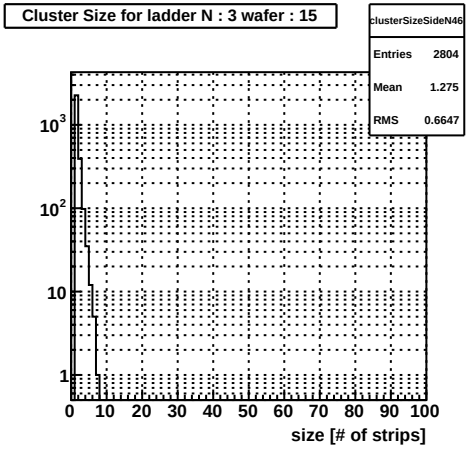

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 2674
Mean 1.257
RMS 0.5541
size [# of strips]

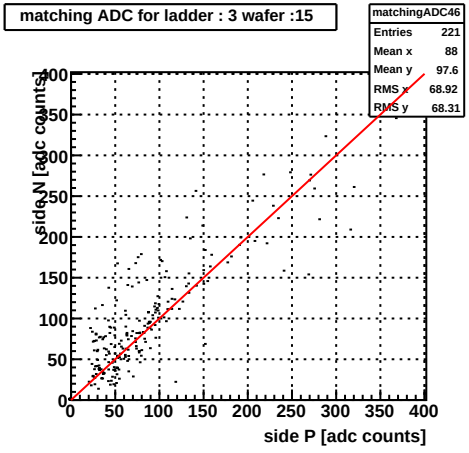

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 191
Mean x 90.2
Mean y 95.01
RMS x 68.54
RMS y 74.92
side N [adc counts]
side P [adc counts]

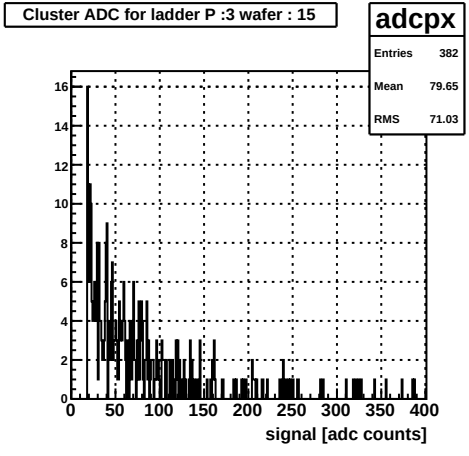

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 2709
Mean 33.03
RMS 32.65
signal [adc counts]

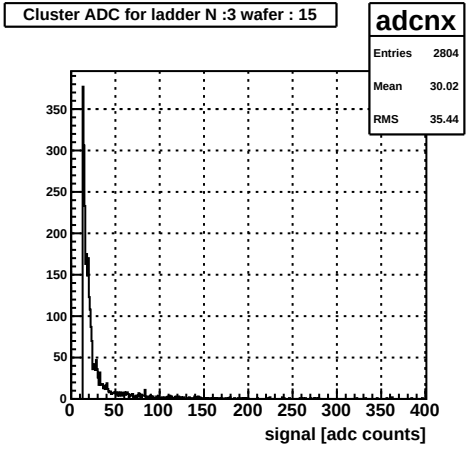

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 2674
Mean 32.37
RMS 36.77
signal [adc counts]

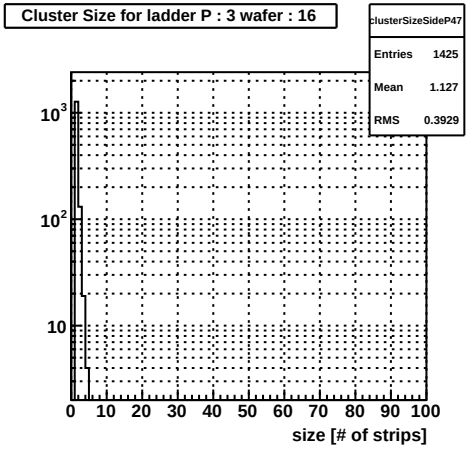

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 382
Mean 1.377
RMS 0.6782
size [# of strips]

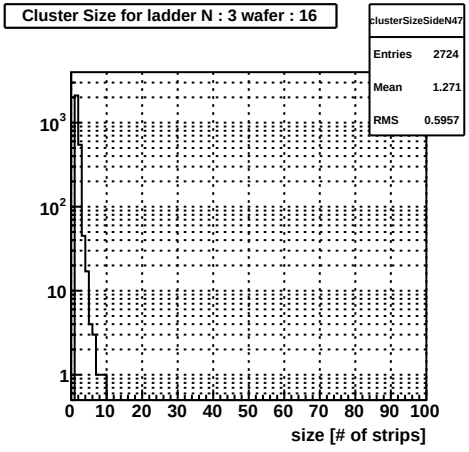

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 2804
Mean 1.275
RMS 0.6647
size [# of strips]

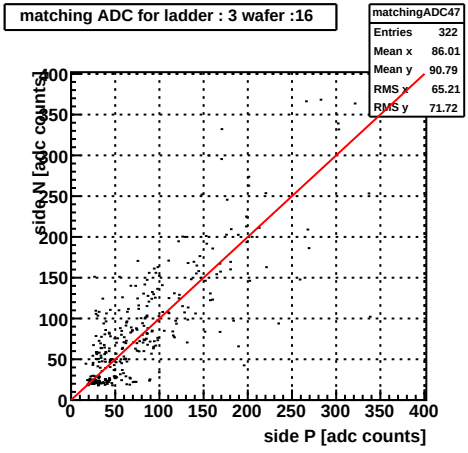

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 221
Mean x 88
Mean y 97.6
RMS x 68.92
RMS y 68.31
side N [adc counts]
side P [adc counts]

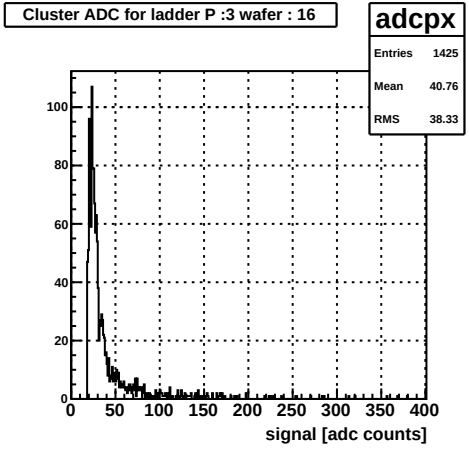

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 382
Mean 79.65
RMS 71.03
signal [adc counts]

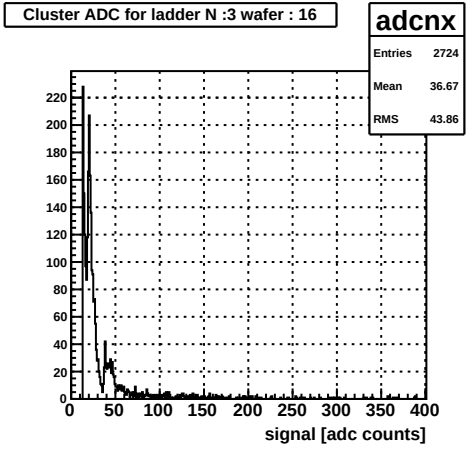

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 2804
Mean 30.02
RMS 35.44
signal [adc counts]

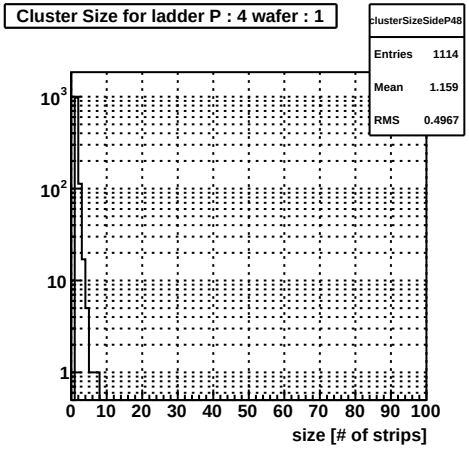

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 1425
Mean 1.127
RMS 0.3929
size [# of strips]

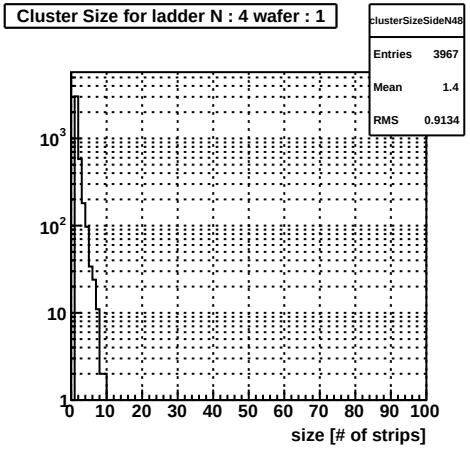

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 2724
Mean 1.271
RMS 0.5957
size [# of strips]

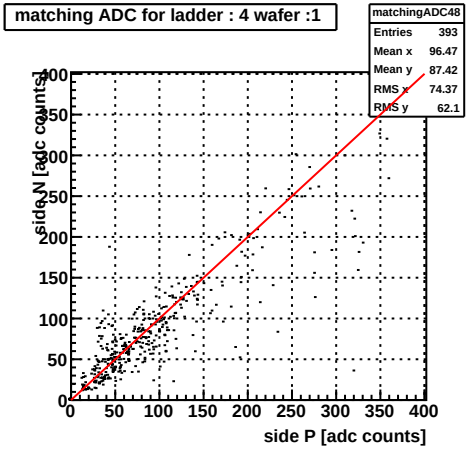

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 322
Mean x 86.01
Mean y 90.79
RMS x 65.21
RMS y 71.72
side N [adc counts]
side P [adc counts]

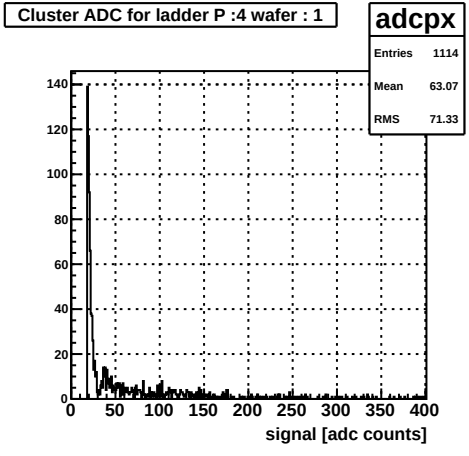

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 1425
Mean 40.76
RMS 38.33
signal [adc counts]

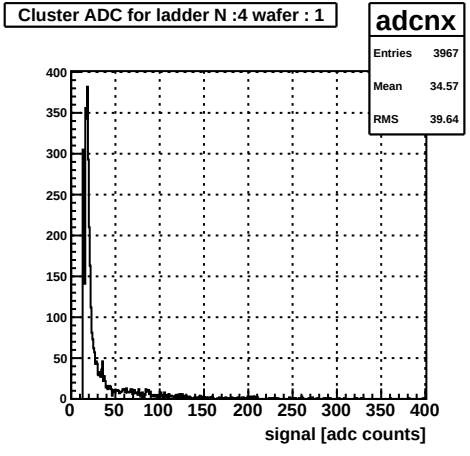

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 2724
Mean 36.67
RMS 43.86
signal [adc counts]

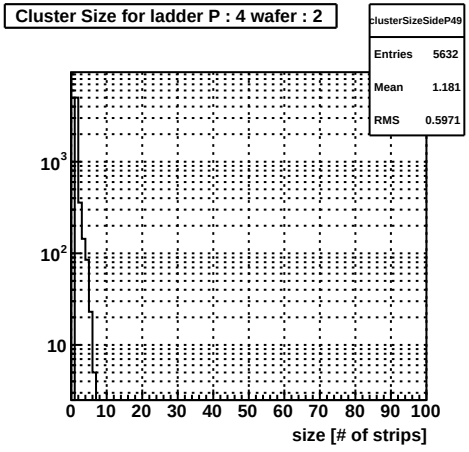

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 1114
Mean 1.159
RMS 0.4967
size [# of strips]

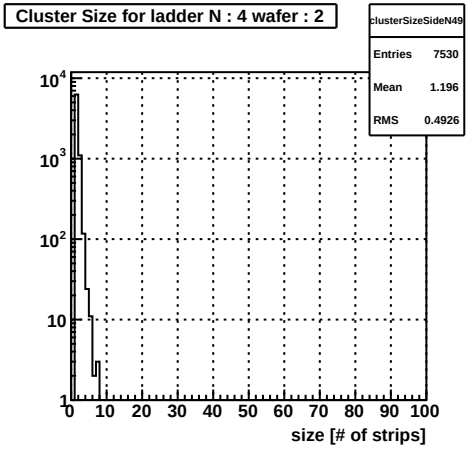

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 3967
Mean 1.4
RMS 0.9134
size [# of strips]

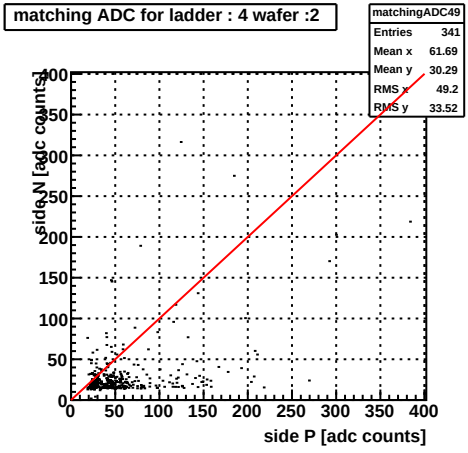

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 393
Mean x 96.47
Mean y 87.42
RMS x 74.37
RMS y 62.1
side N [adc counts]
side P [adc counts]

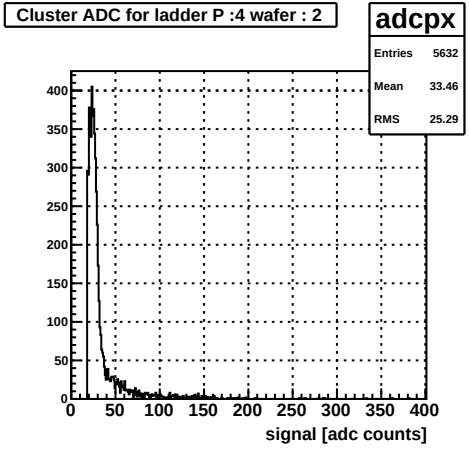

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 1114
Mean 63.07
RMS 71.33
signal [adc counts]

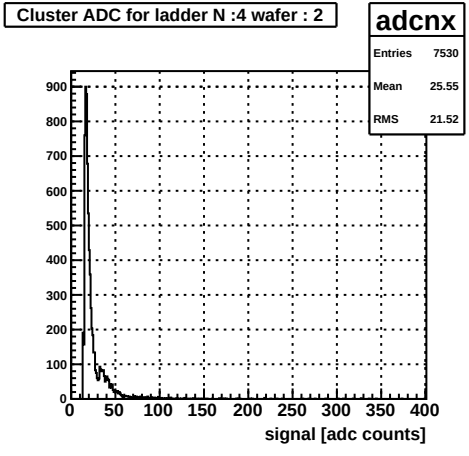

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 3967
Mean 34.57
RMS 39.64
signal [adc counts]

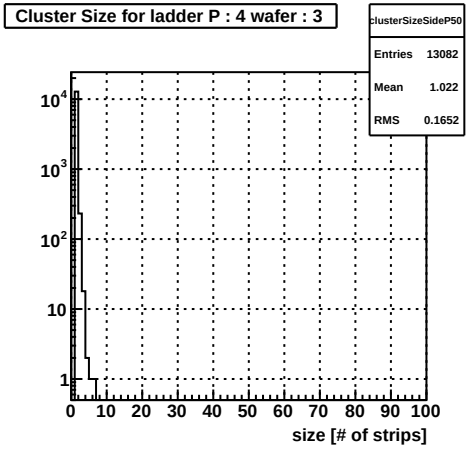

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 5632
Mean 1.181
RMS 0.5971
size [# of strips]

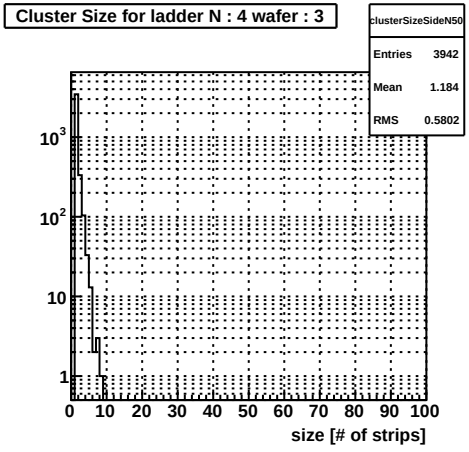

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 7530
Mean 1.196
RMS 0.4926
size [# of strips]

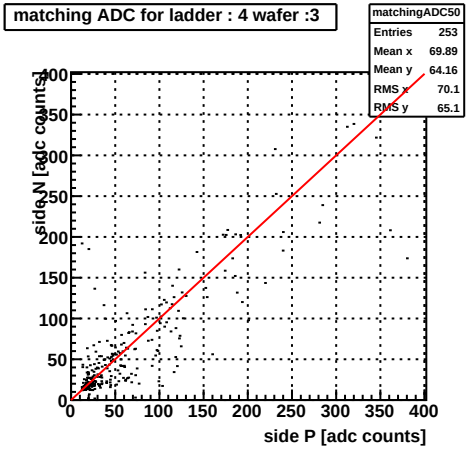

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 341
Mean x 61.69
Mean y 30.29
RMS x 49.2
RMS y 33.52
side N [adc counts]
side P [adc counts]

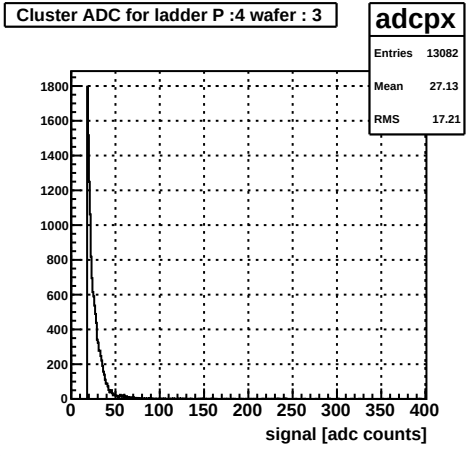

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 5632
Mean 33.46
RMS 25.29
signal [adc counts]

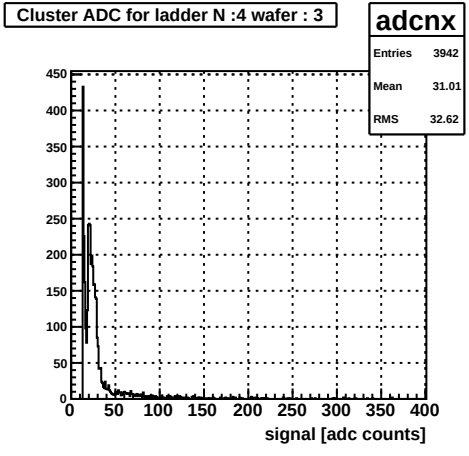

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 7530
Mean 25.55
RMS 21.52
signal [adc counts]

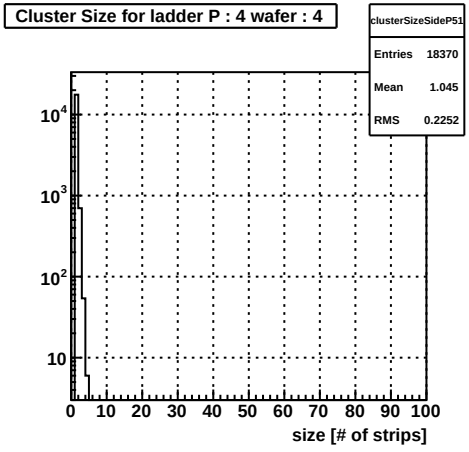

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 13082
Mean 1.022
RMS 0.1652
size [# of strips]

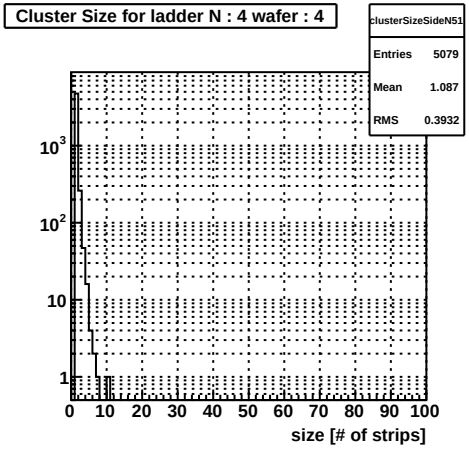

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 3942
Mean 1.184
RMS 0.5802
size [# of strips]

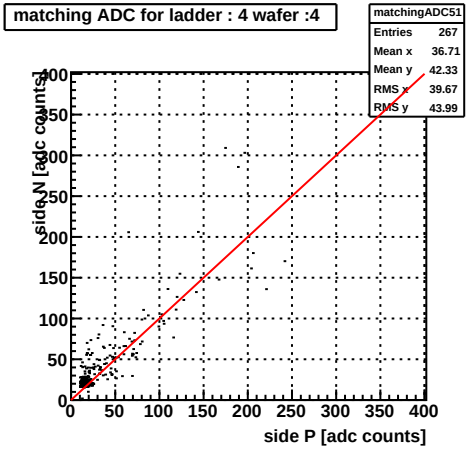

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 253
Mean x 69.89
Mean y 64.16
RMS x 70.1
RMS y 65.1
side N [adc counts]
side P [adc counts]

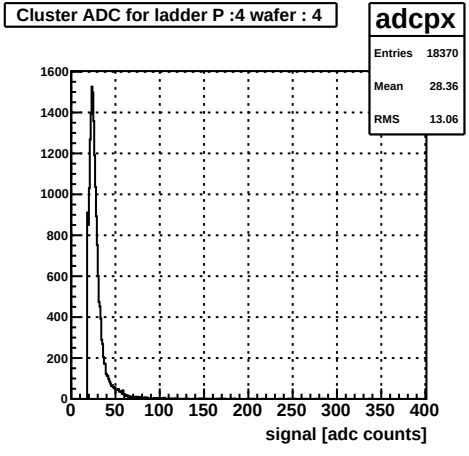

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 13082
Mean 27.13
RMS 17.21
signal [adc counts]

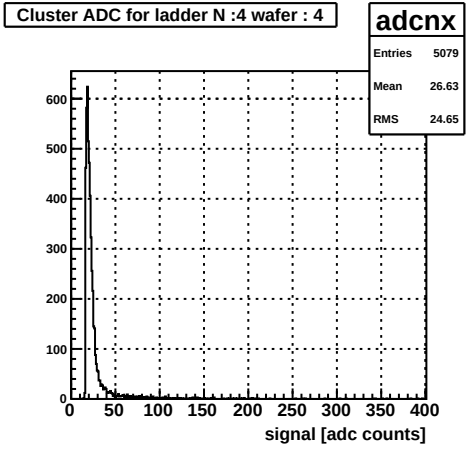

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 3942
Mean 31.01
RMS 32.62
signal [adc counts]

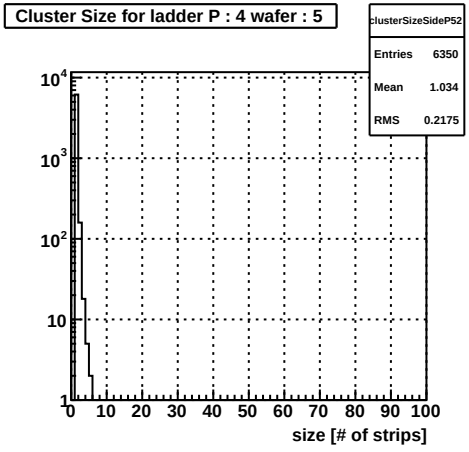

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 18370
Mean 1.045
RMS 0.2252
size [# of strips]

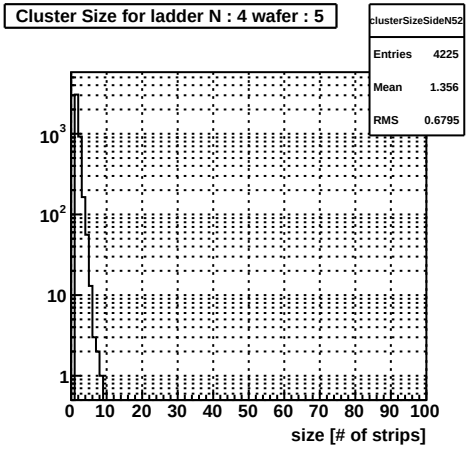

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 5079
Mean 1.087
RMS 0.3932
size [# of strips]

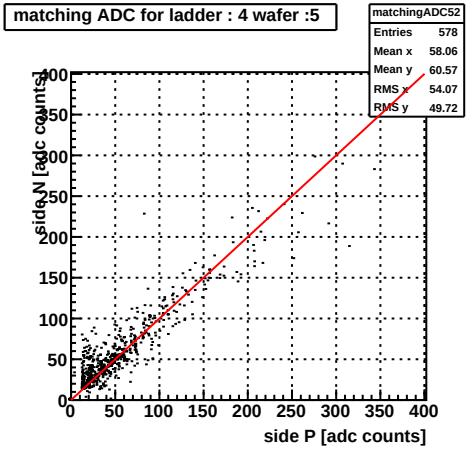

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 267
Mean x 36.71
Mean y 42.33
RMS x 39.67
RMS y 43.99
side N [adc counts]
side P [adc counts]

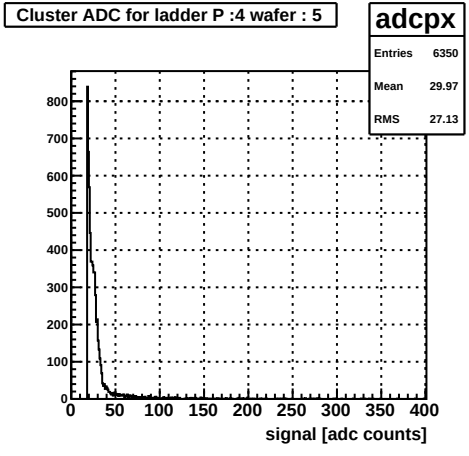

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 18370
Mean 28.36
RMS 13.06
signal [adc counts]

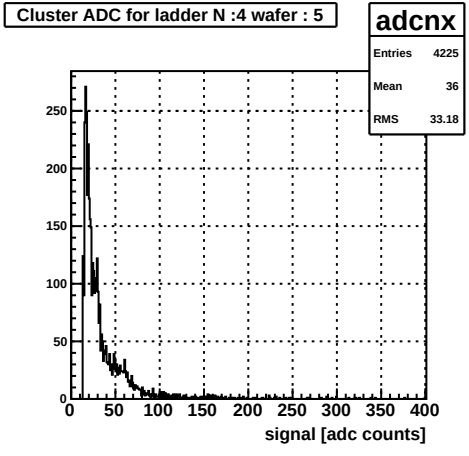

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 5079
Mean 26.63
RMS 24.65
signal [adc counts]

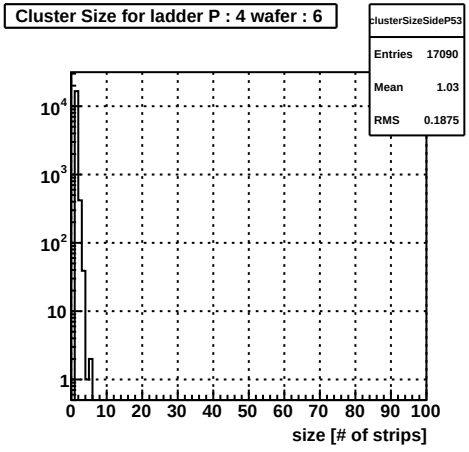

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 6350
Mean 1.034
RMS 0.2175
size [# of strips]

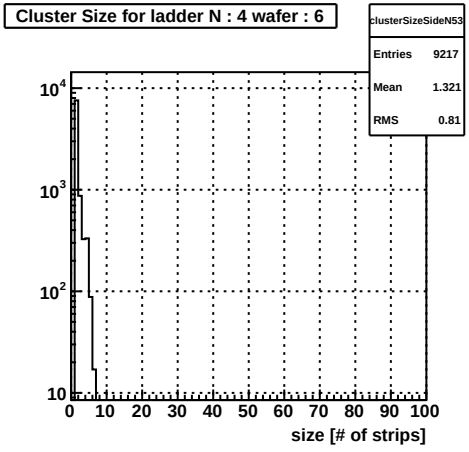

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 4225
Mean 1.356
RMS 0.6795
size [# of strips]

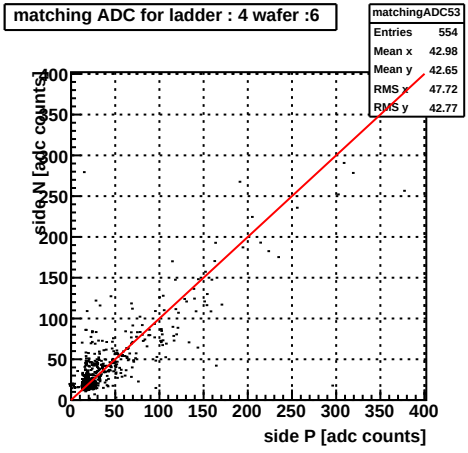

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 578
Mean x 58.06
Mean y 60.57
RMS x 54.07
RMS y 49.72
side N [adc counts]
side P [adc counts]

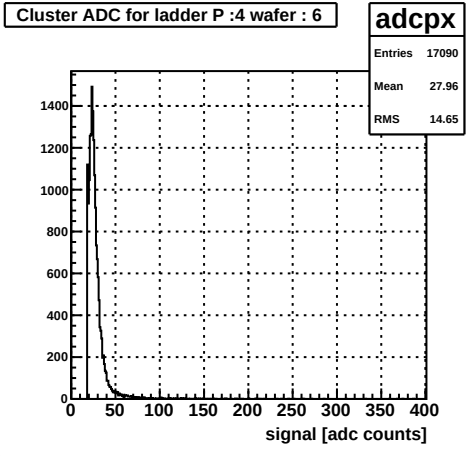

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 6350
Mean 29.97
RMS 27.13
signal [adc counts]

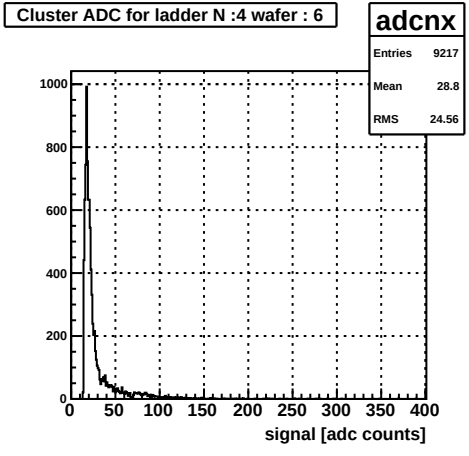

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 4225
Mean 36
RMS 33.18
signal [adc counts]

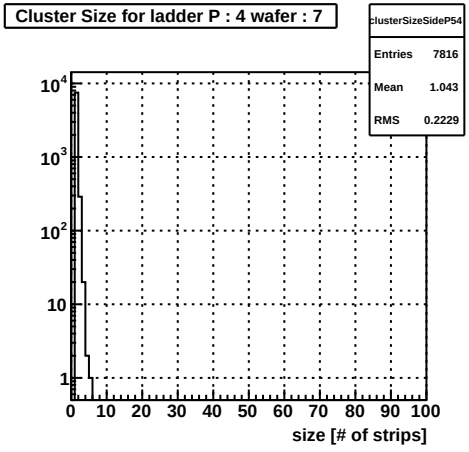

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 17090
Mean 1.03
RMS 0.1875
size [# of strips]

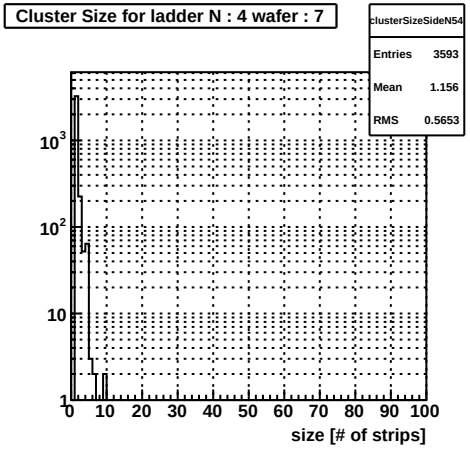

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 9217
Mean 1.321
RMS 0.81
size [# of strips]

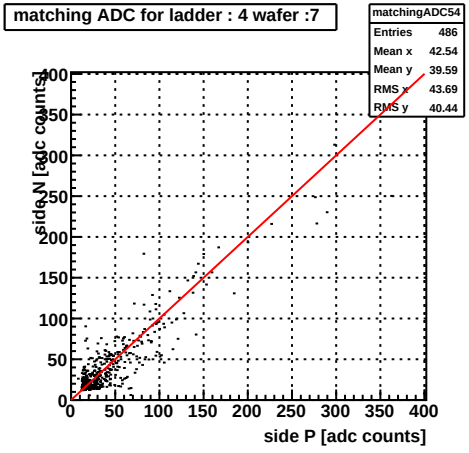

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 554
Mean x 42.98
Mean y 42.65
RMS x 47.72
RMS y 42.77
side N [adc counts]
side P [adc counts]

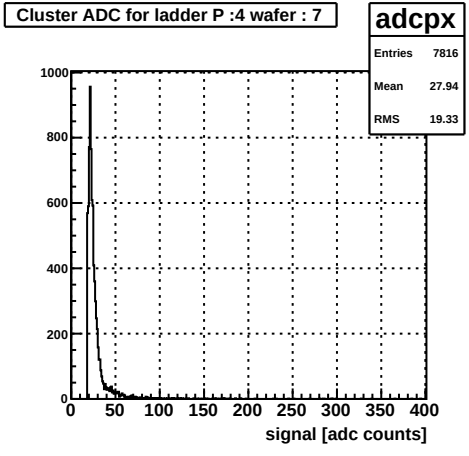

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 17090
Mean 27.96
RMS 14.65
signal [adc counts]

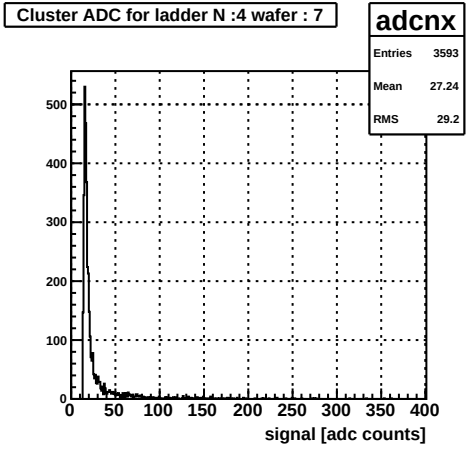

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 9217
Mean 28.8
RMS 24.56
signal [adc counts]

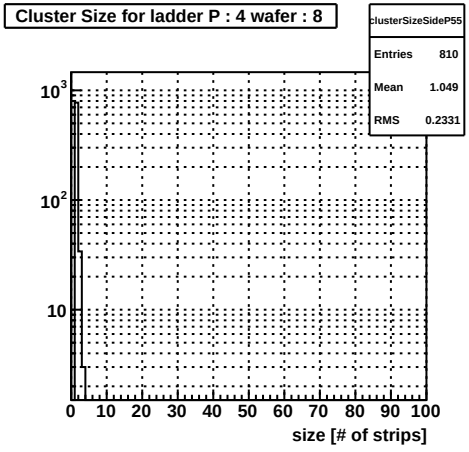

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 7816
Mean 1.043
RMS 0.2229
size [# of strips]

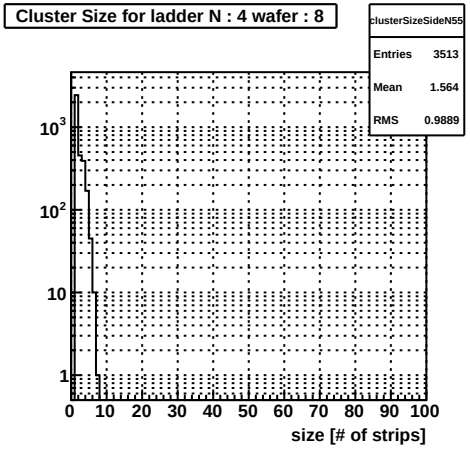

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 3593
Mean 1.156
RMS 0.5653
size [# of strips]

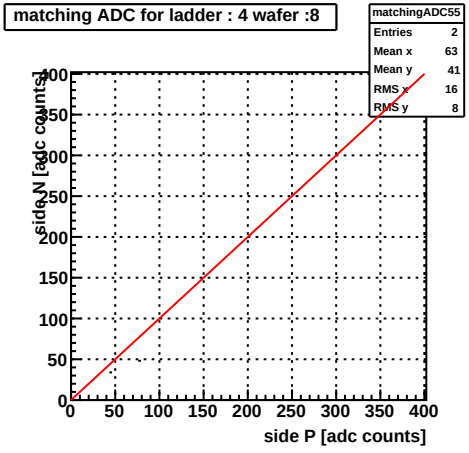

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 486
Mean x 42.54
Mean y 39.59
RMS x 43.69
RMS y 40.44
side N [adc counts]
side P [adc counts]

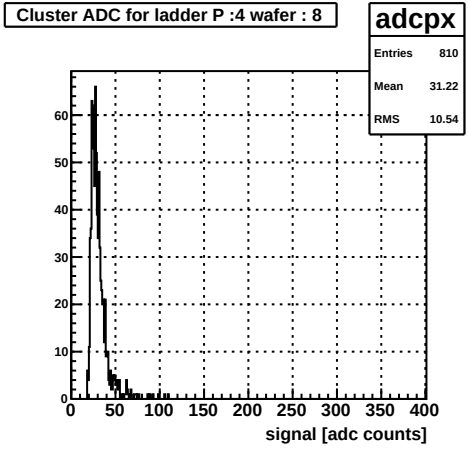

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 7816
Mean 27.94
RMS 19.33
signal [adc counts]

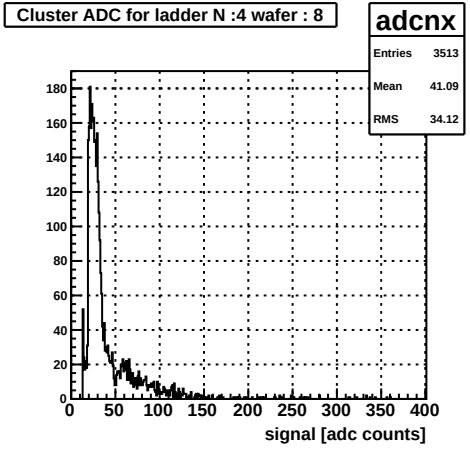

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 3593
Mean 27.24
RMS 29.2
signal [adc counts]

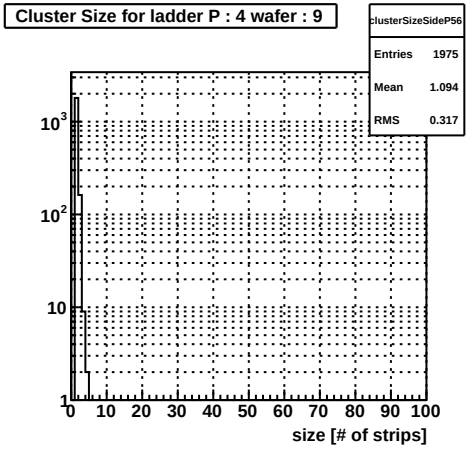

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 810
Mean 1.049
RMS 0.2331
size [# of strips]

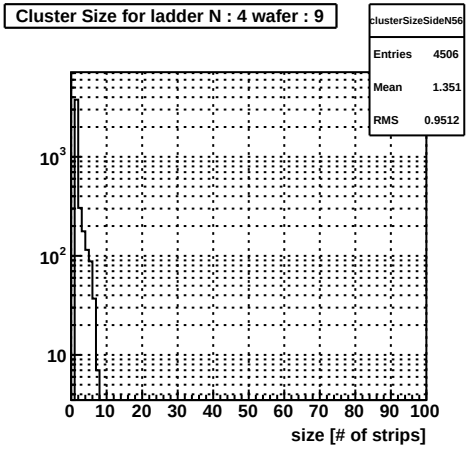

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 3513
Mean 1.564
RMS 0.9889
size [# of strips]

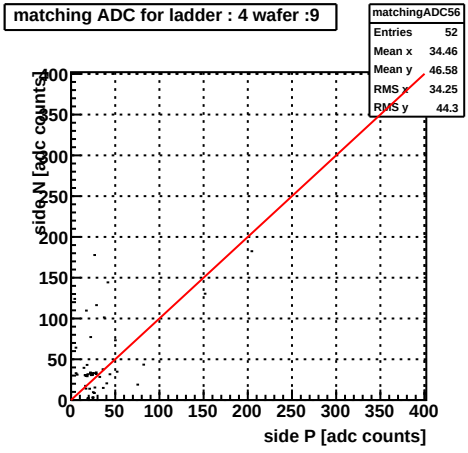

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 2
Mean x 63
Mean y 41
RMS x 16
RMS y 8
side N [adc counts]
side P [adc counts]

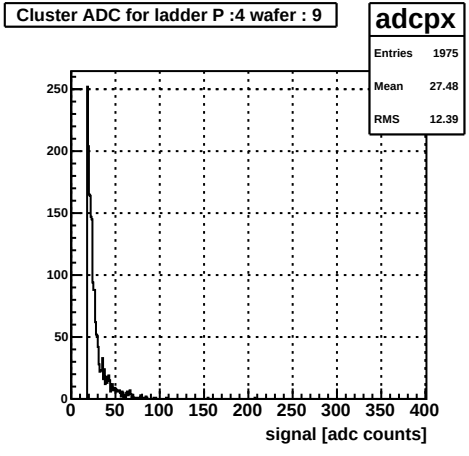

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 810
Mean 31.22
RMS 10.54
signal [adc counts]

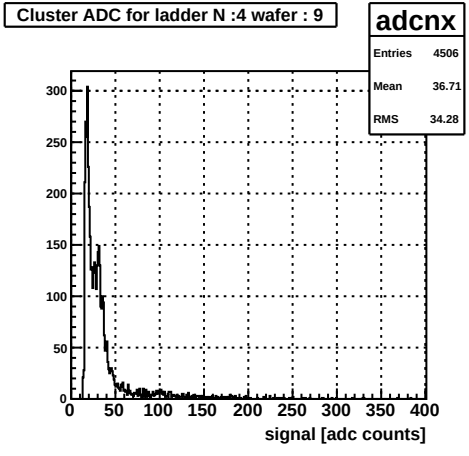

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 3513
Mean 41.09
RMS 34.12
signal [adc counts]

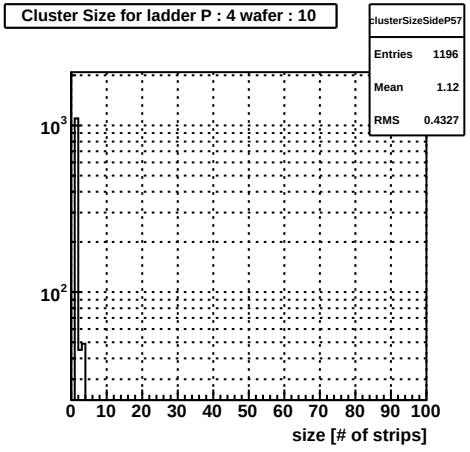

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 1975
Mean 1.094
RMS 0.317
size [# of strips]

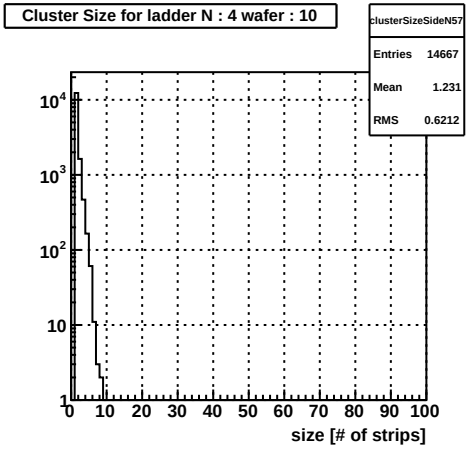

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 4506
Mean 1.351
RMS 0.9512
size [# of strips]

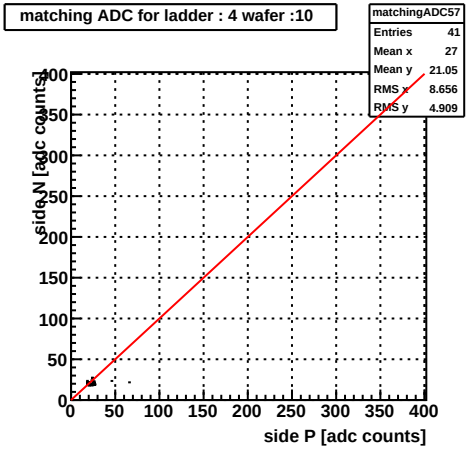

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 52
Mean x 34.46
Mean y 46.58
RMS x 34.25
RMS y 44.3
side N [adc counts]
side P [adc counts]

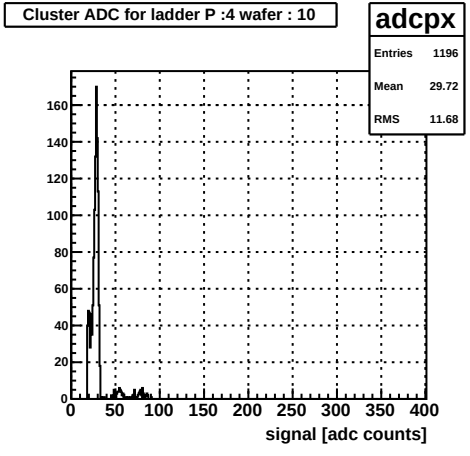

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 1975
Mean 27.48
RMS 12.39
signal [adc counts]

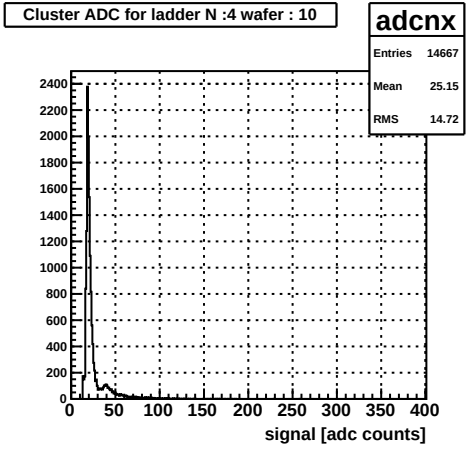

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 4506
Mean 36.71
RMS 34.28
signal [adc counts]

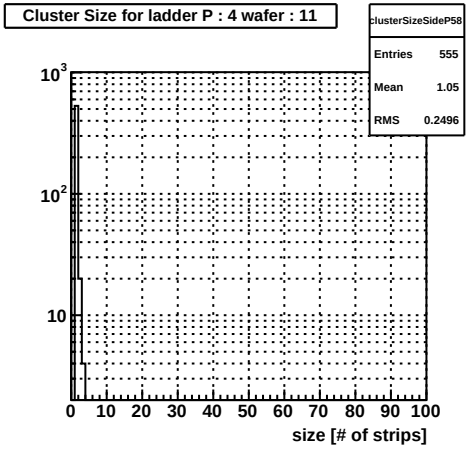

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 1196
Mean 1.12
RMS 0.4327
size [# of strips]

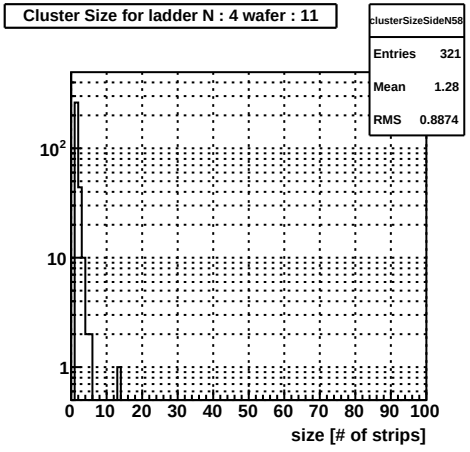

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 14667
Mean 1.231
RMS 0.6212
size [# of strips]

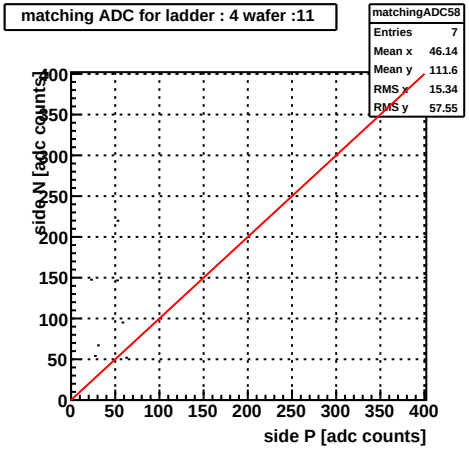

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 41
Mean x 27
Mean y 21.05
RMS x 8.656
RMS y 4.909
side N [adc counts]
side P [adc counts]

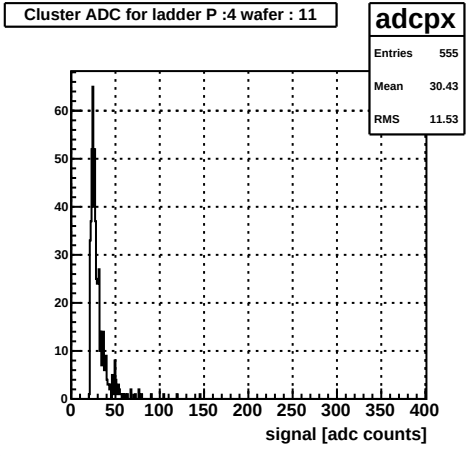

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 1196
Mean 29.72
RMS 11.68
signal [adc counts]

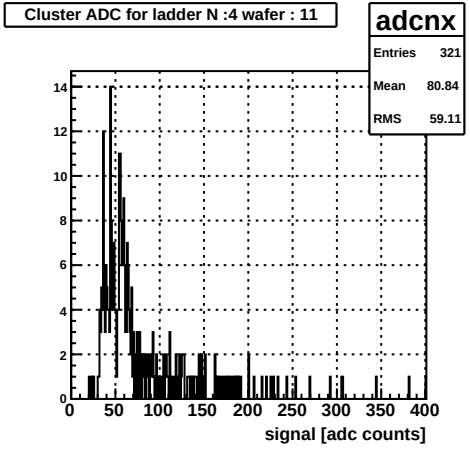

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 14667
Mean 25.15
RMS 14.72
signal [adc counts]

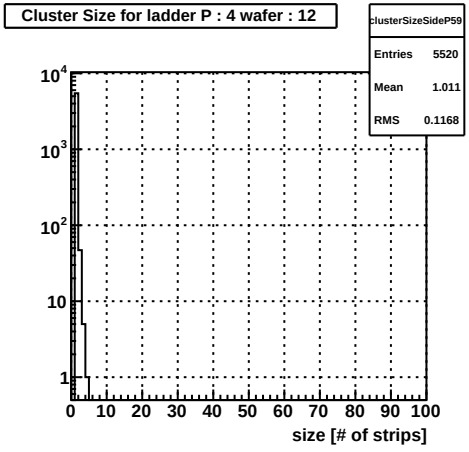

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 555
Mean 1.05
RMS 0.2496
size [# of strips]

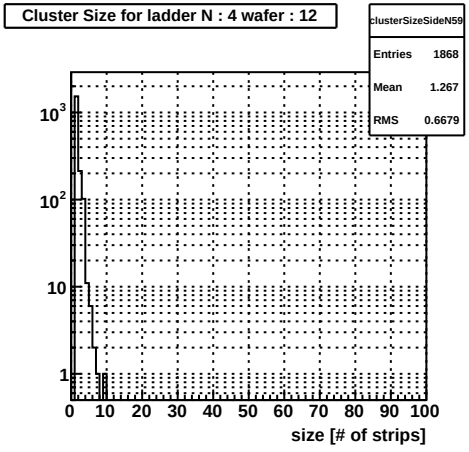

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 321
Mean 1.28
RMS 0.8874
size [# of strips]

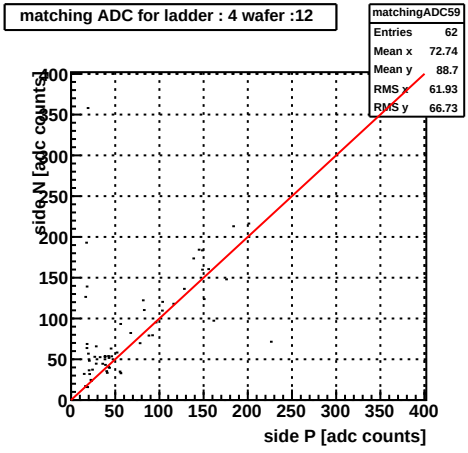

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 7
Mean x 46.14
Mean y 111.6
RMS x 15.34
RMS y 57.55
side N [adc counts]
side P [adc counts]

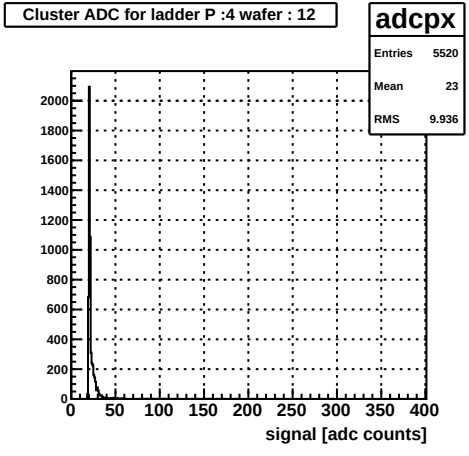

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 555
Mean 30.43
RMS 11.53
signal [adc counts]

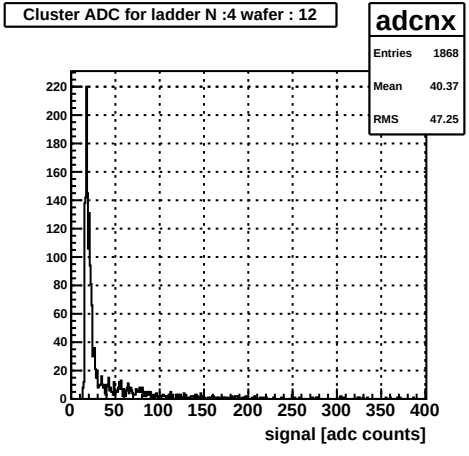

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 321
Mean 80.84
RMS 59.11
signal [adc counts]

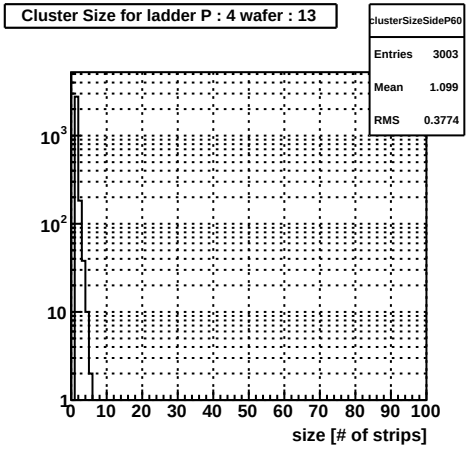

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 5520
Mean 1.011
RMS 0.1168
size [# of strips]

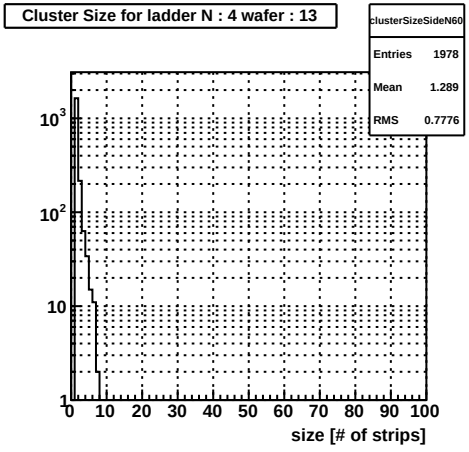

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 1868
Mean 1.267
RMS 0.6679
size [# of strips]

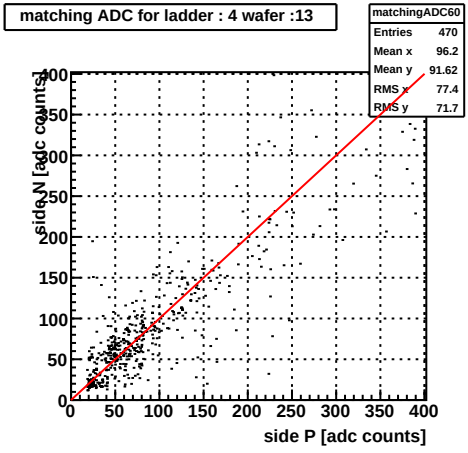

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 62
Mean x 72.74
Mean y 88.7
RMS x 61.93
RMS y 66.73
side N [adc counts]
side P [adc counts]

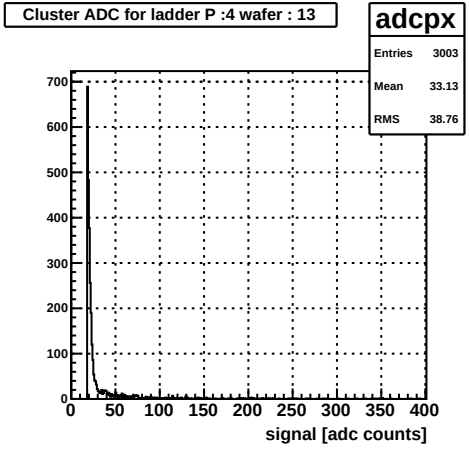

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 5520
Mean 23
RMS 9.936
signal [adc counts]

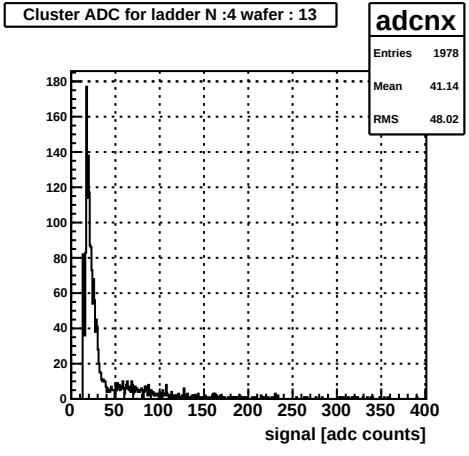

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 1868
Mean 40.37
RMS 47.25
signal [adc counts]

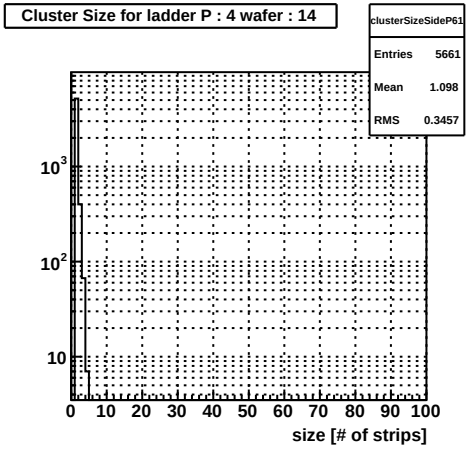

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 3003
Mean 1.099
RMS 0.3774
size [# of strips]

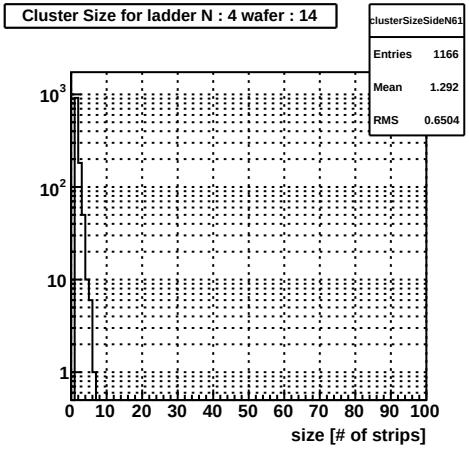

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 1978
Mean 1.289
RMS 0.7776
size [# of strips]

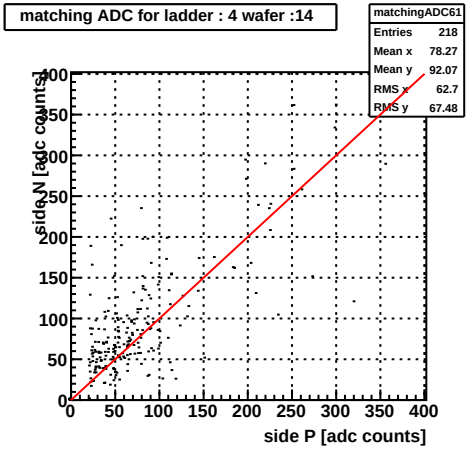

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 470
Mean x 96.2
Mean y 91.62
RMS x 77.4
RMS y 71.7
side N [adc counts]
side P [adc counts]

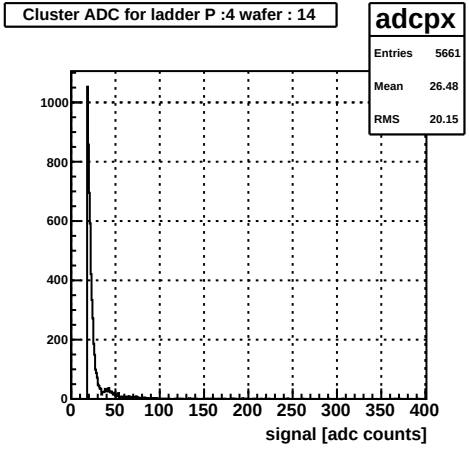

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 3003
Mean 33.13
RMS 38.76
signal [adc counts]

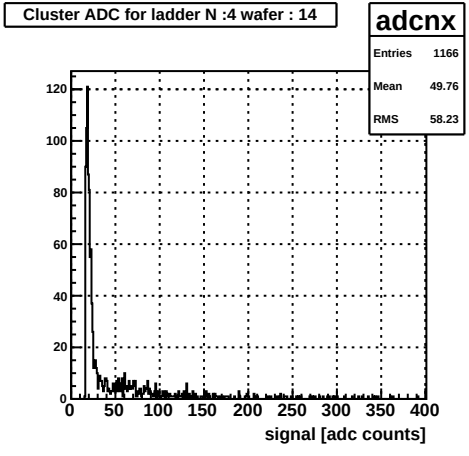

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 1978
Mean 41.14
RMS 48.02
signal [adc counts]

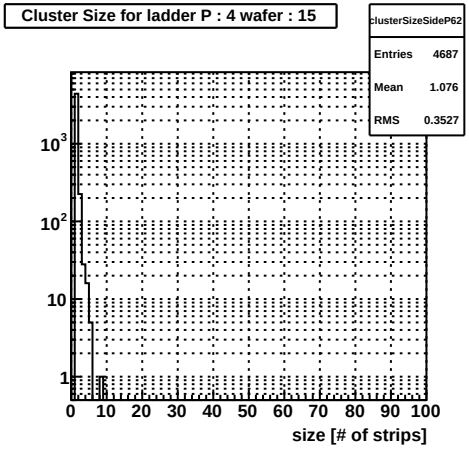

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 5661
Mean 1.098
RMS 0.3457
size [# of strips]

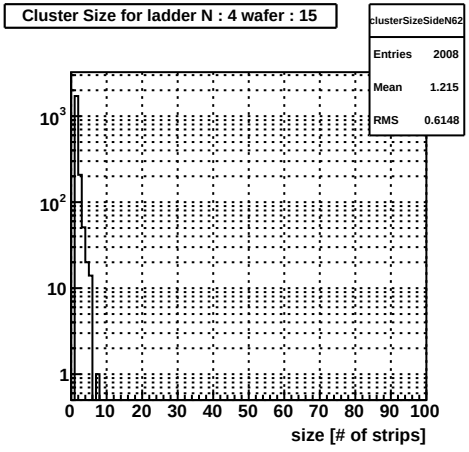

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 1166
Mean 1.292
RMS 0.6504
size [# of strips]

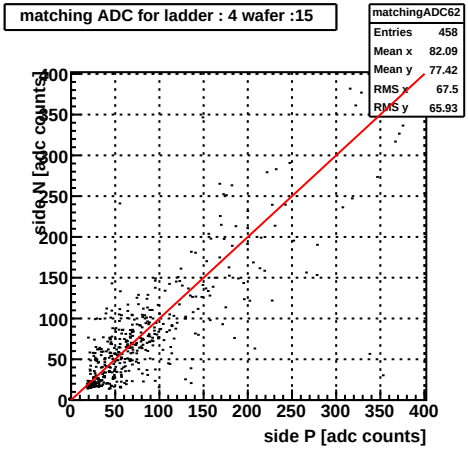

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 218
Mean x 78.27
Mean y 92.07
RMS x 62.7
RMS y 67.48
side N [adc counts]
side P [adc counts]

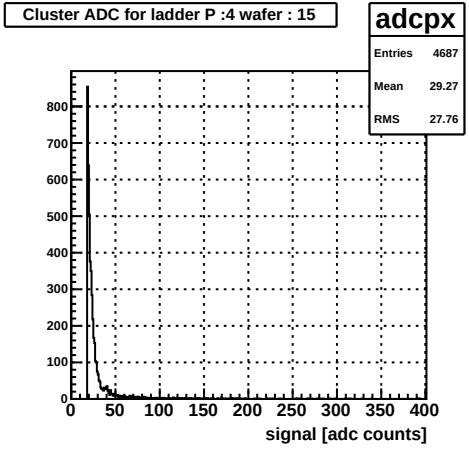

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 5661
Mean 26.48
RMS 20.15
signal [adc counts]

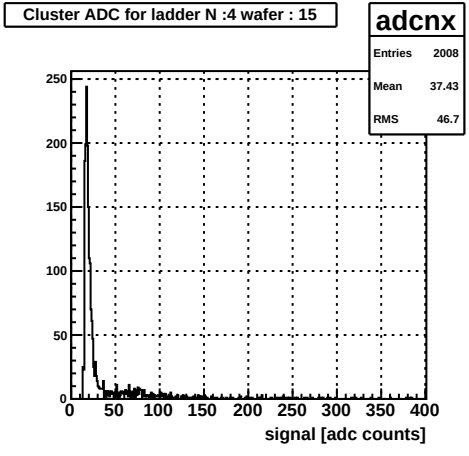

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 1166
Mean 49.76
RMS 58.23
signal [adc counts]

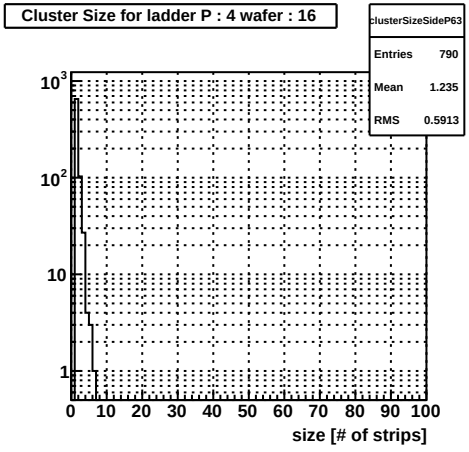

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 4687
Mean 1.076
RMS 0.3527
size [# of strips]

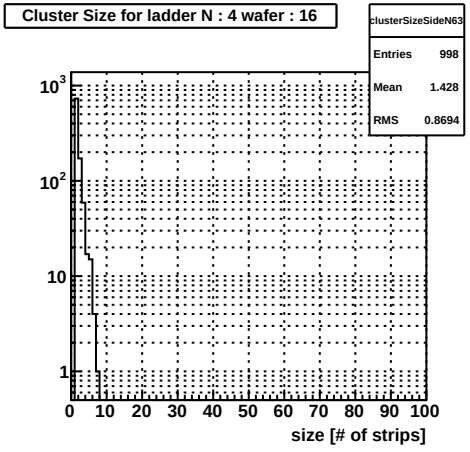

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 2008
Mean 1.215
RMS 0.6148
size [# of strips]

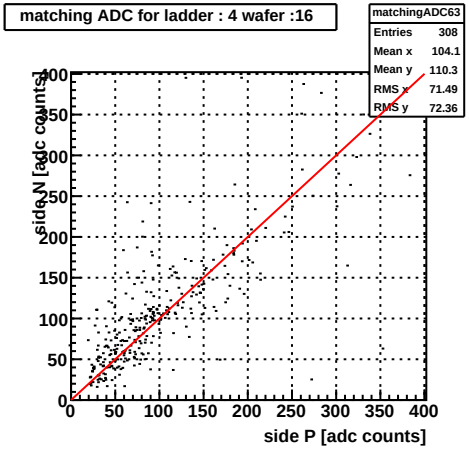

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 458
Mean x 82.09
Mean y 77.42
RMS x 67.5
RMS y 65.93
side N [adc counts]
side P [adc counts]

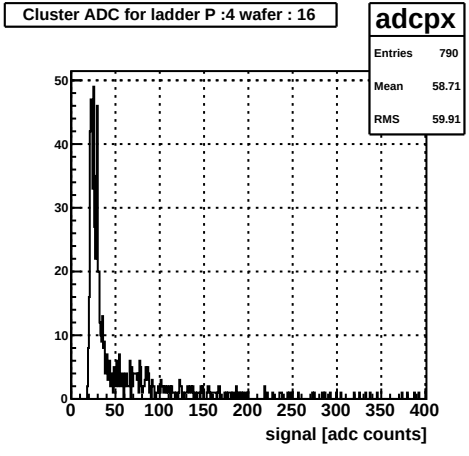

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 4687
Mean 29.27
RMS 27.76
signal [adc counts]

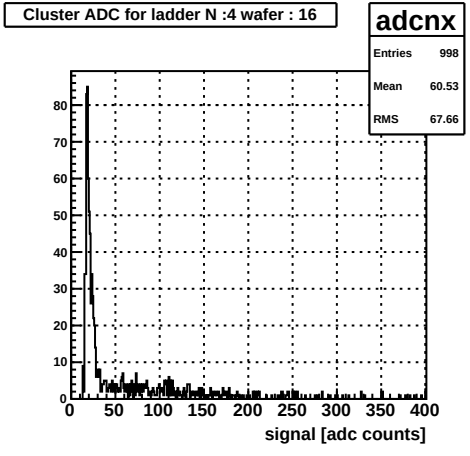

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 2008
Mean 37.43
RMS 46.7
signal [adc counts]

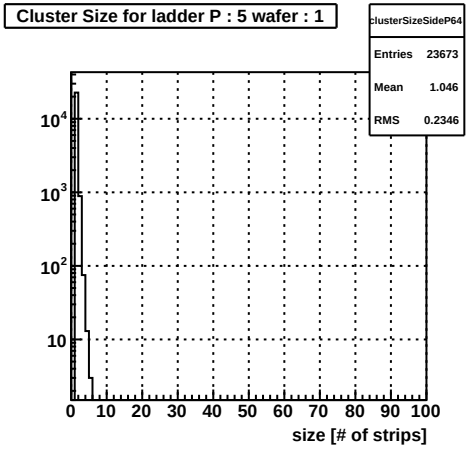

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 790
Mean 1.235
RMS 0.5913
size [# of strips]

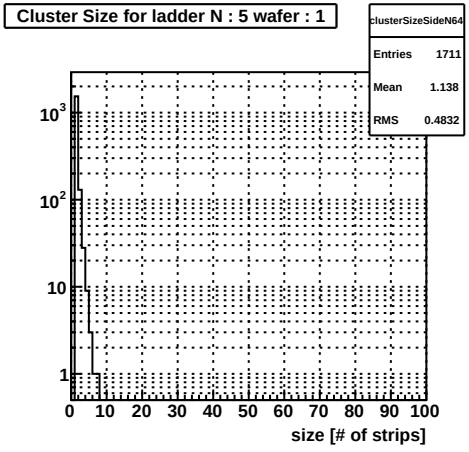

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 998
Mean 1.428
RMS 0.8694
size [# of strips]

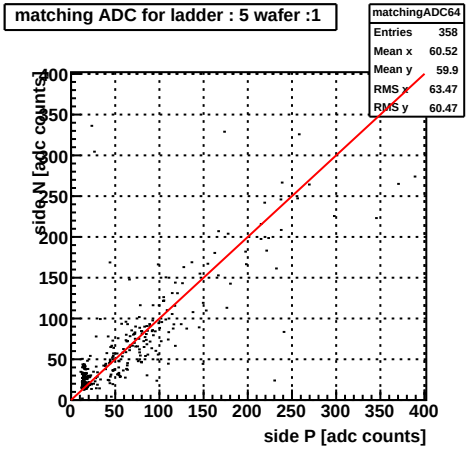

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 308
Mean x 104.1
Mean y 110.3
RMS x 71.49
RMS y 72.36
side N [adc counts]
side P [adc counts]

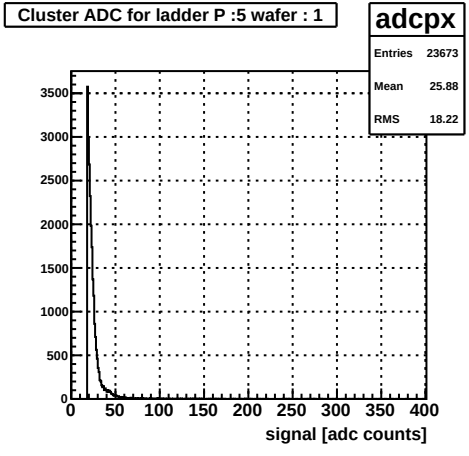

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 790
Mean 58.71
RMS 59.91
signal [adc counts]

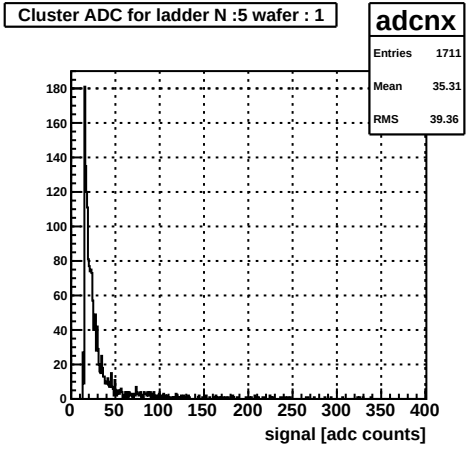

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 998
Mean 60.53
RMS 67.66
signal [adc counts]

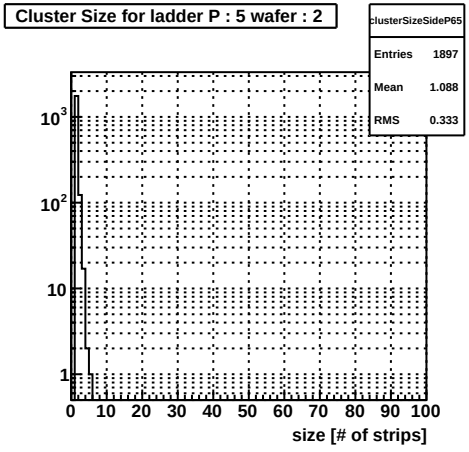

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 23673
Mean 1.046
RMS 0.2346
size [# of strips]

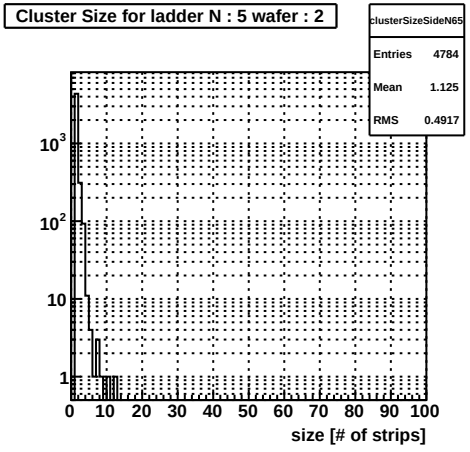

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 1711
Mean 1.138
RMS 0.4832
size [# of strips]

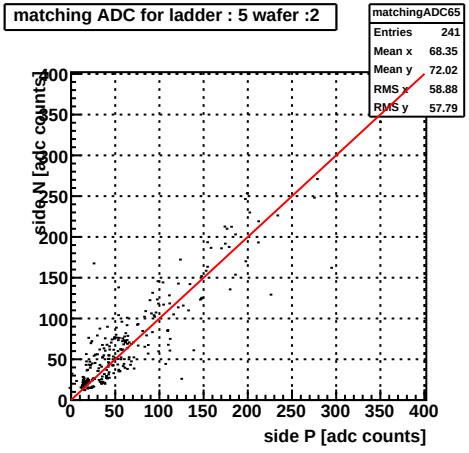

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 358
Mean x 60.52
Mean y 59.9
RMS x 63.47
RMS y 60.47
side N [adc counts]
side P [adc counts]

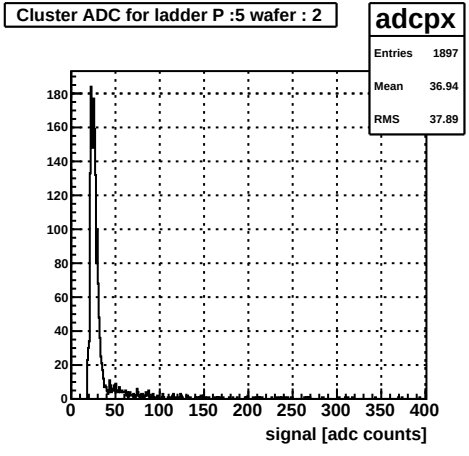

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 23673
Mean 25.88
RMS 18.22
signal [adc counts]

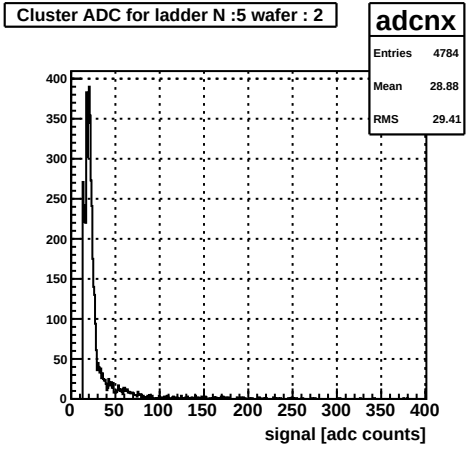

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 1711
Mean 35.31
RMS 39.36
signal [adc counts]

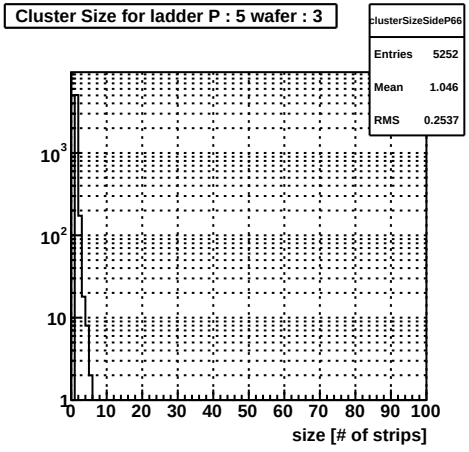

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 1897
Mean 1.088
RMS 0.333
size [# of strips]

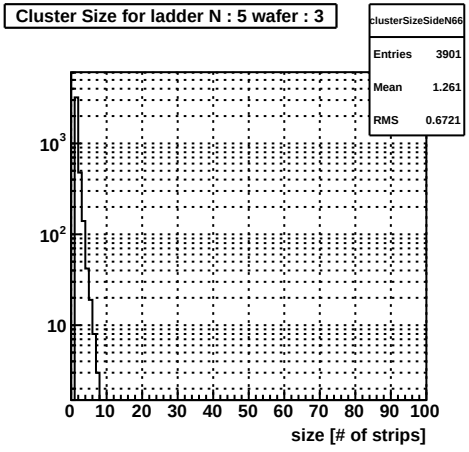

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 4784
Mean 1.125
RMS 0.4917
size [# of strips]

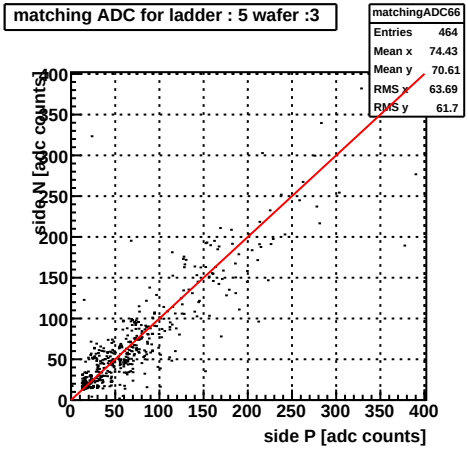

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 241
Mean x 68.35
Mean y 72.02
RMS x 58.88
RMS y 57.79
side N [adc counts]
side P [adc counts]

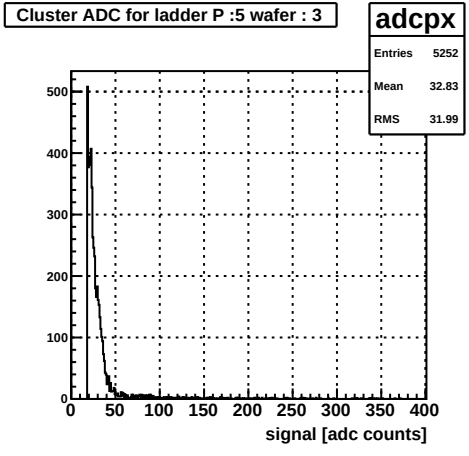

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 1897
Mean 36.94
RMS 37.89
signal [adc counts]

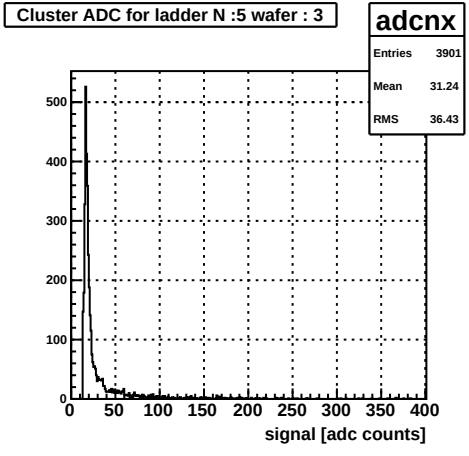

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 4784
Mean 28.88
RMS 29.41
signal [adc counts]

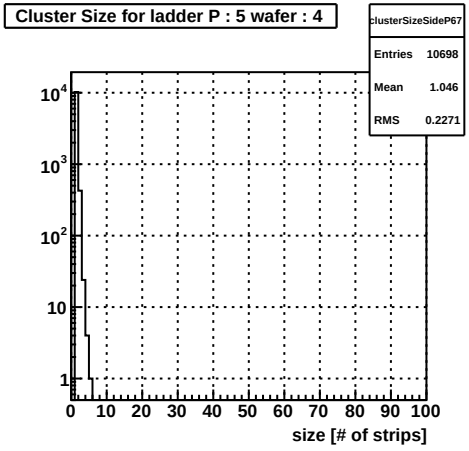

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 5252
Mean 1.046
RMS 0.2537
size [# of strips]

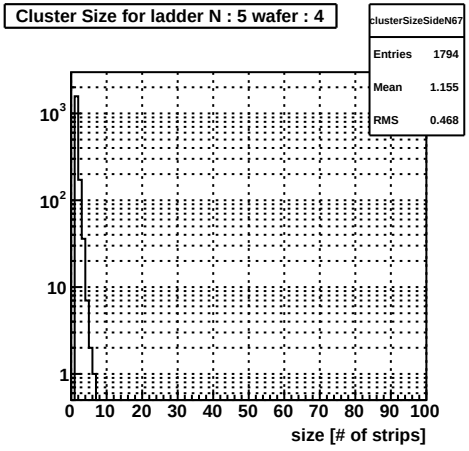

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 3901
Mean 1.261
RMS 0.6721
size [# of strips]

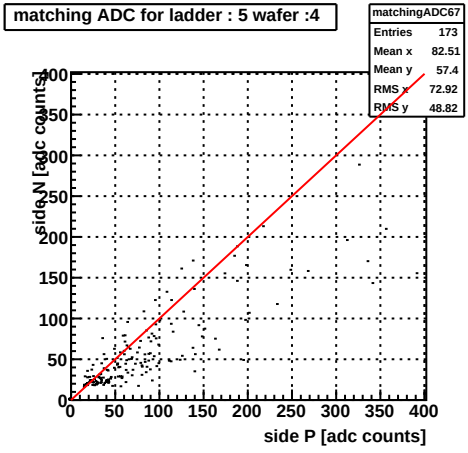

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 464
Mean x 74.43
Mean y 70.61
RMS x 63.69
RMS y 61.7
side N [adc counts]
side P [adc counts]

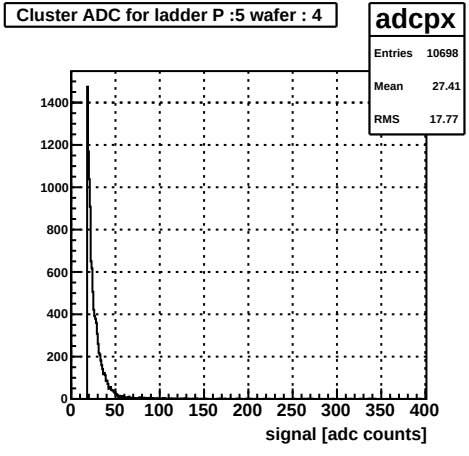

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 5252
Mean 32.83
RMS 31.99
signal [adc counts]

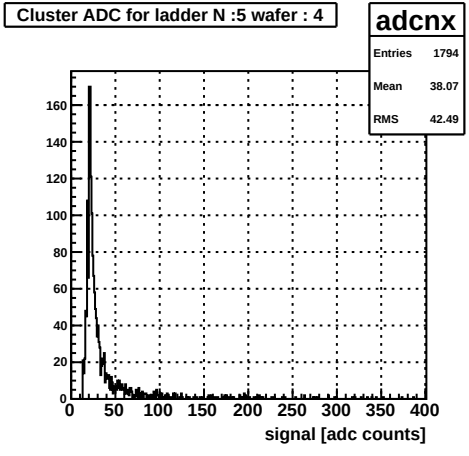

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 3901
Mean 31.24
RMS 36.43
signal [adc counts]

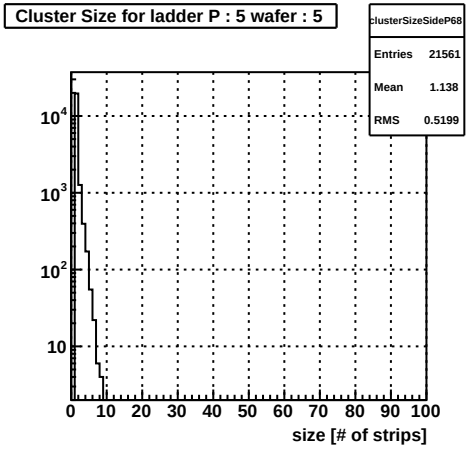

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 10698
Mean 1.046
RMS 0.2271
size [# of strips]

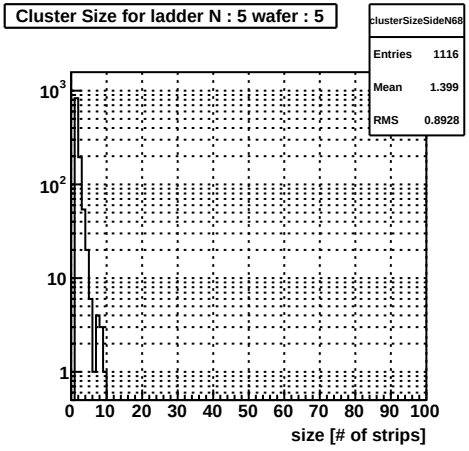

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 1794
Mean 1.155
RMS 0.468
size [# of strips]

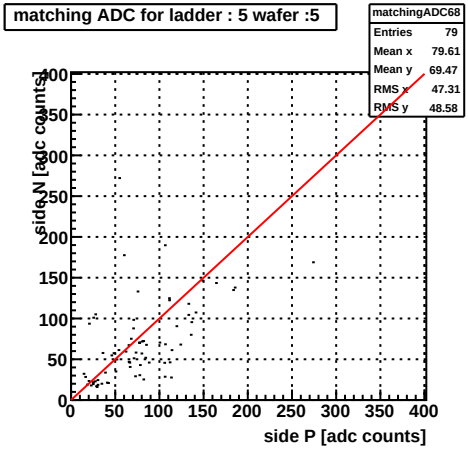

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 173
Mean x 82.51
Mean y 57.4
RMS x 72.92
RMS y 48.82
side N [adc counts]
side P [adc counts]

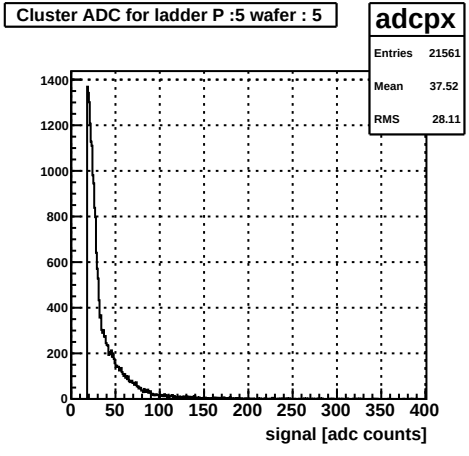

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 10698
Mean 27.41
RMS 17.77
signal [adc counts]

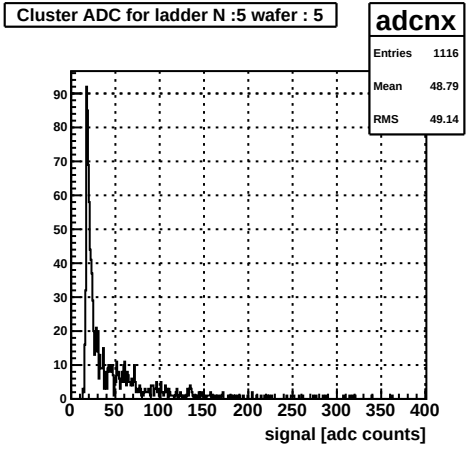

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 1794
Mean 38.07
RMS 42.49
signal [adc counts]

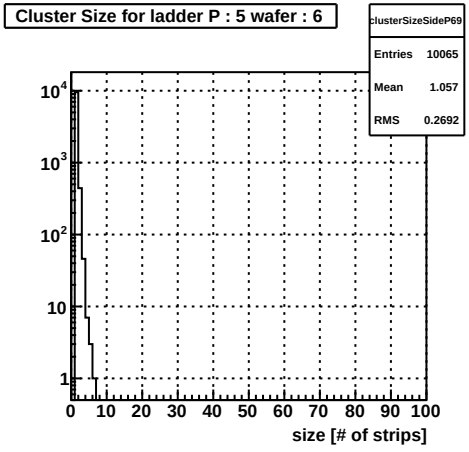

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 21561
Mean 1.138
RMS 0.5199
size [# of strips]

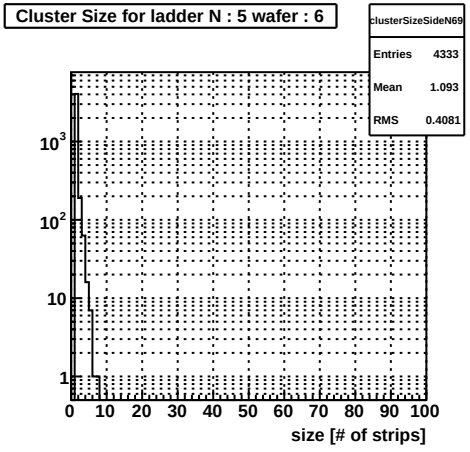

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 1116
Mean 1.399
RMS 0.8928
size [# of strips]

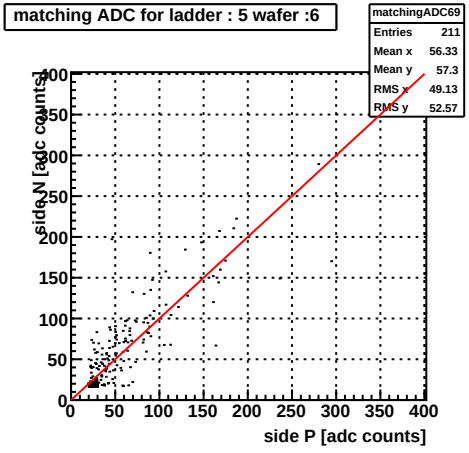

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 79
Mean x 79.61
Mean y 69.47
RMS x 47.31
RMS y 48.58
side N [adc counts]
side P [adc counts]

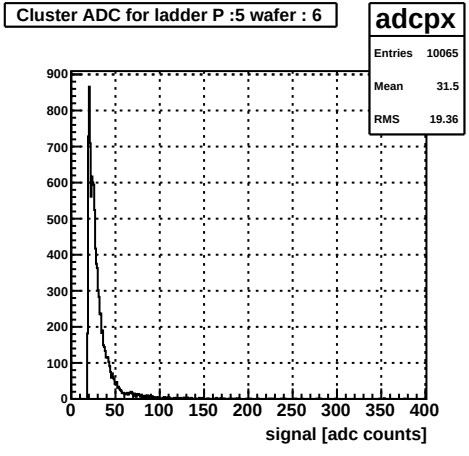

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 21561
Mean 37.52
RMS 28.11
signal [adc counts]

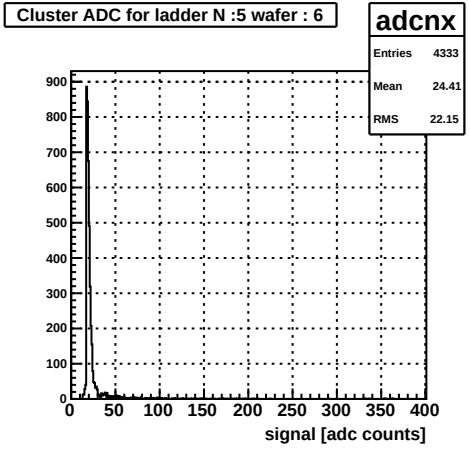

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 1116
Mean 48.79
RMS 49.14
signal [adc counts]

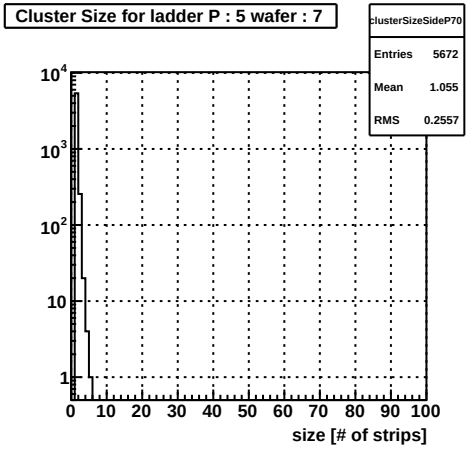

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 10065
Mean 1.057
RMS 0.2692
size [# of strips]

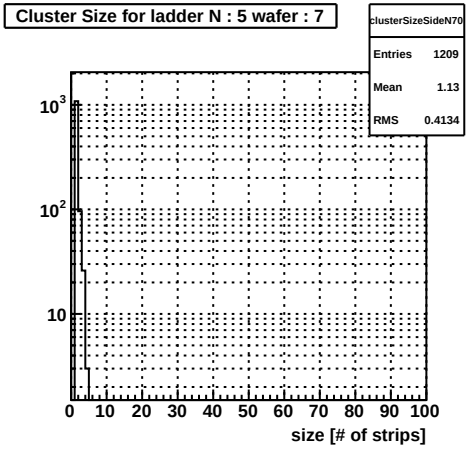

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 4333
Mean 1.093
RMS 0.4081
size [# of strips]

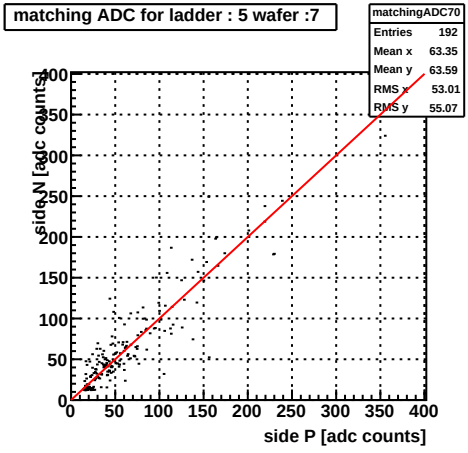

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 211
Mean x 56.33
Mean y 57.3
RMS x 49.13
RMS y 52.57
side N [adc counts]
side P [adc counts]

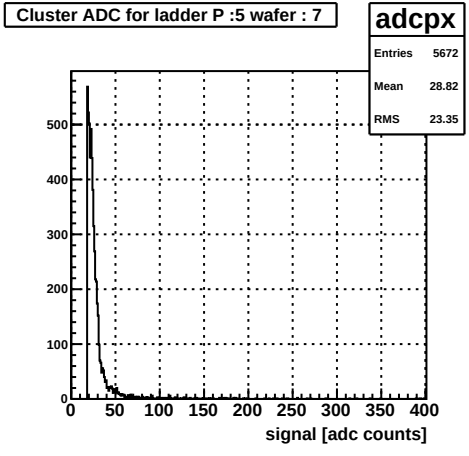

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 10065
Mean 31.5
RMS 19.36
signal [adc counts]

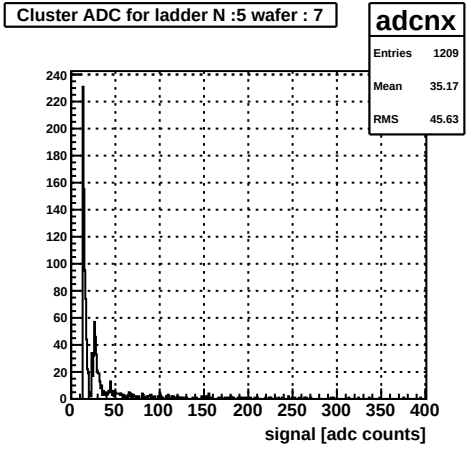

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 4333
Mean 24.41
RMS 22.15
signal [adc counts]

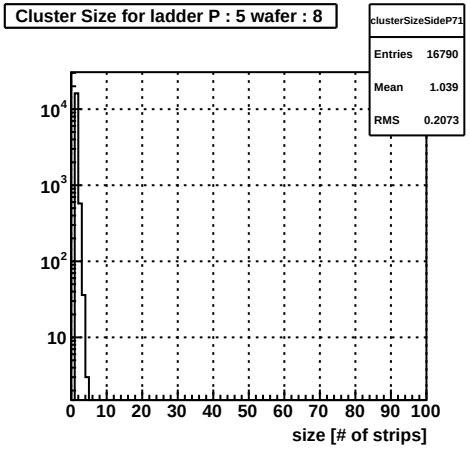

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 5672
Mean 1.055
RMS 0.2557
size [# of strips]

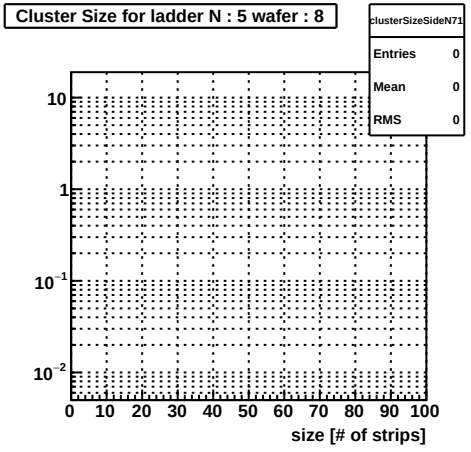

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 1209
Mean 1.13
RMS 0.4134
size [# of strips]

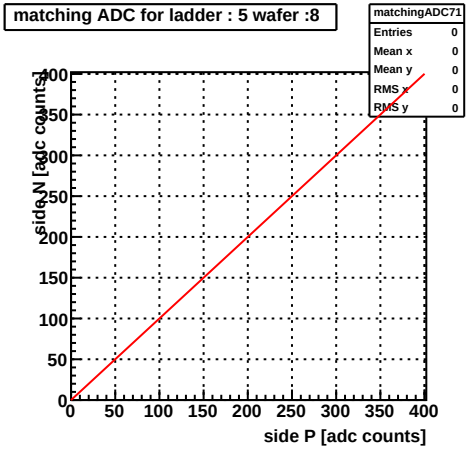

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 192
Mean x 63.35
Mean y 63.59
RMS x 53.01
RMS y 55.07
side N [adc counts]
side P [adc counts]

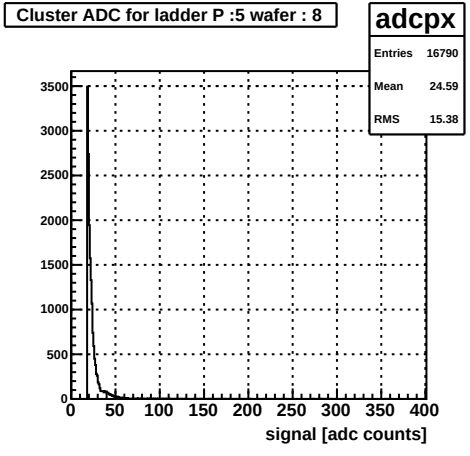

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 5672
Mean 28.82
RMS 23.35
signal [adc counts]

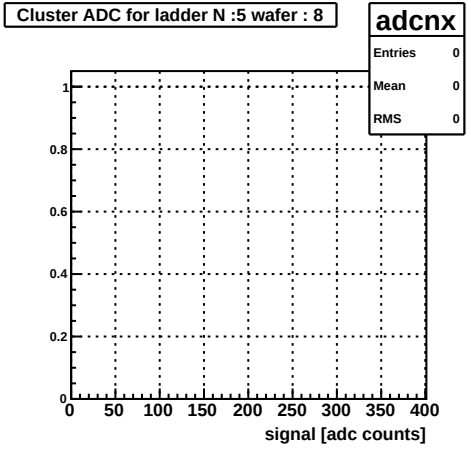

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 1209
Mean 35.17
RMS 45.63
signal [adc counts]

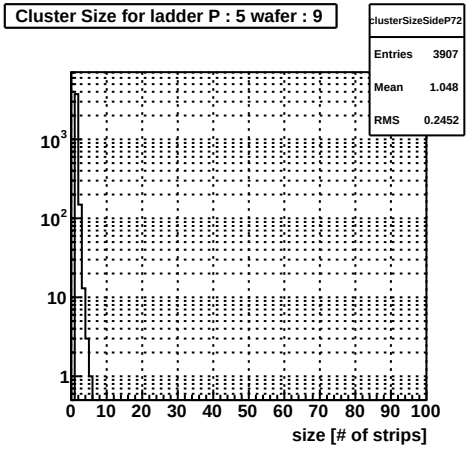

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 16790
Mean 1.039
RMS 0.2073
size [# of strips]

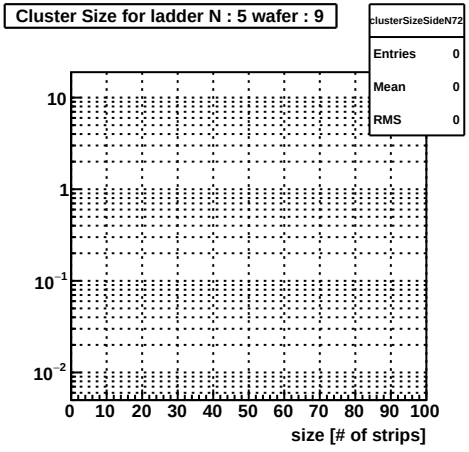

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

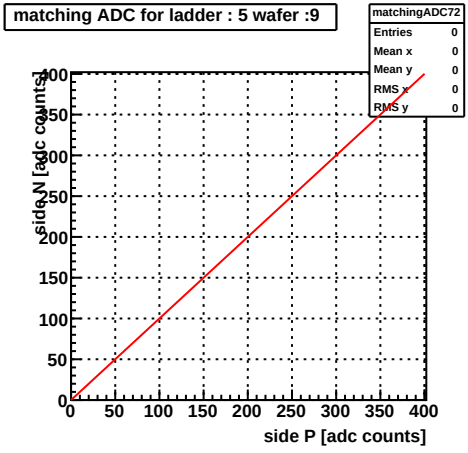

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

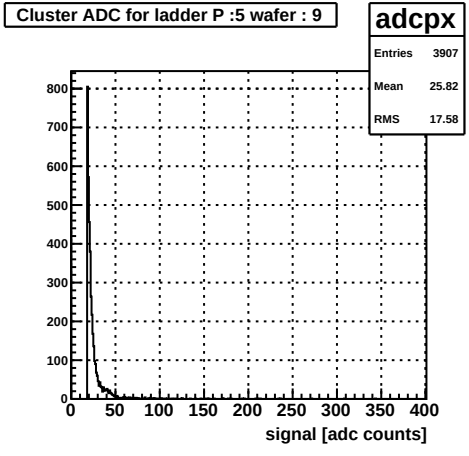

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 16790
Mean 24.59
RMS 15.38
signal [adc counts]

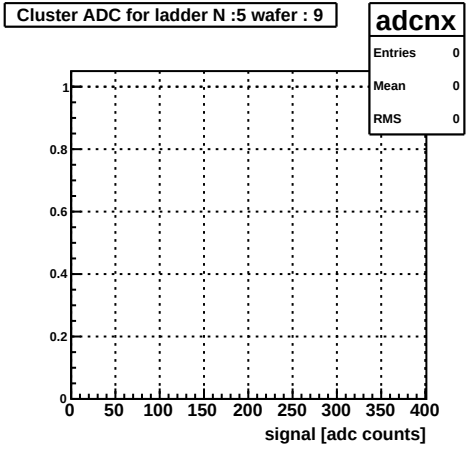

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

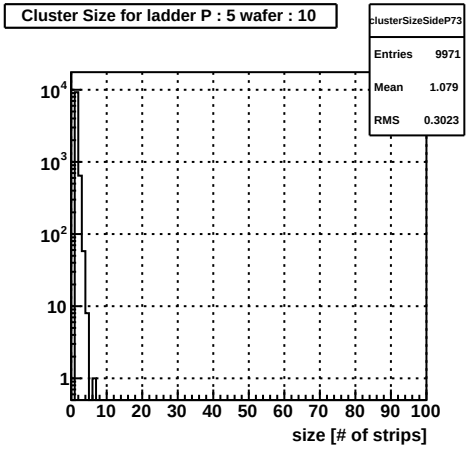

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 3907
Mean 1.048
RMS 0.2452
size [# of strips]

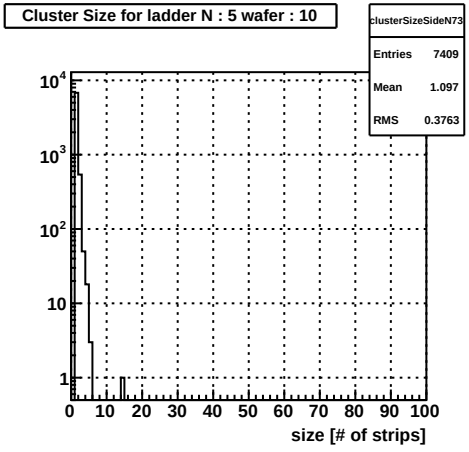

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 0
Mean 0
RMS 0
size [# of strips]

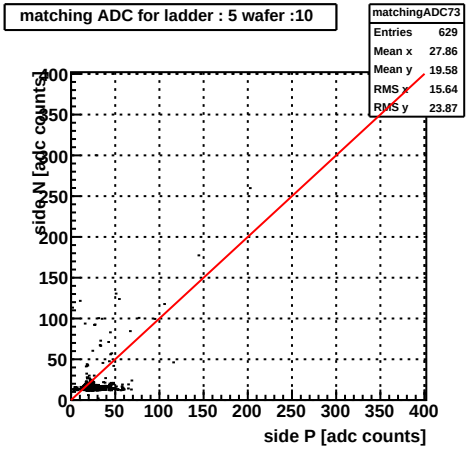

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

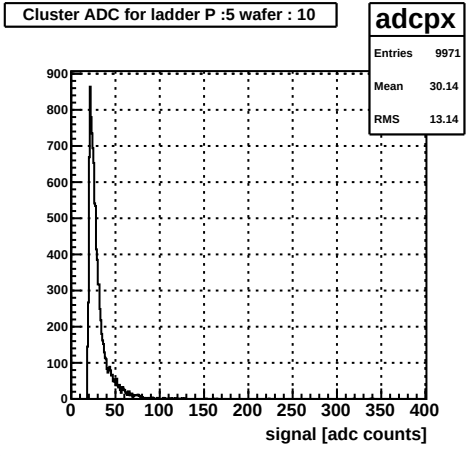

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 3907
Mean 25.82
RMS 17.58
signal [adc counts]

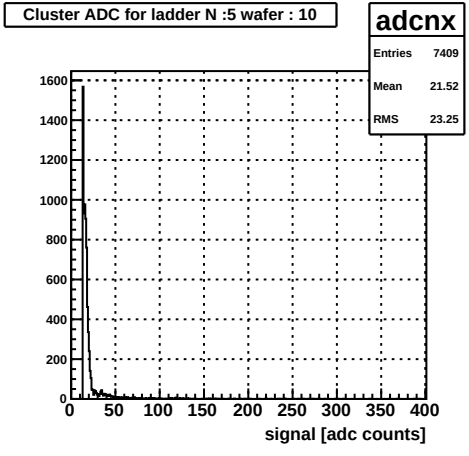

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

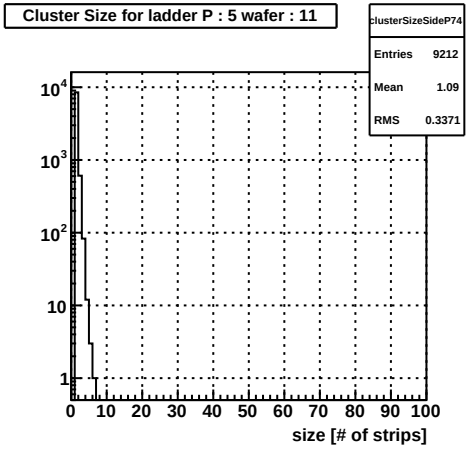

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 9971
Mean 1.079
RMS 0.3023
size [# of strips]

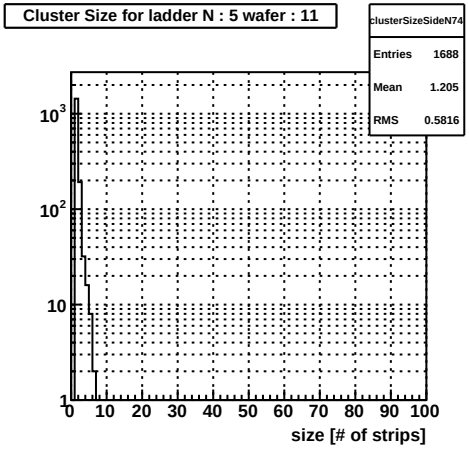

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 7409
Mean 1.097
RMS 0.3763
size [# of strips]

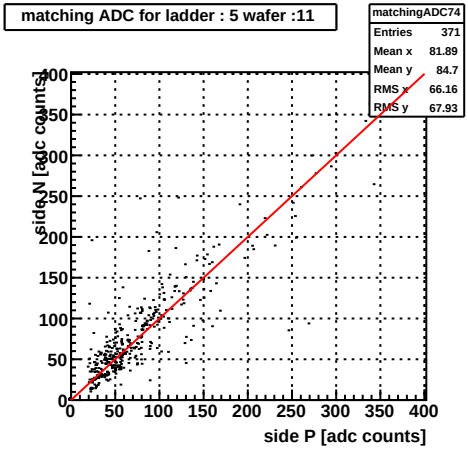

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 629
Mean x 27.86
Mean y 19.58
RMS x 15.64
RMS y 23.87
side N [adc counts]
side P [adc counts]

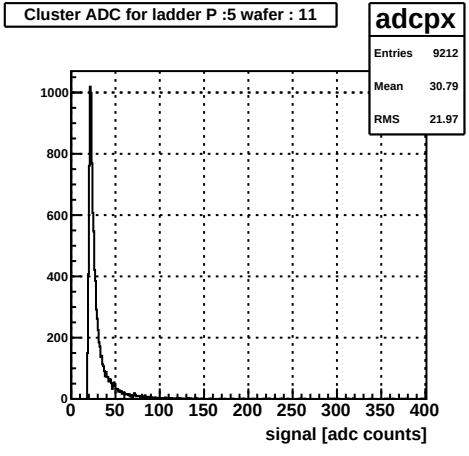

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 9971
Mean 30.14
RMS 13.14
signal [adc counts]

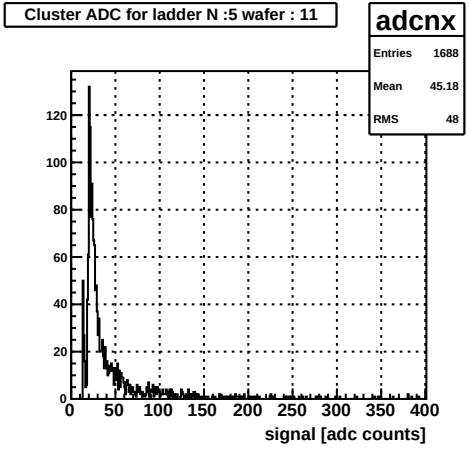

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 7409
Mean 21.52
RMS 23.25
signal [adc counts]

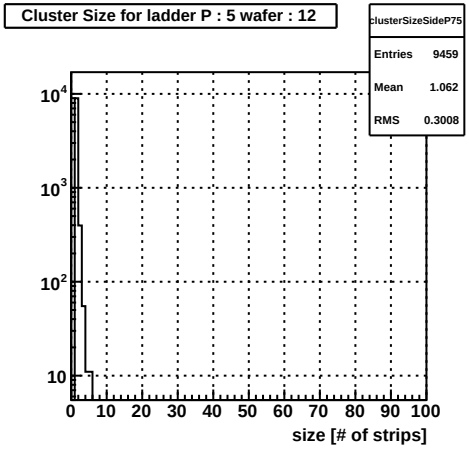

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 9212
Mean 1.09
RMS 0.3371
size [# of strips]

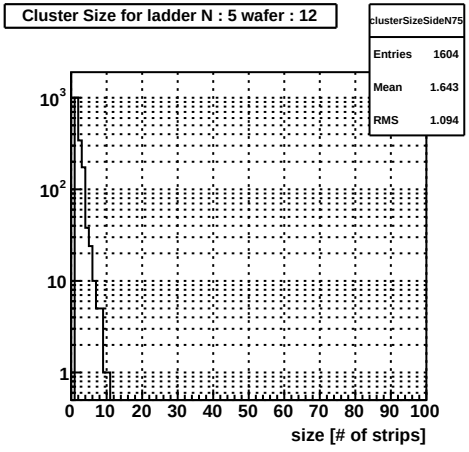

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 1688
Mean 1.205
RMS 0.5816
size [# of strips]

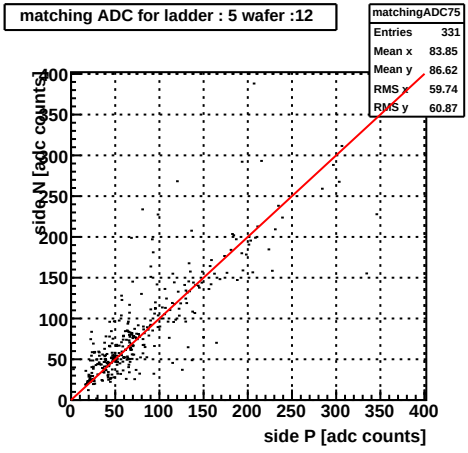

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 371
Mean x 81.89
Mean y 84.7
RMS x 66.16
RMS y 67.93
side N [adc counts]
side P [adc counts]

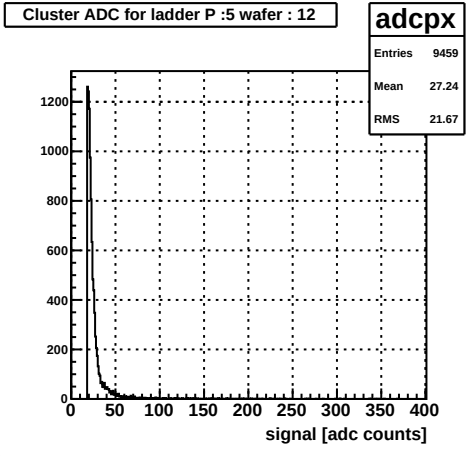

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 9212
Mean 30.79
RMS 21.97
signal [adc counts]

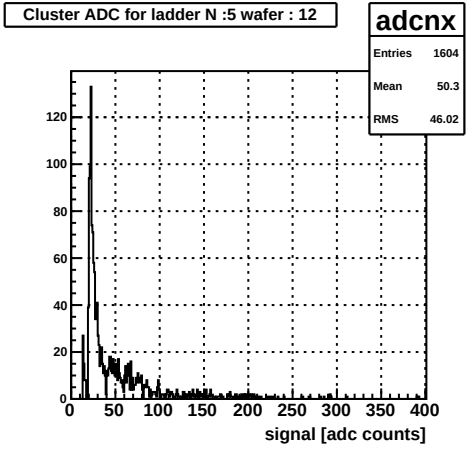

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 1688
Mean 45.18
RMS 48
signal [adc counts]

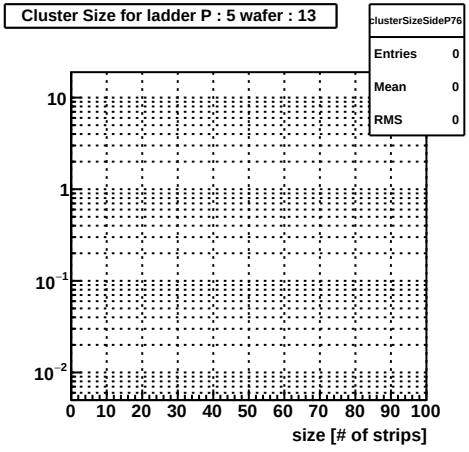

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 9459
Mean 1.062
RMS 0.3008
size [# of strips]

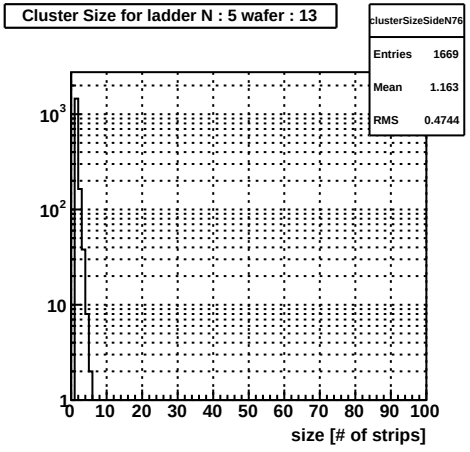

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 1604
Mean 1.643
RMS 1.094
size [# of strips]

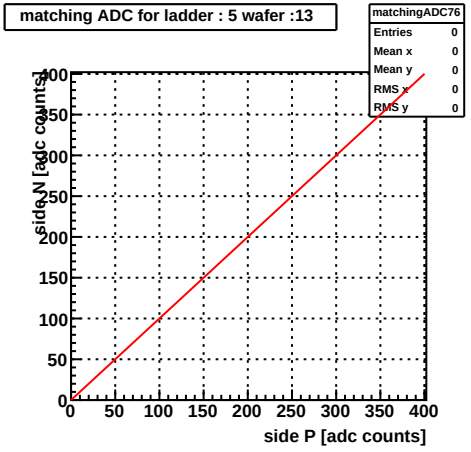

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 331
Mean x 83.85
Mean y 86.62
RMS x 59.74
RMS y 60.87
side N [adc counts]
side P [adc counts]

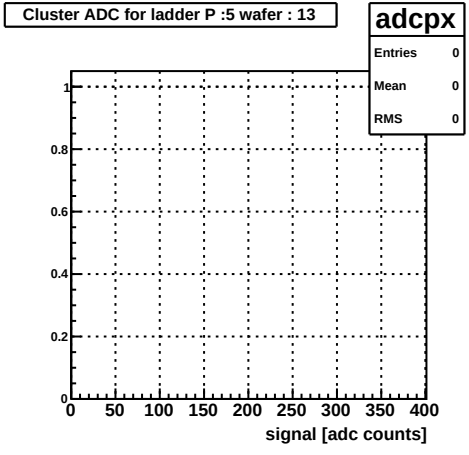

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 9459
Mean 27.24
RMS 21.67
signal [adc counts]

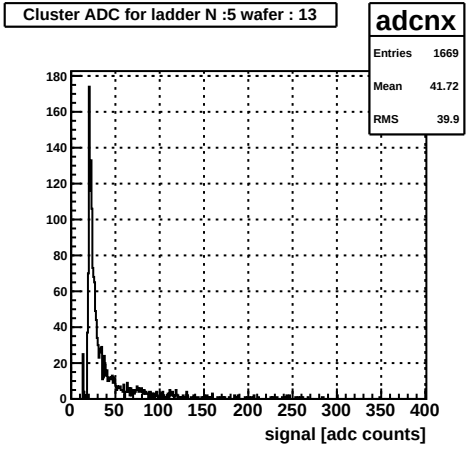

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 1604
Mean 50.3
RMS 46.02
signal [adc counts]

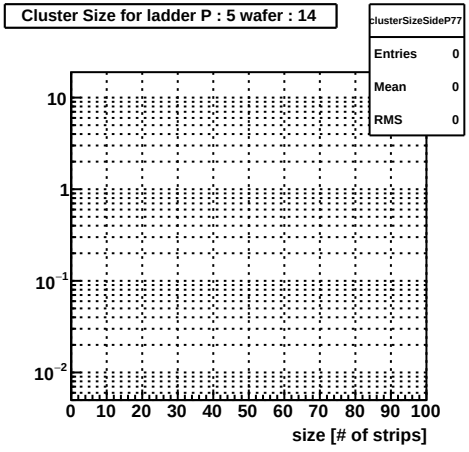

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 0
Mean 0
RMS 0
size [# of strips]

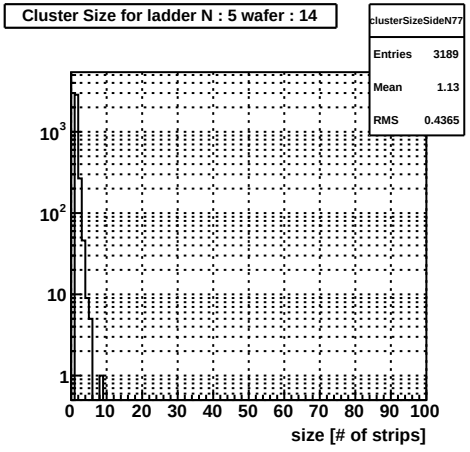

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 1669
Mean 1.163
RMS 0.4744
size [# of strips]

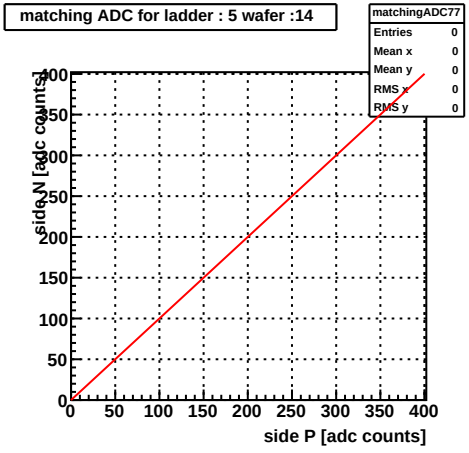

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

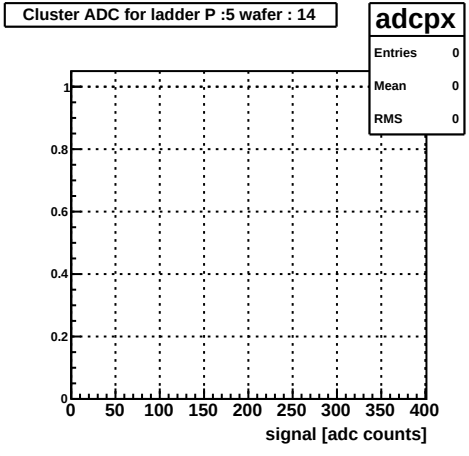

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

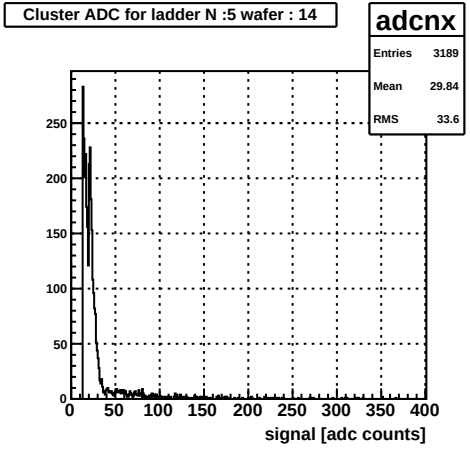

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 1669
Mean 41.72
RMS 39.9
signal [adc counts]

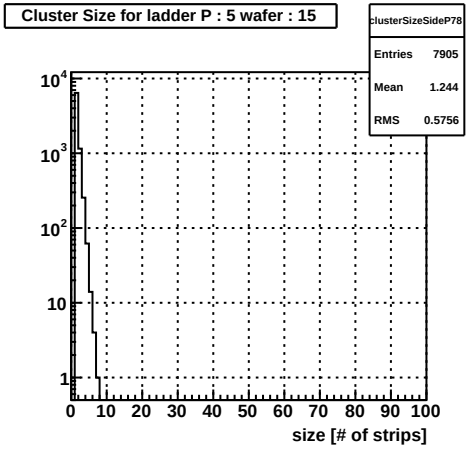

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

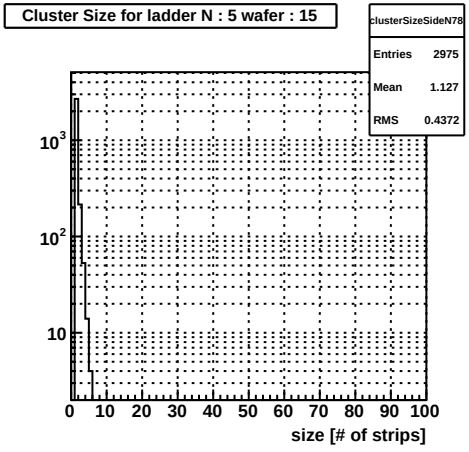

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 3189
Mean 1.13
RMS 0.4365
size [# of strips]

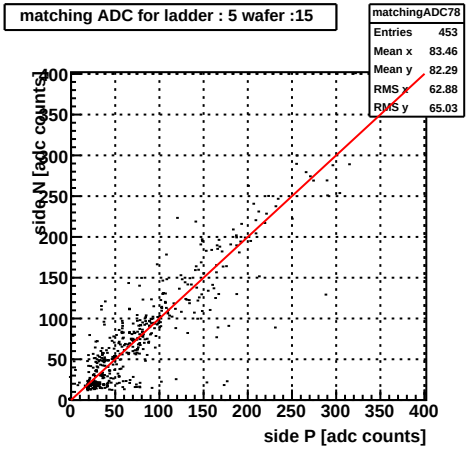

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

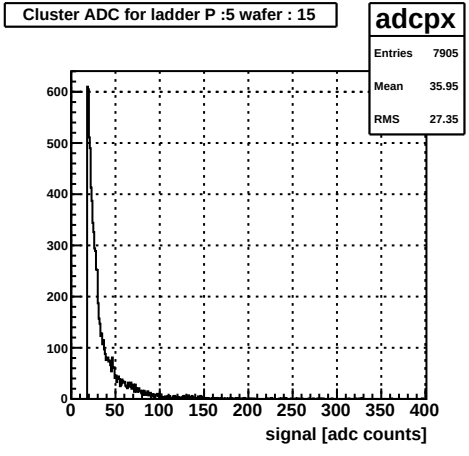

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

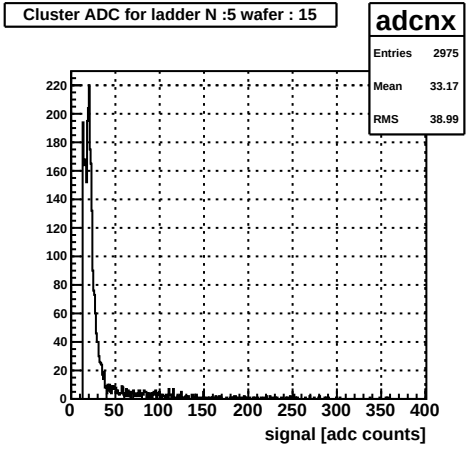

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 3189
Mean 29.84
RMS 33.6
signal [adc counts]

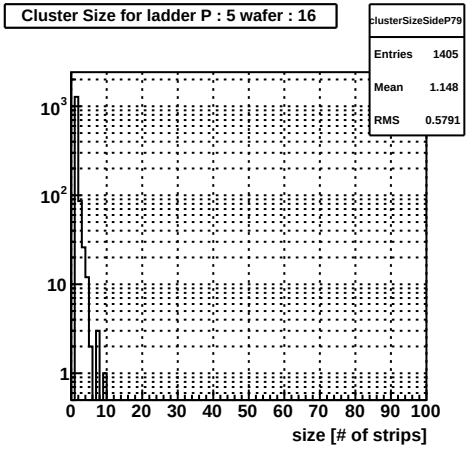

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 7905
Mean 1.244
RMS 0.5756
size [# of strips]

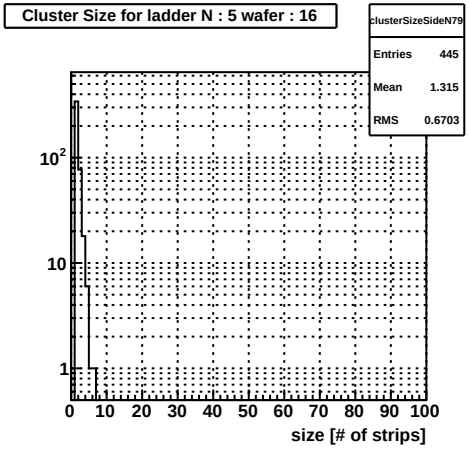

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 2975
Mean 1.127
RMS 0.4372
size [# of strips]

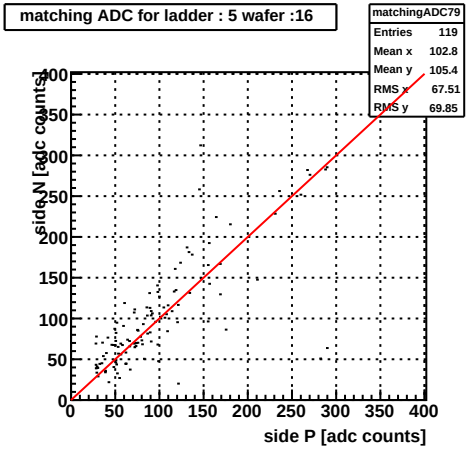

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 453
Mean x 83.46
Mean y 82.29
RMS x 62.88
RMS y 65.03
side N [adc counts]
side P [adc counts]

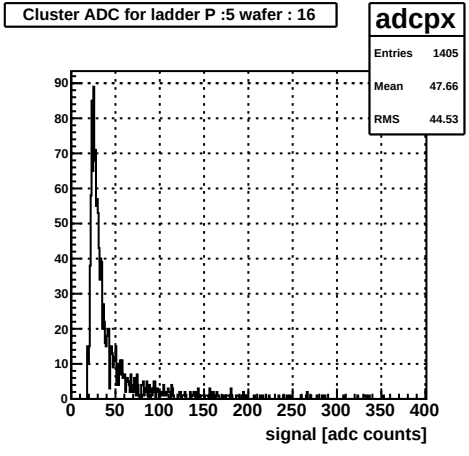

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 7905
Mean 35.95
RMS 27.35
signal [adc counts]

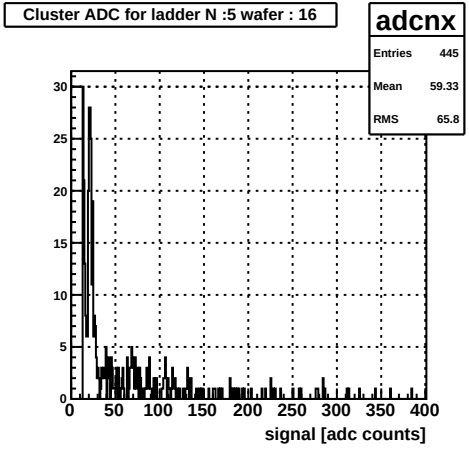

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 2975
Mean 33.17
RMS 38.99
signal [adc counts]

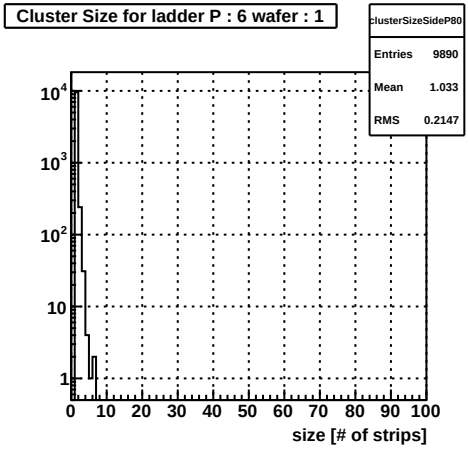

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 1405
Mean 1.148
RMS 0.5791
size [# of strips]

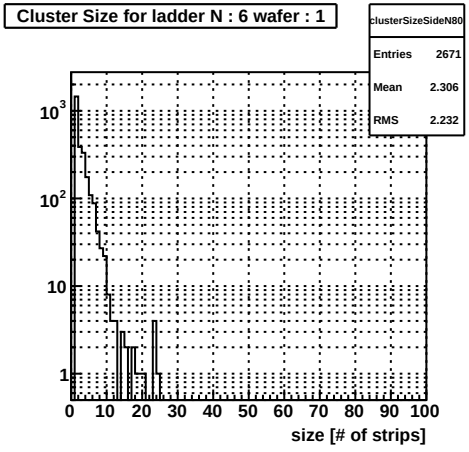

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 445
Mean 1.315
RMS 0.6703
size [# of strips]

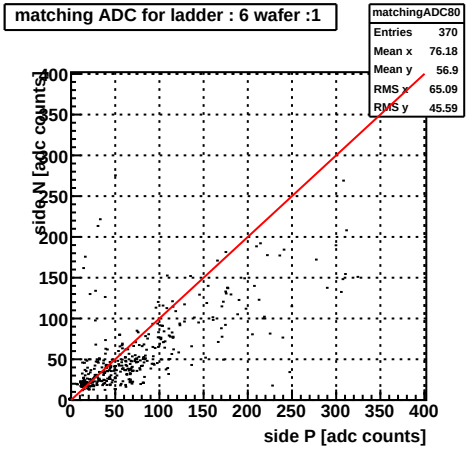

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 119
Mean x 102.8
Mean y 105.4
RMS x 67.51
RMS y 69.85
side N [adc counts]
side P [adc counts]

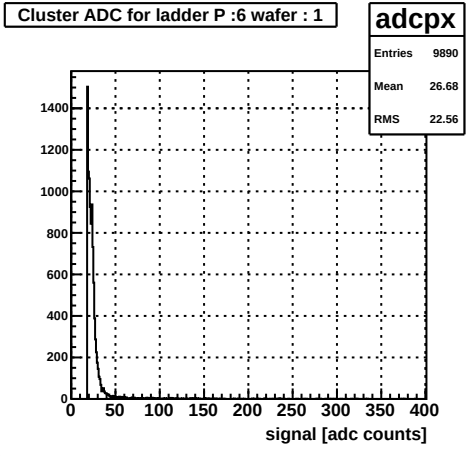

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 1405
Mean 47.66
RMS 44.53
signal [adc counts]

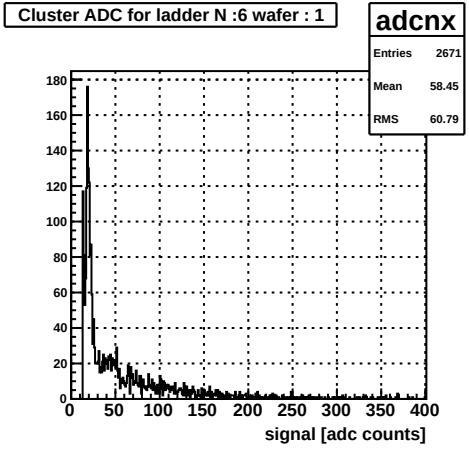

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 445
Mean 59.33
RMS 65.8
signal [adc counts]

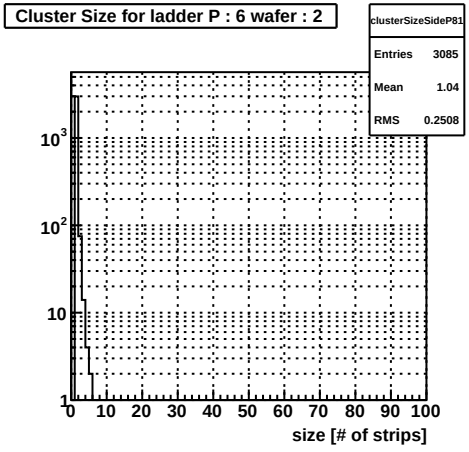

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 9890
Mean 1.033
RMS 0.2147
size [# of strips]

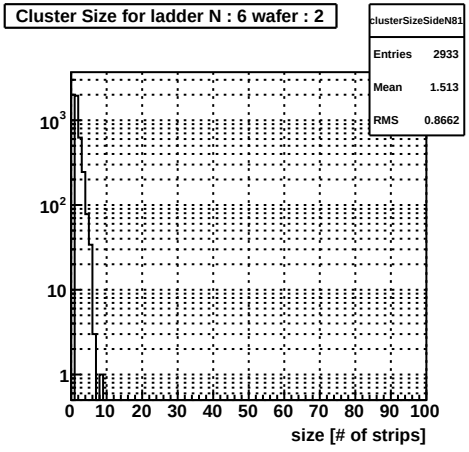

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 2671
Mean 2.306
RMS 2.232
size [# of strips]

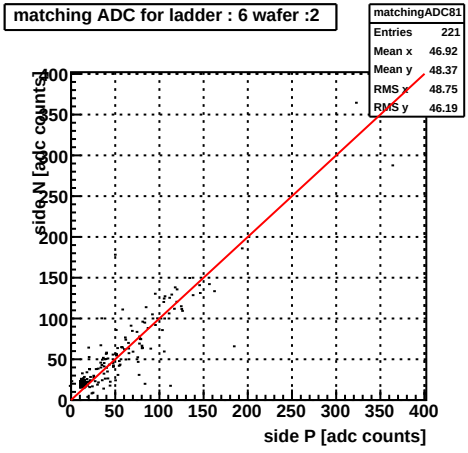

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 370
Mean x 76.18
Mean y 56.9
RMS x 65.09
RMS y 45.59
side N [adc counts]
side P [adc counts]

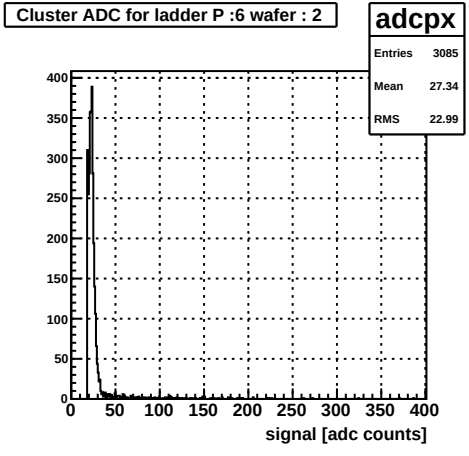

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 9890
Mean 26.68
RMS 22.56
signal [adc counts]

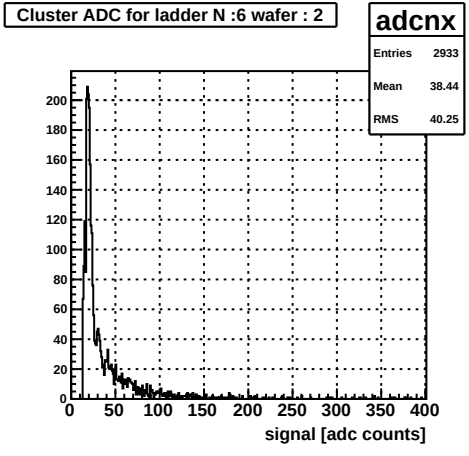

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 2671
Mean 58.45
RMS 60.79
signal [adc counts]

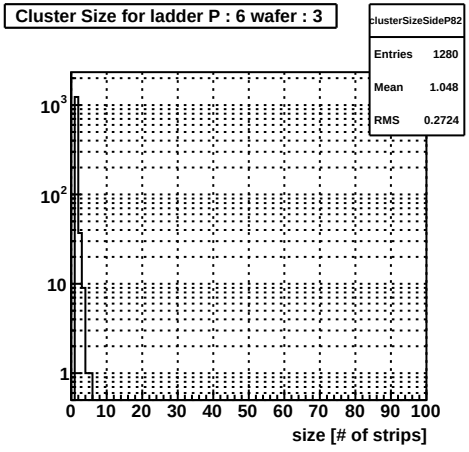

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 3085
Mean 1.04
RMS 0.2508
size [# of strips]

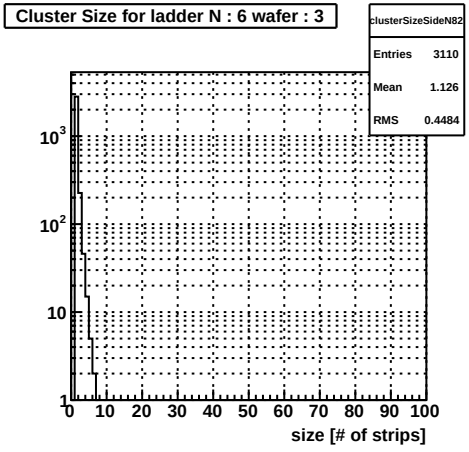

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 2933
Mean 1.513
RMS 0.8662
size [# of strips]

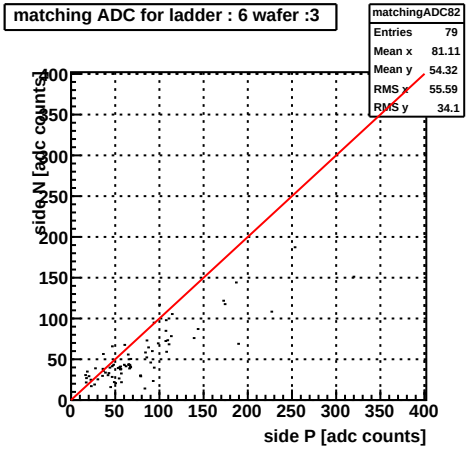

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 221
Mean x 46.92
Mean y 48.37
RMS x 48.75
RMS y 46.19
side N [adc counts]
side P [adc counts]

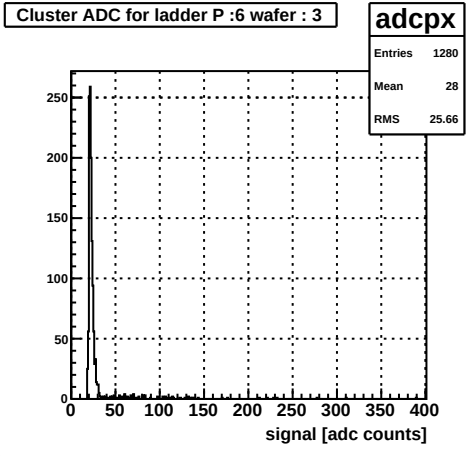

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 3085
Mean 27.34
RMS 22.99
signal [adc counts]

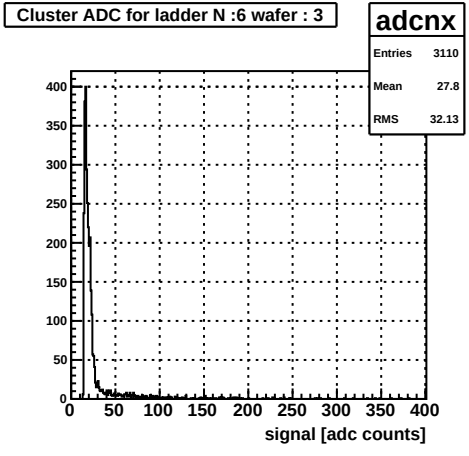

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 2933
Mean 38.44
RMS 40.25
signal [adc counts]

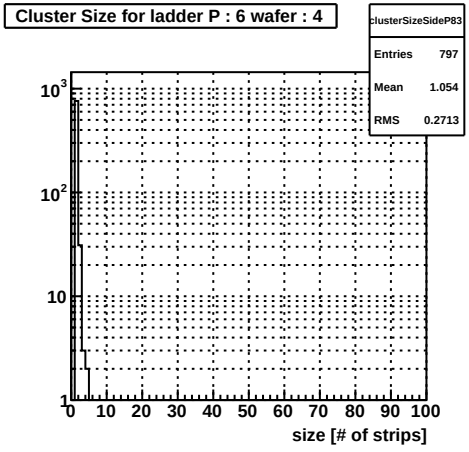

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 1280
Mean 1.048
RMS 0.2724
size [# of strips]

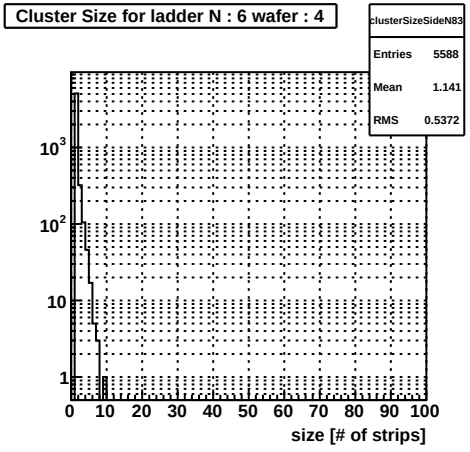

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 3110
Mean 1.126
RMS 0.4484
size [# of strips]

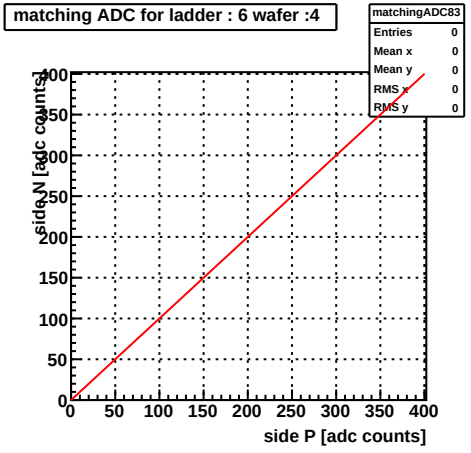

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 79
Mean x 81.11
Mean y 54.32
RMS x 55.59
RMS y 34.1
side N [adc counts]
side P [adc counts]

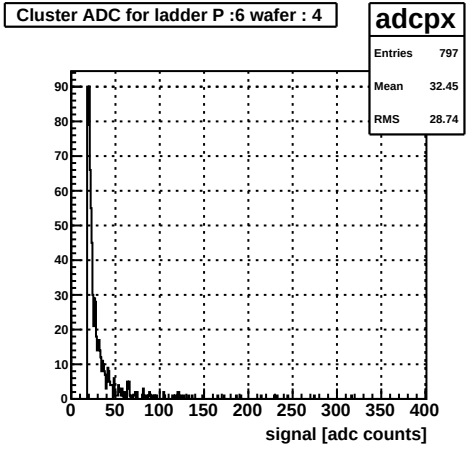

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 1280
Mean 28
RMS 25.66
signal [adc counts]

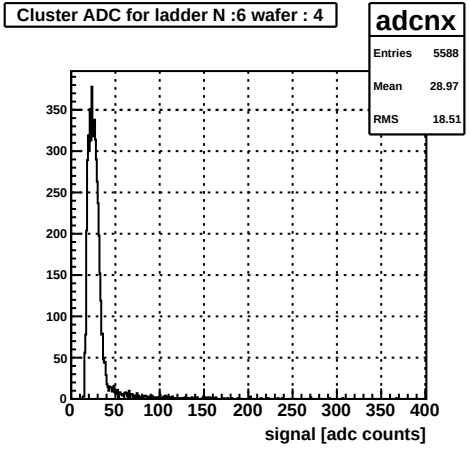

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 3110
Mean 27.8
RMS 32.13
signal [adc counts]

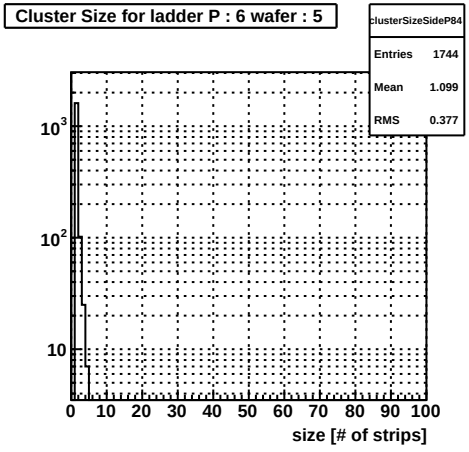

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 797
Mean 1.054
RMS 0.2713
size [# of strips]

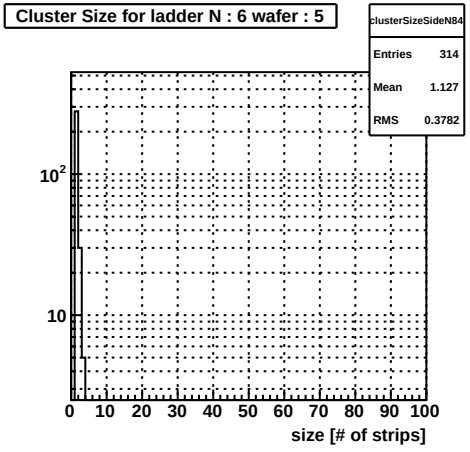

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 5588
Mean 1.141
RMS 0.5372
size [# of strips]

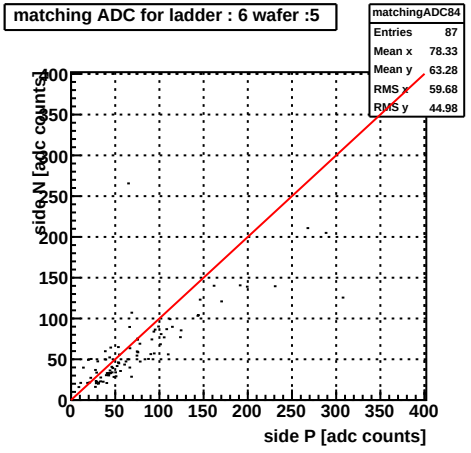

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

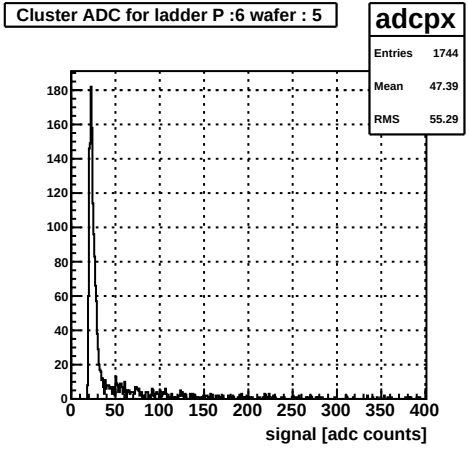

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 797
Mean 32.45
RMS 28.74
signal [adc counts]

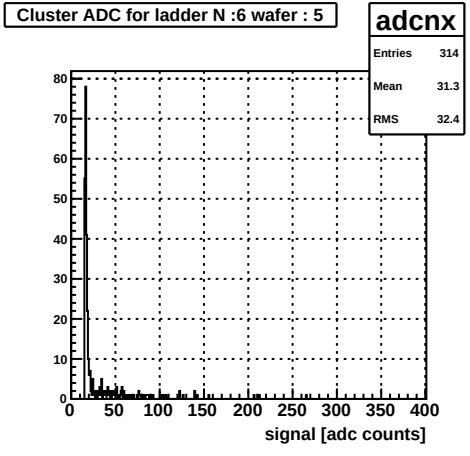

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 5588
Mean 28.97
RMS 18.51
signal [adc counts]

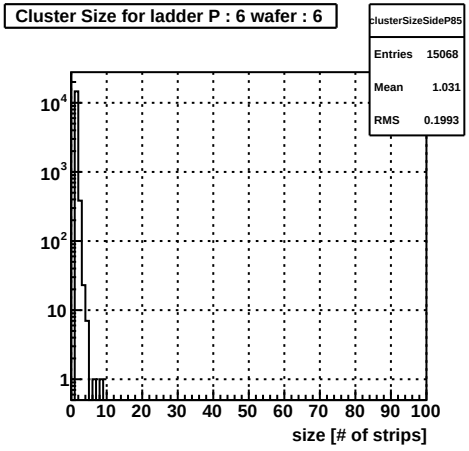

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 1744
Mean 1.099
RMS 0.377
size [# of strips]

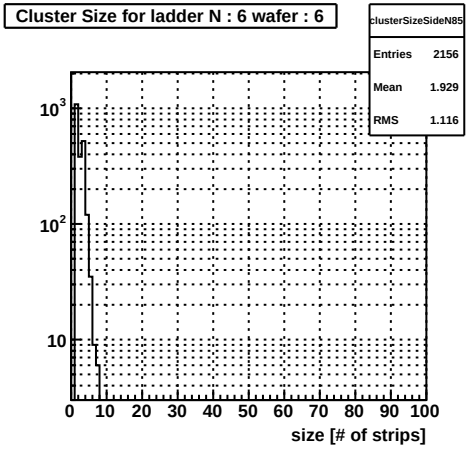

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 314
Mean 1.127
RMS 0.3782
size [# of strips]

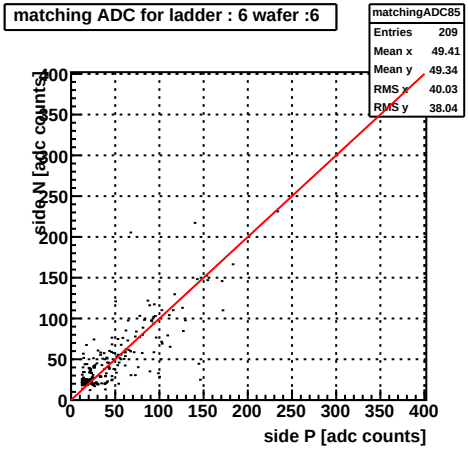

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 87
Mean x 78.33
Mean y 63.28
RMS x 59.68
RMS y 44.98
side N [adc counts]
side P [adc counts]

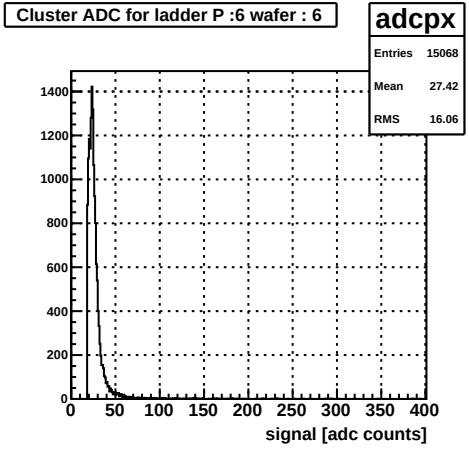

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 1744
Mean 47.39
RMS 55.29
signal [adc counts]

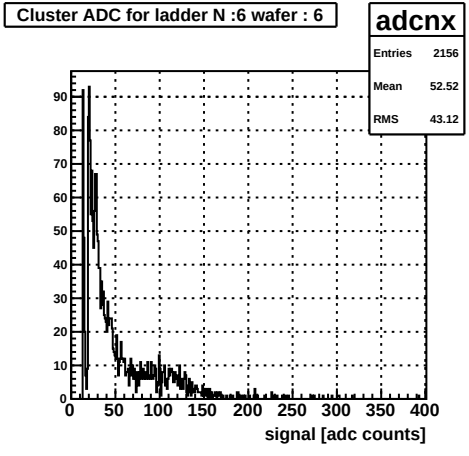

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 314
Mean 31.3
RMS 32.4
signal [adc counts]

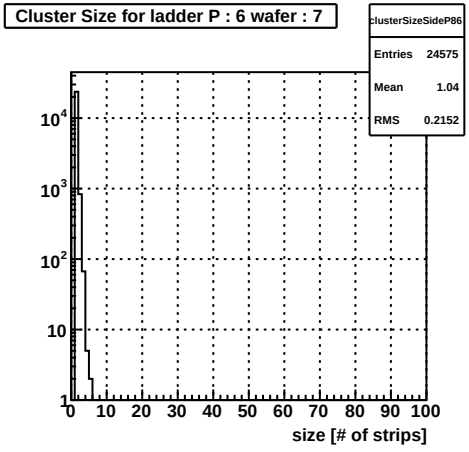

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 15068
Mean 1.031
RMS 0.1993
size [# of strips]

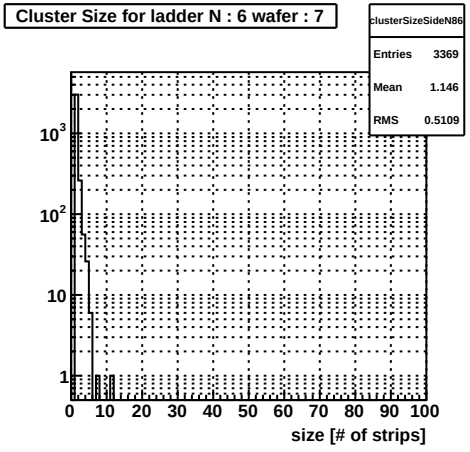

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 2156
Mean 1.929
RMS 1.116
size [# of strips]

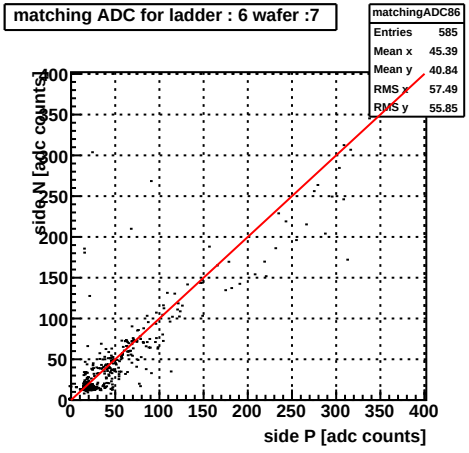

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 209
Mean x 49.41
Mean y 49.34
RMS x 40.03
RMS y 38.04
side N [adc counts]
side P [adc counts]

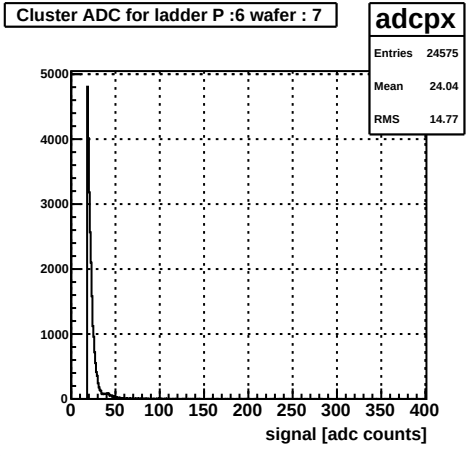

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 15068
Mean 27.42
RMS 16.06
signal [adc counts]

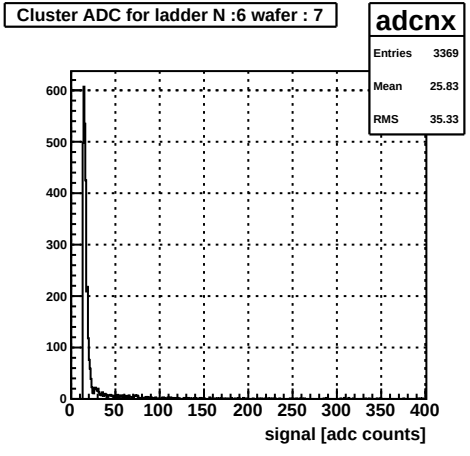

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 2156
Mean 52.52
RMS 43.12
signal [adc counts]

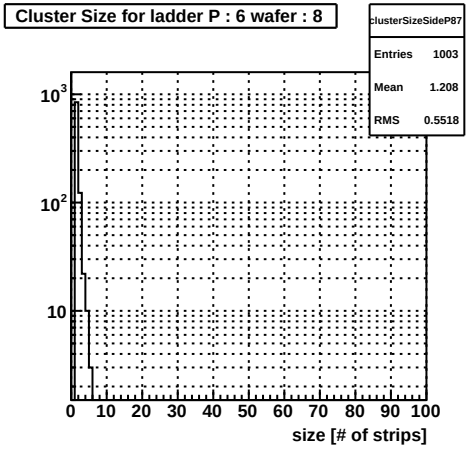

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 24575
Mean 1.04
RMS 0.2152
size [# of strips]

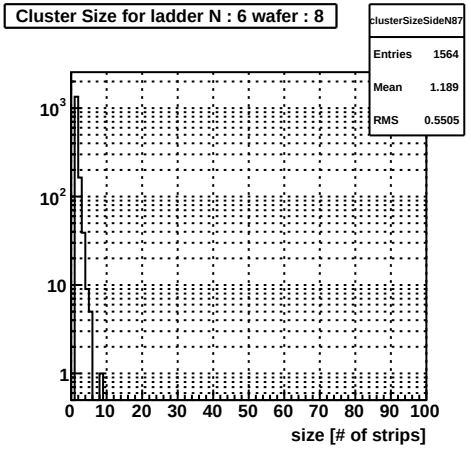

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 3369
Mean 1.146
RMS 0.5109
size [# of strips]

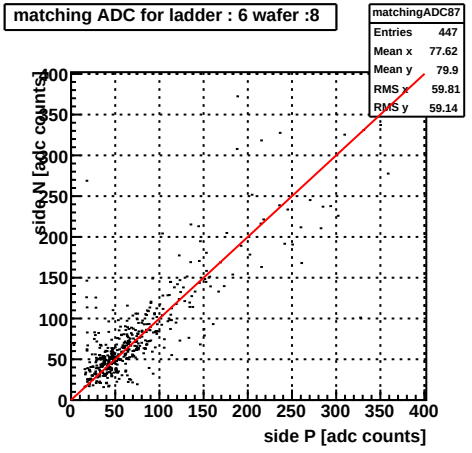

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 585
Mean x 45.39
Mean y 40.84
RMS x 57.49
RMS y 55.85
side N [adc counts]
side P [adc counts]

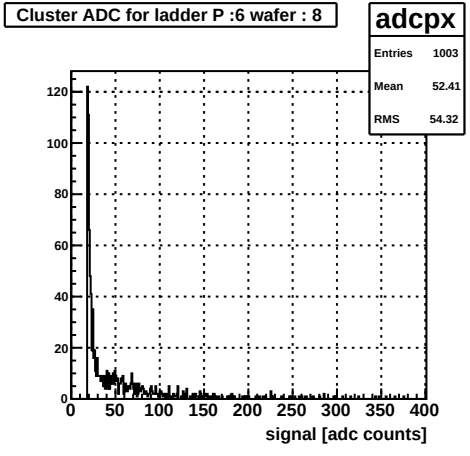

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 24575
Mean 24.04
RMS 14.77
signal [adc counts]

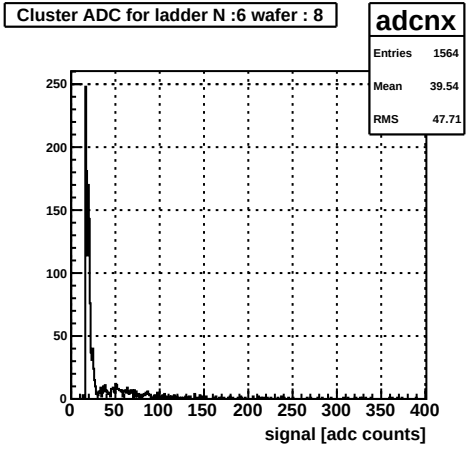

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 3369
Mean 25.83
RMS 35.33
signal [adc counts]

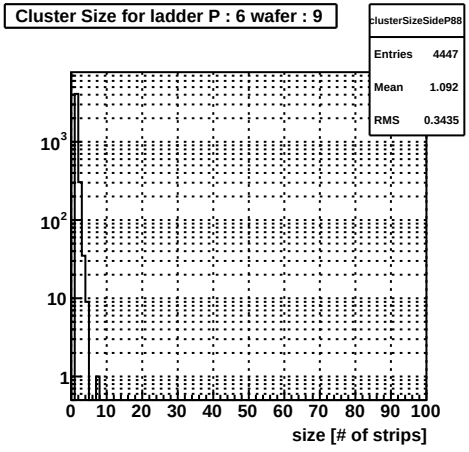

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 1003
Mean 1.208
RMS 0.5518
size [# of strips]

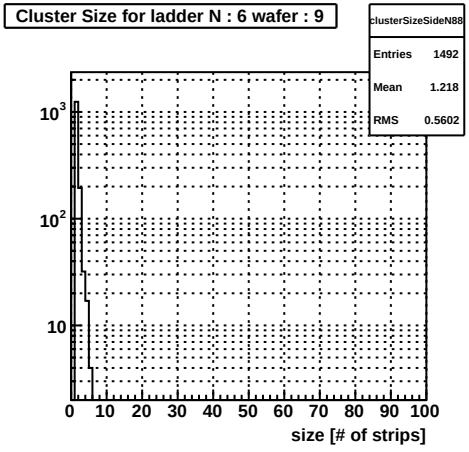

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 1564
Mean 1.189
RMS 0.5505
size [# of strips]

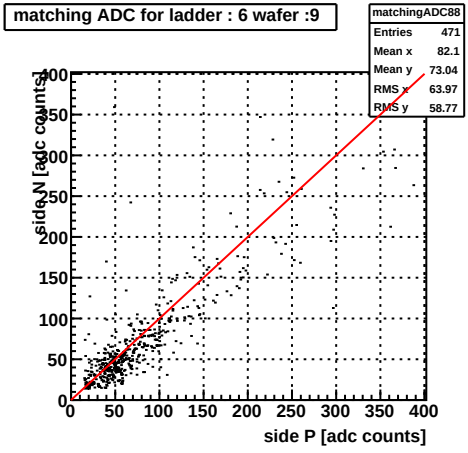

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 447
Mean x 77.62
Mean y 79.9
RMS x 59.81
RMS y 59.14
side N [adc counts]
side P [adc counts]

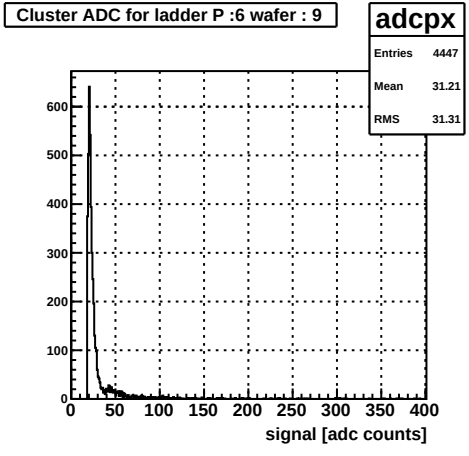

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 1003
Mean 52.41
RMS 54.32
signal [adc counts]

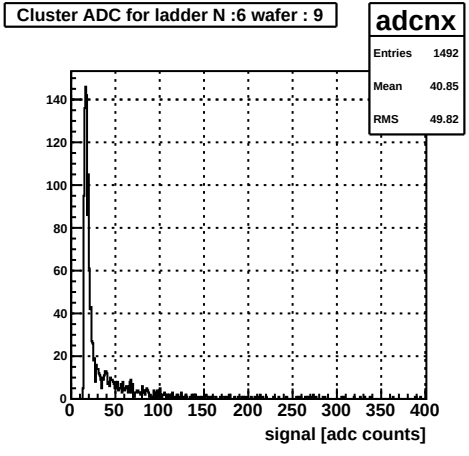

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 1564
Mean 39.54
RMS 47.71
signal [adc counts]

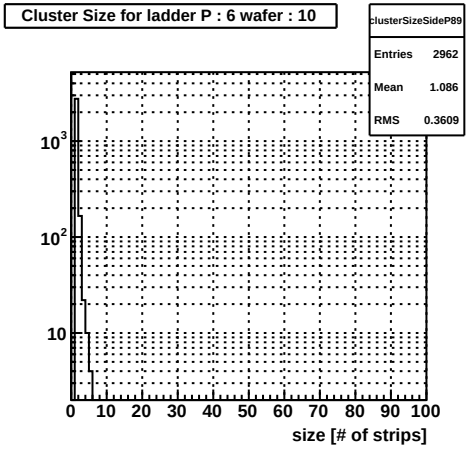

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 4447
Mean 1.092
RMS 0.3435
size [# of strips]

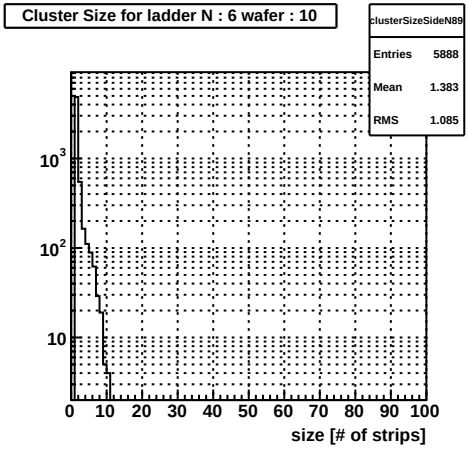

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 1492
Mean 1.218
RMS 0.5602
size [# of strips]

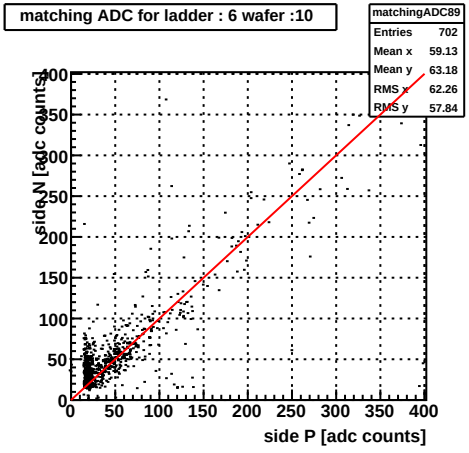

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 471
Mean x 82.1
Mean y 73.04
RMS x 63.97
RMS y 58.77
side N [adc counts]
side P [adc counts]

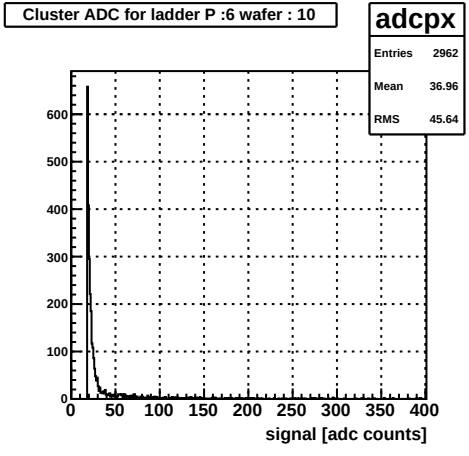

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 4447
Mean 31.21
RMS 31.31
signal [adc counts]

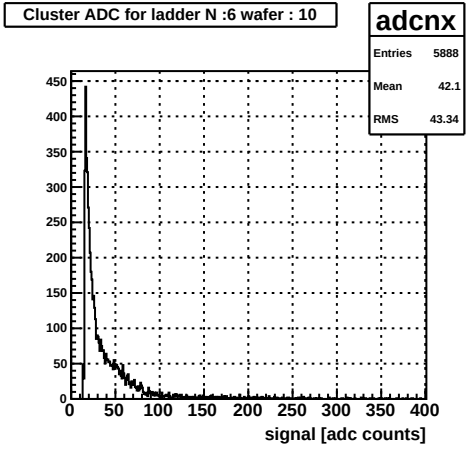

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 1492
Mean 40.85
RMS 49.82
signal [adc counts]

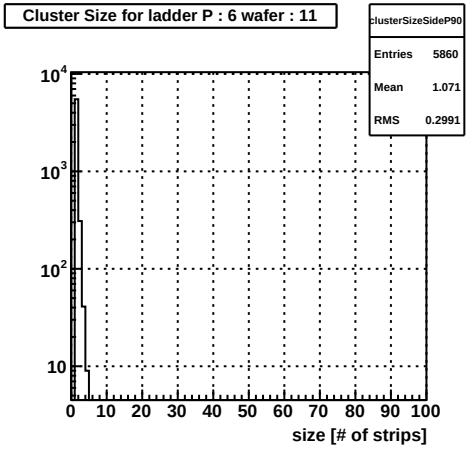

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 2962
Mean 1.086
RMS 0.3609
size [# of strips]

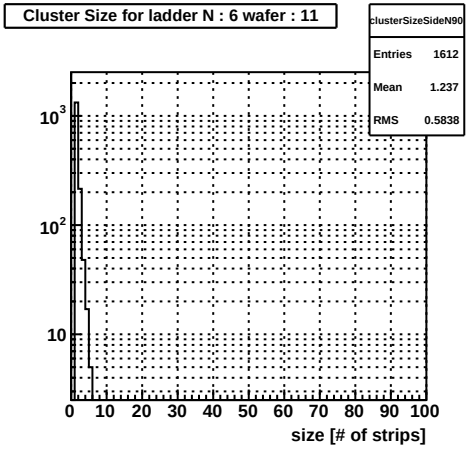

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 5888
Mean 1.383
RMS 1.085
size [# of strips]

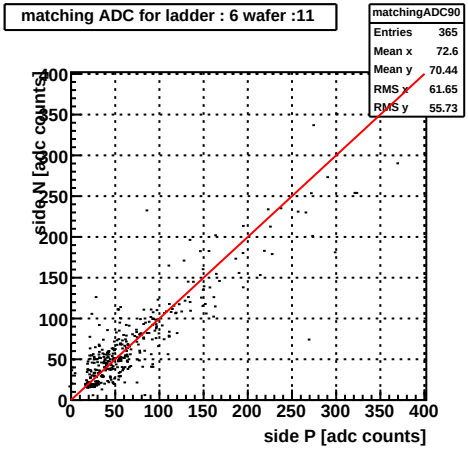

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 702
Mean x 59.13
Mean y 63.18
RMS x 62.26
RMS y 57.84
side N [adc counts]
side P [adc counts]

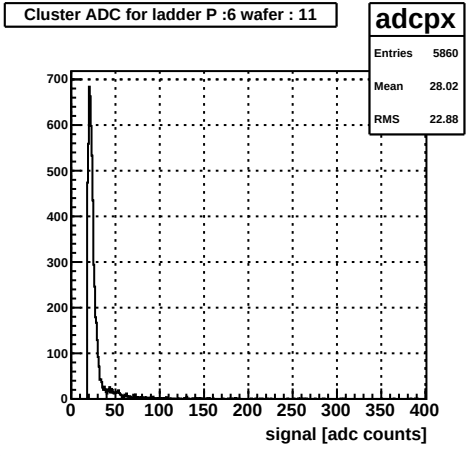

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 2962
Mean 36.96
RMS 45.64
signal [adc counts]

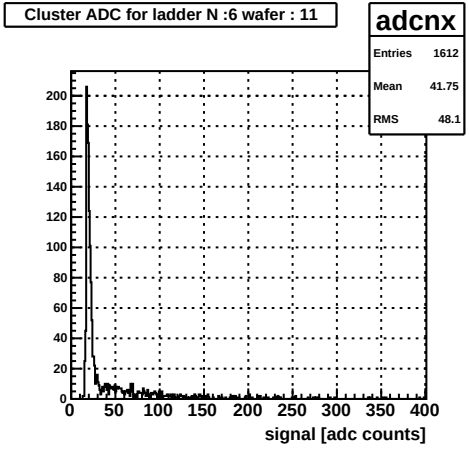

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 5888
Mean 42.1
RMS 43.34
signal [adc counts]

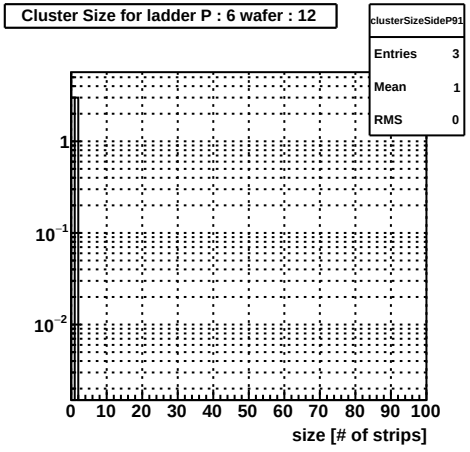

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 5860
Mean 1.071
RMS 0.2991
size [# of strips]

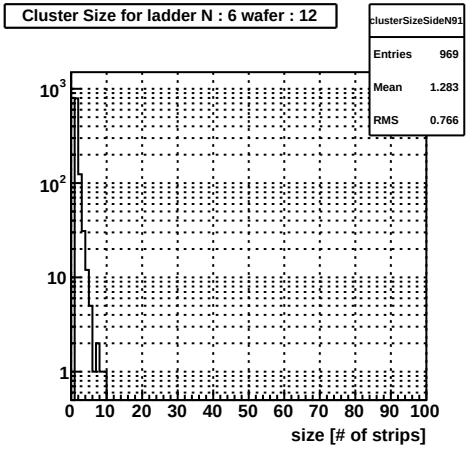

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 1612
Mean 1.237
RMS 0.5838
size [# of strips]

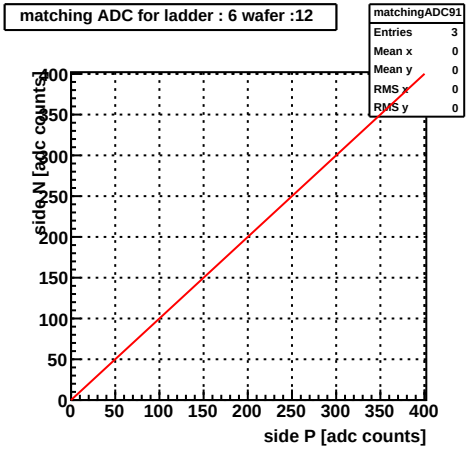

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 365
Mean x 72.6
Mean y 70.44
RMS x 61.65
RMS y 55.73
side N [adc counts]
side P [adc counts]

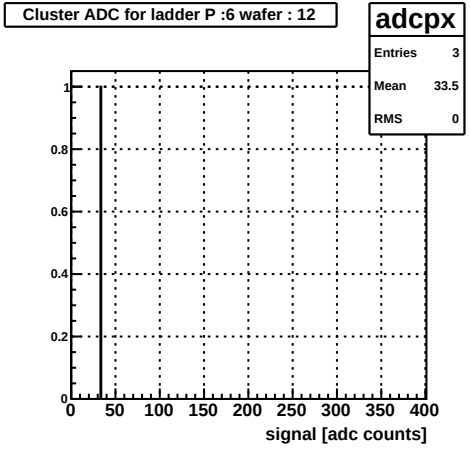

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 5860
Mean 28.02
RMS 22.88
signal [adc counts]

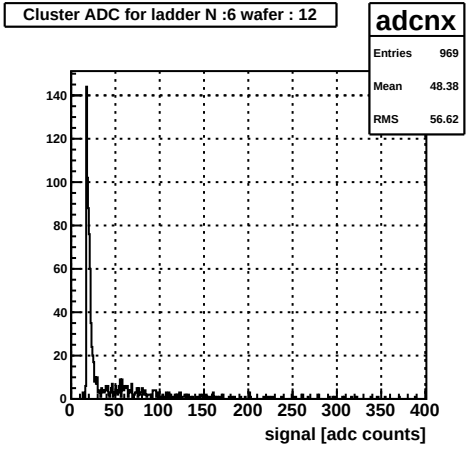

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 1612
Mean 41.75
RMS 48.1
signal [adc counts]

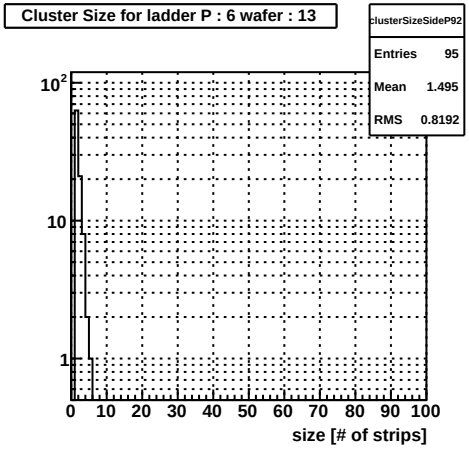

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 3
Mean 1
RMS 0
size [# of strips]

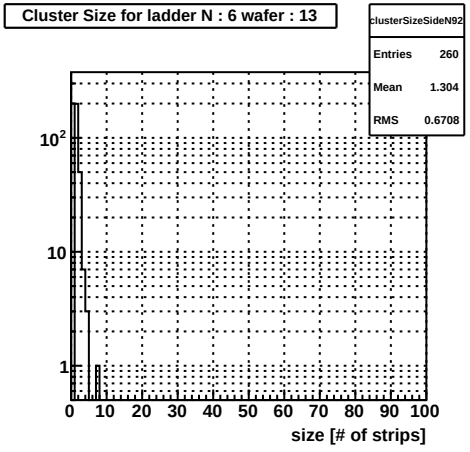

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 969
Mean 1.283
RMS 0.766
size [# of strips]

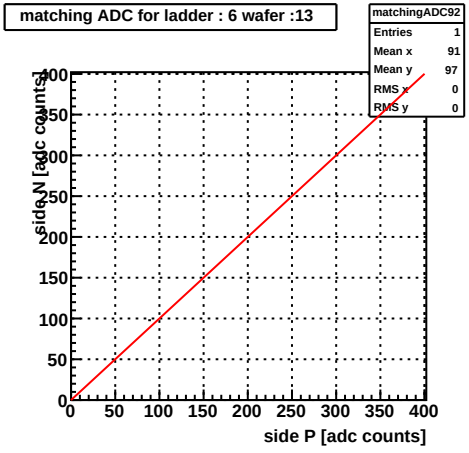

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

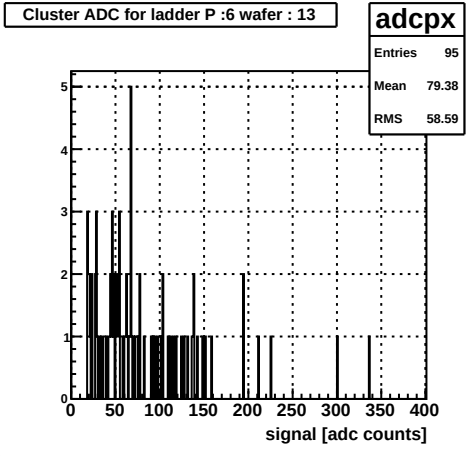

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 3
Mean 33.5
RMS 0
signal [adc counts]

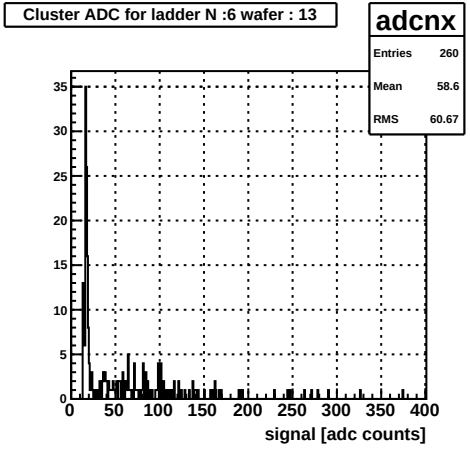

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 969
Mean 48.38
RMS 56.62
signal [adc counts]

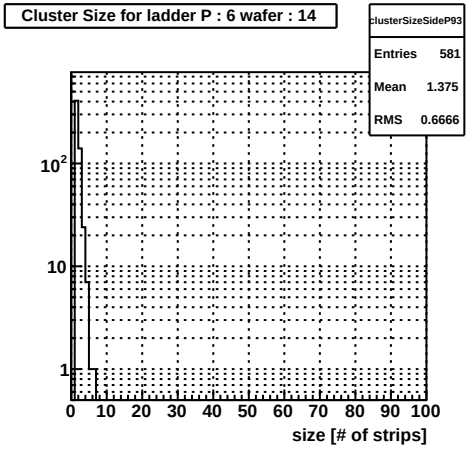

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 95
Mean 1.495
RMS 0.8192
size [# of strips]

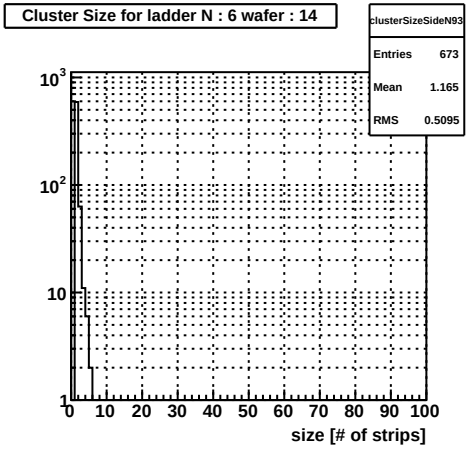

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 260
Mean 1.304
RMS 0.6708
size [# of strips]

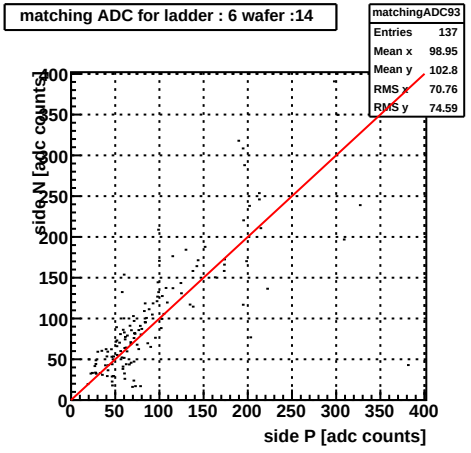

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 1
Mean x 91
Mean y 97
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

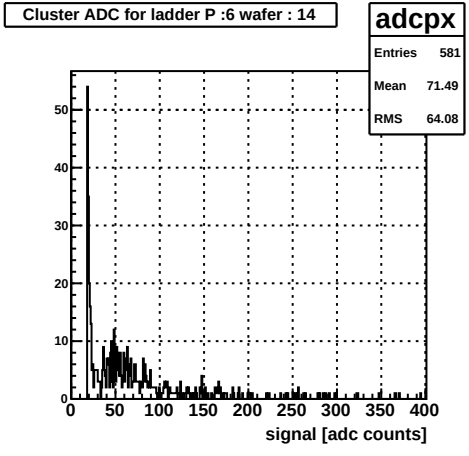

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 95
Mean 79.38
RMS 58.59
signal [adc counts]

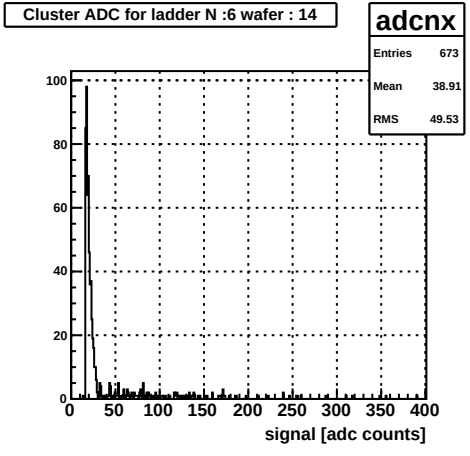

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 260
Mean 58.6
RMS 60.67
signal [adc counts]

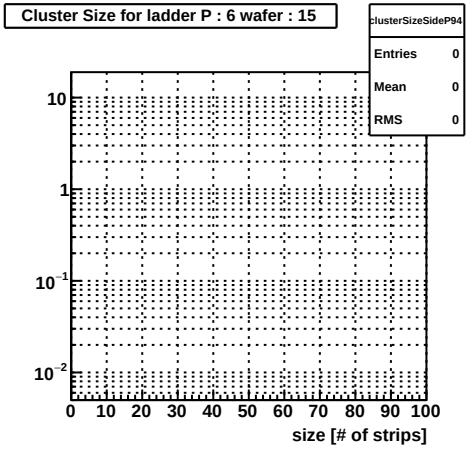

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 581
Mean 1.375
RMS 0.6666
size [# of strips]

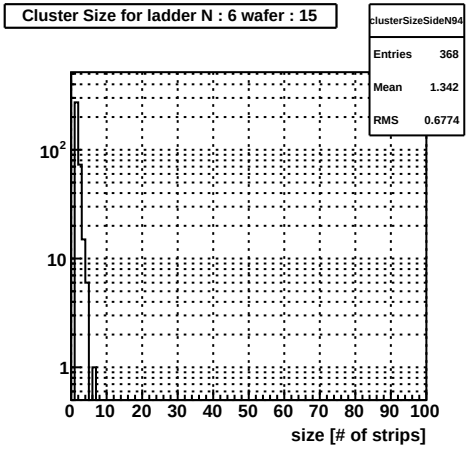

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 673
Mean 1.165
RMS 0.5095
size [# of strips]

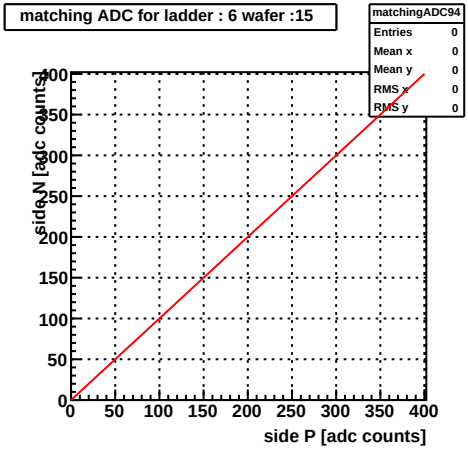

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 137
Mean x 98.95
Mean y 102.8
RMS x 70.76
RMS y 74.59
side N [adc counts]
side P [adc counts]

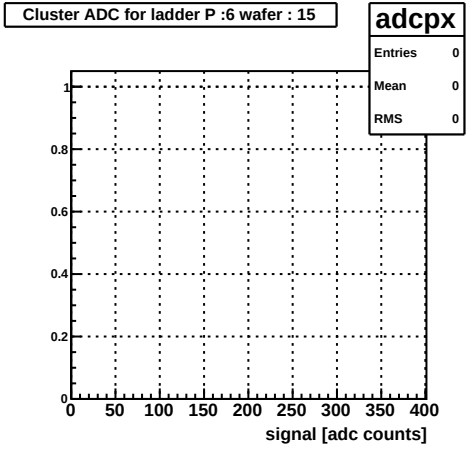

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 581
Mean 71.49
RMS 64.08
signal [adc counts]

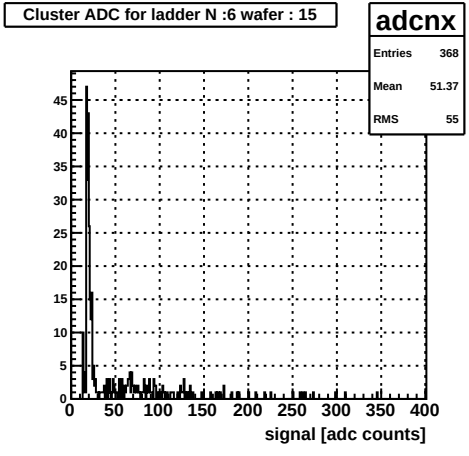

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 673
Mean 38.91
RMS 49.53
signal [adc counts]

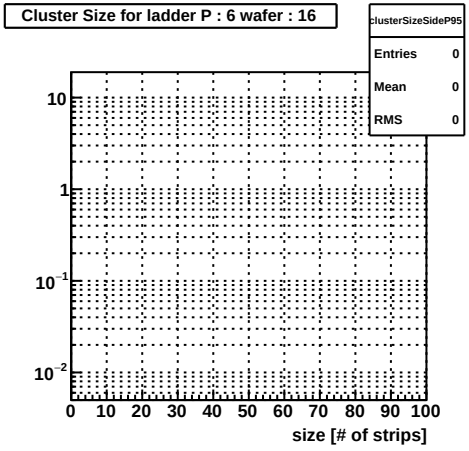

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 0
Mean 0
RMS 0
size [# of strips]

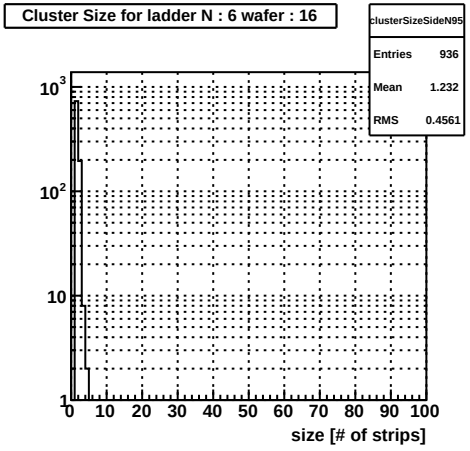

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 368
Mean 1.342
RMS 0.6774
size [# of strips]

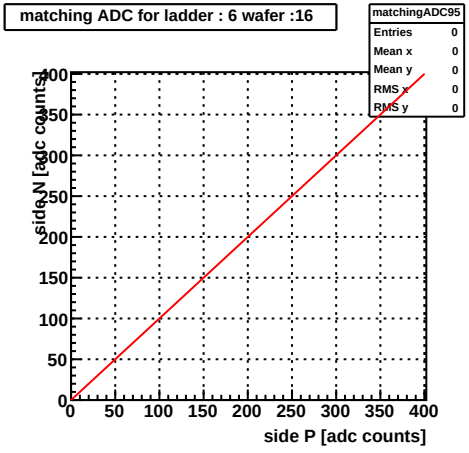

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

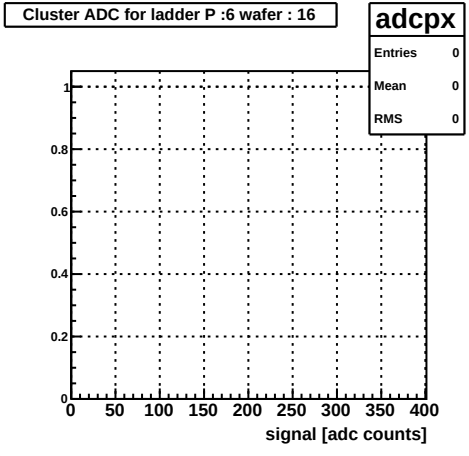

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

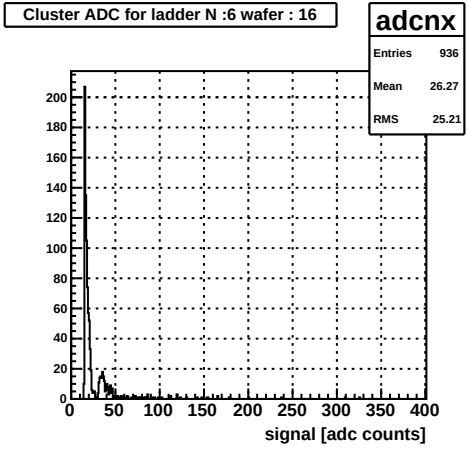

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 368
Mean 51.37
RMS 55
signal [adc counts]

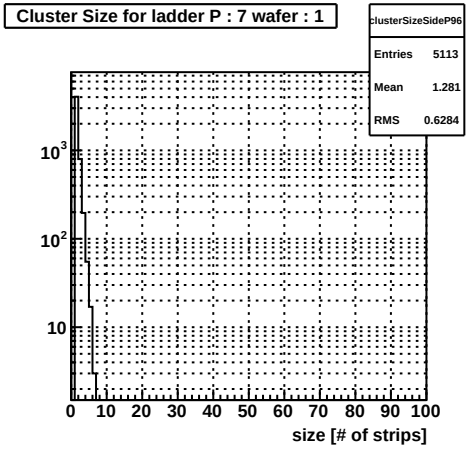

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

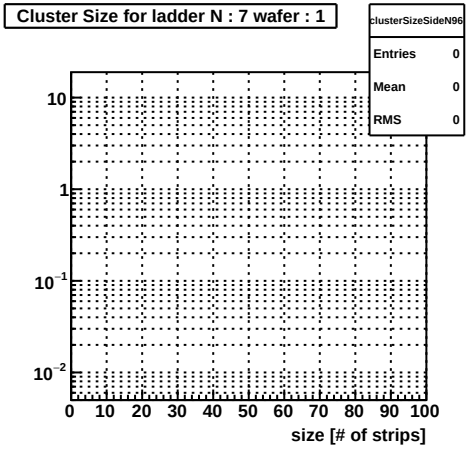

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 936
Mean 1.232
RMS 0.4561
size [# of strips]

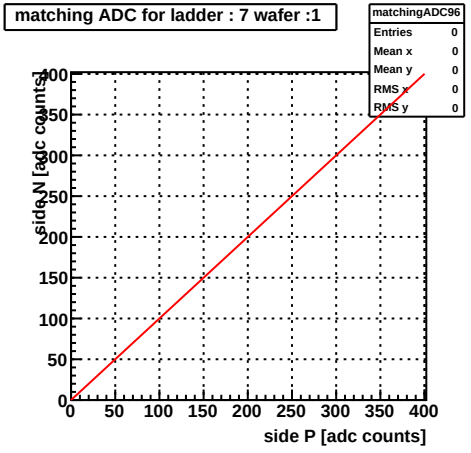

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

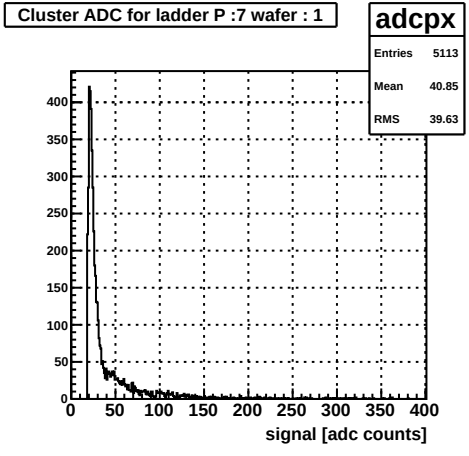

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

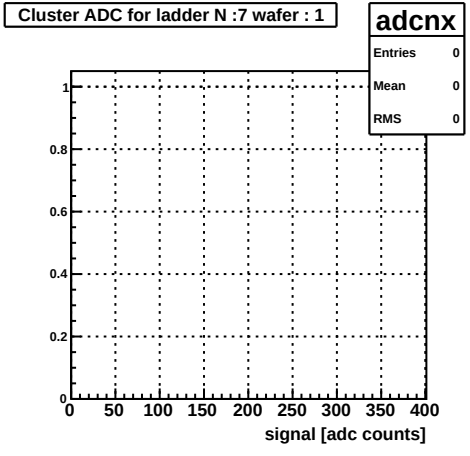

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 936
Mean 26.27
RMS 25.21
signal [adc counts]

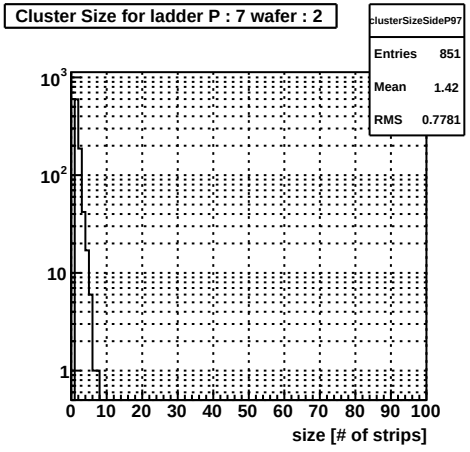

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 5113
Mean 1.281
RMS 0.6284
size [# of strips]

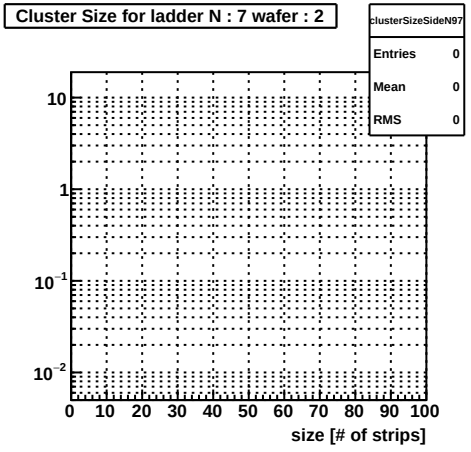

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

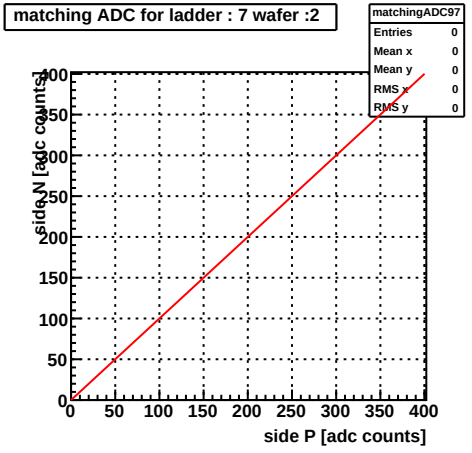

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

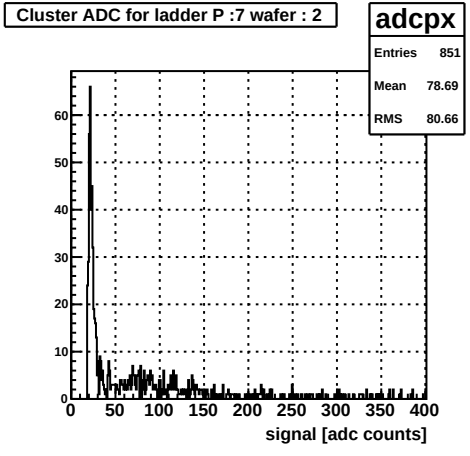

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 5113
Mean 40.85
RMS 39.63
signal [adc counts]

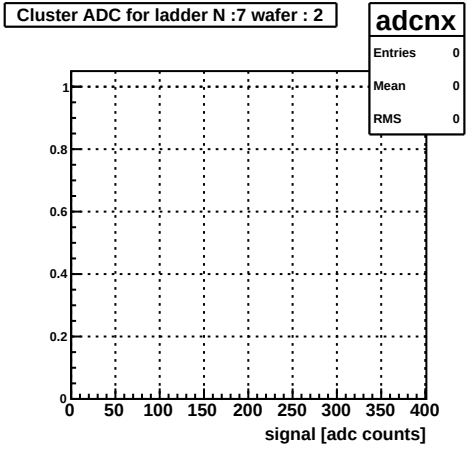

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

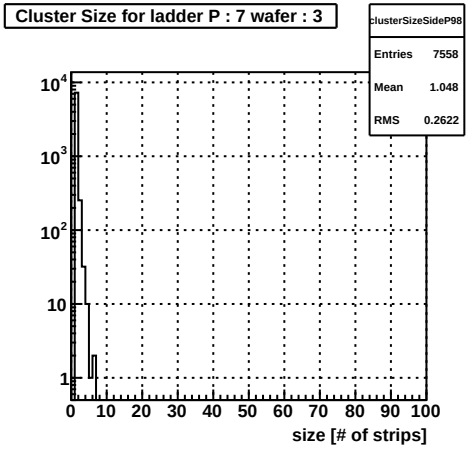

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 851
Mean 1.42
RMS 0.7781
size [# of strips]

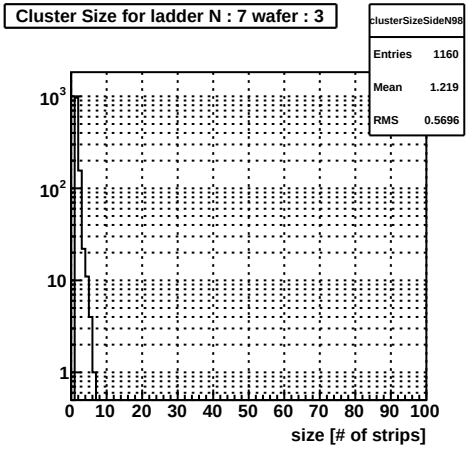

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

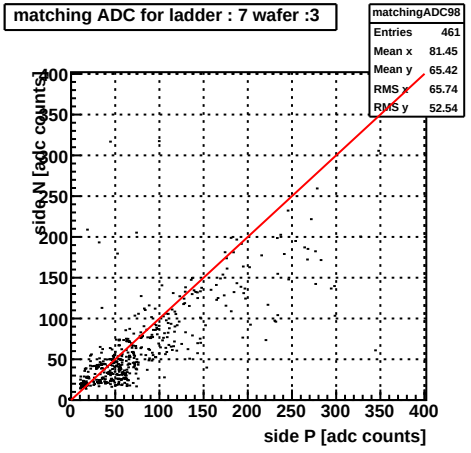

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

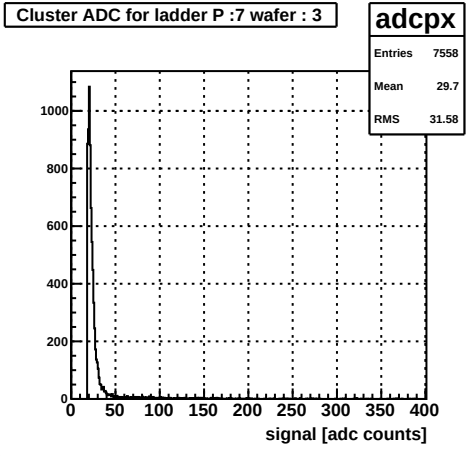

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 851
Mean 78.69
RMS 80.66
signal [adc counts]

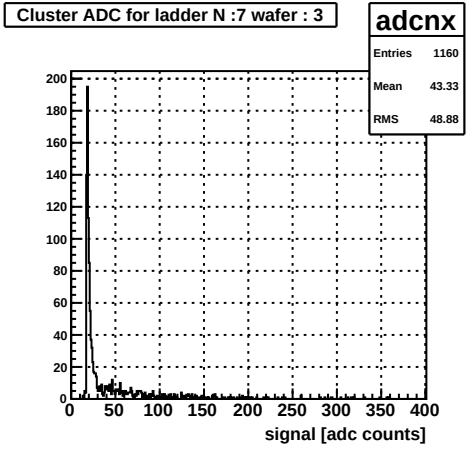

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

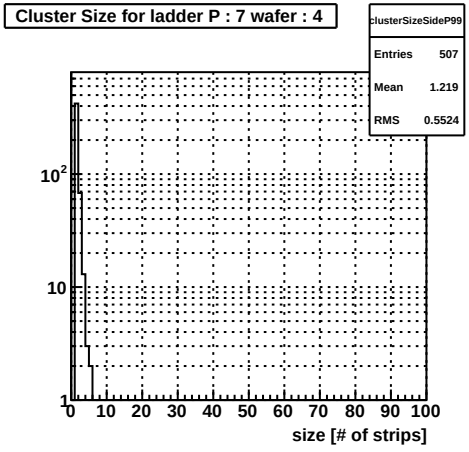

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 7558
Mean 1.048
RMS 0.2622
size [# of strips]

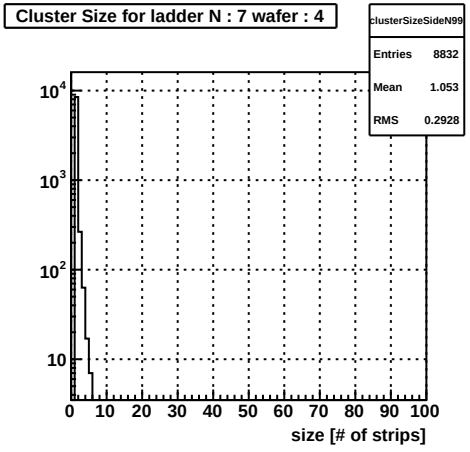

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 1160
Mean 1.219
RMS 0.5696
size [# of strips]

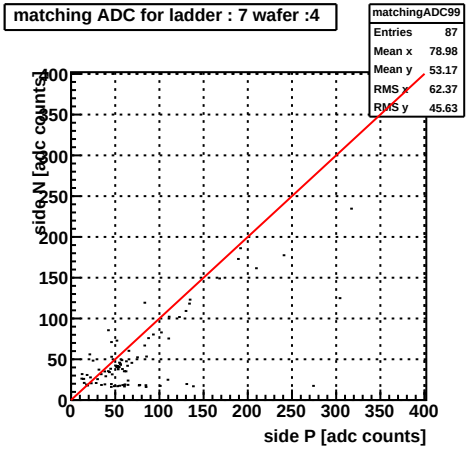

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 461
Mean x 81.45
Mean y 65.42
RMS x 65.74
RMS y 52.54
side N [adc counts]
side P [adc counts]

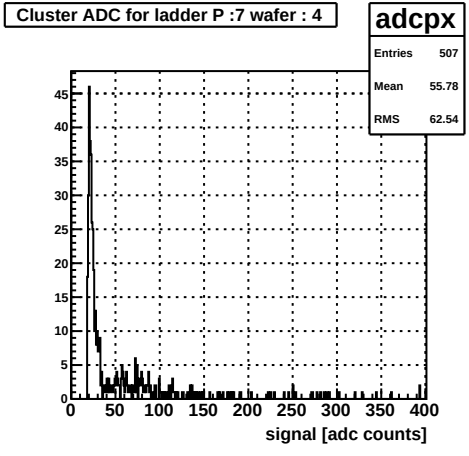

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 7558
Mean 29.7
RMS 31.58
signal [adc counts]

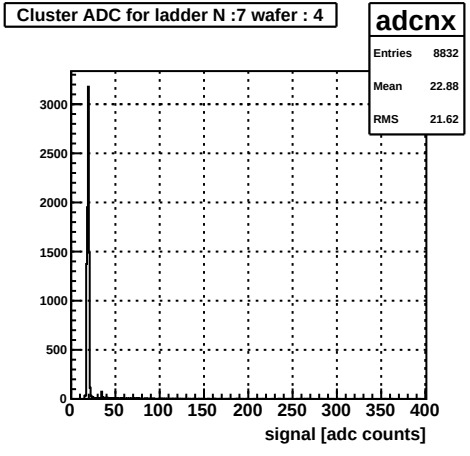

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 1160
Mean 43.33
RMS 48.88
signal [adc counts]

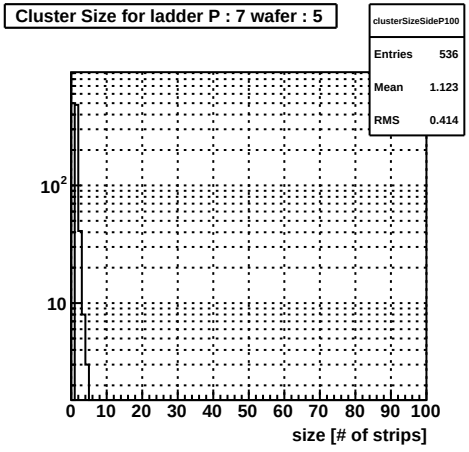

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 507
Mean 1.219
RMS 0.5524
size [# of strips]

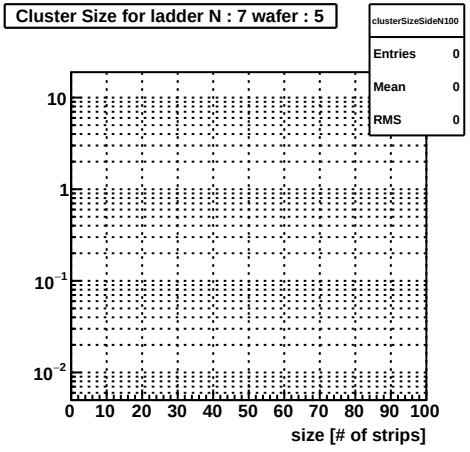

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 8832
Mean 1.053
RMS 0.2928
size [# of strips]

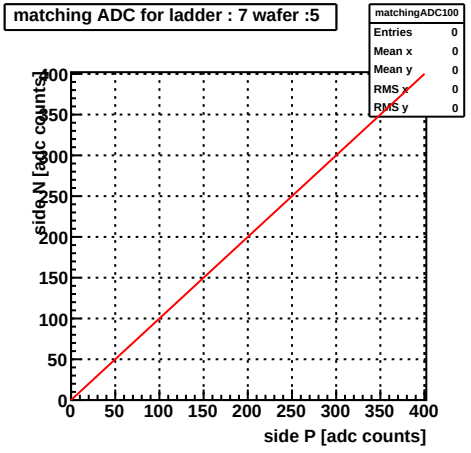

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 87
Mean x 78.98
Mean y 53.17
RMS x 62.37
RMS y 45.63
side N [adc counts]
side P [adc counts]

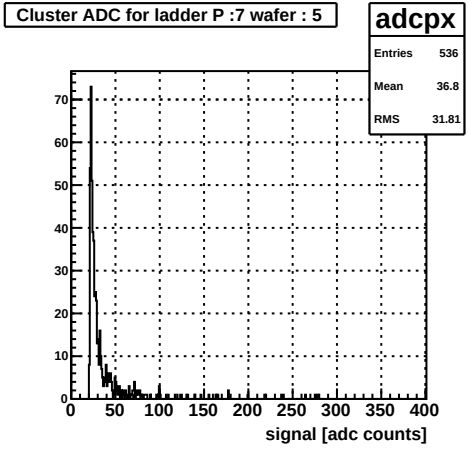

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 507
Mean 55.78
RMS 62.54
signal [adc counts]

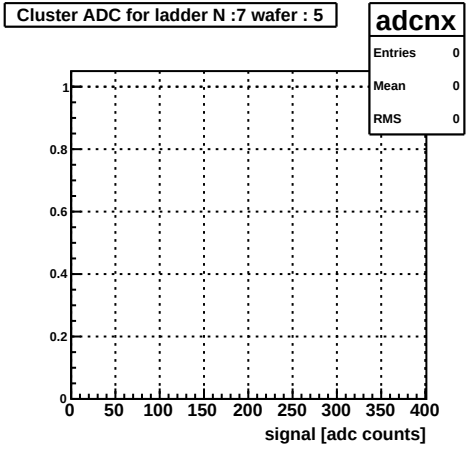

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 8832
Mean 22.88
RMS 21.62
signal [adc counts]

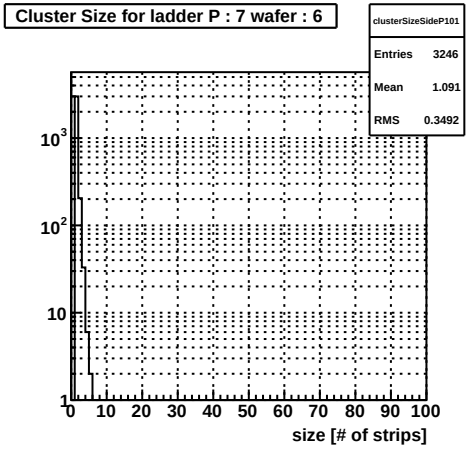

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 536
Mean 1.123
RMS 0.414
size [# of strips]

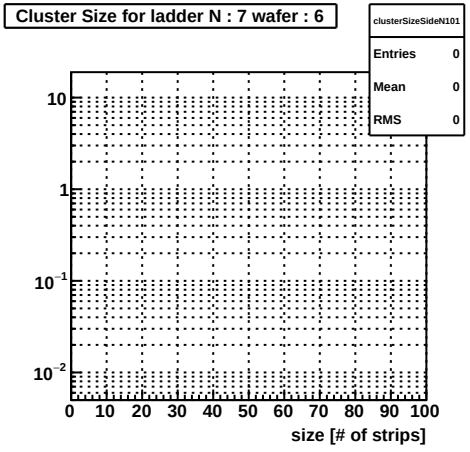

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

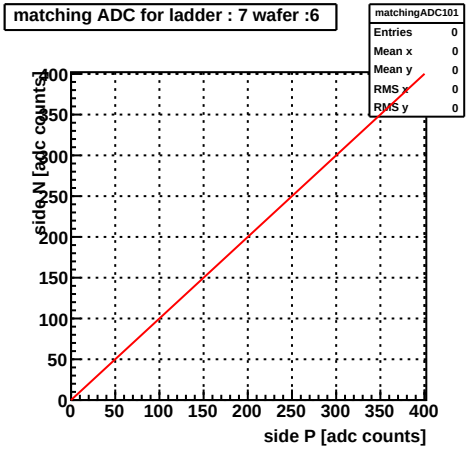

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

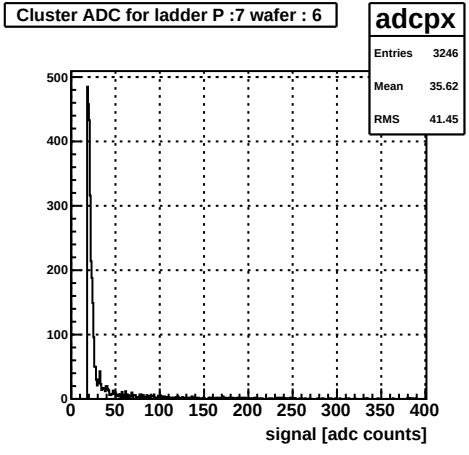

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 536
Mean 36.8
RMS 31.81
signal [adc counts]

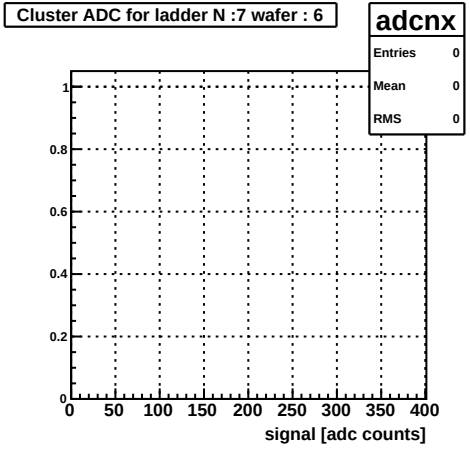

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

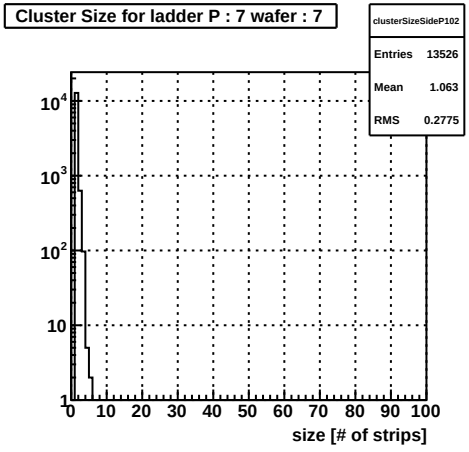

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 3246
Mean 1.091
RMS 0.3492
size [# of strips]

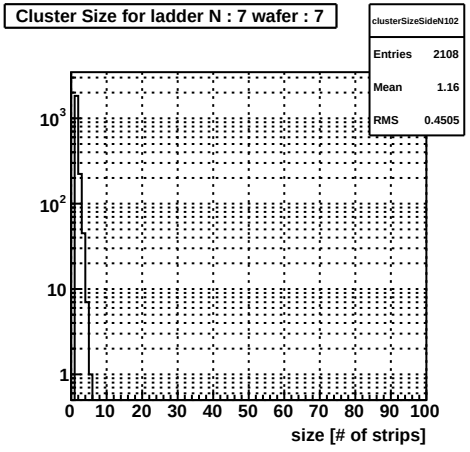

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

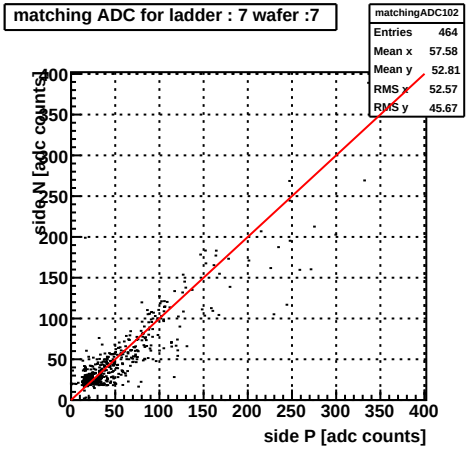

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

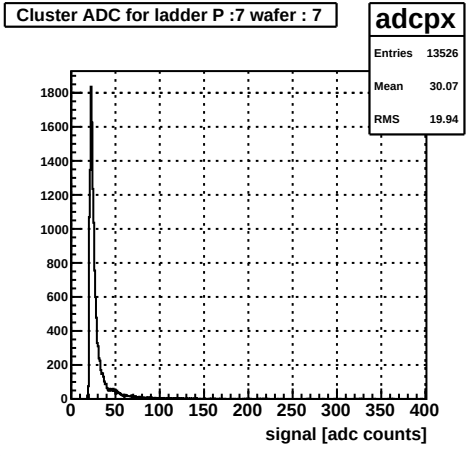

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 3246
Mean 35.62
RMS 41.45
signal [adc counts]

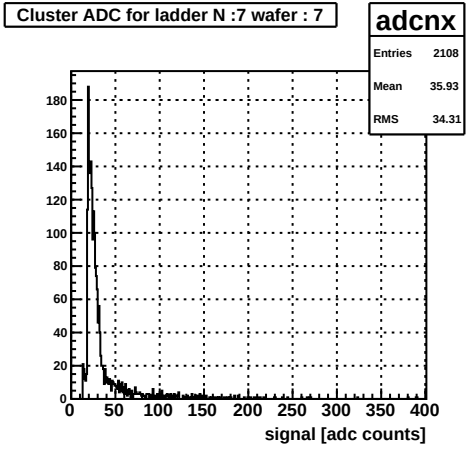

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

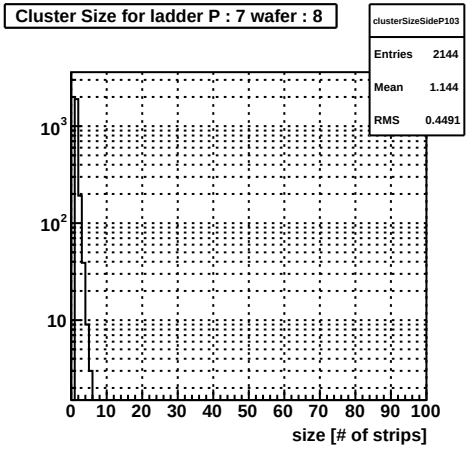

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 13526
Mean 1.063
RMS 0.2775
size [# of strips]

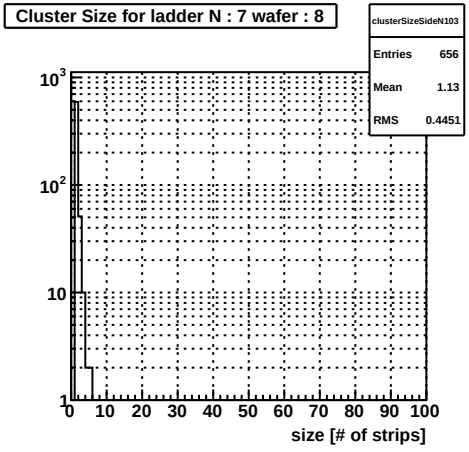

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 2108
Mean 1.16
RMS 0.4505
size [# of strips]

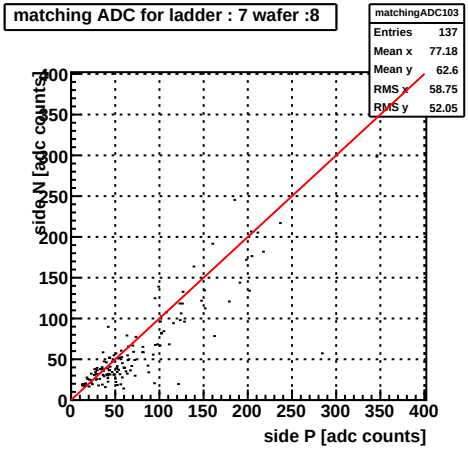

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 464
Mean x 57.58
Mean y 52.81
RMS x 52.57
RMS y 45.67
side N [adc counts]
side P [adc counts]

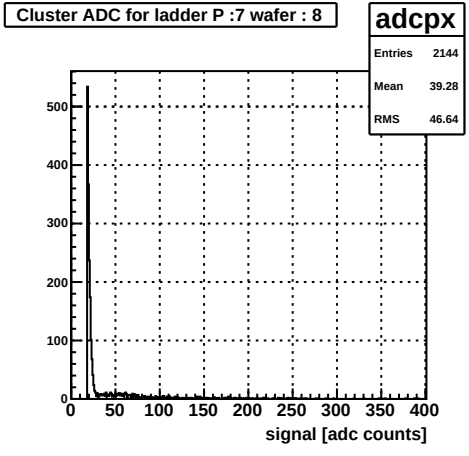

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 13526
Mean 30.07
RMS 19.94
signal [adc counts]

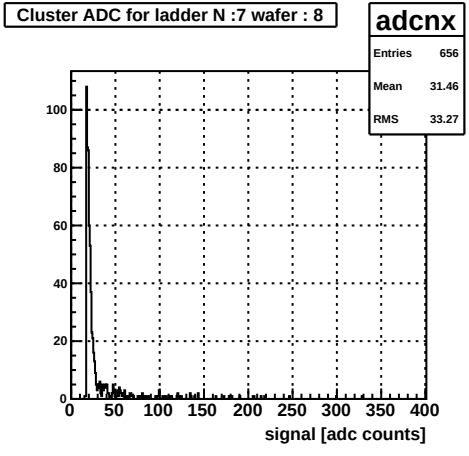

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 2108
Mean 35.93
RMS 34.31
signal [adc counts]

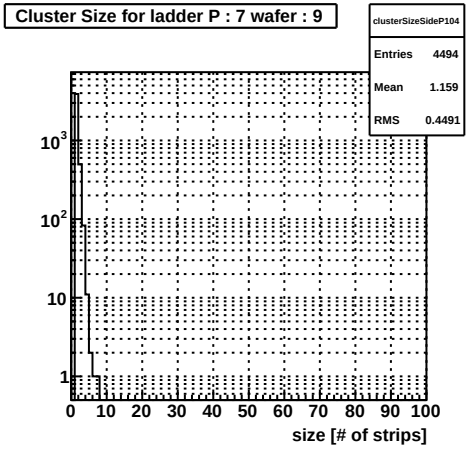

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 2144
Mean 1.144
RMS 0.4491
size [# of strips]

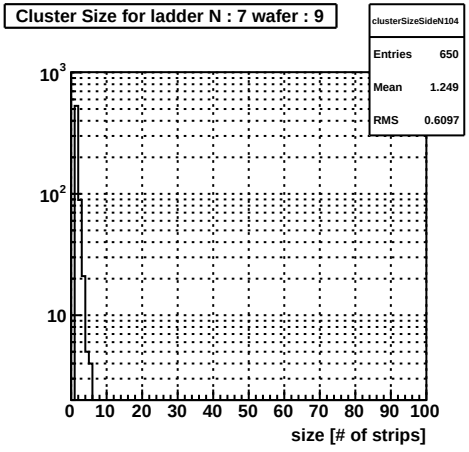

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 656
Mean 1.13
RMS 0.4451
size [# of strips]

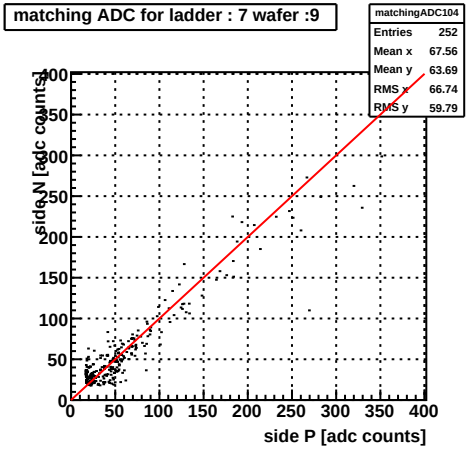

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 137
Mean x 77.18
Mean y 62.6
RMS x 58.75
RMS y 52.05
side N [adc counts]
side P [adc counts]

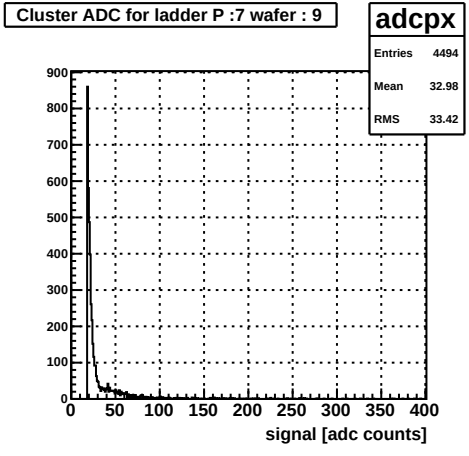

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 2144
Mean 39.28
RMS 46.64
signal [adc counts]

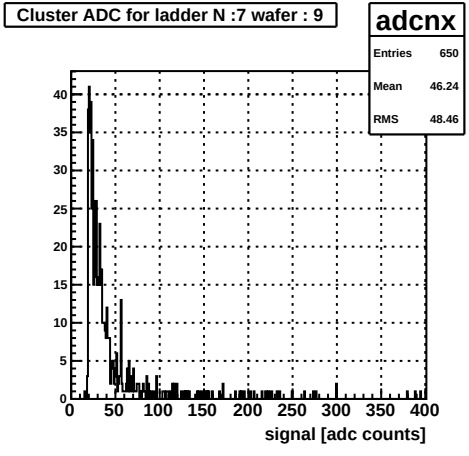

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 656
Mean 31.46
RMS 33.27
signal [adc counts]

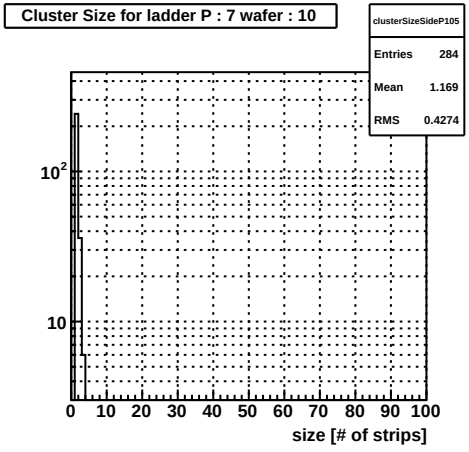

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 4494
Mean 1.159
RMS 0.4491
size [# of strips]

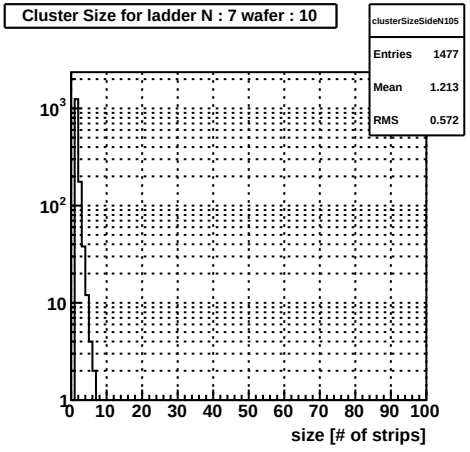

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 650
Mean 1.249
RMS 0.6097
size [# of strips]

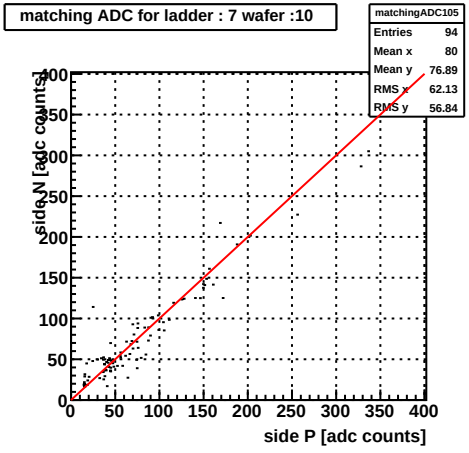

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 252
Mean x 67.56
Mean y 63.69
RMS x 66.74
RMS y 59.79
side N [adc counts]
side P [adc counts]

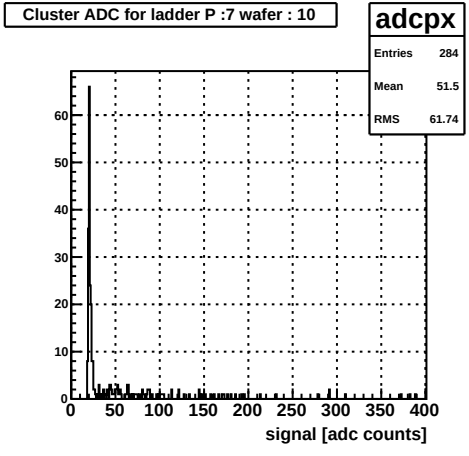

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 4494
Mean 32.98
RMS 33.42
signal [adc counts]

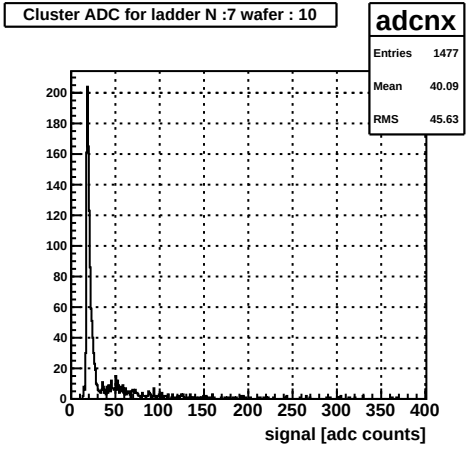

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 650
Mean 46.24
RMS 48.46
signal [adc counts]

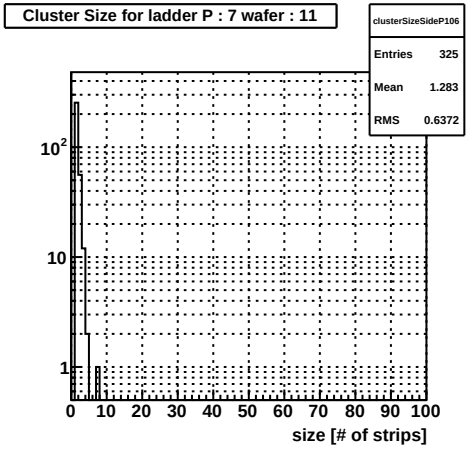

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 284
Mean 1.169
RMS 0.4274
size [# of strips]

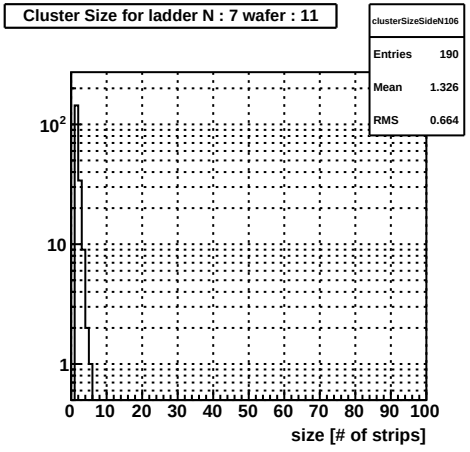

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 1477
Mean 1.213
RMS 0.572
size [# of strips]

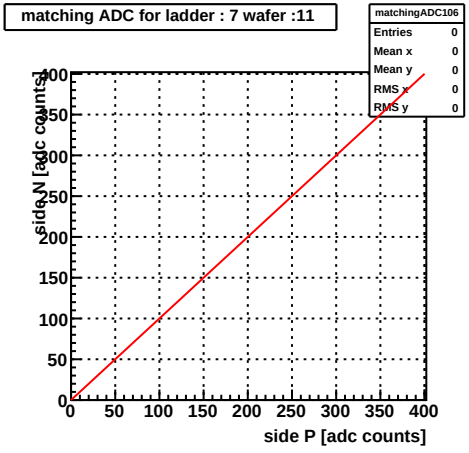

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 94
Mean x 80
Mean y 76.89
RMS x 62.13
RMS y 56.84
side N [adc counts]
side P [adc counts]

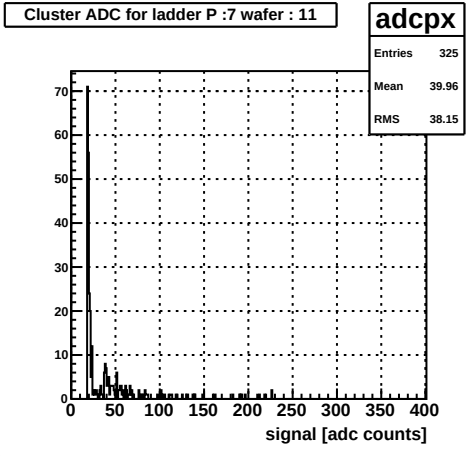

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 284
Mean 51.5
RMS 61.74
signal [adc counts]

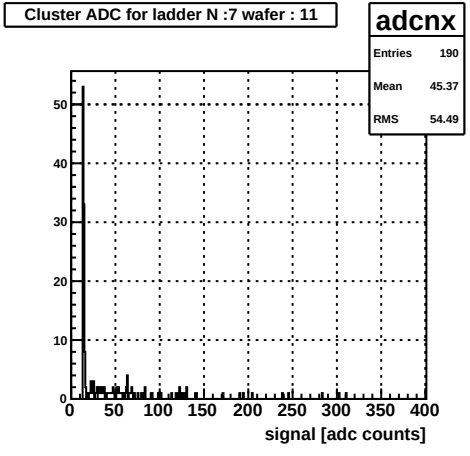

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 1477
Mean 40.09
RMS 45.63
signal [adc counts]

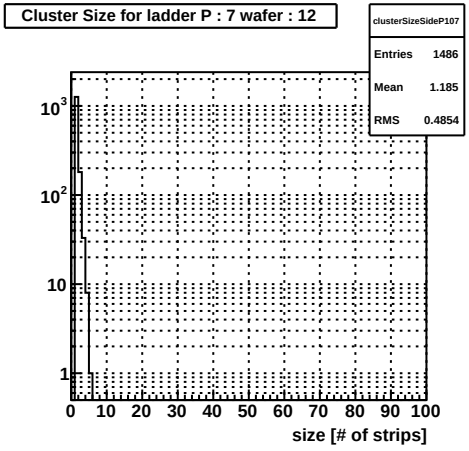

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 325
Mean 1.283
RMS 0.6372
size [# of strips]

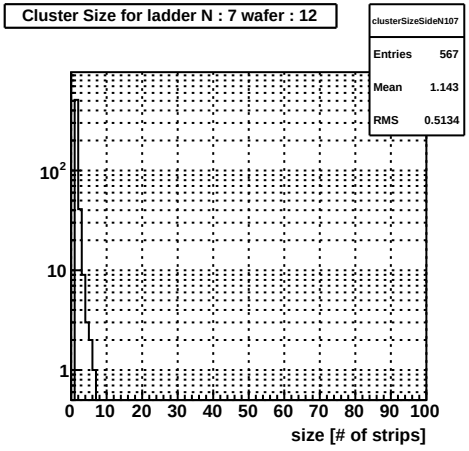

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 190
Mean 1.326
RMS 0.664
size [# of strips]

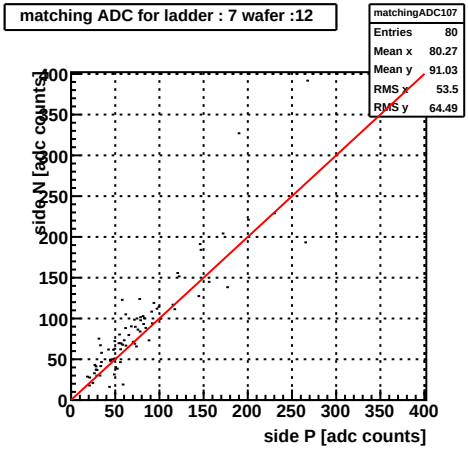

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

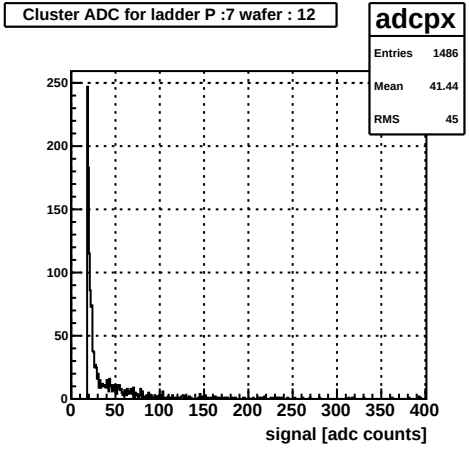

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 325
Mean 39.96
RMS 38.15
signal [adc counts]

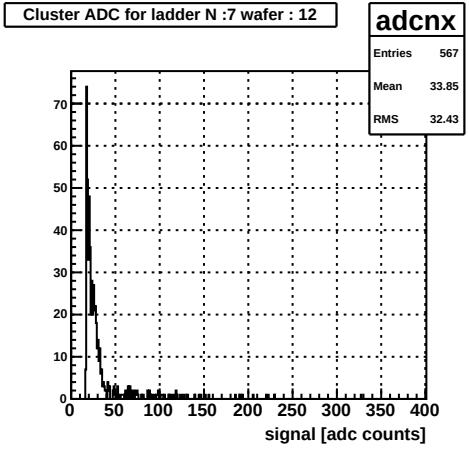

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 190
Mean 45.37
RMS 54.49
signal [adc counts]

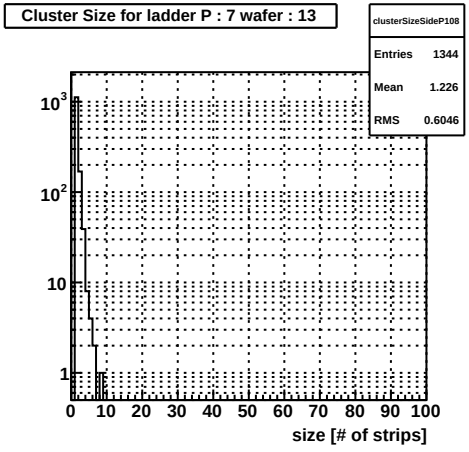

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 1486
Mean 1.185
RMS 0.4854
size [# of strips]

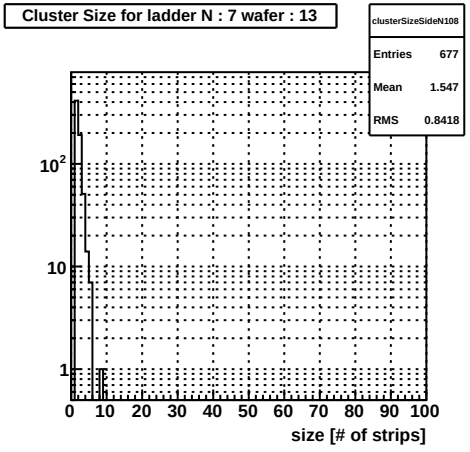

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 567
Mean 1.143
RMS 0.5134
size [# of strips]

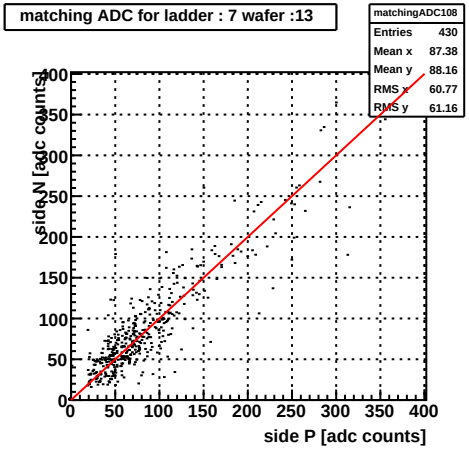

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 80
Mean x 80.27
Mean y 91.03
RMS x 53.5
RMS y 64.49
side N [adc counts]
side P [adc counts]

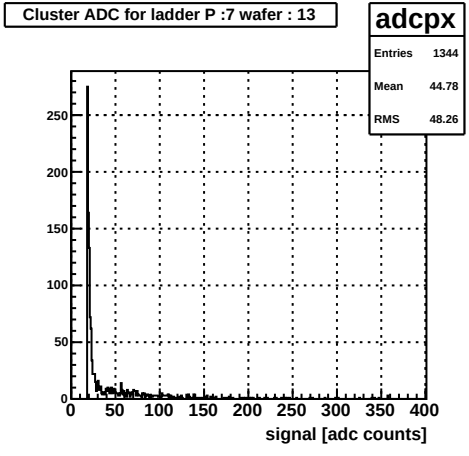

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 1486
Mean 41.44
RMS 45
signal [adc counts]

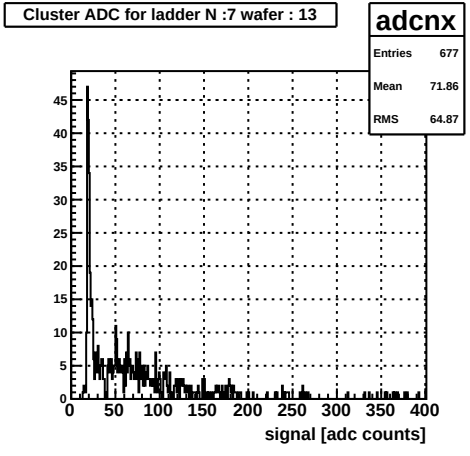

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 567
Mean 33.85
RMS 32.43
signal [adc counts]

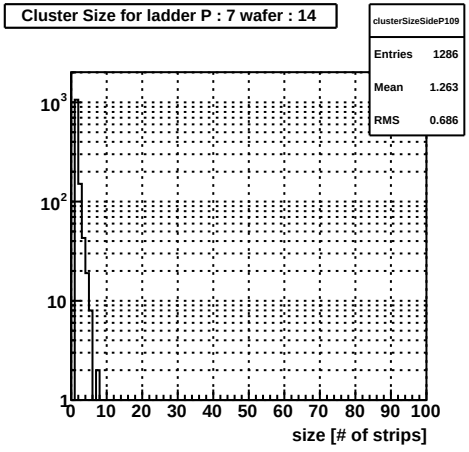

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 1344
Mean 1.226
RMS 0.6046
size [# of strips]

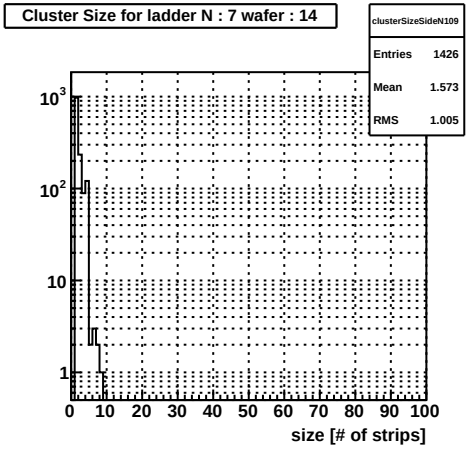

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 677
Mean 1.547
RMS 0.8418
size [# of strips]

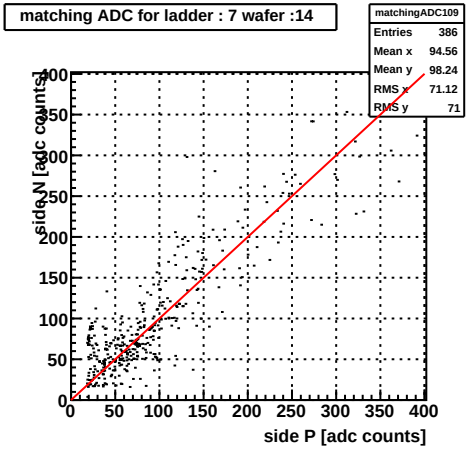

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 430
Mean x 87.38
Mean y 88.16
RMS x 60.77
RMS y 61.16
side N [adc counts]
side P [adc counts]

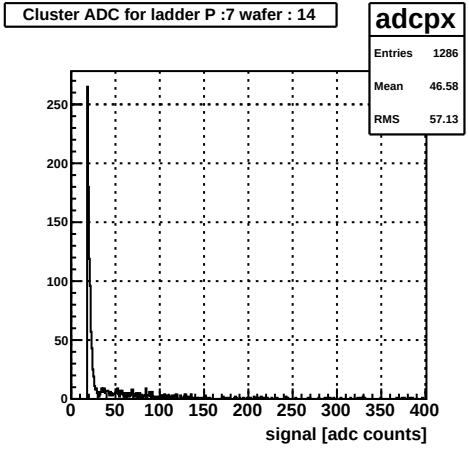

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 1344
Mean 44.78
RMS 48.26
signal [adc counts]

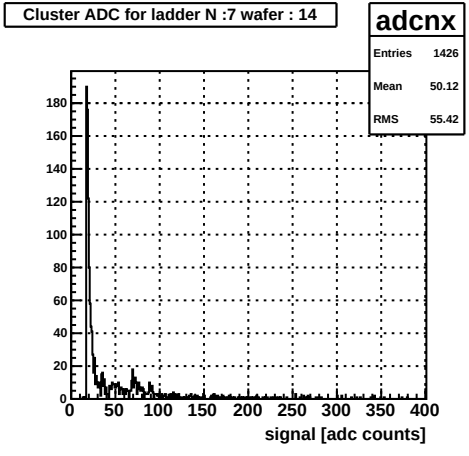

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 677
Mean 71.86
RMS 64.87
signal [adc counts]

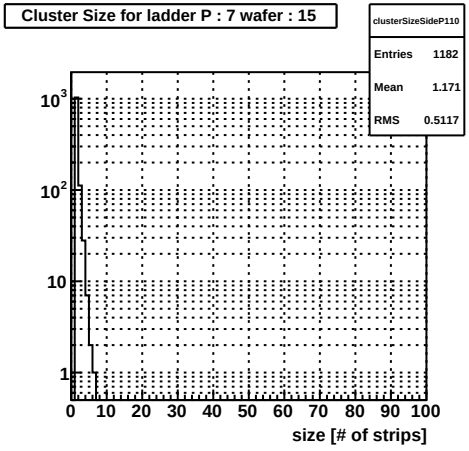

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 1286
Mean 1.263
RMS 0.686
size [# of strips]

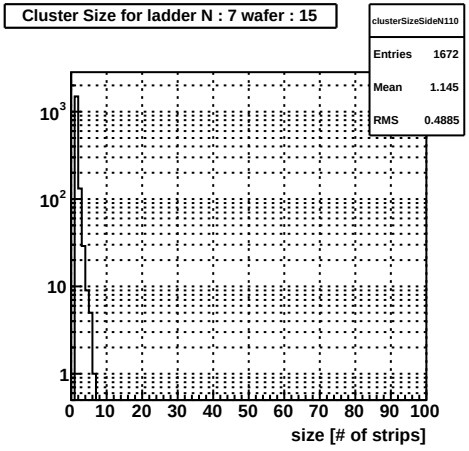

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 1426
Mean 1.573
RMS 1.005
size [# of strips]

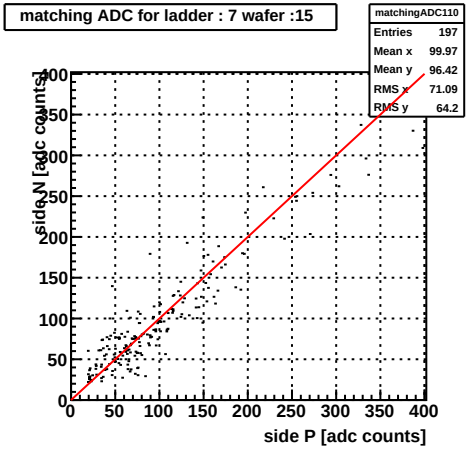

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 386
Mean x 94.56
Mean y 98.24
RMS x 71.12
RMS y 71
side N [adc counts]
side P [adc counts]

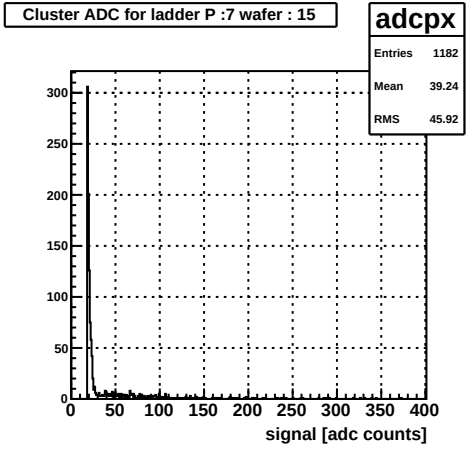

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 1286
Mean 46.58
RMS 57.13
signal [adc counts]

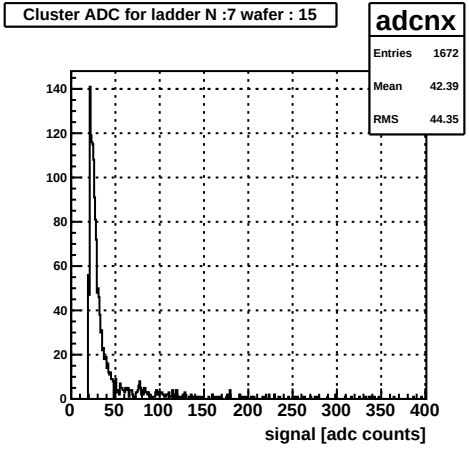

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 1426
Mean 50.12
RMS 55.42
signal [adc counts]

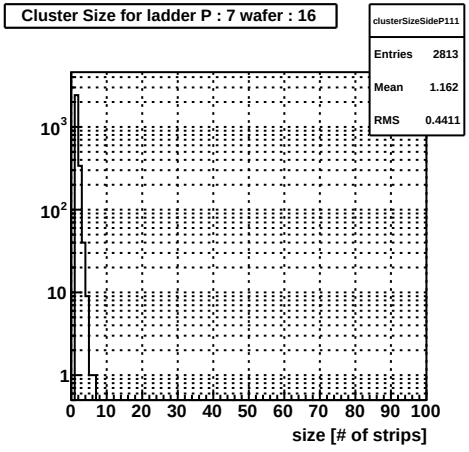

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 1182
Mean 1.171
RMS 0.5117
size [# of strips]

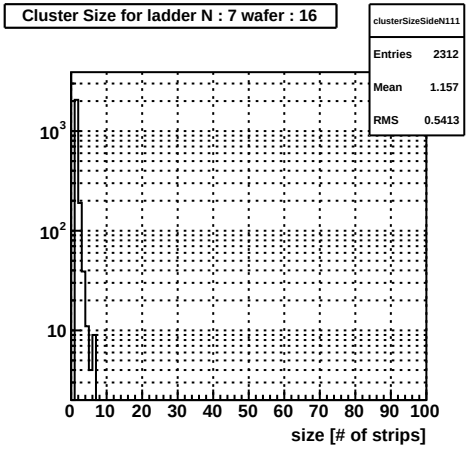

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 1672
Mean 1.145
RMS 0.4885
size [# of strips]

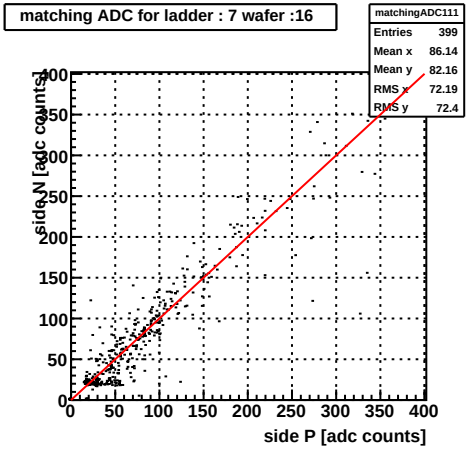

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 197
Mean x 99.97
Mean y 96.42
RMS x 71.09
RMS y 64.2
side N [adc counts]
side P [adc counts]

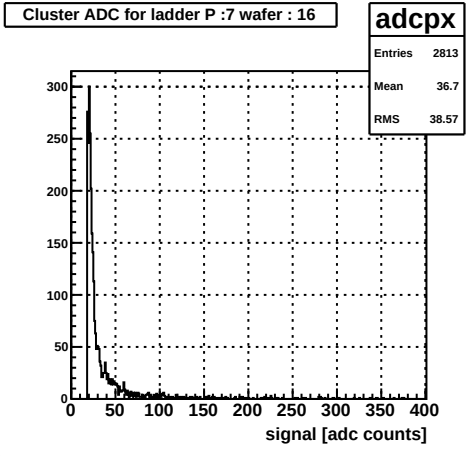

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 1182
Mean 39.24
RMS 45.92
signal [adc counts]

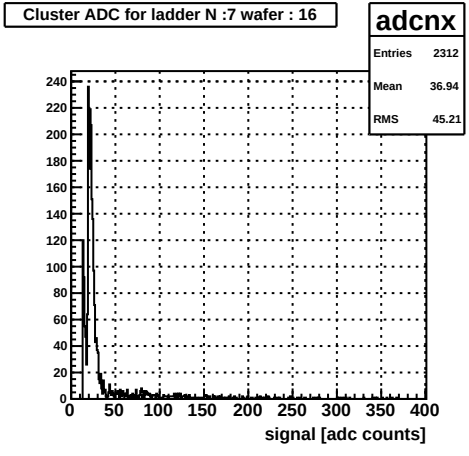

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 1672
Mean 42.39
RMS 44.35
signal [adc counts]

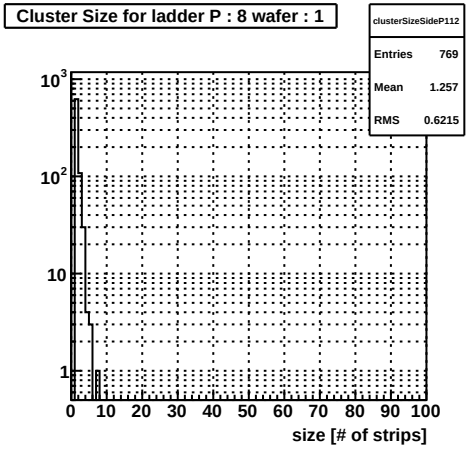

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 2813
Mean 1.162
RMS 0.4411
size [# of strips]

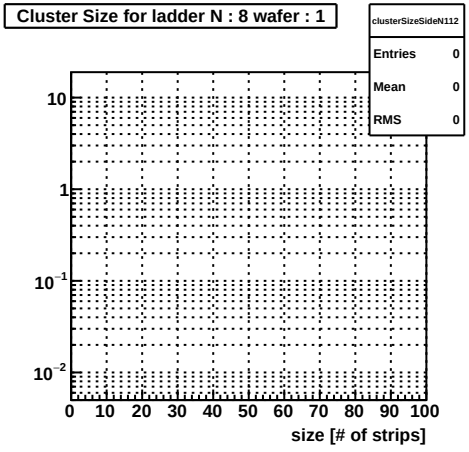

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 2312
Mean 1.157
RMS 0.5413
size [# of strips]

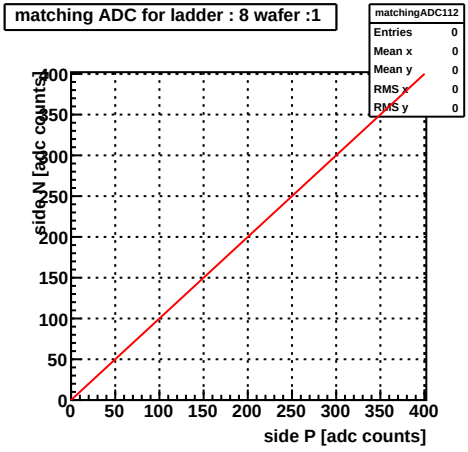

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 399
Mean x 86.14
Mean y 82.16
RMS x 72.19
RMS y 72.4
side N [adc counts]
side P [adc counts]

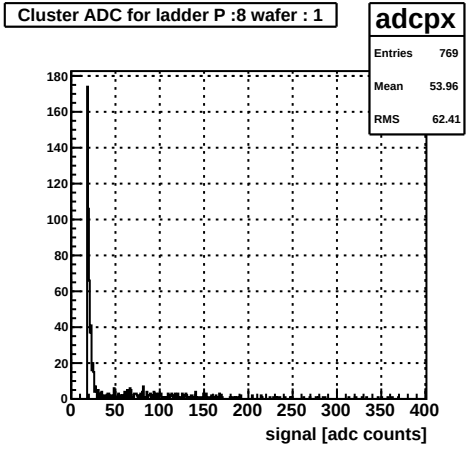

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 2813
Mean 36.7
RMS 38.57
signal [adc counts]

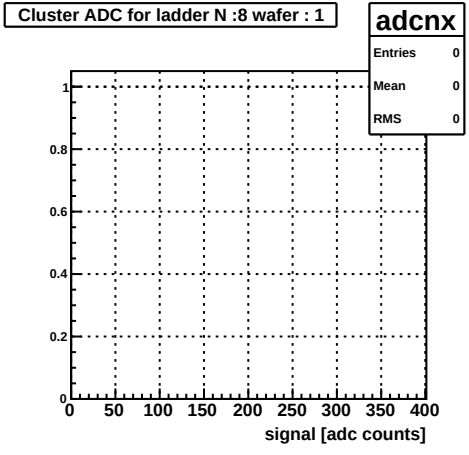

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 2312
Mean 36.94
RMS 45.21
signal [adc counts]

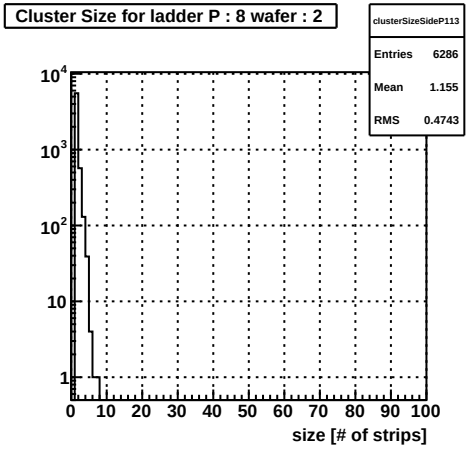

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 769
Mean 1.257
RMS 0.6215
size [# of strips]

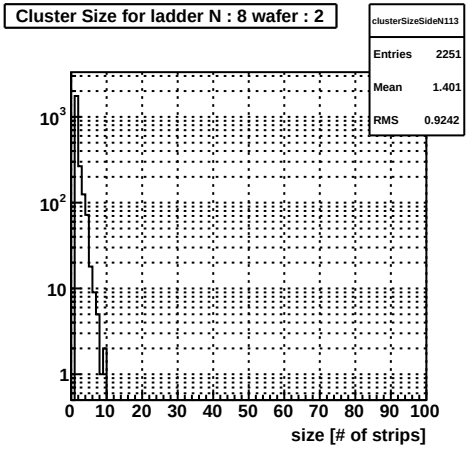

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

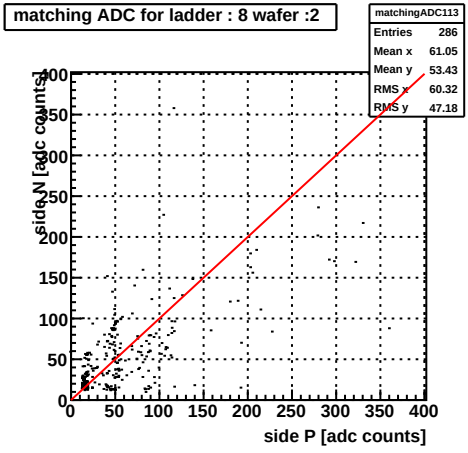

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

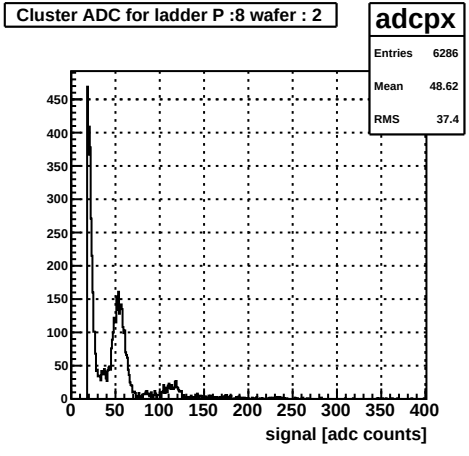

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 769
Mean 53.96
RMS 62.41
signal [adc counts]

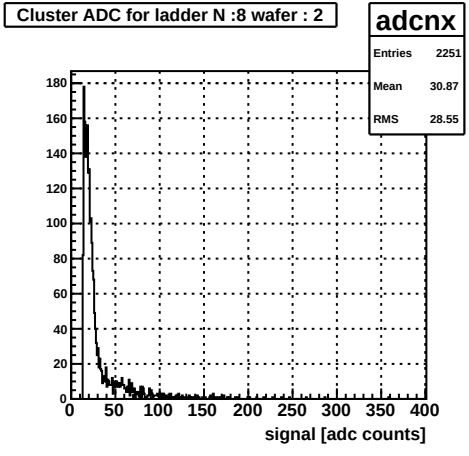

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

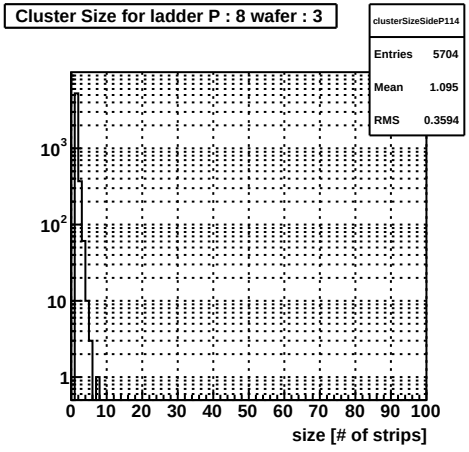

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 6286
Mean 1.155
RMS 0.4743
size [# of strips]

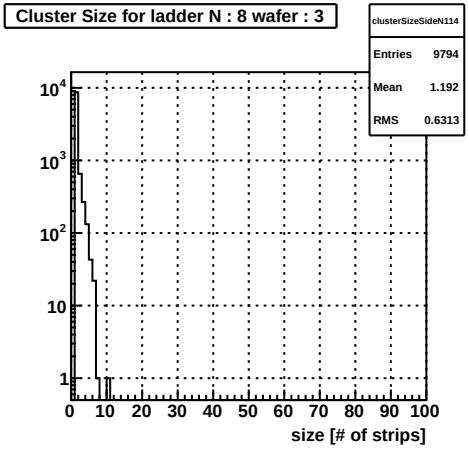

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 2251
Mean 1.401
RMS 0.9242
size [# of strips]

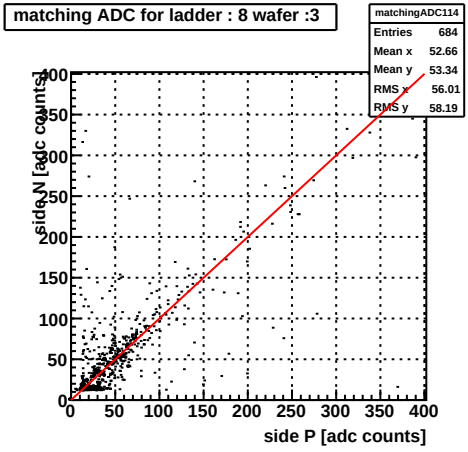

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 286
Mean x 61.05
Mean y 53.43
RMS x 60.32
RMS y 47.18
side N [adc counts]
side P [adc counts]

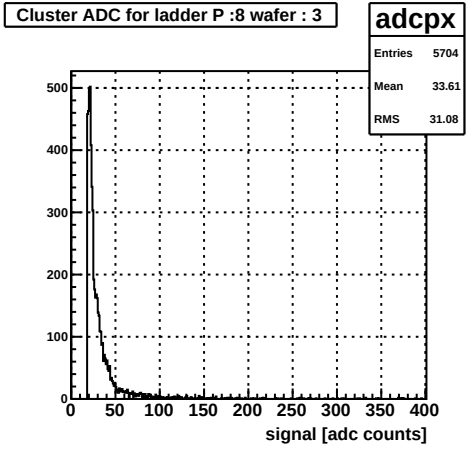

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 6286
Mean 48.62
RMS 37.4
signal [adc counts]

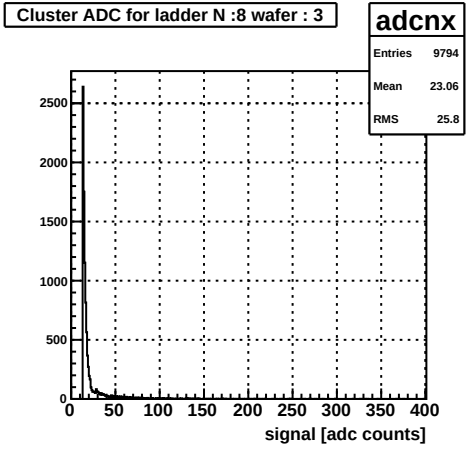

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 2251
Mean 30.87
RMS 28.55
signal [adc counts]

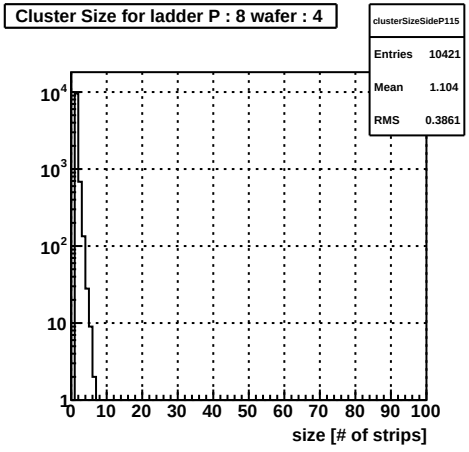

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 5704
Mean 1.095
RMS 0.3594
size [# of strips]

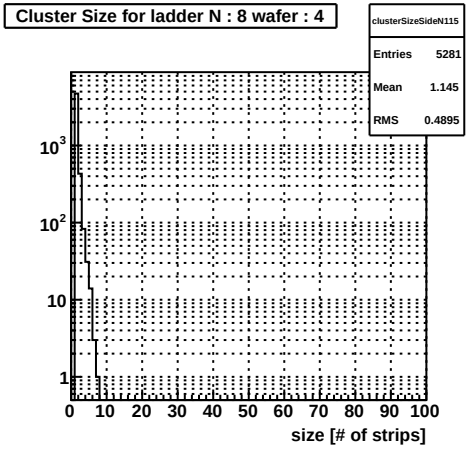

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 9794
Mean 1.192
RMS 0.6313
size [# of strips]

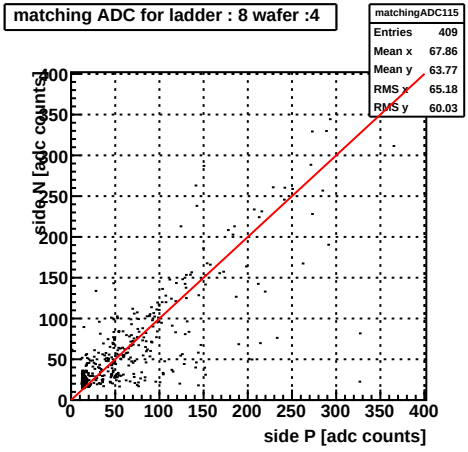

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 684
Mean x 52.66
Mean y 53.34
RMS x 56.01
RMS y 58.19
side N [adc counts]
side P [adc counts]

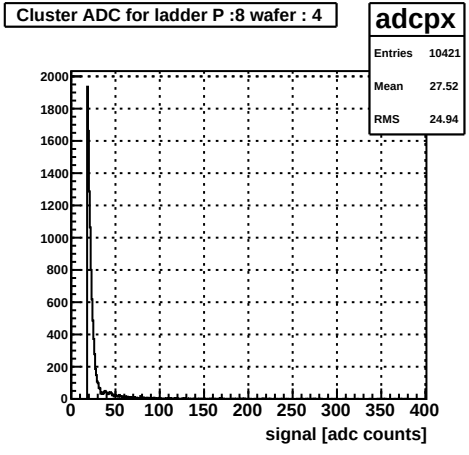

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 5704
Mean 33.61
RMS 31.08
signal [adc counts]

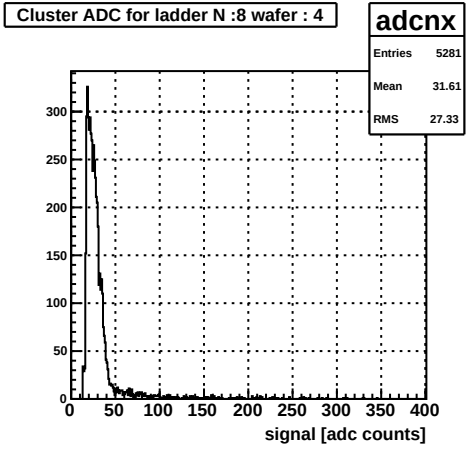

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 9794
Mean 23.06
RMS 25.8
signal [adc counts]

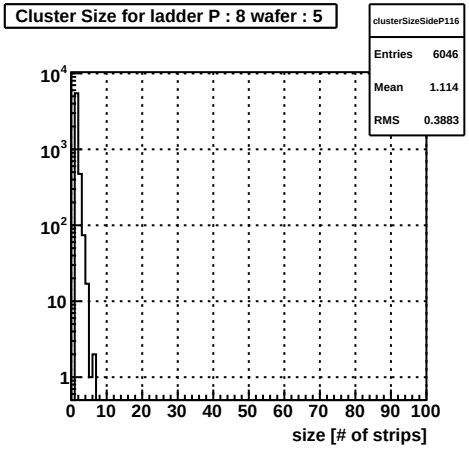

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 10421
Mean 1.104
RMS 0.3861
size [# of strips]

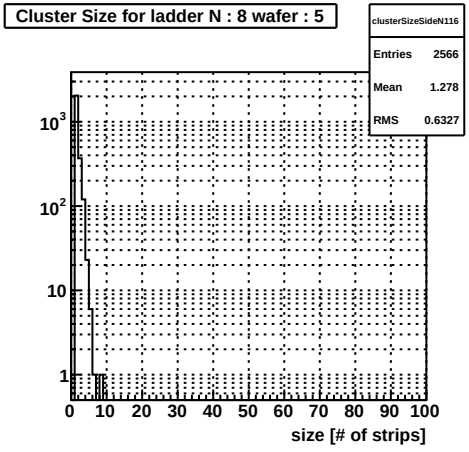

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 5281
Mean 1.145
RMS 0.4895
size [# of strips]

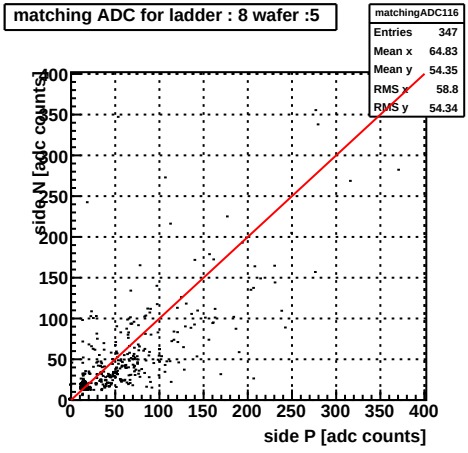

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 409
Mean x 67.86
Mean y 63.77
RMS x 65.18
RMS y 60.03
side N [adc counts]
side P [adc counts]

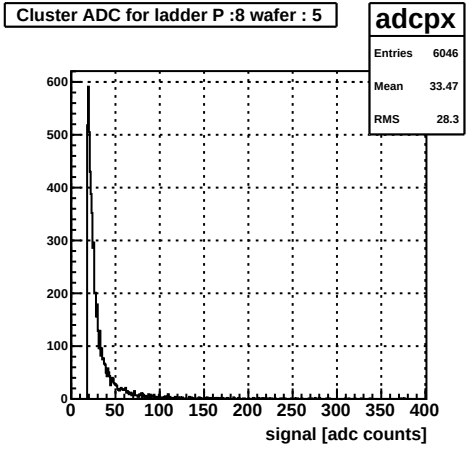

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 10421
Mean 27.52
RMS 24.94
signal [adc counts]

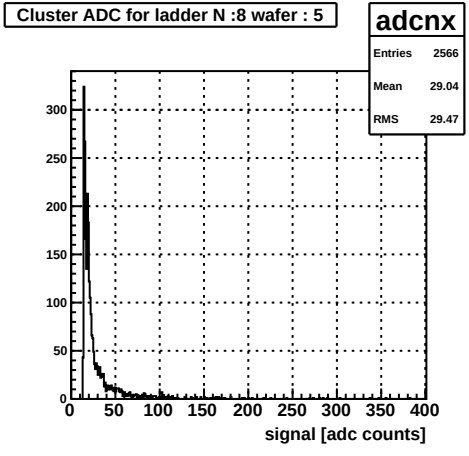

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 5281
Mean 31.61
RMS 27.33
signal [adc counts]

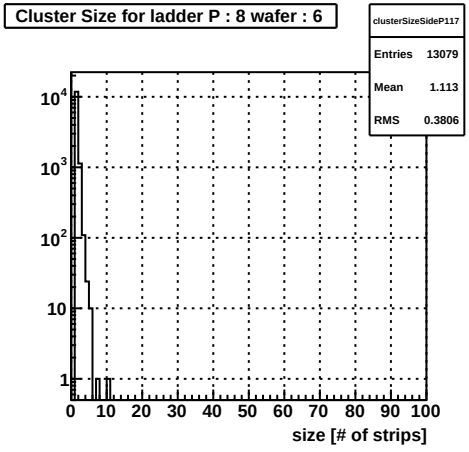

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 6046
Mean 1.114
RMS 0.3883
size [# of strips]

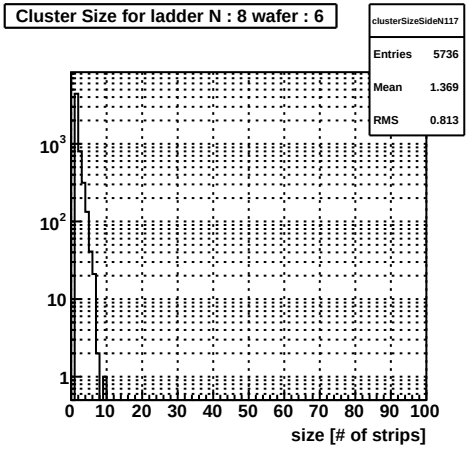

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 2566
Mean 1.278
RMS 0.6327
size [# of strips]

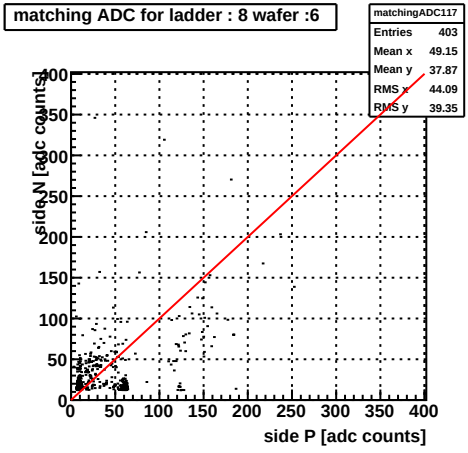

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 347
Mean x 64.83
Mean y 54.35
RMS x 58.8
RMS y 54.34
side N [adc counts]
side P [adc counts]

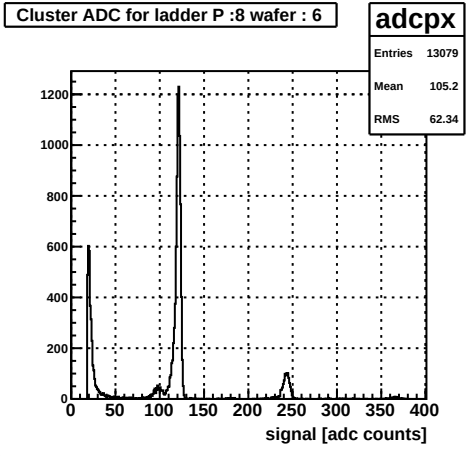

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 6046
Mean 33.47
RMS 28.3
signal [adc counts]

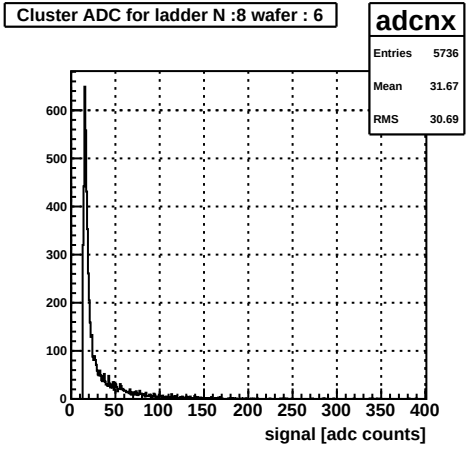

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 2566
Mean 29.04
RMS 29.47
signal [adc counts]

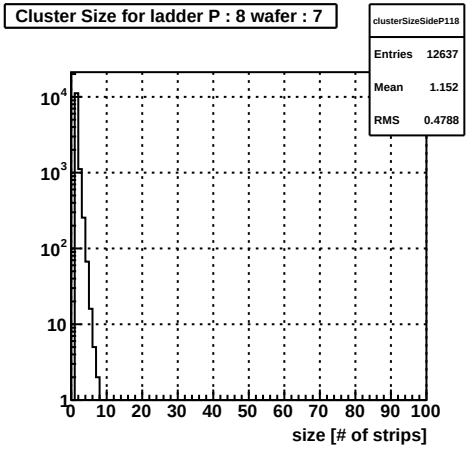

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 13079
Mean 1.113
RMS 0.3806
size [# of strips]

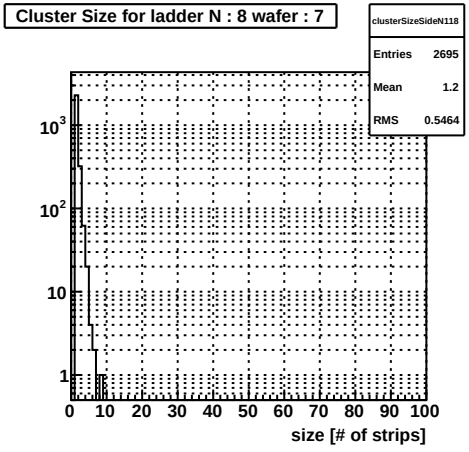

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 5736
Mean 1.369
RMS 0.813
size [# of strips]

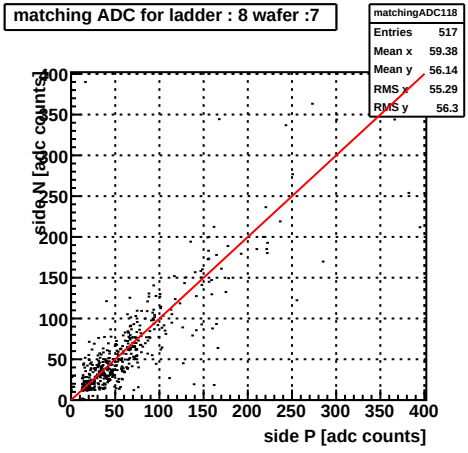

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 403
Mean x 49.15
Mean y 37.87
RMS x 44.09
RMS y 39.35
side N [adc counts]
side P [adc counts]

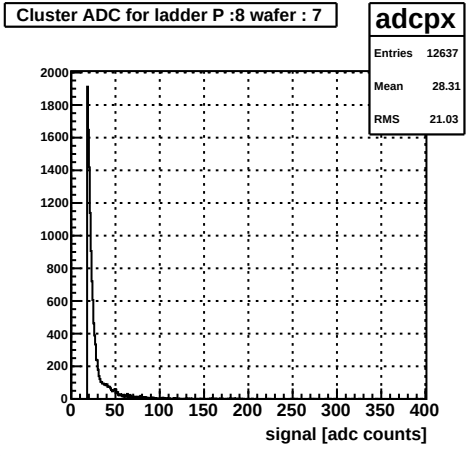

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 13079
Mean 105.2
RMS 62.34
signal [adc counts]

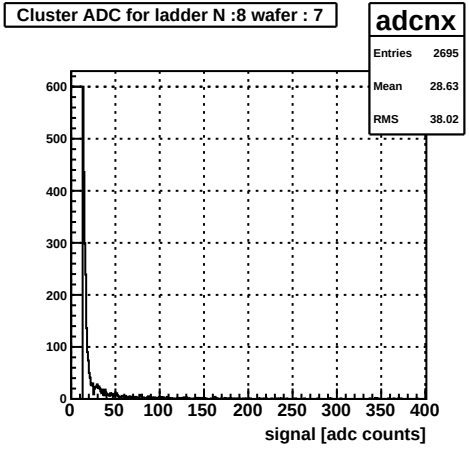

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 5736
Mean 31.67
RMS 30.69
signal [adc counts]

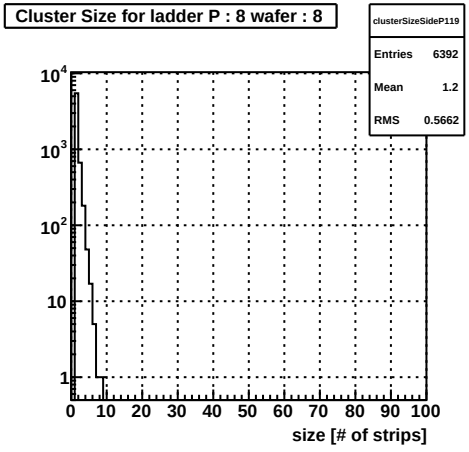

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 12637
Mean 1.152
RMS 0.4788
size [# of strips]

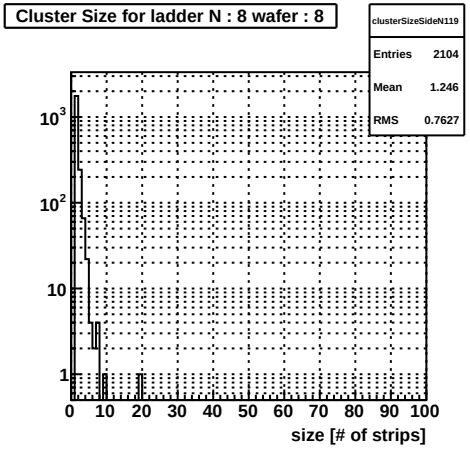

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 2695
Mean 1.2
RMS 0.5464
size [# of strips]

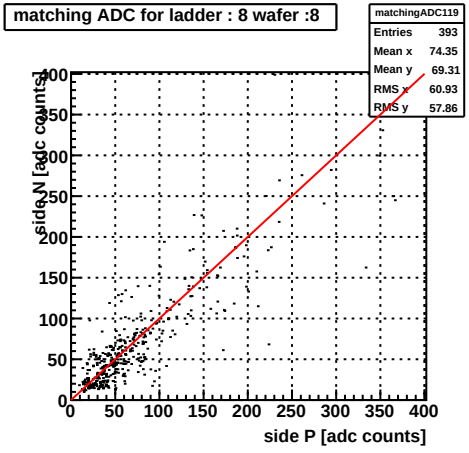

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 517
Mean x 59.38
Mean y 56.14
RMS x 55.29
RMS y 56.3
side N [adc counts]
side P [adc counts]

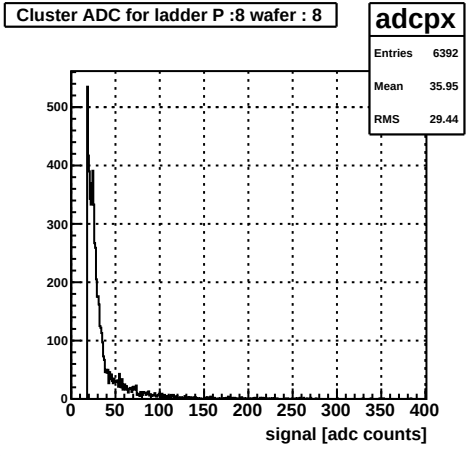

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 12637
Mean 28.31
RMS 21.03
signal [adc counts]

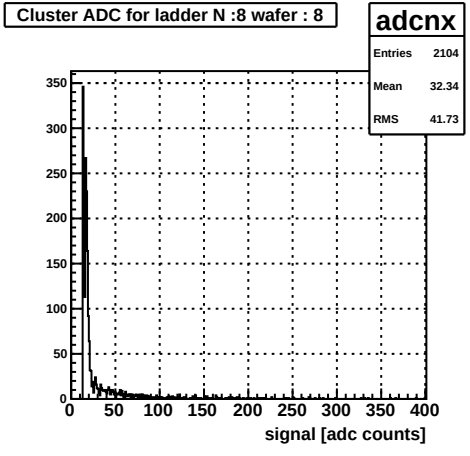

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 2695
Mean 28.63
RMS 38.02
signal [adc counts]

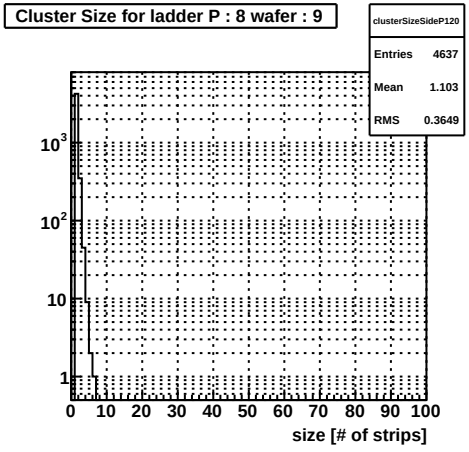

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 6392
Mean 1.2
RMS 0.5662
size [# of strips]

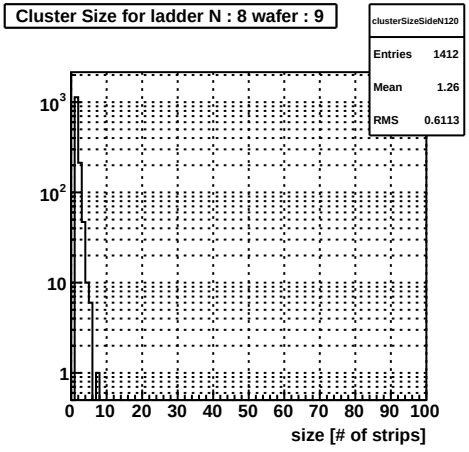

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 2104
Mean 1.246
RMS 0.7627
size [# of strips]

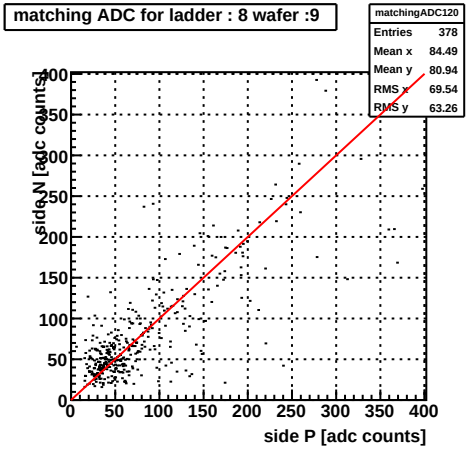

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 393
Mean x 74.35
Mean y 69.31
RMS x 60.93
RMS y 57.86
side N [adc counts]
side P [adc counts]

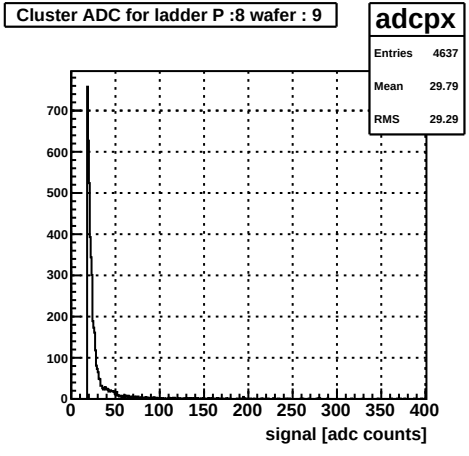

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 6392
Mean 35.95
RMS 29.44
signal [adc counts]

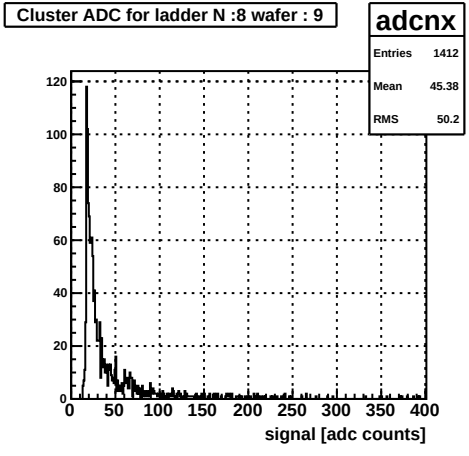

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 2104
Mean 32.34
RMS 41.73
signal [adc counts]

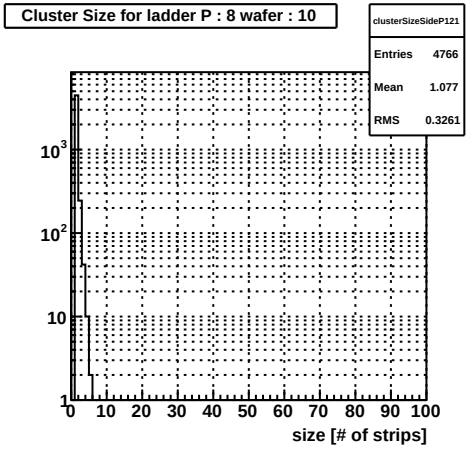

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 4637
Mean 1.103
RMS 0.3649
size [# of strips]

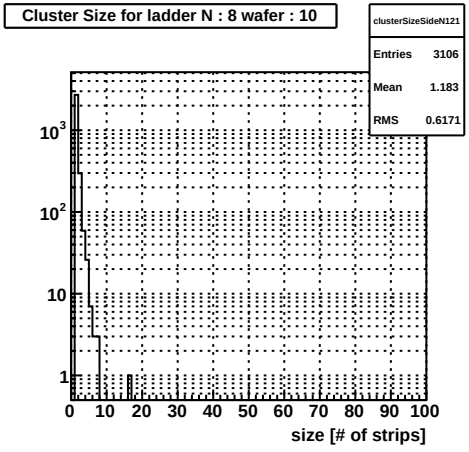

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 1412
Mean 1.26
RMS 0.6113
size [# of strips]

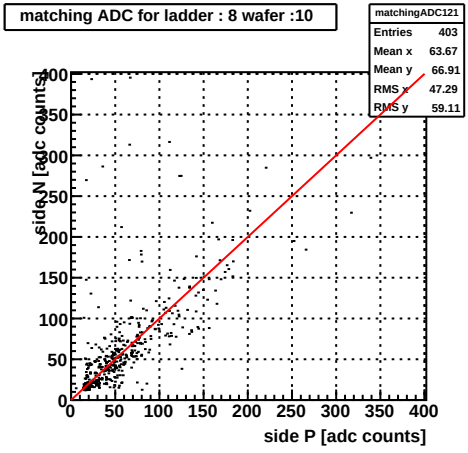

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 378
Mean x 84.49
Mean y 80.94
RMS x 69.54
RMS y 63.26
side N [adc counts]
side P [adc counts]

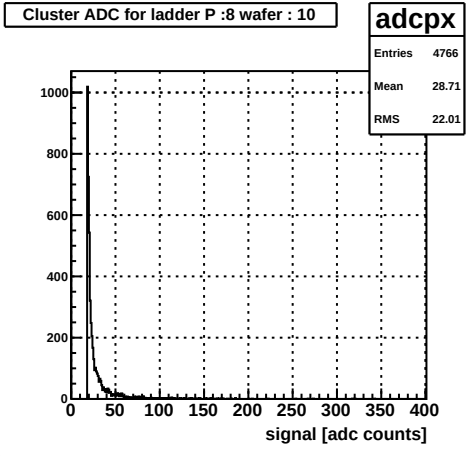

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 4637
Mean 29.79
RMS 29.29
signal [adc counts]

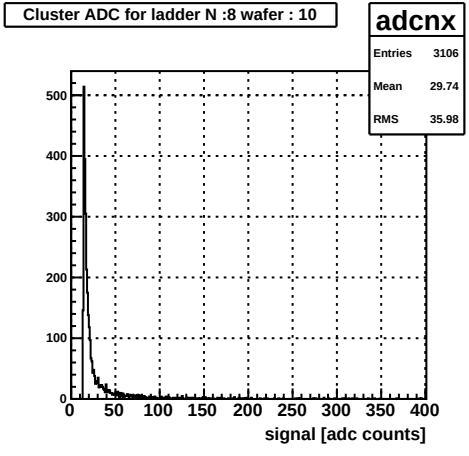

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 1412
Mean 45.38
RMS 50.2
signal [adc counts]

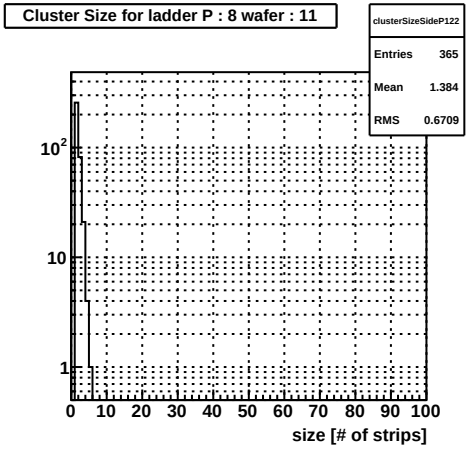

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 4766
Mean 1.077
RMS 0.3261
size [# of strips]

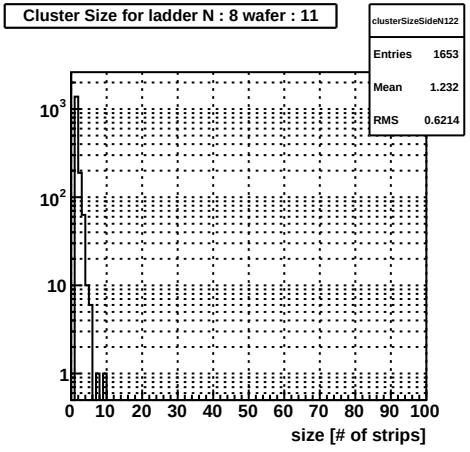

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 3106
Mean 1.183
RMS 0.6171
size [# of strips]

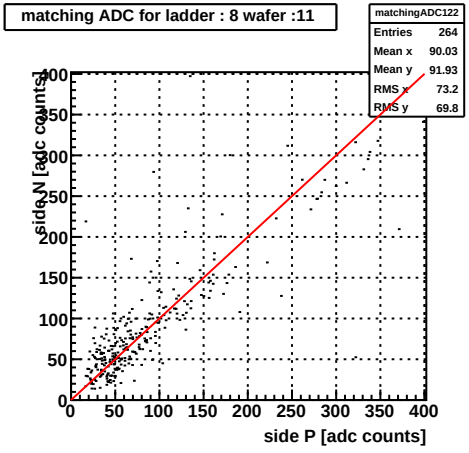

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 403
Mean x 63.67
Mean y 66.91
RMS x 47.29
RMS y 59.11
side N [adc counts]
side P [adc counts]

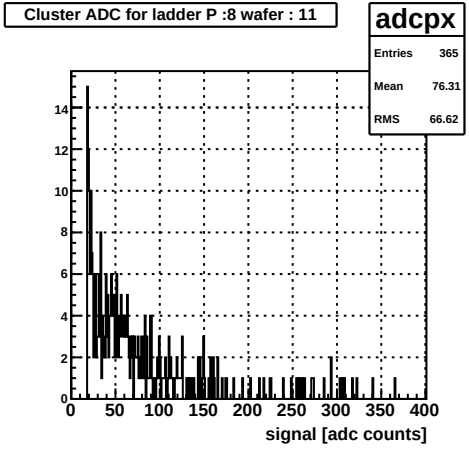

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 4766
Mean 28.71
RMS 22.01
signal [adc counts]

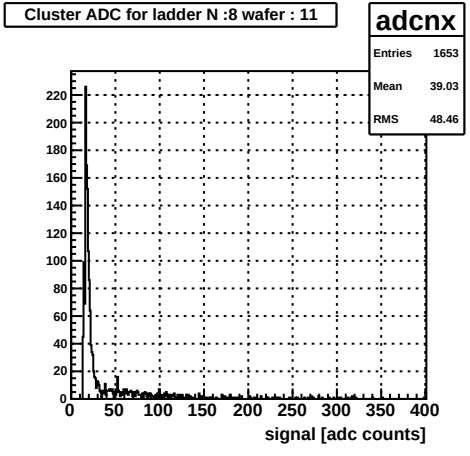

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 3106
Mean 29.74
RMS 35.98
signal [adc counts]

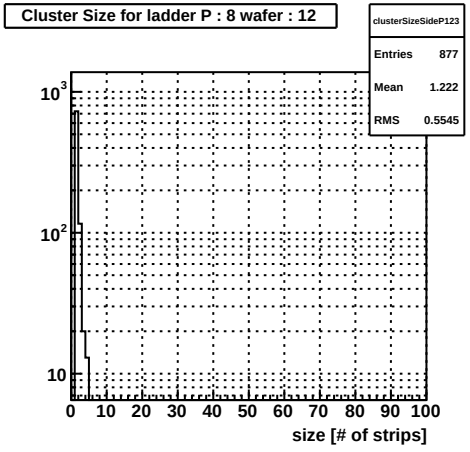

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 365
Mean 1.384
RMS 0.6709
size [# of strips]

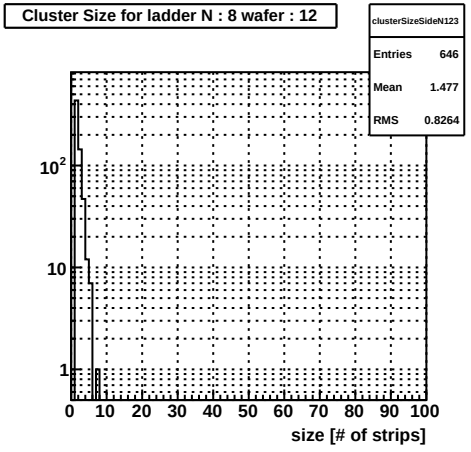

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 1653
Mean 1.232
RMS 0.6214
size [# of strips]

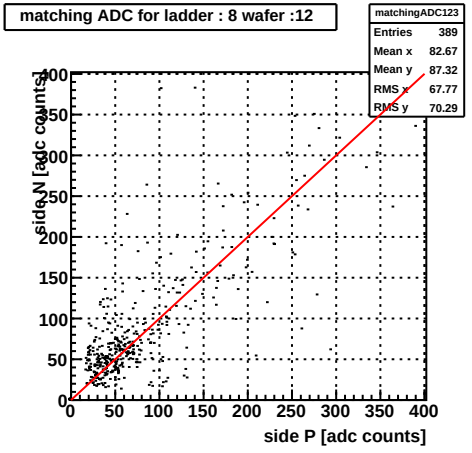

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 264
Mean x 90.03
Mean y 91.93
RMS x 73.2
RMS y 69.8
side N [adc counts]
side P [adc counts]

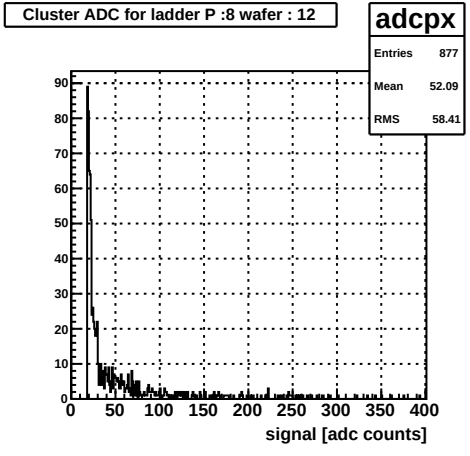

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 365
Mean 76.31
RMS 66.62
signal [adc counts]

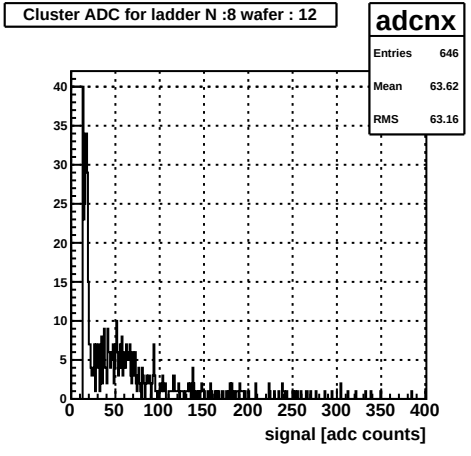

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 1653
Mean 39.03
RMS 48.46
signal [adc counts]

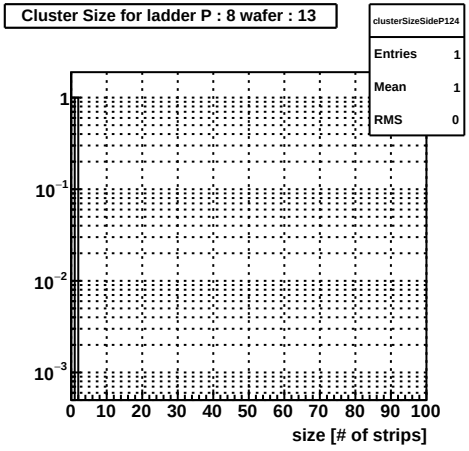

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 877
Mean 1.222
RMS 0.5545
size [# of strips]

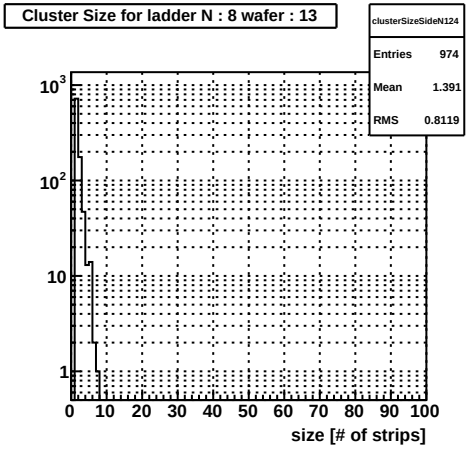

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 646
Mean 1.477
RMS 0.8264
size [# of strips]

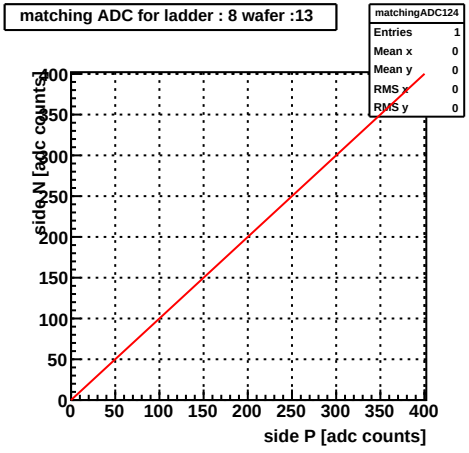

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 389
Mean x 82.67
Mean y 87.32
RMS x 67.77
RMS y 70.29
side N [adc counts]
side P [adc counts]

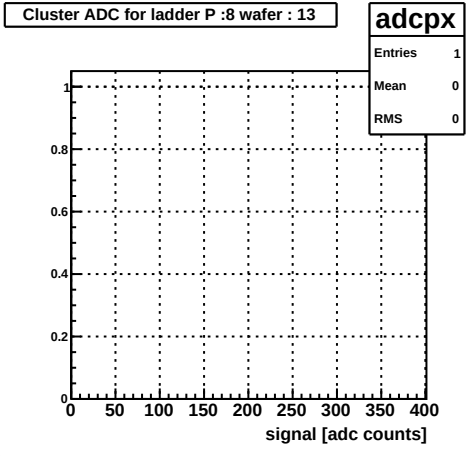

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 877
Mean 52.09
RMS 58.41
signal [adc counts]

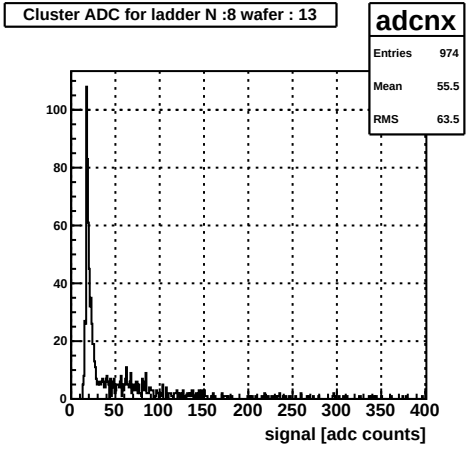

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 646
Mean 63.62
RMS 63.16
signal [adc counts]

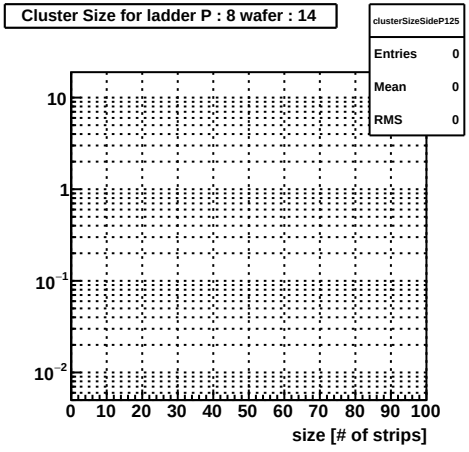

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 1
Mean 1
RMS 0
size [# of strips]

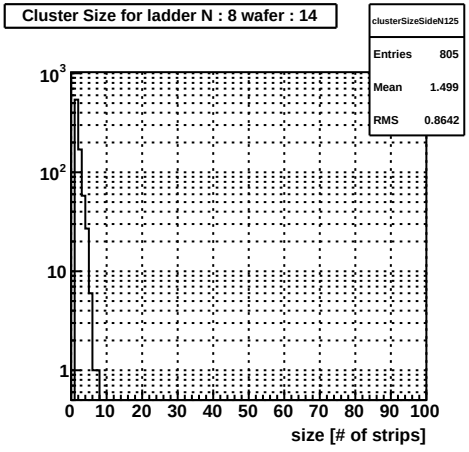

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 974
Mean 1.391
RMS 0.8119
size [# of strips]

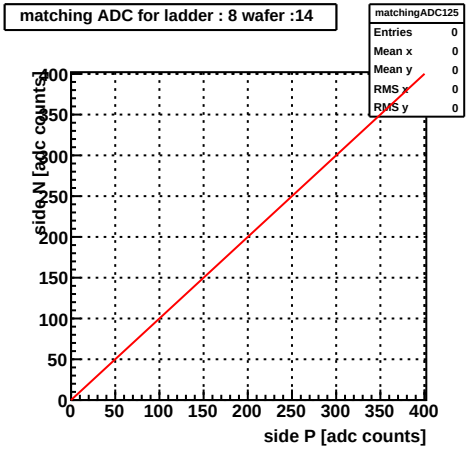

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 1
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

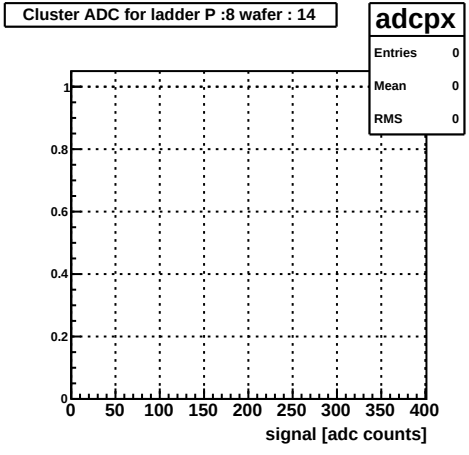

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 1
Mean 0
RMS 0
signal [adc counts]

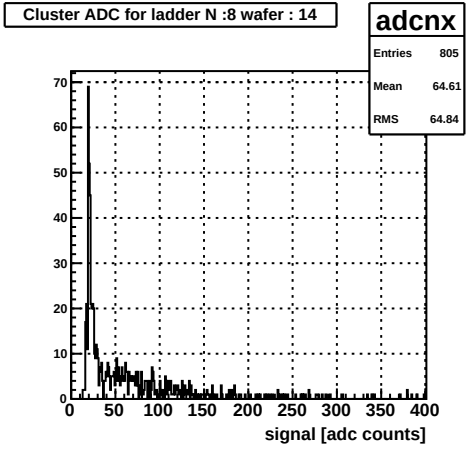

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 974
Mean 55.5
RMS 63.5
signal [adc counts]

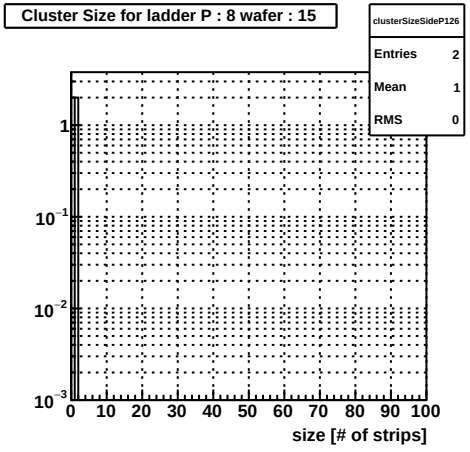

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

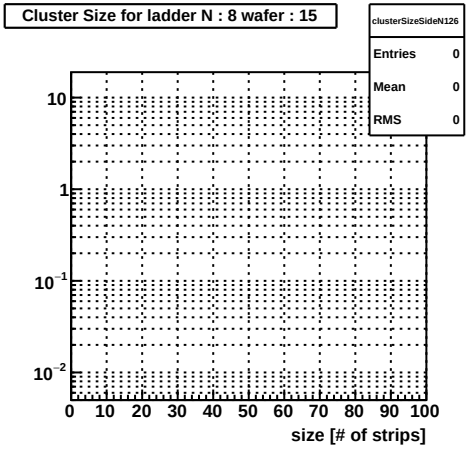

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 805
Mean 1.499
RMS 0.8642
size [# of strips]

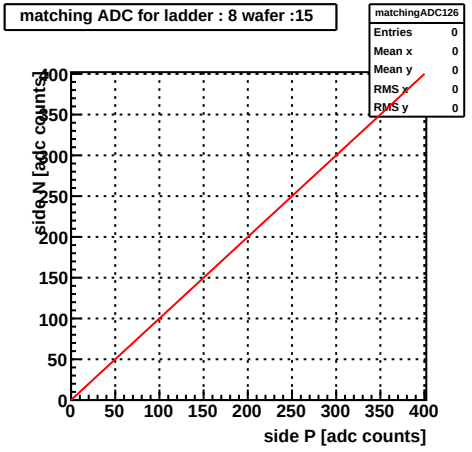

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

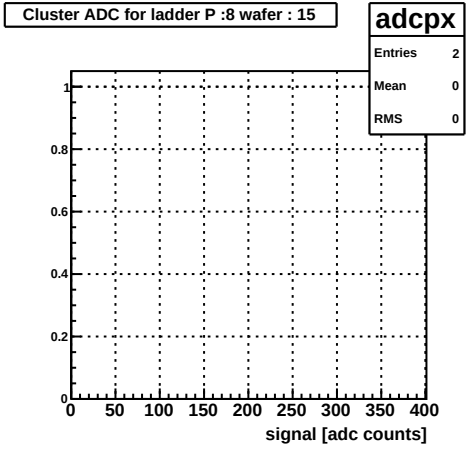

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

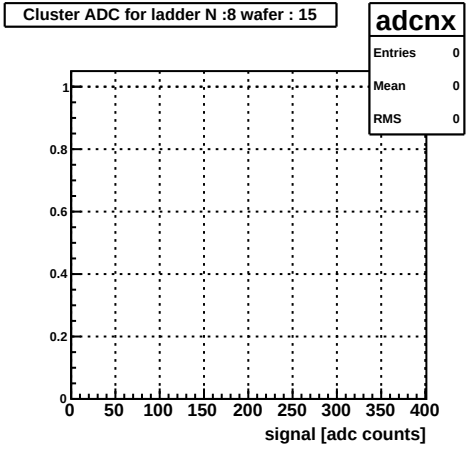

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 805
Mean 64.61
RMS 64.84
signal [adc counts]

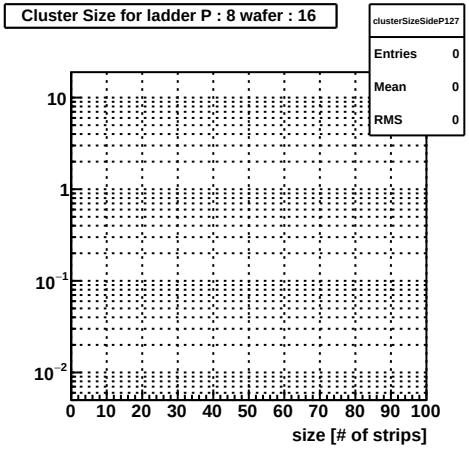

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 2
Mean 1
RMS 0
size [# of strips]

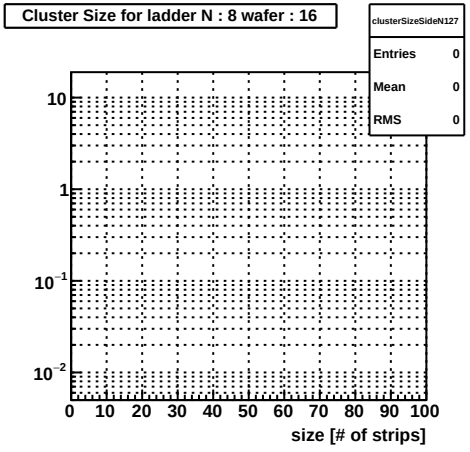

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

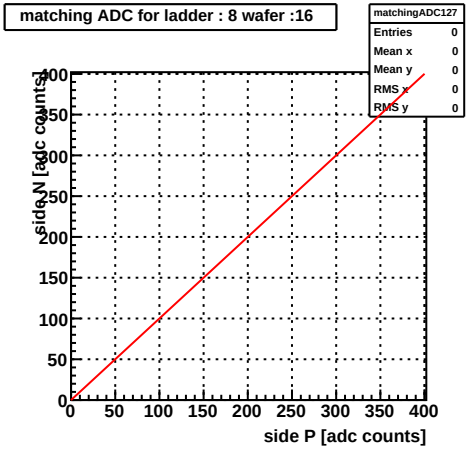

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

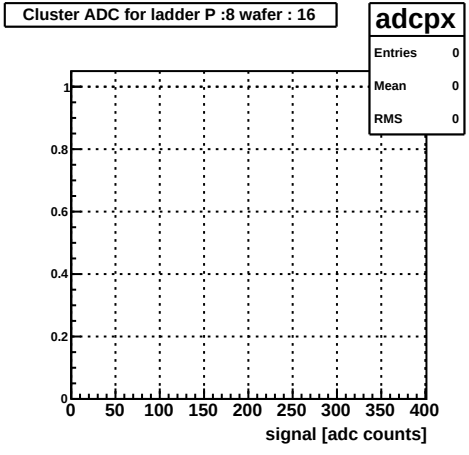

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

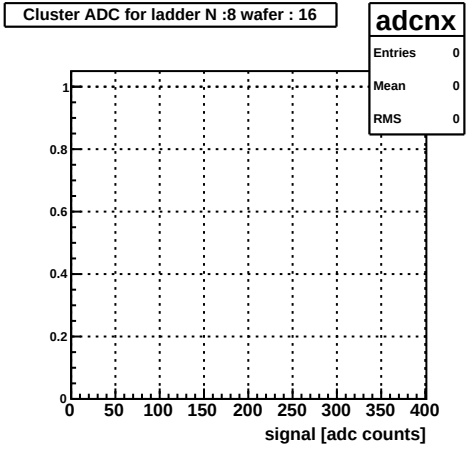

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

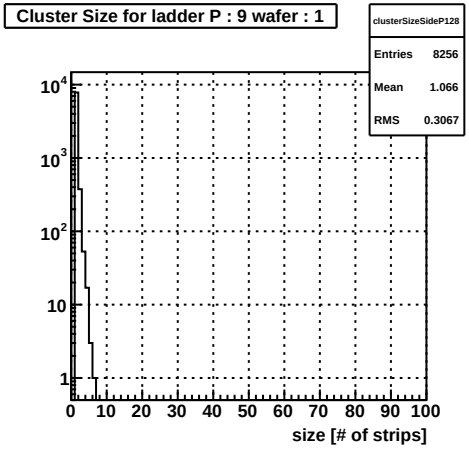

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

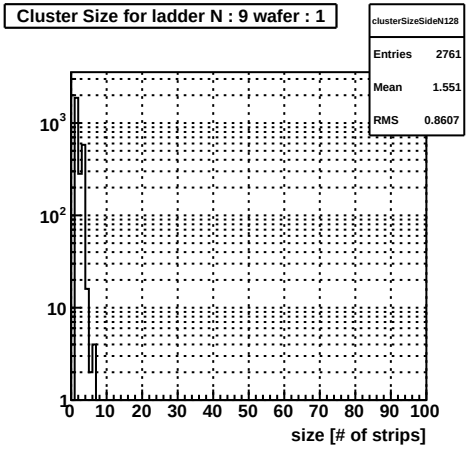

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

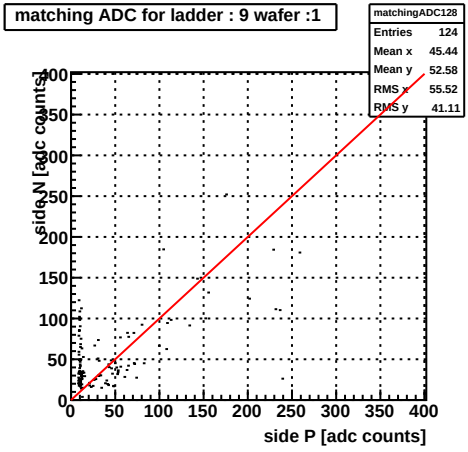

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

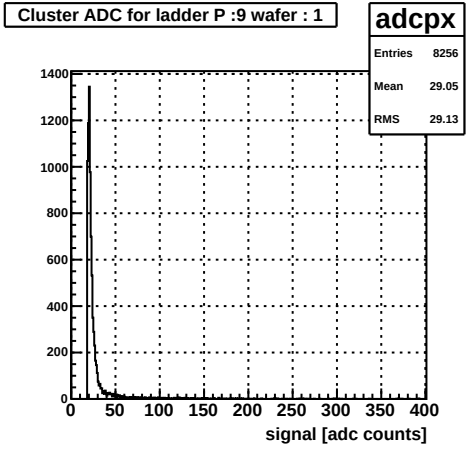

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

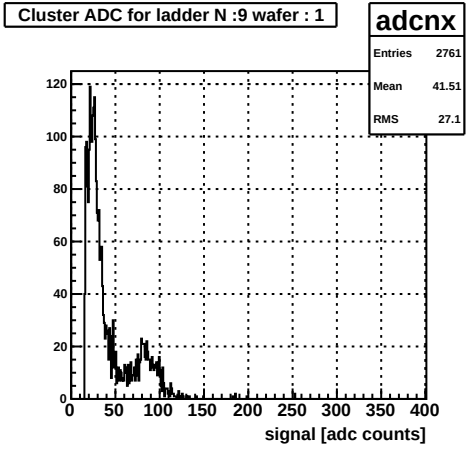

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

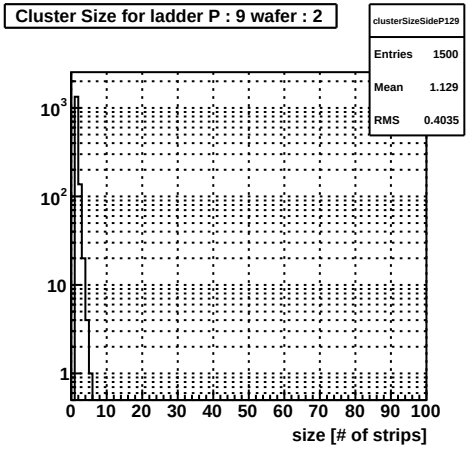

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8256
Mean 1.066
RMS 0.3067
size [# of strips]

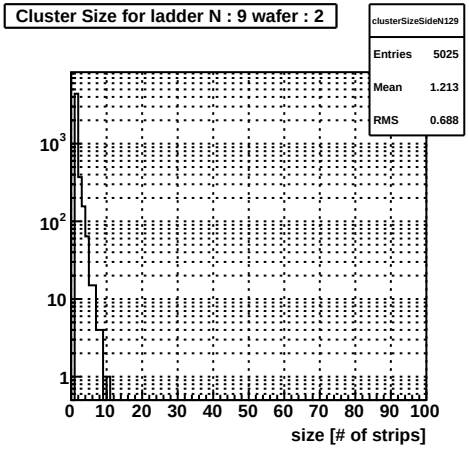

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 2761
Mean 1.551
RMS 0.8607
size [# of strips]

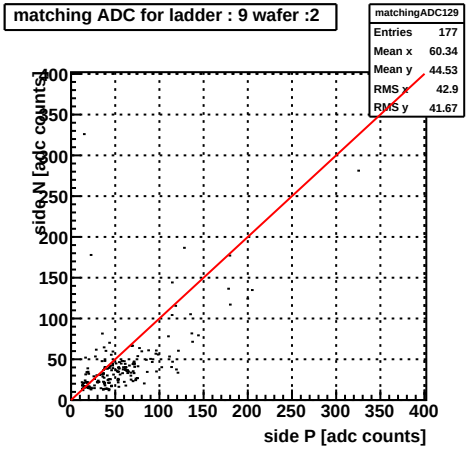

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 124
Mean x 45.44
Mean y 52.58
RMS x 55.52
RMS y 41.11
side N [adc counts]
side P [adc counts]

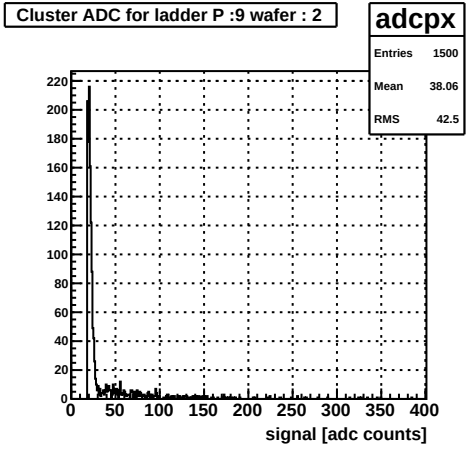

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8256
Mean 29.05
RMS 29.13
signal [adc counts]

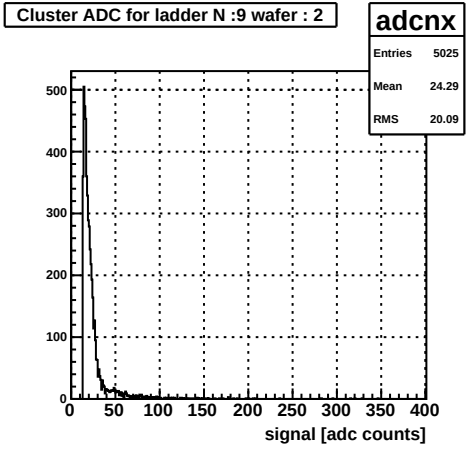

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 2761
Mean 41.51
RMS 27.1
signal [adc counts]

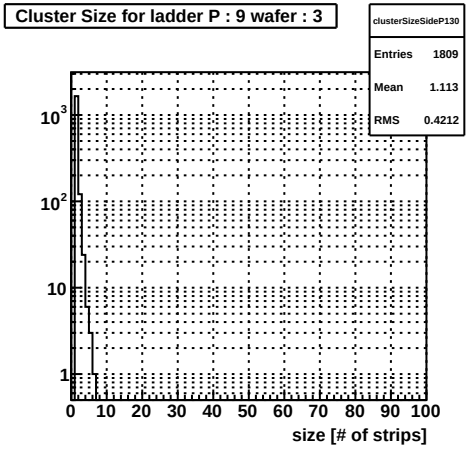

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 1500
Mean 1.129
RMS 0.4035
size [# of strips]

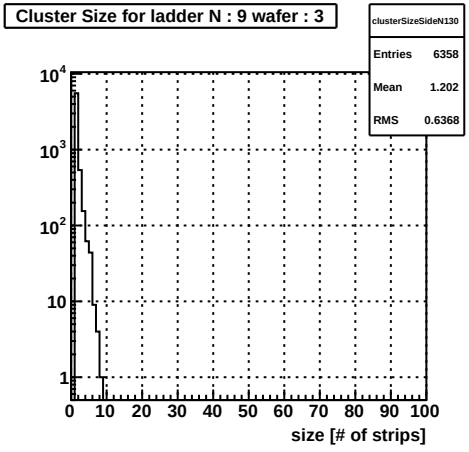

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 5025
Mean 1.213
RMS 0.688
size [# of strips]

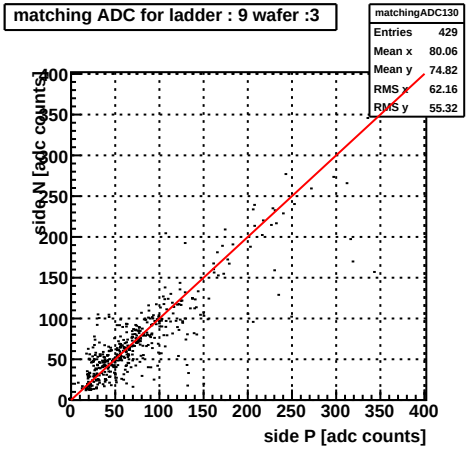

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 177
Mean x 60.34
Mean y 44.53
RMS x 42.9
RMS y 41.67
side N [adc counts]
side P [adc counts]

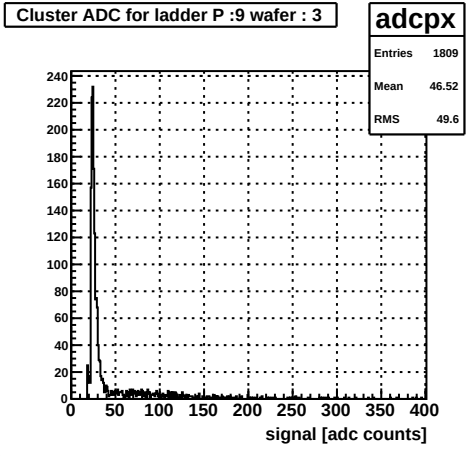

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 1500
Mean 38.06
RMS 42.5
signal [adc counts]

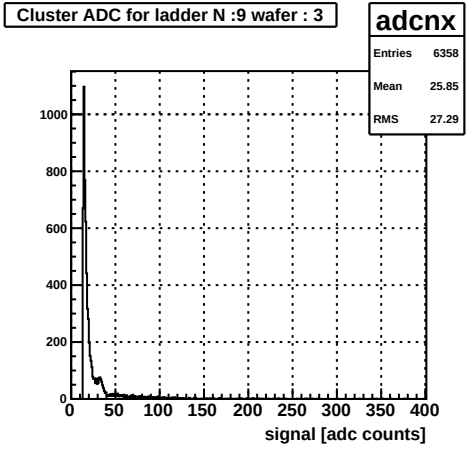

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 5025
Mean 24.29
RMS 20.09
signal [adc counts]

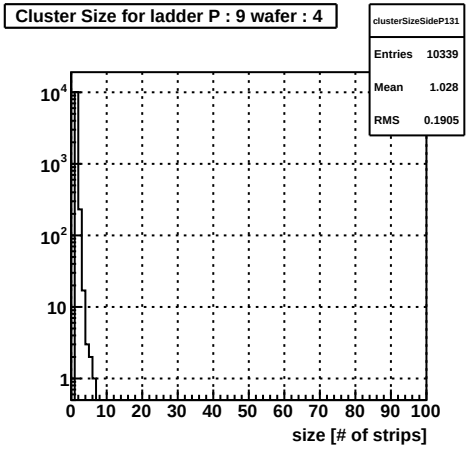

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 1809
Mean 1.113
RMS 0.4212
size [# of strips]

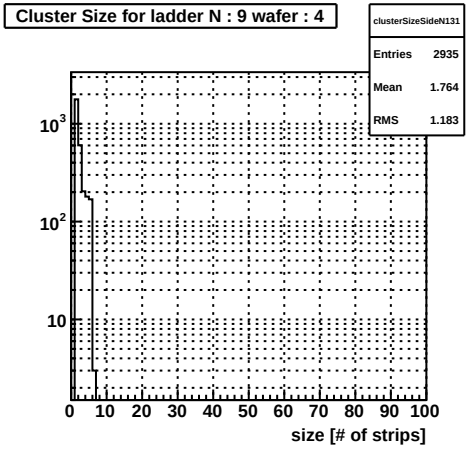

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 6358
Mean 1.202
RMS 0.6368
size [# of strips]

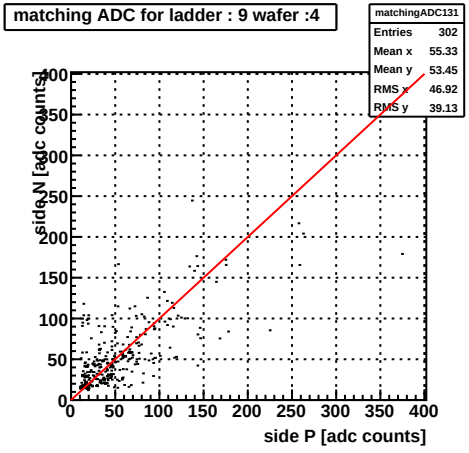

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 429
Mean x 80.06
Mean y 74.82
RMS x 62.16
RMS y 55.32
side N [adc counts]
side P [adc counts]

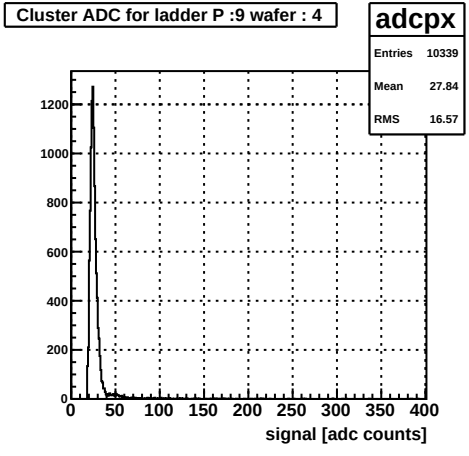

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 1809
Mean 46.52
RMS 49.6
signal [adc counts]

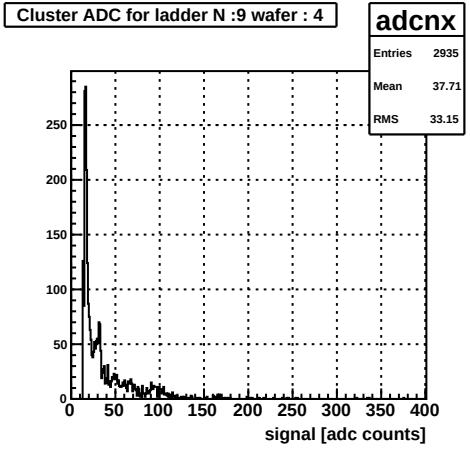

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 6358
Mean 25.85
RMS 27.29
signal [adc counts]

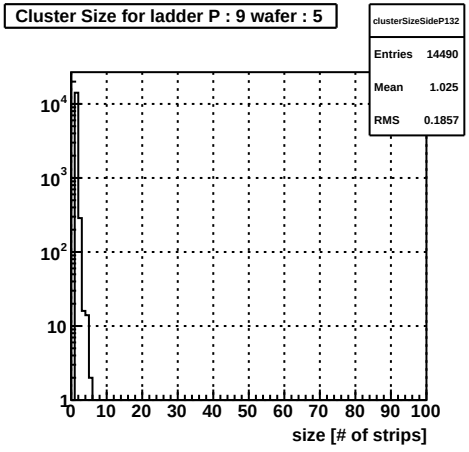

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 10339
Mean 1.028
RMS 0.1905
size [# of strips]

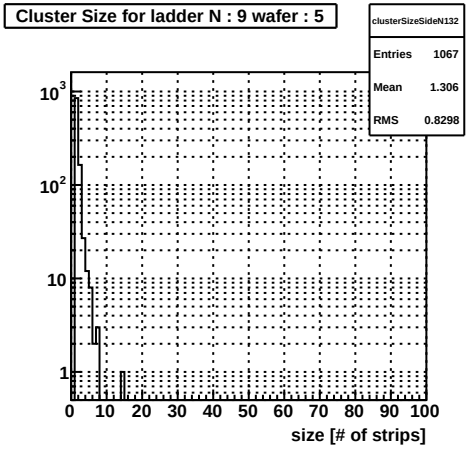

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 2935
Mean 1.764
RMS 1.183
size [# of strips]

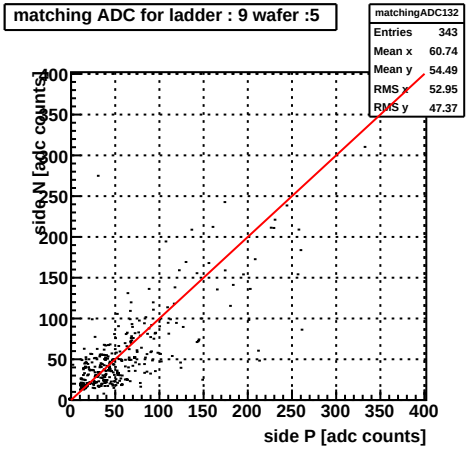

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 302
Mean x 55.33
Mean y 53.45
RMS x 46.92
RMS y 39.13
side N [adc counts]
side P [adc counts]

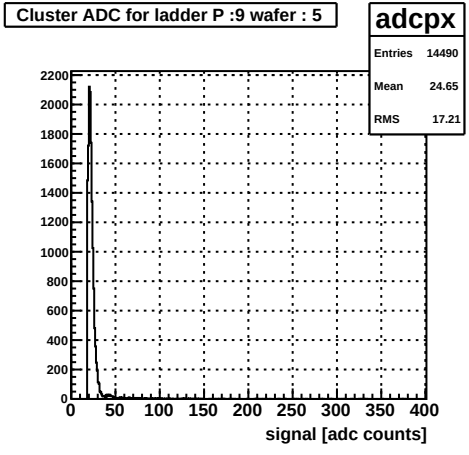

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 10339
Mean 27.84
RMS 16.57
signal [adc counts]

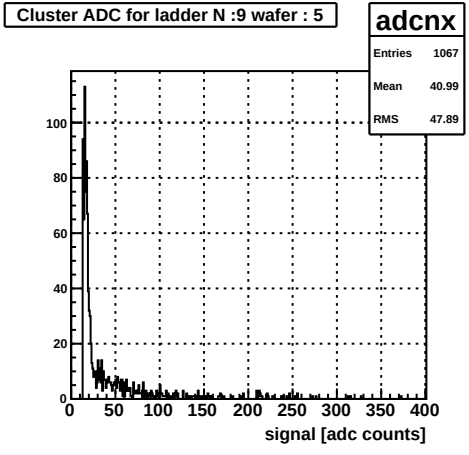

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 2935
Mean 37.71
RMS 33.15
signal [adc counts]

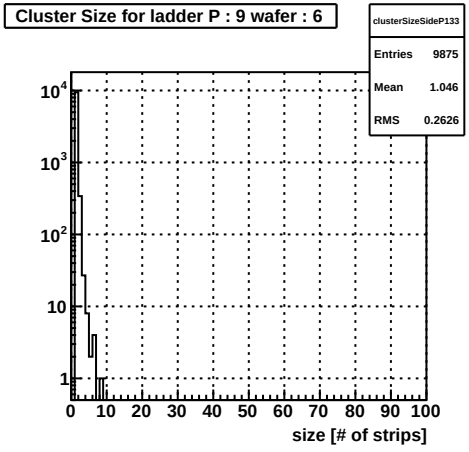

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 14490
Mean 1.025
RMS 0.1857
size [# of strips]

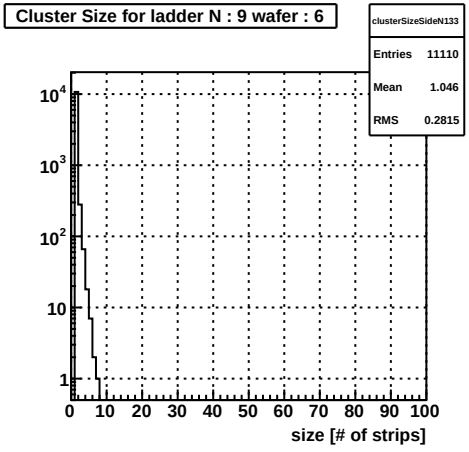

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 1067
Mean 1.306
RMS 0.8298
size [# of strips]

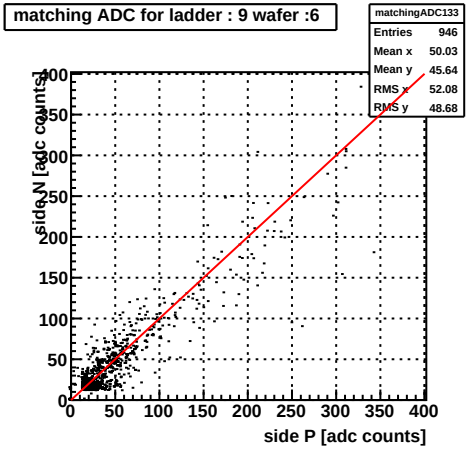

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 343
Mean x 60.74
Mean y 54.49
RMS x 52.95
RMS y 47.37
side N [adc counts]
side P [adc counts]

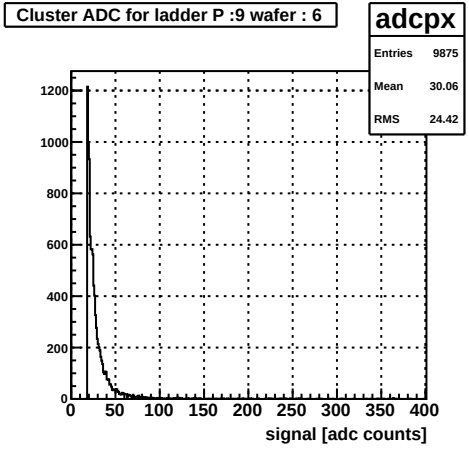

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 14490
Mean 24.65
RMS 17.21
signal [adc counts]

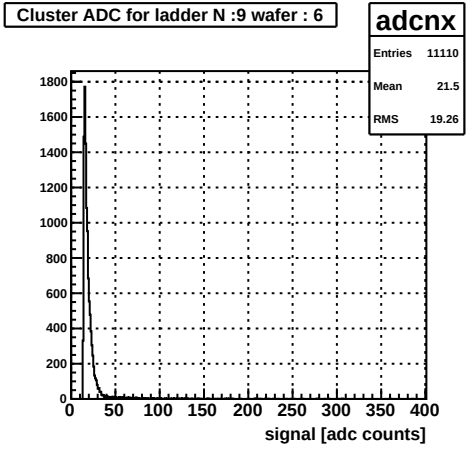

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 1067
Mean 40.99
RMS 47.89
signal [adc counts]

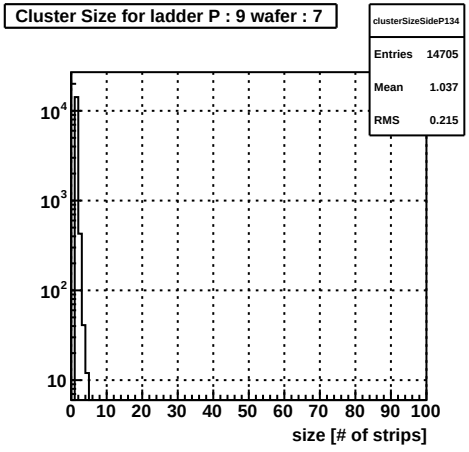

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 9875
Mean 1.046
RMS 0.2626
size [# of strips]

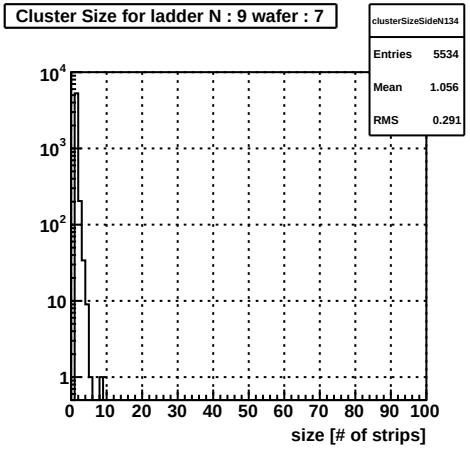

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 11110
Mean 1.046
RMS 0.2815
size [# of strips]

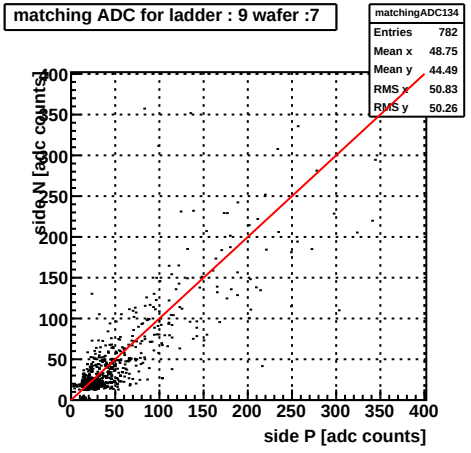

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 946
Mean x 50.03
Mean y 45.64
RMS x 52.08
RMS y 48.68
side N [adc counts]
side P [adc counts]

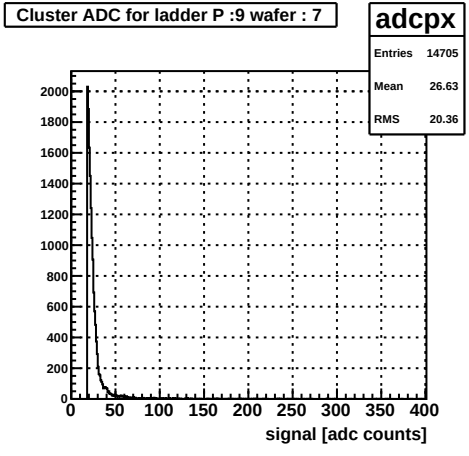

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 9875
Mean 30.06
RMS 24.42
signal [adc counts]

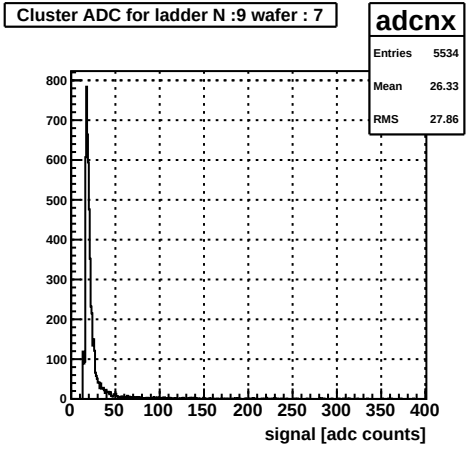

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 11110
Mean 21.5
RMS 19.26
signal [adc counts]

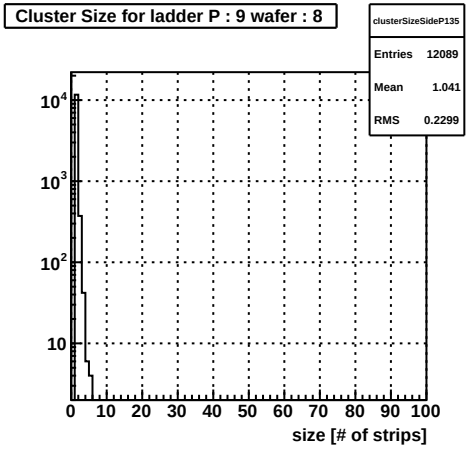

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 14705
Mean 1.037
RMS 0.215
size [# of strips]

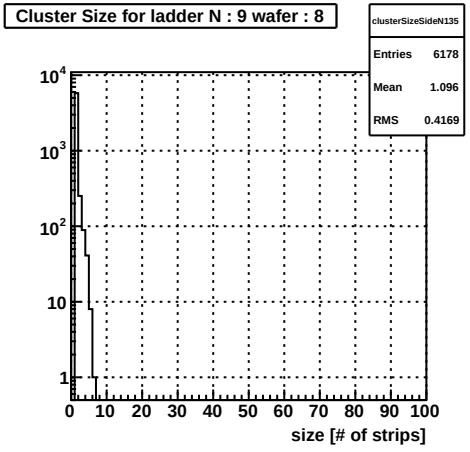

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 5534
Mean 1.056
RMS 0.291
size [# of strips]

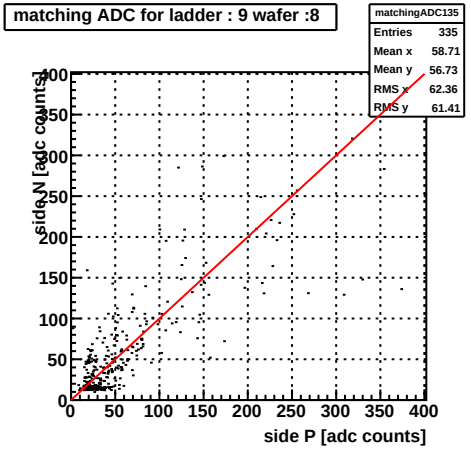

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 782
Mean x 48.75
Mean y 44.49
RMS x 50.83
RMS y 50.26
side N [adc counts]
side P [adc counts]

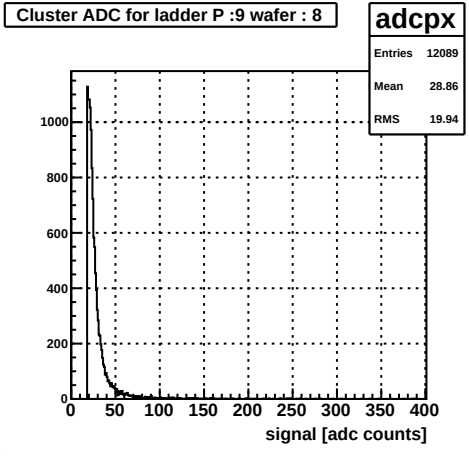

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 14705
Mean 26.63
RMS 20.36
signal [adc counts]

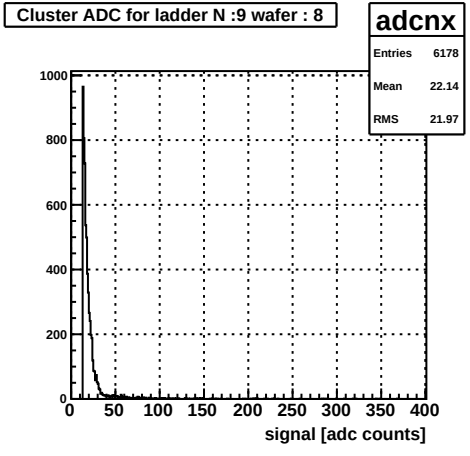

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 5534
Mean 26.33
RMS 27.86
signal [adc counts]

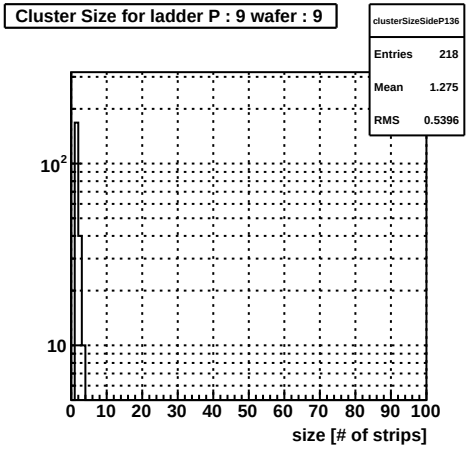

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 12089
Mean 1.041
RMS 0.2299
size [# of strips]

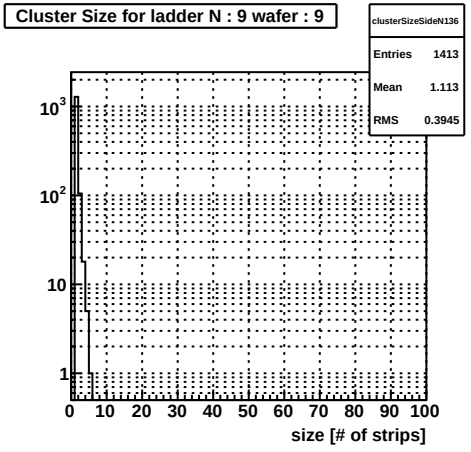

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 6178
Mean 1.096
RMS 0.4169
size [# of strips]

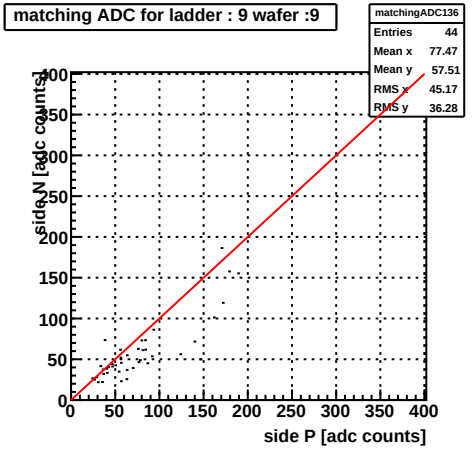

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 335
Mean x 58.71
Mean y 56.73
RMS x 62.36
RMS y 61.41
side N [adc counts]
side P [adc counts]

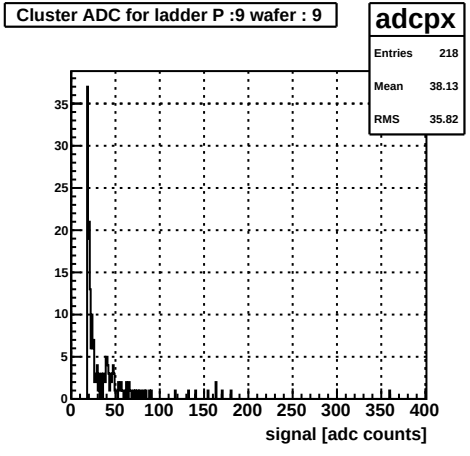

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 12089
Mean 28.86
RMS 19.94
signal [adc counts]

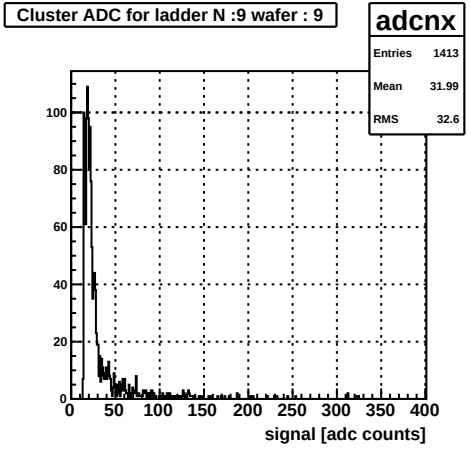

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 6178
Mean 22.14
RMS 21.97
signal [adc counts]

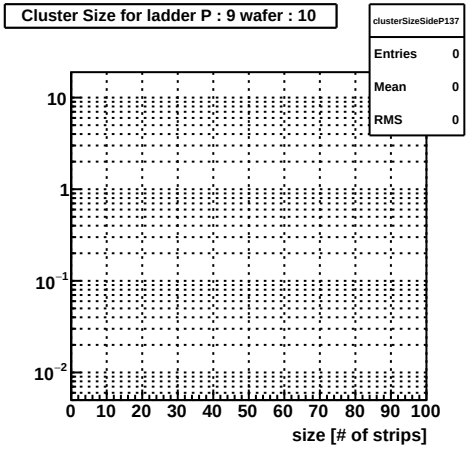

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 218
Mean 1.275
RMS 0.5396
size [# of strips]

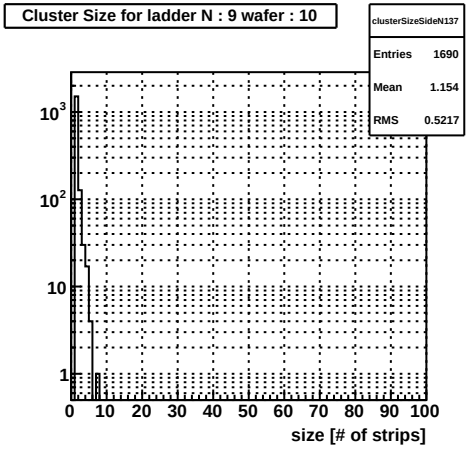

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 1413
Mean 1.113
RMS 0.3945
size [# of strips]

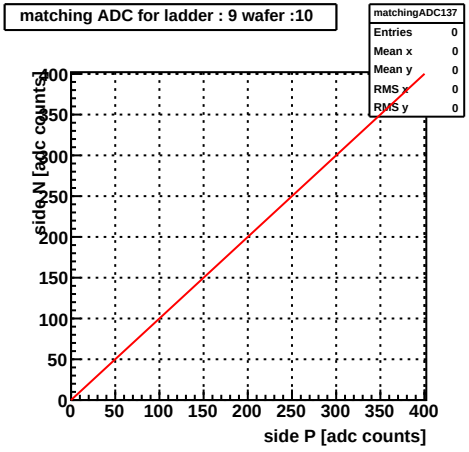

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 44
Mean x 77.47
Mean y 57.51
RMS x 45.17
RMS y 36.28
side N [adc counts]
side P [adc counts]

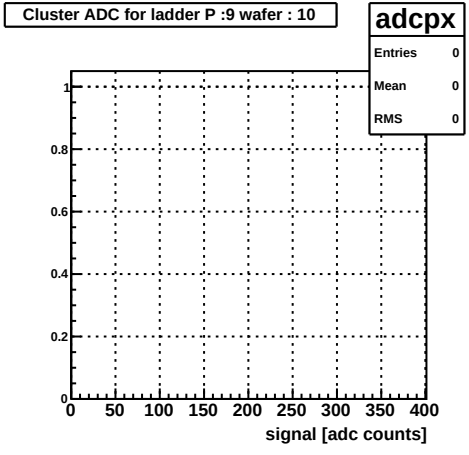

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 218
Mean 38.13
RMS 35.82
signal [adc counts]

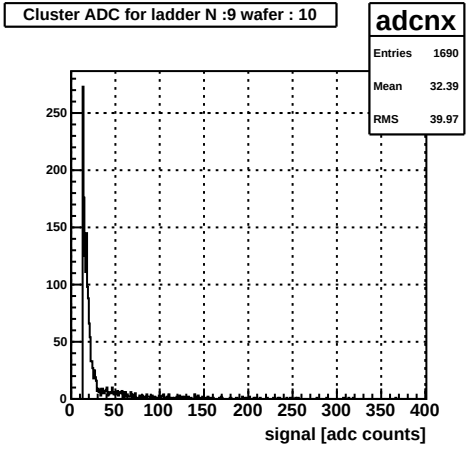

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 1413
Mean 31.99
RMS 32.6
signal [adc counts]

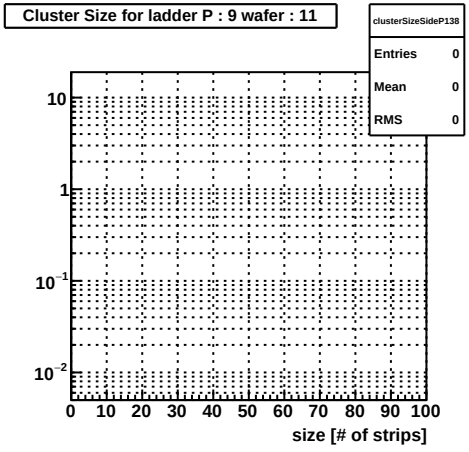

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 0
Mean 0
RMS 0
size [# of strips]

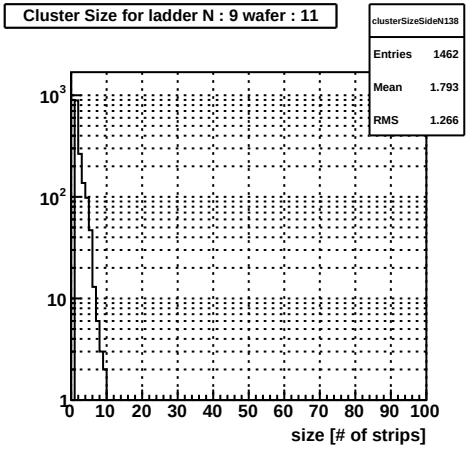

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 1690
Mean 1.154
RMS 0.5217
size [# of strips]

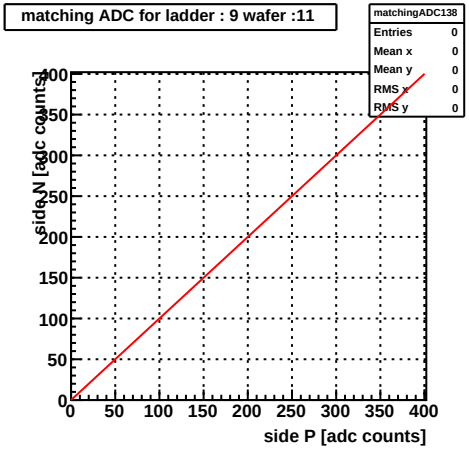

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

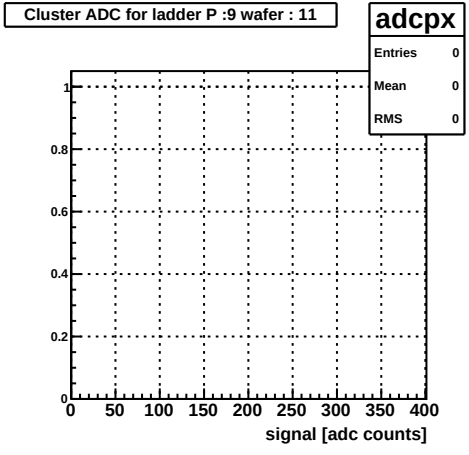

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

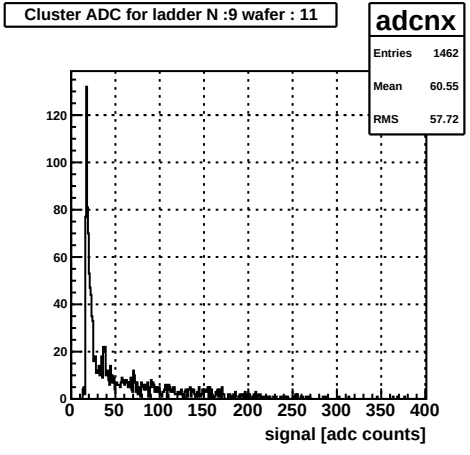

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 1690
Mean 32.39
RMS 39.97
signal [adc counts]

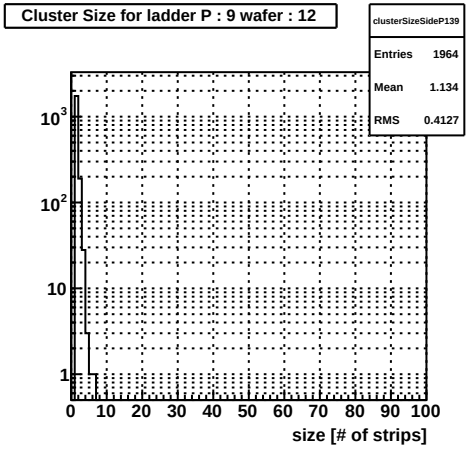

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 0
Mean 0
RMS 0
size [# of strips]

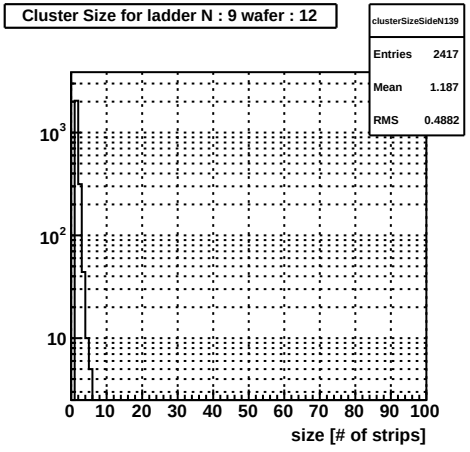

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 1462
Mean 1.793
RMS 1.266
size [# of strips]

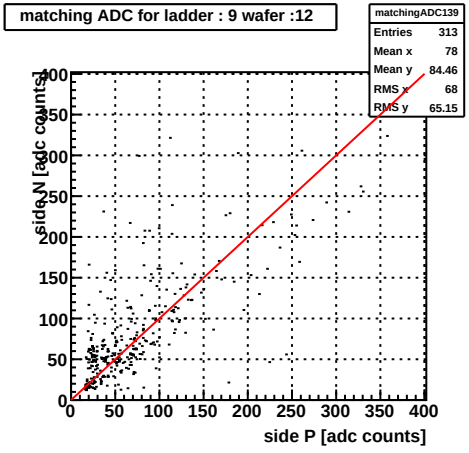

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

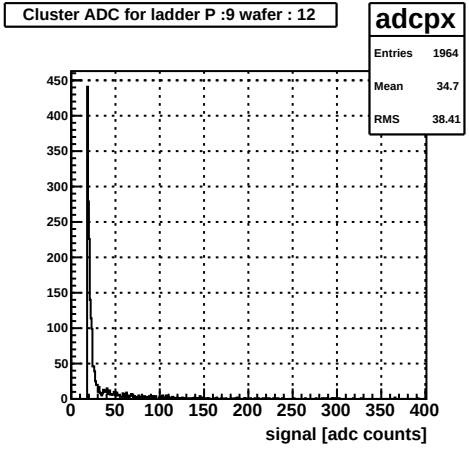

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

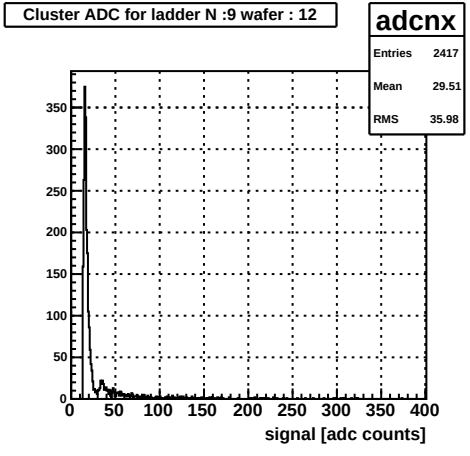

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 1462
Mean 60.55
RMS 57.72
signal [adc counts]

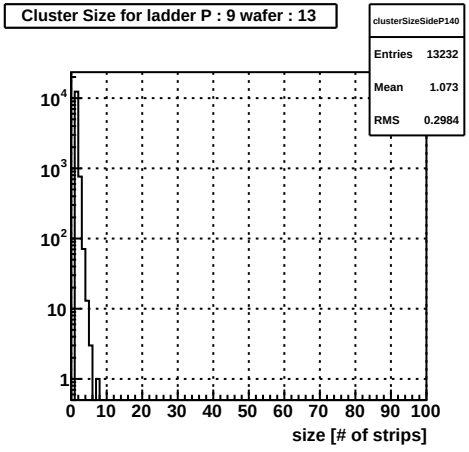

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 1964
Mean 1.134
RMS 0.4127
size [# of strips]

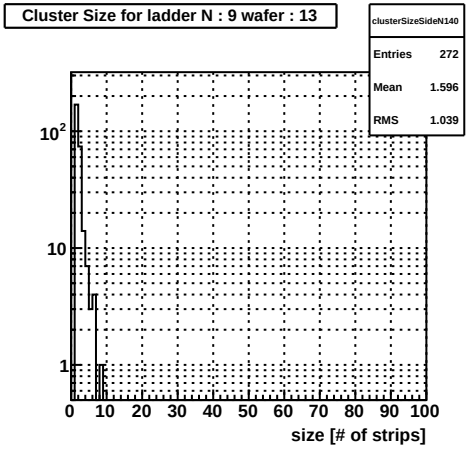

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 2417
Mean 1.187
RMS 0.4882
size [# of strips]

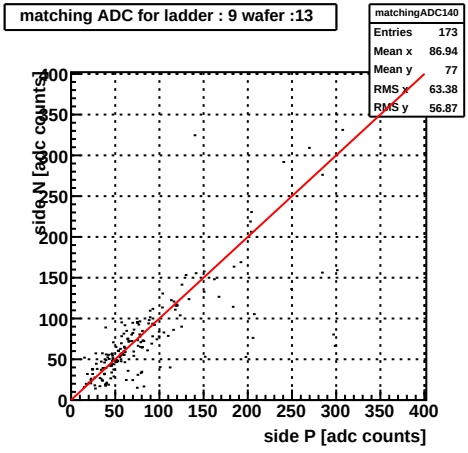

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 313
Mean x 78
Mean y 84.46
RMS x 68
RMS y 65.15
side N [adc counts]
side P [adc counts]

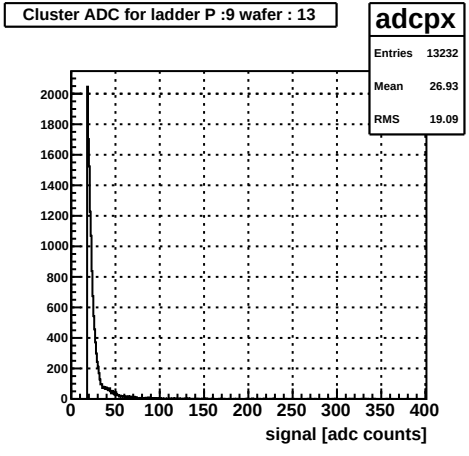

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 1964
Mean 34.7
RMS 38.41
signal [adc counts]

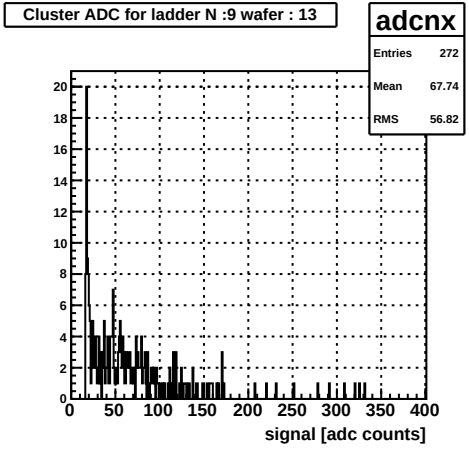

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 2417
Mean 29.51
RMS 35.98
signal [adc counts]

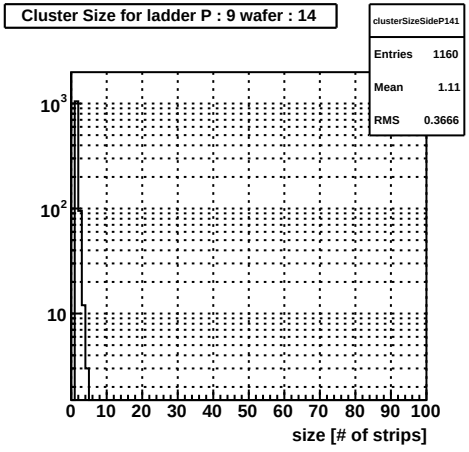

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 13232
Mean 1.073
RMS 0.2984
size [# of strips]

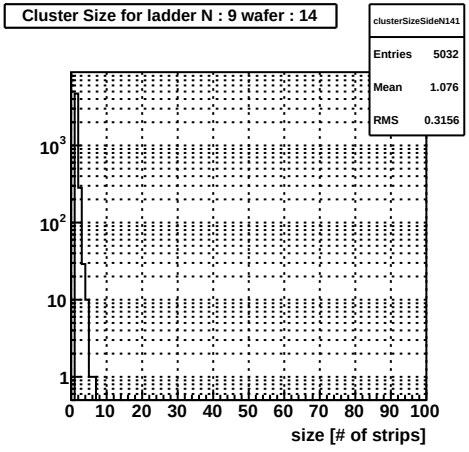

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 272
Mean 1.596
RMS 1.039
size [# of strips]

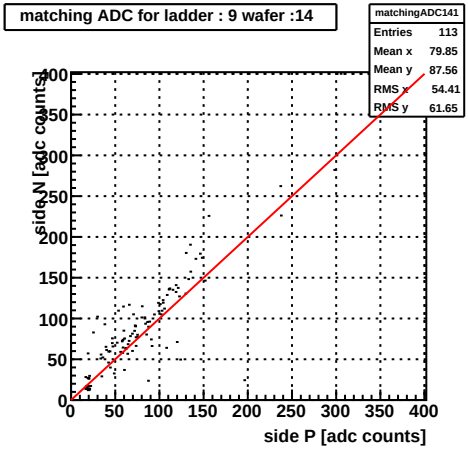

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 173
Mean x 86.94
Mean y 77
RMS x 63.38
RMS y 56.87
side N [adc counts]
side P [adc counts]

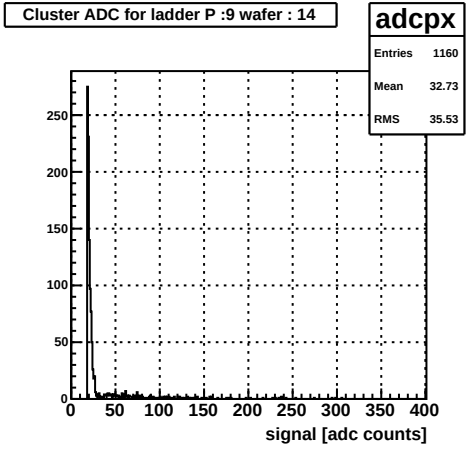

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 13232
Mean 26.93
RMS 19.09
signal [adc counts]

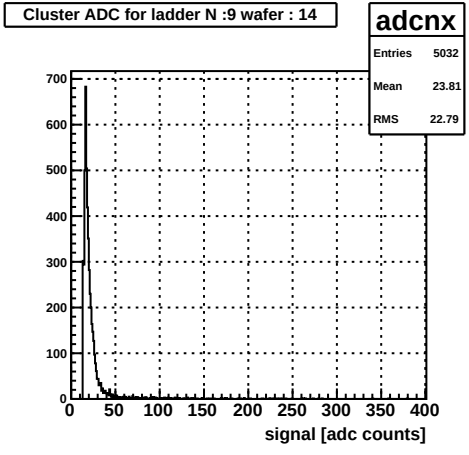

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 272
Mean 67.74
RMS 56.82
signal [adc counts]

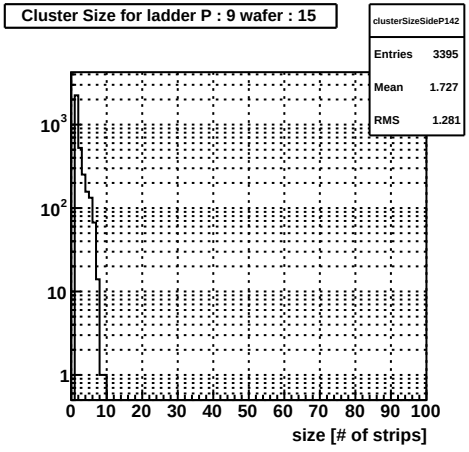

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 1160
Mean 1.11
RMS 0.3666
size [# of strips]

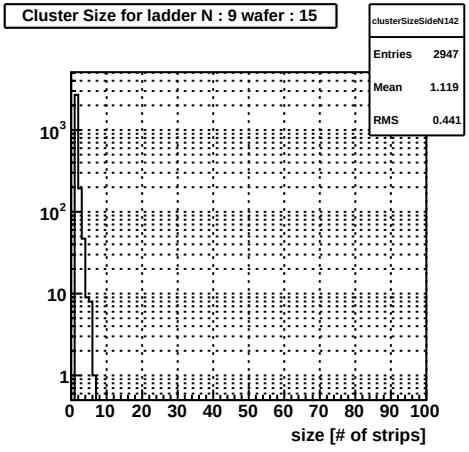

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 5032
Mean 1.076
RMS 0.3156
size [# of strips]

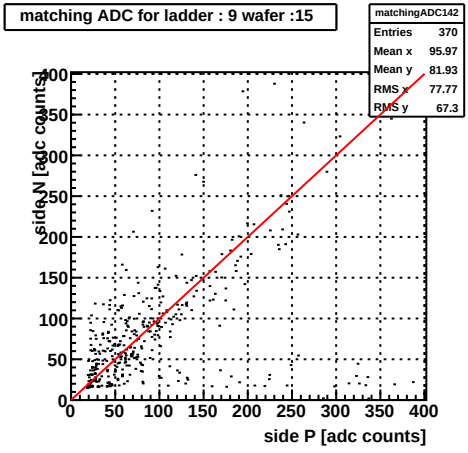

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 113
Mean x 79.85
Mean y 87.56
RMS x 54.41
RMS y 61.65
side N [adc counts]
side P [adc counts]

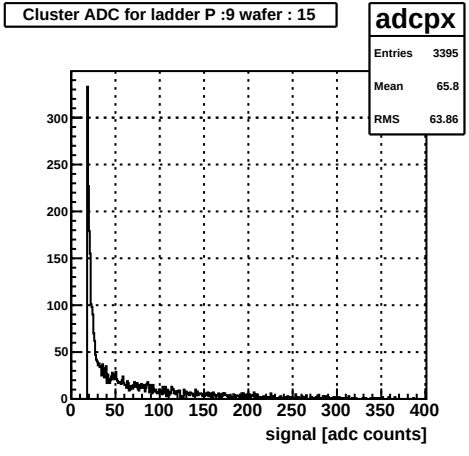

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 1160
Mean 32.73
RMS 35.53
signal [adc counts]

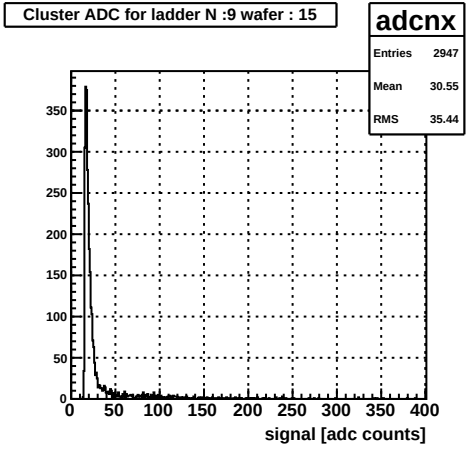

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 5032
Mean 23.81
RMS 22.79
signal [adc counts]

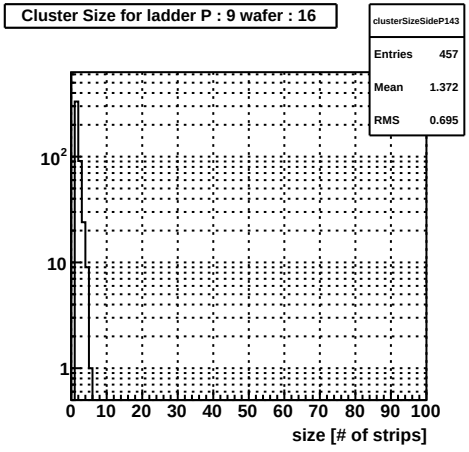

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 3395
Mean 1.727
RMS 1.281
size [# of strips]

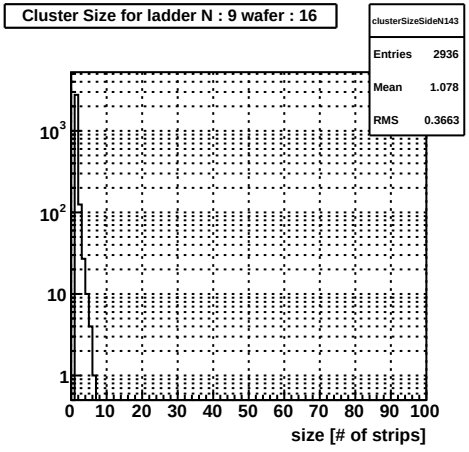

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 2947
Mean 1.119
RMS 0.441
size [# of strips]

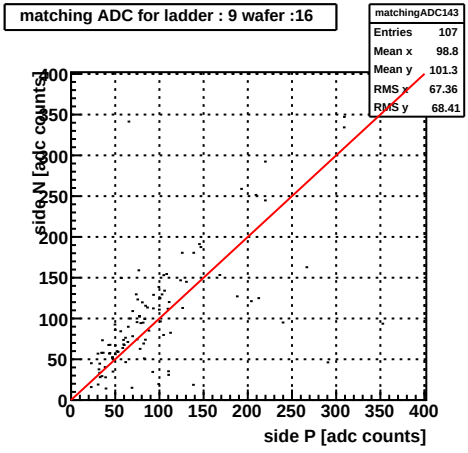

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 370
Mean x 95.97
Mean y 81.93
RMS x 77.77
RMS y 67.3
side N [adc counts]
side P [adc counts]

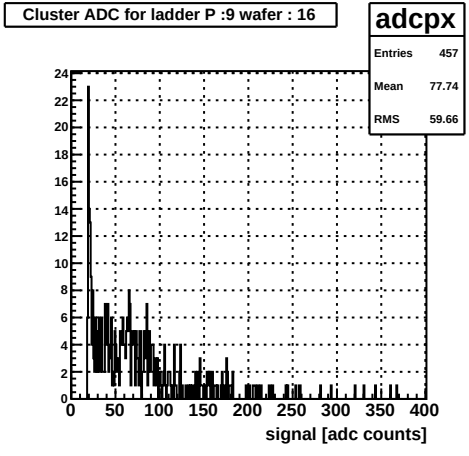

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 3395
Mean 65.8
RMS 63.86
signal [adc counts]

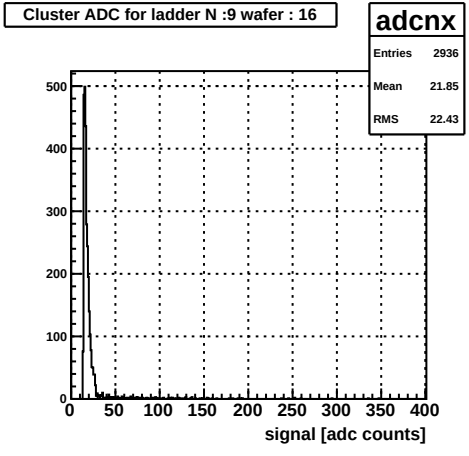

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 2947
Mean 30.55
RMS 35.44
signal [adc counts]

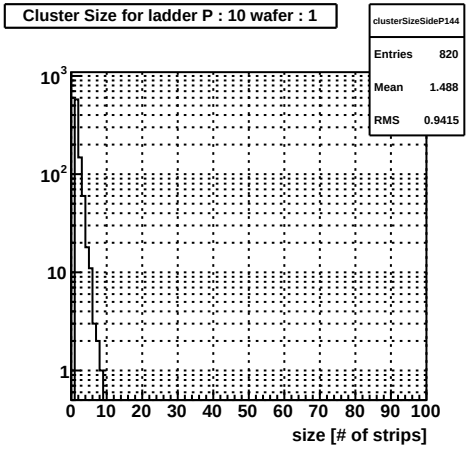

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 457
Mean 1.372
RMS 0.695
size [# of strips]

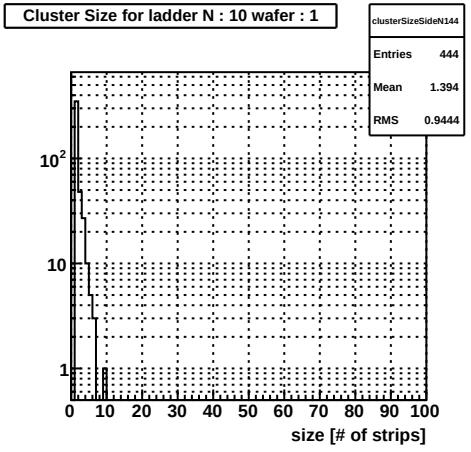

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 2936
Mean 1.078
RMS 0.3663
size [# of strips]

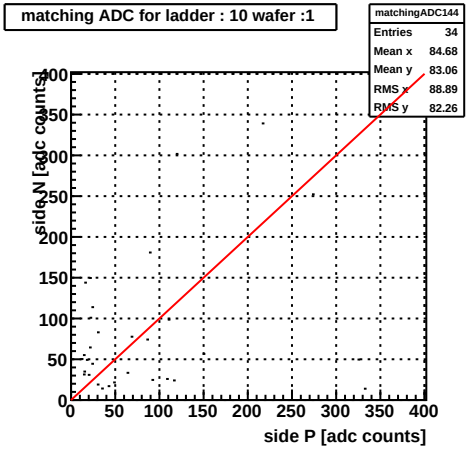

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 107
Mean x 98.8
Mean y 101.3
RMS x 67.36
RMS y 68.41
side N [adc counts]
side P [adc counts]

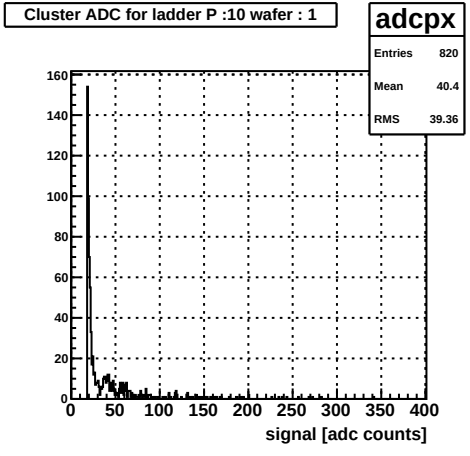

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 457
Mean 77.74
RMS 59.66
signal [adc counts]

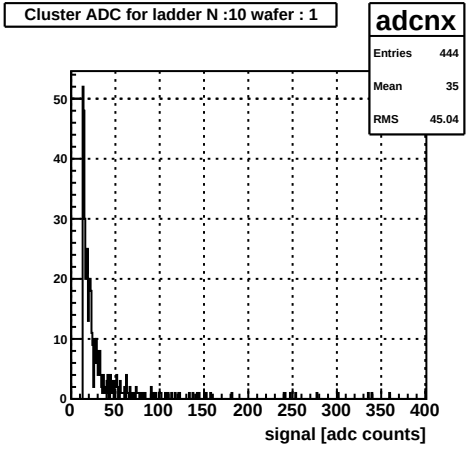

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 2936
Mean 21.85
RMS 22.43
signal [adc counts]

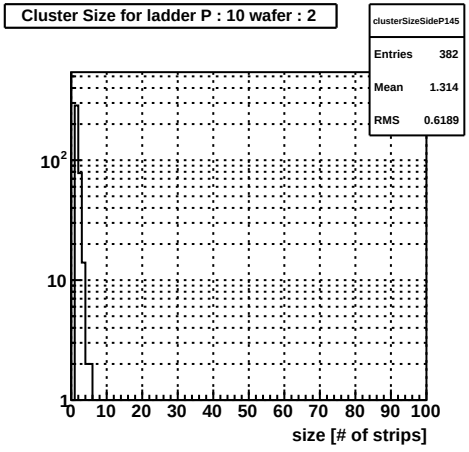

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 820
Mean 1.488
RMS 0.9415
size [# of strips]

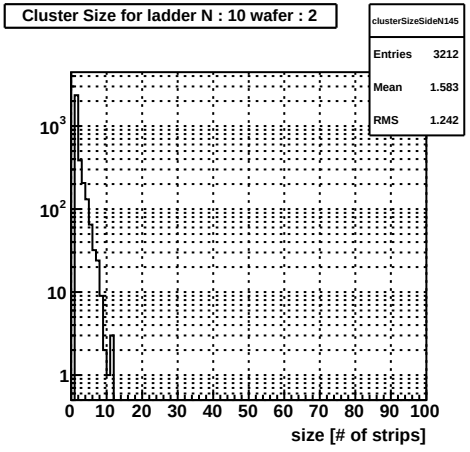

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 444
Mean 1.394
RMS 0.9444
size [# of strips]

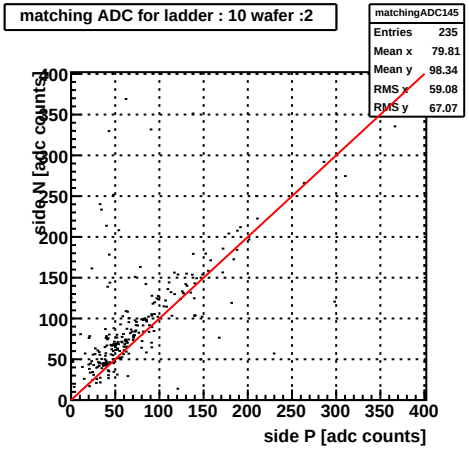

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 34
Mean x 84.68
Mean y 83.06
RMS x 88.89
RMS y 82.26
side N [adc counts]
side P [adc counts]

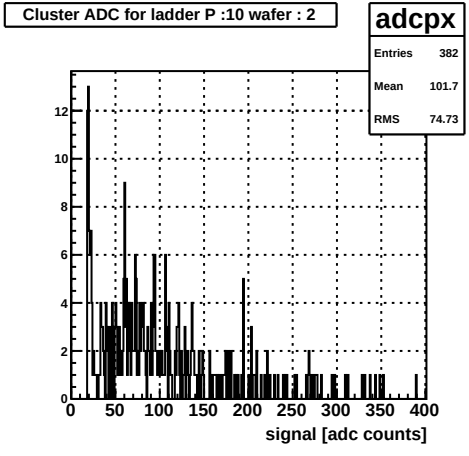

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 820
Mean 40.4
RMS 39.36
signal [adc counts]

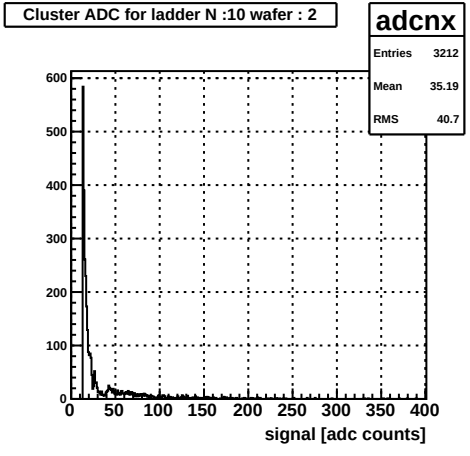

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 444
Mean 35
RMS 45.04
signal [adc counts]

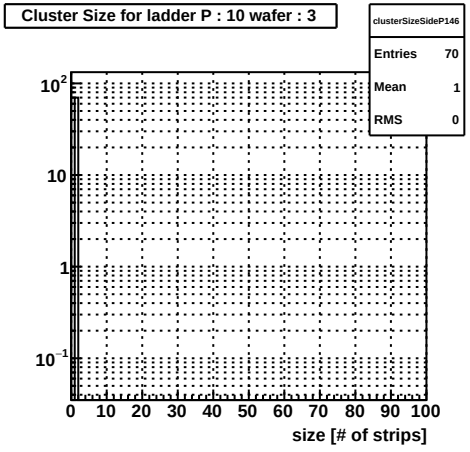

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 382
Mean 1.314
RMS 0.6189
size [# of strips]

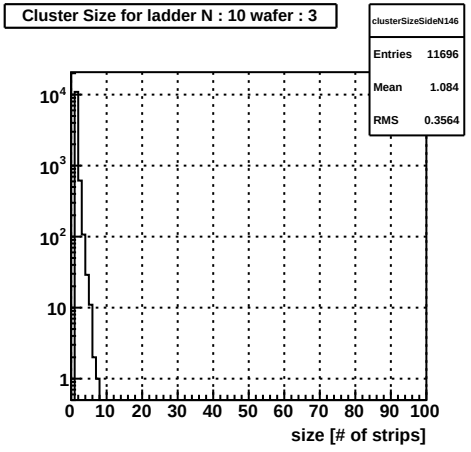

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 3212
Mean 1.583
RMS 1.242
size [# of strips]

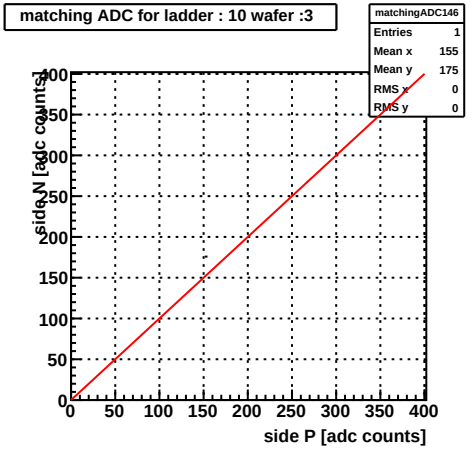

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 235
Mean x 79.81
Mean y 98.34
RMS x 59.08
RMS y 67.07
side N [adc counts]
side P [adc counts]

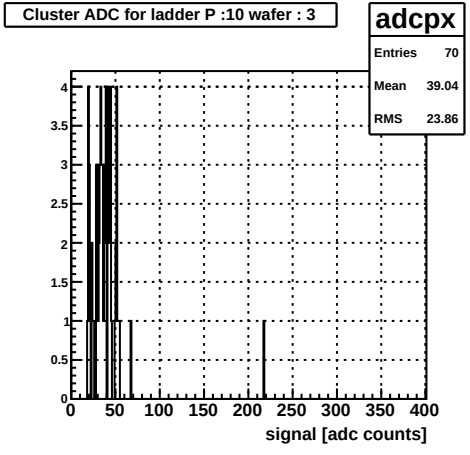

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 382
Mean 101.7
RMS 74.73
signal [adc counts]

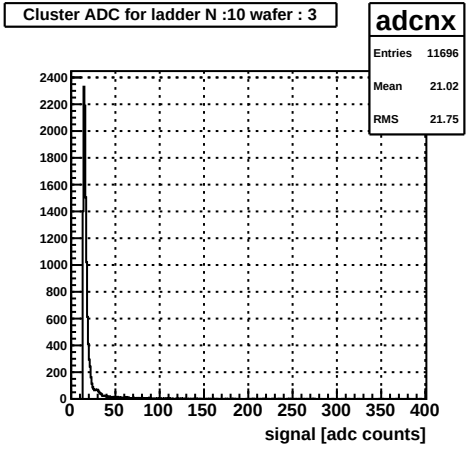

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 3212
Mean 35.19
RMS 40.7
signal [adc counts]

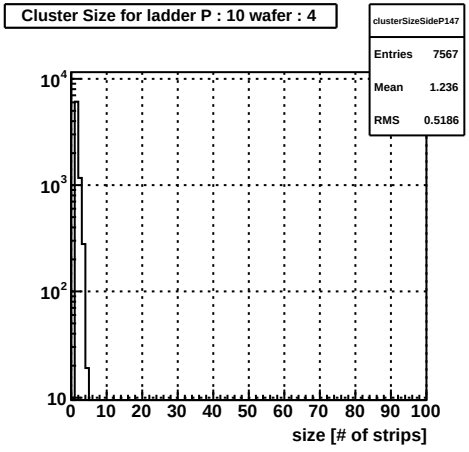

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 70
Mean 1
RMS 0
size [# of strips]

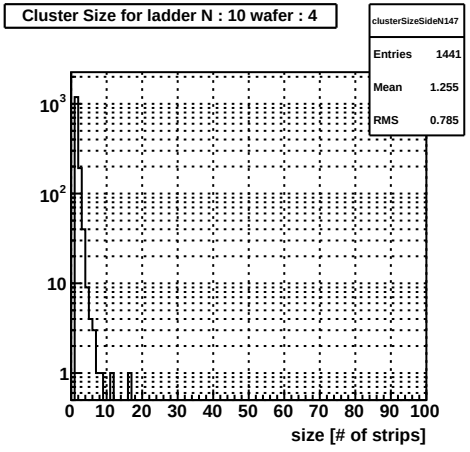

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 11696
Mean 1.084
RMS 0.3564
size [# of strips]

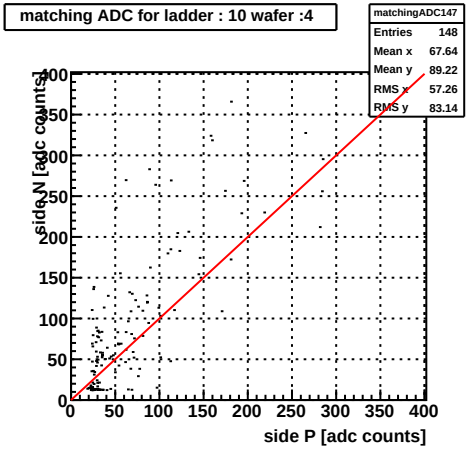

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 1
Mean x 155
Mean y 175
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

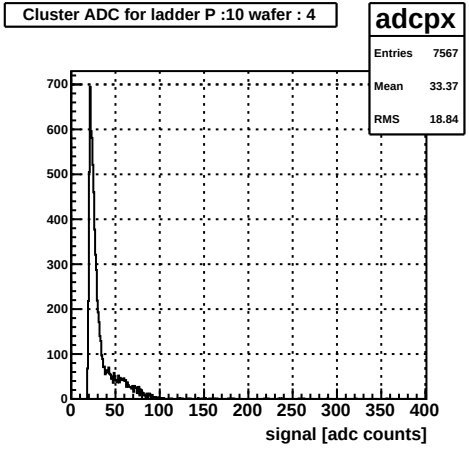

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 70
Mean 39.04
RMS 23.86
signal [adc counts]

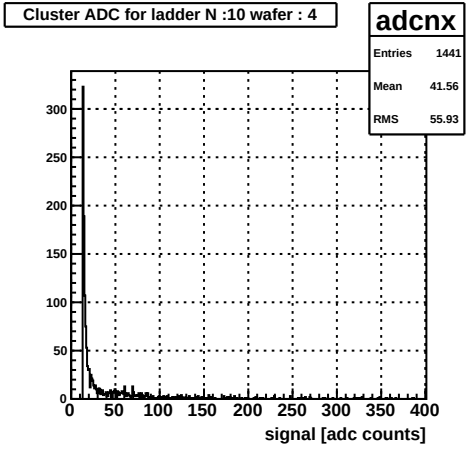

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 11696
Mean 21.02
RMS 21.75
signal [adc counts]

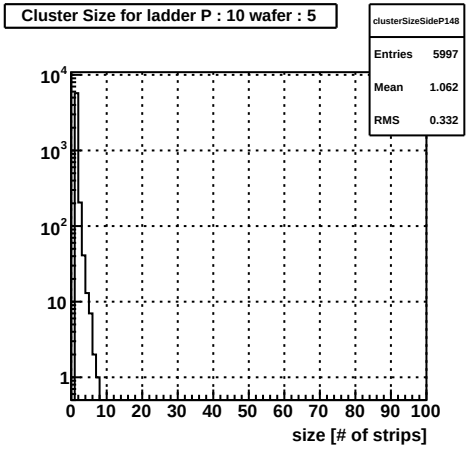

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 7567
Mean 1.236
RMS 0.5186
size [# of strips]

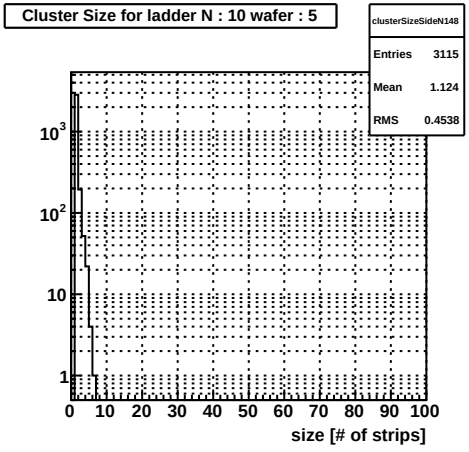

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 1441
Mean 1.255
RMS 0.785
size [# of strips]

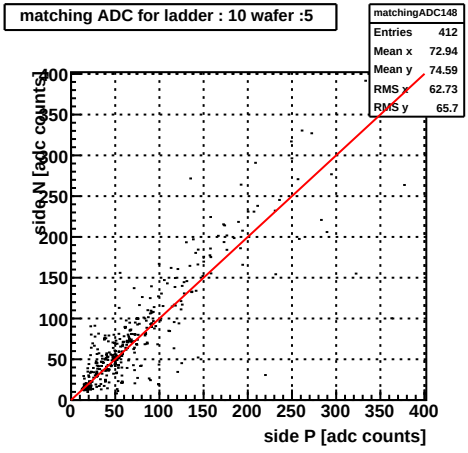

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 148
Mean x 67.64
Mean y 89.22
RMS x 57.26
RMS y 83.14
side N [adc counts]
side P [adc counts]

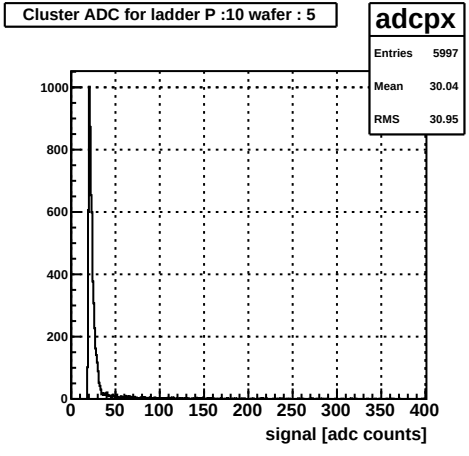

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 7567
Mean 33.37
RMS 18.84
signal [adc counts]

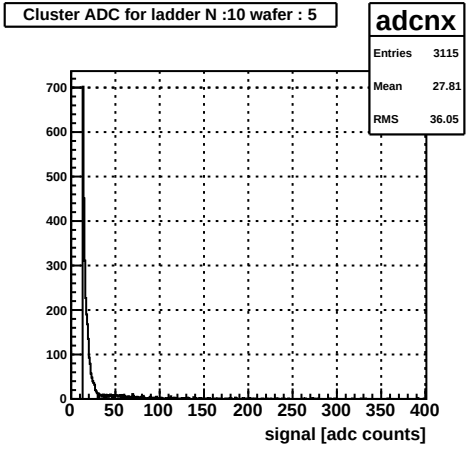

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 1441
Mean 41.56
RMS 55.93
signal [adc counts]

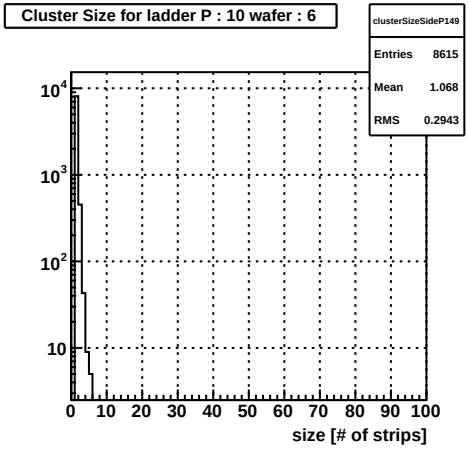

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 5997
Mean 1.062
RMS 0.332
size [# of strips]

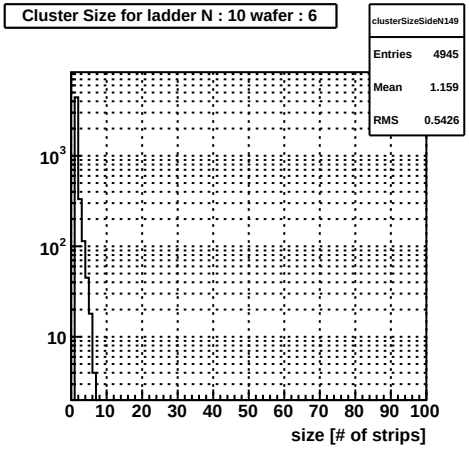

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 3115
Mean 1.124
RMS 0.4538
size [# of strips]

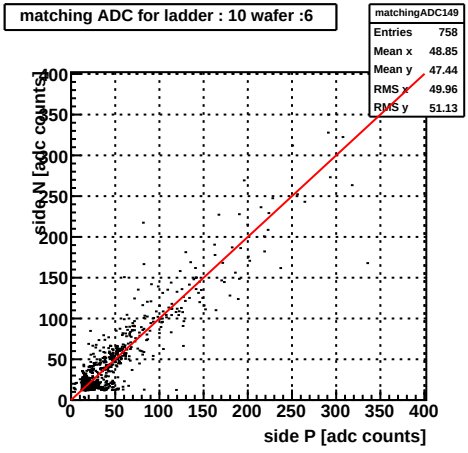

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 412
Mean x 72.94
Mean y 74.59
RMS x 62.73
RMS y 65.7
side N [adc counts]
side P [adc counts]

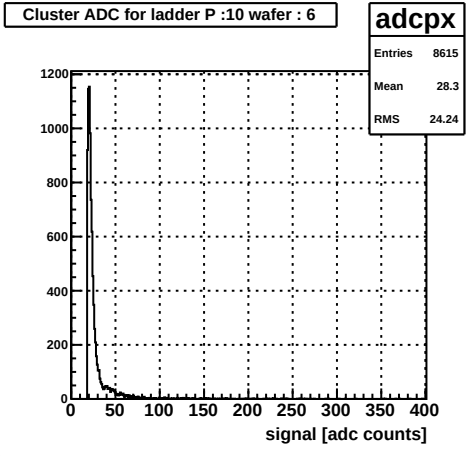

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 5997
Mean 30.04
RMS 30.95
signal [adc counts]

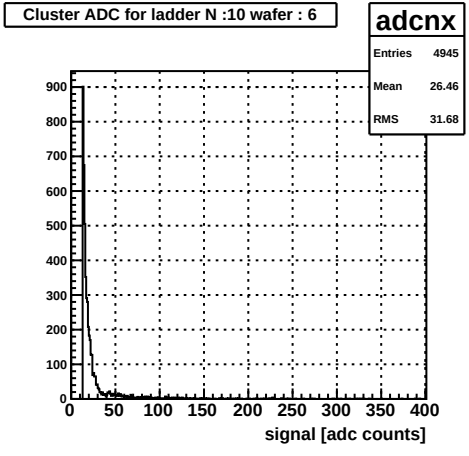

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 3115
Mean 27.81
RMS 36.05
signal [adc counts]

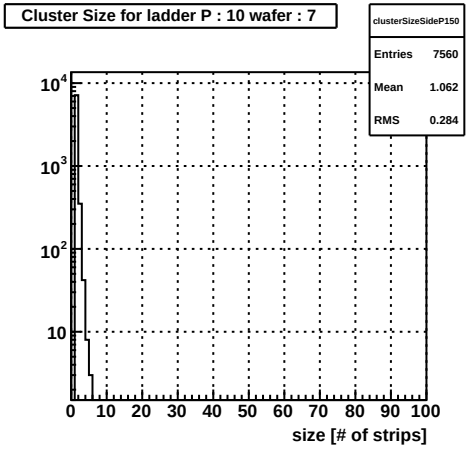

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 8615
Mean 1.068
RMS 0.2943
size [# of strips]

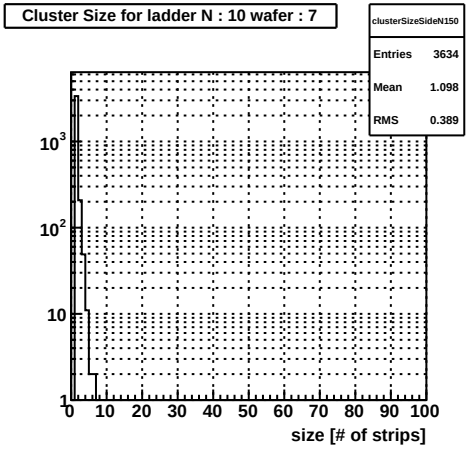

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 4945
Mean 1.159
RMS 0.5426
size [# of strips]

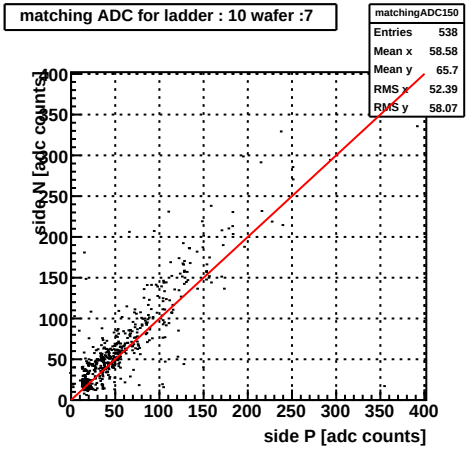

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 758
Mean x 48.85
Mean y 47.44
RMS x 49.96
RMS y 51.13
side N [adc counts]
side P [adc counts]

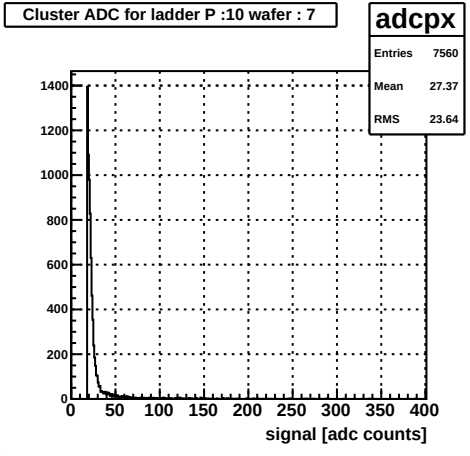

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 8615
Mean 28.3
RMS 24.24
signal [adc counts]

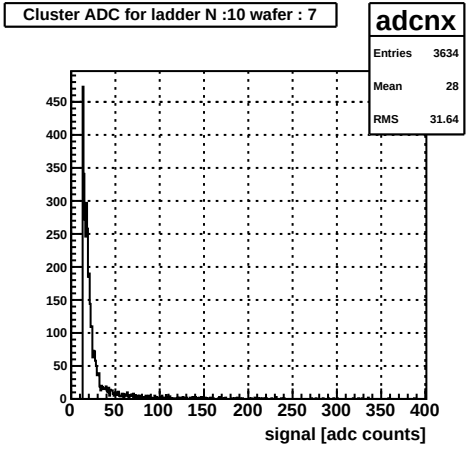

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 4945
Mean 26.46
RMS 31.68
signal [adc counts]

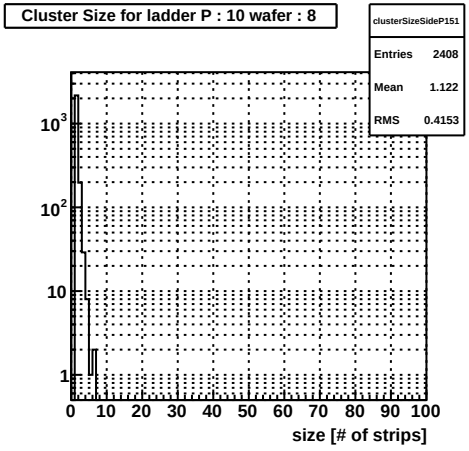

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 7560
Mean 1.062
RMS 0.284
size [# of strips]

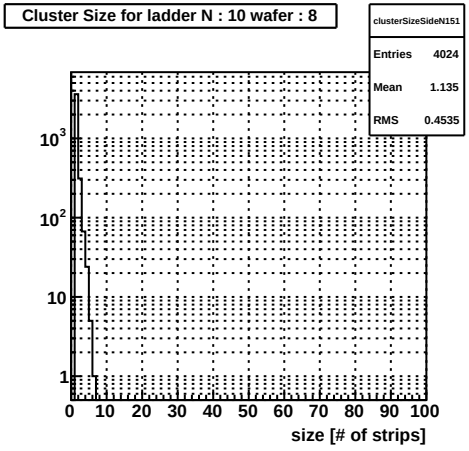

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 3634
Mean 1.098
RMS 0.389
size [# of strips]

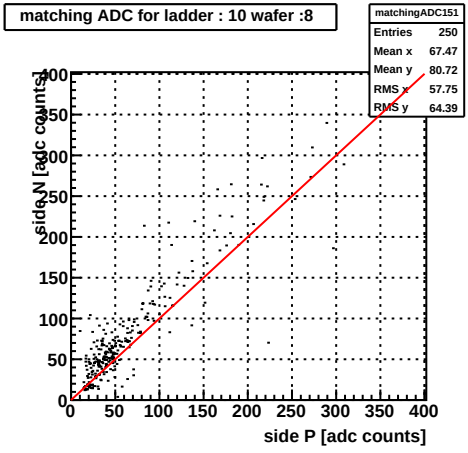

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 538
Mean x 58.58
Mean y 65.7
RMS x 52.39
RMS y 58.07
side N [adc counts]
side P [adc counts]

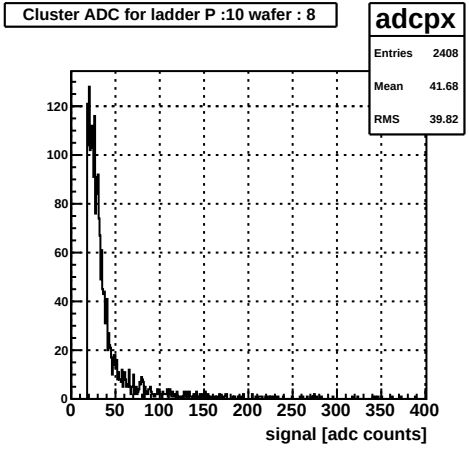

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 7560
Mean 27.37
RMS 23.64
signal [adc counts]

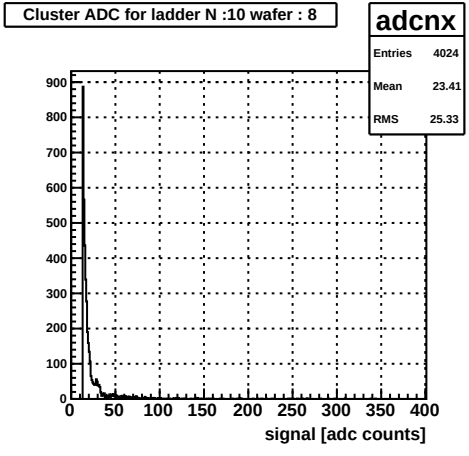

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 3634
Mean 28
RMS 31.64
signal [adc counts]

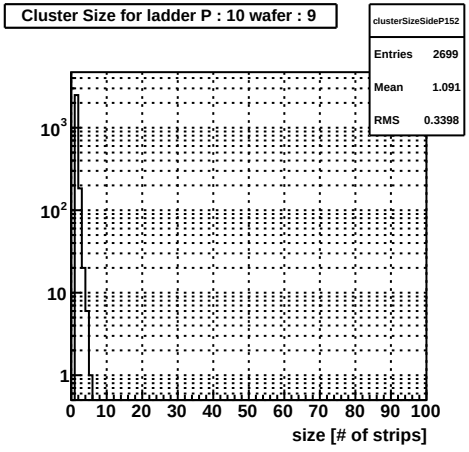

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 2408
Mean 1.122
RMS 0.4153
size [# of strips]

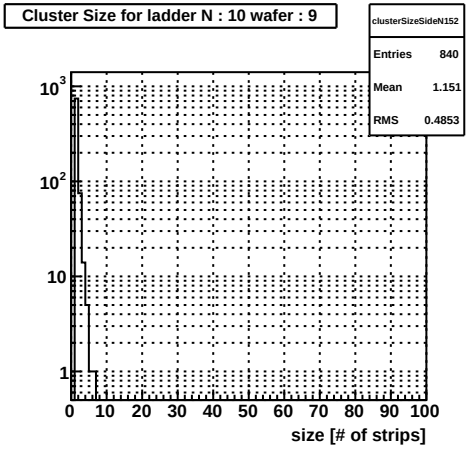

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 4024
Mean 1.135
RMS 0.4535
size [# of strips]

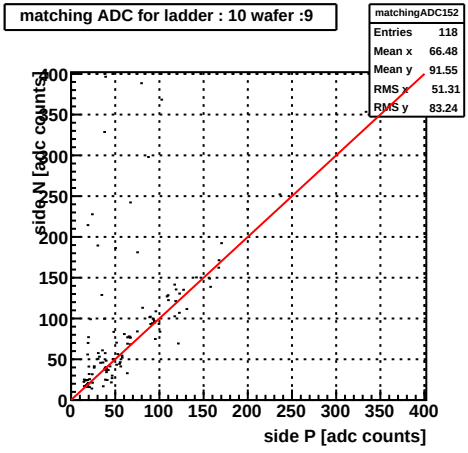

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 250
Mean x 67.47
Mean y 80.72
RMS x 57.75
RMS y 64.39
side N [adc counts]
side P [adc counts]

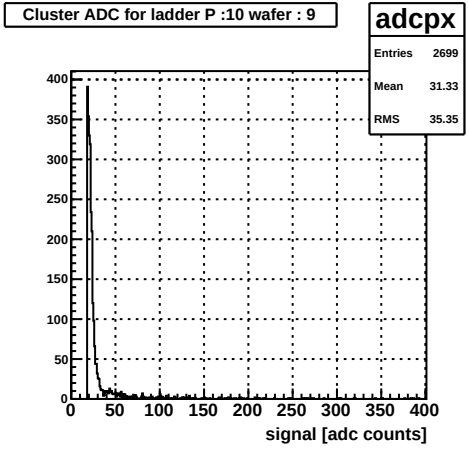

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 2408
Mean 41.68
RMS 39.82
signal [adc counts]

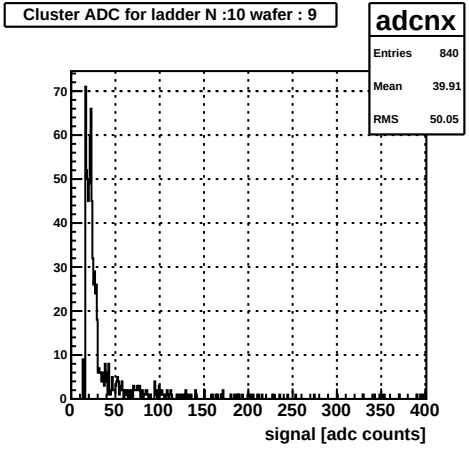

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 4024
Mean 23.41
RMS 25.33
signal [adc counts]

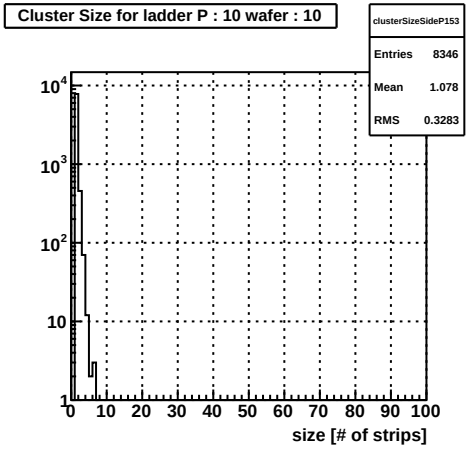

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 2699
Mean 1.091
RMS 0.3398
size [# of strips]

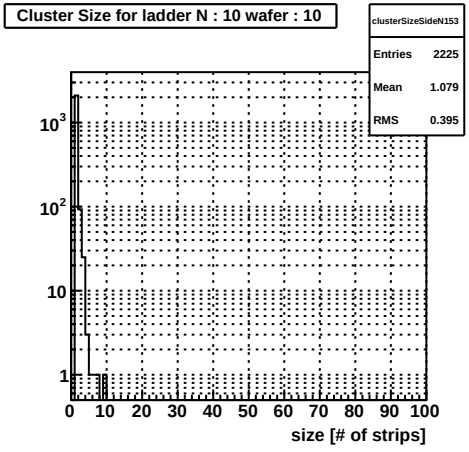

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 840
Mean 1.151
RMS 0.4853
size [# of strips]

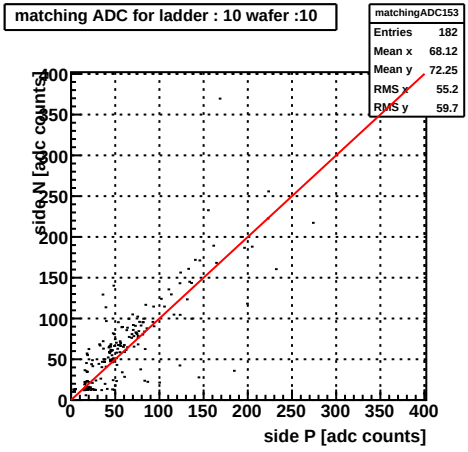

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 118
Mean x 66.48
Mean y 91.55
RMS x 51.31
RMS y 83.24
side N [adc counts]
side P [adc counts]

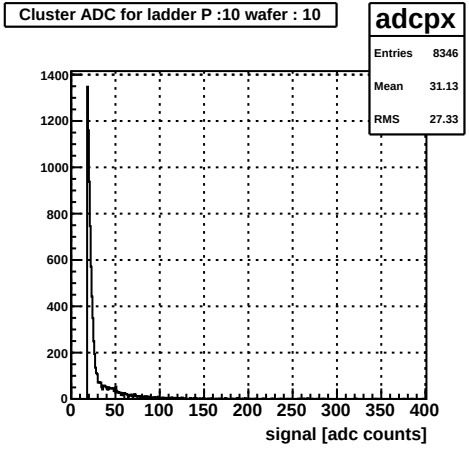

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 2699
Mean 31.33
RMS 35.35
signal [adc counts]

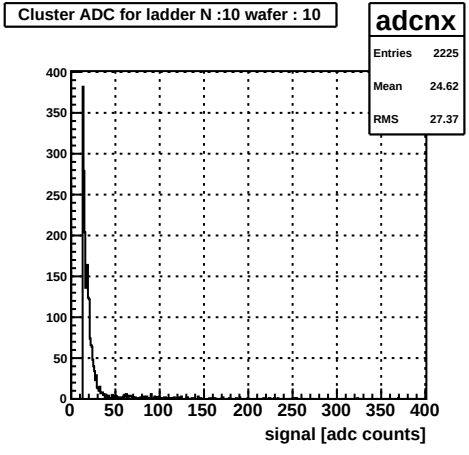

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 840
Mean 39.91
RMS 50.05
signal [adc counts]

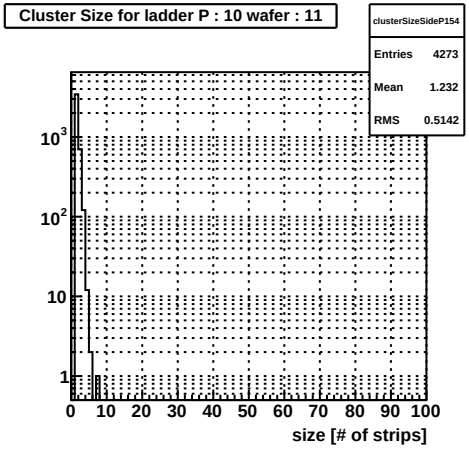

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 8346
Mean 1.078
RMS 0.3283
size [# of strips]

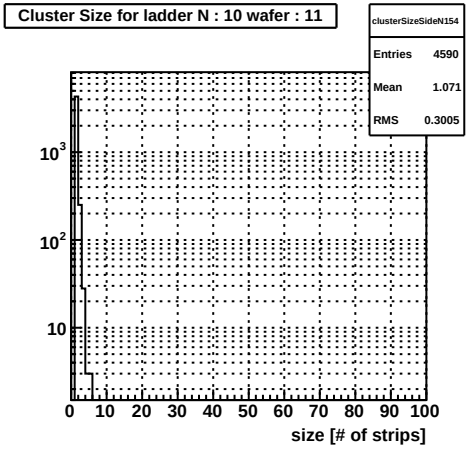

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 2225
Mean 1.079
RMS 0.395
size [# of strips]

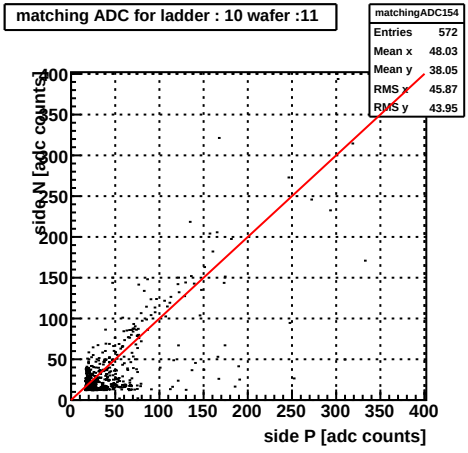

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 182
Mean x 68.12
Mean y 72.25
RMS x 55.2
RMS y 59.7
side N [adc counts]
side P [adc counts]

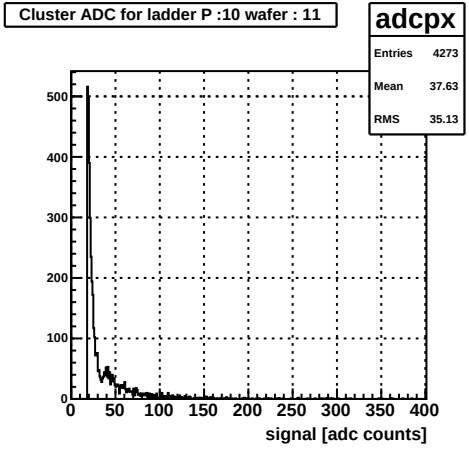

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 8346
Mean 31.13
RMS 27.33
signal [adc counts]

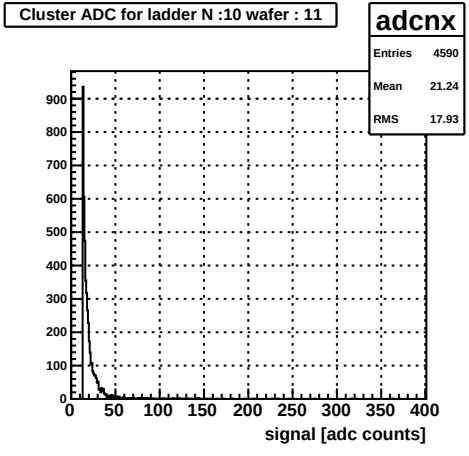

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 2225
Mean 24.62
RMS 27.37
signal [adc counts]

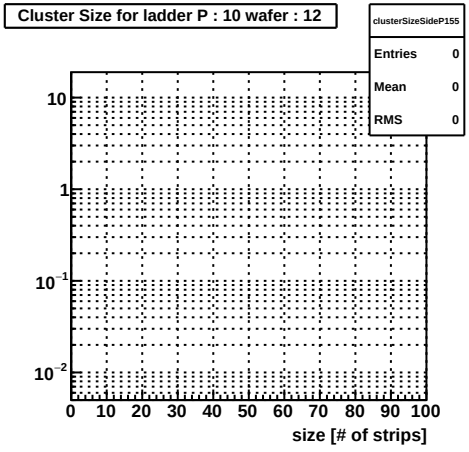

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 4273
Mean 1.232
RMS 0.5142
size [# of strips]

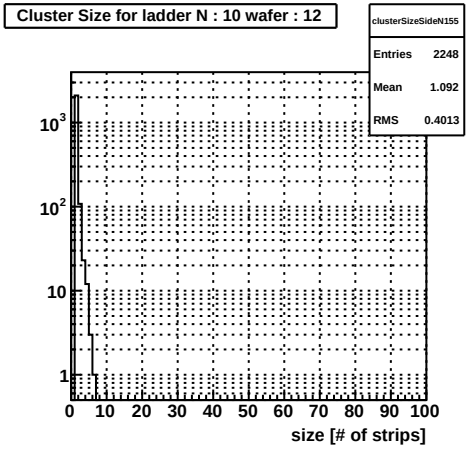

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 4590
Mean 1.071
RMS 0.3005
size [# of strips]

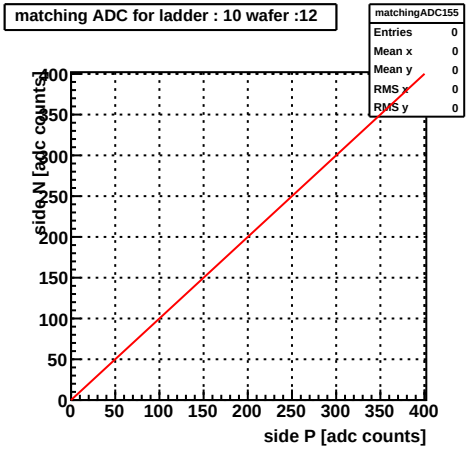

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 572
Mean x 48.03
Mean y 38.05
RMS x 45.87
RMS y 43.95
side N [adc counts]
side P [adc counts]

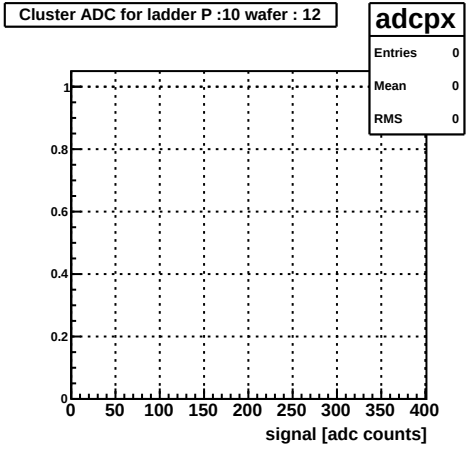

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 4273
Mean 37.63
RMS 35.13
signal [adc counts]

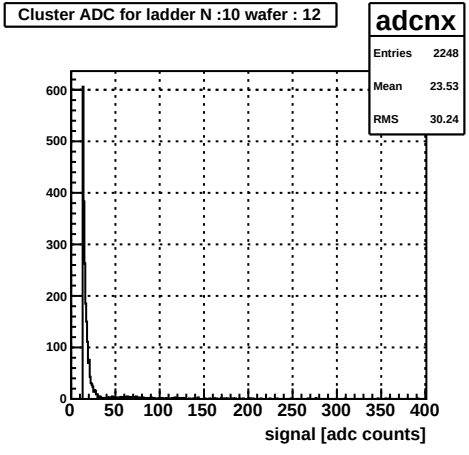

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 4590
Mean 21.24
RMS 17.93
signal [adc counts]

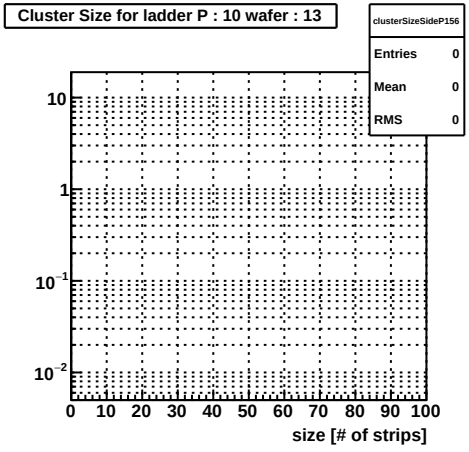

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 0
Mean 0
RMS 0
size [# of strips]

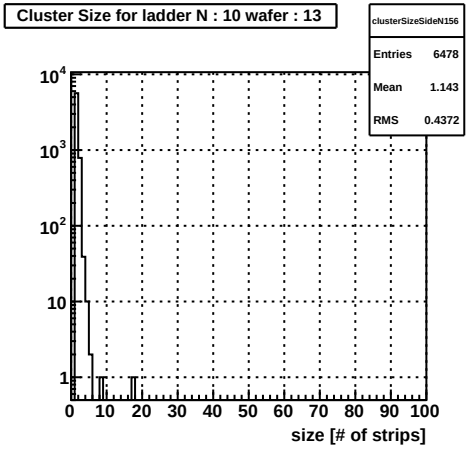

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 2248
Mean 1.092
RMS 0.4013
size [# of strips]

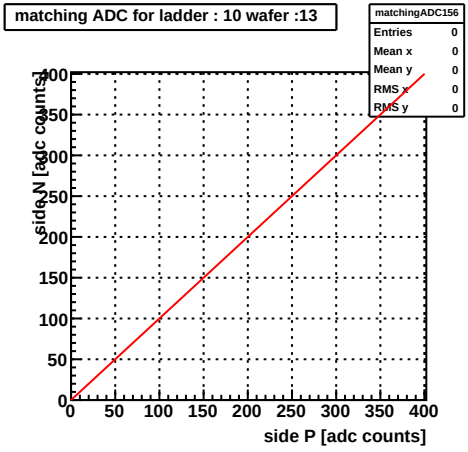

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

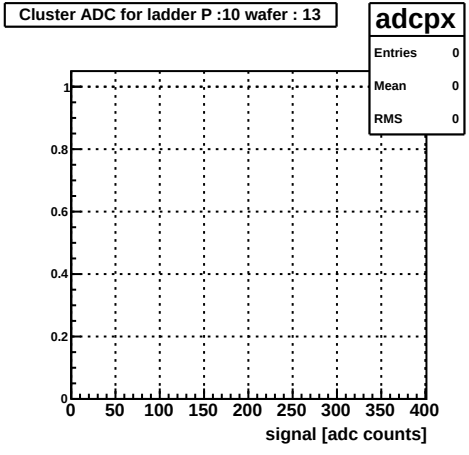

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

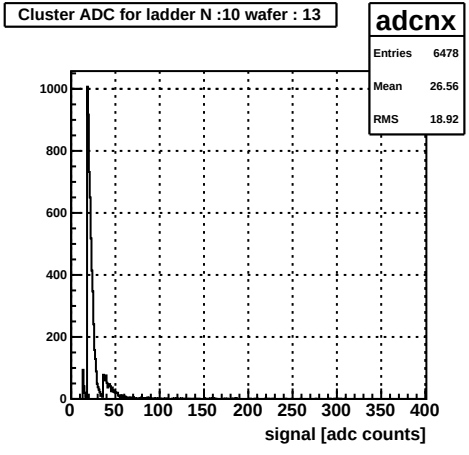

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 2248
Mean 23.53
RMS 30.24
signal [adc counts]

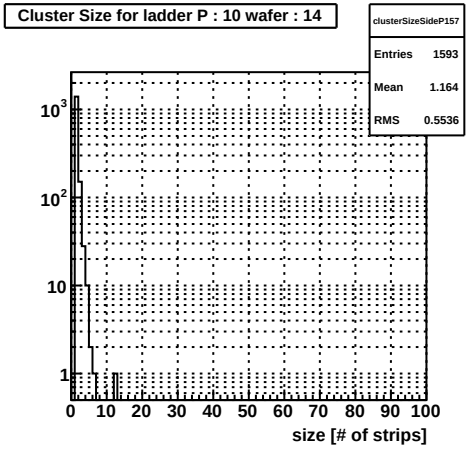

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

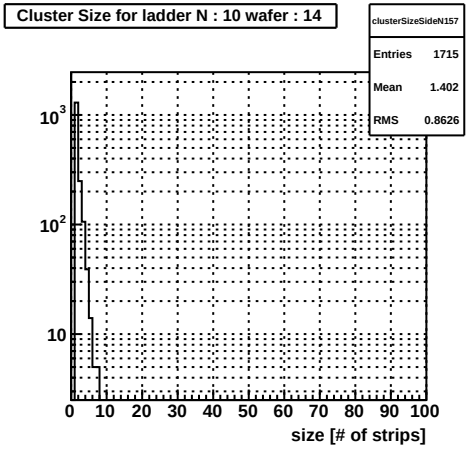

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 6478
Mean 1.143
RMS 0.4372
size [# of strips]

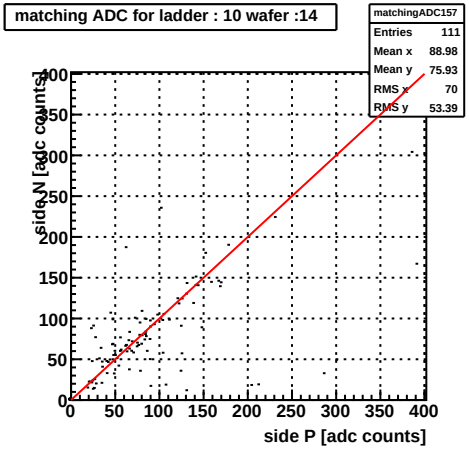

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

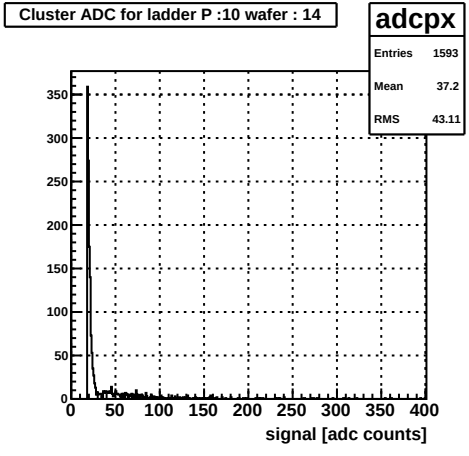

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

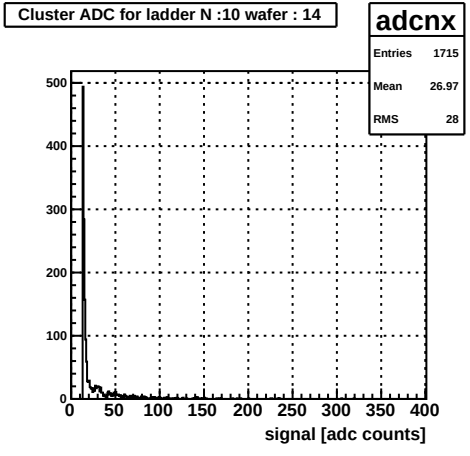

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 6478
Mean 26.56
RMS 18.92
signal [adc counts]

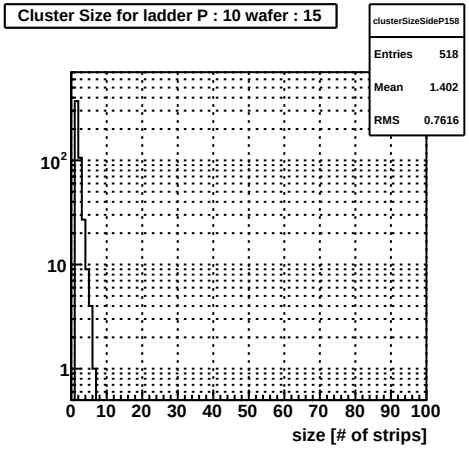

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 1593
Mean 1.164
RMS 0.5536
size [# of strips]

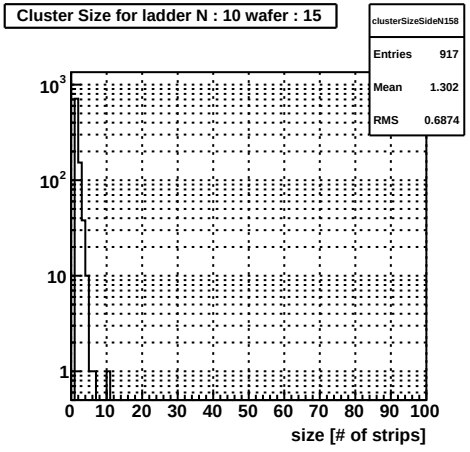

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 1715
Mean 1.402
RMS 0.8626
size [# of strips]

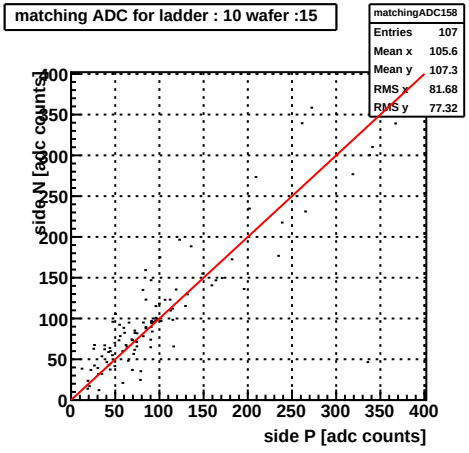

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 111
Mean x 88.98
Mean y 75.93
RMS x 70
RMS y 53.39
side N [adc counts]
side P [adc counts]

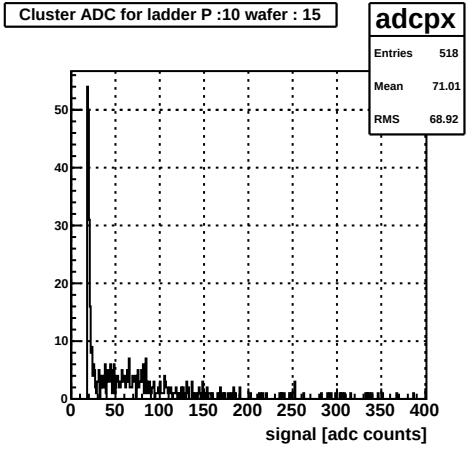

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 1593
Mean 37.2
RMS 43.11
signal [adc counts]

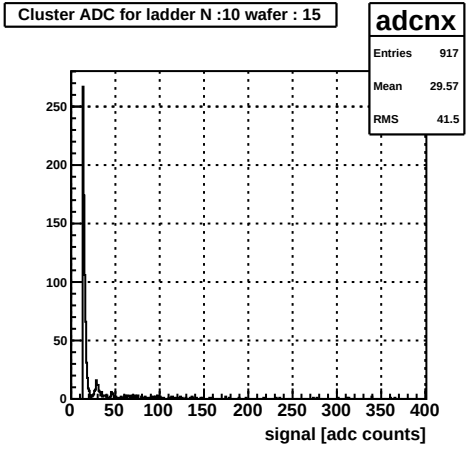

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 1715
Mean 26.97
RMS 28
signal [adc counts]

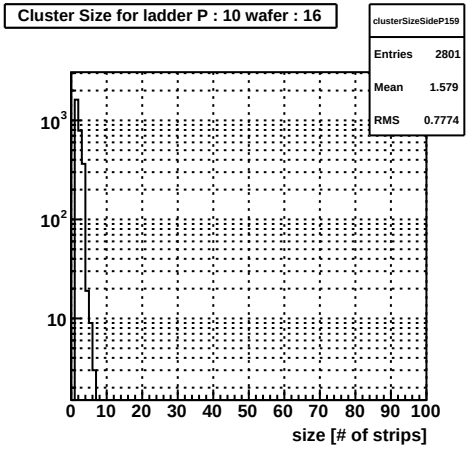

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 518
Mean 1.402
RMS 0.7616
size [# of strips]

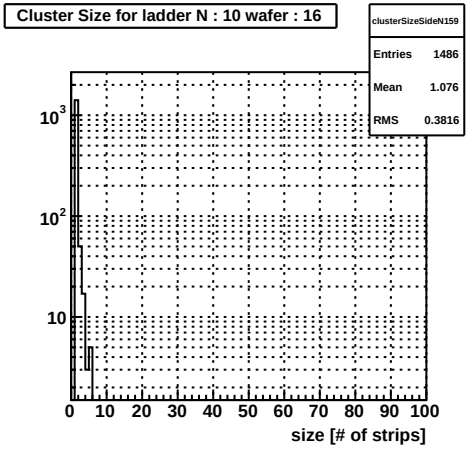

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 917
Mean 1.302
RMS 0.6874
size [# of strips]

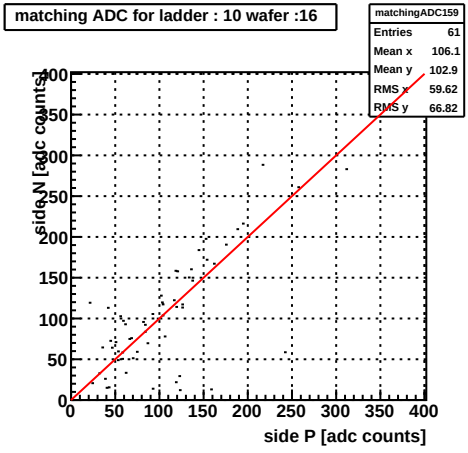

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 107
Mean x 105.6
Mean y 107.3
RMS x 81.68
RMS y 77.32
side N [adc counts]
side P [adc counts]

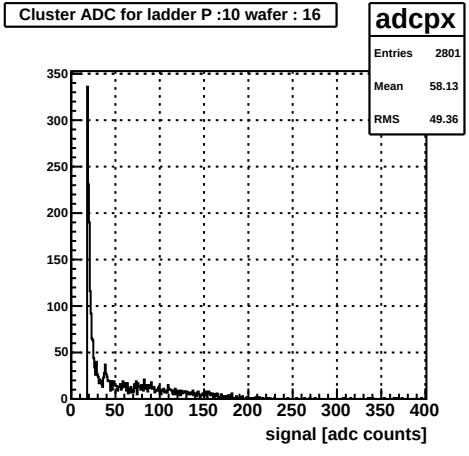

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 518
Mean 71.01
RMS 68.92
signal [adc counts]

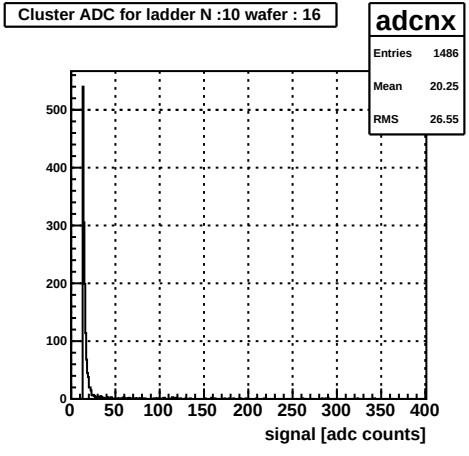

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 917
Mean 29.57
RMS 41.5
signal [adc counts]

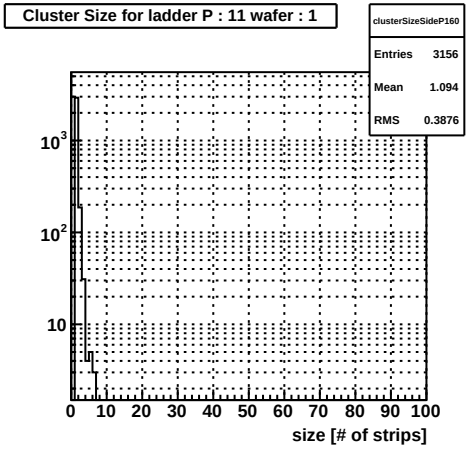

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 2801
Mean 1.579
RMS 0.7774
size [# of strips]

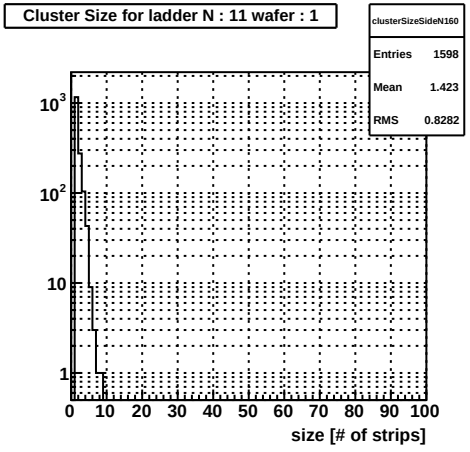

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 1486
Mean 1.076
RMS 0.3816
size [# of strips]

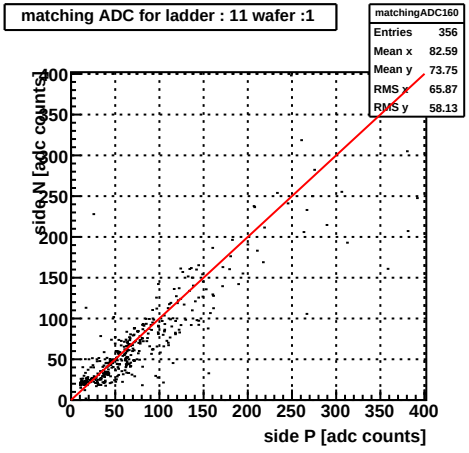

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 61
Mean x 106.1
Mean y 102.9
RMS x 59.62
RMS y 66.82
side N [adc counts]
side P [adc counts]

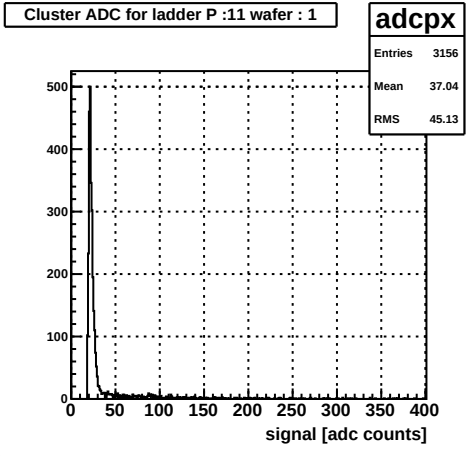

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 2801
Mean 58.13
RMS 49.36
signal [adc counts]

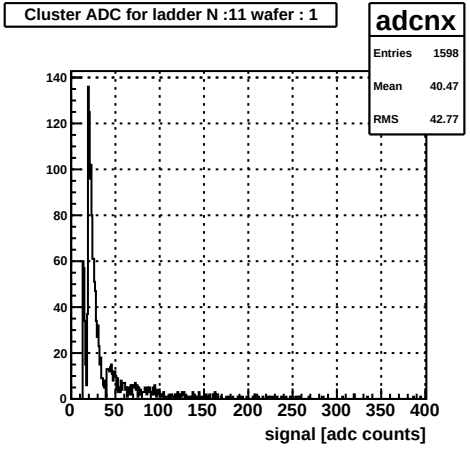

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 1486
Mean 20.25
RMS 26.55
signal [adc counts]

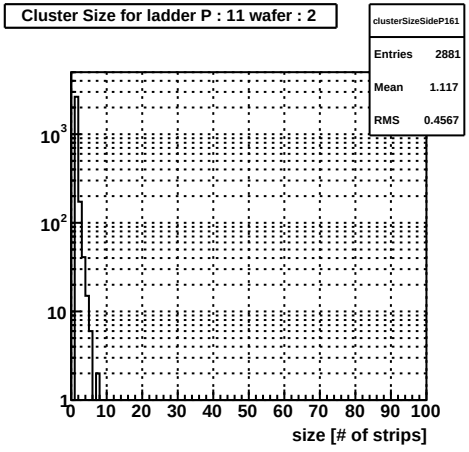

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 3156
Mean 1.094
RMS 0.3876
size [# of strips]

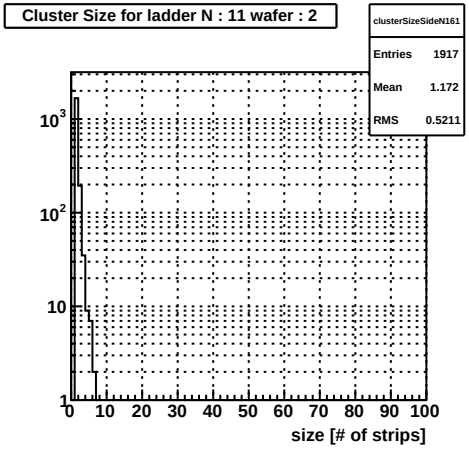

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 1598
Mean 1.423
RMS 0.8282
size [# of strips]

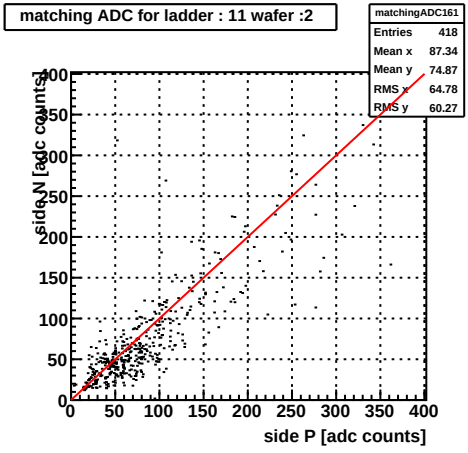

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 356
Mean x 82.59
Mean y 73.75
RMS x 65.87
RMS y 58.13
side N [adc counts]
side P [adc counts]

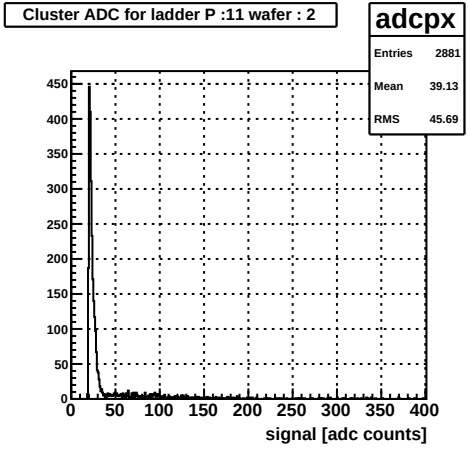

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 3156
Mean 37.04
RMS 45.13
signal [adc counts]

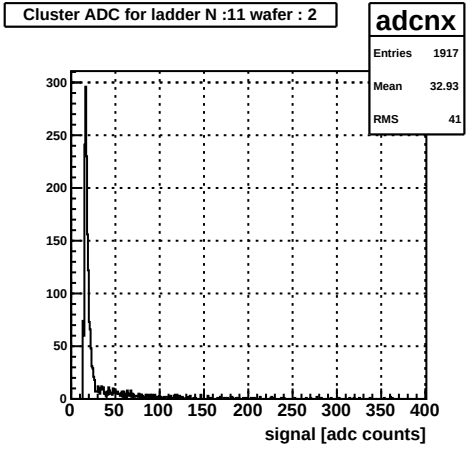

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 1598
Mean 40.47
RMS 42.77
signal [adc counts]

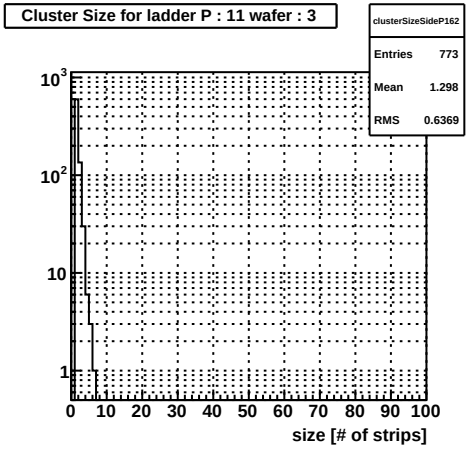

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 2881
Mean 1.117
RMS 0.4567
size [# of strips]

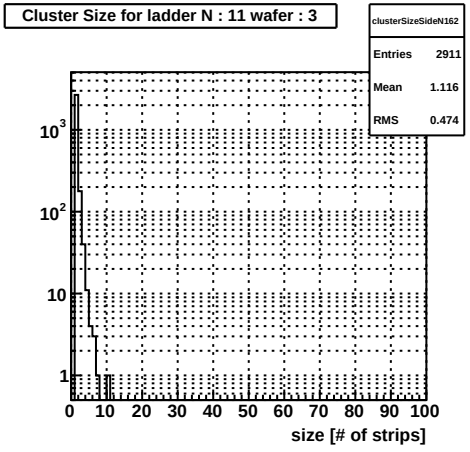

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 1917
Mean 1.172
RMS 0.5211
size [# of strips]

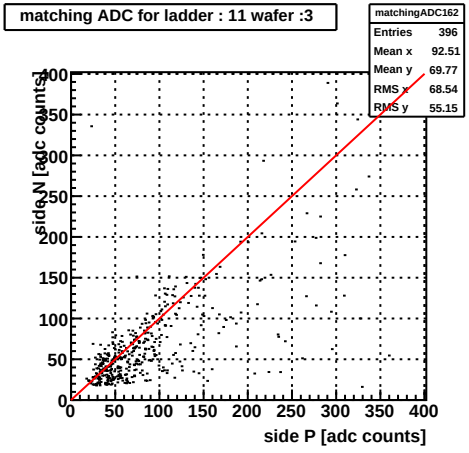

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 418
Mean x 87.34
Mean y 74.87
RMS x 64.78
RMS y 60.27
side N [adc counts]
side P [adc counts]

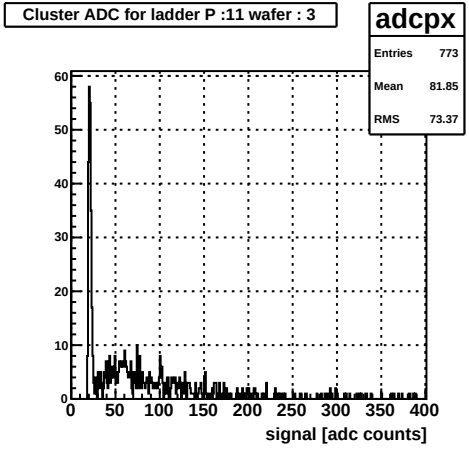

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 2881
Mean 39.13
RMS 45.69
signal [adc counts]

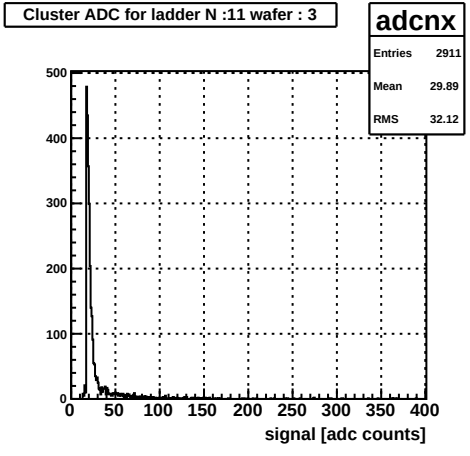

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 1917
Mean 32.93
RMS 41
signal [adc counts]

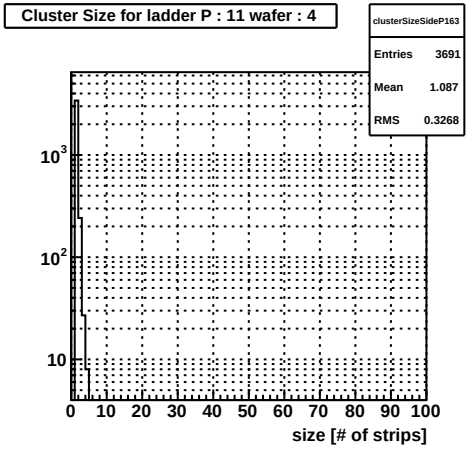

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 773
Mean 1.298
RMS 0.6369
size [# of strips]

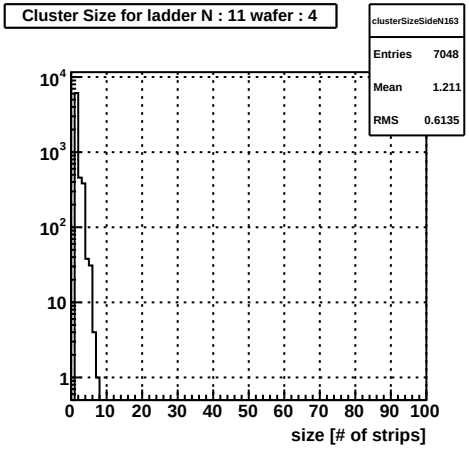

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 2911
Mean 1.116
RMS 0.474
size [# of strips]

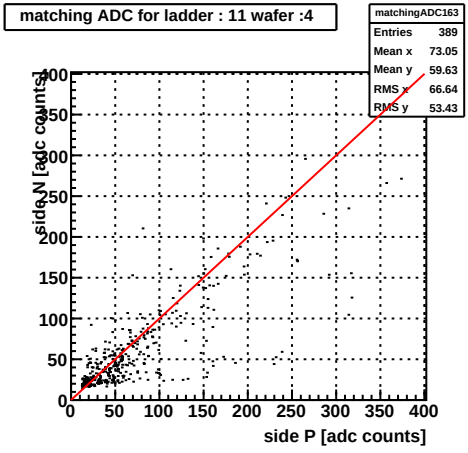

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 396
Mean x 92.51
Mean y 69.77
RMS x 68.54
RMS y 55.15
side N [adc counts]
side P [adc counts]

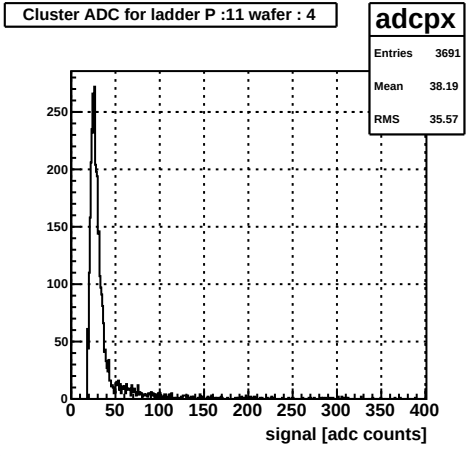

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 773
Mean 81.85
RMS 73.37
signal [adc counts]

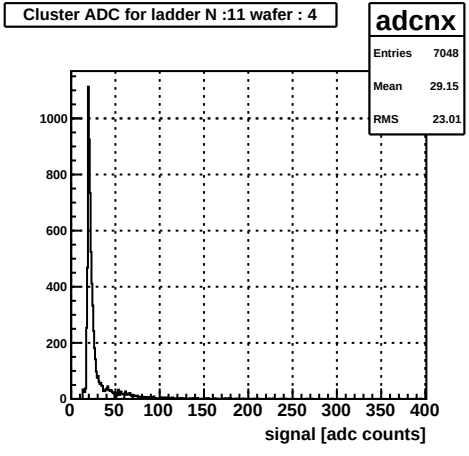

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 2911
Mean 29.89
RMS 32.12
signal [adc counts]

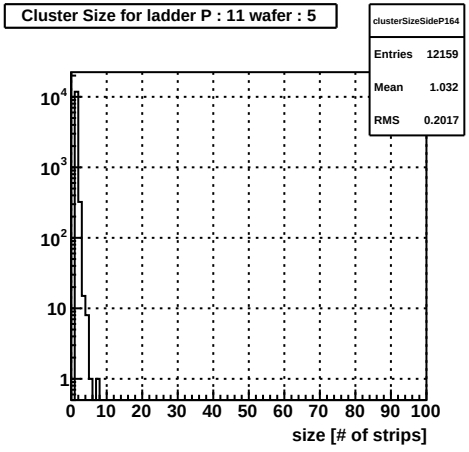

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 3691
Mean 1.087
RMS 0.3268
size [# of strips]

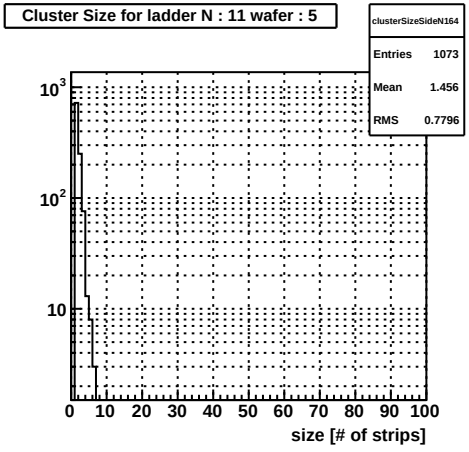

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 7048
Mean 1.211
RMS 0.6135
size [# of strips]

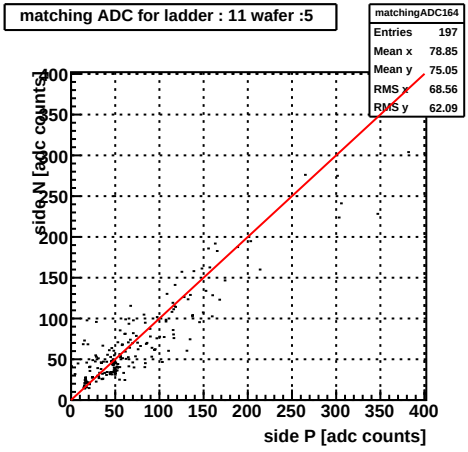

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 389
Mean x 73.05
Mean y 59.63
RMS x 66.64
RMS y 53.43
side N [adc counts]
side P [adc counts]

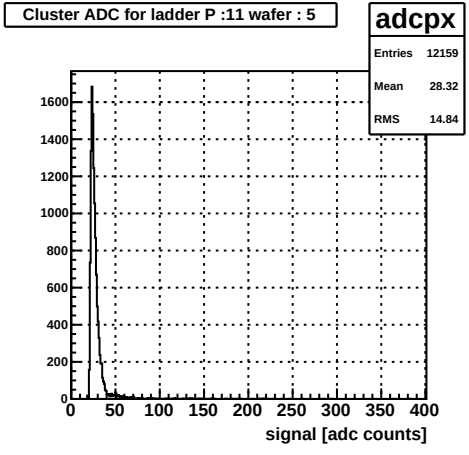

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 3691
Mean 38.19
RMS 35.57
signal [adc counts]

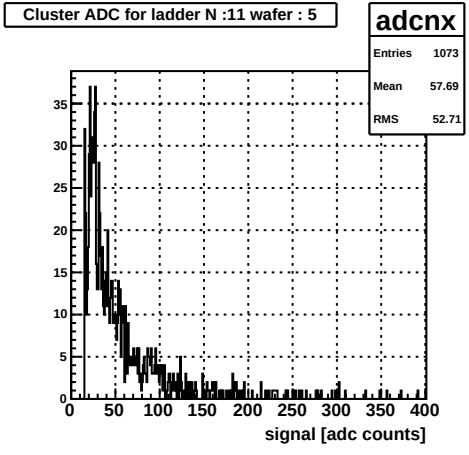

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 7048
Mean 29.15
RMS 23.01
signal [adc counts]

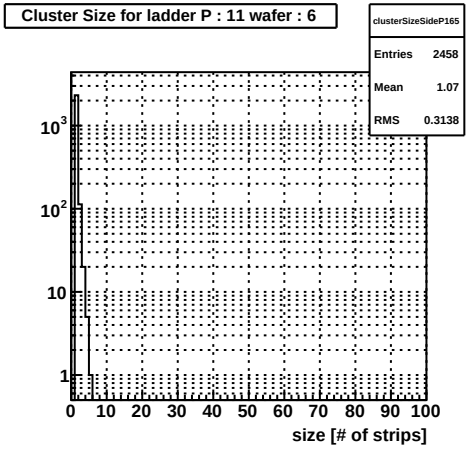

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 12159
Mean 1.032
RMS 0.2017
size [# of strips]

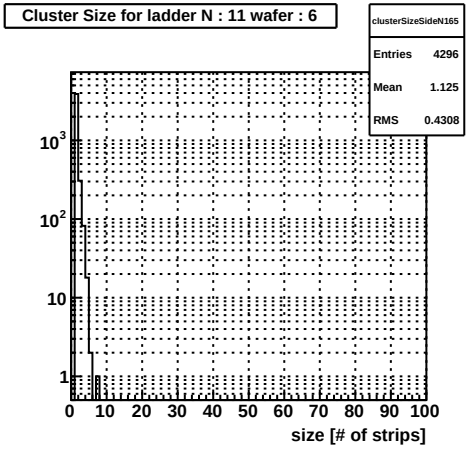

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 1073
Mean 1.456
RMS 0.7796
size [# of strips]

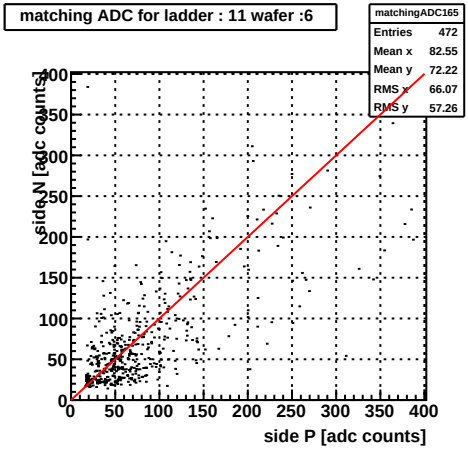

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 197
Mean x 78.85
Mean y 75.05
RMS x 68.56
RMS y 62.09
side N [adc counts]
side P [adc counts]

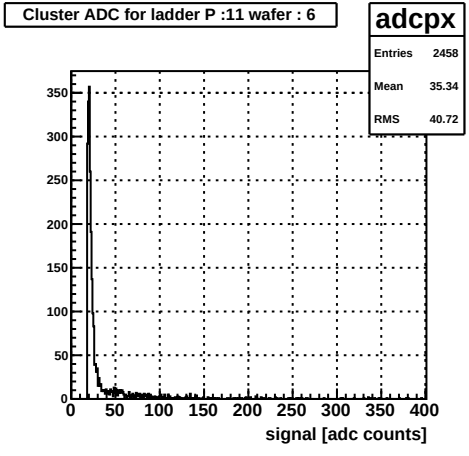

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 12159
Mean 28.32
RMS 14.84
signal [adc counts]

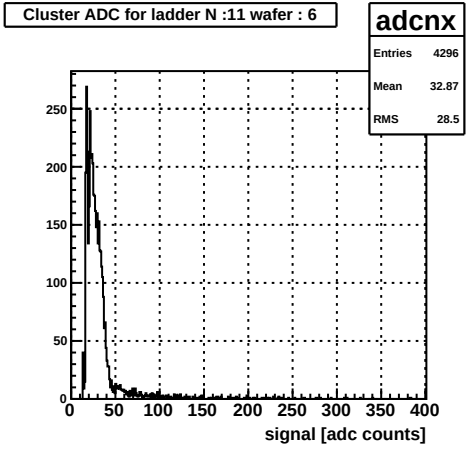

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 1073
Mean 57.69
RMS 52.71
signal [adc counts]

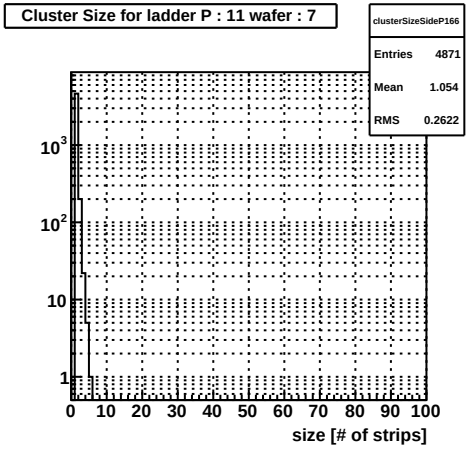

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 2458
Mean 1.07
RMS 0.3138
size [# of strips]

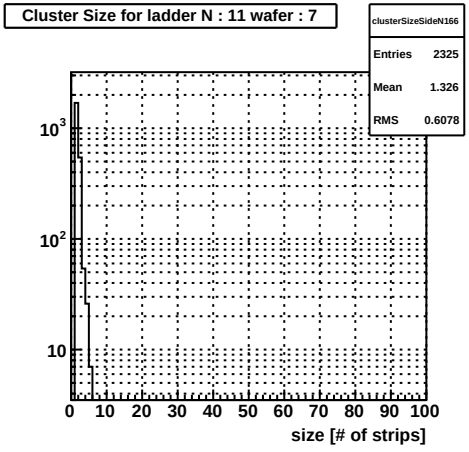

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 4296
Mean 1.125
RMS 0.4308
size [# of strips]

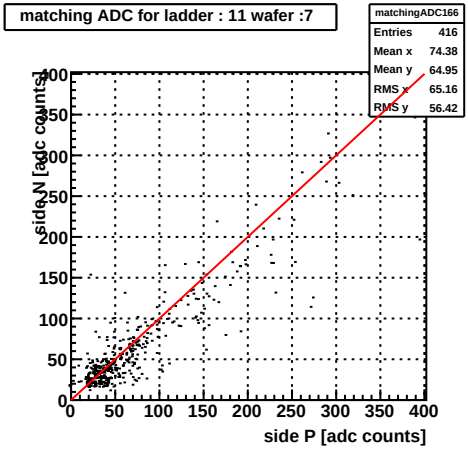

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 472
Mean x 82.55
Mean y 72.22
RMS x 66.07
RMS y 57.26
side N [adc counts]
side P [adc counts]

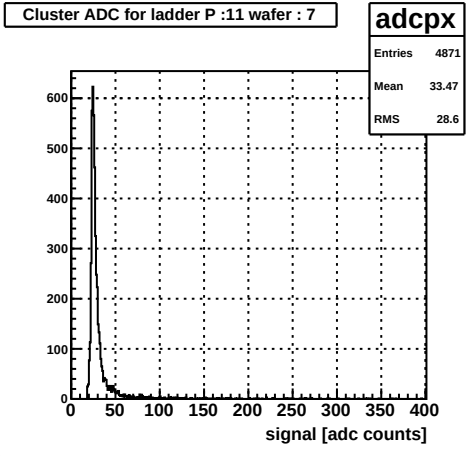

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 2458
Mean 35.34
RMS 40.72
signal [adc counts]

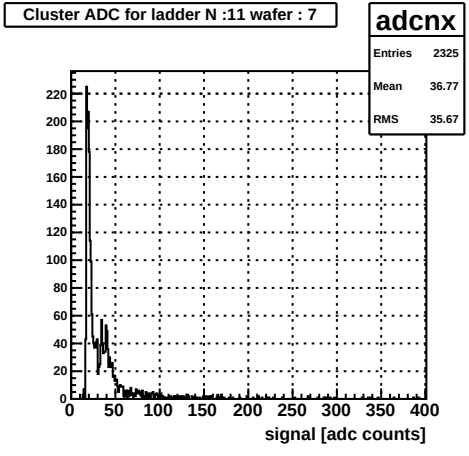

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 4296
Mean 32.87
RMS 28.5
signal [adc counts]

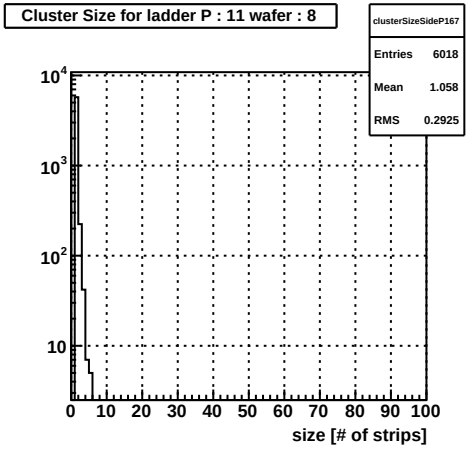

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 4871
Mean 1.054
RMS 0.2622
size [# of strips]

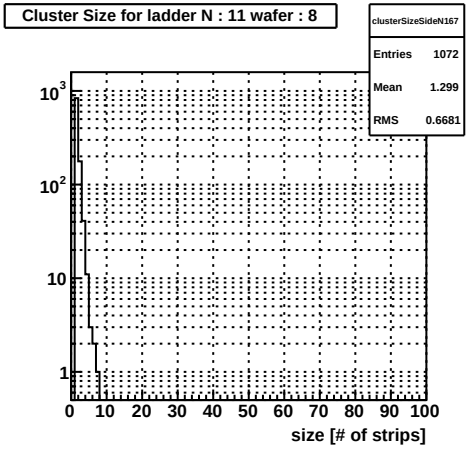

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 2325
Mean 1.326
RMS 0.6078
size [# of strips]

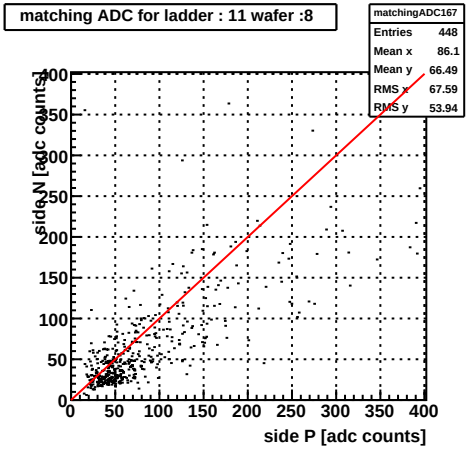

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 416
Mean x 74.38
Mean y 64.95
RMS x 65.16
RMS y 56.42
side N [adc counts]
side P [adc counts]

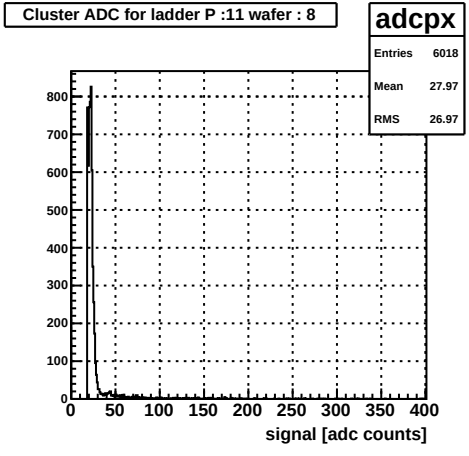

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 4871
Mean 33.47
RMS 28.6
signal [adc counts]

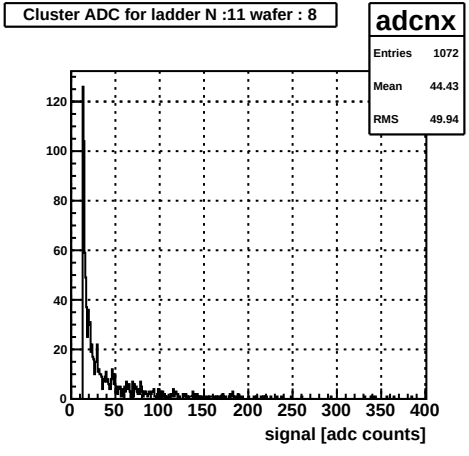

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 2325
Mean 36.77
RMS 35.67
signal [adc counts]

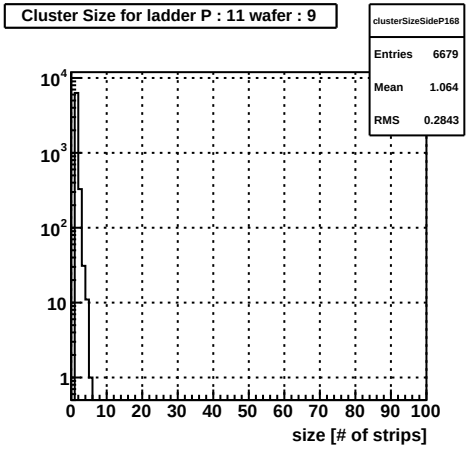

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 6018
Mean 1.058
RMS 0.2925
size [# of strips]

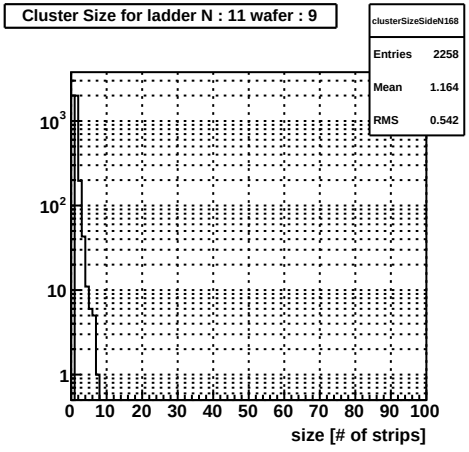

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 1072
Mean 1.299
RMS 0.6681
size [# of strips]

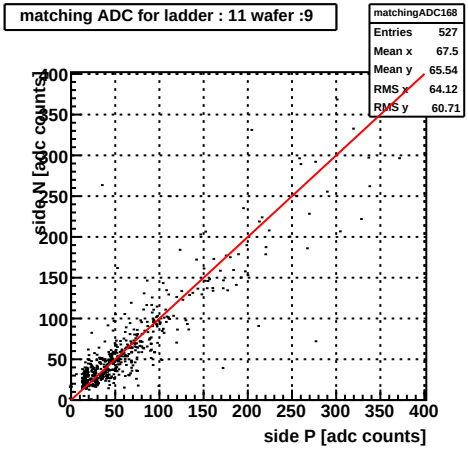

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 448
Mean x 86.1
Mean y 66.49
RMS x 67.59
RMS y 53.94
side N [adc counts]
side P [adc counts]

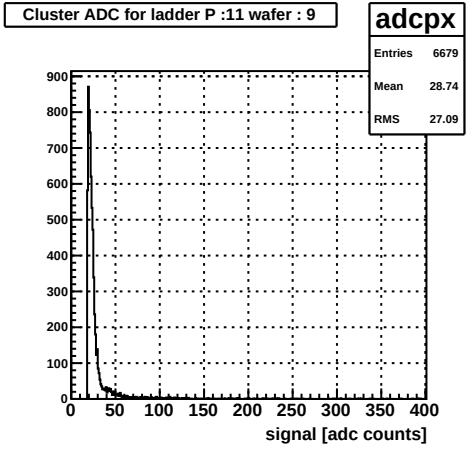

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 6018
Mean 27.97
RMS 26.97
signal [adc counts]

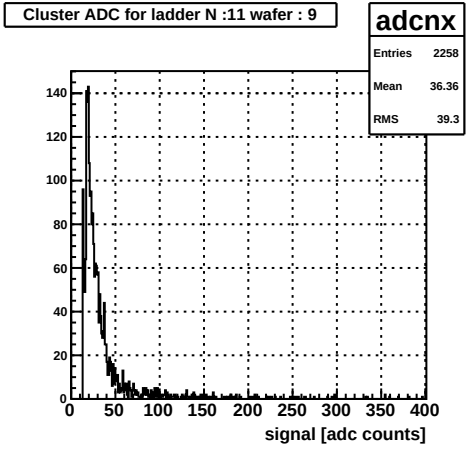

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 1072
Mean 44.43
RMS 49.94
signal [adc counts]

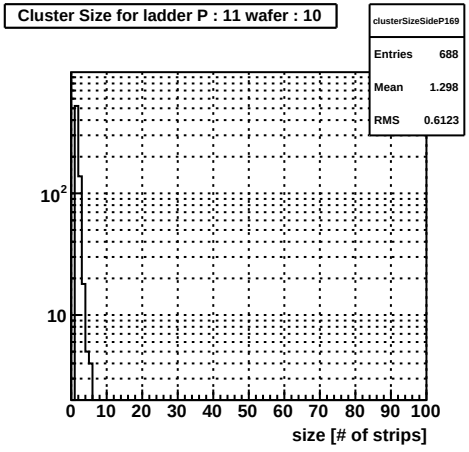

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 6679
Mean 1.064
RMS 0.2843
size [# of strips]

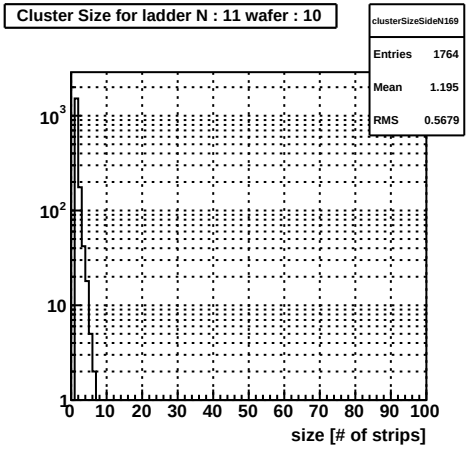

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 2258
Mean 1.164
RMS 0.542
size [# of strips]

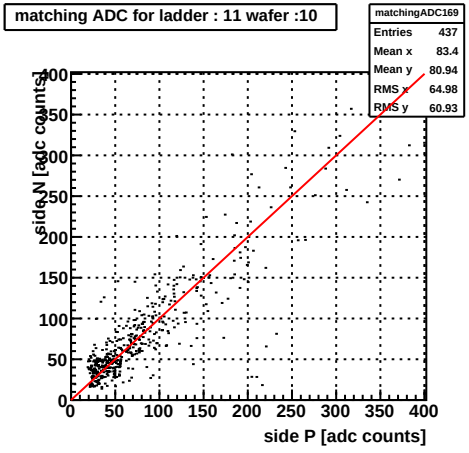

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 527
Mean x 67.5
Mean y 65.54
RMS x 64.12
RMS y 60.71
side N [adc counts]
side P [adc counts]

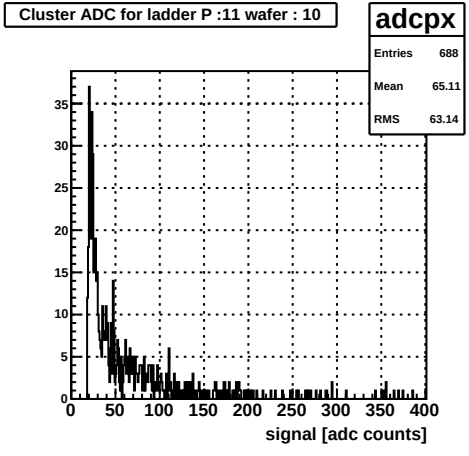

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 6679
Mean 28.74
RMS 27.09
signal [adc counts]

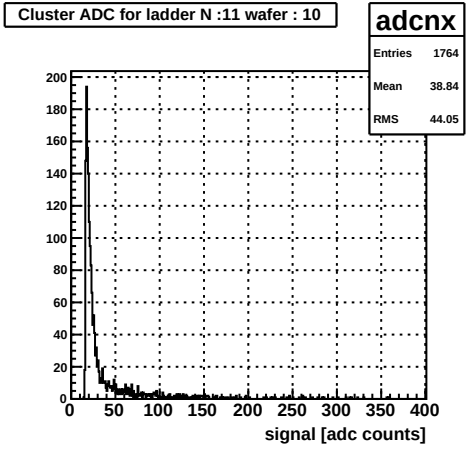

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 2258
Mean 36.36
RMS 39.3
signal [adc counts]

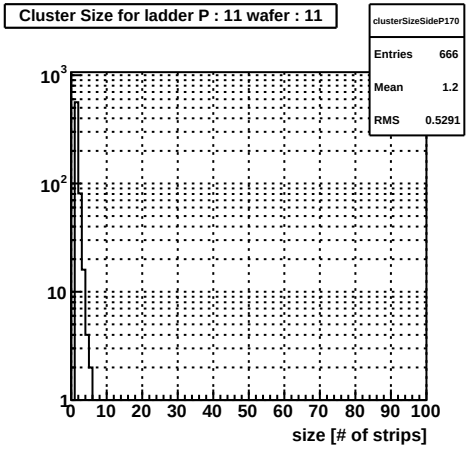

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 688
Mean 1.298
RMS 0.6123
size [# of strips]

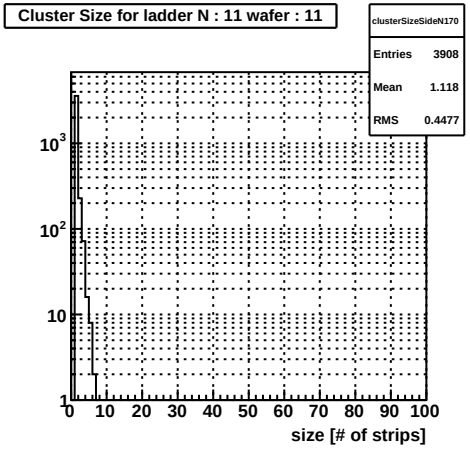

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 1764
Mean 1.195
RMS 0.5679
size [# of strips]

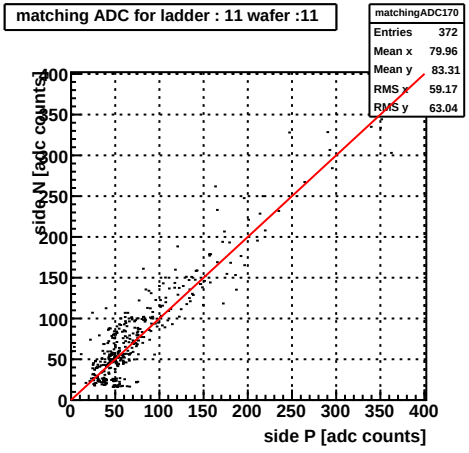

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 437
Mean x 83.4
Mean y 80.94
RMS x 64.98
RMS y 60.93
side N [adc counts]
side P [adc counts]

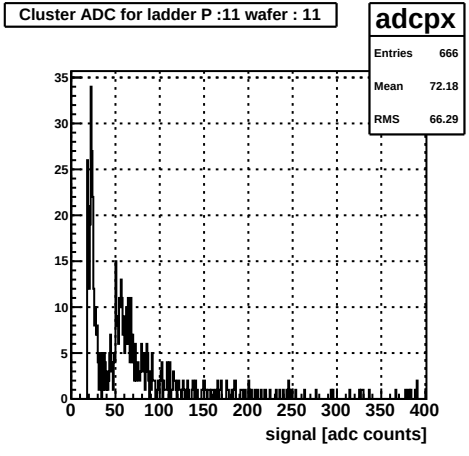

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 688
Mean 65.11
RMS 63.14
signal [adc counts]

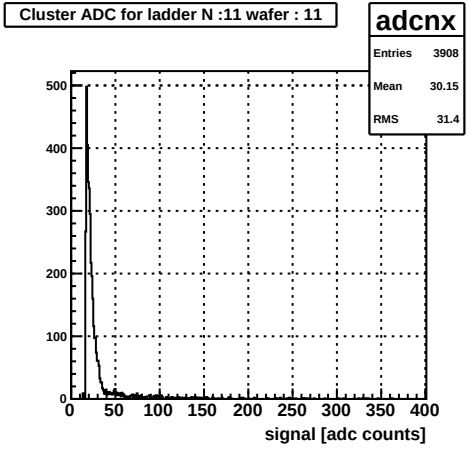

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 1764
Mean 38.84
RMS 44.05
signal [adc counts]

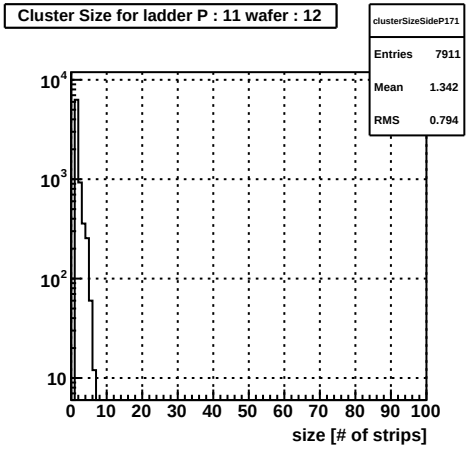

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 666
Mean 1.2
RMS 0.5291
size [# of strips]

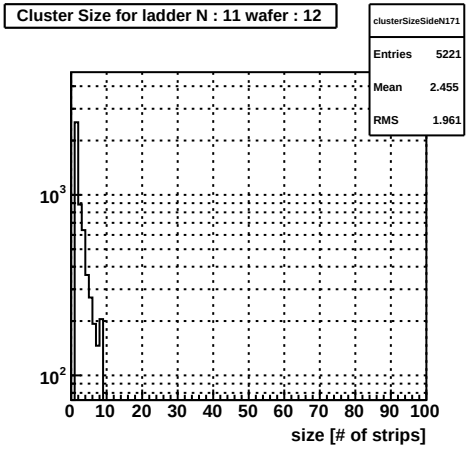

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 3908
Mean 1.118
RMS 0.4477
size [# of strips]

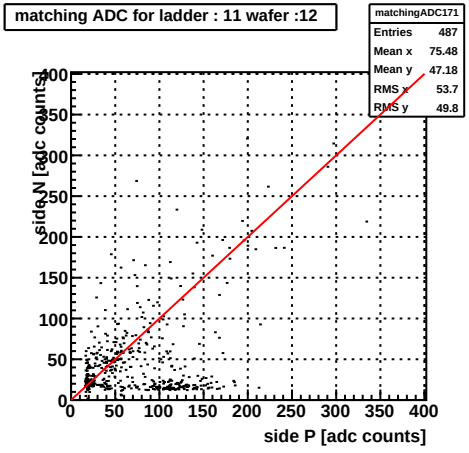

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 372
Mean x 79.96
Mean y 83.31
RMS x 59.17
RMS y 63.04
side N [adc counts]
side P [adc counts]

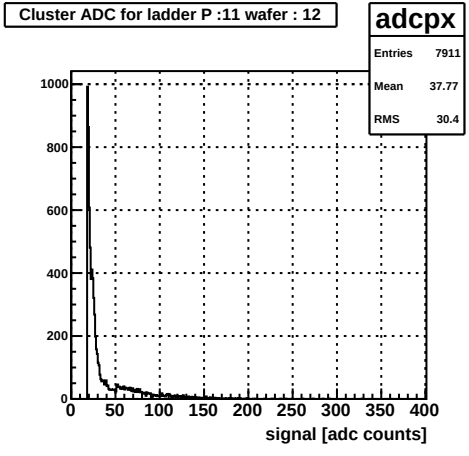

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 666
Mean 72.18
RMS 66.29
signal [adc counts]

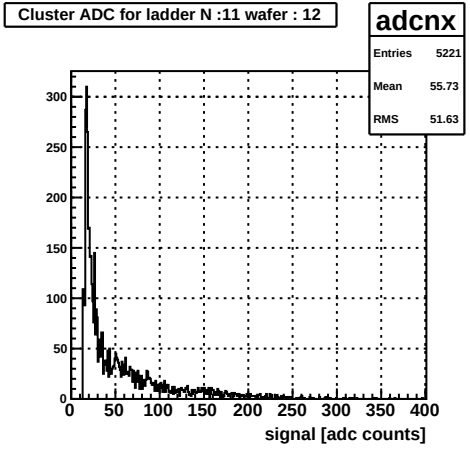

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 3908
Mean 30.15
RMS 31.4
signal [adc counts]

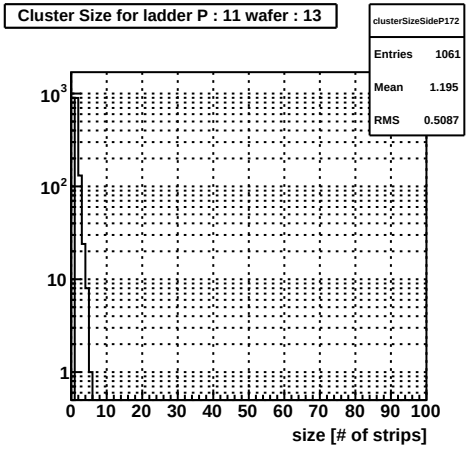

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 7911
Mean 1.342
RMS 0.794
size [# of strips]

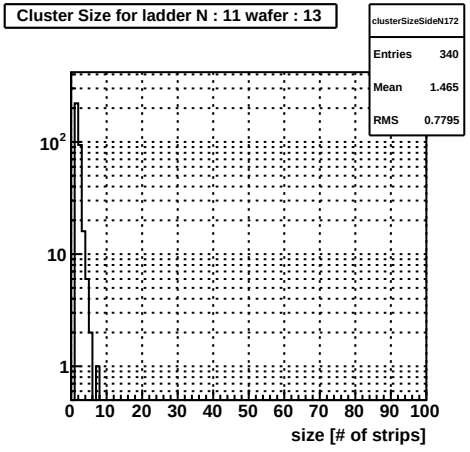

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 5221
Mean 2.455
RMS 1.961
size [# of strips]

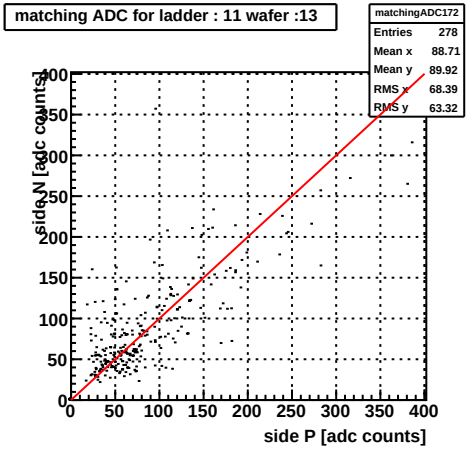

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 487
Mean x 75.48
Mean y 47.18
RMS x 53.7
RMS y 49.8
side N [adc counts]
side P [adc counts]

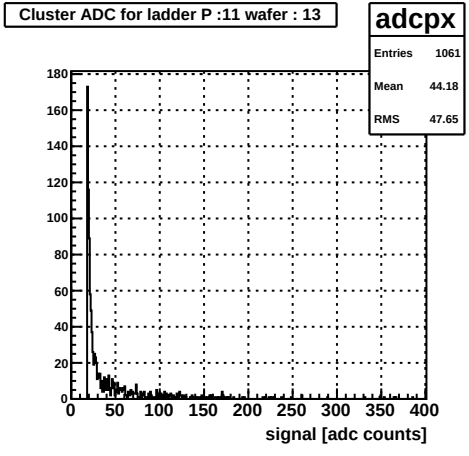

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 7911
Mean 37.77
RMS 30.4
signal [adc counts]

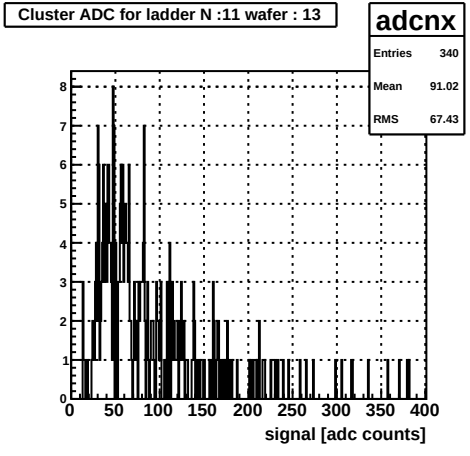

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 5221
Mean 55.73
RMS 51.63
signal [adc counts]

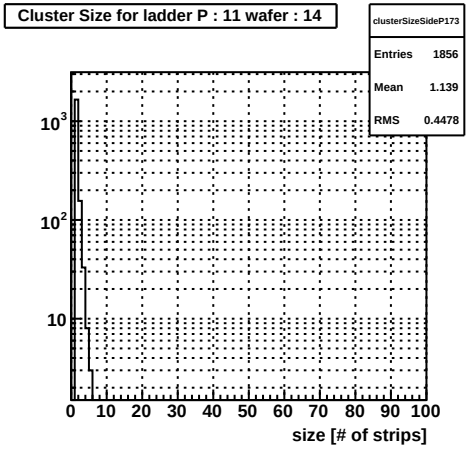

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 1061
Mean 1.195
RMS 0.5087
size [# of strips]

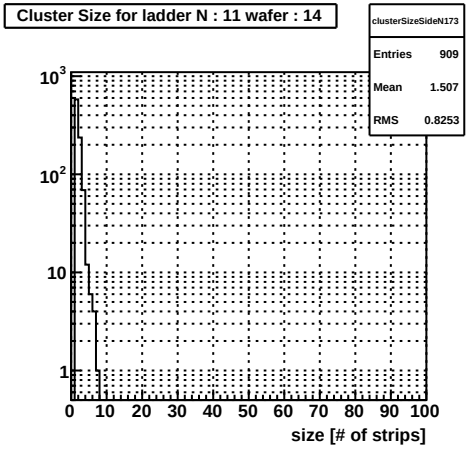

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 340
Mean 1.465
RMS 0.7795
size [# of strips]

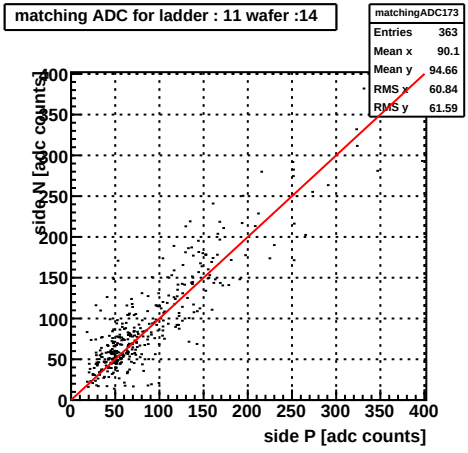

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 278
Mean x 88.71
Mean y 89.92
RMS x 68.39
RMS y 63.32
side N [adc counts]
side P [adc counts]

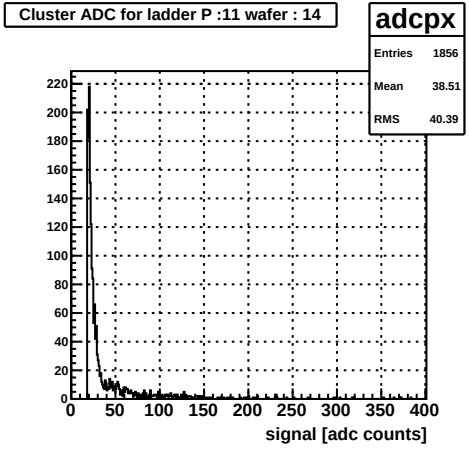

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 1061
Mean 44.18
RMS 47.65
signal [adc counts]

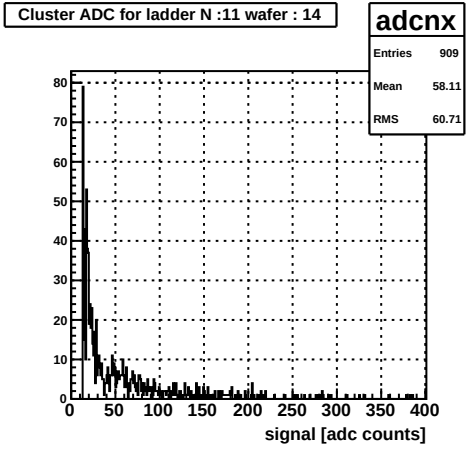

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 340
Mean 91.02
RMS 67.43
signal [adc counts]

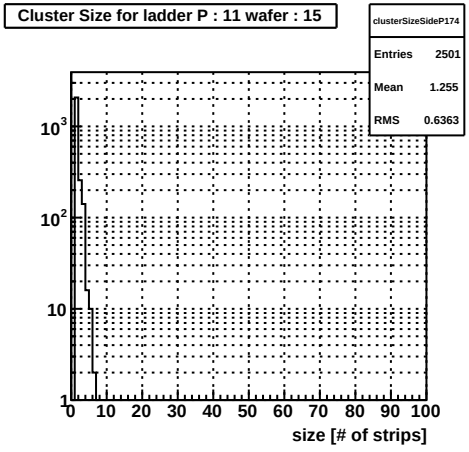

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 1856
Mean 1.139
RMS 0.4478
size [# of strips]

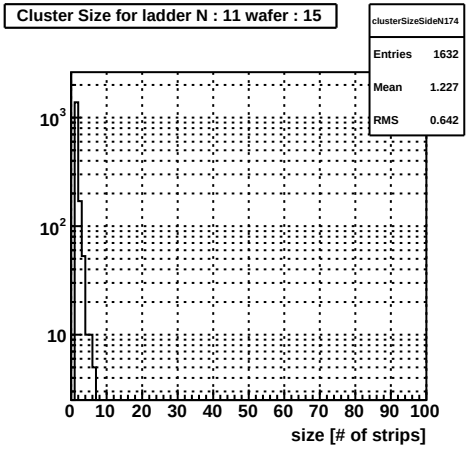

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 909
Mean 1.507
RMS 0.8253
size [# of strips]

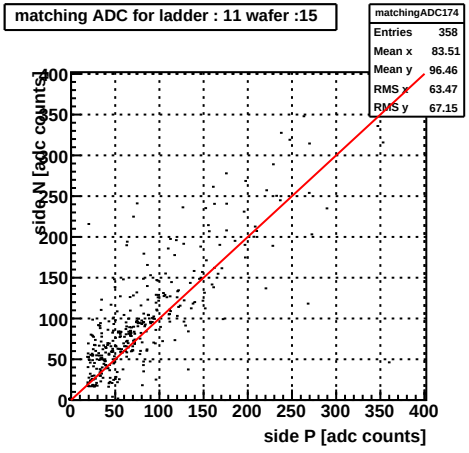

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 363
Mean x 90.1
Mean y 94.66
RMS x 60.84
RMS y 61.59
side N [adc counts]
side P [adc counts]

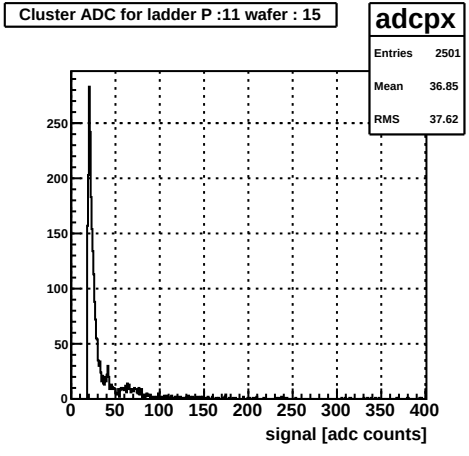

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 1856
Mean 38.51
RMS 40.39
signal [adc counts]

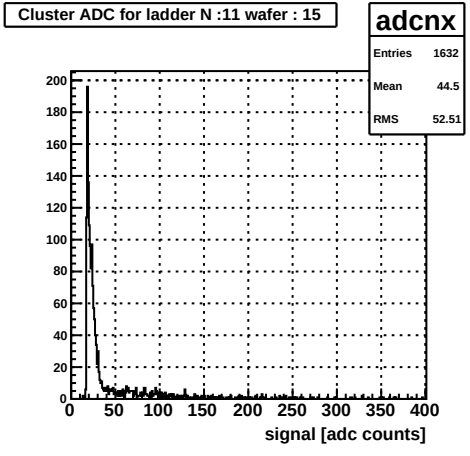

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 909
Mean 58.11
RMS 60.71
signal [adc counts]

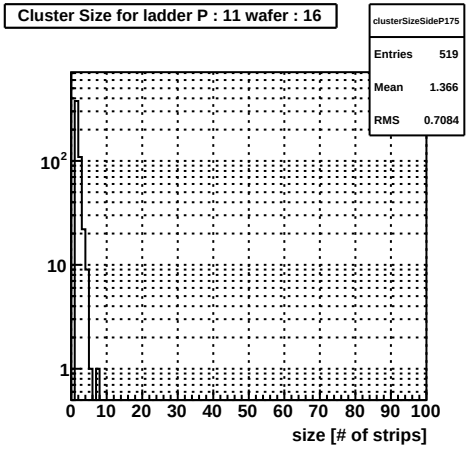

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 2501
Mean 1.255
RMS 0.6363
size [# of strips]

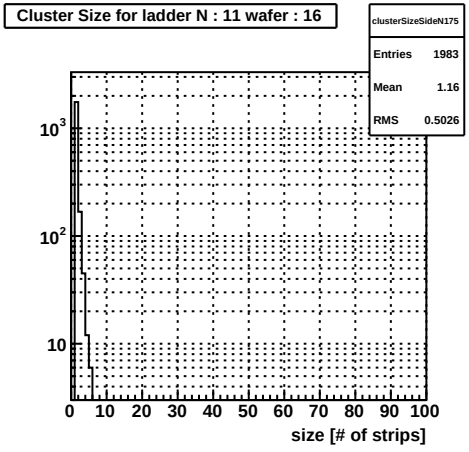

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 1632
Mean 1.227
RMS 0.642
size [# of strips]

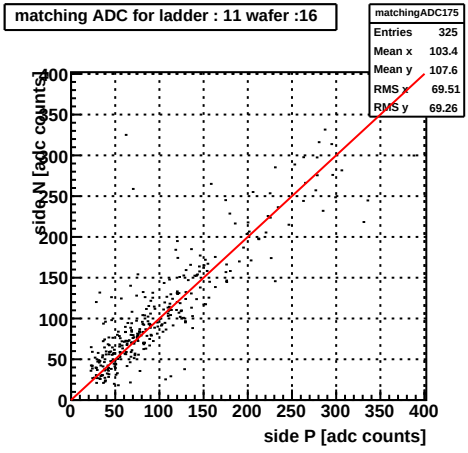

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 358
Mean x 83.51
Mean y 96.46
RMS x 63.47
RMS y 67.15
side N [adc counts]
side P [adc counts]

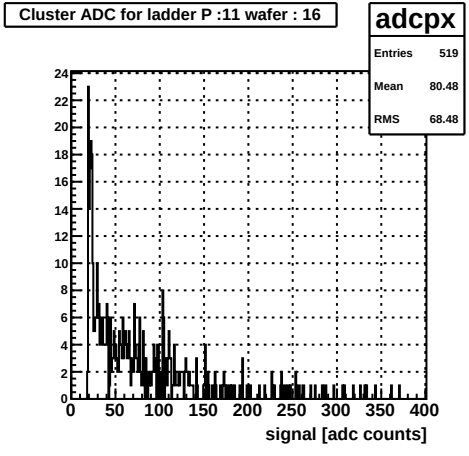

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 2501
Mean 36.85
RMS 37.62
signal [adc counts]

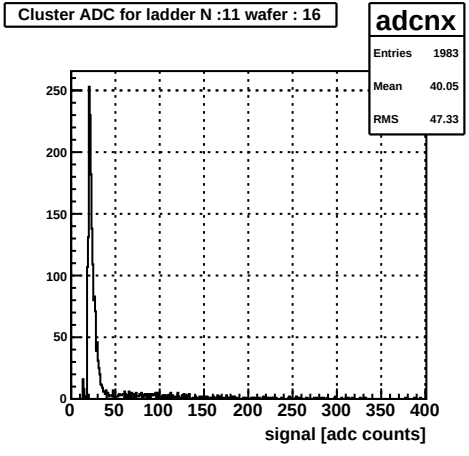

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 1632
Mean 44.5
RMS 52.51
signal [adc counts]

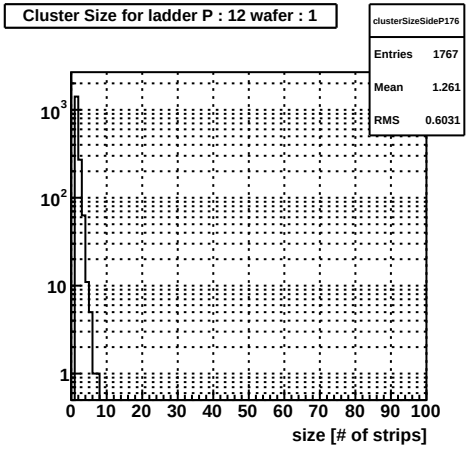

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 519
Mean 1.366
RMS 0.7084
size [# of strips]

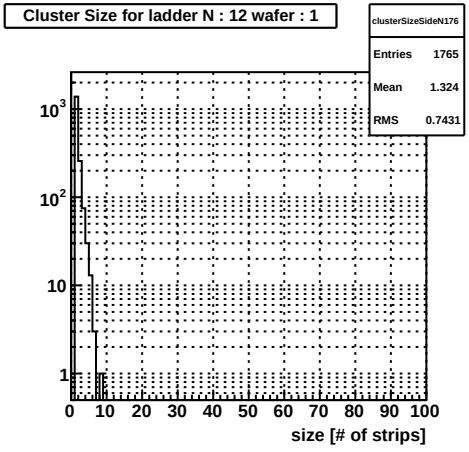

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 1983
Mean 1.16
RMS 0.5026
size [# of strips]

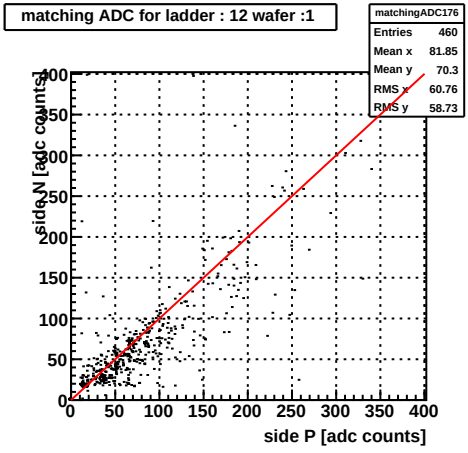

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 325
Mean x 103.4
Mean y 107.6
RMS x 69.51
RMS y 69.26
side N [adc counts]
side P [adc counts]

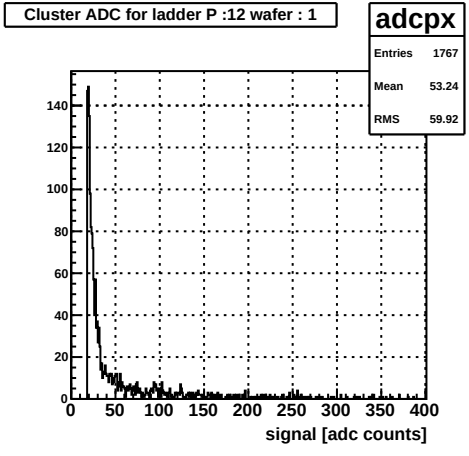

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 519
Mean 80.48
RMS 68.48
signal [adc counts]

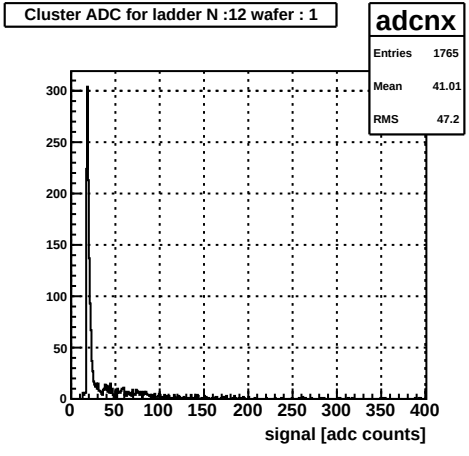

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 1983
Mean 40.05
RMS 47.33
signal [adc counts]

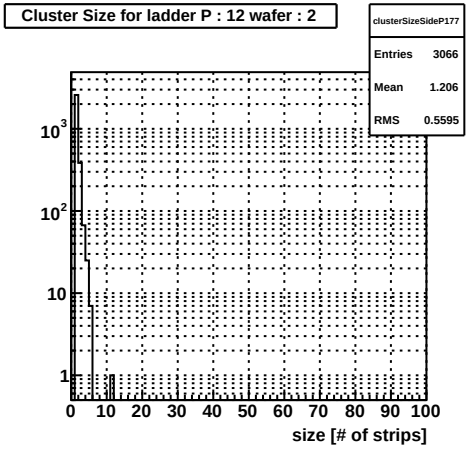

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 1767
Mean 1.261
RMS 0.6031
size [# of strips]

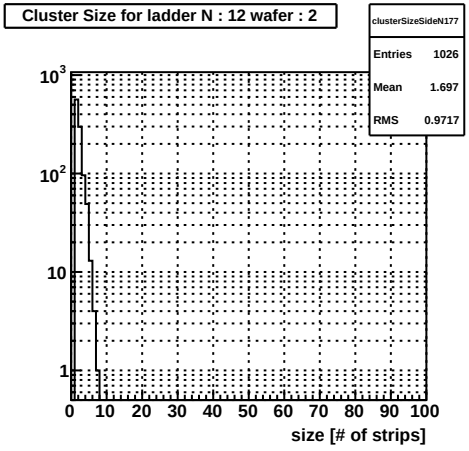

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 1765
Mean 1.324
RMS 0.7431
size [# of strips]

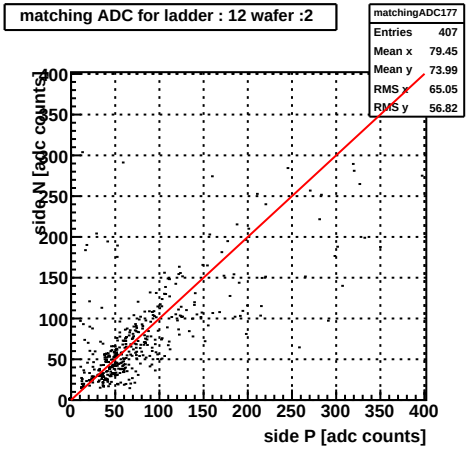

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 460
Mean x 81.85
Mean y 70.3
RMS x 60.76
RMS y 58.73
side N [adc counts]
side P [adc counts]

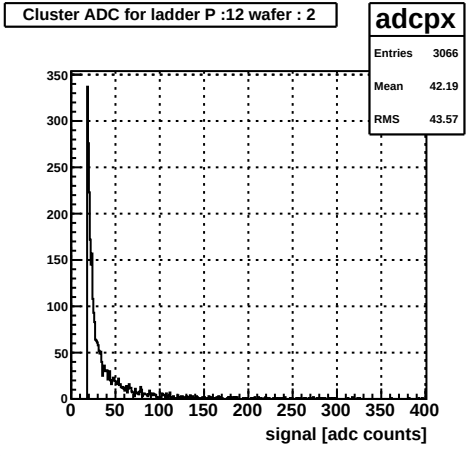

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 1767
Mean 53.24
RMS 59.92
signal [adc counts]

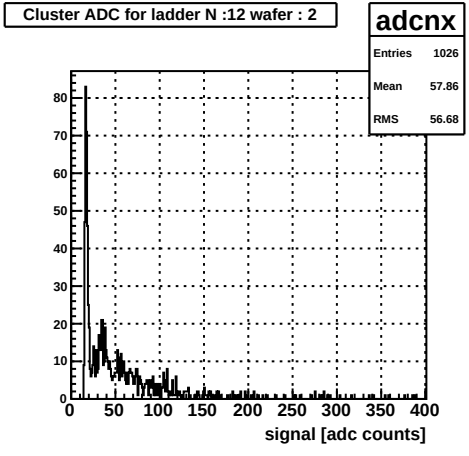

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 1765
Mean 41.01
RMS 47.2
signal [adc counts]

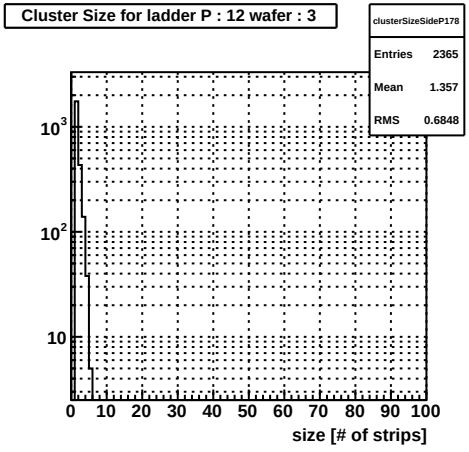

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 3066
Mean 1.206
RMS 0.5595
size [# of strips]

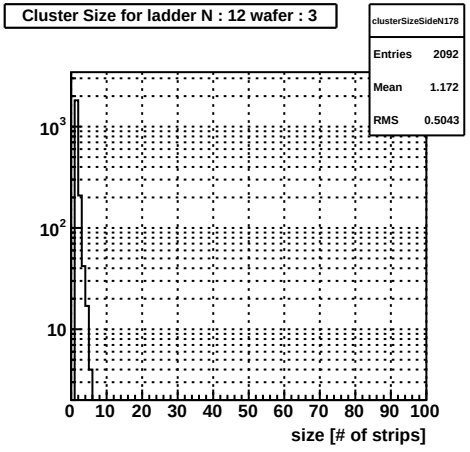

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 1026
Mean 1.697
RMS 0.9717
size [# of strips]

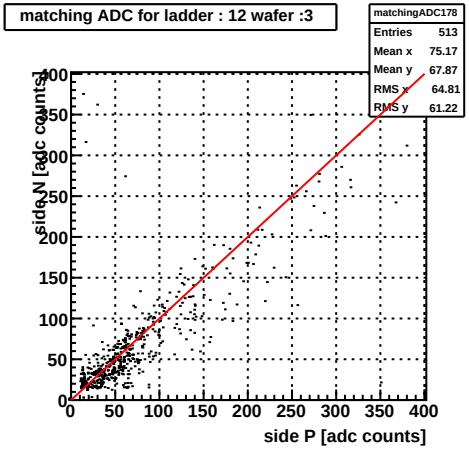

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 407
Mean x 79.45
Mean y 73.99
RMS x 65.05
RMS y 56.82
side N [adc counts]
side P [adc counts]

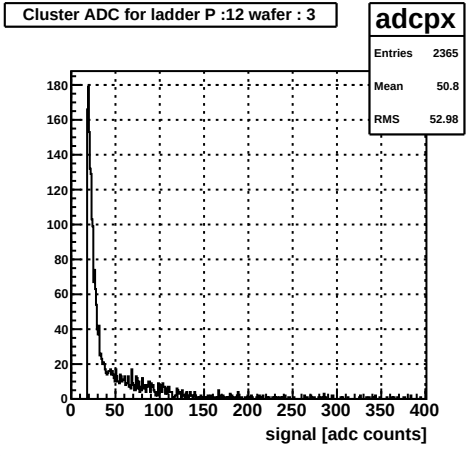

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 3066
Mean 42.19
RMS 43.57
signal [adc counts]

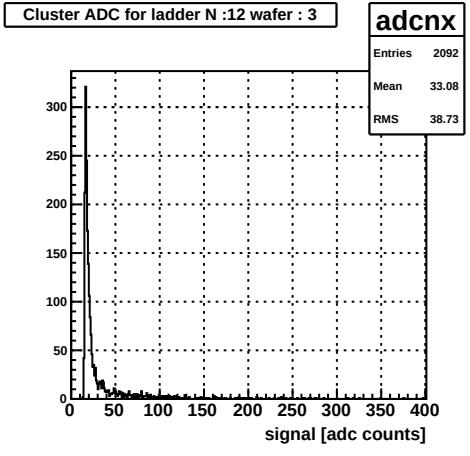

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 1026
Mean 57.86
RMS 56.68
signal [adc counts]

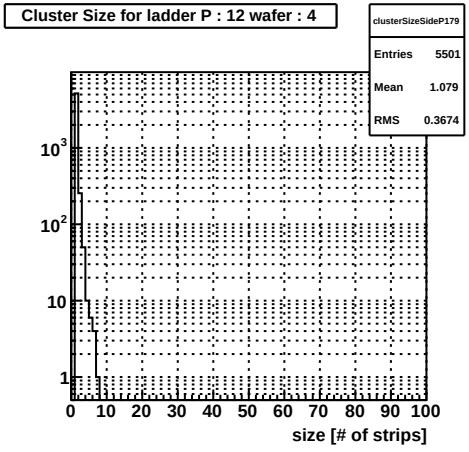

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 2365
Mean 1.357
RMS 0.6848
size [# of strips]

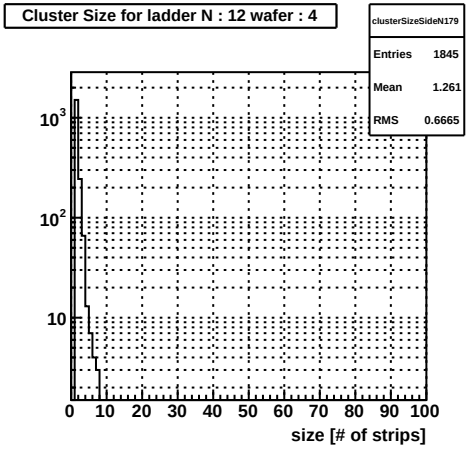

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 2092
Mean 1.172
RMS 0.5043
size [# of strips]

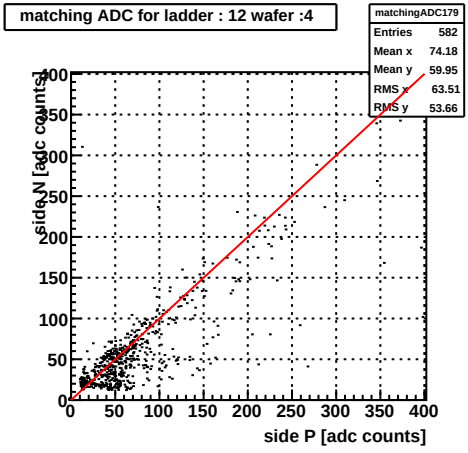

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 513
Mean x 75.17
Mean y 67.87
RMS x 64.81
RMS y 61.22
side N [adc counts]
side P [adc counts]

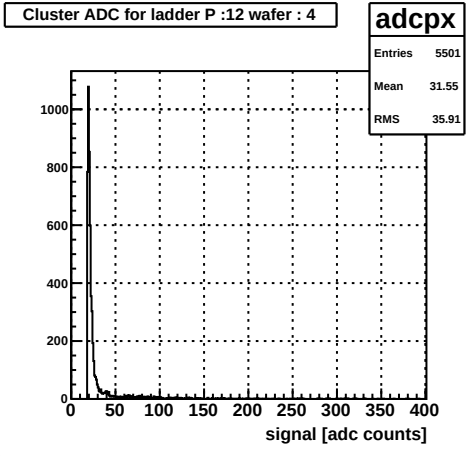

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 2365
Mean 50.8
RMS 52.98
signal [adc counts]

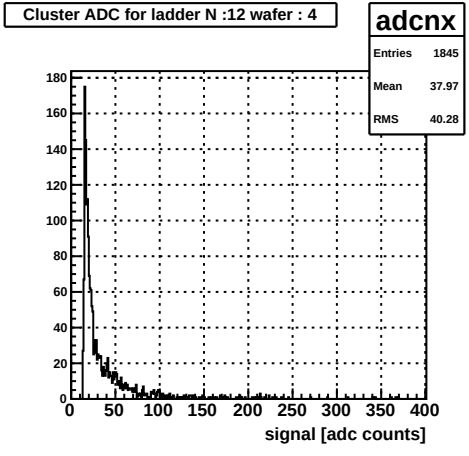

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 2092
Mean 33.08
RMS 38.73
signal [adc counts]

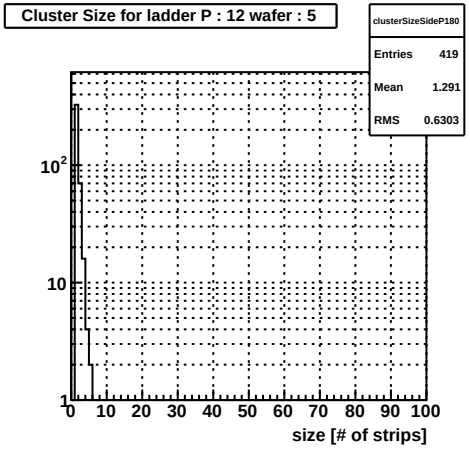

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 5501
Mean 1.079
RMS 0.3674
size [# of strips]

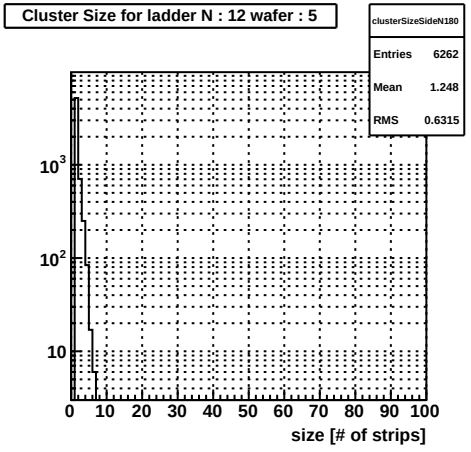

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 1845
Mean 1.261
RMS 0.6665
size [# of strips]

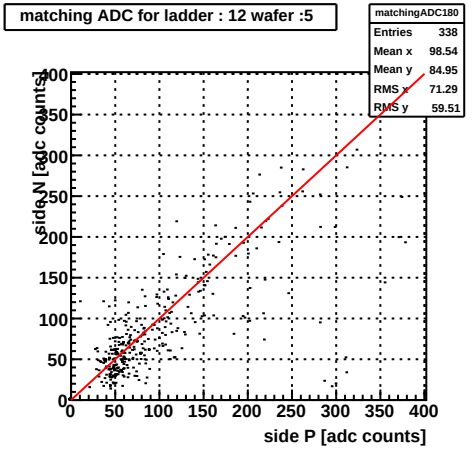

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 582
Mean x 74.18
Mean y 59.95
RMS x 63.51
RMS y 53.66
side N [adc counts]
side P [adc counts]

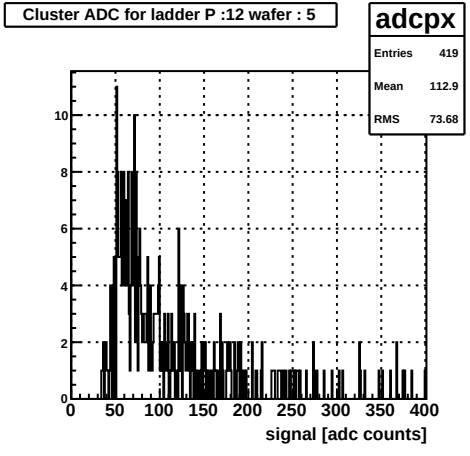

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 5501
Mean 31.55
RMS 35.91
signal [adc counts]

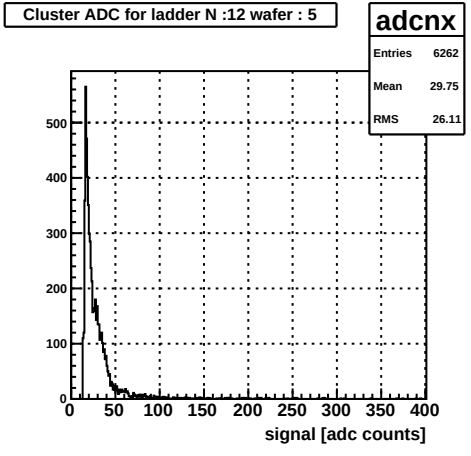

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 1845
Mean 37.97
RMS 40.28
signal [adc counts]

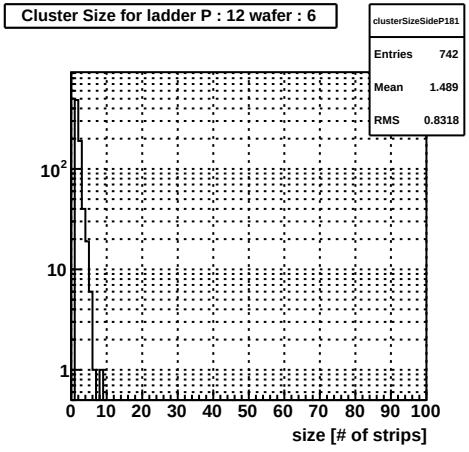

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 419
Mean 1.291
RMS 0.6303
size [# of strips]

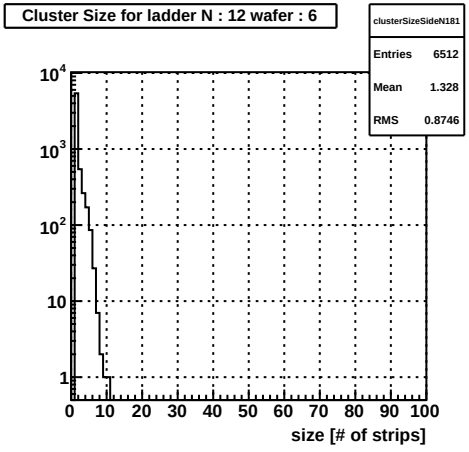

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 6262
Mean 1.248
RMS 0.6315
size [# of strips]

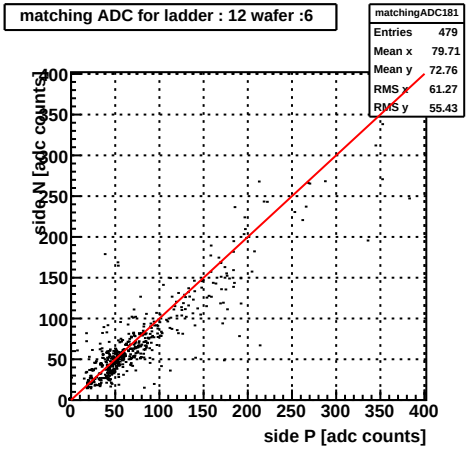

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 338
Mean x 98.54
Mean y 84.95
RMS x 71.29
RMS y 59.51
side N [adc counts]
side P [adc counts]

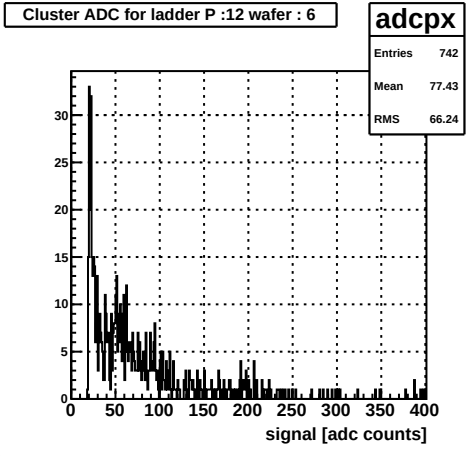

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 419
Mean 112.9
RMS 73.68
signal [adc counts]

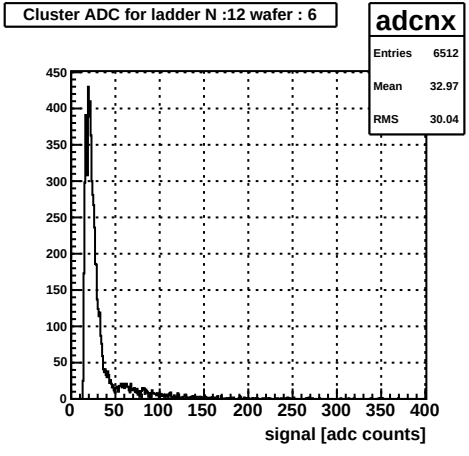

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 6262
Mean 29.75
RMS 26.11
signal [adc counts]

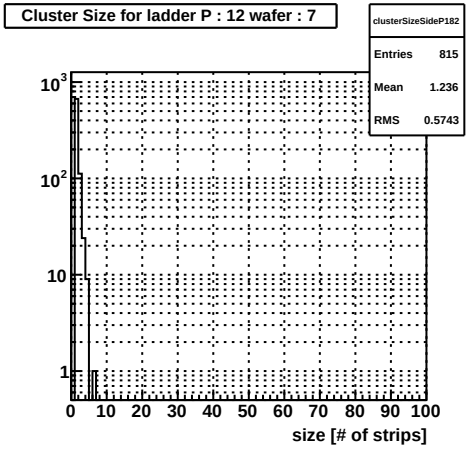

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 742
Mean 1.489
RMS 0.8318
size [# of strips]

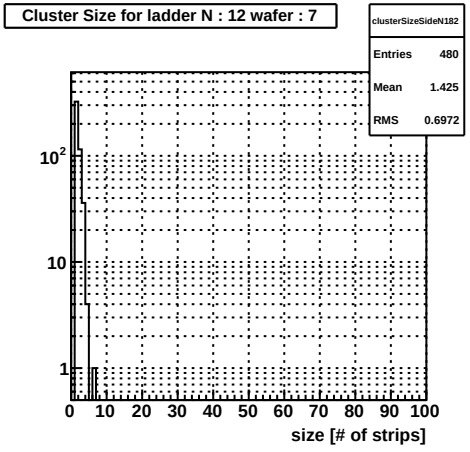

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 6512
Mean 1.328
RMS 0.8746
size [# of strips]

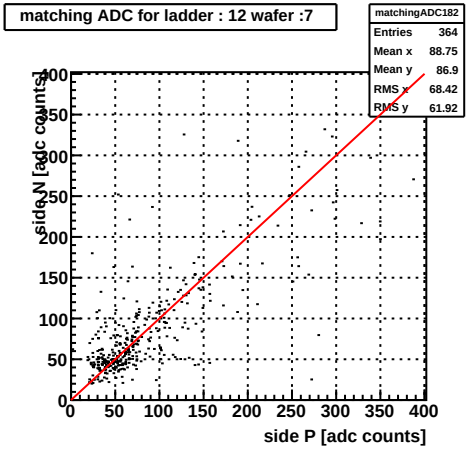

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 479
Mean x 79.71
Mean y 72.76
RMS x 61.27
RMS y 55.43
side N [adc counts]
side P [adc counts]

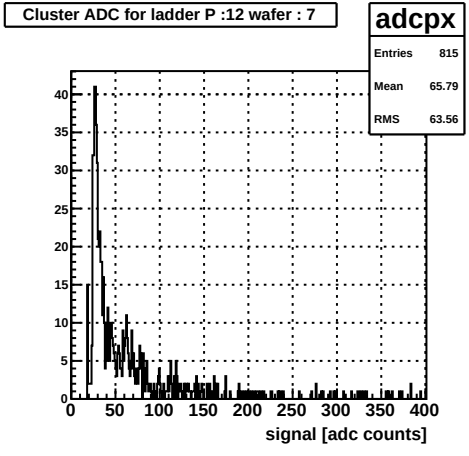

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 742
Mean 77.43
RMS 66.24
signal [adc counts]

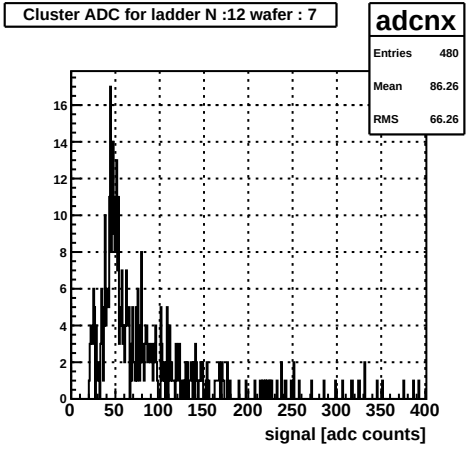

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 6512
Mean 32.97
RMS 30.04
signal [adc counts]

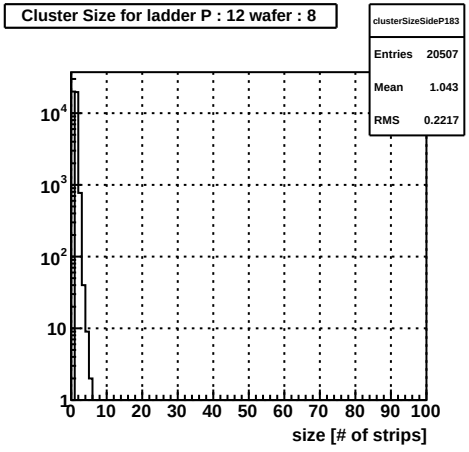

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 815
Mean 1.236
RMS 0.5743
size [# of strips]

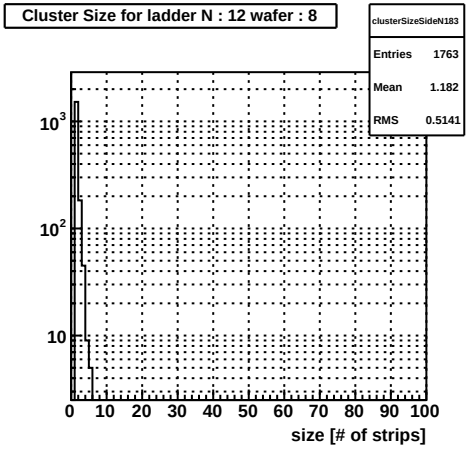

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 480
Mean 1.425
RMS 0.6972
size [# of strips]

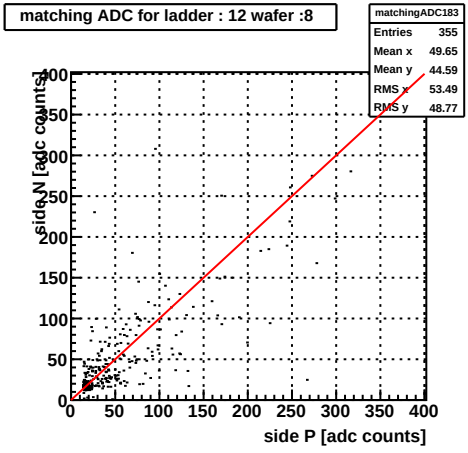

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 364
Mean x 88.75
Mean y 86.9
RMS x 68.42
RMS y 61.92
side N [adc counts]
side P [adc counts]

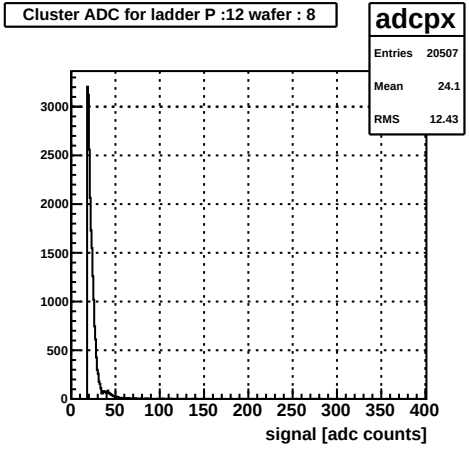

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 815
Mean 65.79
RMS 63.56
signal [adc counts]

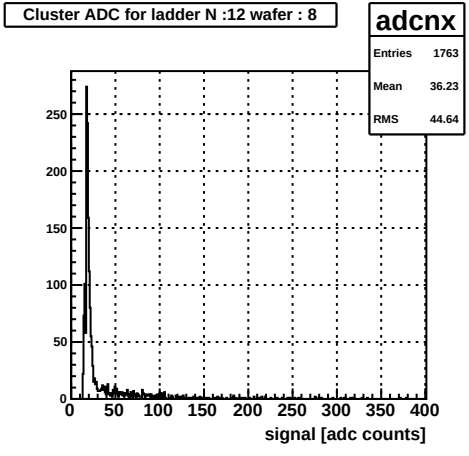

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 480
Mean 86.26
RMS 66.26
signal [adc counts]

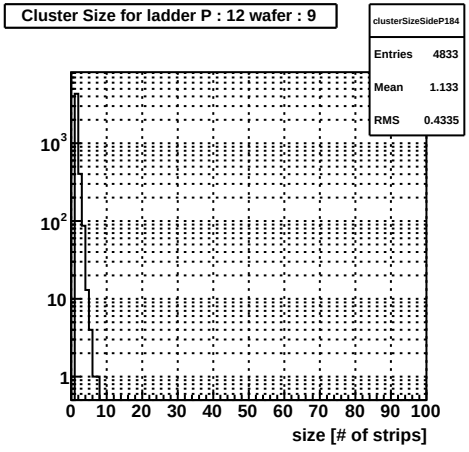

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 20507
Mean 1.043
RMS 0.2217
size [# of strips]

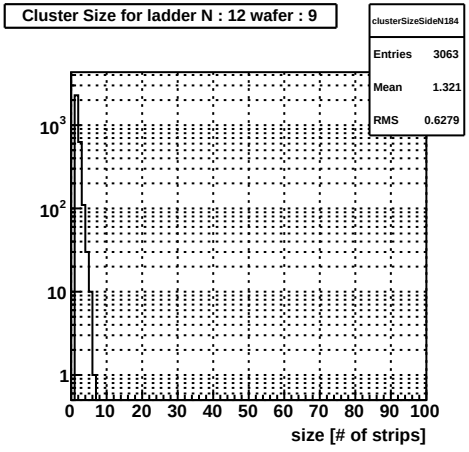

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 1763
Mean 1.182
RMS 0.5141
size [# of strips]

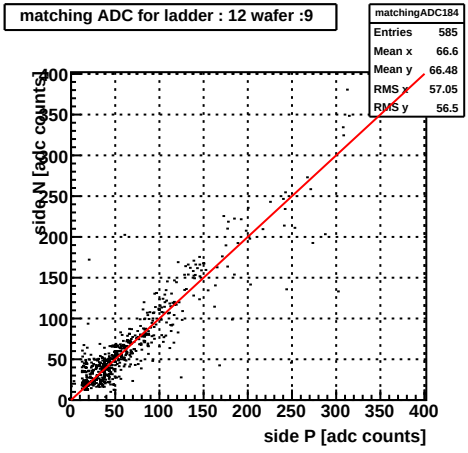

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 355
Mean x 49.65
Mean y 44.59
RMS x 53.49
RMS y 48.77
side N [adc counts]
side P [adc counts]

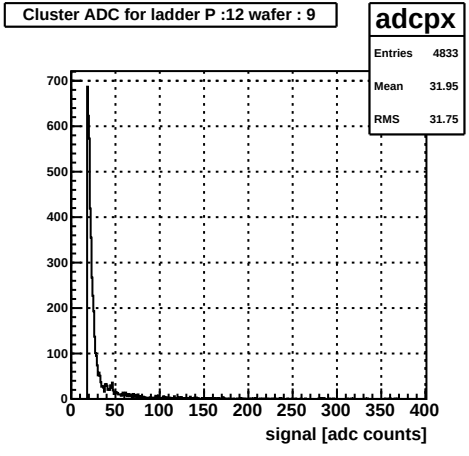

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 20507
Mean 24.1
RMS 12.43
signal [adc counts]

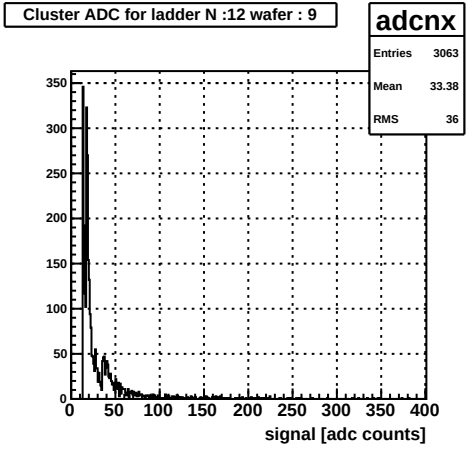

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 1763
Mean 36.23
RMS 44.64
signal [adc counts]

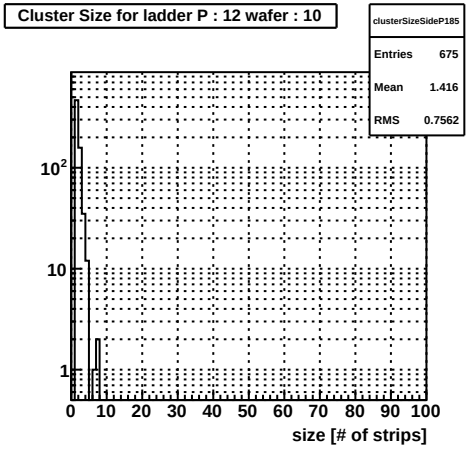

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 4833
Mean 1.133
RMS 0.4335
size [# of strips]

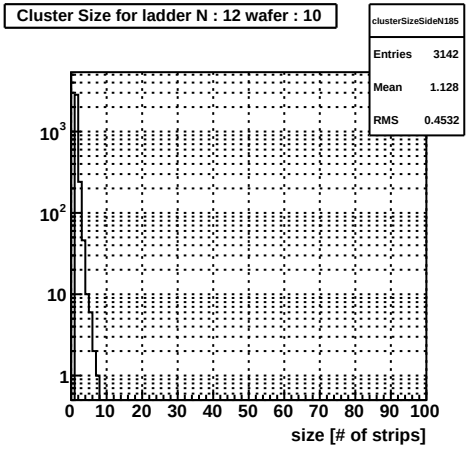

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 3063
Mean 1.321
RMS 0.6279
size [# of strips]

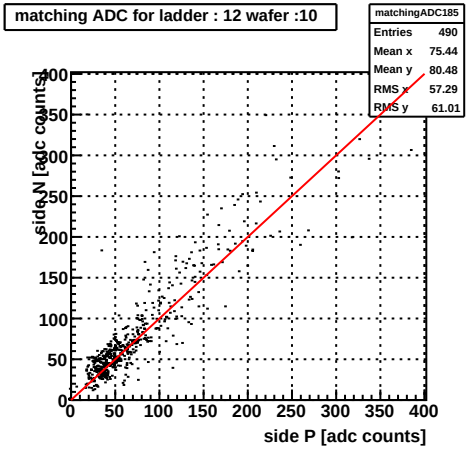

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 585
Mean x 66.6
Mean y 66.48
RMS x 57.05
RMS y 56.5
side N [adc counts]
side P [adc counts]

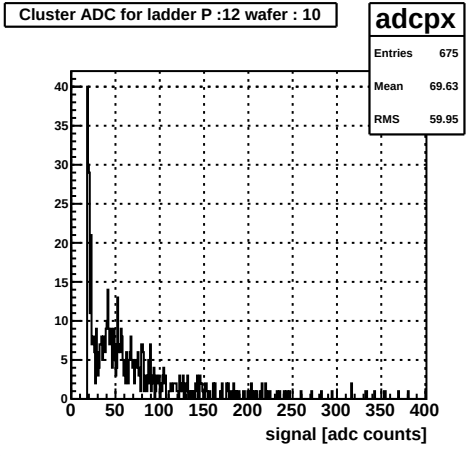

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 4833
Mean 31.95
RMS 31.75
signal [adc counts]

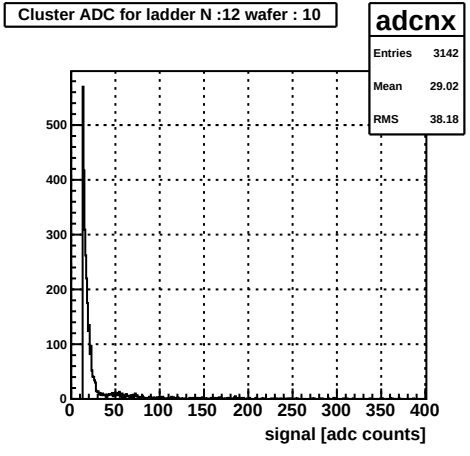

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 3063
Mean 33.38
RMS 36
signal [adc counts]

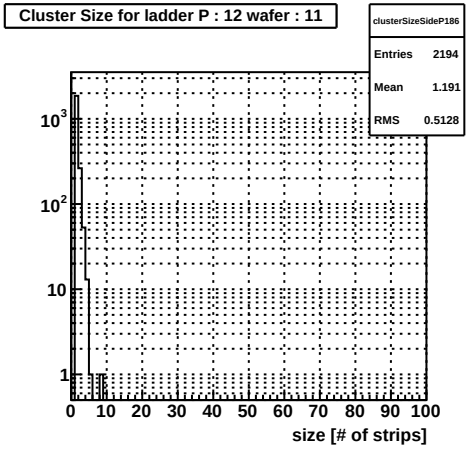

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 675
Mean 1.416
RMS 0.7562
size [# of strips]

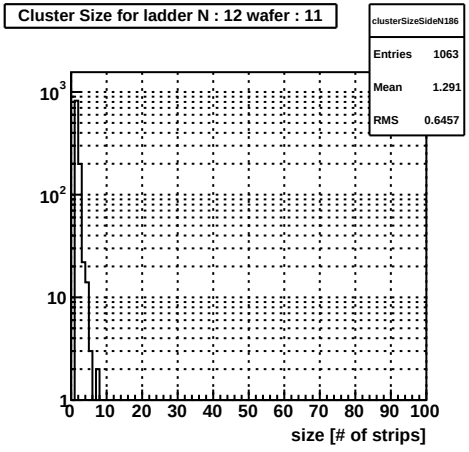

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 3142
Mean 1.128
RMS 0.4532
size [# of strips]

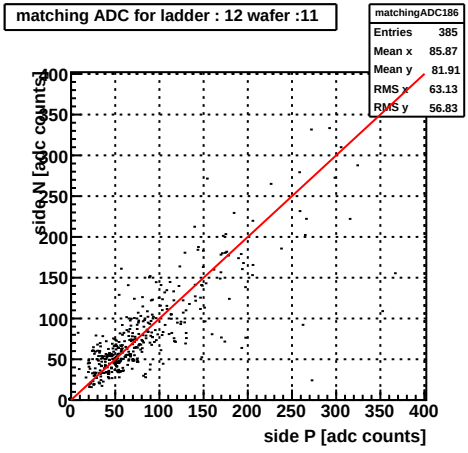

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 490
Mean x 75.44
Mean y 80.48
RMS x 57.29
RMS y 61.01
side N [adc counts]
side P [adc counts]

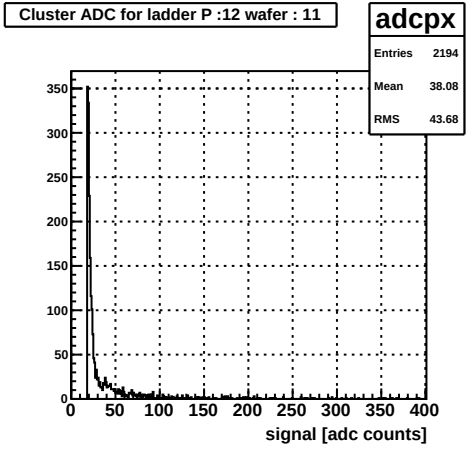

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 675
Mean 69.63
RMS 59.95
signal [adc counts]

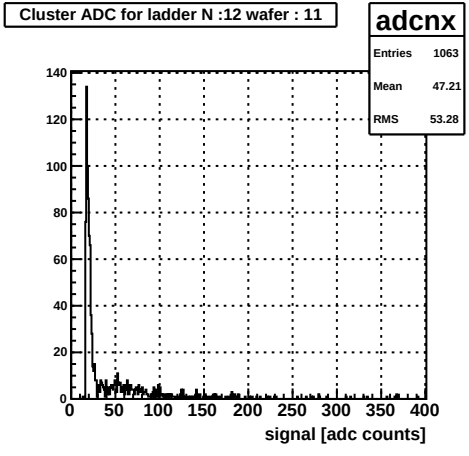

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 3142
Mean 29.02
RMS 38.18
signal [adc counts]

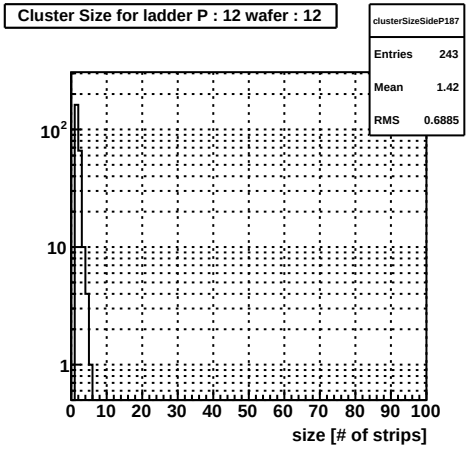

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 2194
Mean 1.191
RMS 0.5128
size [# of strips]

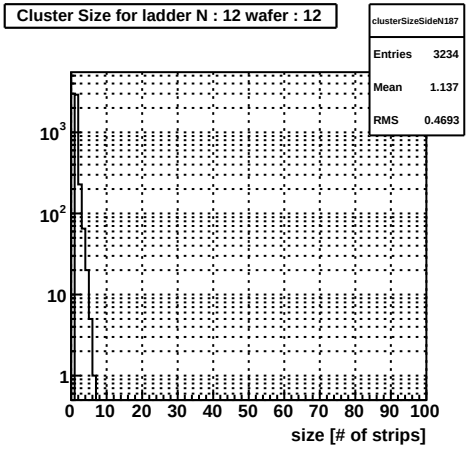

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 1063
Mean 1.291
RMS 0.6457
size [# of strips]

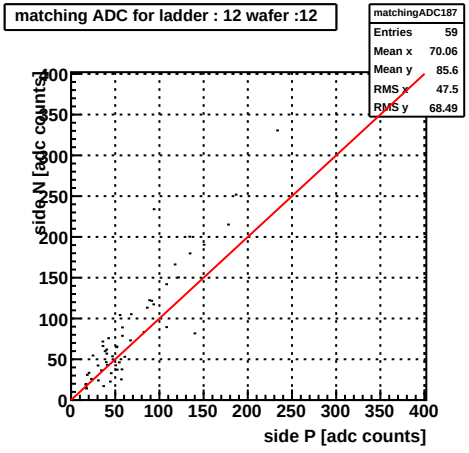

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 385
Mean x 85.87
Mean y 81.91
RMS x 63.13
RMS y 56.83
side N [adc counts]
side P [adc counts]

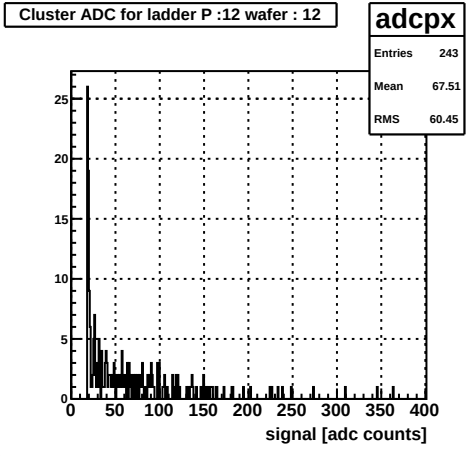

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 2194
Mean 38.08
RMS 43.68
signal [adc counts]

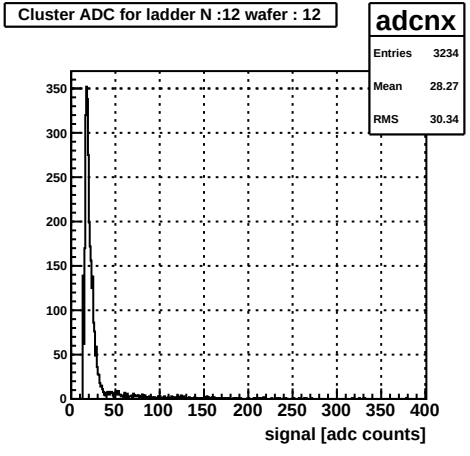

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 1063
Mean 47.21
RMS 53.28
signal [adc counts]

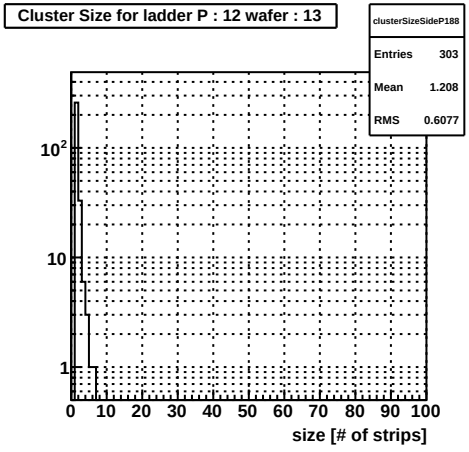

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 243
Mean 1.42
RMS 0.6885
size [# of strips]

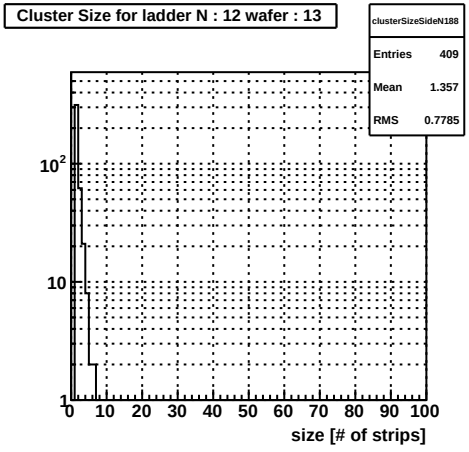

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 3234
Mean 1.137
RMS 0.4693
size [# of strips]

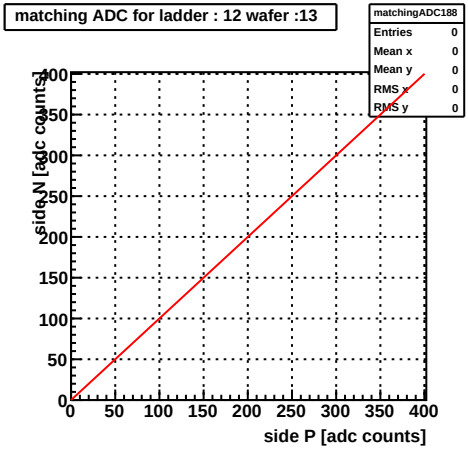

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 59
Mean x 70.06
Mean y 85.6
RMS x 47.5
RMS y 68.49
side N [adc counts]
side P [adc counts]

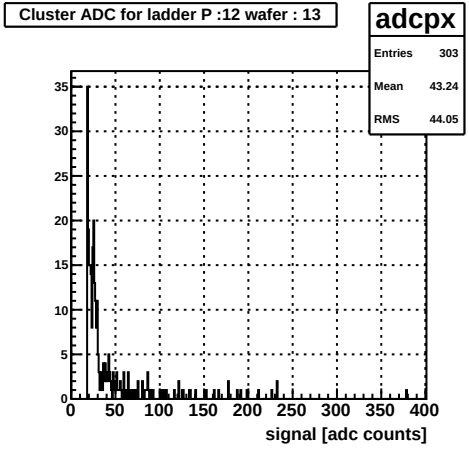

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 243
Mean 67.51
RMS 60.45
signal [adc counts]

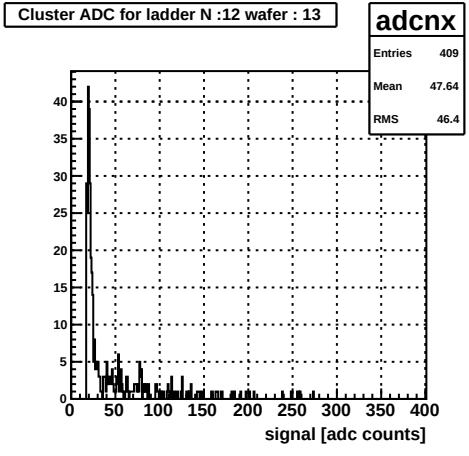

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 3234
Mean 28.27
RMS 30.34
signal [adc counts]

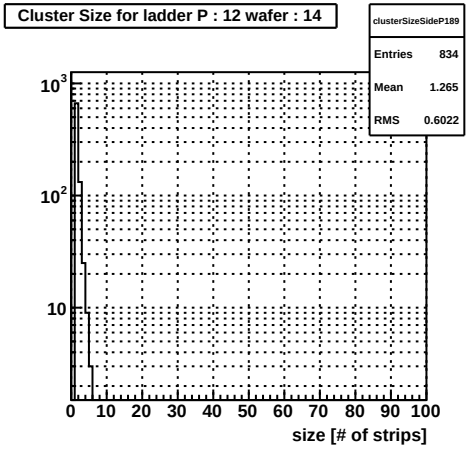

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 303
Mean 1.208
RMS 0.6077
size [# of strips]

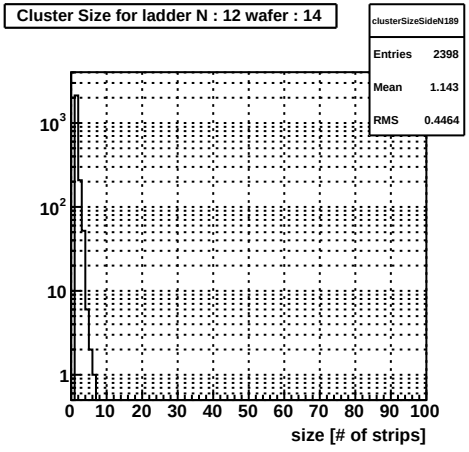

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 409
Mean 1.357
RMS 0.7785
size [# of strips]

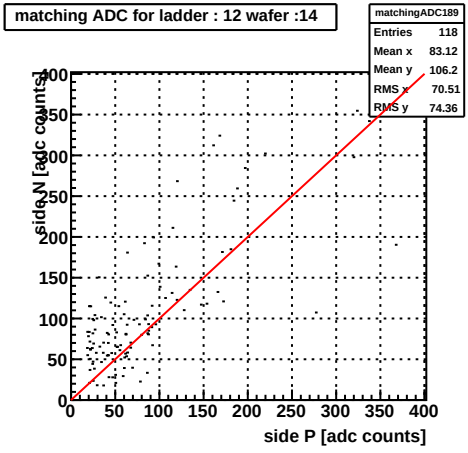

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

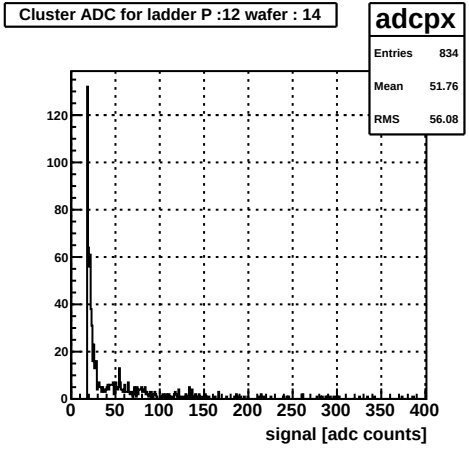

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 303
Mean 43.24
RMS 44.05
signal [adc counts]

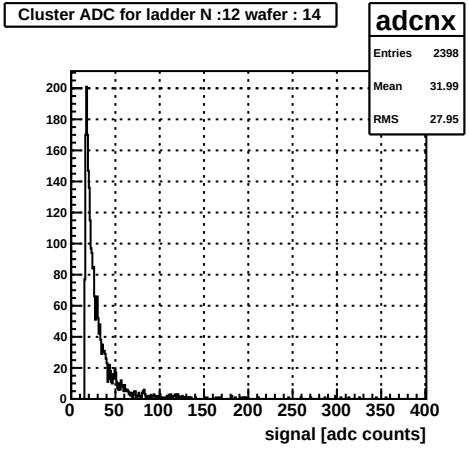

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 409
Mean 47.64
RMS 46.4
signal [adc counts]

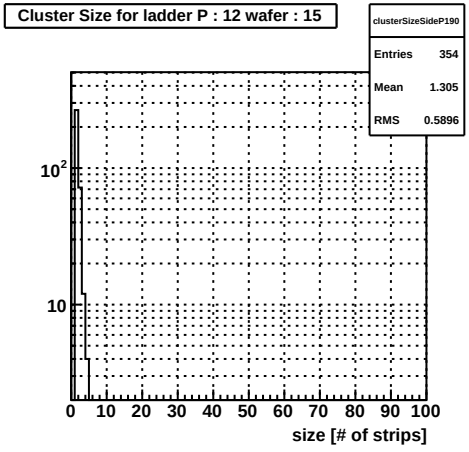

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 834
Mean 1.265
RMS 0.6022
size [# of strips]

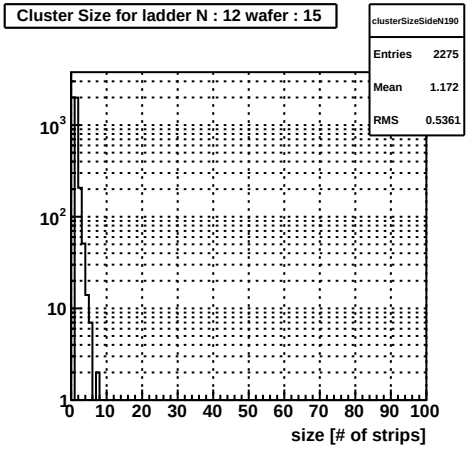

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 2398
Mean 1.143
RMS 0.4464
size [# of strips]

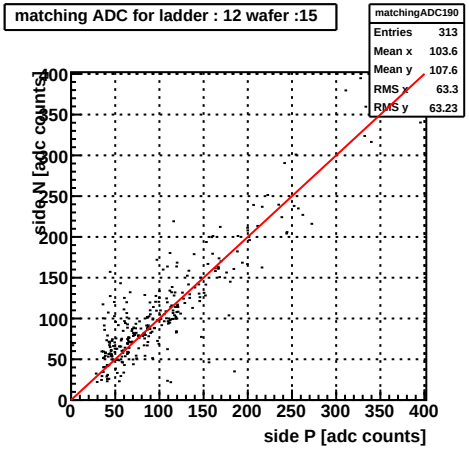

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 118
Mean x 83.12
Mean y 106.2
RMS x 70.51
RMS y 74.36
side N [adc counts]
side P [adc counts]

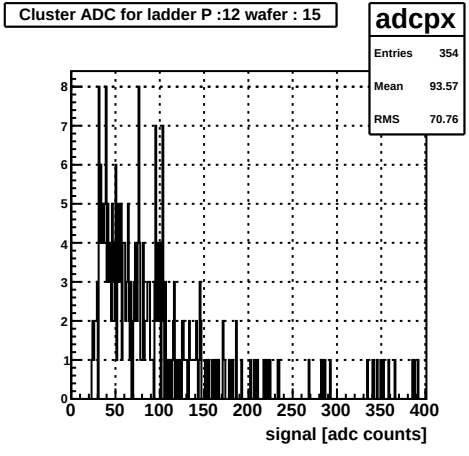

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 834
Mean 51.76
RMS 56.08
signal [adc counts]

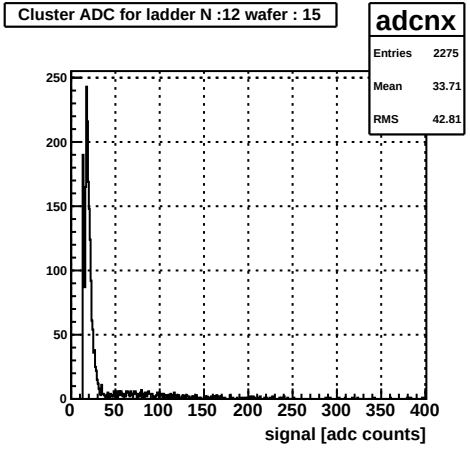

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 2398
Mean 31.99
RMS 27.95
signal [adc counts]

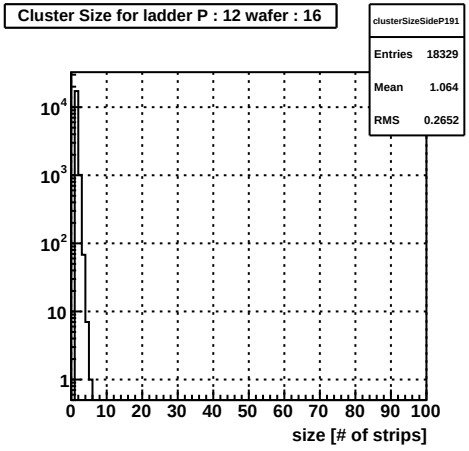

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 354
Mean 1.305
RMS 0.5896
size [# of strips]

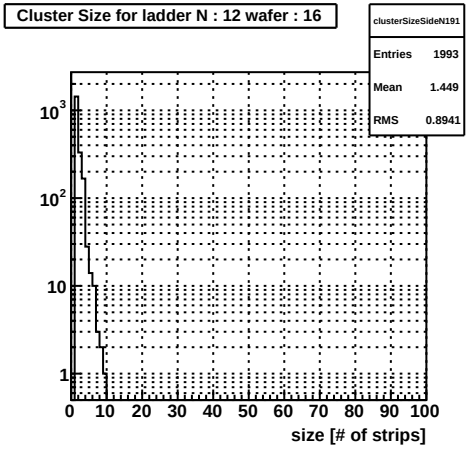

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 2275
Mean 1.172
RMS 0.5361
size [# of strips]

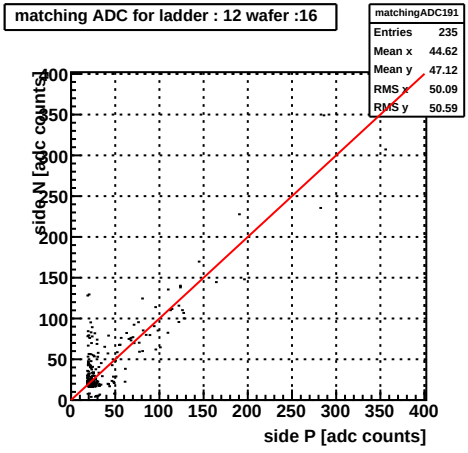

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 313
Mean x 103.6
Mean y 107.6
RMS x 63.3
RMS y 63.23
side N [adc counts]
side P [adc counts]

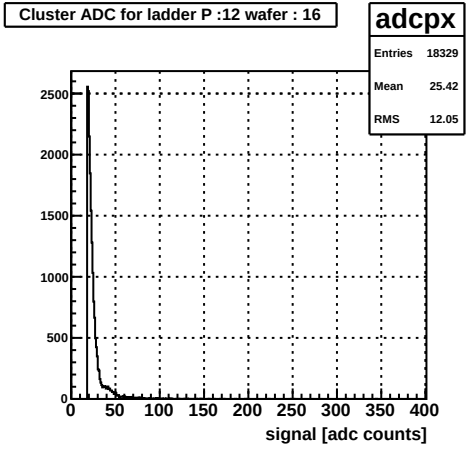

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 354
Mean 93.57
RMS 70.76
signal [adc counts]

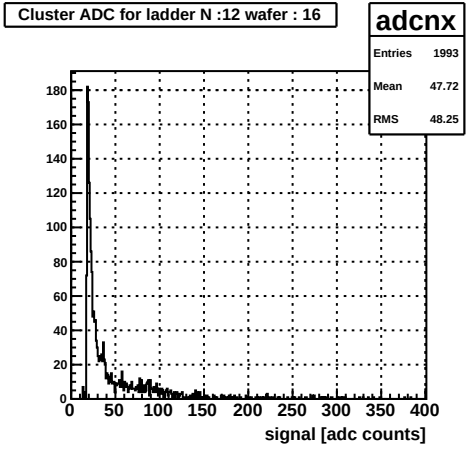

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 2275
Mean 33.71
RMS 42.81
signal [adc counts]

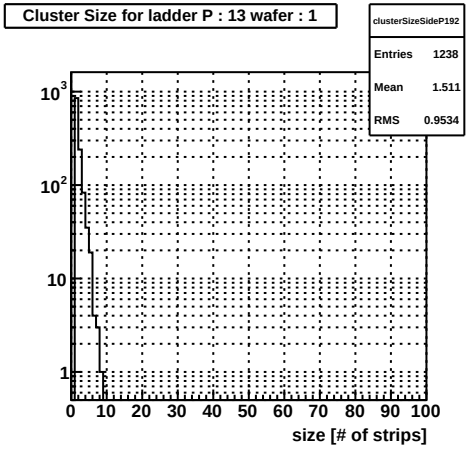

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 18329
Mean 1.064
RMS 0.2652
size [# of strips]

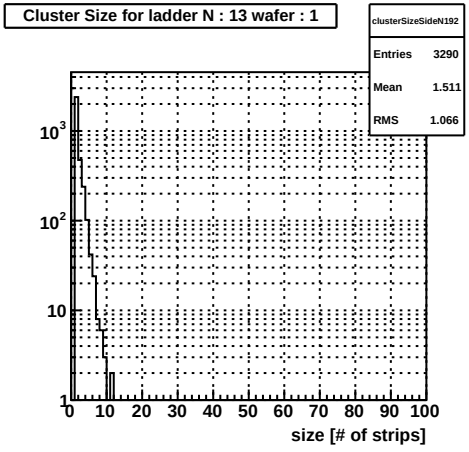

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 1993
Mean 1.449
RMS 0.8941
size [# of strips]

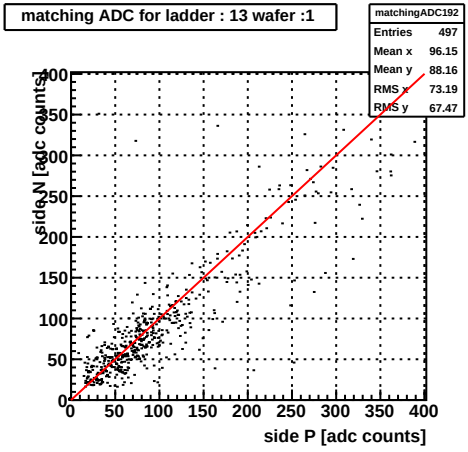

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 235
Mean x 44.62
Mean y 47.12
RMS x 50.09
RMS y 50.59
side N [adc counts]
side P [adc counts]

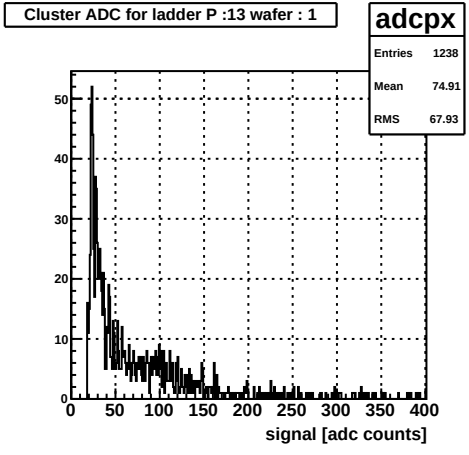

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 18329
Mean 25.42
RMS 12.05
signal [adc counts]

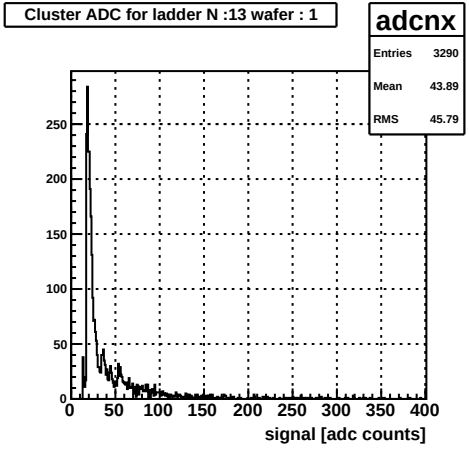

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 1993
Mean 47.72
RMS 48.25
signal [adc counts]

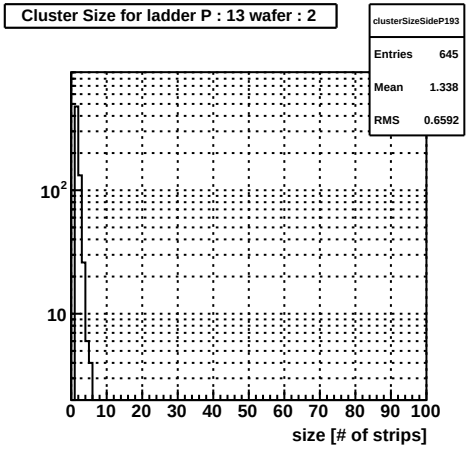

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 1238
Mean 1.511
RMS 0.9534
size [# of strips]

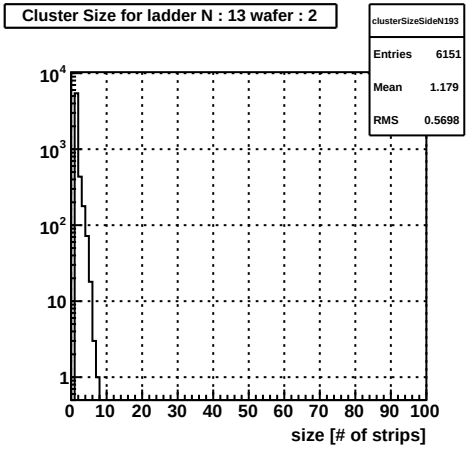

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 3290
Mean 1.511
RMS 1.066
size [# of strips]

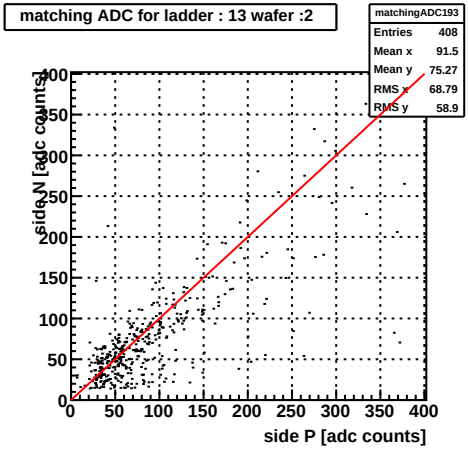

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 497
Mean x 96.15
Mean y 88.16
RMS x 73.19
RMS y 67.47
side N [adc counts]
side P [adc counts]

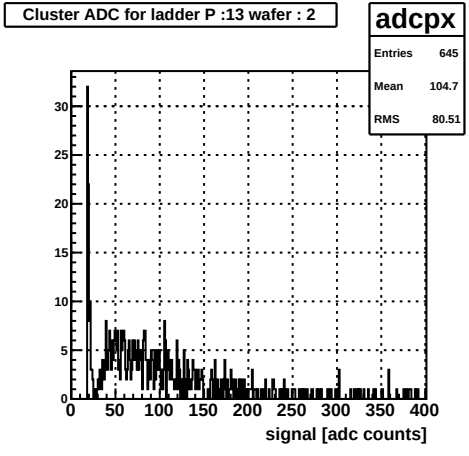

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 1238
Mean 74.91
RMS 67.93
signal [adc counts]

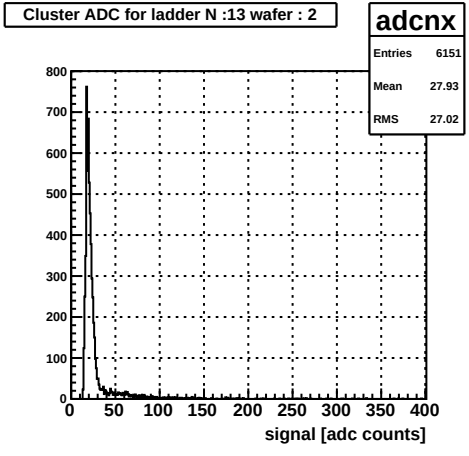

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 3290
Mean 43.89
RMS 45.79
signal [adc counts]

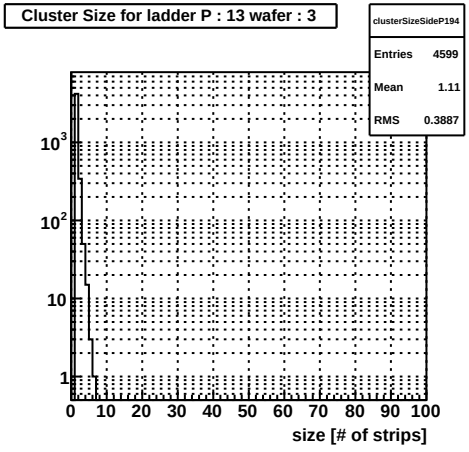

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 645
Mean 1.338
RMS 0.6592
size [# of strips]

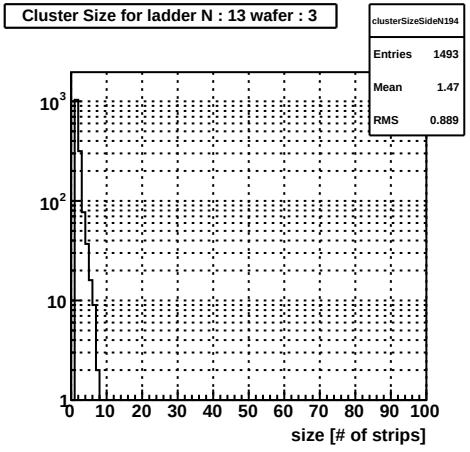

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 6151
Mean 1.179
RMS 0.5698
size [# of strips]

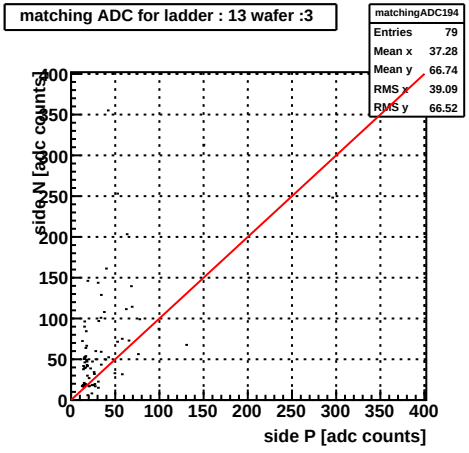

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 408
Mean x 91.5
Mean y 75.27
RMS x 68.79
RMS y 58.9
side N [adc counts]
side P [adc counts]

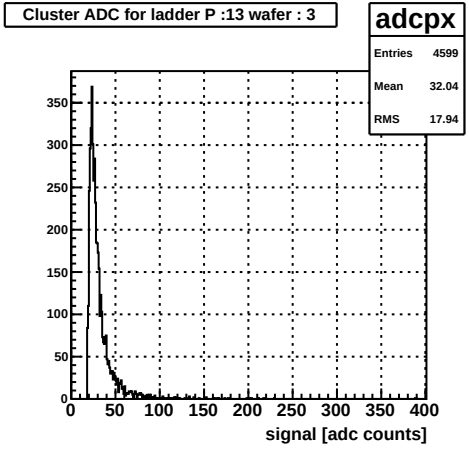

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 645
Mean 104.7
RMS 80.51
signal [adc counts]

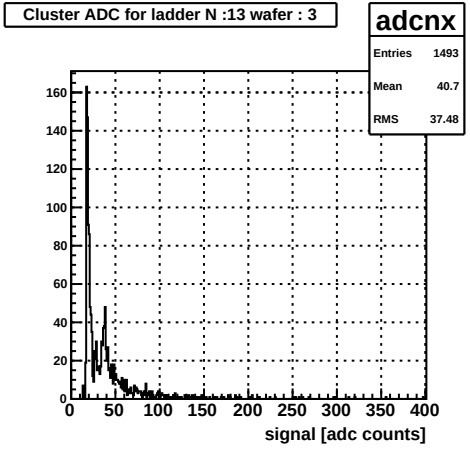

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 6151
Mean 27.93
RMS 27.02
signal [adc counts]

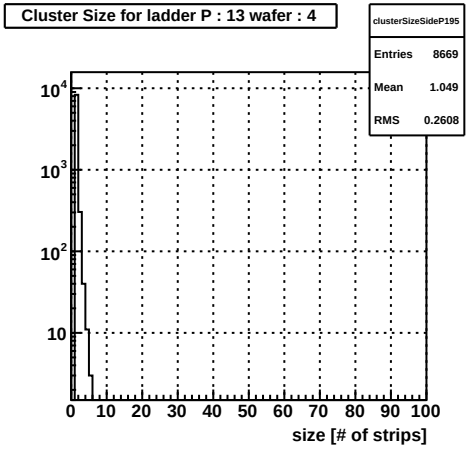

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 4599
Mean 1.11
RMS 0.3887
size [# of strips]

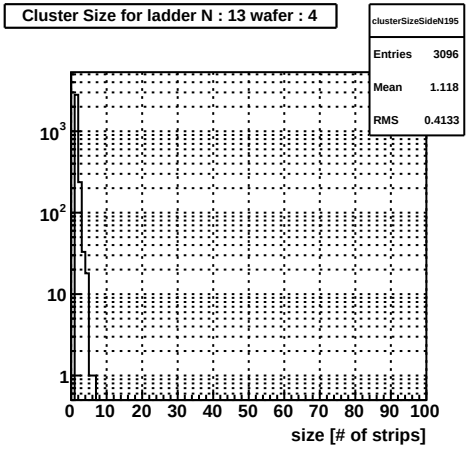

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 1493
Mean 1.47
RMS 0.889
size [# of strips]

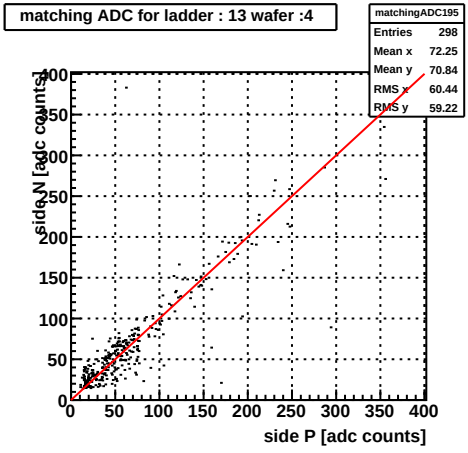

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 79
Mean x 37.28
Mean y 66.74
RMS x 39.09
RMS y 66.52
side N [adc counts]
side P [adc counts]

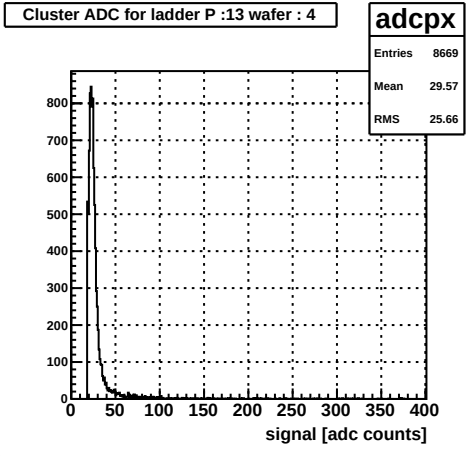

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 4599
Mean 32.04
RMS 17.94
signal [adc counts]

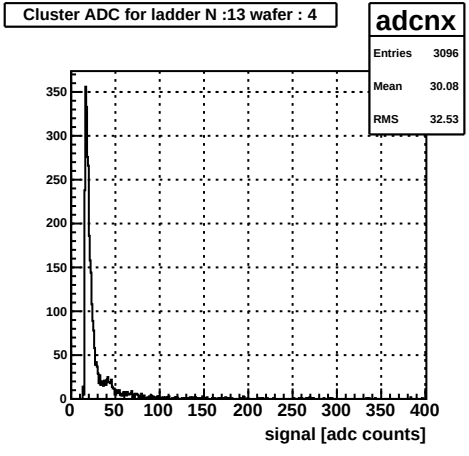

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 1493
Mean 40.7
RMS 37.48
signal [adc counts]

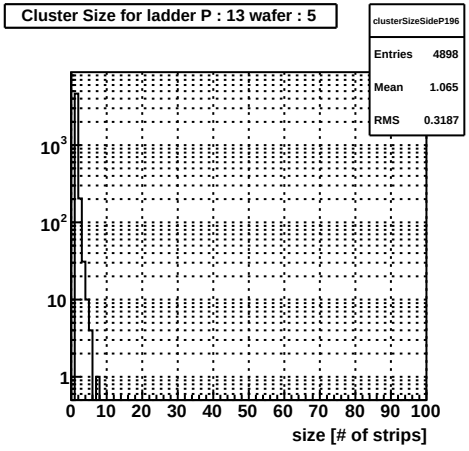

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 8669
Mean 1.049
RMS 0.2608
size [# of strips]

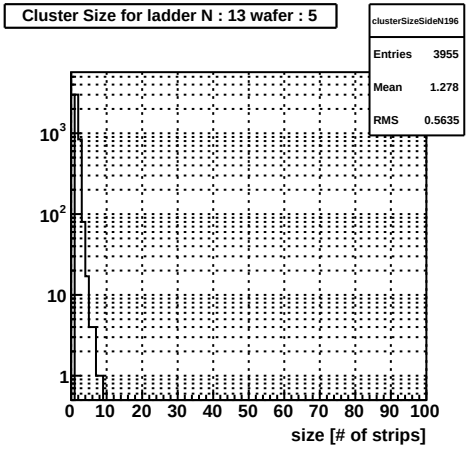

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 3096
Mean 1.118
RMS 0.4133
size [# of strips]

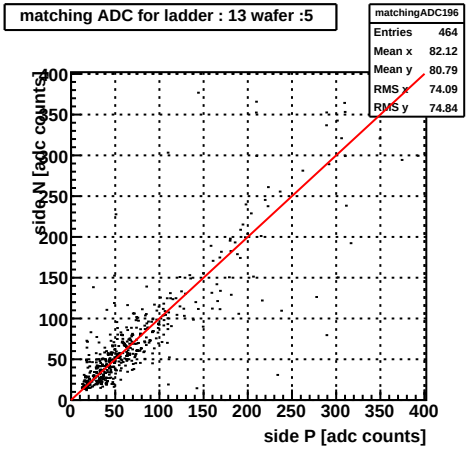

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 298
Mean x 72.25
Mean y 70.84
RMS x 60.44
RMS y 59.22
side N [adc counts]
side P [adc counts]

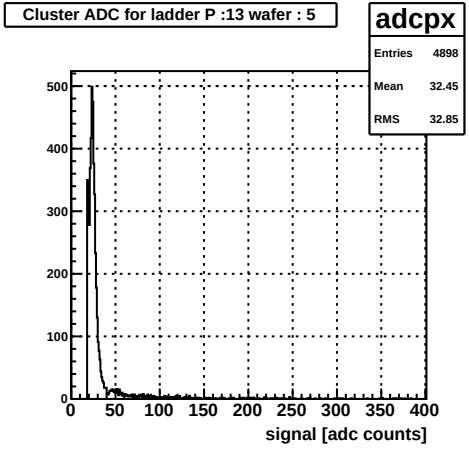

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 8669
Mean 29.57
RMS 25.66
signal [adc counts]

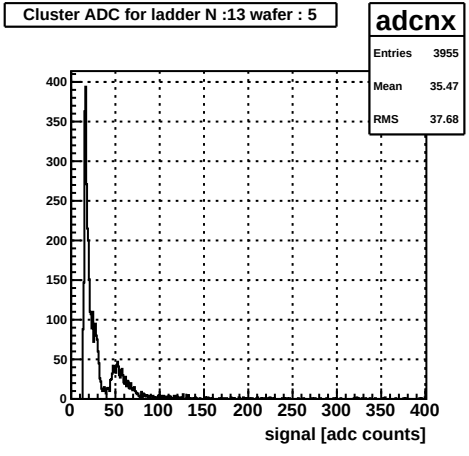

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 3096
Mean 30.08
RMS 32.53
signal [adc counts]

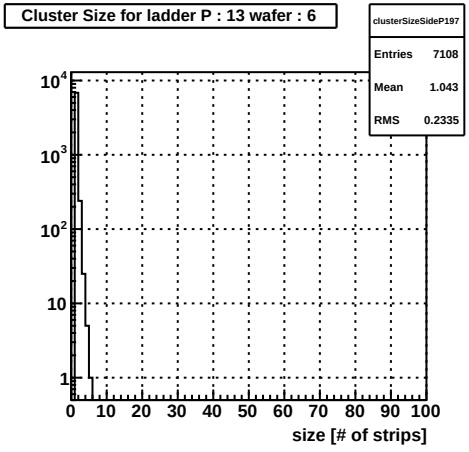

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 4898
Mean 1.065
RMS 0.3187
size [# of strips]

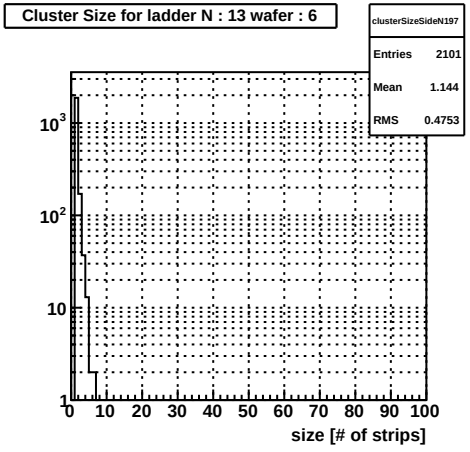

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 3955
Mean 1.278
RMS 0.5635
size [# of strips]

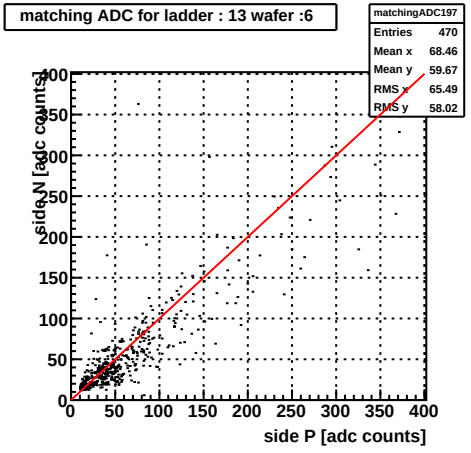

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 464
Mean x 82.12
Mean y 80.79
RMS x 74.09
RMS y 74.84
side N [adc counts]
side P [adc counts]

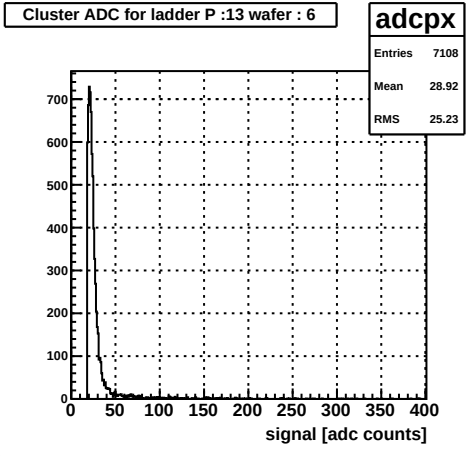

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 4898
Mean 32.45
RMS 32.85
signal [adc counts]

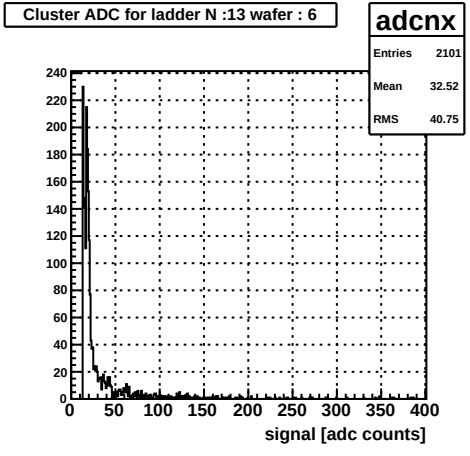

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 3955
Mean 35.47
RMS 37.68
signal [adc counts]

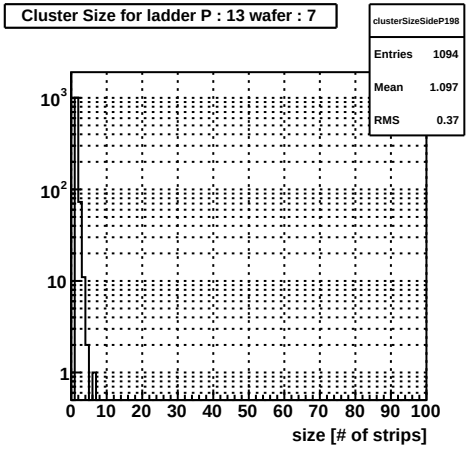

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 7108
Mean 1.043
RMS 0.2335
size [# of strips]

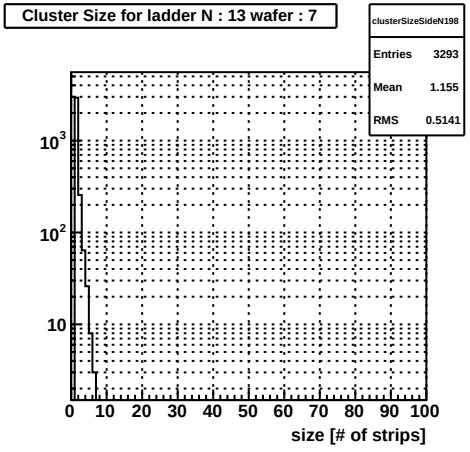

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 2101
Mean 1.144
RMS 0.4753
size [# of strips]

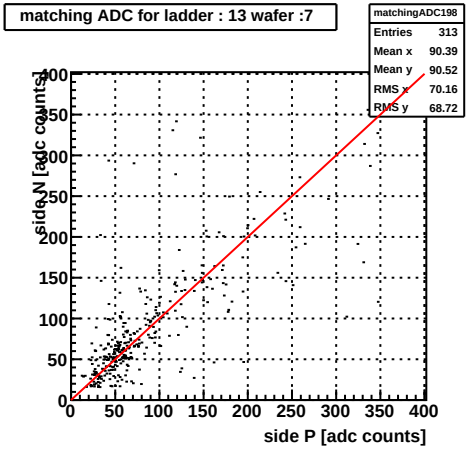

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 470
Mean x 68.46
Mean y 59.67
RMS x 65.49
RMS y 58.02
side N [adc counts]
side P [adc counts]

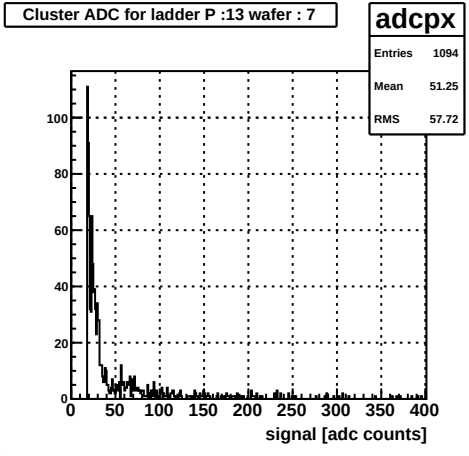

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 7108
Mean 28.92
RMS 25.23
signal [adc counts]

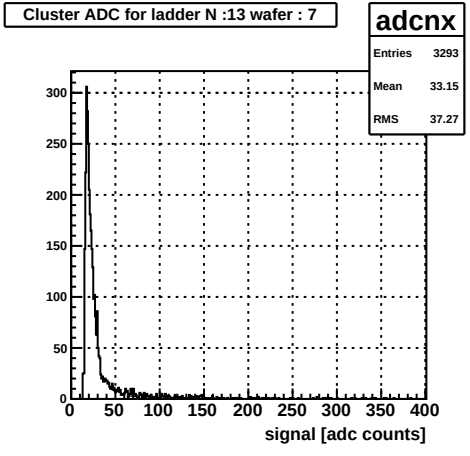

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 2101
Mean 32.52
RMS 40.75
signal [adc counts]

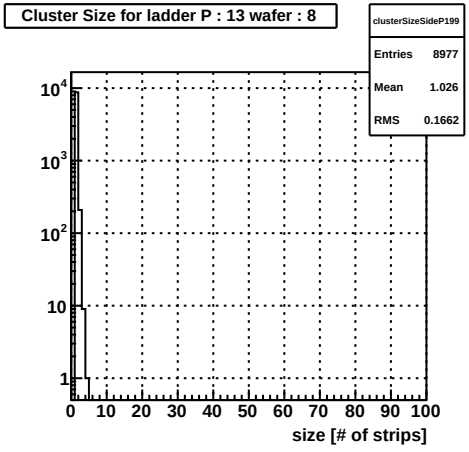

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 1094
Mean 1.097
RMS 0.37
size [# of strips]

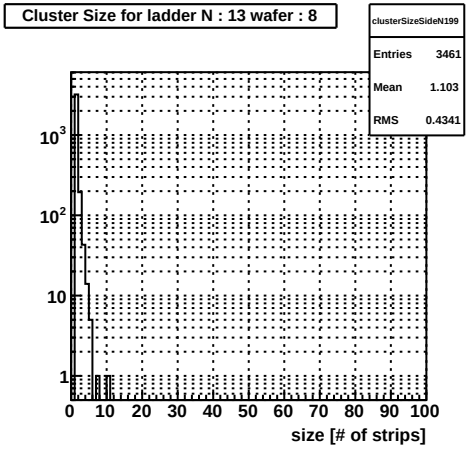

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 3293
Mean 1.155
RMS 0.5141
size [# of strips]

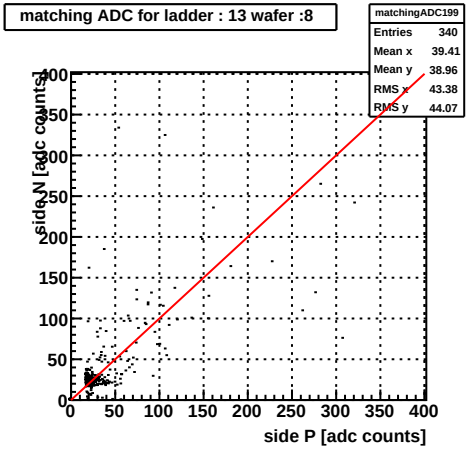

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 313
Mean x 90.39
Mean y 90.52
RMS x 70.16
RMS y 68.72
side N [adc counts]
side P [adc counts]

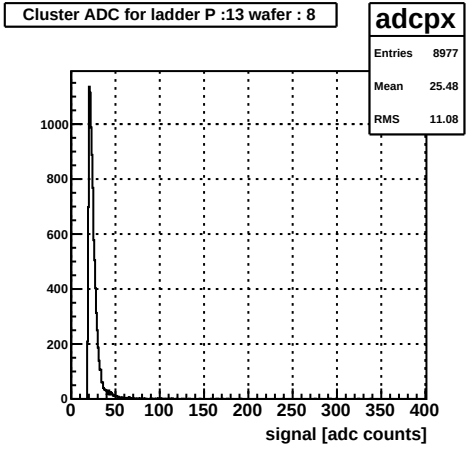

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 1094
Mean 51.25
RMS 57.72
signal [adc counts]

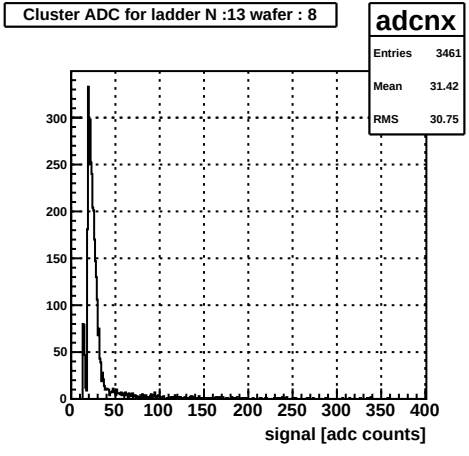

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 3293
Mean 33.15
RMS 37.27
signal [adc counts]

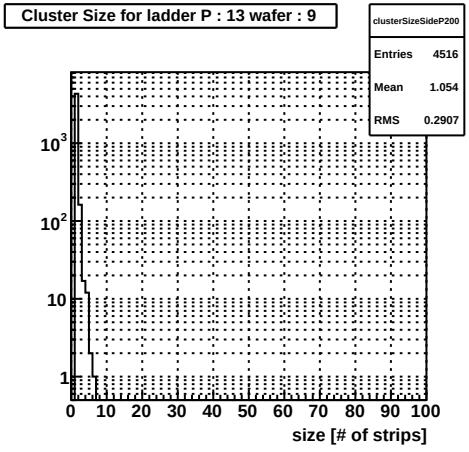

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 8977
Mean 1.026
RMS 0.1662
size [# of strips]

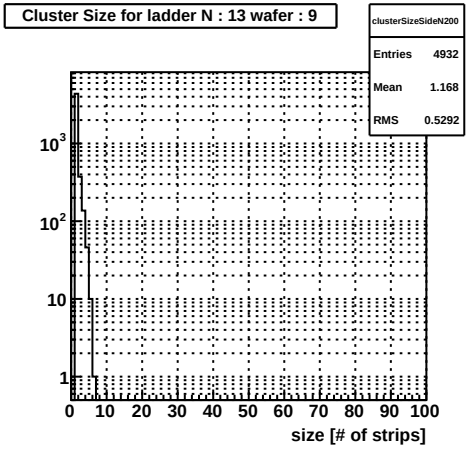

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 3461
Mean 1.103
RMS 0.4341
size [# of strips]

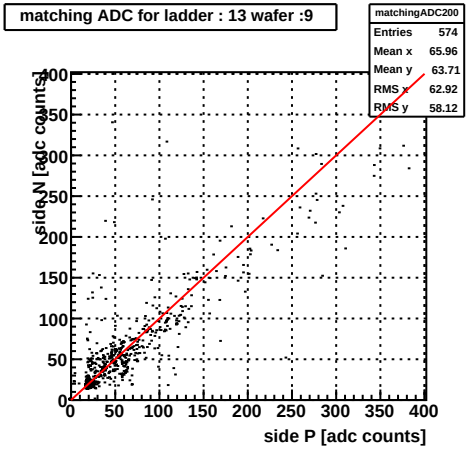

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 340
Mean x 39.41
Mean y 38.96
RMS x 43.38
RMS y 44.07
side N [adc counts]
side P [adc counts]

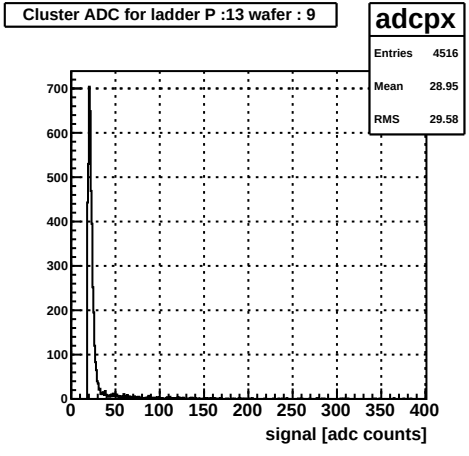

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 8977
Mean 25.48
RMS 11.08
signal [adc counts]

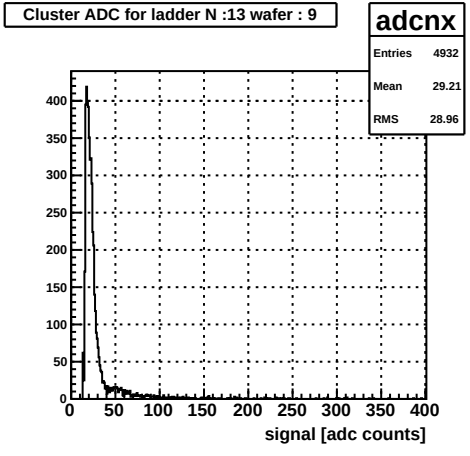

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 3461
Mean 31.42
RMS 30.75
signal [adc counts]

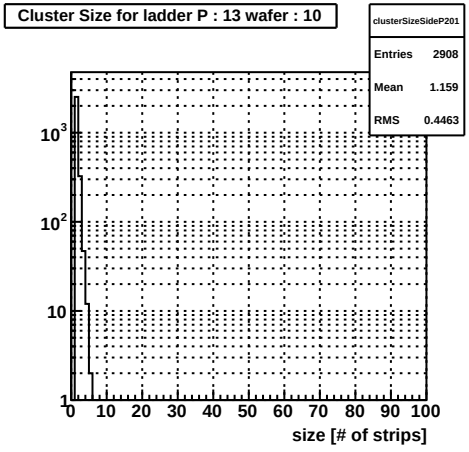

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 4516
Mean 1.054
RMS 0.2907
size [# of strips]

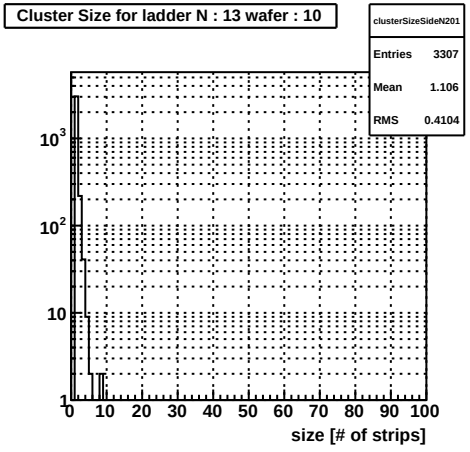

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 4932
Mean 1.168
RMS 0.5292
size [# of strips]

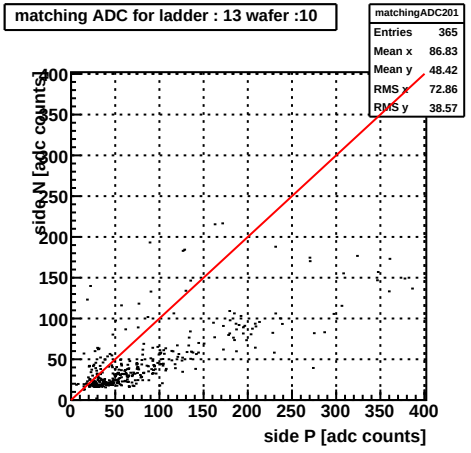

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 574
Mean x 65.96
Mean y 63.71
RMS x 62.92
RMS y 58.12
side N [adc counts]
side P [adc counts]

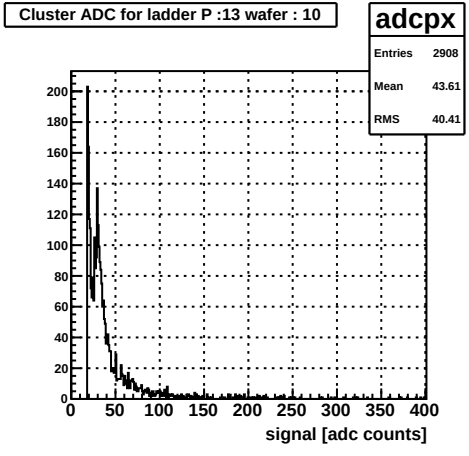

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 4516
Mean 28.95
RMS 29.58
signal [adc counts]

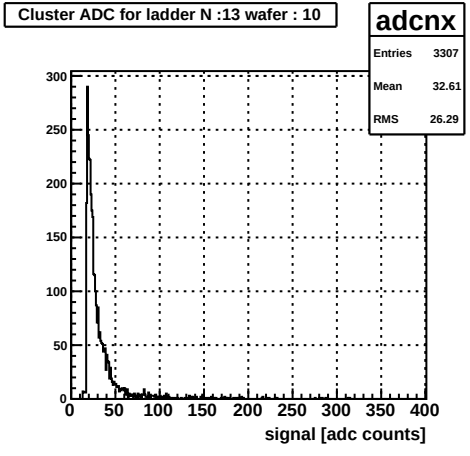

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 4932
Mean 29.21
RMS 28.96
signal [adc counts]

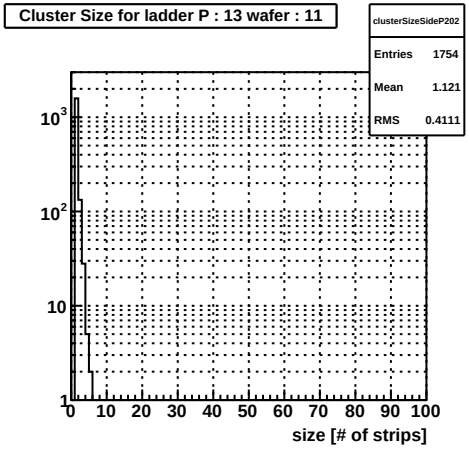

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 2908
Mean 1.159
RMS 0.4463
size [# of strips]

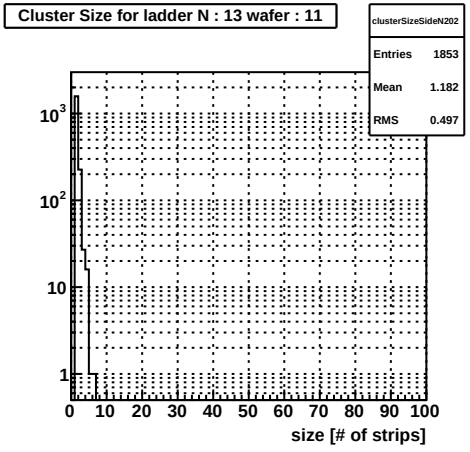

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 3307
Mean 1.106
RMS 0.4104
size [# of strips]

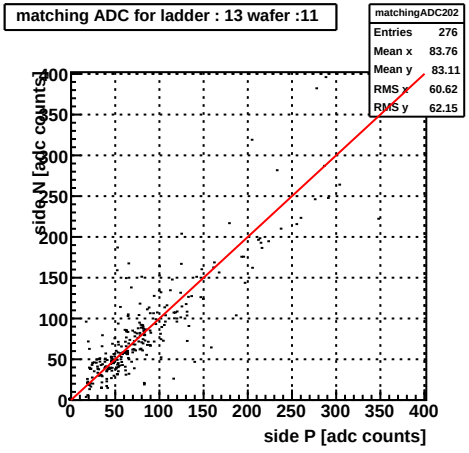

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 365
Mean x 86.83
Mean y 48.42
RMS x 72.86
RMS y 38.57
side N [adc counts]
side P [adc counts]

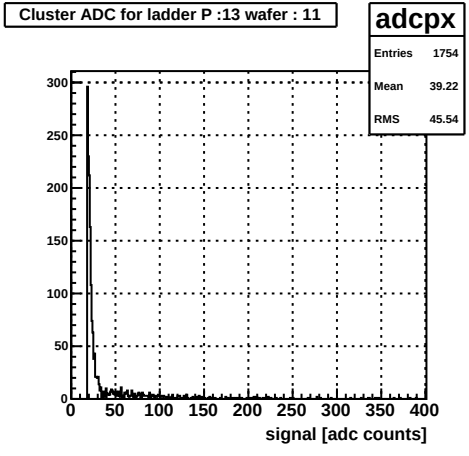

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 2908
Mean 43.61
RMS 40.41
signal [adc counts]

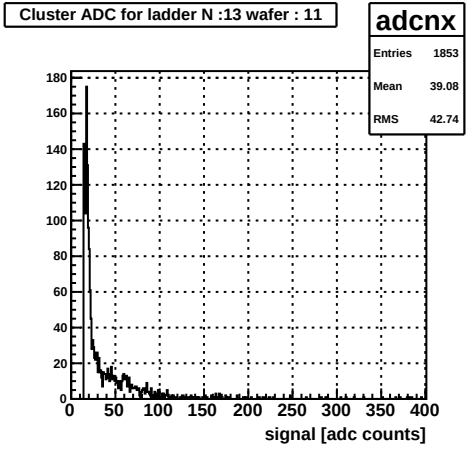

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 3307
Mean 32.61
RMS 26.29
signal [adc counts]

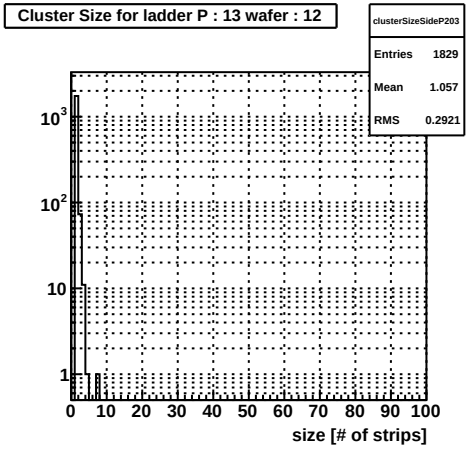

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 1754
Mean 1.121
RMS 0.4111
size [# of strips]

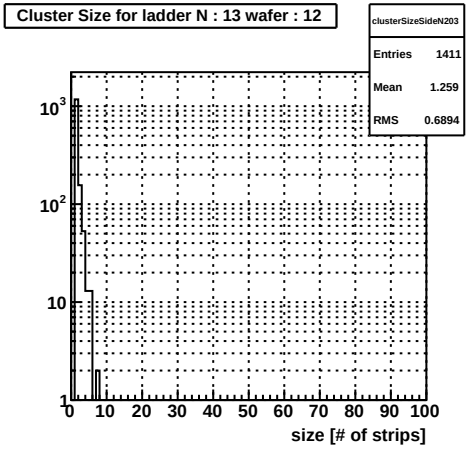

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 1853
Mean 1.182
RMS 0.497
size [# of strips]

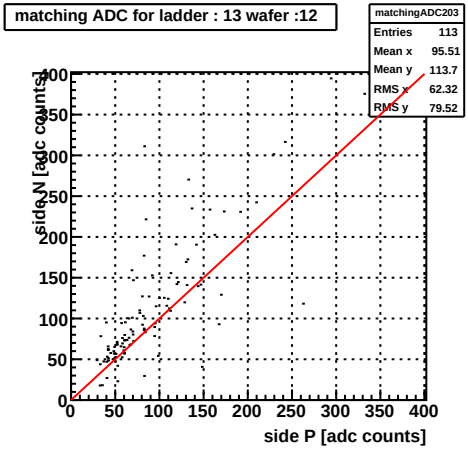

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 276
Mean x 83.76
Mean y 83.11
RMS x 60.62
RMS y 62.15
side N [adc counts]
side P [adc counts]

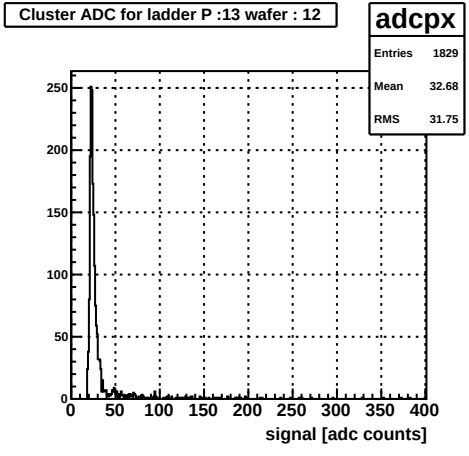

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 1754
Mean 39.22
RMS 45.54
signal [adc counts]

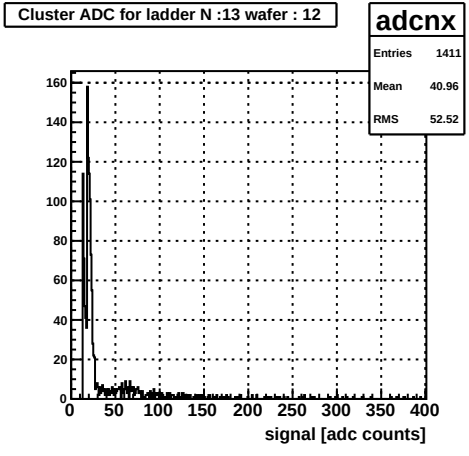

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 1853
Mean 39.08
RMS 42.74
signal [adc counts]

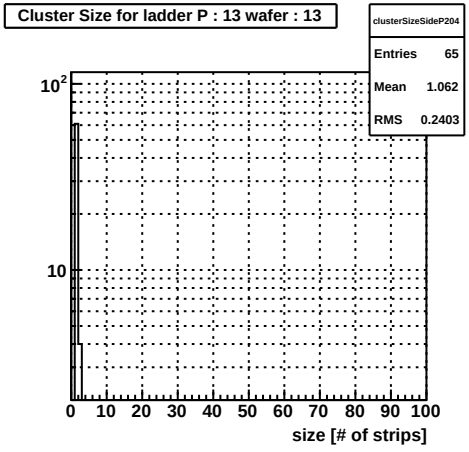

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 1829
Mean 1.057
RMS 0.2921
size [# of strips]

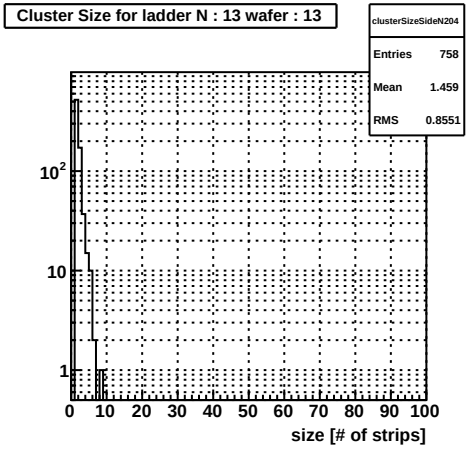

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 1411
Mean 1.259
RMS 0.6894
size [# of strips]

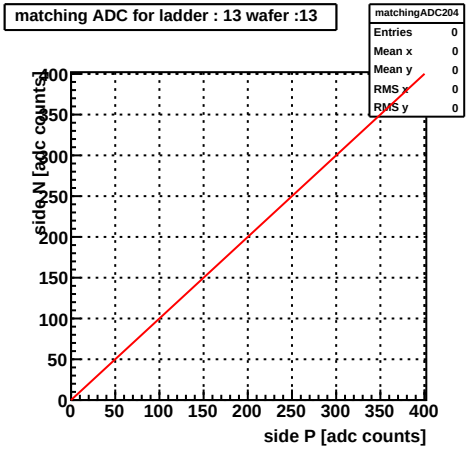

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 113
Mean x 95.51
Mean y 113.7
RMS x 62.32
RMS y 79.52
side N [adc counts]
side P [adc counts]

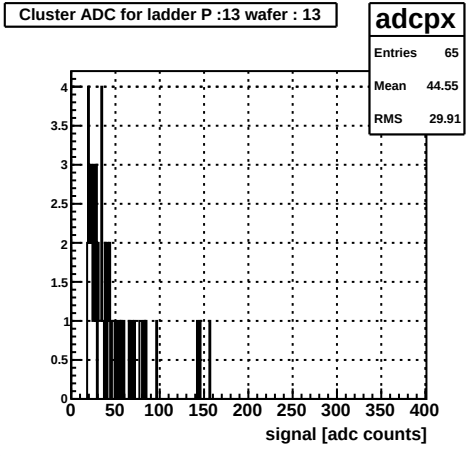

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 1829
Mean 32.68
RMS 31.75
signal [adc counts]

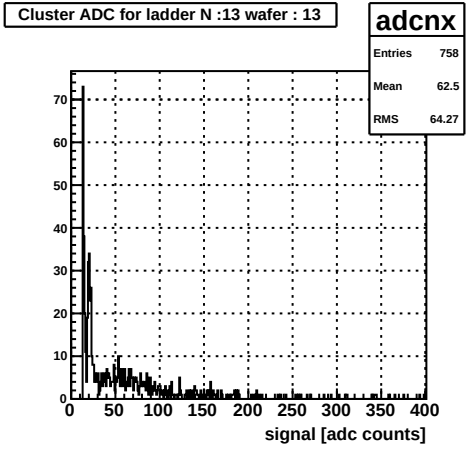

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 1411
Mean 40.96
RMS 52.52
signal [adc counts]

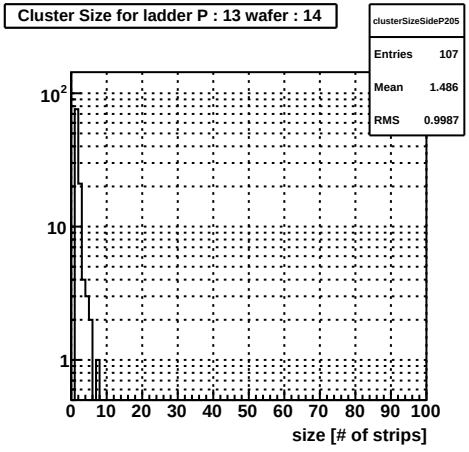

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 65
Mean 1.062
RMS 0.2403
size [# of strips]

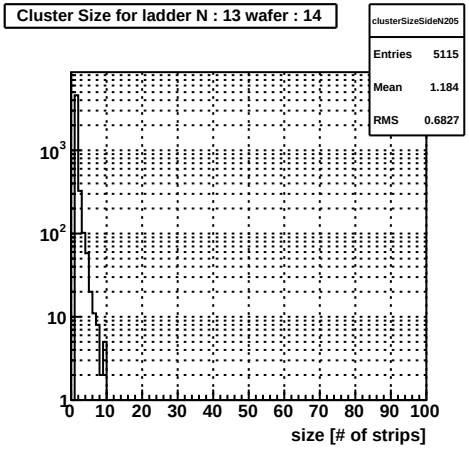

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 758
Mean 1.459
RMS 0.8551
size [# of strips]

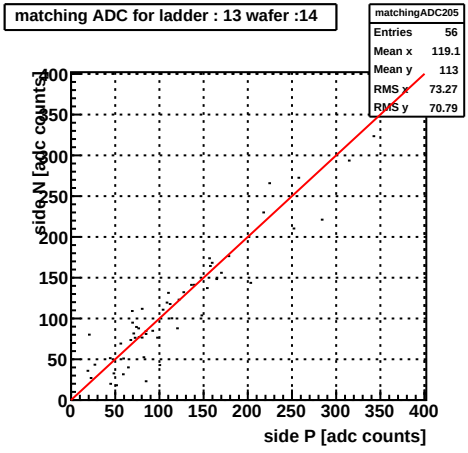

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

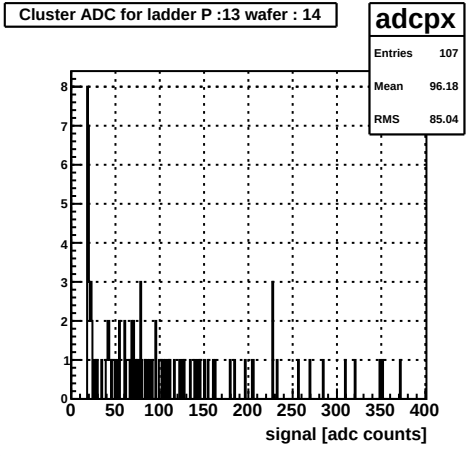

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 65
Mean 44.55
RMS 29.91
signal [adc counts]

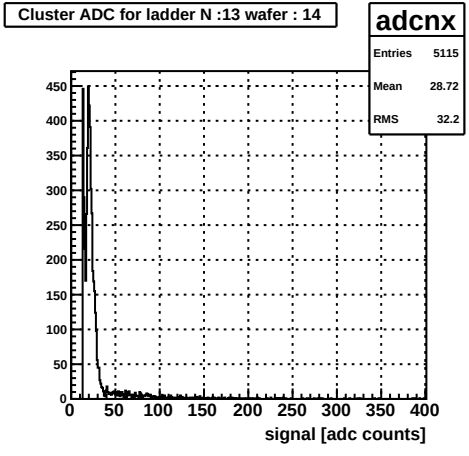

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 758
Mean 62.5
RMS 64.27
signal [adc counts]

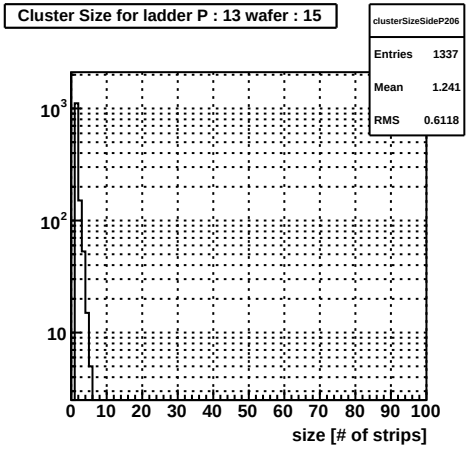

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 107
Mean 1.486
RMS 0.9987
size [# of strips]

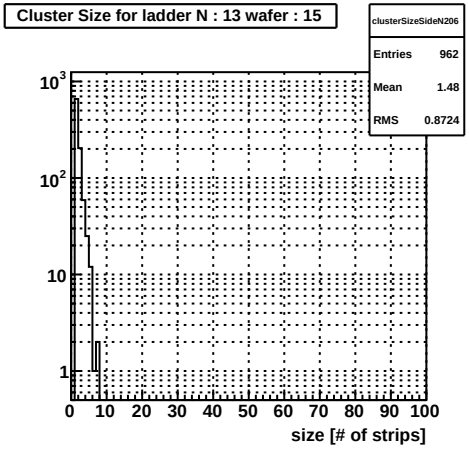

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 5115
Mean 1.184
RMS 0.6827
size [# of strips]

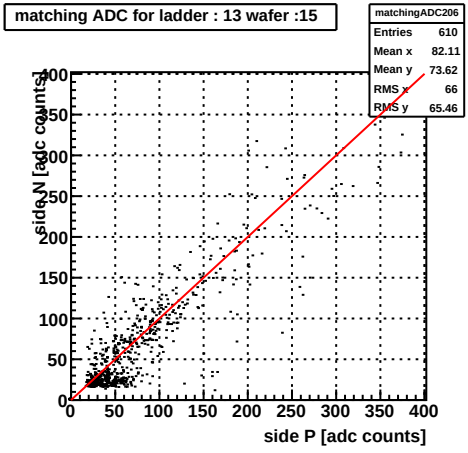

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 56
Mean x 119.1
Mean y 113
RMS x 73.27
RMS y 70.79
side N [adc counts]
side P [adc counts]

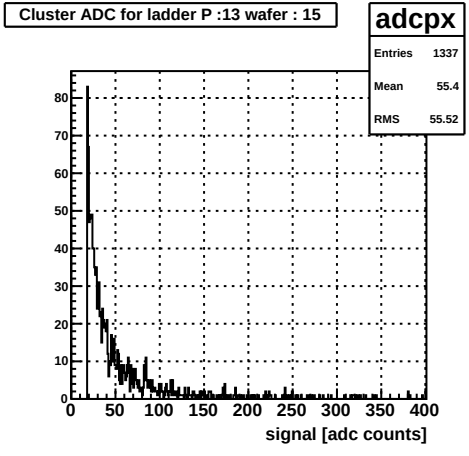

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 107
Mean 96.18
RMS 85.04
signal [adc counts]

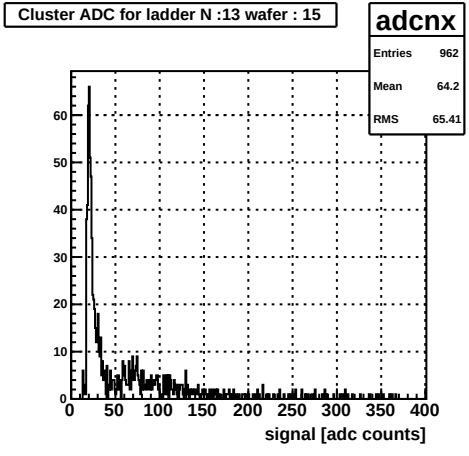

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 5115
Mean 28.72
RMS 32.2
signal [adc counts]

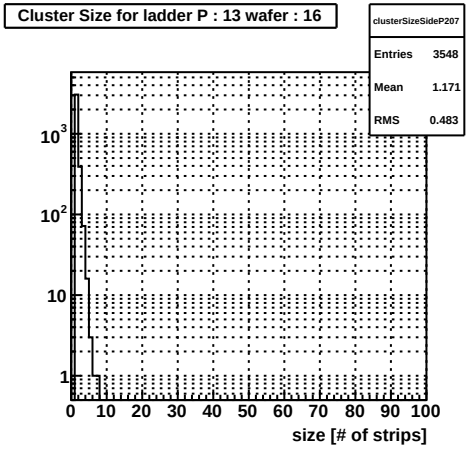

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 1337
Mean 1.241
RMS 0.6118
size [# of strips]

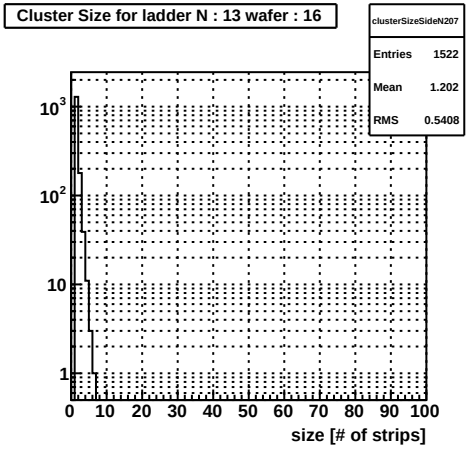

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 962
Mean 1.48
RMS 0.8724
size [# of strips]

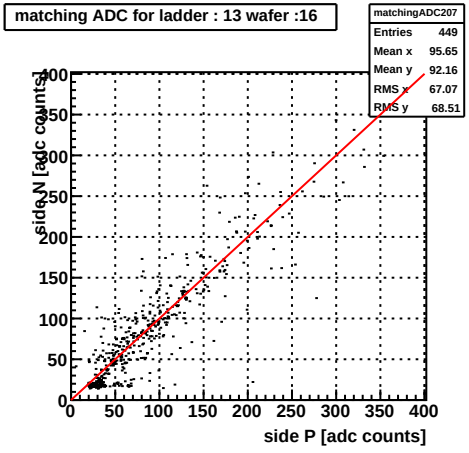

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 610
Mean x 82.11
Mean y 73.62
RMS x 66
RMS y 65.46
side N [adc counts]
side P [adc counts]

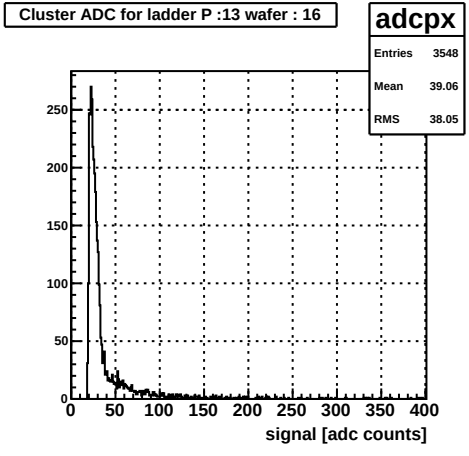

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 1337
Mean 55.4
RMS 55.52
signal [adc counts]

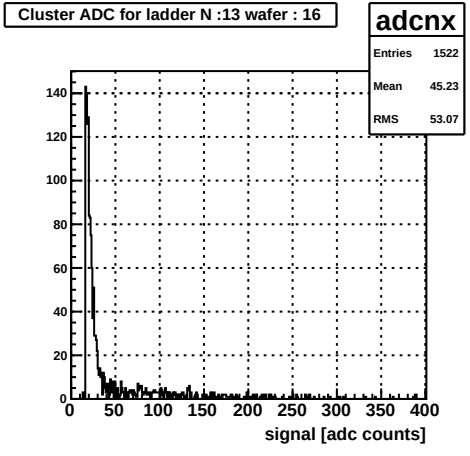

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 962
Mean 64.2
RMS 65.41
signal [adc counts]

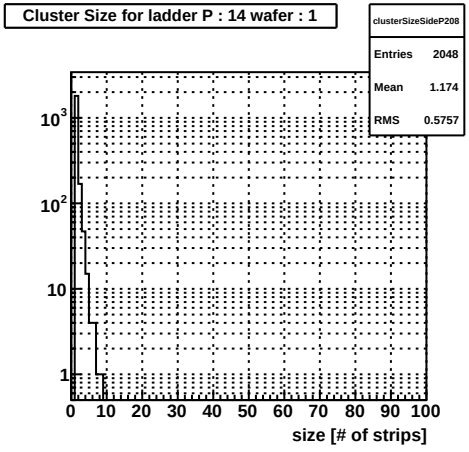

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 3548
Mean 1.171
RMS 0.483
size [# of strips]

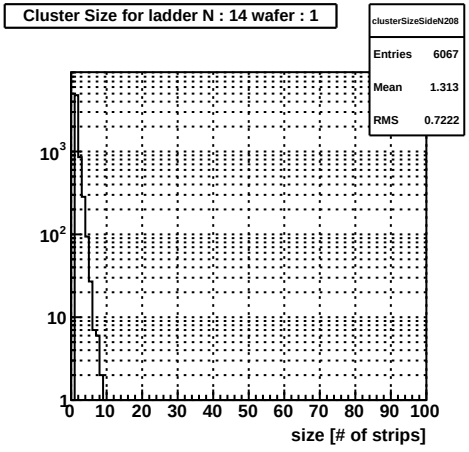

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 1522
Mean 1.202
RMS 0.5408
size [# of strips]

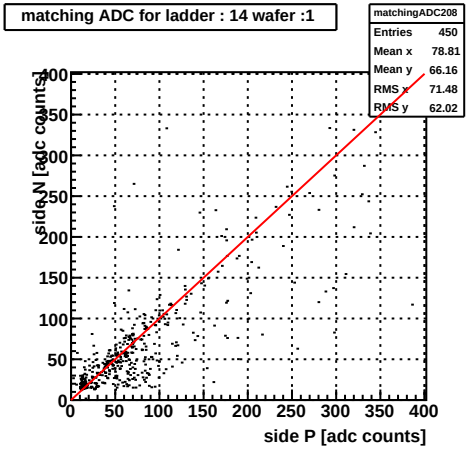

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 449
Mean x 95.65
Mean y 92.16
RMS x 67.07
RMS y 68.51
side N [adc counts]
side P [adc counts]

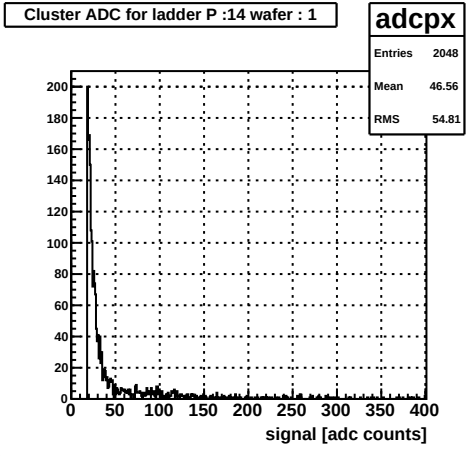

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 3548
Mean 39.06
RMS 38.05
signal [adc counts]

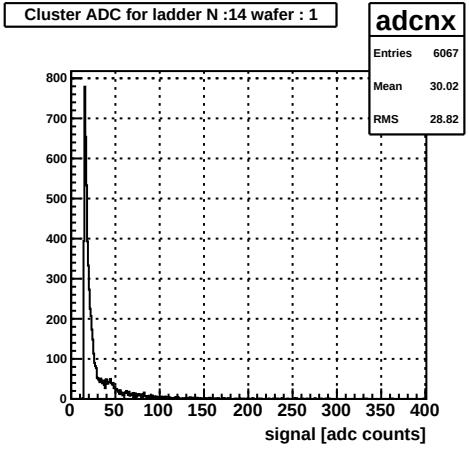

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 1522
Mean 45.23
RMS 53.07
signal [adc counts]

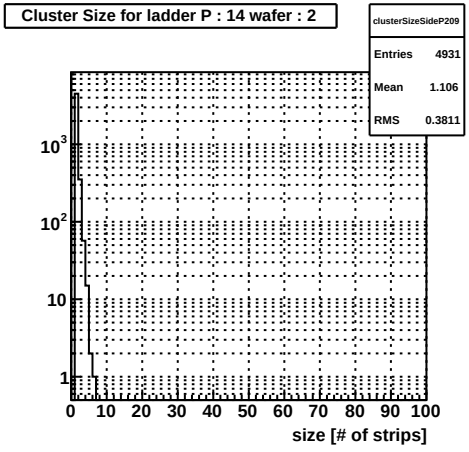

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 2048
Mean 1.174
RMS 0.5757
size [# of strips]

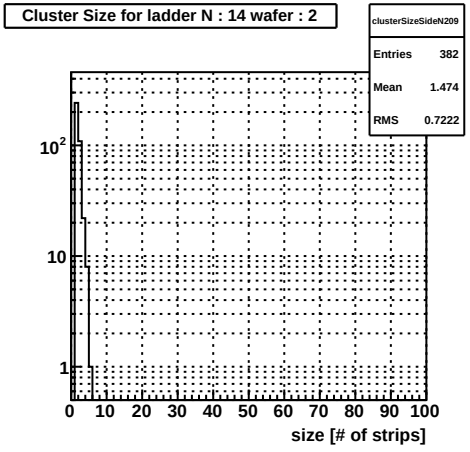

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 6067
Mean 1.313
RMS 0.7222
size [# of strips]

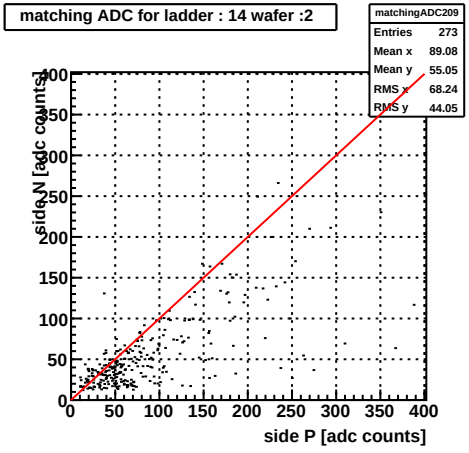

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 450
Mean x 78.81
Mean y 66.16
RMS x 71.48
RMS y 62.02
side N [adc counts]
side P [adc counts]

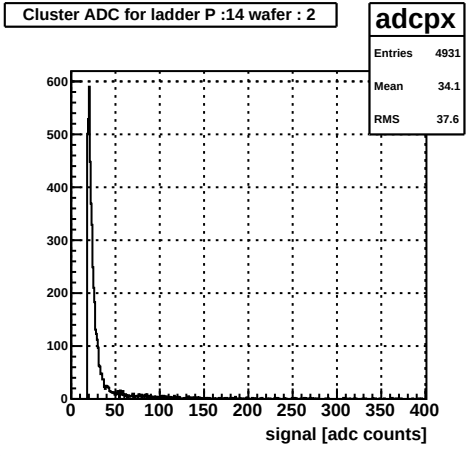

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 2048
Mean 46.56
RMS 54.81
signal [adc counts]

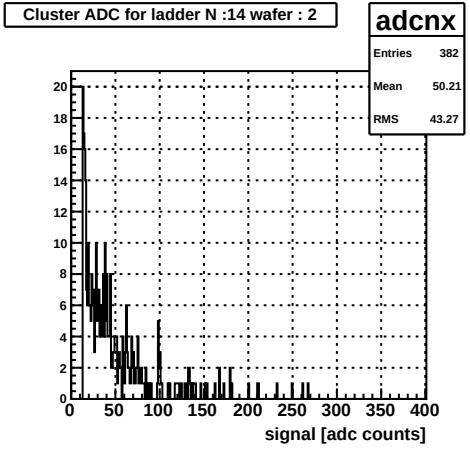

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 6067
Mean 30.02
RMS 28.82
signal [adc counts]

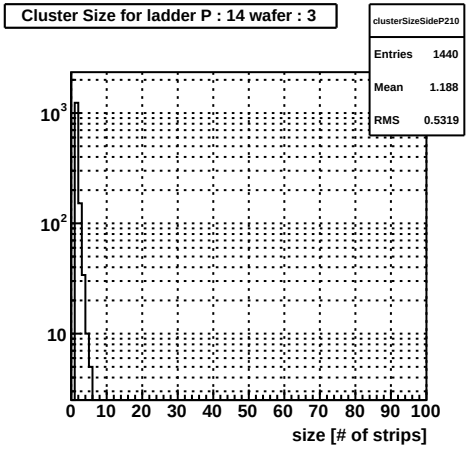

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 4931
Mean 1.106
RMS 0.3811
size [# of strips]

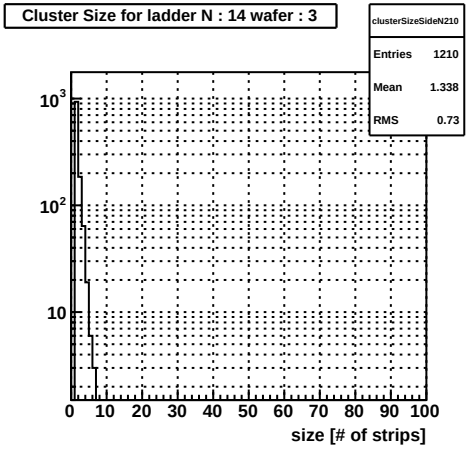

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 382
Mean 1.474
RMS 0.7222
size [# of strips]

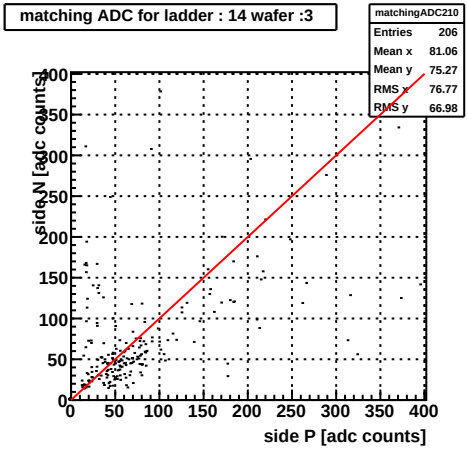

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 273
Mean x 89.08
Mean y 55.05
RMS x 68.24
RMS y 44.05
side N [adc counts]
side P [adc counts]

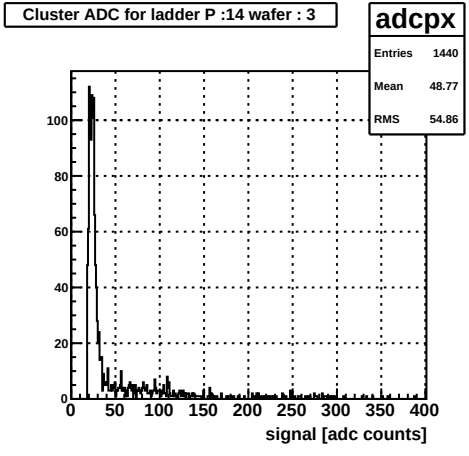

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 4931
Mean 34.1
RMS 37.6
signal [adc counts]

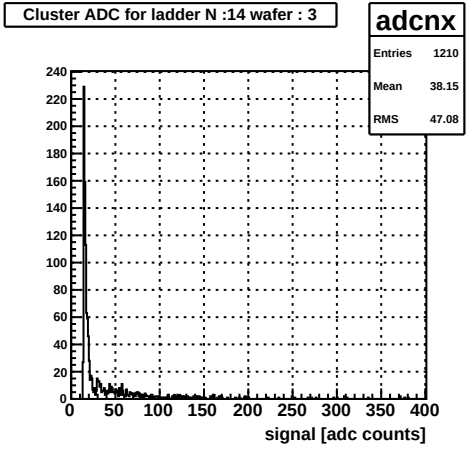

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 382
Mean 50.21
RMS 43.27
signal [adc counts]

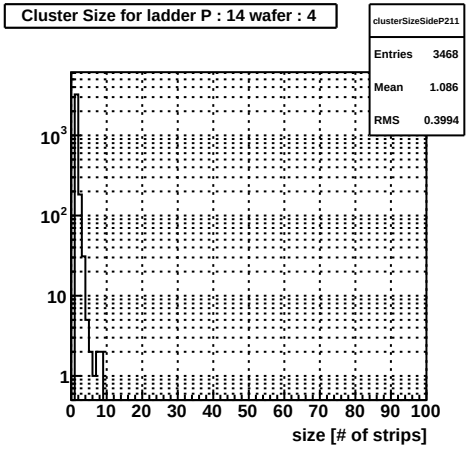

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 1440
Mean 1.188
RMS 0.5319
size [# of strips]

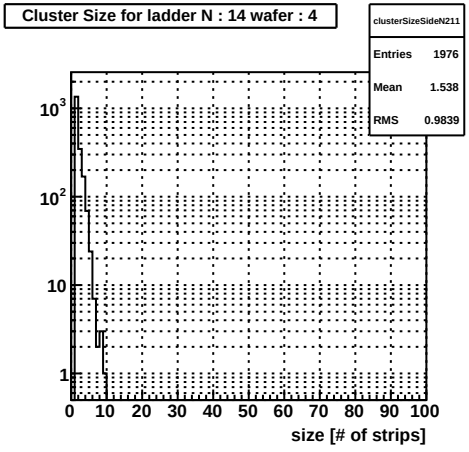

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 1210
Mean 1.338
RMS 0.73
size [# of strips]

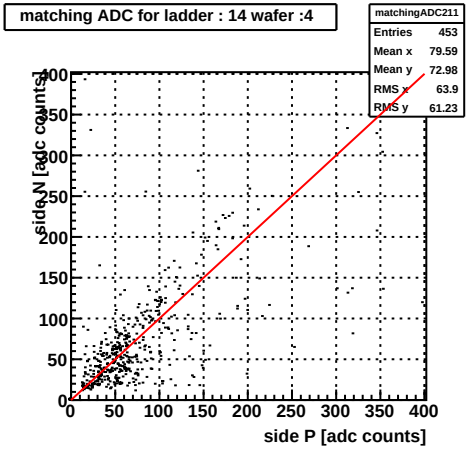

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 206
Mean x 81.06
Mean y 75.27
RMS x 76.77
RMS y 66.98
side N [adc counts]
side P [adc counts]

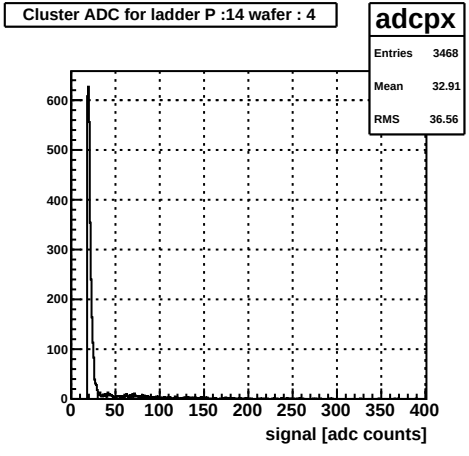

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 1440
Mean 48.77
RMS 54.86
signal [adc counts]

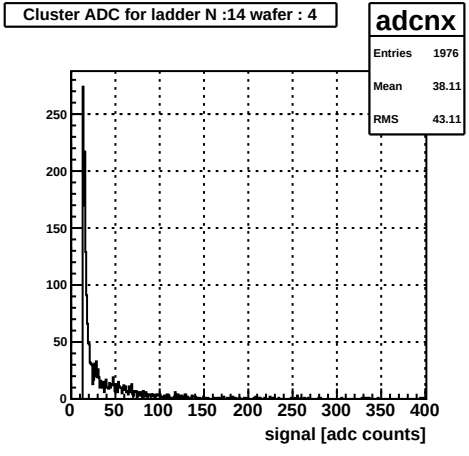

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 1210
Mean 38.15
RMS 47.08
signal [adc counts]

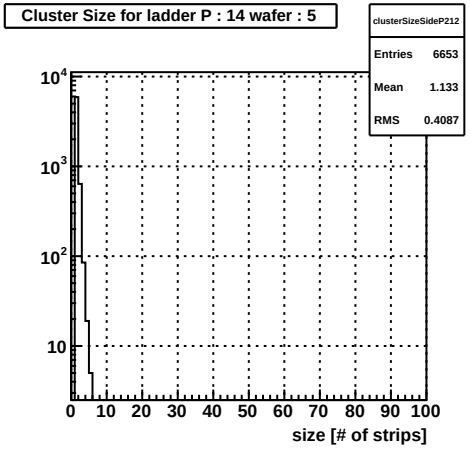

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 3468
Mean 1.086
RMS 0.3994
size [# of strips]

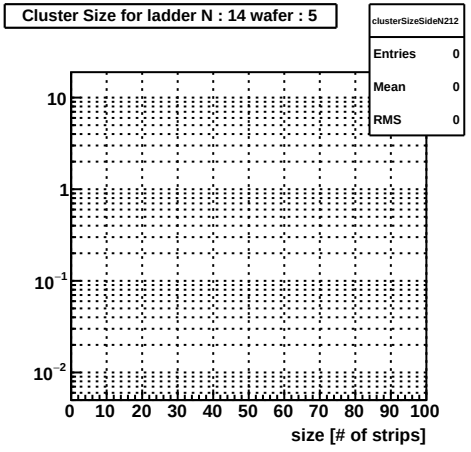

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 1976
Mean 1.538
RMS 0.9839
size [# of strips]

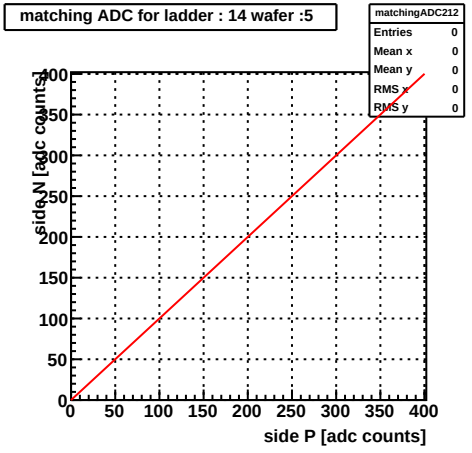

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 453
Mean x 79.59
Mean y 72.98
RMS x 63.9
RMS y 61.23
side N [adc counts]
side P [adc counts]

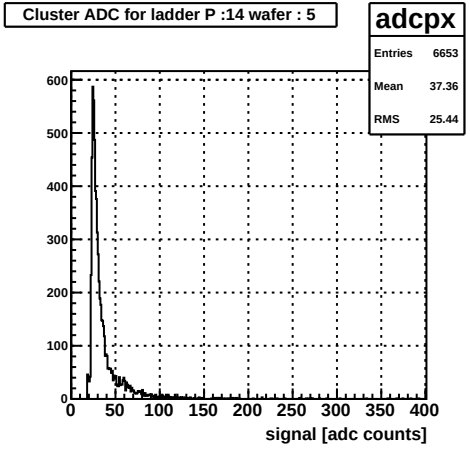

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 3468
Mean 32.91
RMS 36.56
signal [adc counts]

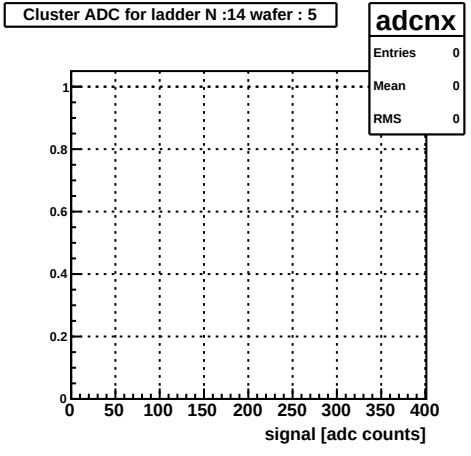

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 1976
Mean 38.11
RMS 43.11
signal [adc counts]

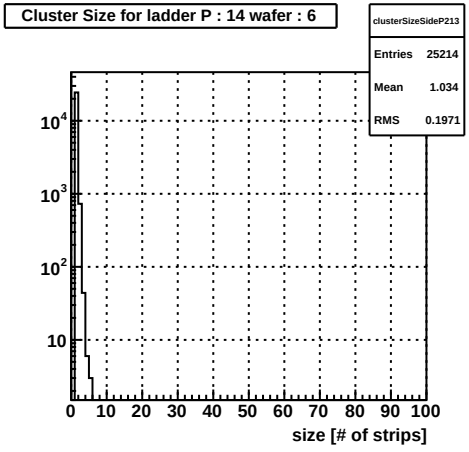

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 6653
Mean 1.133
RMS 0.4087
size [# of strips]

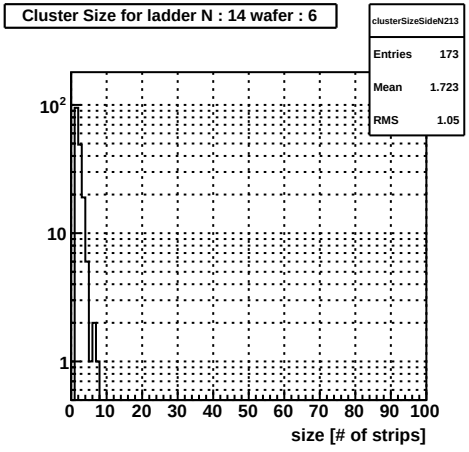

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

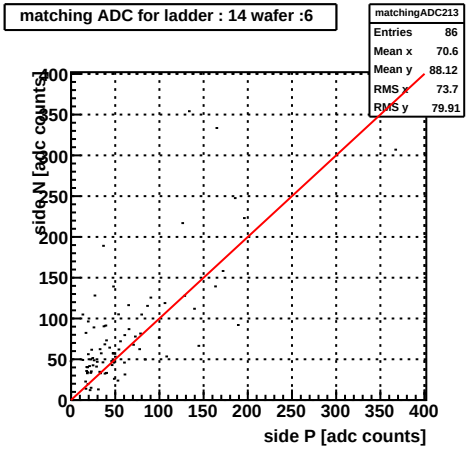

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

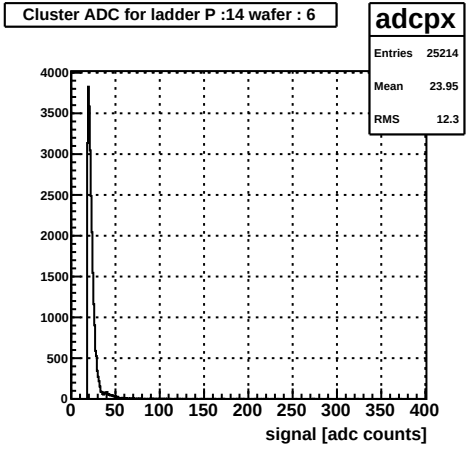

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 6653
Mean 37.36
RMS 25.44
signal [adc counts]

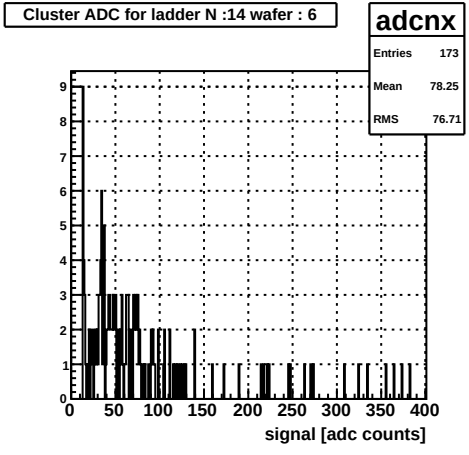

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

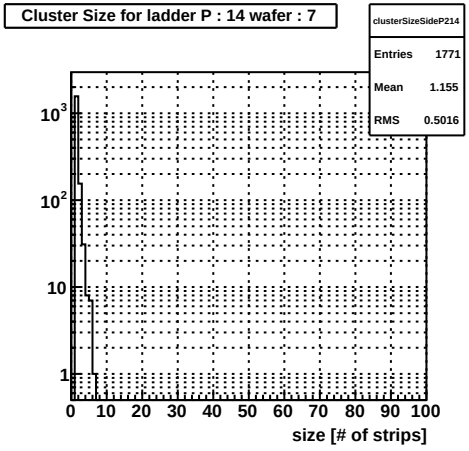

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 25214
Mean 1.034
RMS 0.1971
size [# of strips]

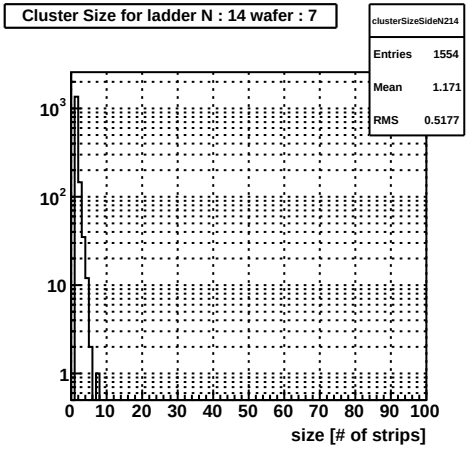

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 173
Mean 1.723
RMS 1.05
size [# of strips]

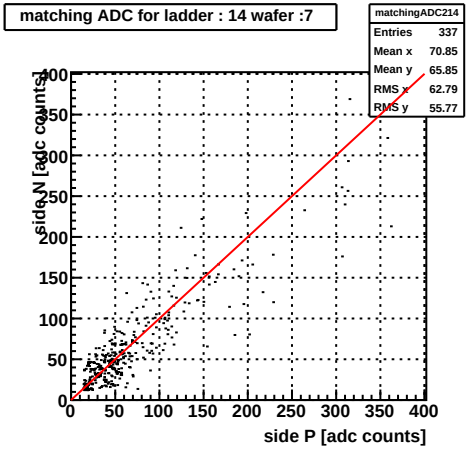

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 86
Mean x 70.6
Mean y 88.12
RMS x 73.7
RMS y 79.91
side N [adc counts]
side P [adc counts]

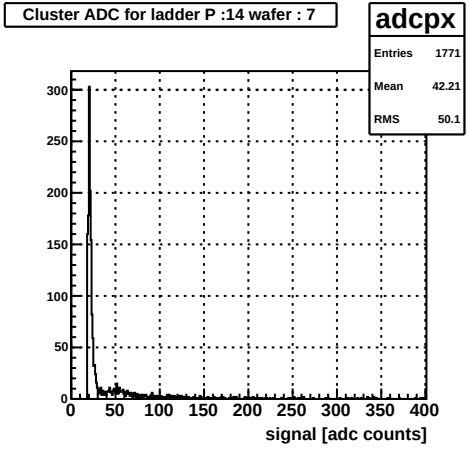

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 25214
Mean 23.95
RMS 12.3
signal [adc counts]

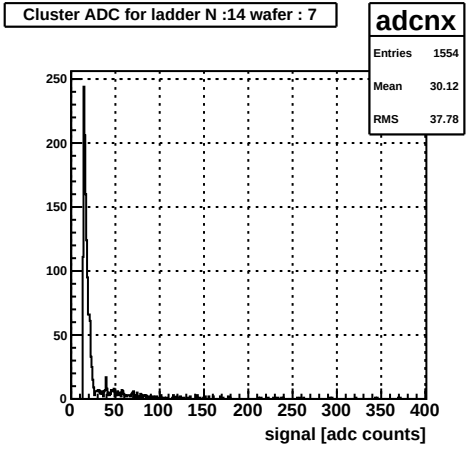

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 173
Mean 78.25
RMS 76.71
signal [adc counts]

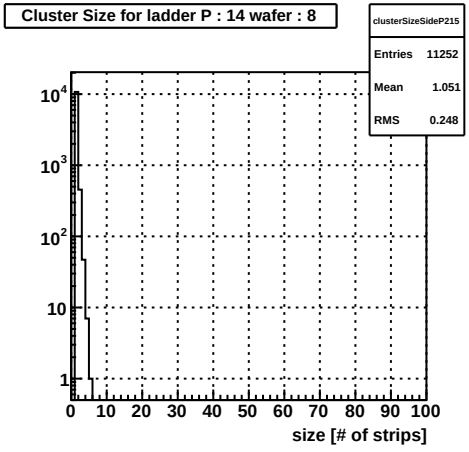

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 1771
Mean 1.155
RMS 0.5016
size [# of strips]

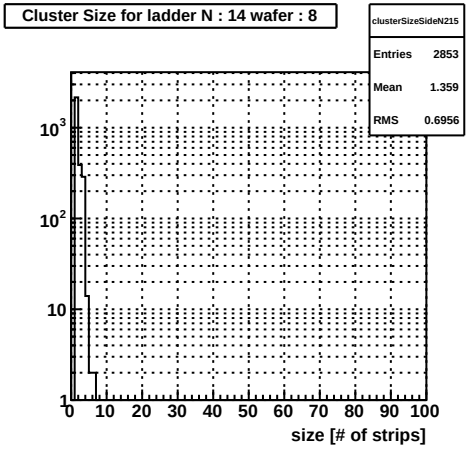

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 1554
Mean 1.171
RMS 0.5177
size [# of strips]

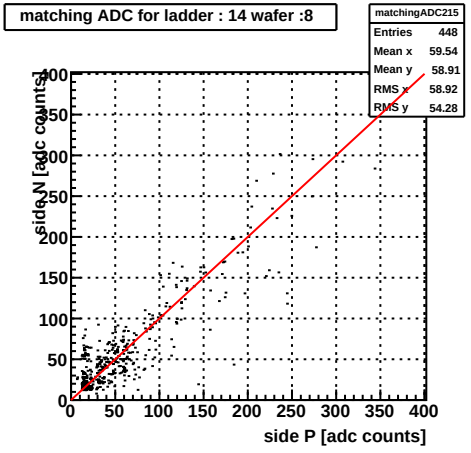

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 337
Mean x 70.85
Mean y 65.85
RMS x 62.79
RMS y 55.77
side N [adc counts]
side P [adc counts]

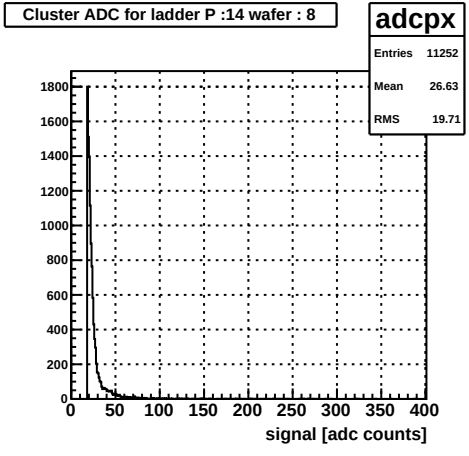

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 1771
Mean 42.21
RMS 50.1
signal [adc counts]

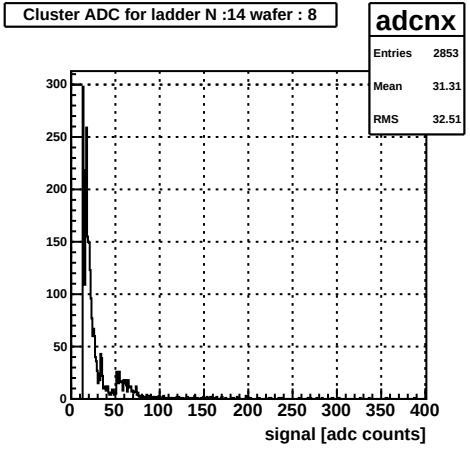

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 1554
Mean 30.12
RMS 37.78
signal [adc counts]

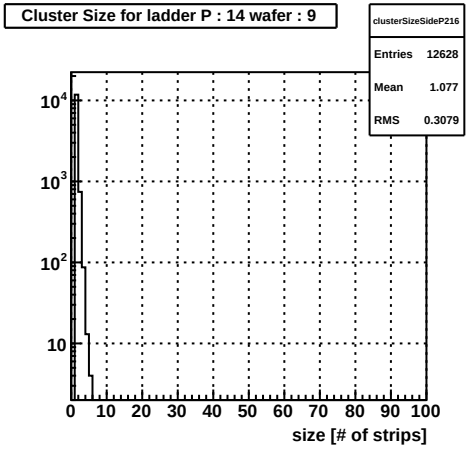

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 11252
Mean 1.051
RMS 0.248
size [# of strips]

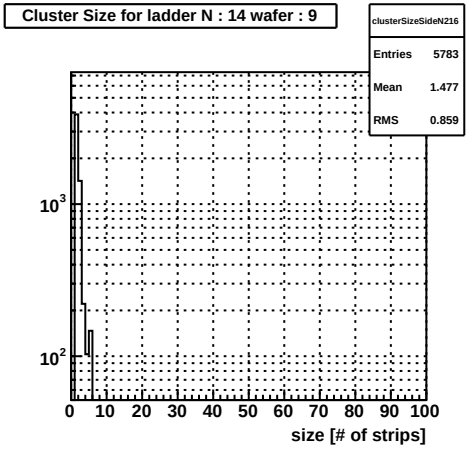

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 2853
Mean 1.359
RMS 0.6956
size [# of strips]

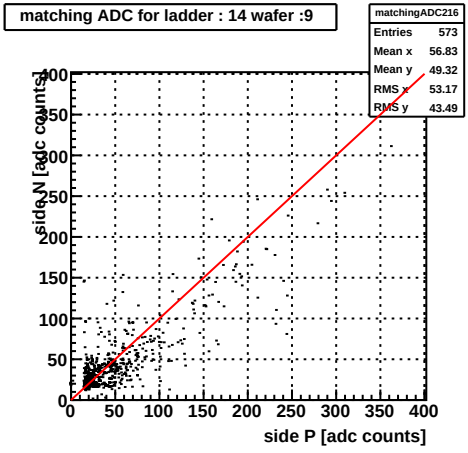

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 448
Mean x 59.54
Mean y 58.91
RMS x 58.92
RMS y 54.28
side N [adc counts]
side P [adc counts]

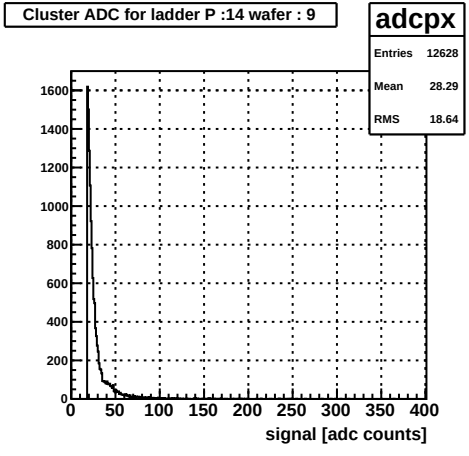

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 11252
Mean 26.63
RMS 19.71
signal [adc counts]

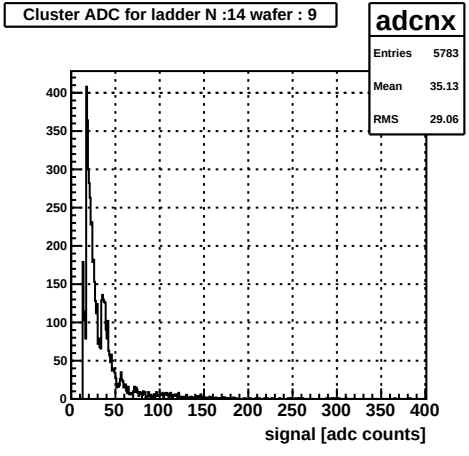

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 2853
Mean 31.31
RMS 32.51
signal [adc counts]

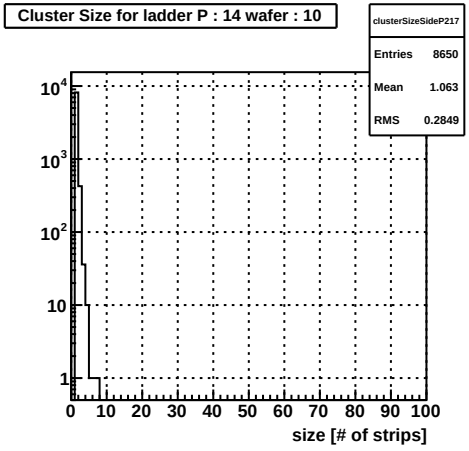

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 12628
Mean 1.077
RMS 0.3079
size [# of strips]

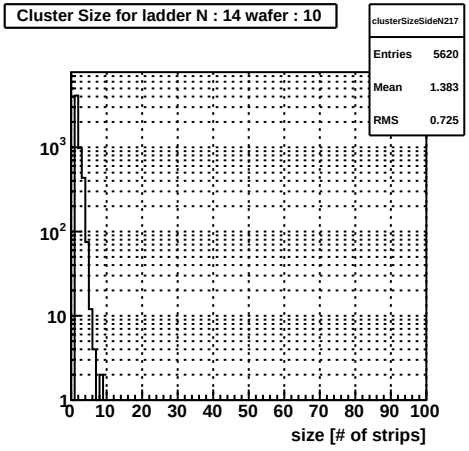

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 5783
Mean 1.477
RMS 0.859
size [# of strips]

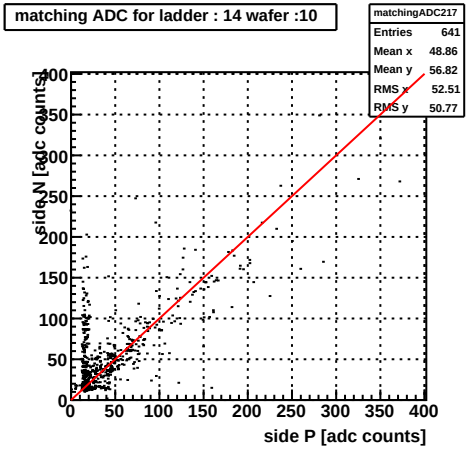

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 573
Mean x 56.83
Mean y 49.32
RMS x 53.17
RMS y 43.49
side N [adc counts]
side P [adc counts]

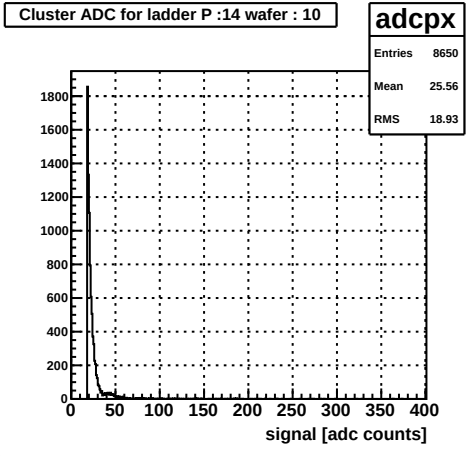

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 12628
Mean 28.29
RMS 18.64
signal [adc counts]

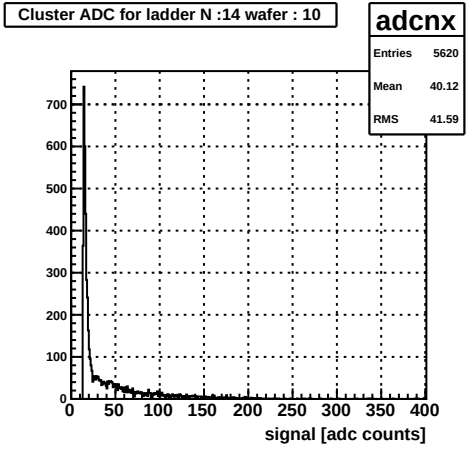

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 5783
Mean 35.13
RMS 29.06
signal [adc counts]

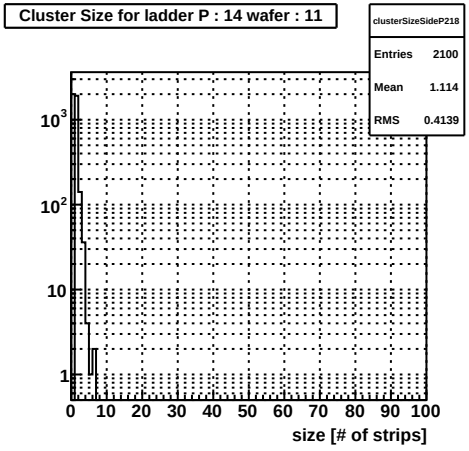

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 8650
Mean 1.063
RMS 0.2849
size [# of strips]

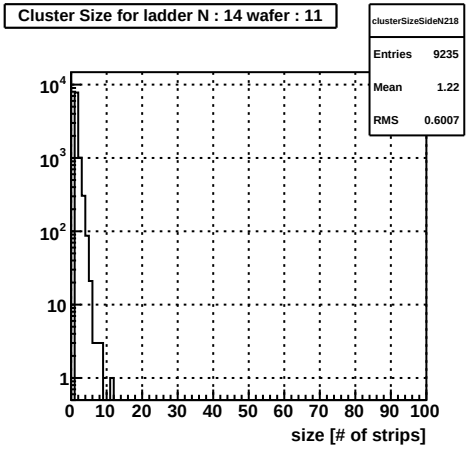

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 5620
Mean 1.383
RMS 0.725
size [# of strips]

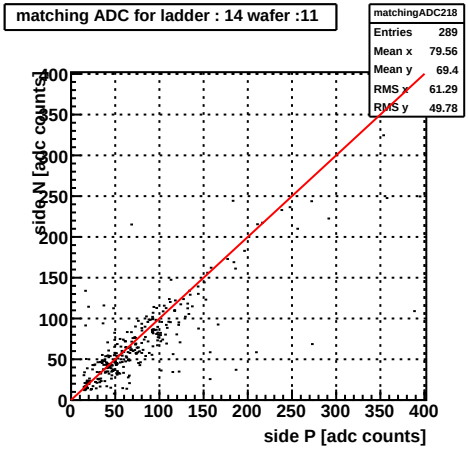

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 641
Mean x 48.86
Mean y 56.82
RMS x 52.51
RMS y 50.77
side N [adc counts]
side P [adc counts]

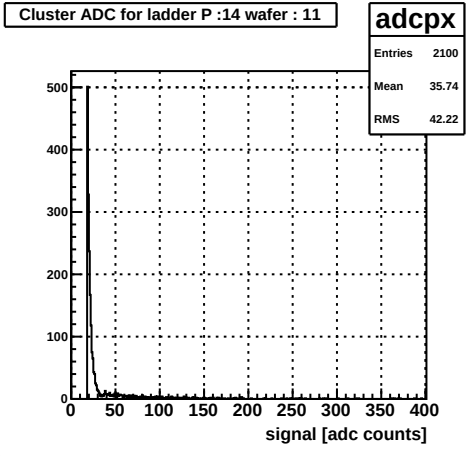

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 8650
Mean 25.56
RMS 18.93
signal [adc counts]

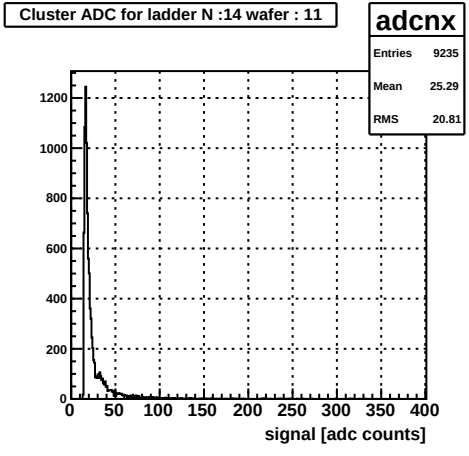

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 5620
Mean 40.12
RMS 41.59
signal [adc counts]

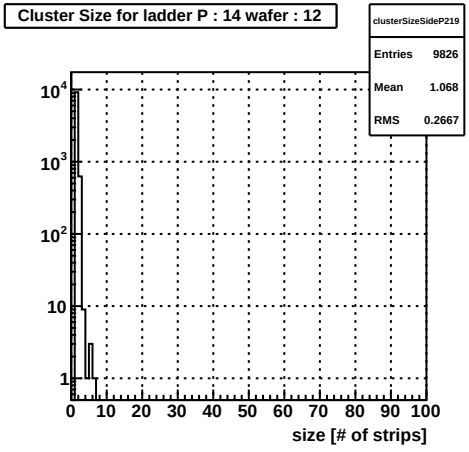

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 2100
Mean 1.114
RMS 0.4139
size [# of strips]

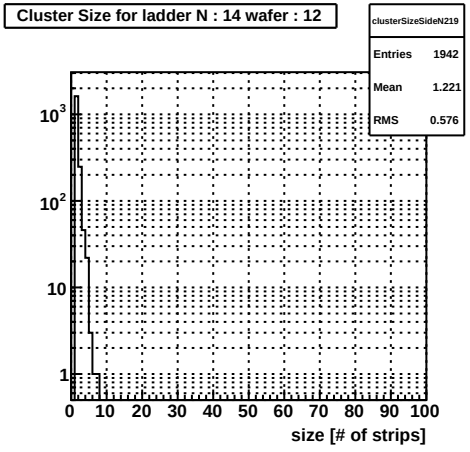

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 9235
Mean 1.22
RMS 0.6007
size [# of strips]

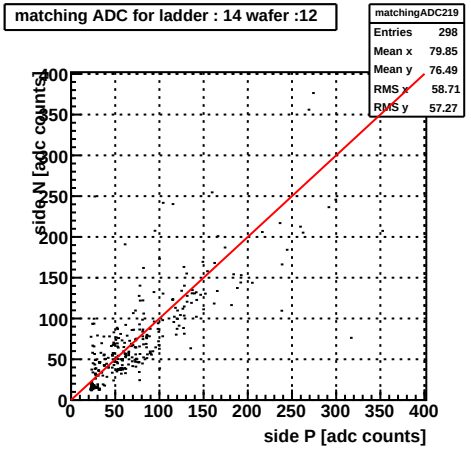

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 289
Mean x 79.56
Mean y 69.4
RMS x 61.29
RMS y 49.78
side N [adc counts]
side P [adc counts]

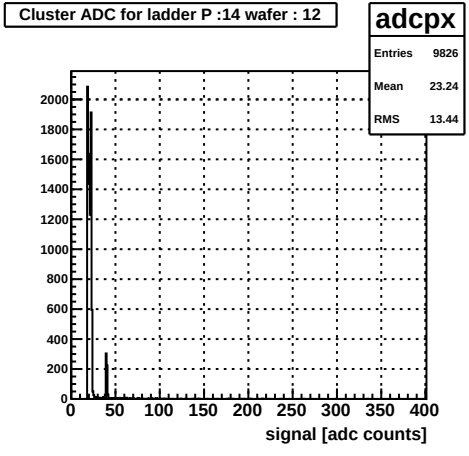

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 2100
Mean 35.74
RMS 42.22
signal [adc counts]

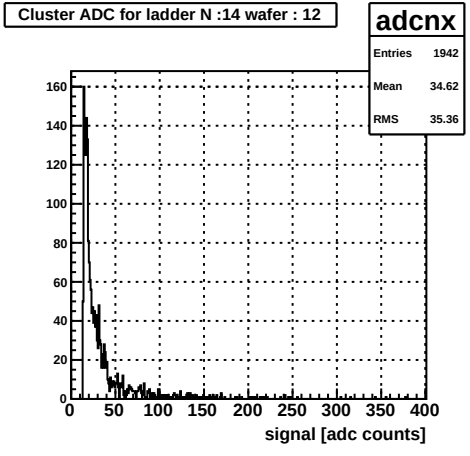

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 9235
Mean 25.29
RMS 20.81
signal [adc counts]

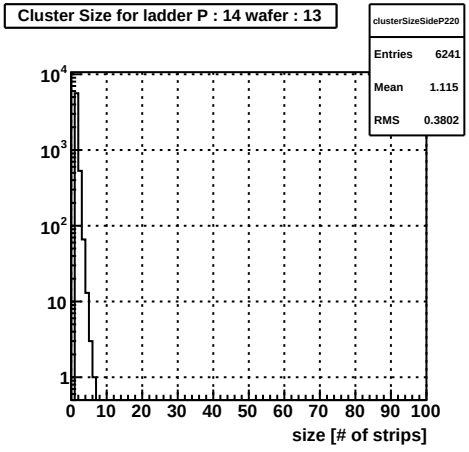

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 9826
Mean 1.068
RMS 0.2667
size [# of strips]

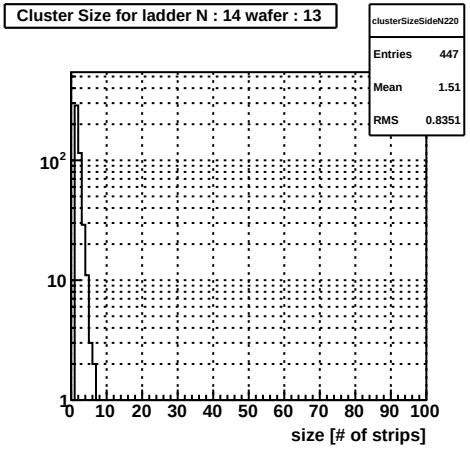

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 1942
Mean 1.221
RMS 0.576
size [# of strips]

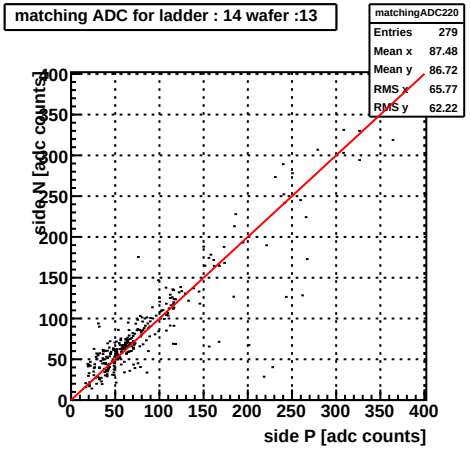

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 298
Mean x 79.85
Mean y 76.49
RMS x 58.71
RMS y 57.27
side N [adc counts]
side P [adc counts]

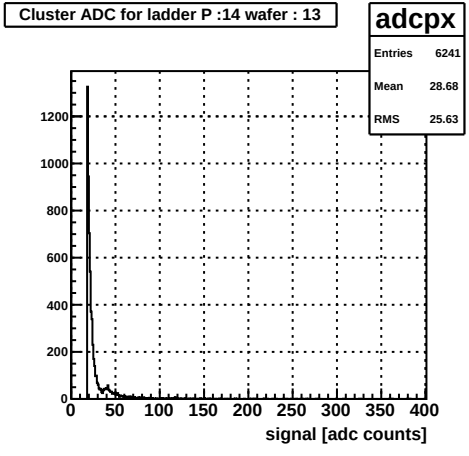

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 9826
Mean 23.24
RMS 13.44
signal [adc counts]

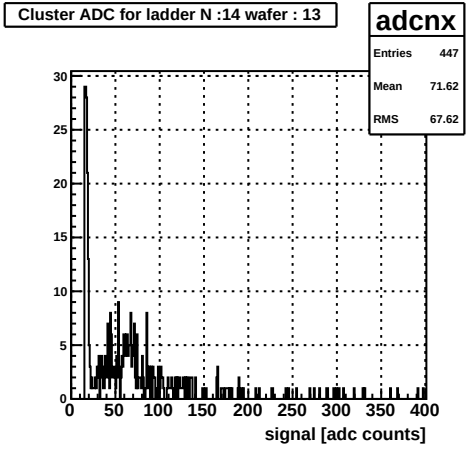

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 1942
Mean 34.62
RMS 35.36
signal [adc counts]

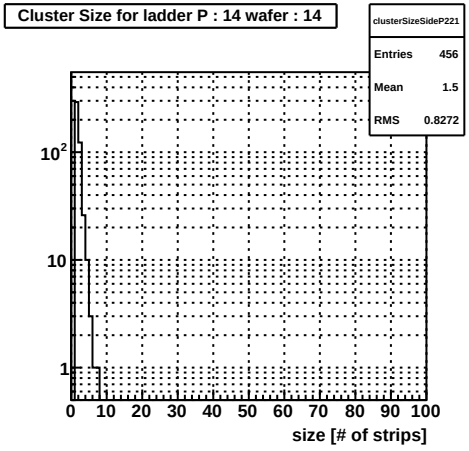

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 6241
Mean 1.115
RMS 0.3802
size [# of strips]

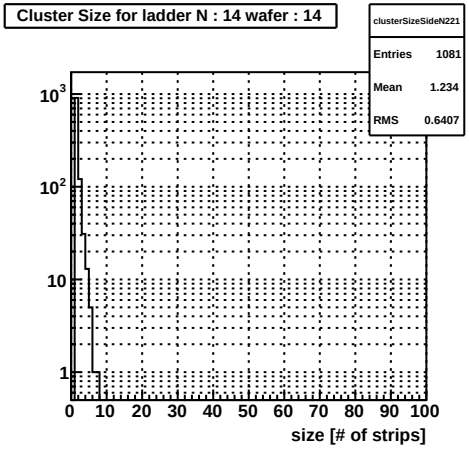

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 447
Mean 1.51
RMS 0.8351
size [# of strips]

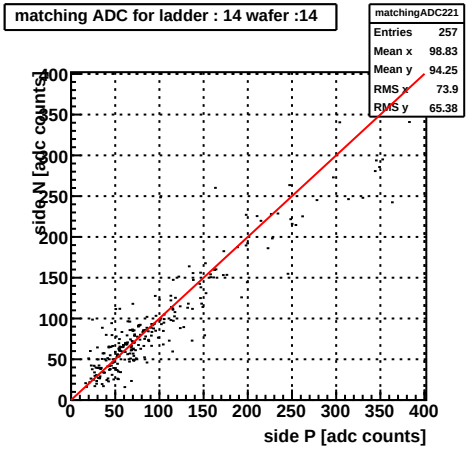

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 279
Mean x 87.48
Mean y 86.72
RMS x 65.77
RMS y 62.22
side N [adc counts]
side P [adc counts]

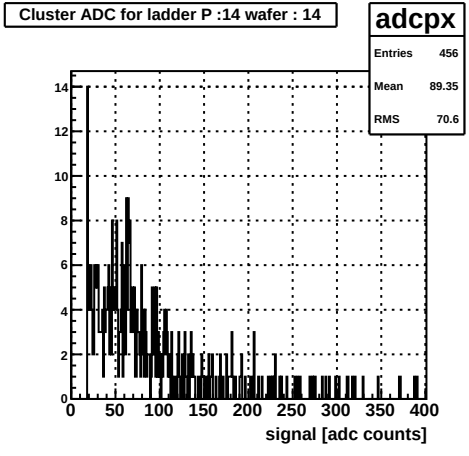

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 6241
Mean 28.68
RMS 25.63
signal [adc counts]

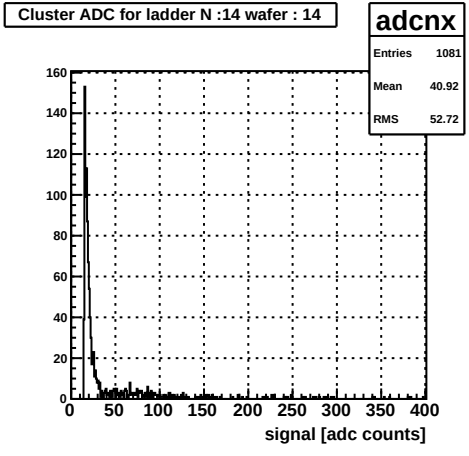

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 447
Mean 71.62
RMS 67.62
signal [adc counts]

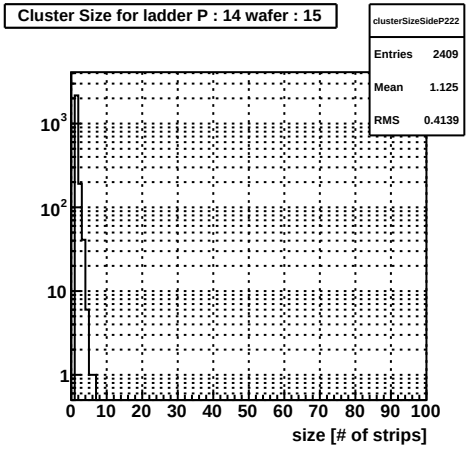

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 456
Mean 1.5
RMS 0.8272
size [# of strips]

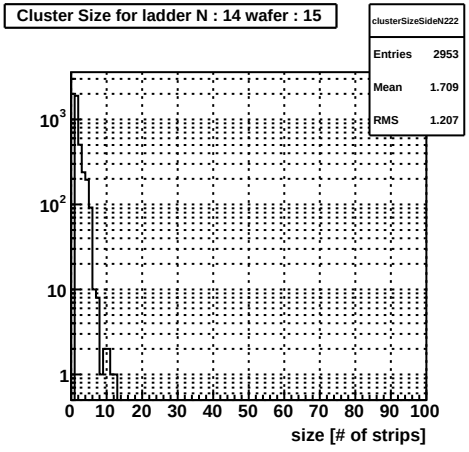

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 1081
Mean 1.234
RMS 0.6407
size [# of strips]

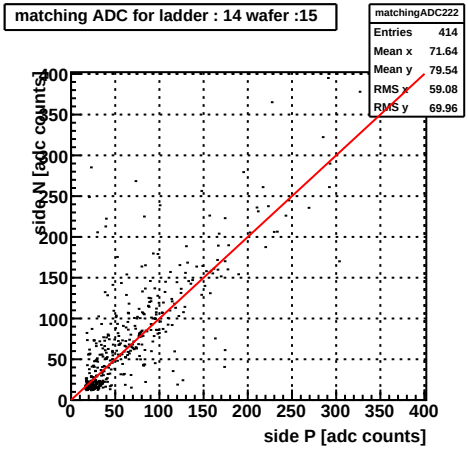

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 257
Mean x 98.83
Mean y 94.25
RMS x 73.9
RMS y 65.38
side N [adc counts]
side P [adc counts]

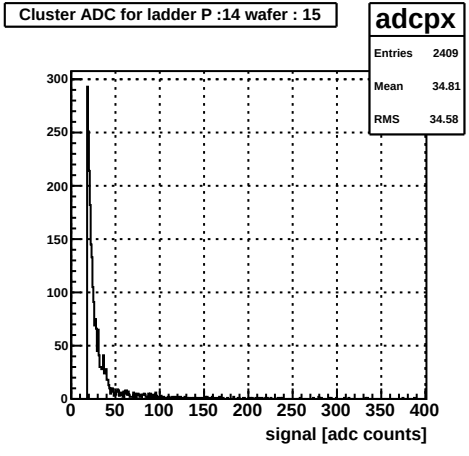

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 456
Mean 89.35
RMS 70.6
signal [adc counts]

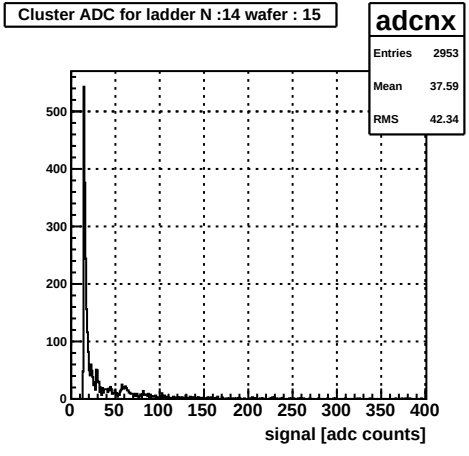

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 1081
Mean 40.92
RMS 52.72
signal [adc counts]

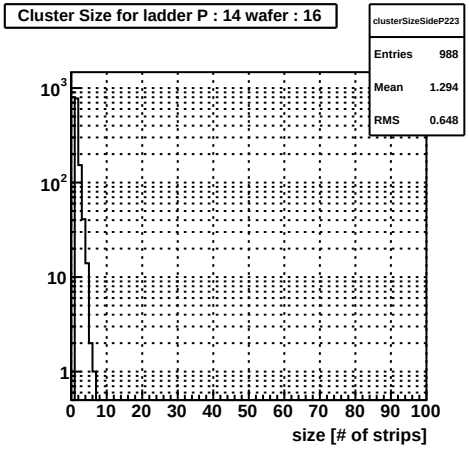

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 2409
Mean 1.125
RMS 0.4139
size [# of strips]

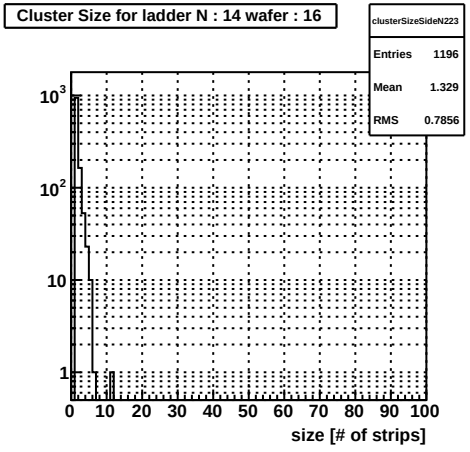

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 2953
Mean 1.709
RMS 1.207
size [# of strips]

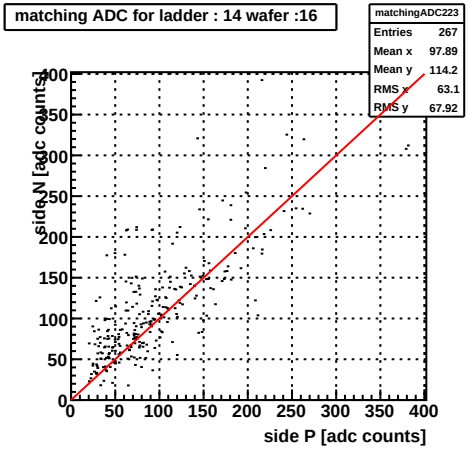

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 414
Mean x 71.64
Mean y 79.54
RMS x 59.08
RMS y 69.96
side N [adc counts]
side P [adc counts]

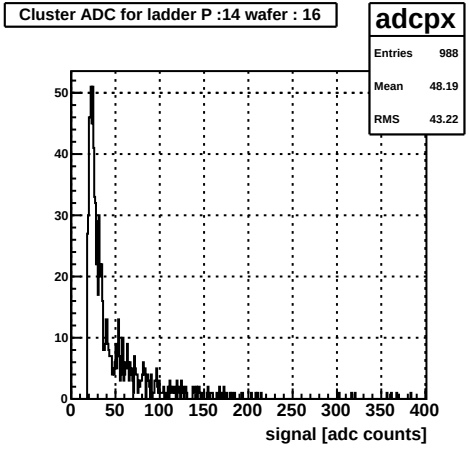

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 2409
Mean 34.81
RMS 34.58
signal [adc counts]

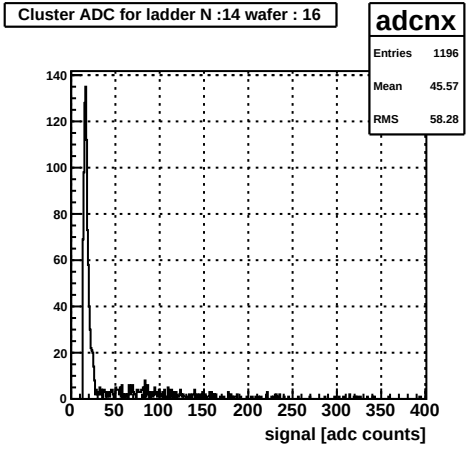

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 2953
Mean 37.59
RMS 42.34
signal [adc counts]

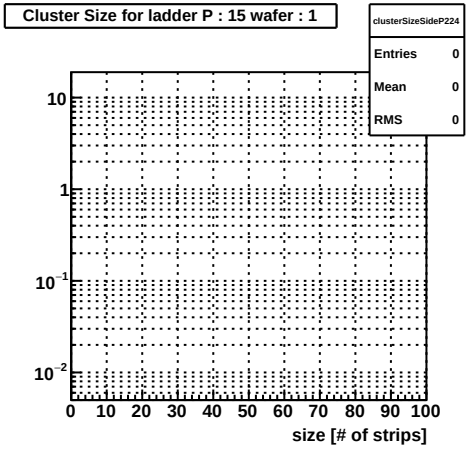

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 988
Mean 1.294
RMS 0.648
size [# of strips]

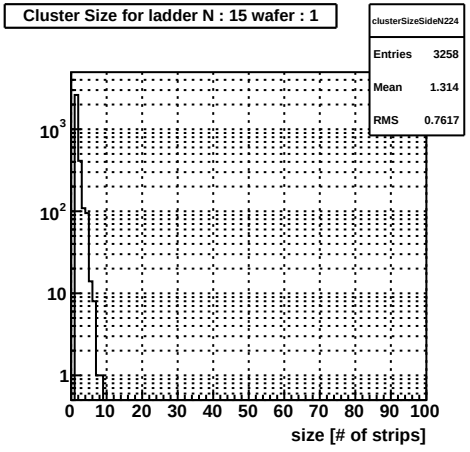

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 1196
Mean 1.329
RMS 0.7856
size [# of strips]

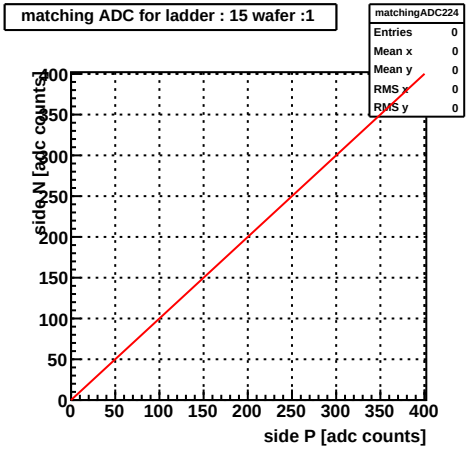

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 267
Mean x 97.89
Mean y 114.2
RMS x 63.1
RMS y 67.92
side N [adc counts]
side P [adc counts]

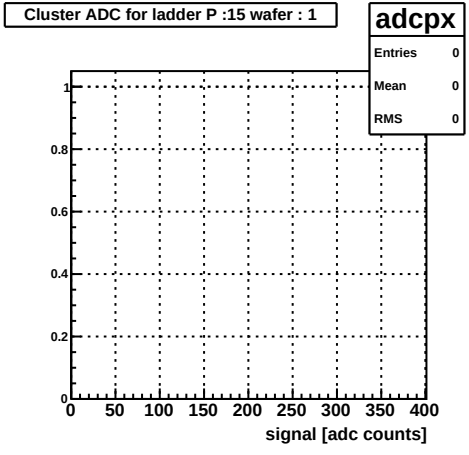

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 988
Mean 48.19
RMS 43.22
signal [adc counts]

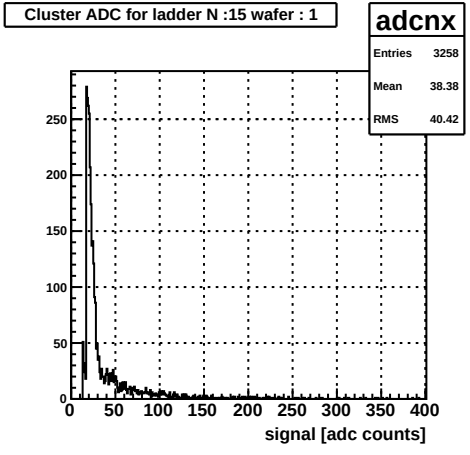

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 1196
Mean 45.57
RMS 58.28
signal [adc counts]

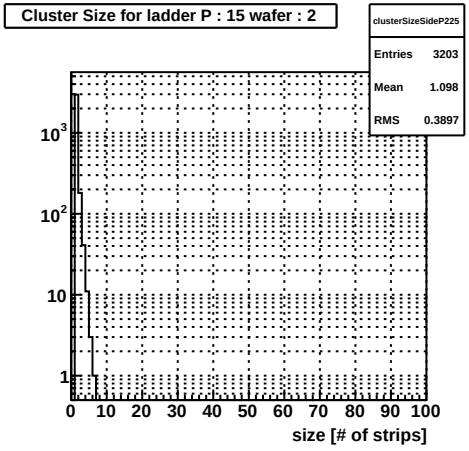

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

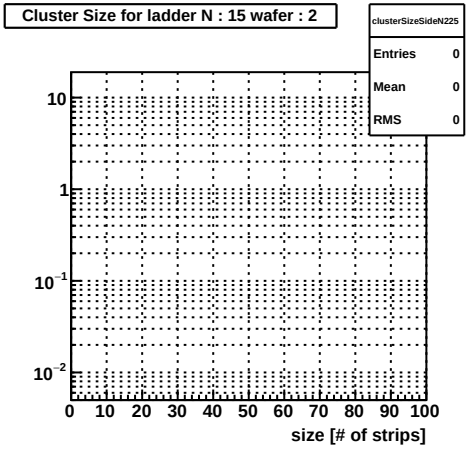

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 3258
Mean 1.314
RMS 0.7617
size [# of strips]

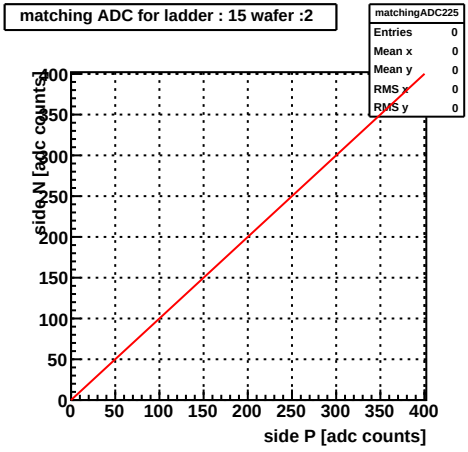

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

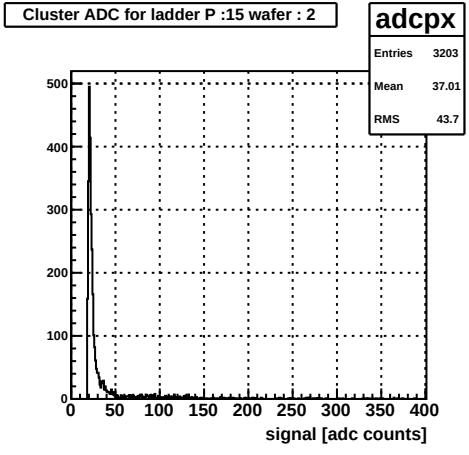

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

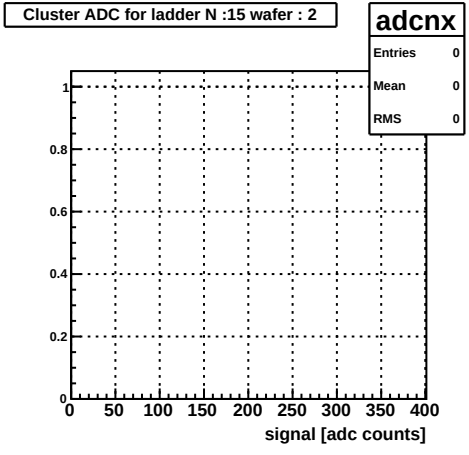

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 3258
Mean 38.38
RMS 40.42
signal [adc counts]

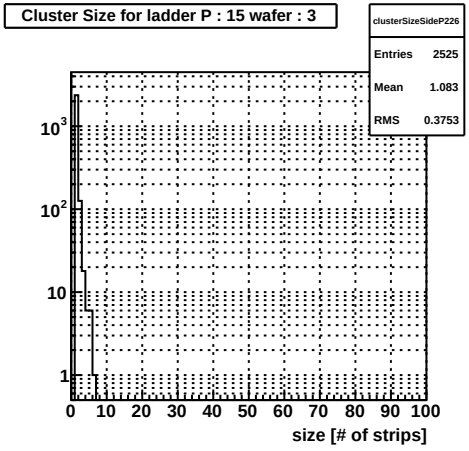

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 3203
Mean 1.098
RMS 0.3897
size [# of strips]

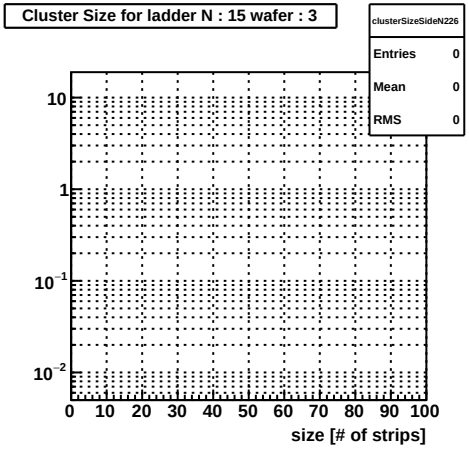

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

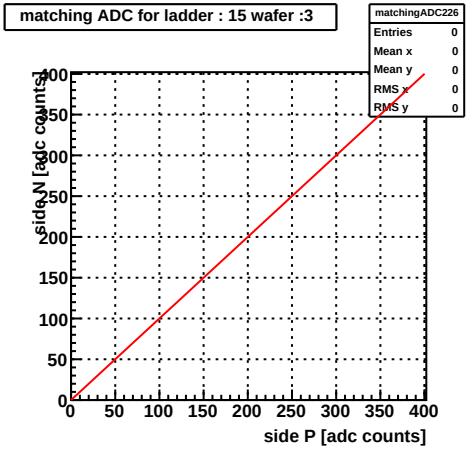

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

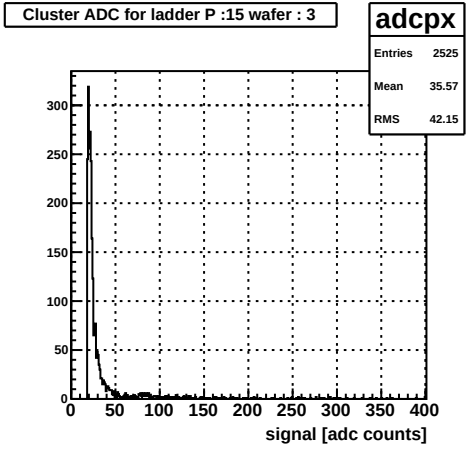

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 3203
Mean 37.01
RMS 43.7
signal [adc counts]

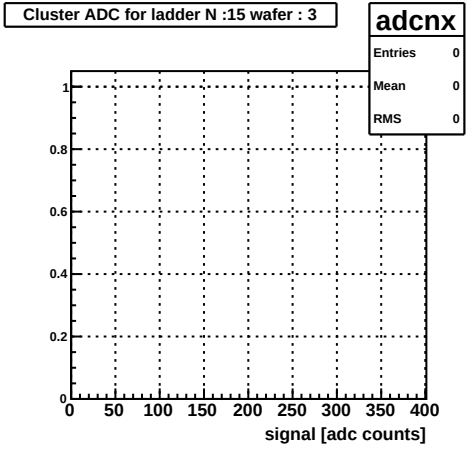

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

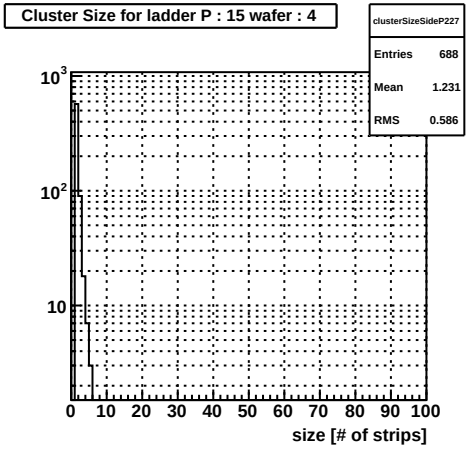

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 2525
Mean 1.083
RMS 0.3753
size [# of strips]

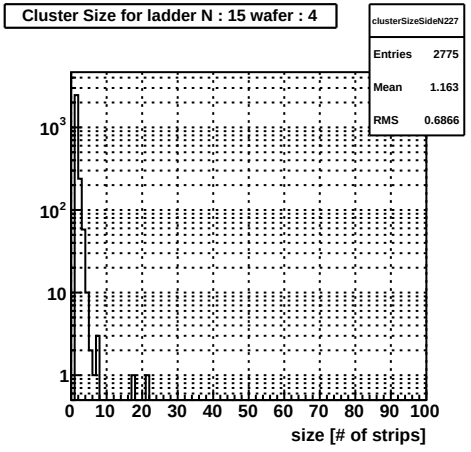

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

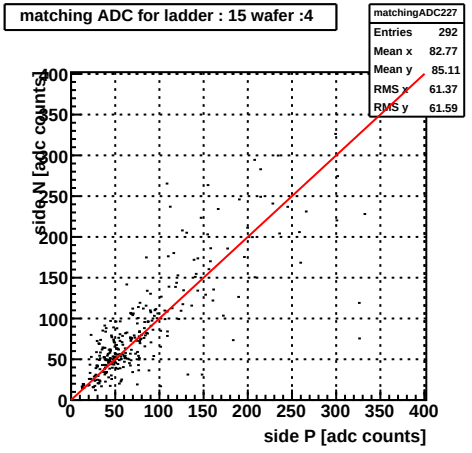

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

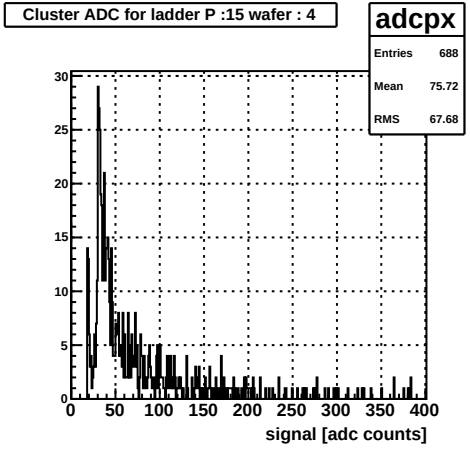

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 2525
Mean 35.57
RMS 42.15
signal [adc counts]

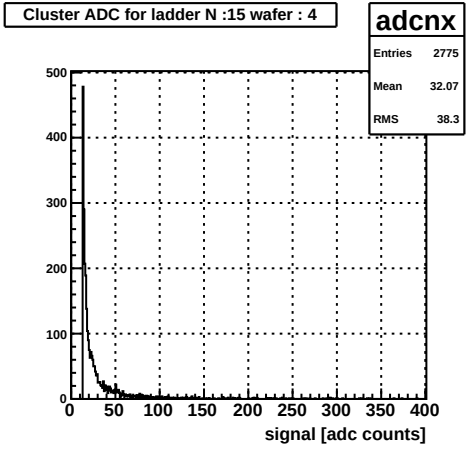

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

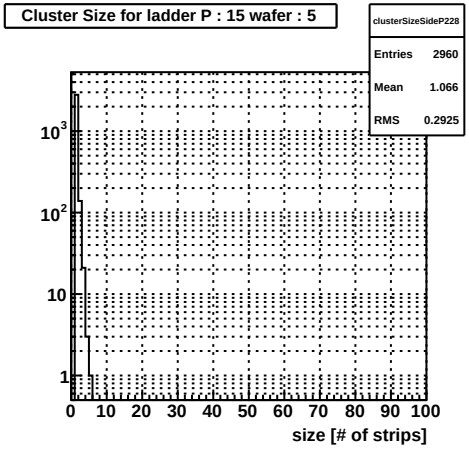

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 688
Mean 1.231
RMS 0.586
size [# of strips]

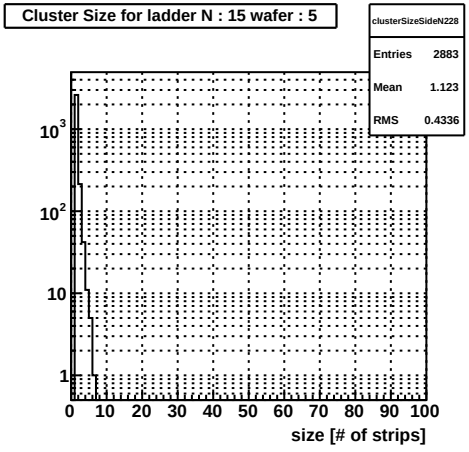

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 2775
Mean 1.163
RMS 0.6866
size [# of strips]

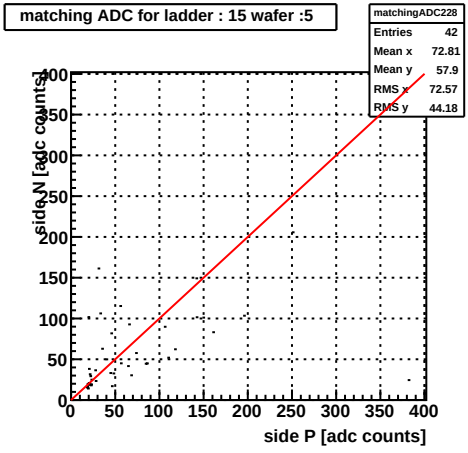

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 292
Mean x 82.77
Mean y 85.11
RMS x 61.37
RMS y 61.59
side N [adc counts]
side P [adc counts]

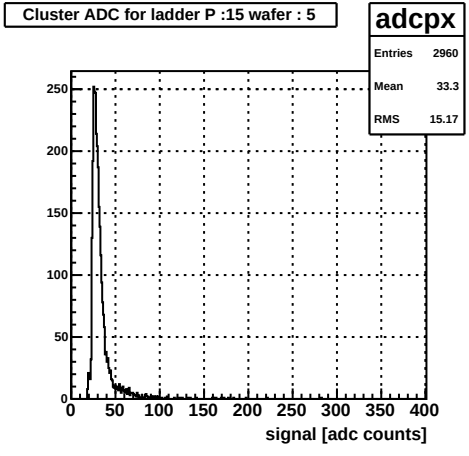

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 688
Mean 75.72
RMS 67.68
signal [adc counts]

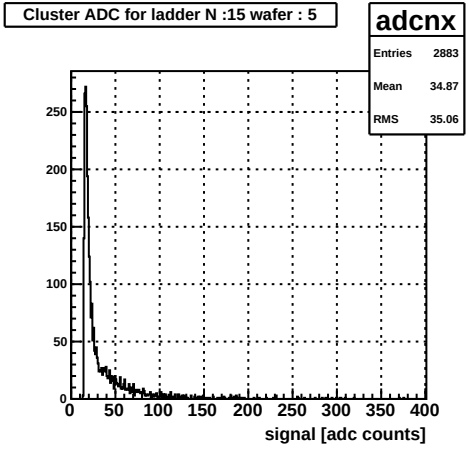

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 2775
Mean 32.07
RMS 38.3
signal [adc counts]

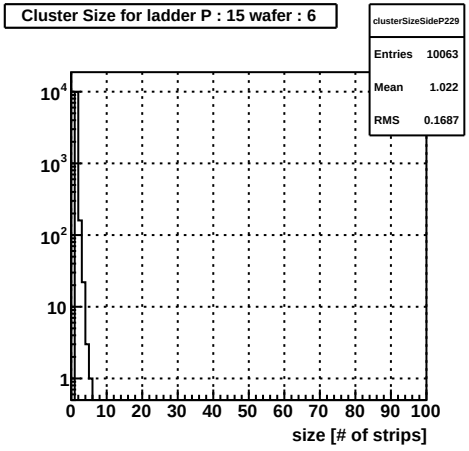

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 2960
Mean 1.066
RMS 0.2925
size [# of strips]

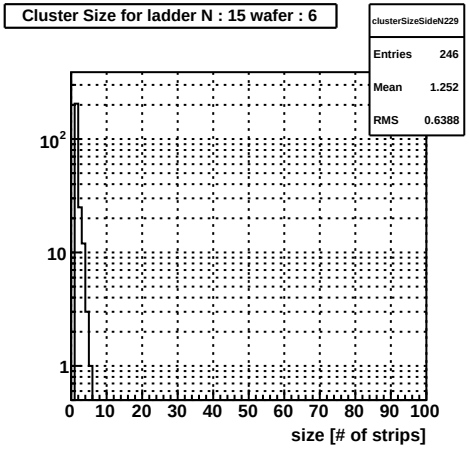

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 2883
Mean 1.123
RMS 0.4336
size [# of strips]

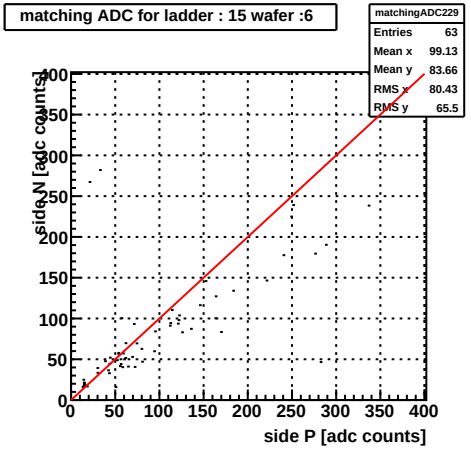

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 42
Mean x 72.81
Mean y 57.9
RMS x 72.57
RMS y 44.18
side N [adc counts]
side P [adc counts]

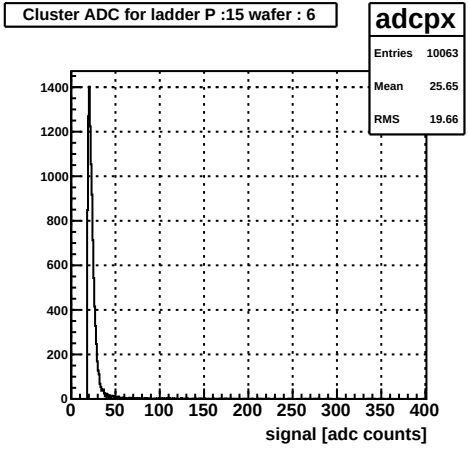

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 2960
Mean 33.3
RMS 15.17
signal [adc counts]

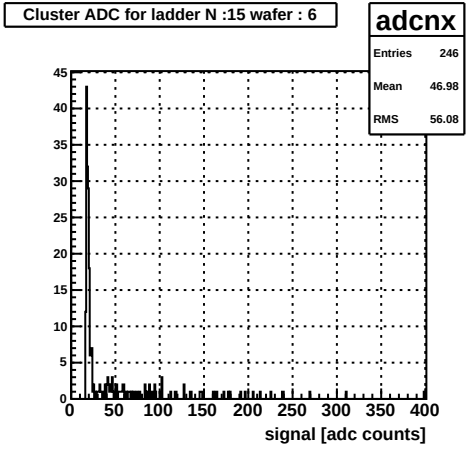

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 2883
Mean 34.87
RMS 35.06
signal [adc counts]

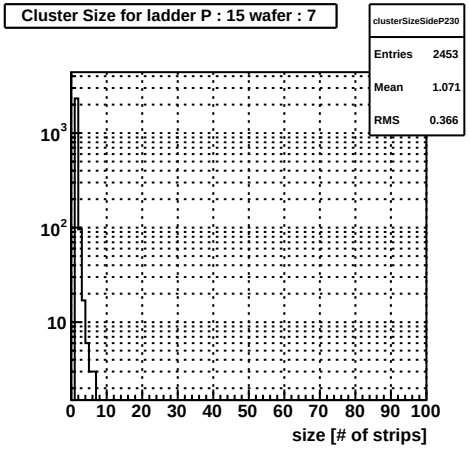

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 10063
Mean 1.022
RMS 0.1687
size [# of strips]

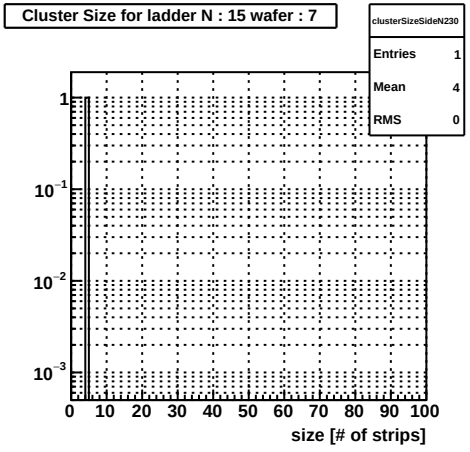

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 246
Mean 1.252
RMS 0.6388
size [# of strips]

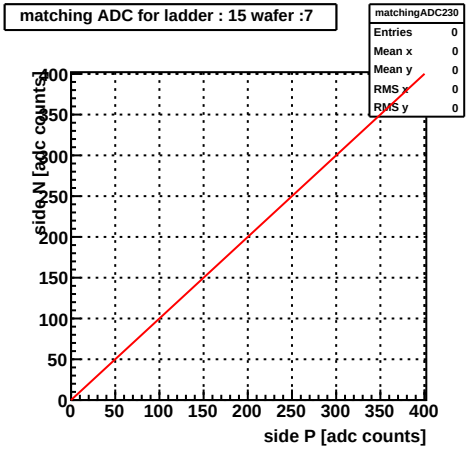

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 63
Mean x 99.13
Mean y 83.66
RMS x 80.43
RMS y 65.5
side N [adc counts]
side P [adc counts]

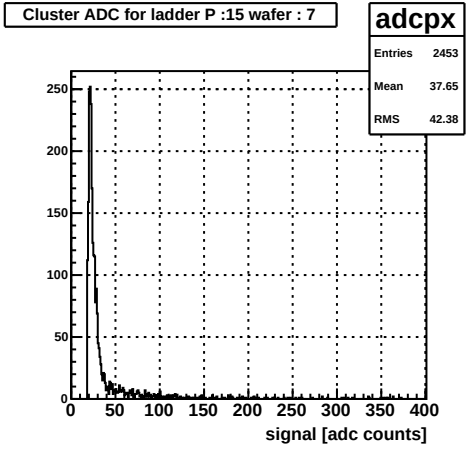

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 10063
Mean 25.65
RMS 19.66
signal [adc counts]

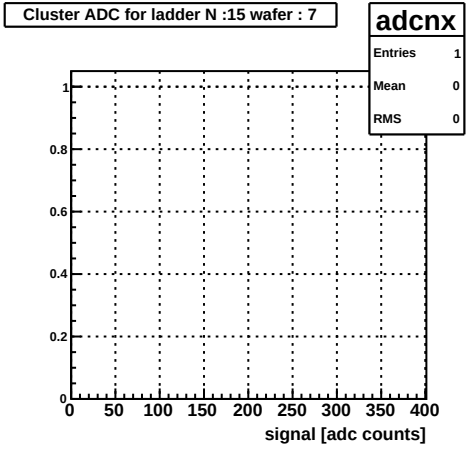

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 246
Mean 46.98
RMS 56.08
signal [adc counts]

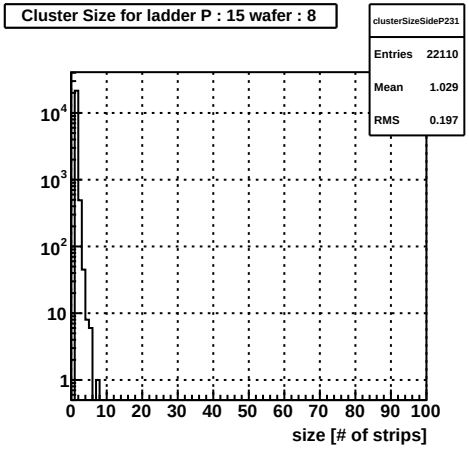

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 2453
Mean 1.071
RMS 0.366
size [# of strips]

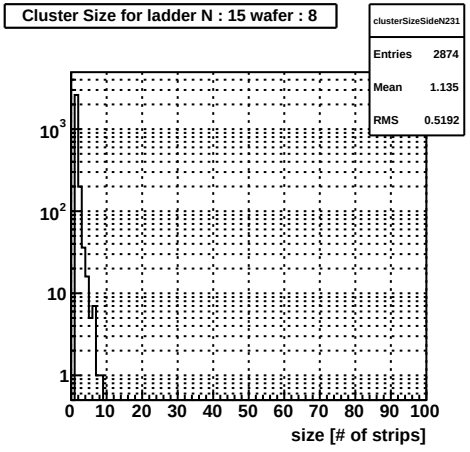

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 1
Mean 4
RMS 0
size [# of strips]

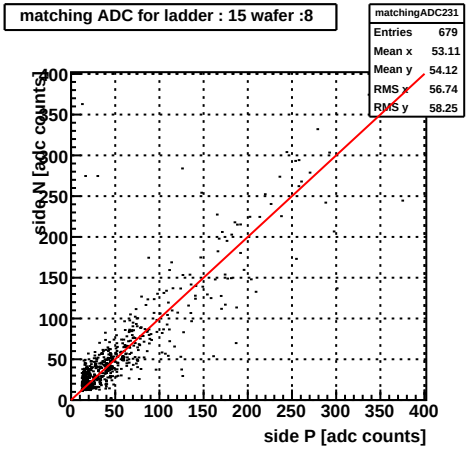

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

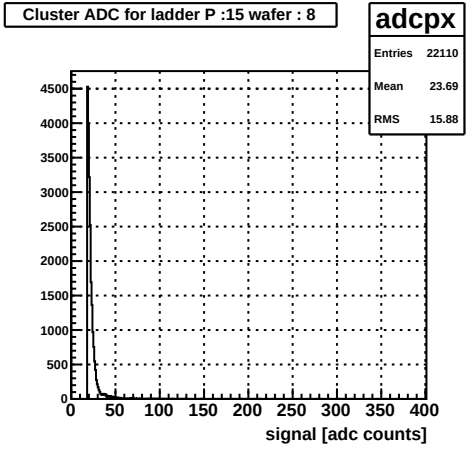

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 2453
Mean 37.65
RMS 42.38
signal [adc counts]

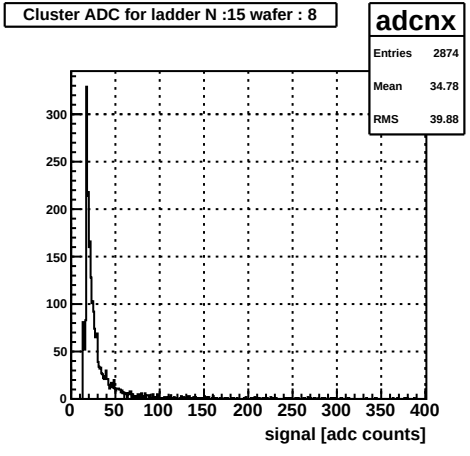

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

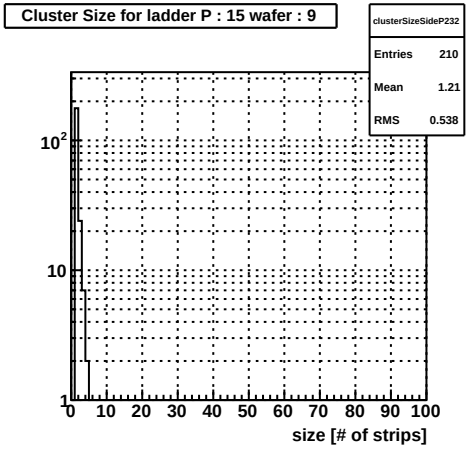

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 22110
Mean 1.029
RMS 0.197
size [# of strips]

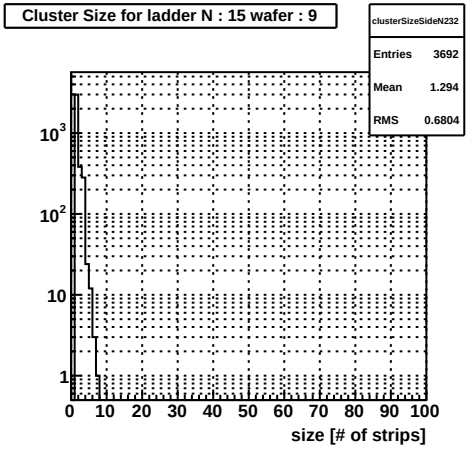

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 2874
Mean 1.135
RMS 0.5192
size [# of strips]

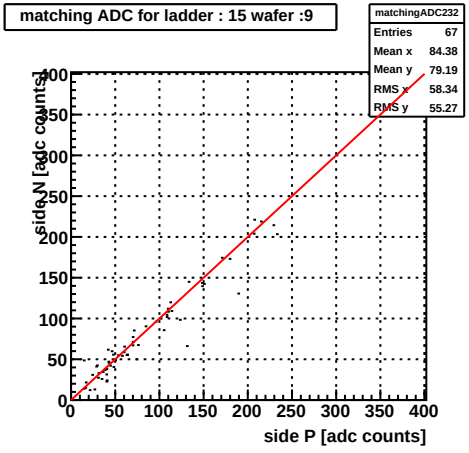

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 679
Mean x 53.11
Mean y 54.12
RMS x 56.74
RMS y 58.25
side N [adc counts]
side P [adc counts]

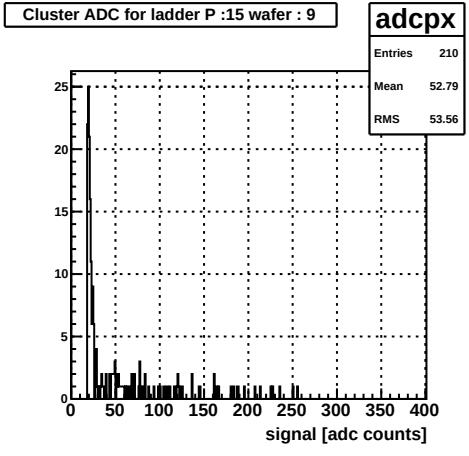

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 22110
Mean 23.69
RMS 15.88
signal [adc counts]

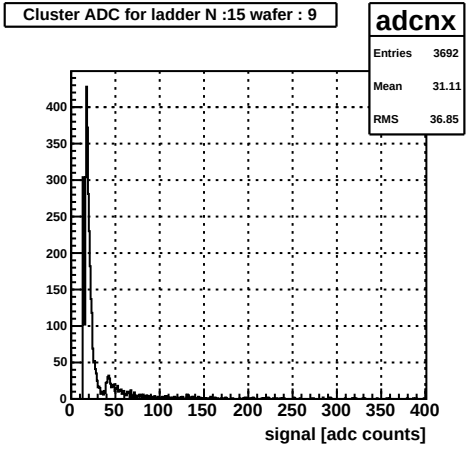

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 2874
Mean 34.78
RMS 39.88
signal [adc counts]

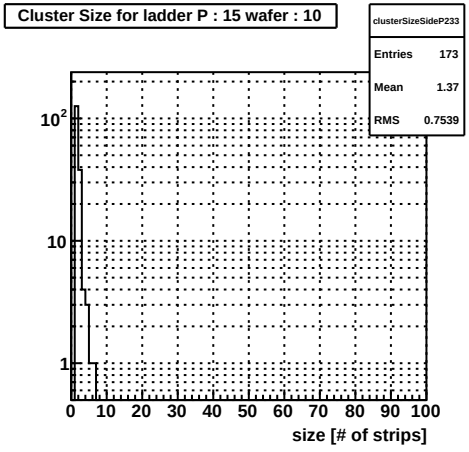

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 210
Mean 1.21
RMS 0.538
size [# of strips]

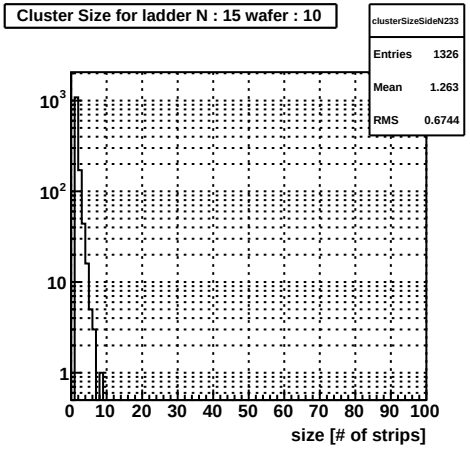

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 3692
Mean 1.294
RMS 0.6804
size [# of strips]

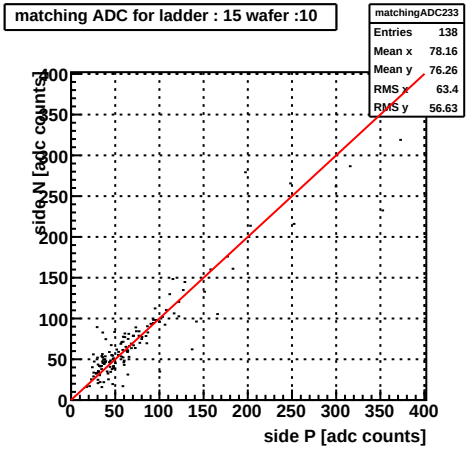

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 67
Mean x 84.38
Mean y 79.19
RMS x 58.34
RMS y 55.27
side N [adc counts]
side P [adc counts]

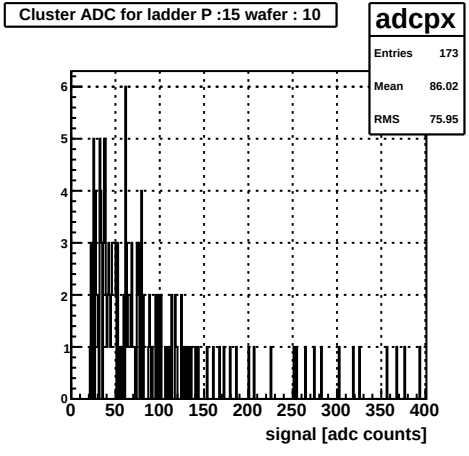

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 210
Mean 52.79
RMS 53.56
signal [adc counts]

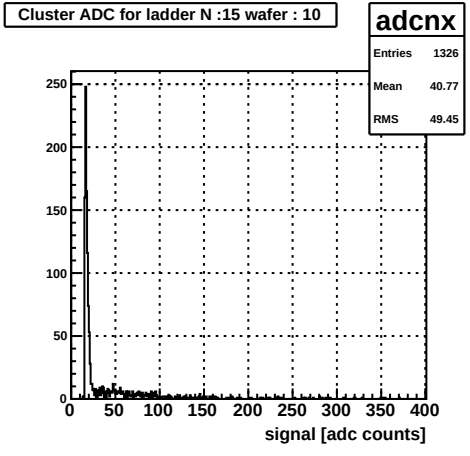

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 3692
Mean 31.11
RMS 36.85
signal [adc counts]

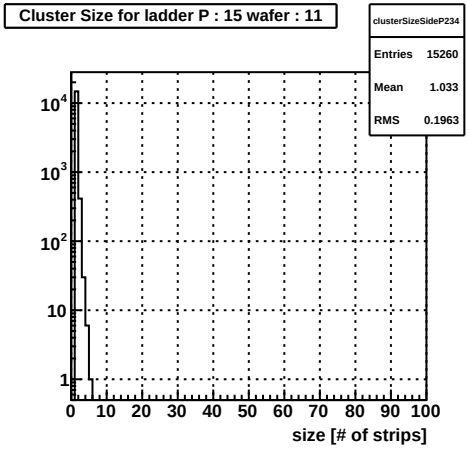

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 173
Mean 1.37
RMS 0.7539
size [# of strips]

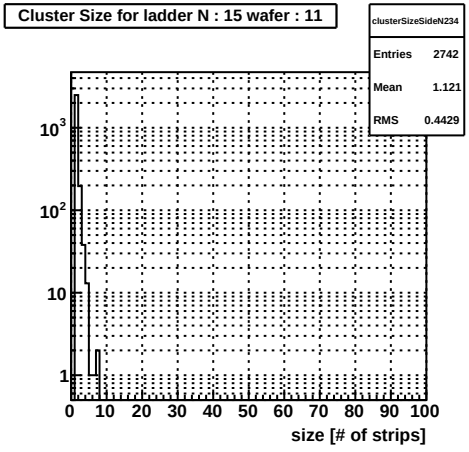

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 1326
Mean 1.263
RMS 0.6744
size [# of strips]

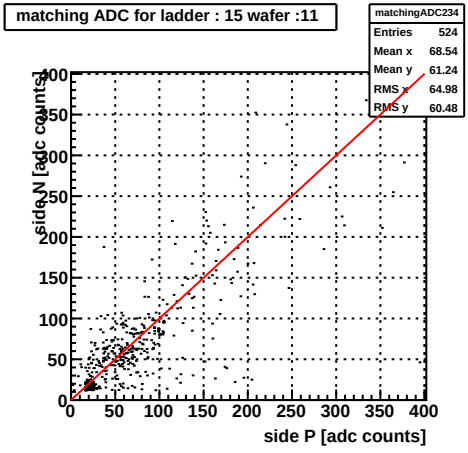

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 138
Mean x 78.16
Mean y 76.26
RMS x 63.4
RMS y 56.63
side N [adc counts]
side P [adc counts]

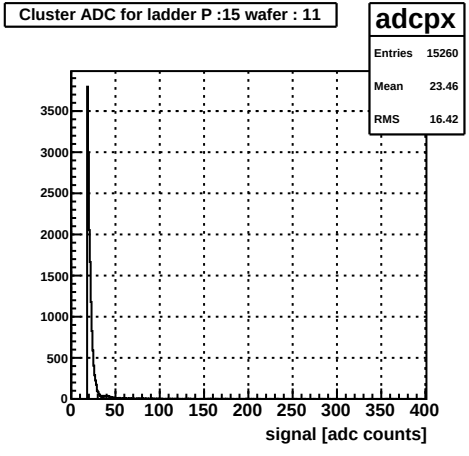

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 173
Mean 86.02
RMS 75.95
signal [adc counts]

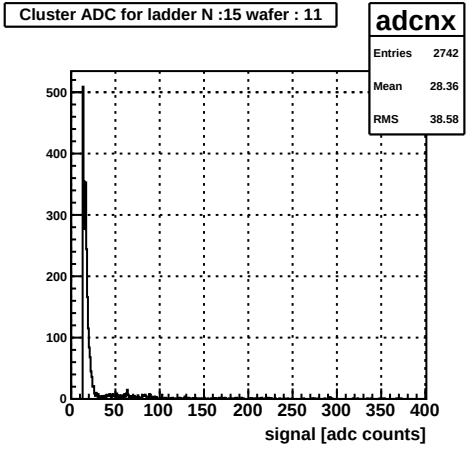

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 1326
Mean 40.77
RMS 49.45
signal [adc counts]

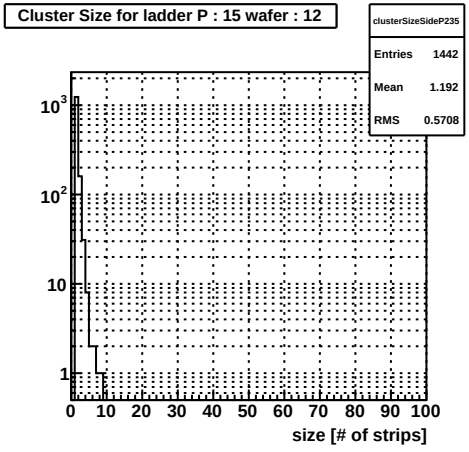

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 15260
Mean 1.033
RMS 0.1963
size [# of strips]

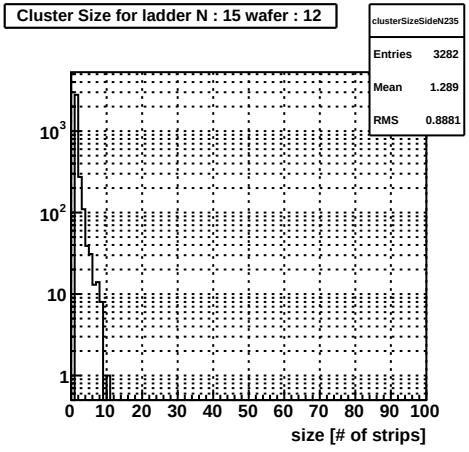

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 2742
Mean 1.121
RMS 0.4429
size [# of strips]

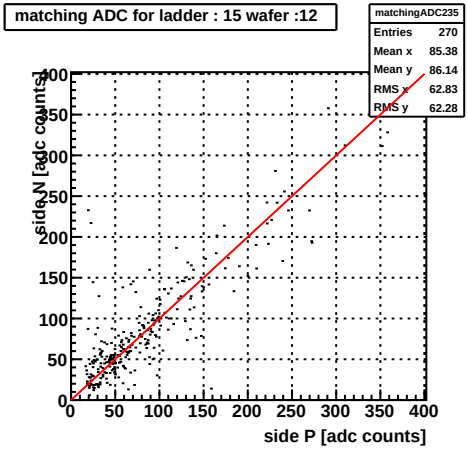

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 524
Mean x 68.54
Mean y 61.24
RMS x 64.98
RMS y 60.48
side N [adc counts]
side P [adc counts]

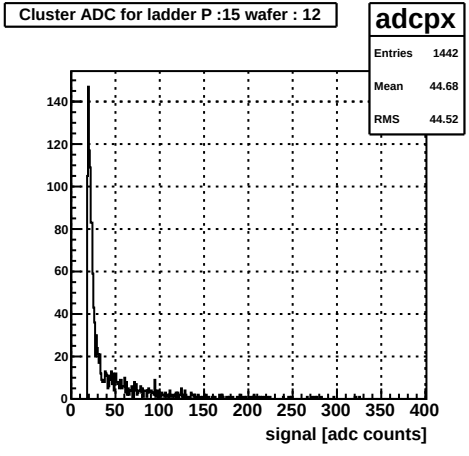

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 15260
Mean 23.46
RMS 16.42
signal [adc counts]

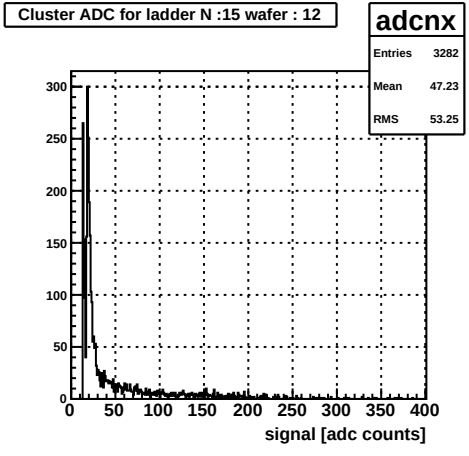

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 2742
Mean 28.36
RMS 38.58
signal [adc counts]

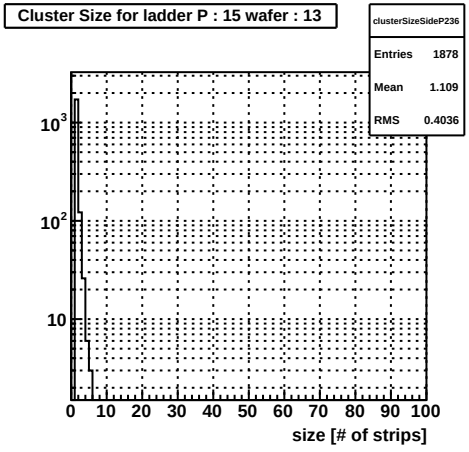

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 1442
Mean 1.192
RMS 0.5708
size [# of strips]

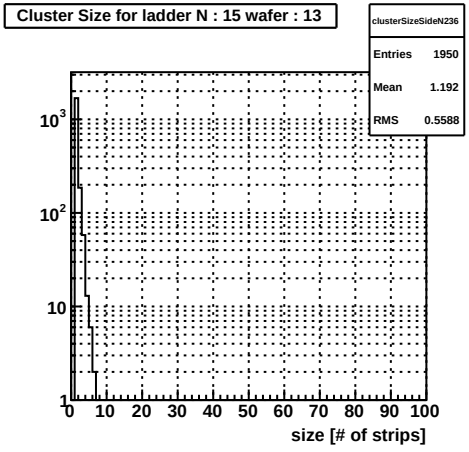

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 3282
Mean 1.289
RMS 0.8881
size [# of strips]

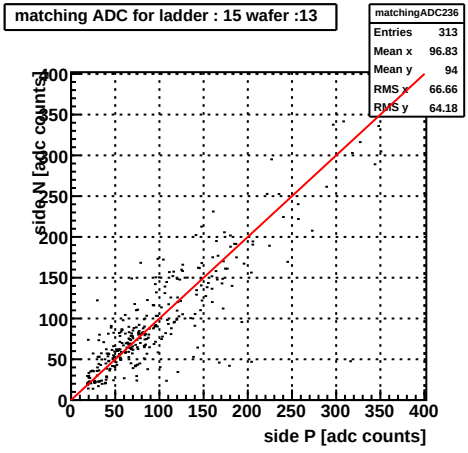

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 270
Mean x 85.38
Mean y 86.14
RMS x 62.83
RMS y 62.28
side N [adc counts]
side P [adc counts]

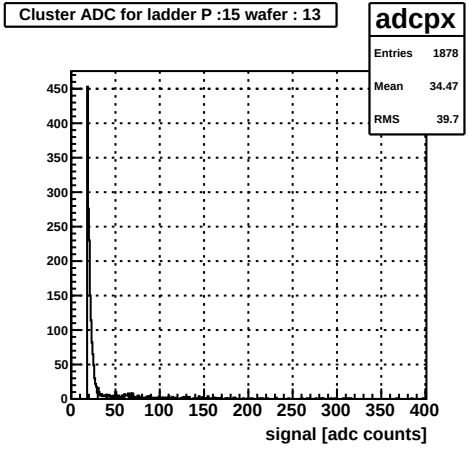

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 1442
Mean 44.68
RMS 44.52
signal [adc counts]

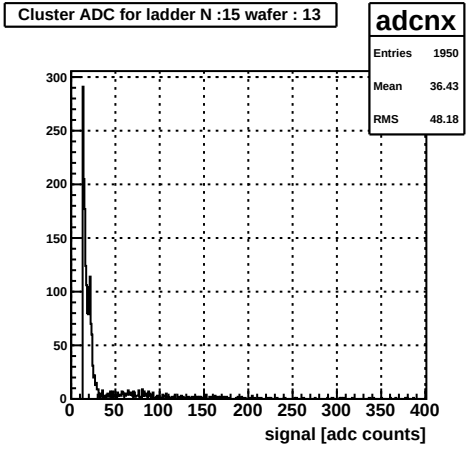

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 3282
Mean 47.23
RMS 53.25
signal [adc counts]

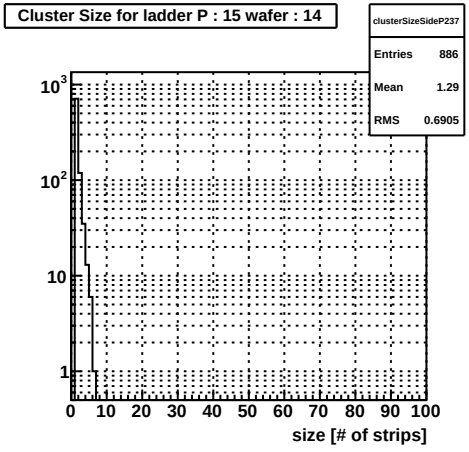

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 1878
Mean 1.109
RMS 0.4036
size [# of strips]

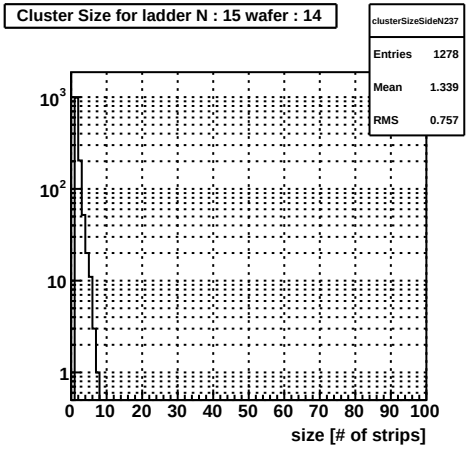

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 1950
Mean 1.192
RMS 0.5588
size [# of strips]

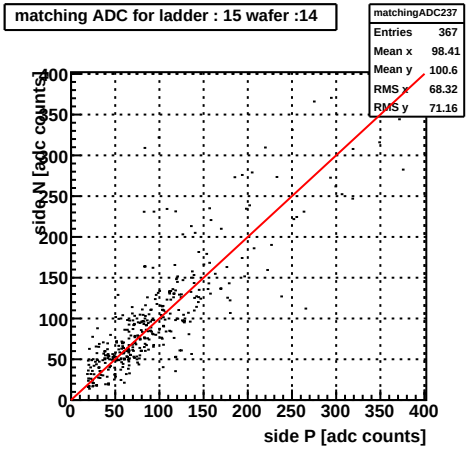

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 313
Mean x 96.83
Mean y 94
RMS x 66.66
RMS y 64.18
side N [adc counts]
side P [adc counts]

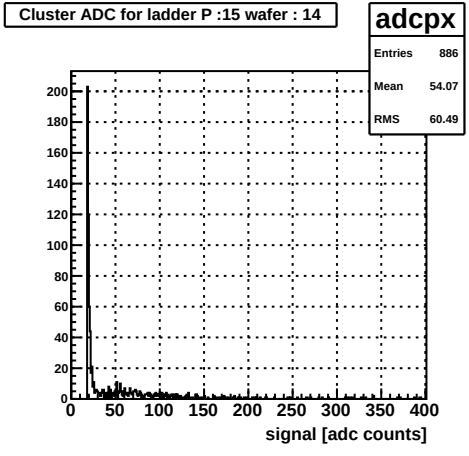

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 1878
Mean 34.47
RMS 39.7
signal [adc counts]

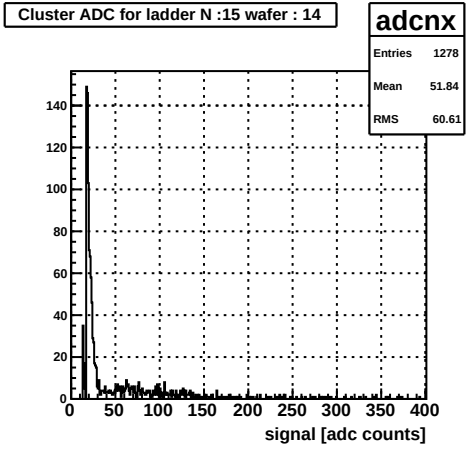

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 1950
Mean 36.43
RMS 48.18
signal [adc counts]

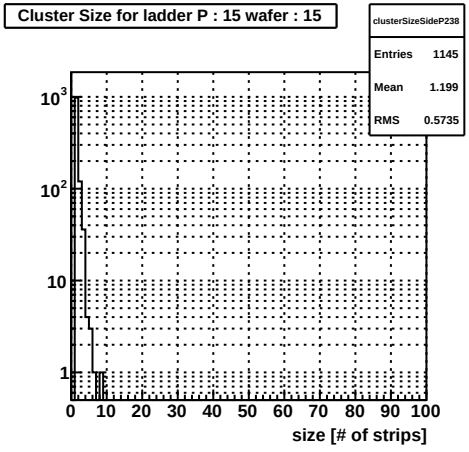

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 886
Mean 1.29
RMS 0.6905
size [# of strips]

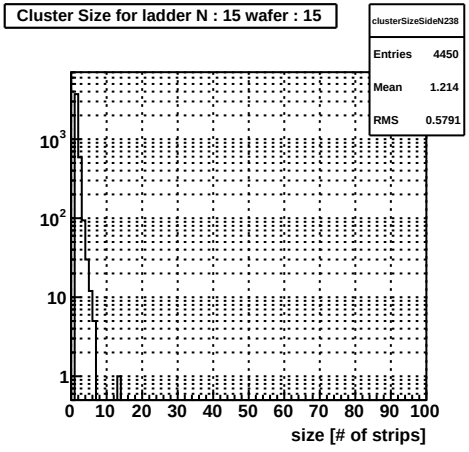

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 1278
Mean 1.339
RMS 0.757
size [# of strips]

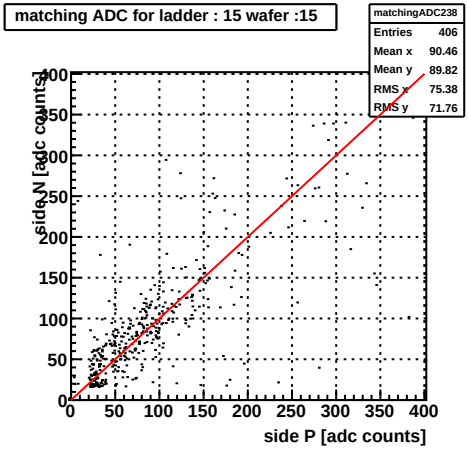

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 367
Mean x 98.41
Mean y 100.6
RMS x 68.32
RMS y 71.16
side N [adc counts]
side P [adc counts]

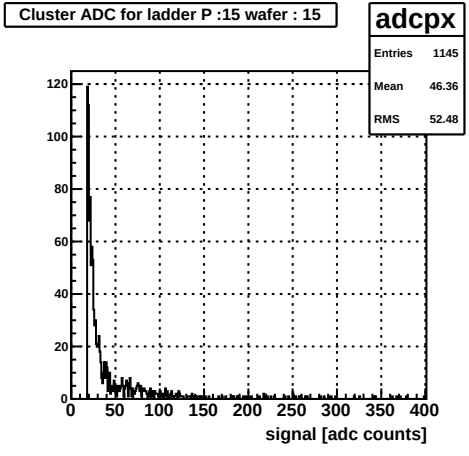

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 886
Mean 54.07
RMS 60.49
signal [adc counts]

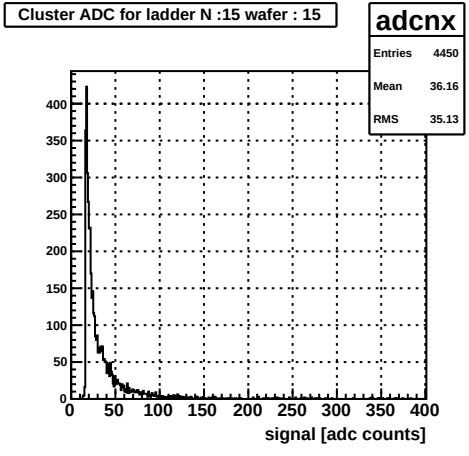

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 1278
Mean 51.84
RMS 60.61
signal [adc counts]

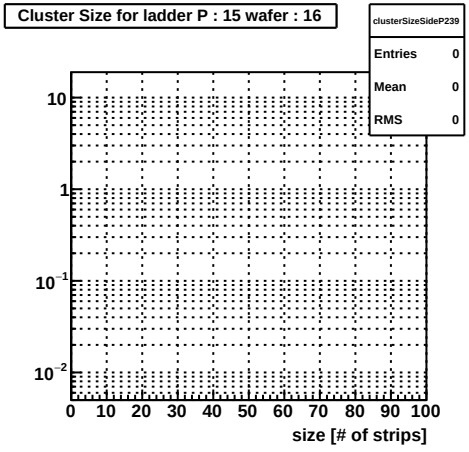

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 1145
Mean 1.199
RMS 0.5735
size [# of strips]

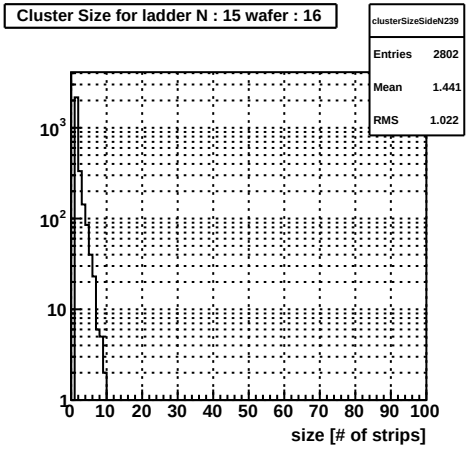

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 4450
Mean 1.214
RMS 0.5791
size [# of strips]

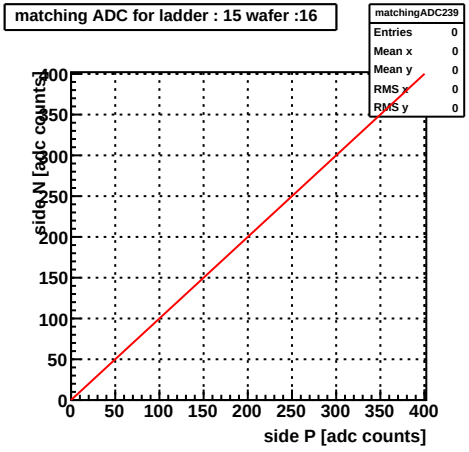

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 406
Mean x 90.46
Mean y 89.82
RMS x 75.38
RMS y 71.76
side N [adc counts]
side P [adc counts]

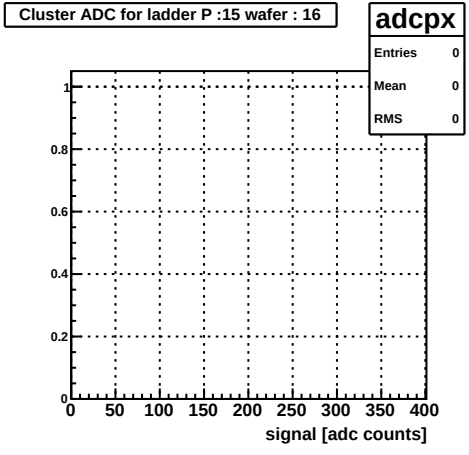

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 1145
Mean 46.36
RMS 52.48
signal [adc counts]

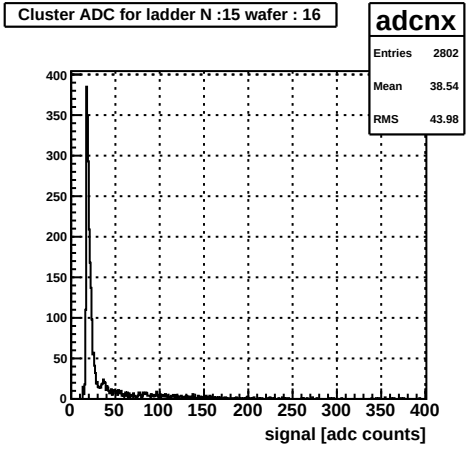

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 4450
Mean 36.16
RMS 35.13
signal [adc counts]

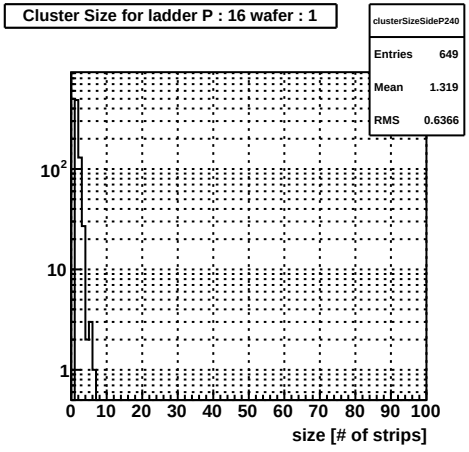

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 0
Mean 0
RMS 0
size [# of strips]

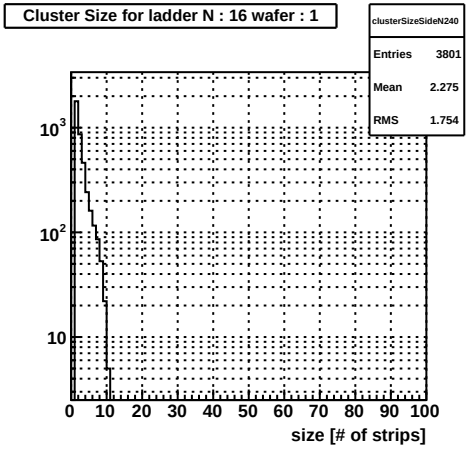

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 2802
Mean 1.441
RMS 1.022
size [# of strips]

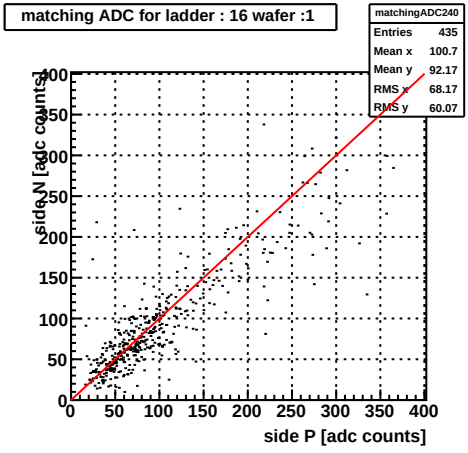

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

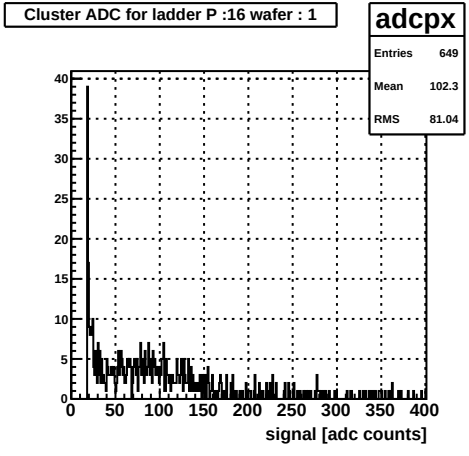

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

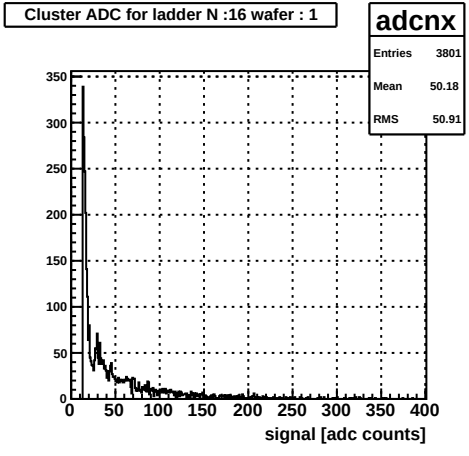

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 2802
Mean 38.54
RMS 43.98
signal [adc counts]

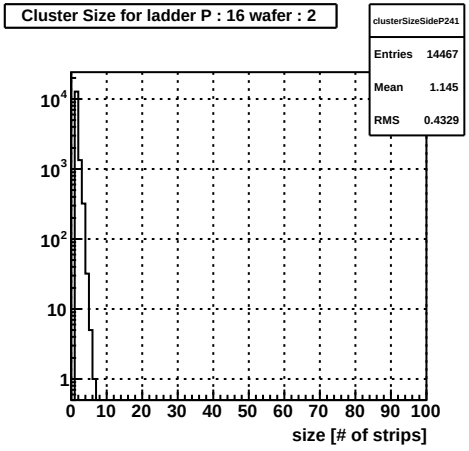

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 649
Mean 1.319
RMS 0.6366
size [# of strips]

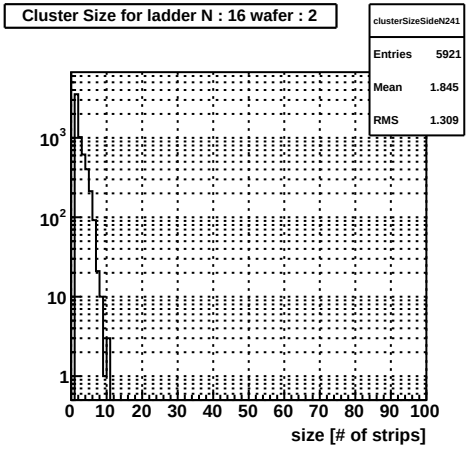

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 3801
Mean 2.275
RMS 1.754
size [# of strips]

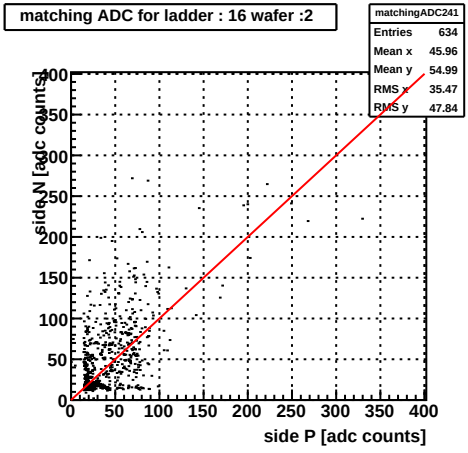

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 435
Mean x 100.7
Mean y 92.17
RMS x 68.17
RMS y 60.07
side N [adc counts]
side P [adc counts]

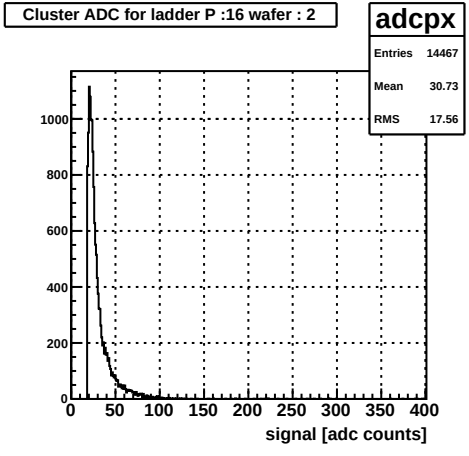

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 649
Mean 102.3
RMS 81.04
signal [adc counts]

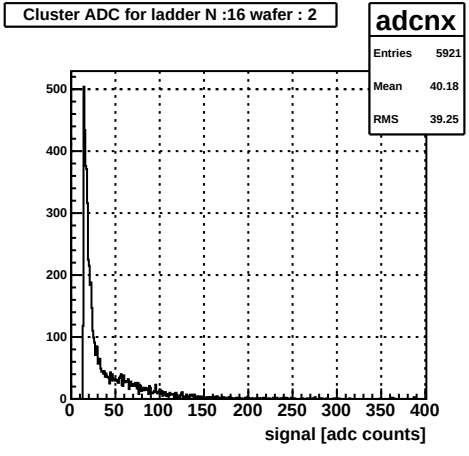

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 3801
Mean 50.18
RMS 50.91
signal [adc counts]

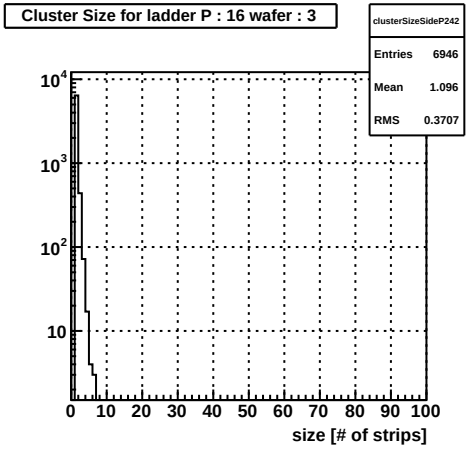

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 14467
Mean 1.145
RMS 0.4329
size [# of strips]

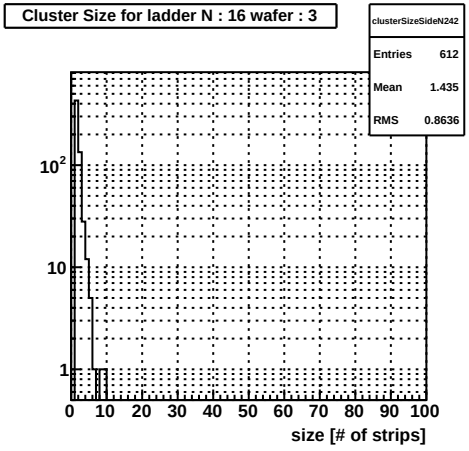

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 5921
Mean 1.845
RMS 1.309
size [# of strips]

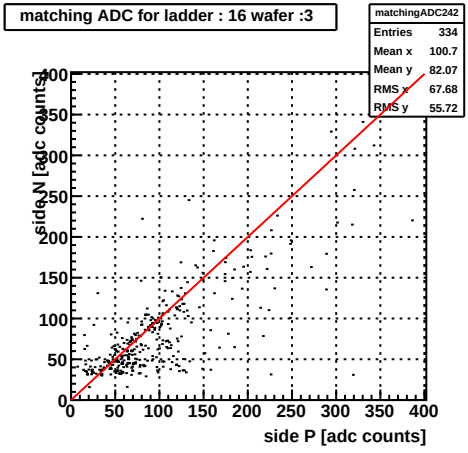

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 634
Mean x 45.96
Mean y 54.99
RMS x 35.47
RMS y 47.84
side N [adc counts]
side P [adc counts]

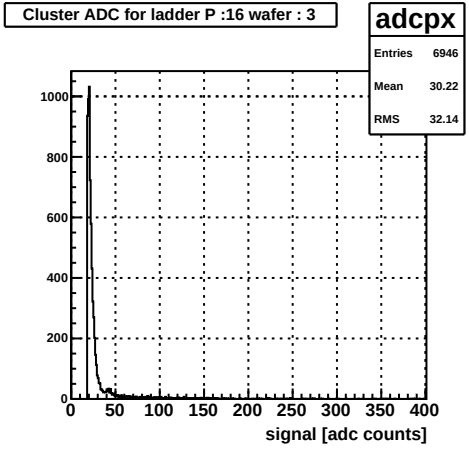

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 14467
Mean 30.73
RMS 17.56
signal [adc counts]

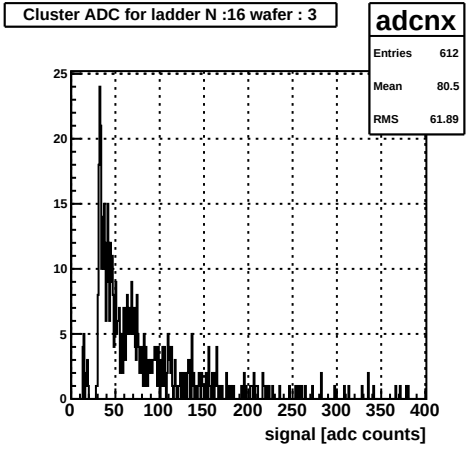

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 5921
Mean 40.18
RMS 39.25
signal [adc counts]

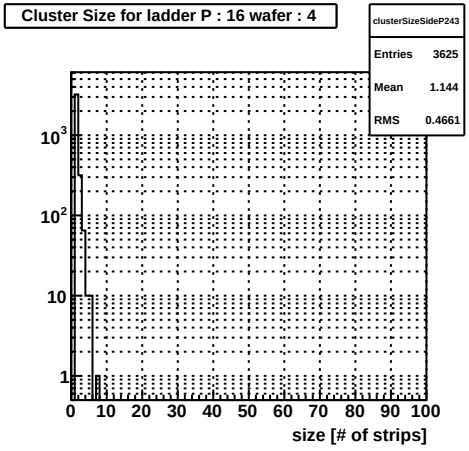

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 6946
Mean 1.096
RMS 0.3707
size [# of strips]

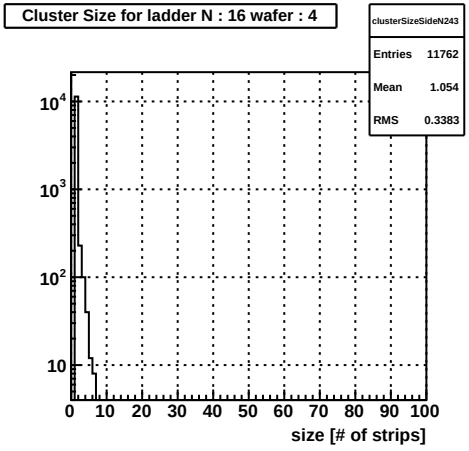

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 612
Mean 1.435
RMS 0.8636
size [# of strips]

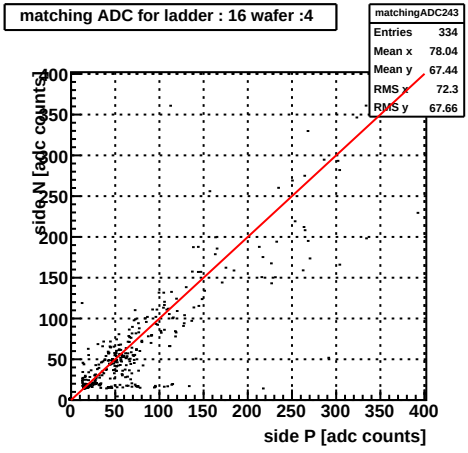

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 334
Mean x 100.7
Mean y 82.07
RMS x 67.68
RMS y 55.72
side N [adc counts]
side P [adc counts]

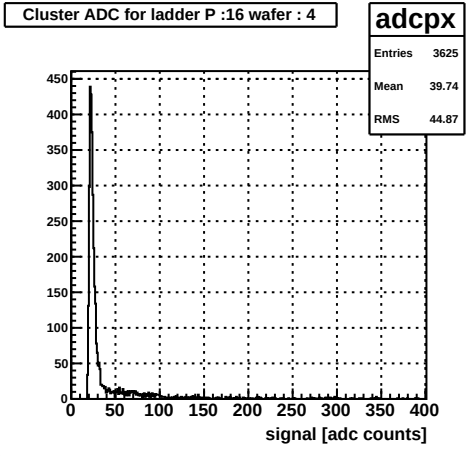

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 6946
Mean 30.22
RMS 32.14
signal [adc counts]

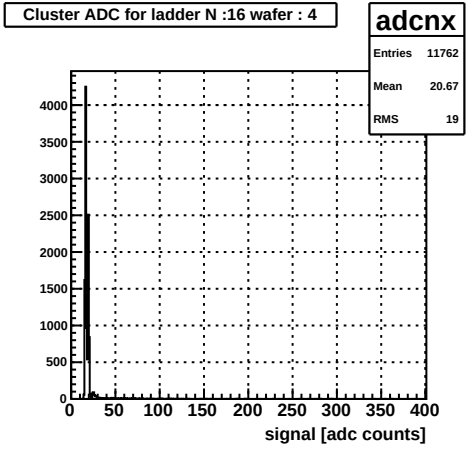

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 612
Mean 80.5
RMS 61.89
signal [adc counts]

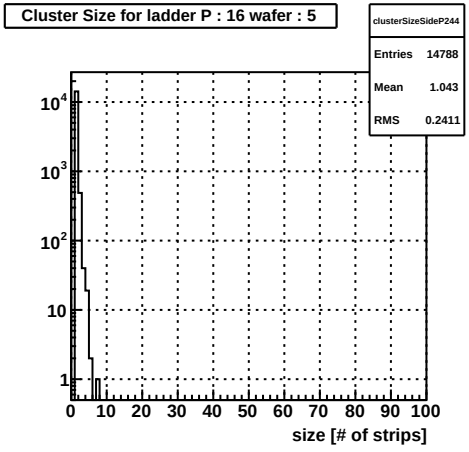

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 3625
Mean 1.144
RMS 0.4661
size [# of strips]

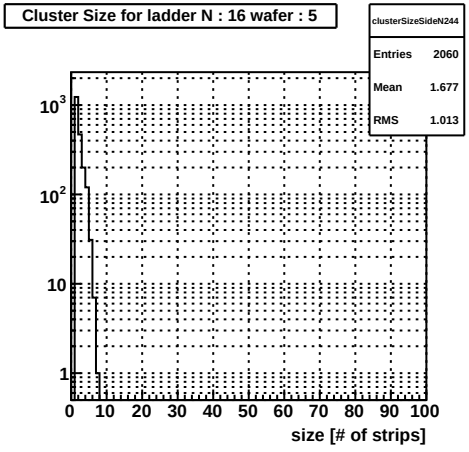

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 11762
Mean 1.054
RMS 0.3383
size [# of strips]

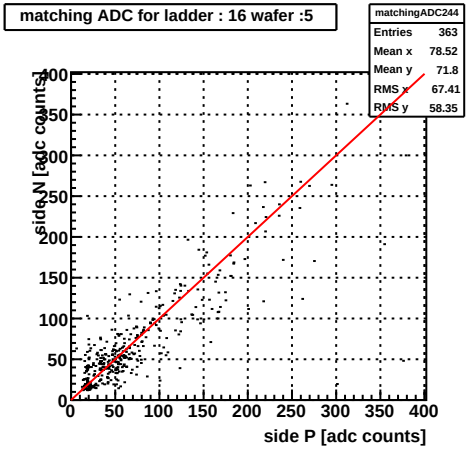

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 334
Mean x 78.04
Mean y 67.44
RMS x 72.3
RMS y 67.66
side N [adc counts]
side P [adc counts]

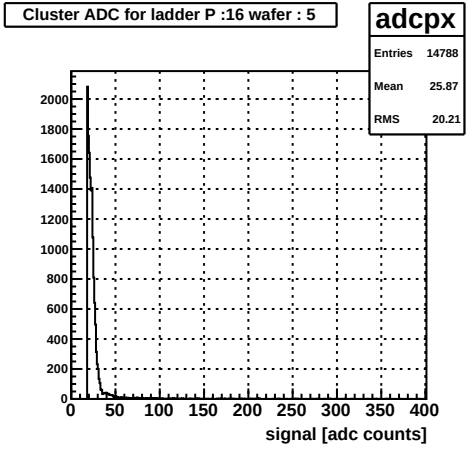

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 3625
Mean 39.74
RMS 44.87
signal [adc counts]

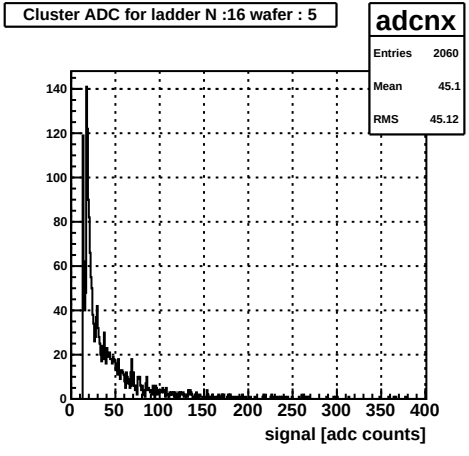

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 11762
Mean 20.67
RMS 19
signal [adc counts]

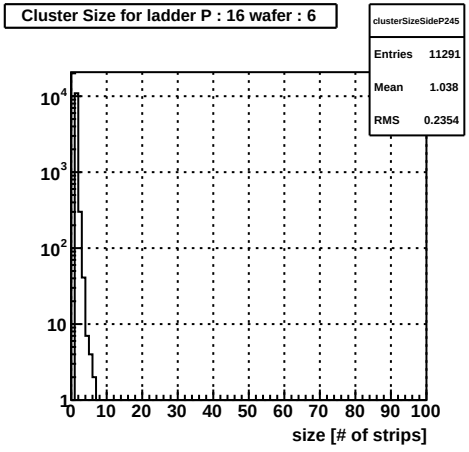

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 14788
Mean 1.043
RMS 0.2411
size [# of strips]

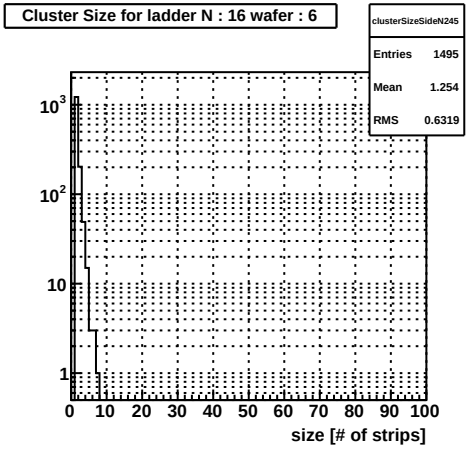

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 2060
Mean 1.677
RMS 1.013
size [# of strips]

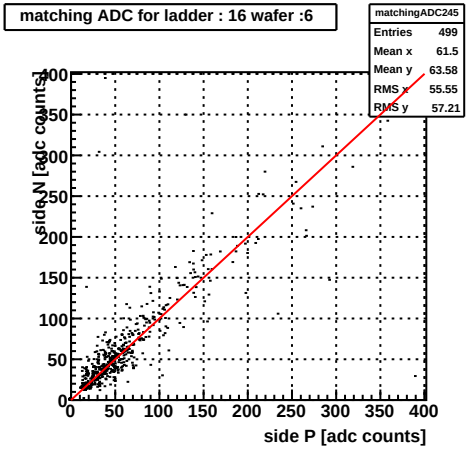

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 363
Mean x 78.52
Mean y 71.8
RMS x 67.41
RMS y 58.35
side N [adc counts]
side P [adc counts]

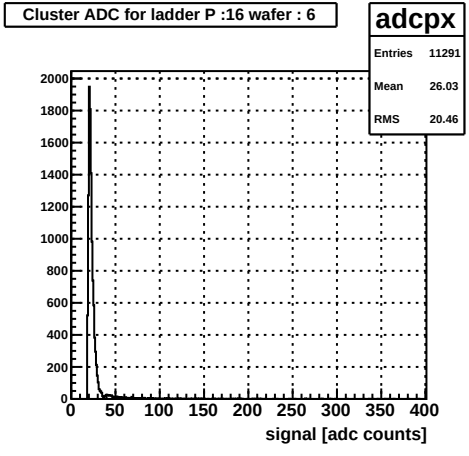

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 14788
Mean 25.87
RMS 20.21
signal [adc counts]

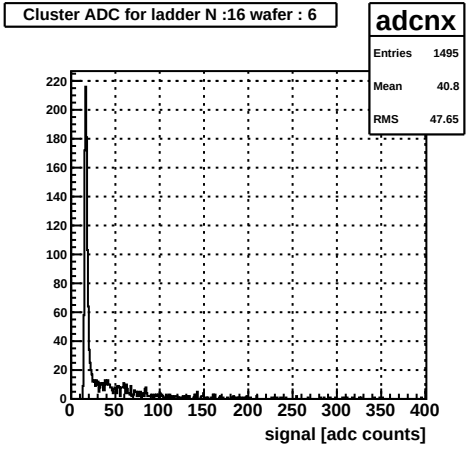

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 2060
Mean 45.1
RMS 45.12
signal [adc counts]

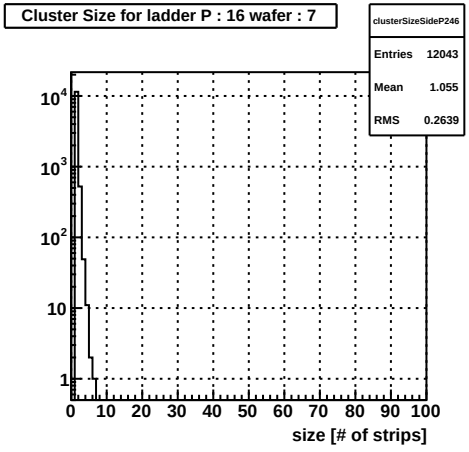

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 11291
Mean 1.038
RMS 0.2354
size [# of strips]

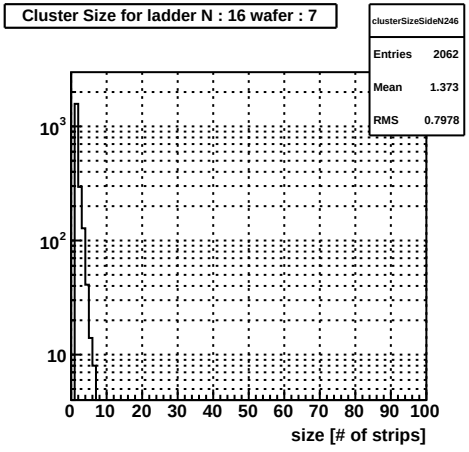

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 1495
Mean 1.254
RMS 0.6319
size [# of strips]

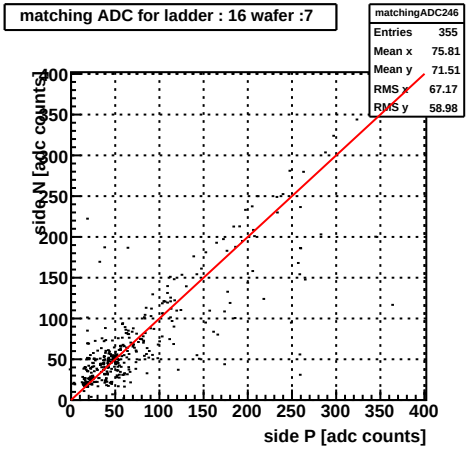

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 499
Mean x 61.5
Mean y 63.58
RMS x 55.55
RMS y 57.21
side N [adc counts]
side P [adc counts]

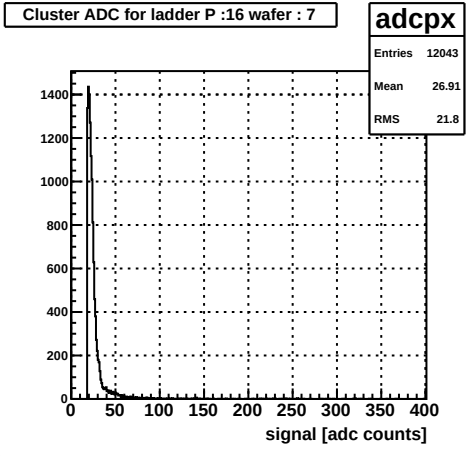

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 11291
Mean 26.03
RMS 20.46
signal [adc counts]

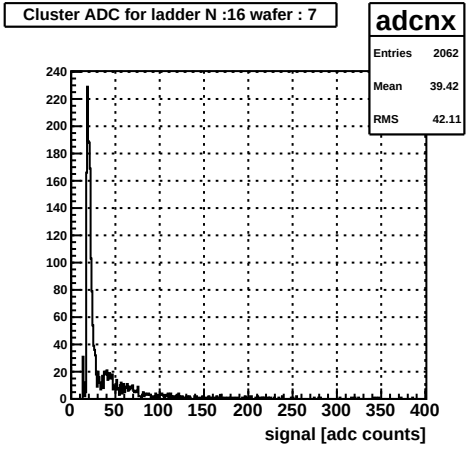

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 1495
Mean 40.8
RMS 47.65
signal [adc counts]

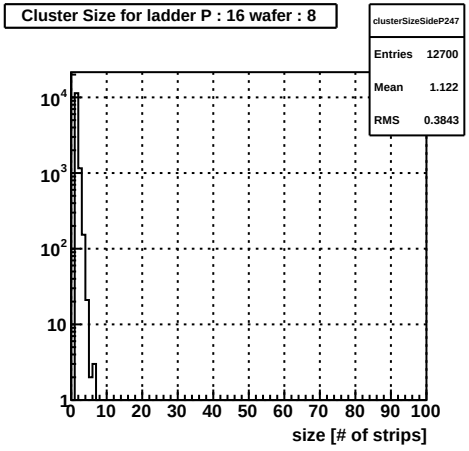

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 12043
Mean 1.055
RMS 0.2639
size [# of strips]

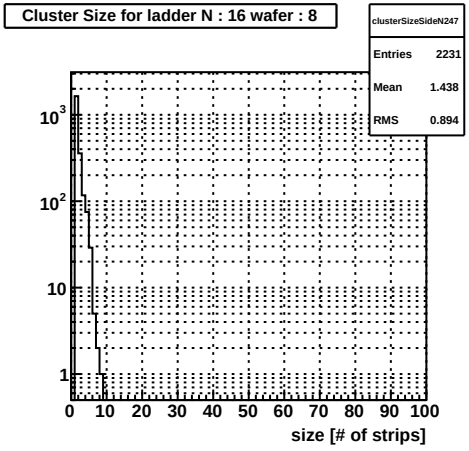

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 2062
Mean 1.373
RMS 0.7978
size [# of strips]

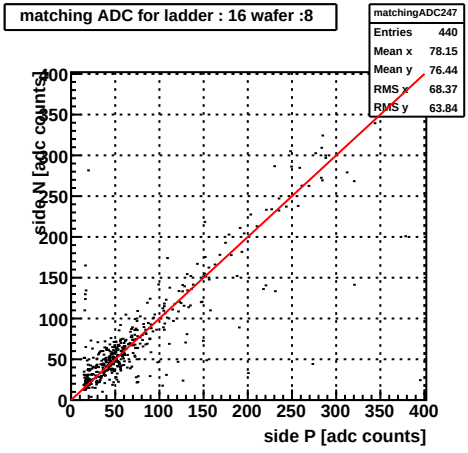

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 355
Mean x 75.81
Mean y 71.51
RMS x 67.17
RMS y 58.98
side N [adc counts]
side P [adc counts]

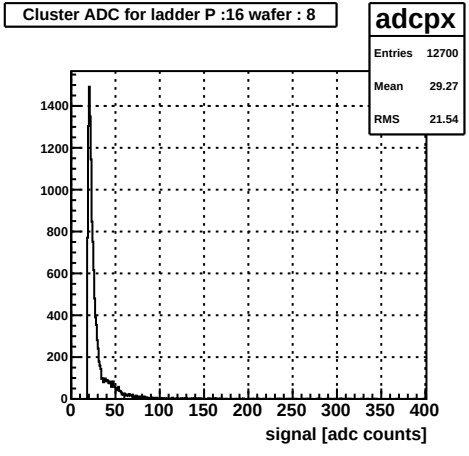

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 12043
Mean 26.91
RMS 21.8
signal [adc counts]

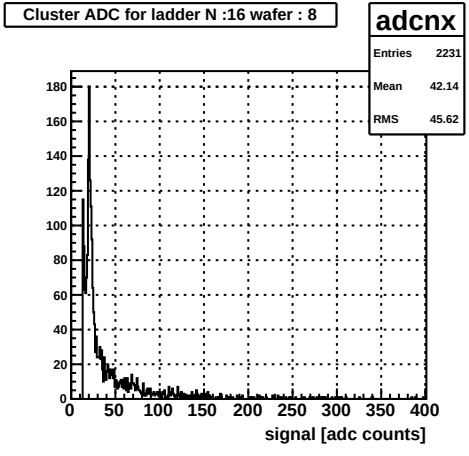

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 2062
Mean 39.42
RMS 42.11
signal [adc counts]

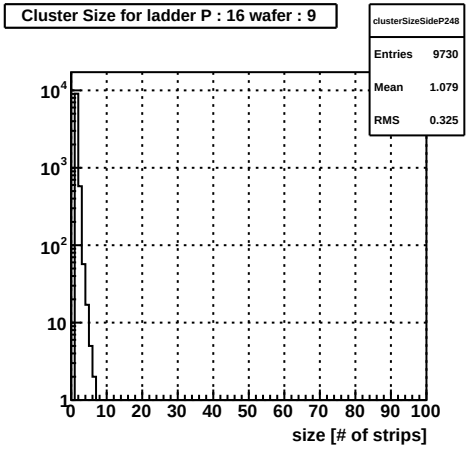

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 12700
Mean 1.122
RMS 0.3843
size [# of strips]

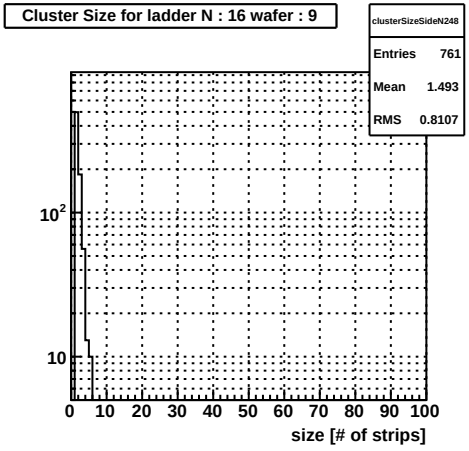

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 2231
Mean 1.438
RMS 0.894
size [# of strips]

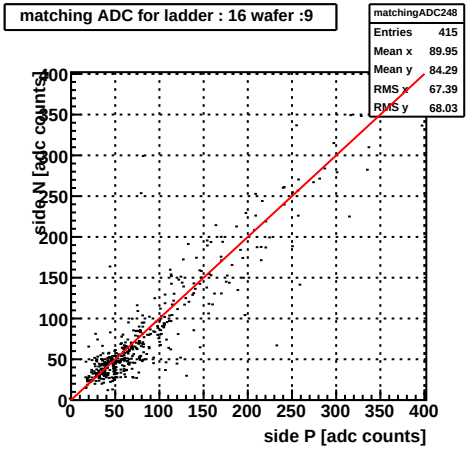

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 440
Mean x 78.15
Mean y 76.44
RMS x 68.37
RMS y 63.84
side N [adc counts]
side P [adc counts]

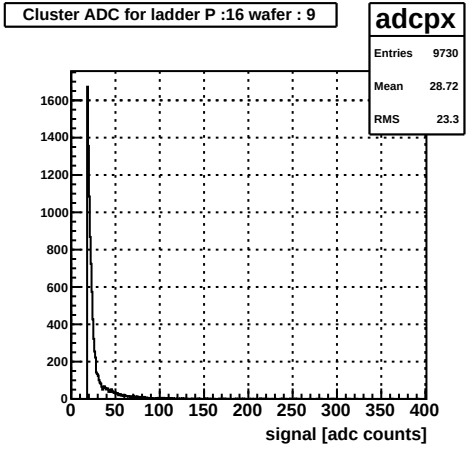

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 12700
Mean 29.27
RMS 21.54
signal [adc counts]

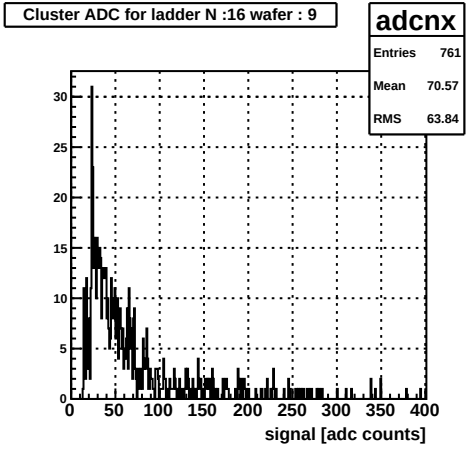

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 2231
Mean 42.14
RMS 45.62
signal [adc counts]

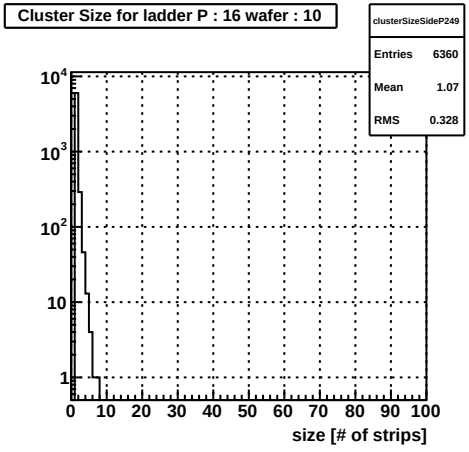

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 9730
Mean 1.079
RMS 0.325
size [# of strips]

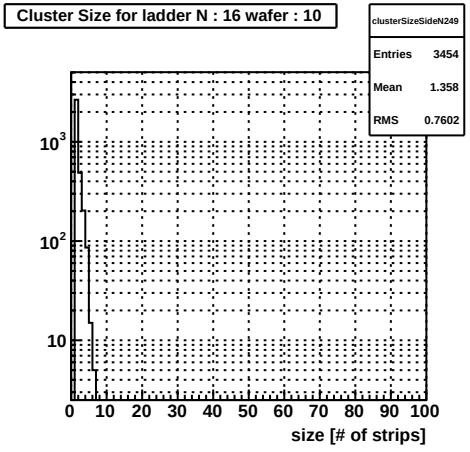

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 761
Mean 1.493
RMS 0.8107
size [# of strips]

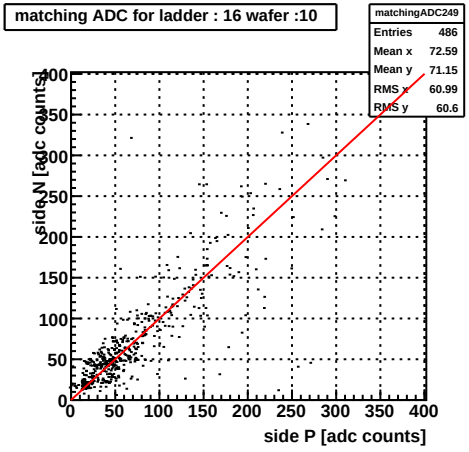

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 415
Mean x 89.95
Mean y 84.29
RMS x 67.39
RMS y 68.03
side N [adc counts]
side P [adc counts]

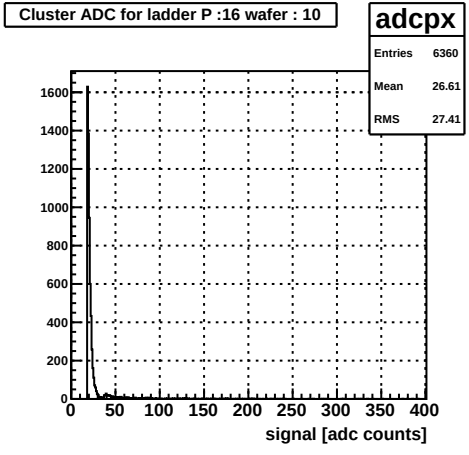

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 9730
Mean 28.72
RMS 23.3
signal [adc counts]

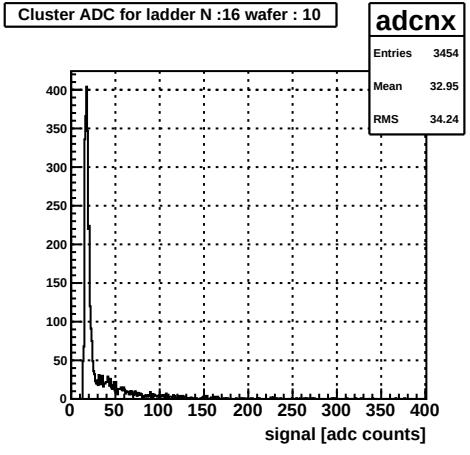

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 761
Mean 70.57
RMS 63.84
signal [adc counts]

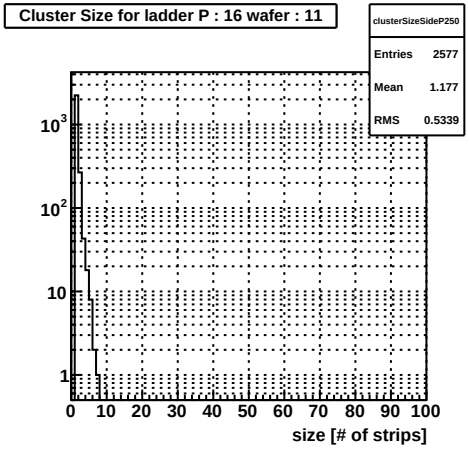

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 6360
Mean 1.07
RMS 0.328
size [# of strips]

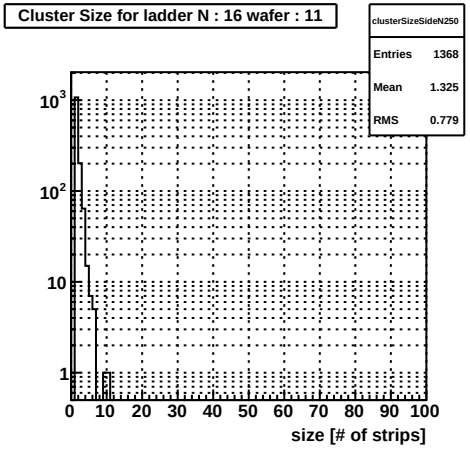

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 3454
Mean 1.358
RMS 0.7602
size [# of strips]

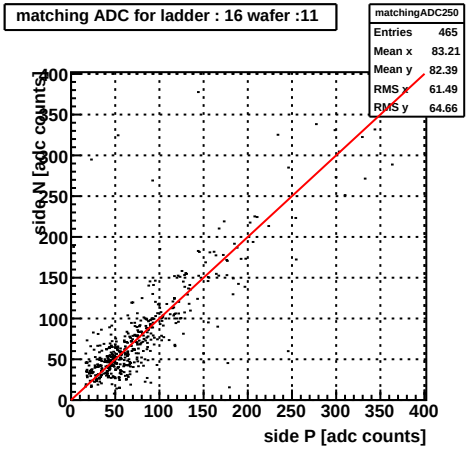

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 486
Mean x 72.59
Mean y 71.15
RMS x 60.99
RMS y 60.6
side N [adc counts]
side P [adc counts]

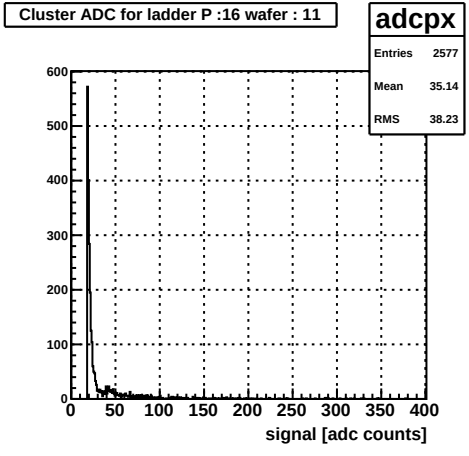

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 6360
Mean 26.61
RMS 27.41
signal [adc counts]

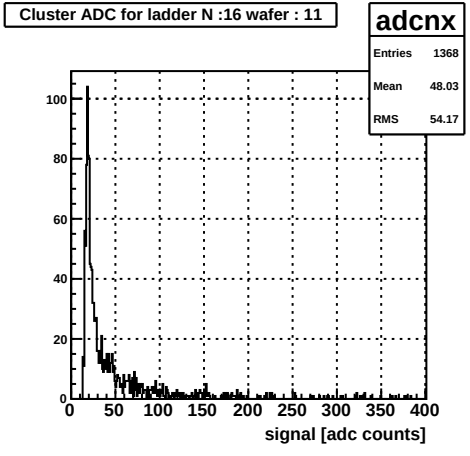

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 3454
Mean 32.95
RMS 34.24
signal [adc counts]

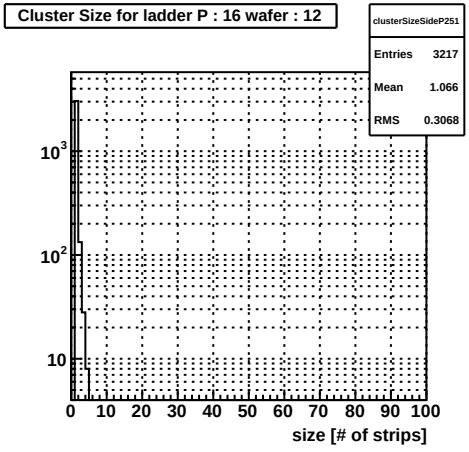

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 2577
Mean 1.177
RMS 0.5339
size [# of strips]

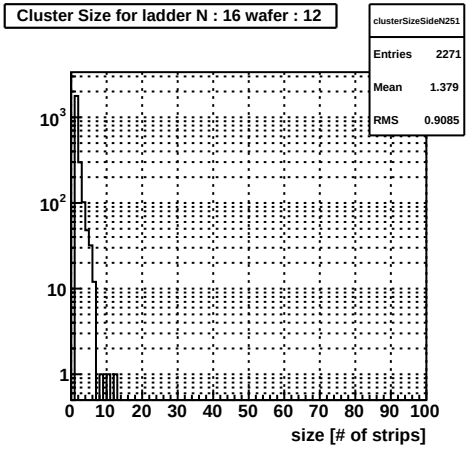

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 1368
Mean 1.325
RMS 0.779
size [# of strips]

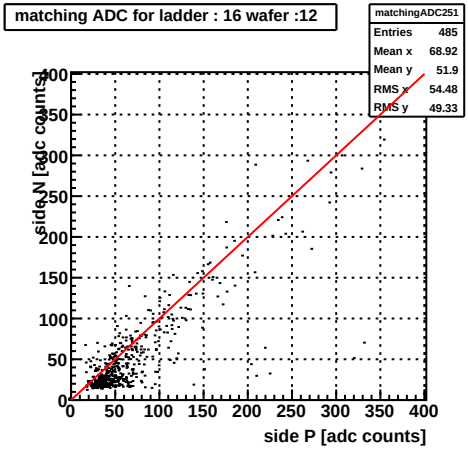

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 465
Mean x 83.21
Mean y 82.39
RMS x 61.49
RMS y 64.66
side N [adc counts]
side P [adc counts]

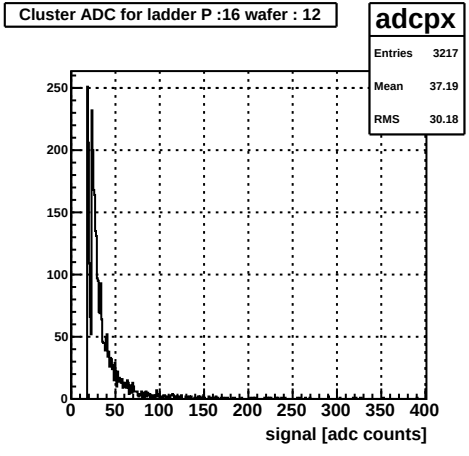

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 2577
Mean 35.14
RMS 38.23
signal [adc counts]

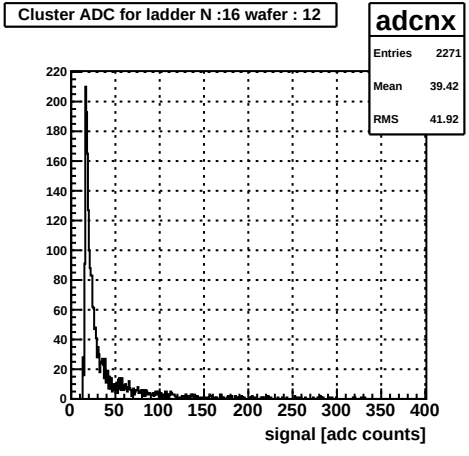

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 1368
Mean 48.03
RMS 54.17
signal [adc counts]

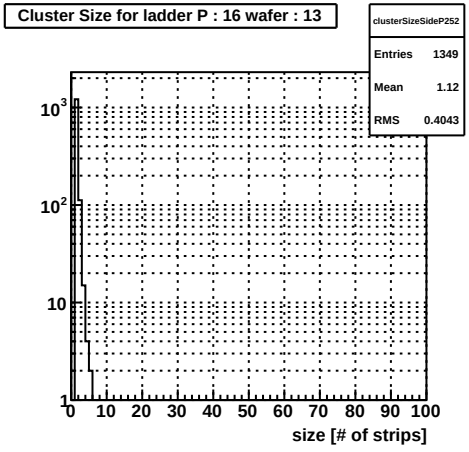

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 3217
Mean 1.066
RMS 0.3068
size [# of strips]

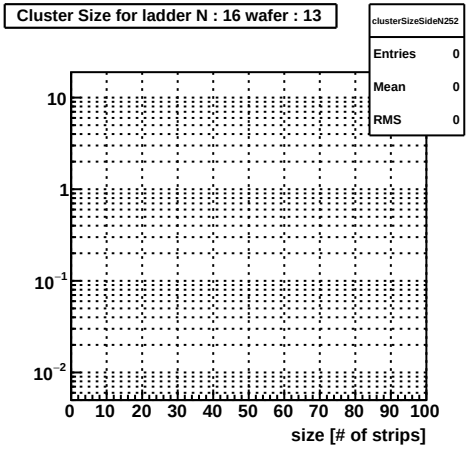

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 2271
Mean 1.379
RMS 0.9085
size [# of strips]

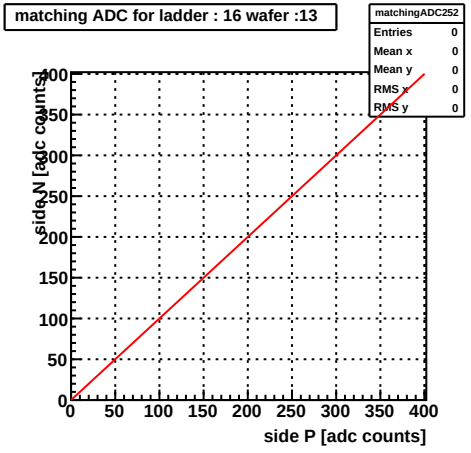

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 485
Mean x 68.92
Mean y 51.9
RMS x 54.48
RMS y 49.33
side N [adc counts]
side P [adc counts]

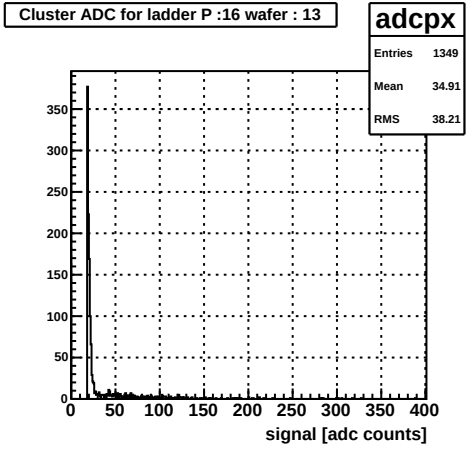

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 3217
Mean 37.19
RMS 30.18
signal [adc counts]

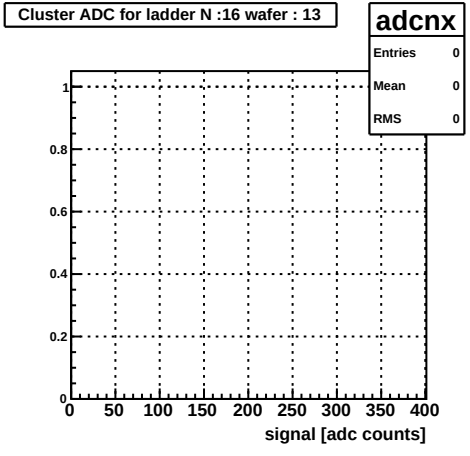

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 2271
Mean 39.42
RMS 41.92
signal [adc counts]

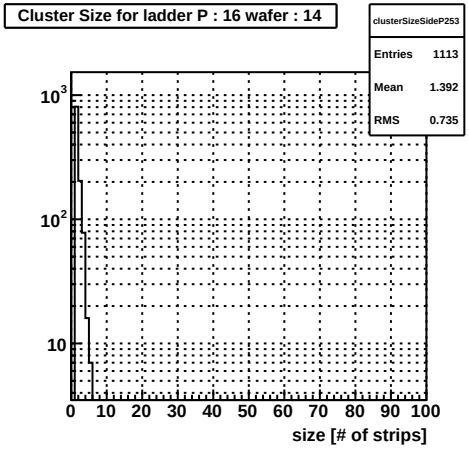

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 1349
Mean 1.12
RMS 0.4043
size [# of strips]

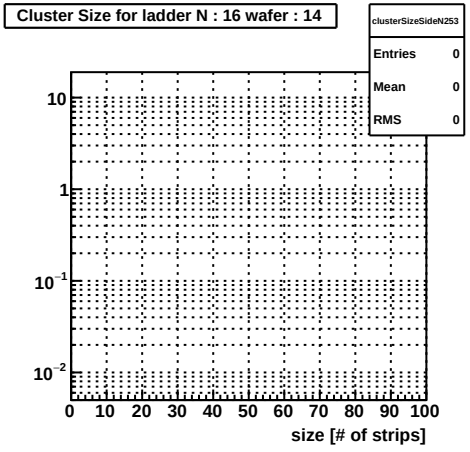

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

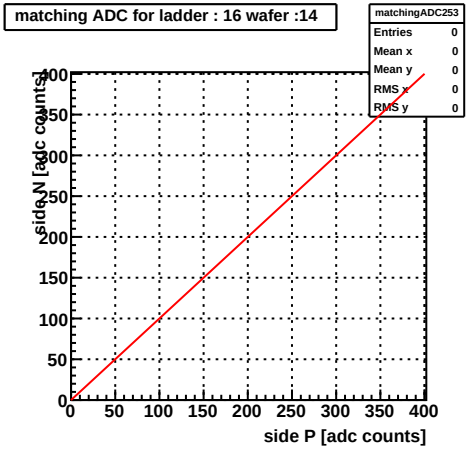

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

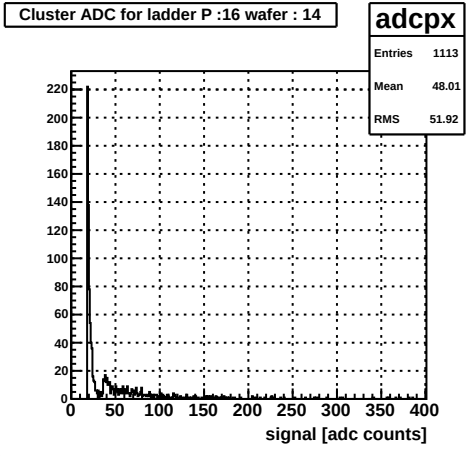

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 1349
Mean 34.91
RMS 38.21
signal [adc counts]

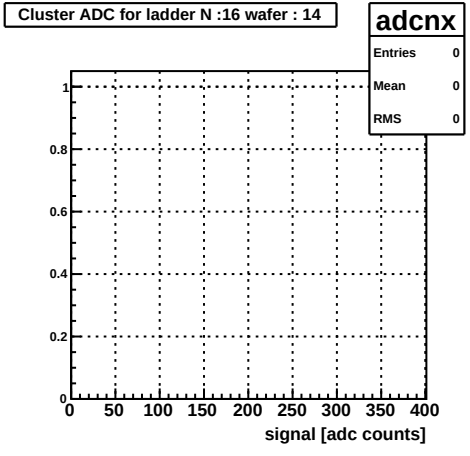

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

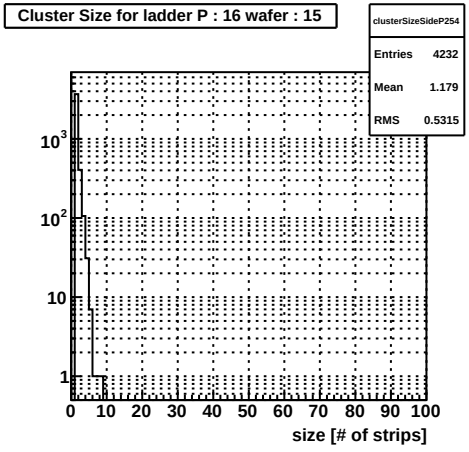

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 1113
Mean 1.392
RMS 0.735
size [# of strips]

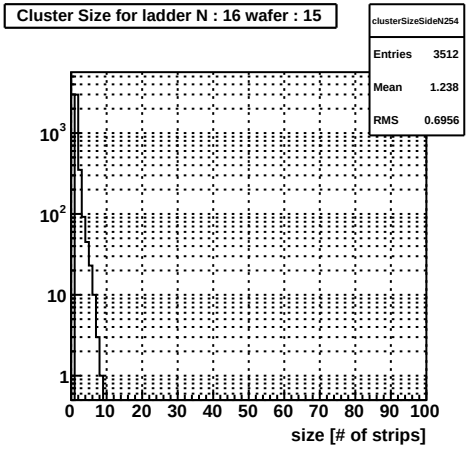

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 0
Mean 0
RMS 0
size [# of strips]

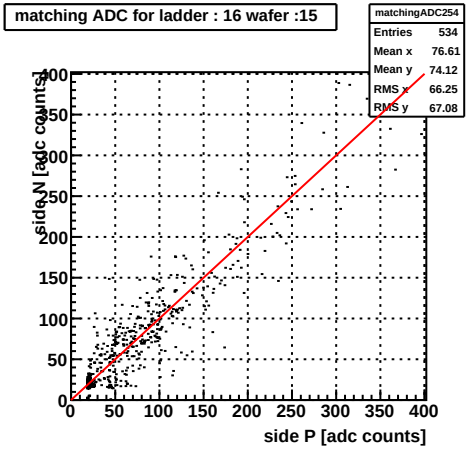

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

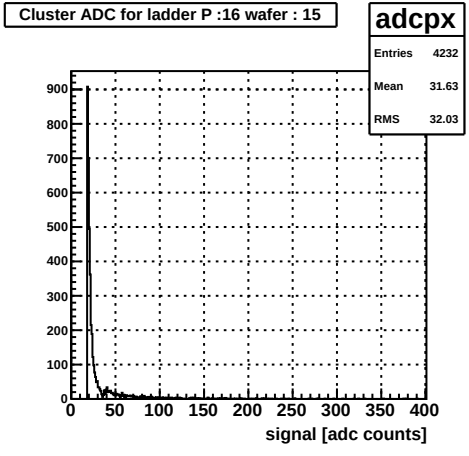

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 1113
Mean 48.01
RMS 51.92
signal [adc counts]

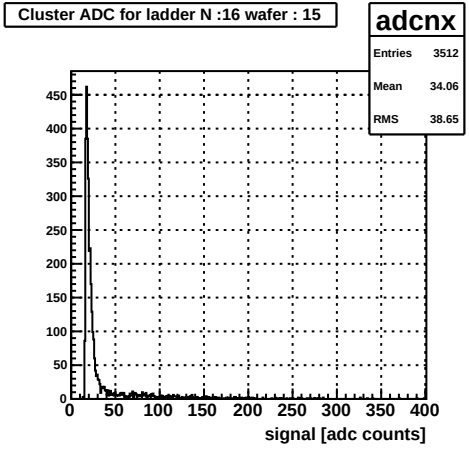

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

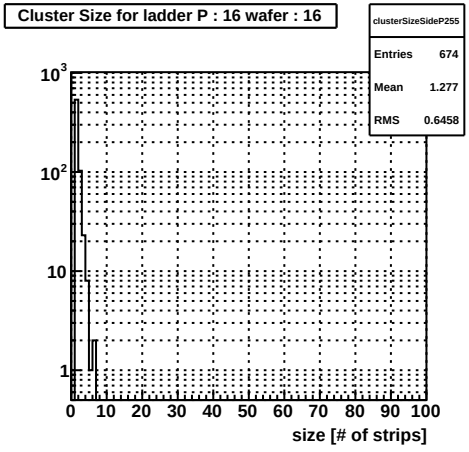

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 4232
Mean 1.179
RMS 0.5315
size [# of strips]

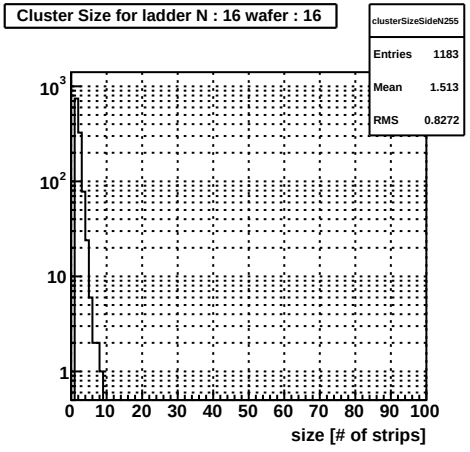

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 3512
Mean 1.238
RMS 0.6956
size [# of strips]

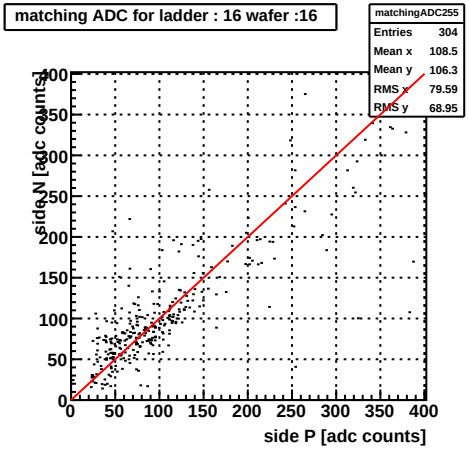

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 534
Mean x 76.61
Mean y 74.12
RMS x 66.25
RMS y 67.08
side N [adc counts]
side P [adc counts]

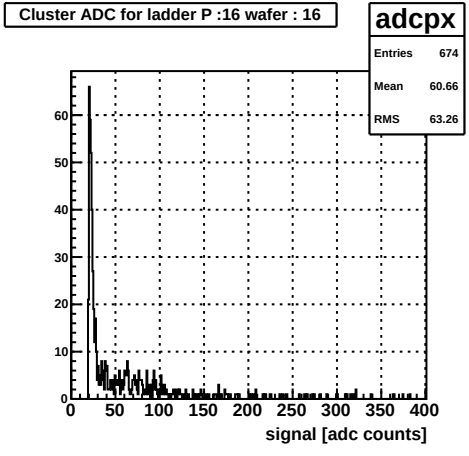

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 4232
Mean 31.63
RMS 32.03
signal [adc counts]

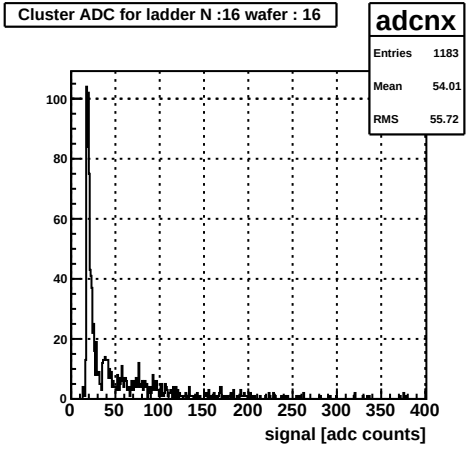

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 3512
Mean 34.06
RMS 38.65
signal [adc counts]

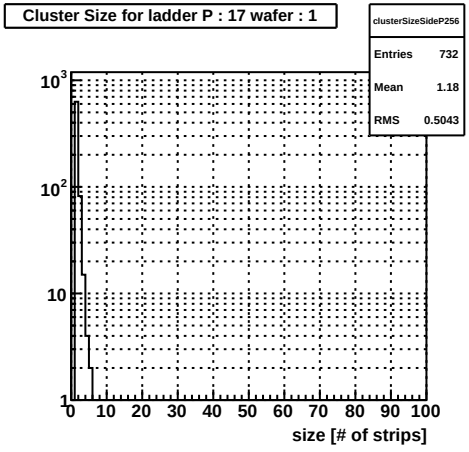

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 674
Mean 1.277
RMS 0.6458
size [# of strips]

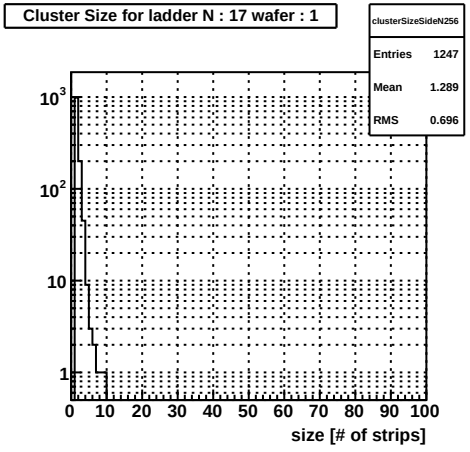

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 1183
Mean 1.513
RMS 0.8272
size [# of strips]

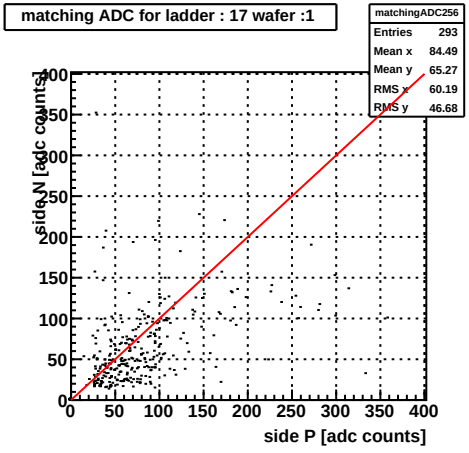

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 304
Mean x 108.5
Mean y 106.3
RMS x 79.59
RMS y 68.95
side N [adc counts]
side P [adc counts]

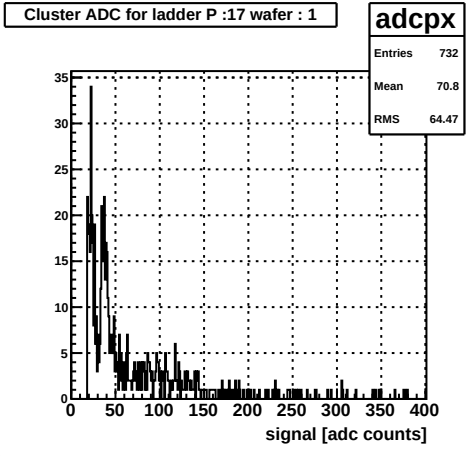

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 674
Mean 60.66
RMS 63.26
signal [adc counts]

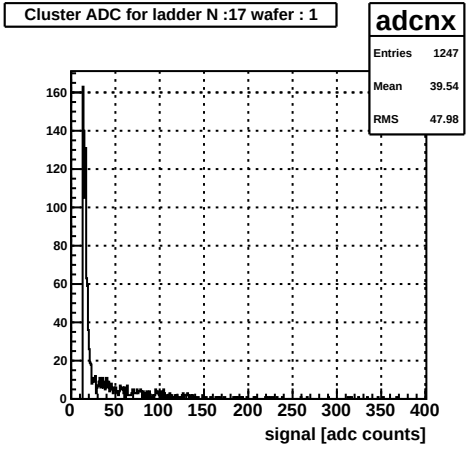

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 1183
Mean 54.01
RMS 55.72
signal [adc counts]

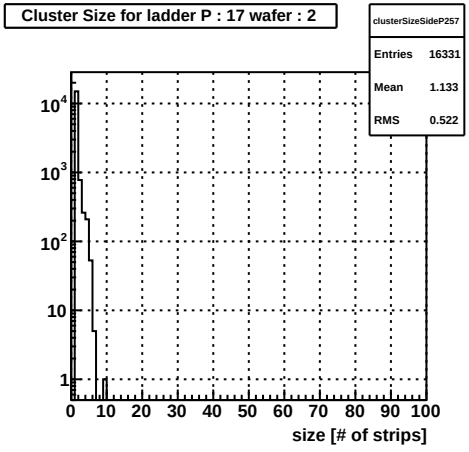

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 732
Mean 1.18
RMS 0.5043
size [# of strips]

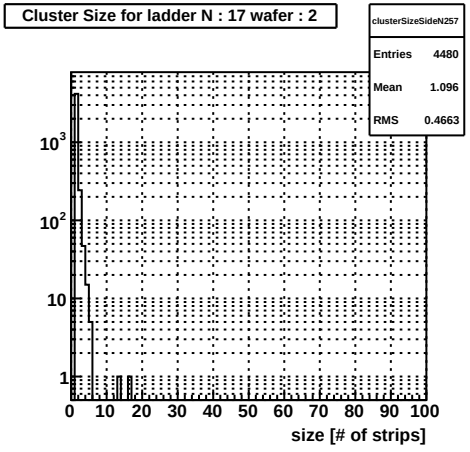

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 1247
Mean 1.289
RMS 0.696
size [# of strips]

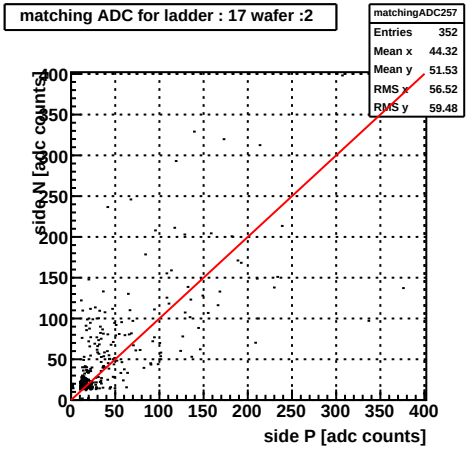

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 293
Mean x 84.49
Mean y 65.27
RMS x 60.19
RMS y 46.68
side N [adc counts]
side P [adc counts]

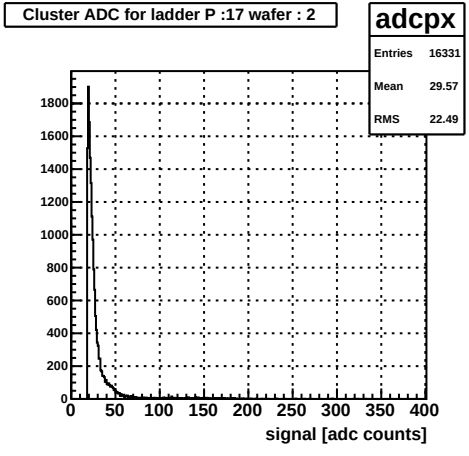

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 732
Mean 70.8
RMS 64.47
signal [adc counts]

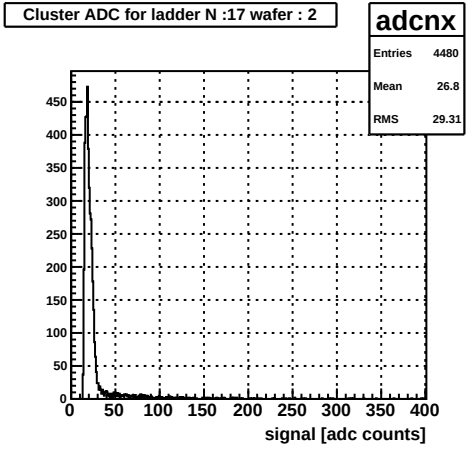

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 1247
Mean 39.54
RMS 47.98
signal [adc counts]

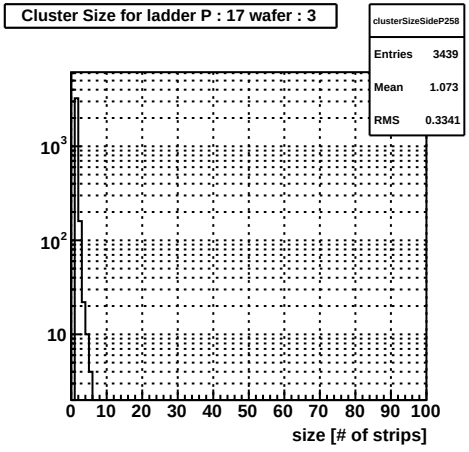

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 16331
Mean 1.133
RMS 0.522
size [# of strips]

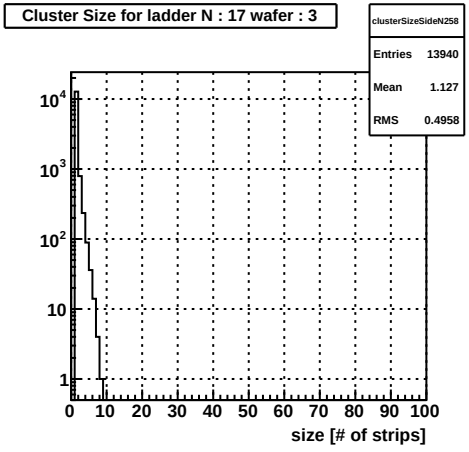

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 4480
Mean 1.096
RMS 0.4663
size [# of strips]

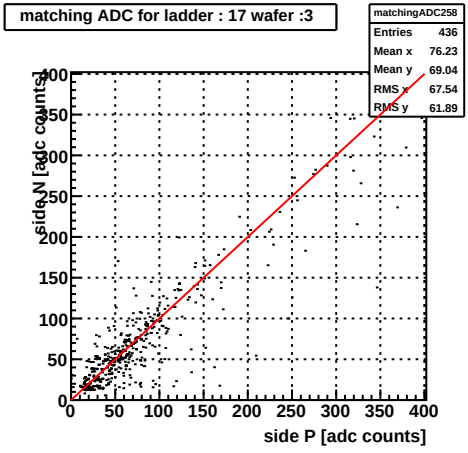

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 352
Mean x 44.32
Mean y 51.53
RMS x 56.52
RMS y 59.48
side N [adc counts]
side P [adc counts]

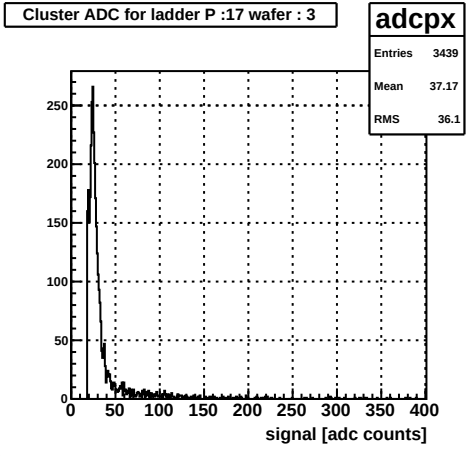

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 16331
Mean 29.57
RMS 22.49
signal [adc counts]

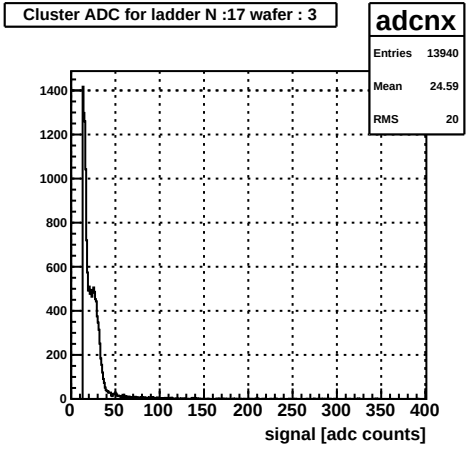

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 4480
Mean 26.8
RMS 29.31
signal [adc counts]

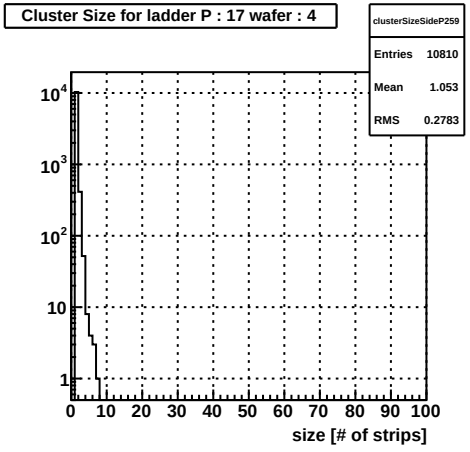

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 3439
Mean 1.073
RMS 0.3341
size [# of strips]

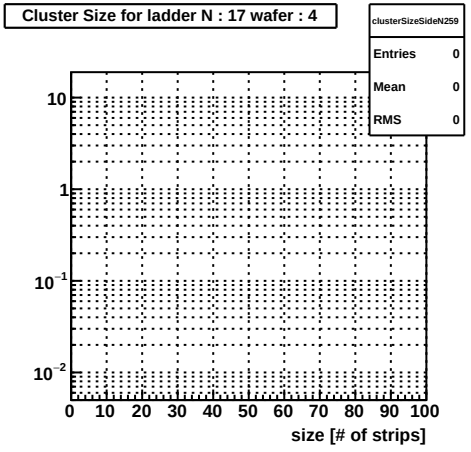

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 13940
Mean 1.127
RMS 0.4958
size [# of strips]

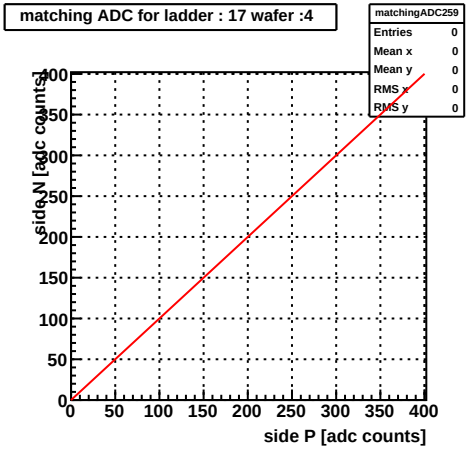

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 436
Mean x 76.23
Mean y 69.04
RMS x 67.54
RMS y 61.89
side N [adc counts]
side P [adc counts]

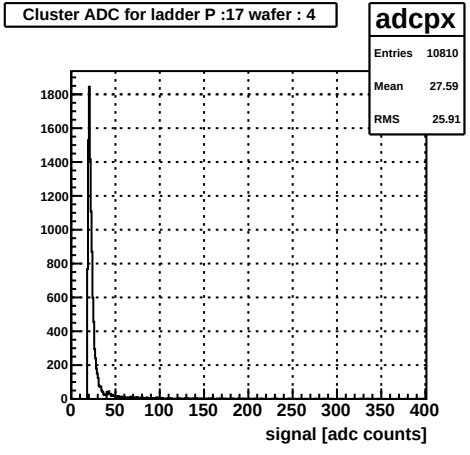

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 3439
Mean 37.17
RMS 36.1
signal [adc counts]

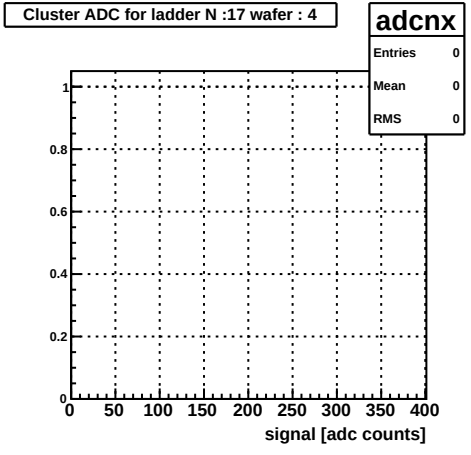

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 13940
Mean 24.59
RMS 20
signal [adc counts]

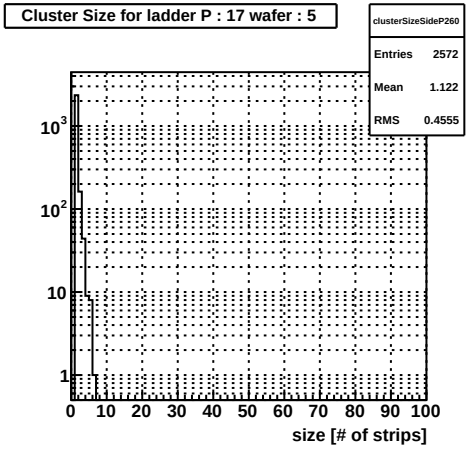

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 10810
Mean 1.053
RMS 0.2783
size [# of strips]

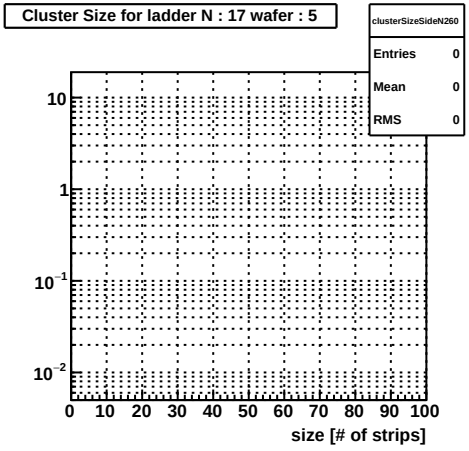

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

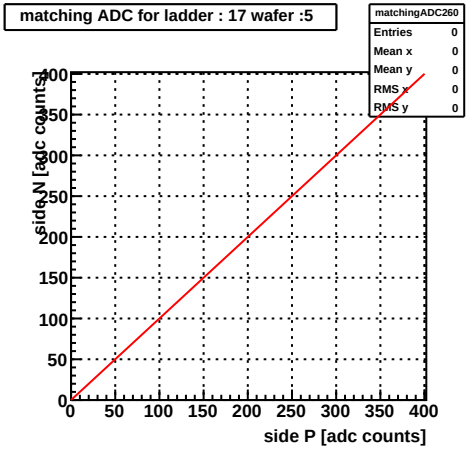

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

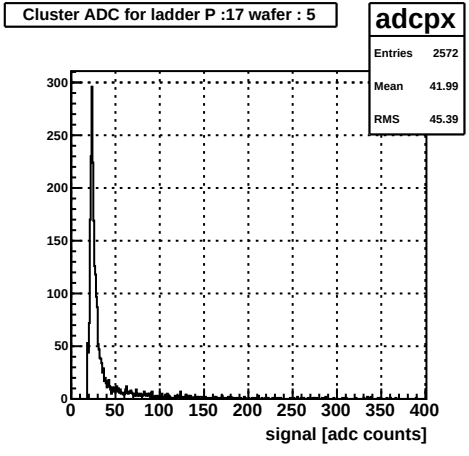

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 10810
Mean 27.59
RMS 25.91
signal [adc counts]

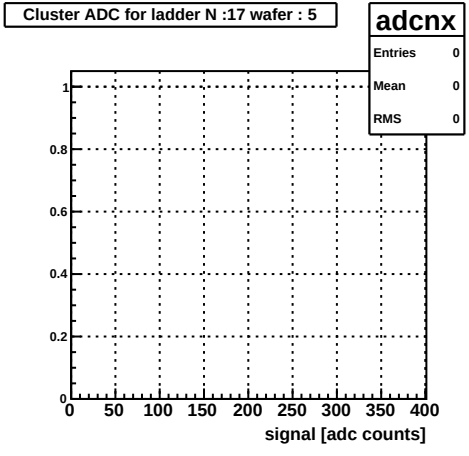

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

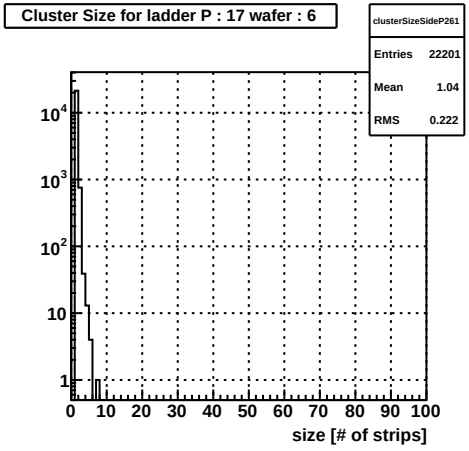

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 2572
Mean 1.122
RMS 0.4555
size [# of strips]

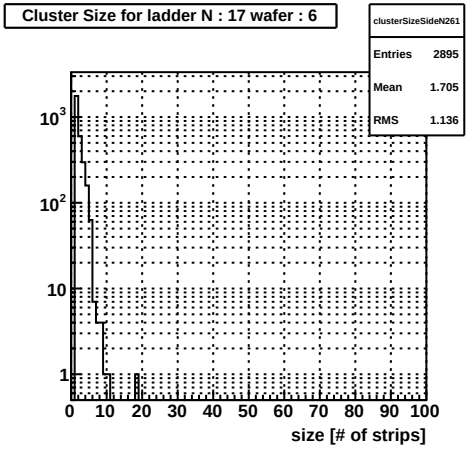

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 0
Mean 0
RMS 0
size [# of strips]

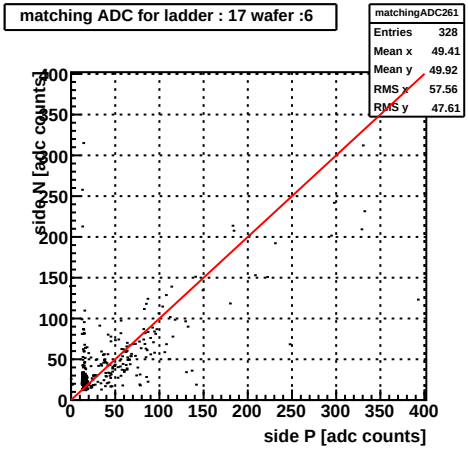

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

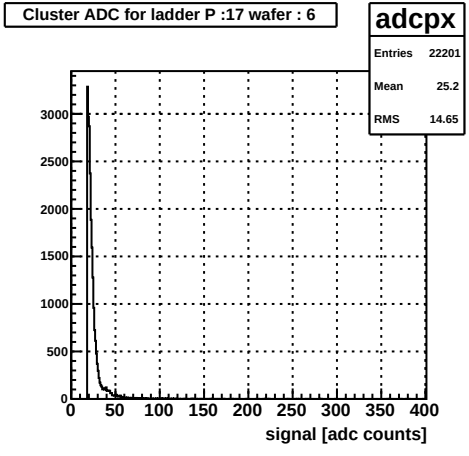

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 2572
Mean 41.99
RMS 45.39
signal [adc counts]

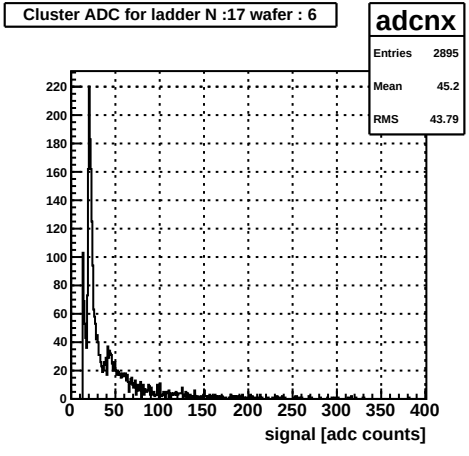

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

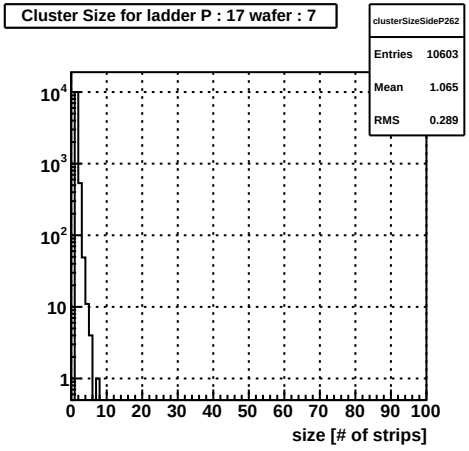

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 22201
Mean 1.04
RMS 0.222
size [# of strips]

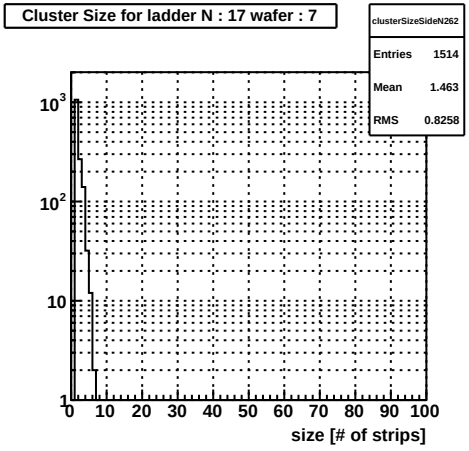

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 2895
Mean 1.705
RMS 1.136
size [# of strips]

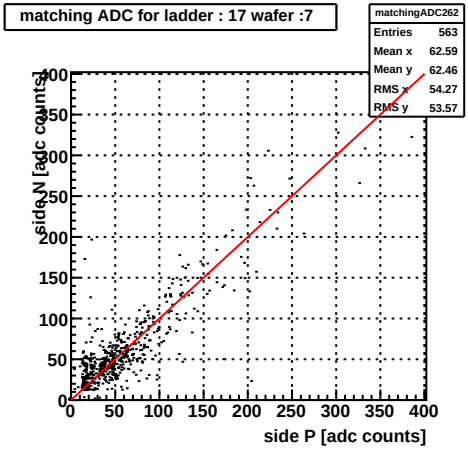

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 328
Mean x 49.41
Mean y 49.92
RMS x 57.56
RMS y 47.61
side N [adc counts]
side P [adc counts]

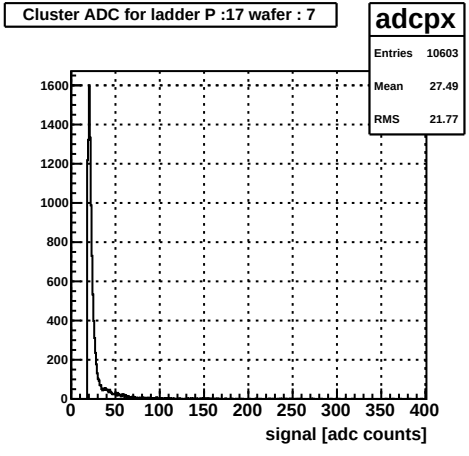

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 22201
Mean 25.2
RMS 14.65
signal [adc counts]

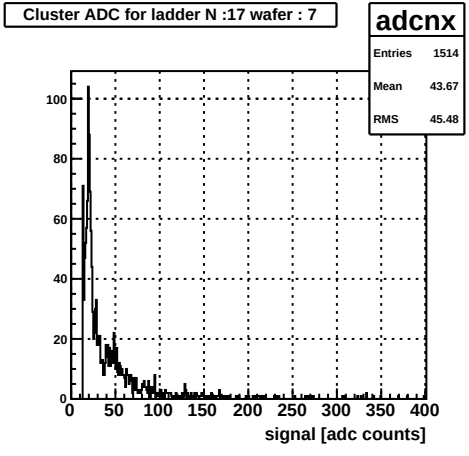

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 2895
Mean 45.2
RMS 43.79
signal [adc counts]

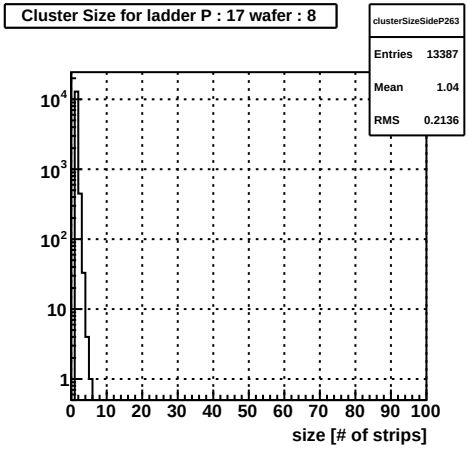

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 10603
Mean 1.065
RMS 0.289
size [# of strips]

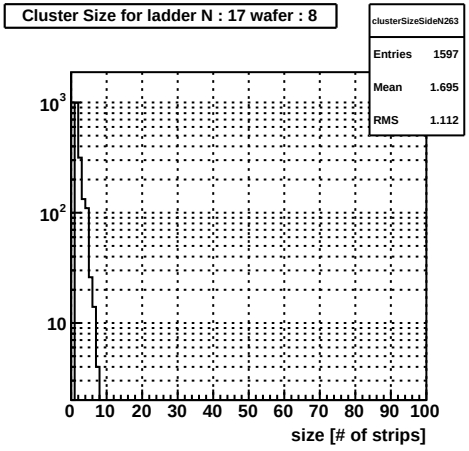

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 1514
Mean 1.463
RMS 0.8258
size [# of strips]

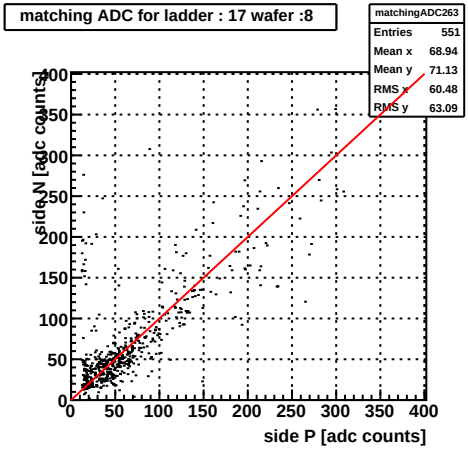

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 563
Mean x 62.59
Mean y 62.46
RMS x 54.27
RMS y 53.57
side N [adc counts]
side P [adc counts]

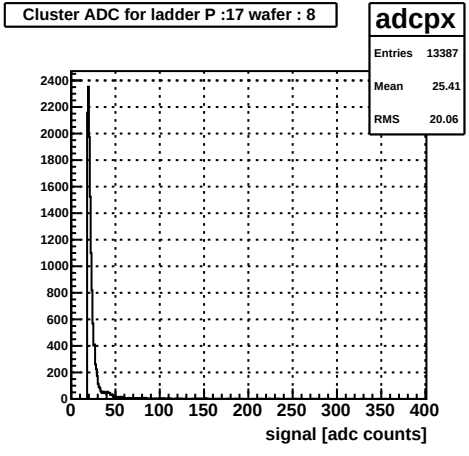

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 10603
Mean 27.49
RMS 21.77
signal [adc counts]

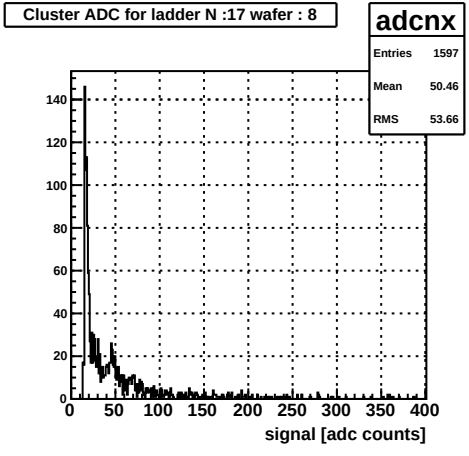

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 1514
Mean 43.67
RMS 45.48
signal [adc counts]

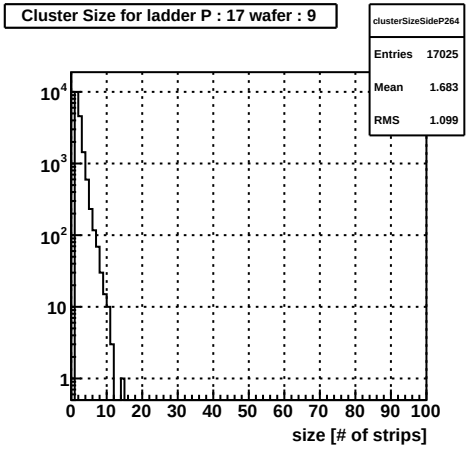

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 13387
Mean 1.04
RMS 0.2136
size [# of strips]

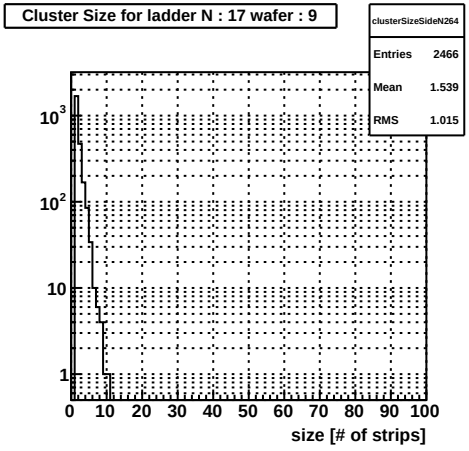

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 1597
Mean 1.695
RMS 1.112
size [# of strips]

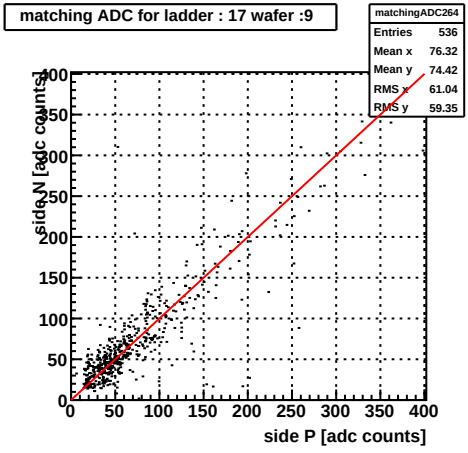

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 551
Mean x 68.94
Mean y 71.13
RMS x 60.48
RMS y 63.09
side N [adc counts]
side P [adc counts]

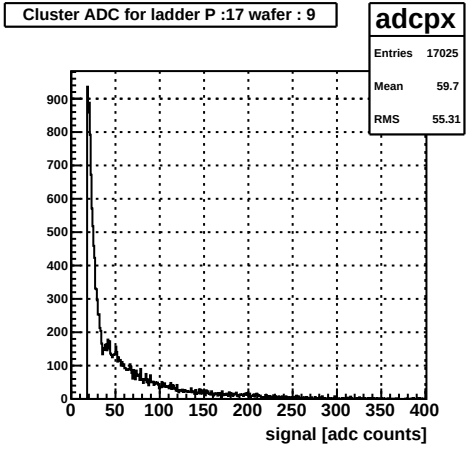

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 13387
Mean 25.41
RMS 20.06
signal [adc counts]

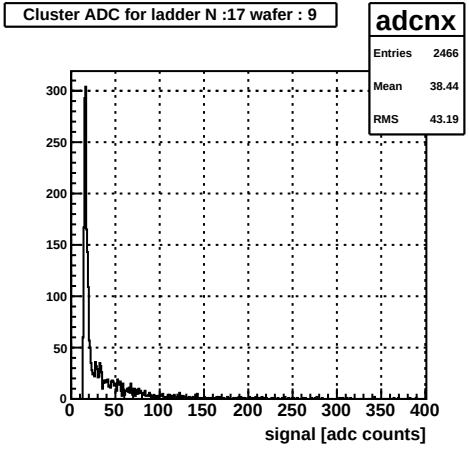

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 1597
Mean 50.46
RMS 53.66
signal [adc counts]

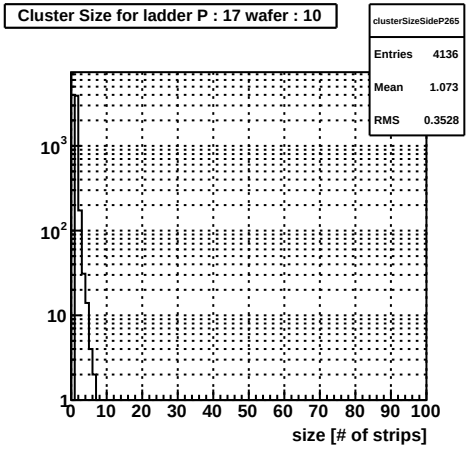

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 17025
Mean 1.683
RMS 1.099
size [# of strips]

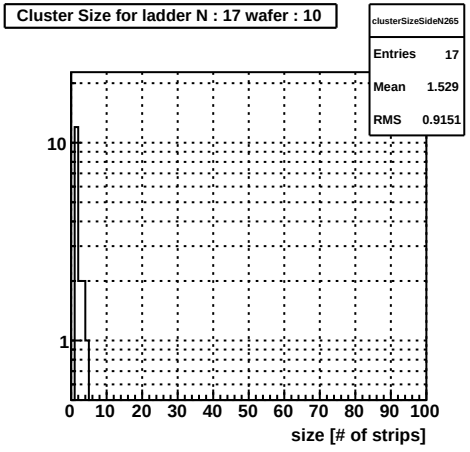

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 2466
Mean 1.539
RMS 1.015
size [# of strips]

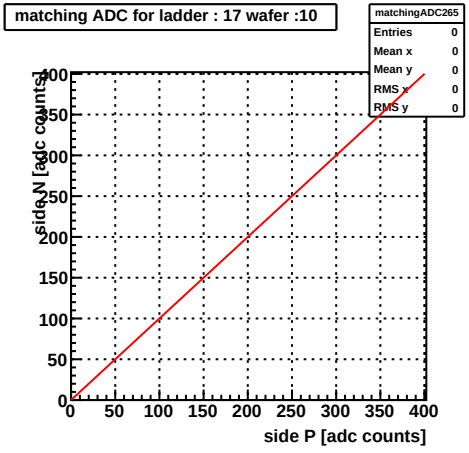

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 536
Mean x 76.32
Mean y 74.42
RMS x 61.04
RMS y 59.35
side N [adc counts]
side P [adc counts]

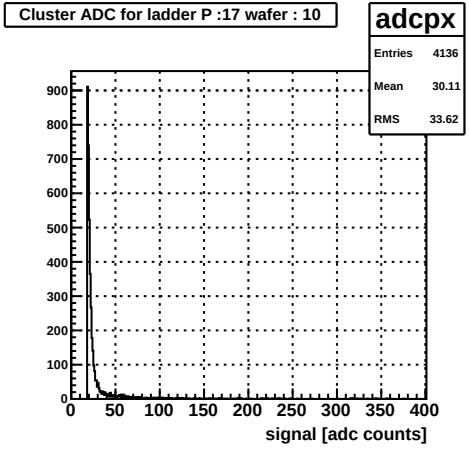

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 17025
Mean 59.7
RMS 55.31
signal [adc counts]

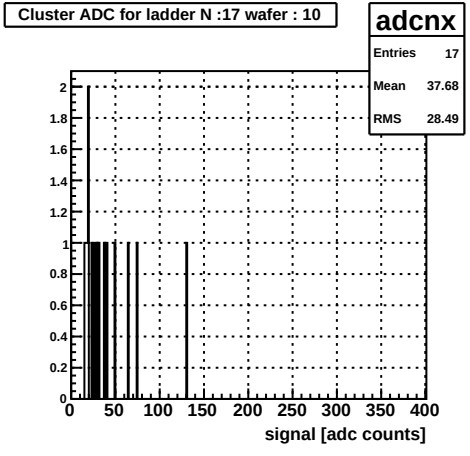

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 2466
Mean 38.44
RMS 43.19
signal [adc counts]

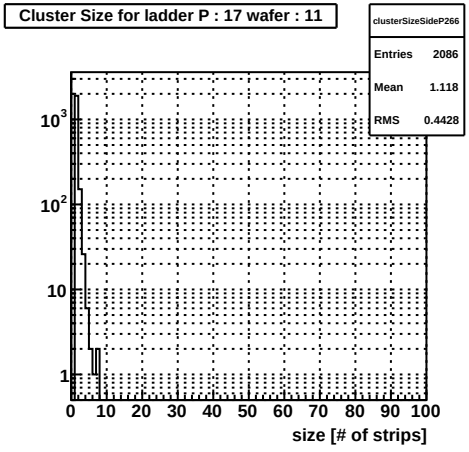

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 4136
Mean 1.073
RMS 0.3528
size [# of strips]

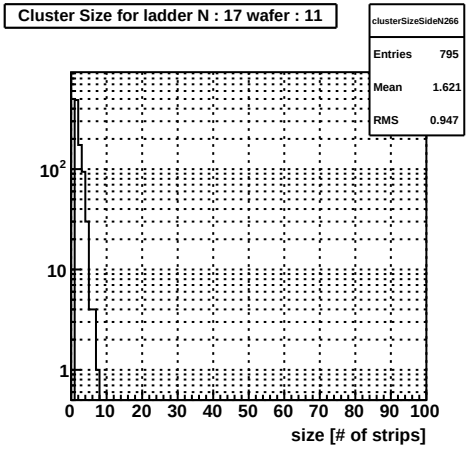

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 17
Mean 1.529
RMS 0.9151
size [# of strips]

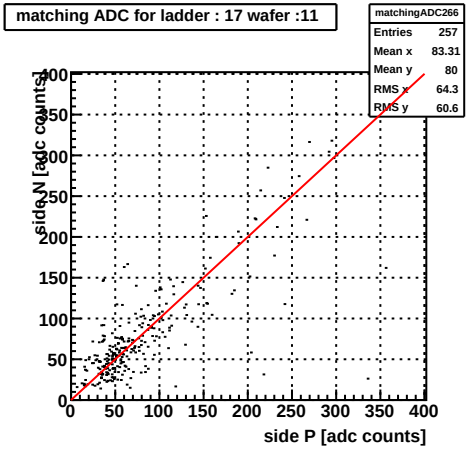

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

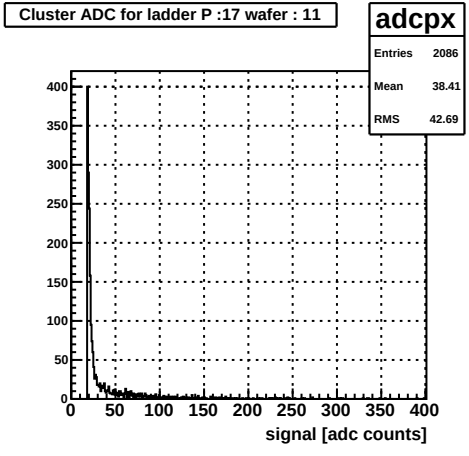

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 4136
Mean 30.11
RMS 33.62
signal [adc counts]

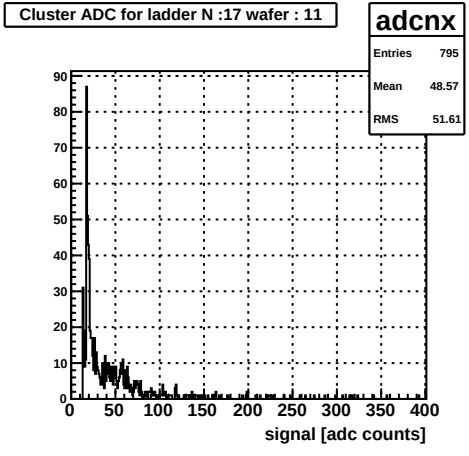

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 17
Mean 37.68
RMS 28.49
signal [adc counts]

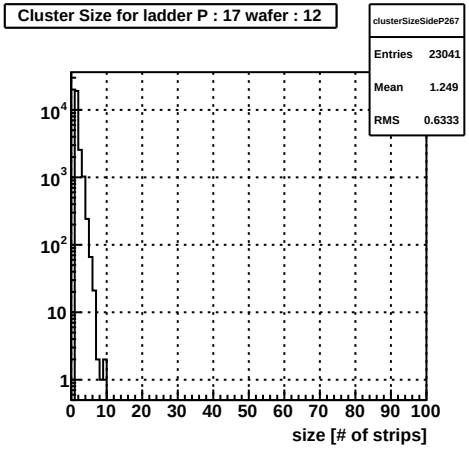

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 2086
Mean 1.118
RMS 0.4428
size [# of strips]

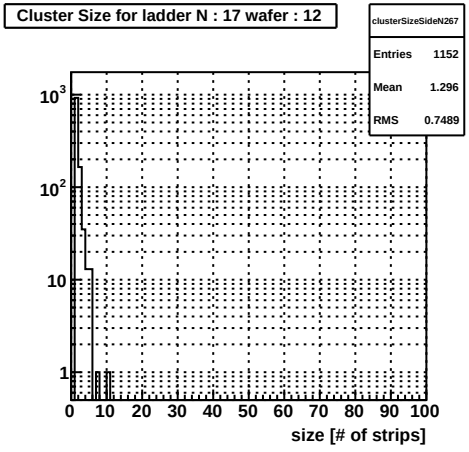

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 795
Mean 1.621
RMS 0.947
size [# of strips]

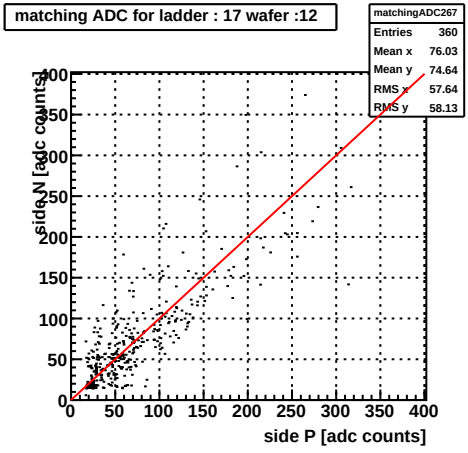

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 257
Mean x 83.31
Mean y 80
RMS x 64.3
RMS y 60.6
side N [adc counts]
side P [adc counts]

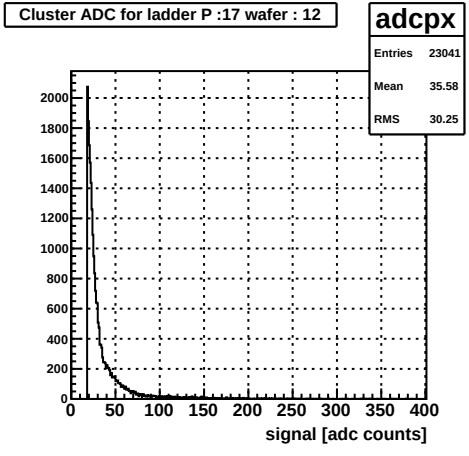

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 2086
Mean 38.41
RMS 42.69
signal [adc counts]

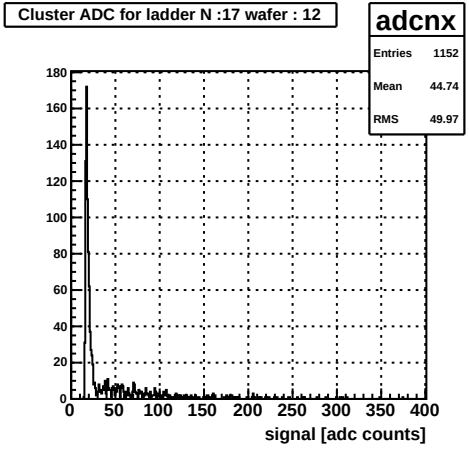

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 795
Mean 48.57
RMS 51.61
signal [adc counts]

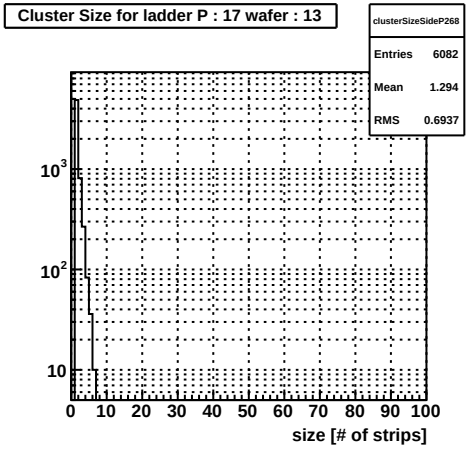

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 23041
Mean 1.249
RMS 0.6333
size [# of strips]

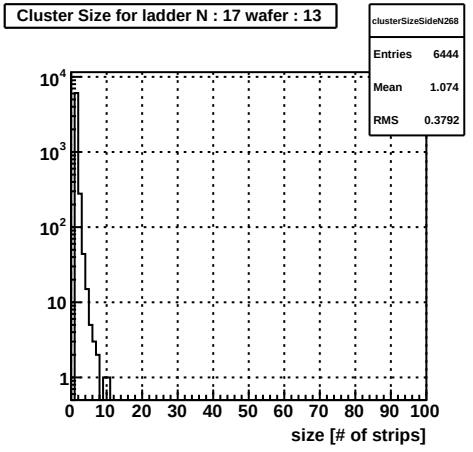

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 1152
Mean 1.296
RMS 0.7489
size [# of strips]

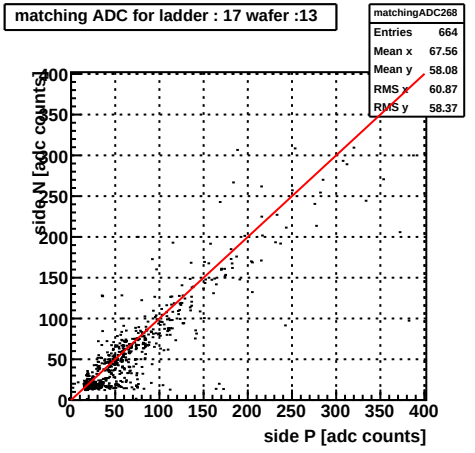

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 360
Mean x 76.03
Mean y 74.64
RMS x 57.64
RMS y 58.13
side N [adc counts]
side P [adc counts]

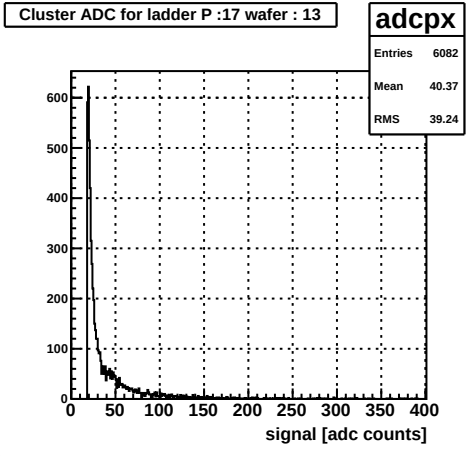

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 23041
Mean 35.58
RMS 30.25
signal [adc counts]

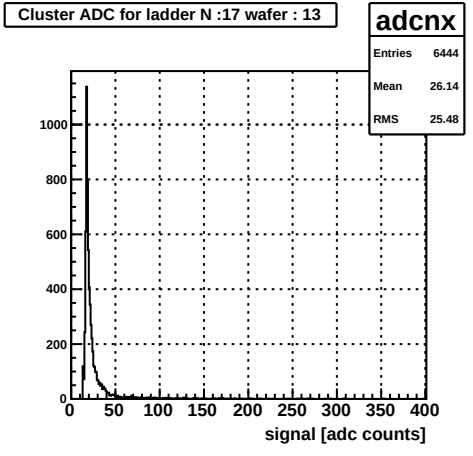

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 1152
Mean 44.74
RMS 49.97
signal [adc counts]

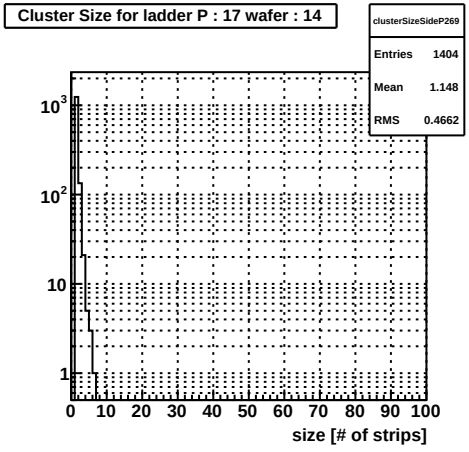

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 6082
Mean 1.294
RMS 0.6937
size [# of strips]

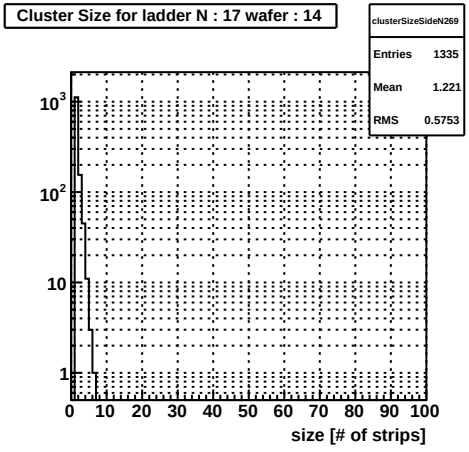

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 6444
Mean 1.074
RMS 0.3792
size [# of strips]

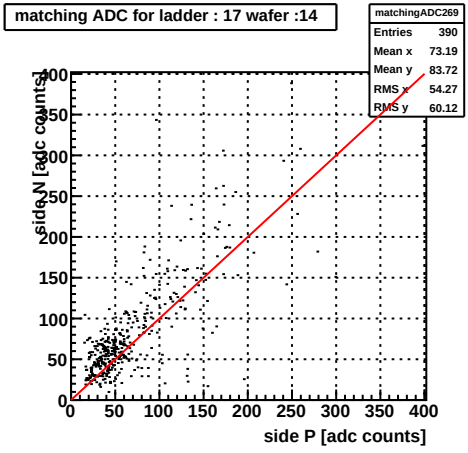

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 664
Mean x 67.56
Mean y 58.08
RMS x 60.87
RMS y 58.37
side N [adc counts]
side P [adc counts]

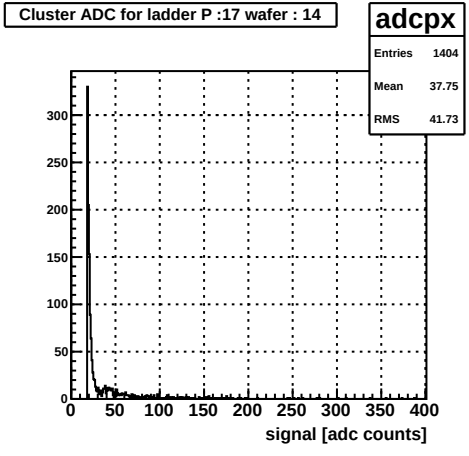

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 6082
Mean 40.37
RMS 39.24
signal [adc counts]

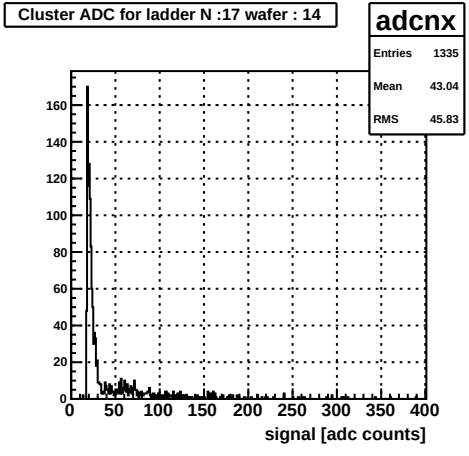

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 6444
Mean 26.14
RMS 25.48
signal [adc counts]

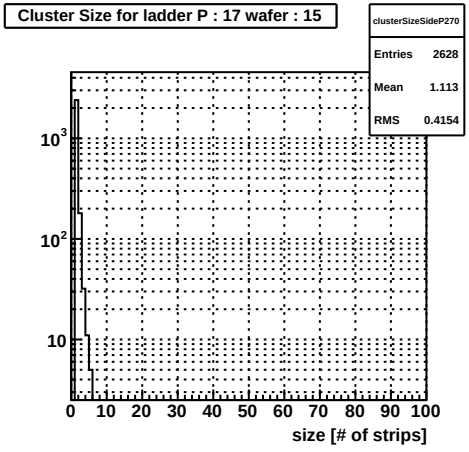

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 1404
Mean 1.148
RMS 0.4662
size [# of strips]

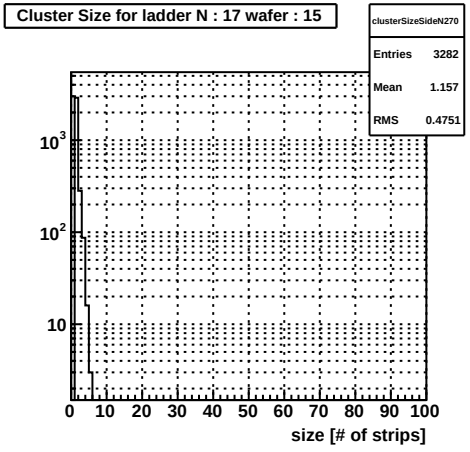

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 1335
Mean 1.221
RMS 0.5753
size [# of strips]

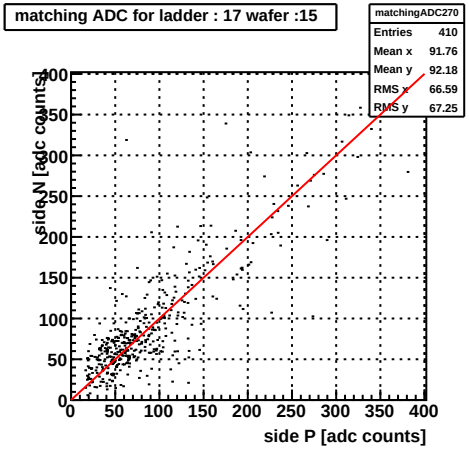

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 390
Mean x 73.19
Mean y 83.72
RMS x 54.27
RMS y 60.12
side N [adc counts]
side P [adc counts]

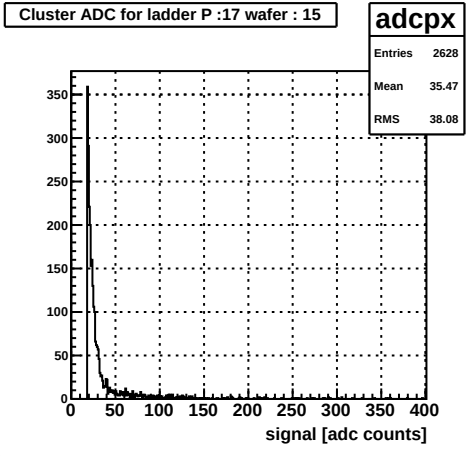

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 1404
Mean 37.75
RMS 41.73
signal [adc counts]

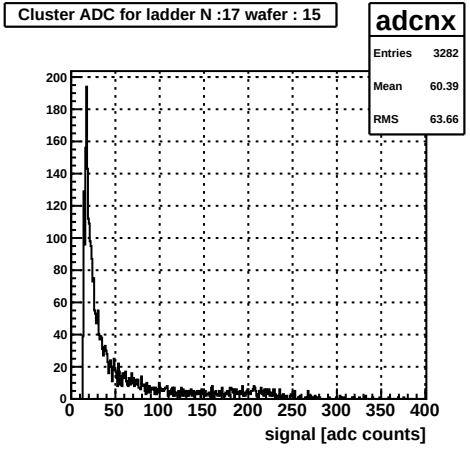

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 1335
Mean 43.04
RMS 45.83
signal [adc counts]

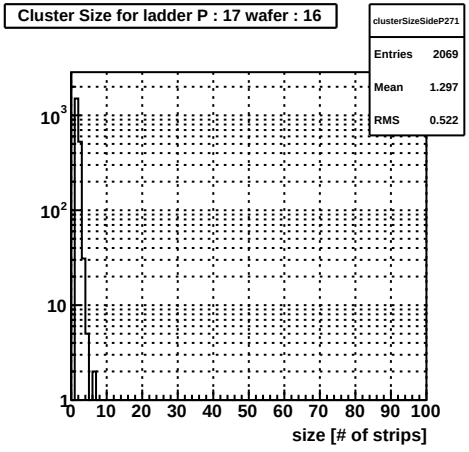

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 2628
Mean 1.113
RMS 0.4154
size [# of strips]

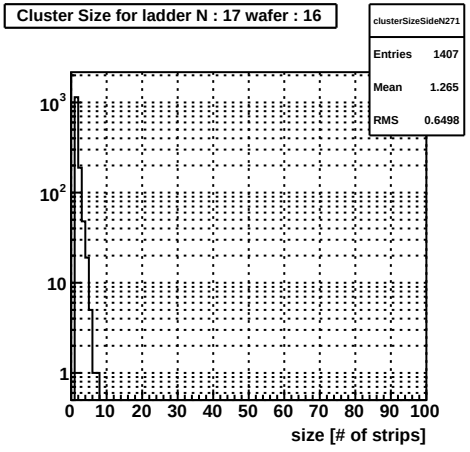

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 3282
Mean 1.157
RMS 0.4751
size [# of strips]

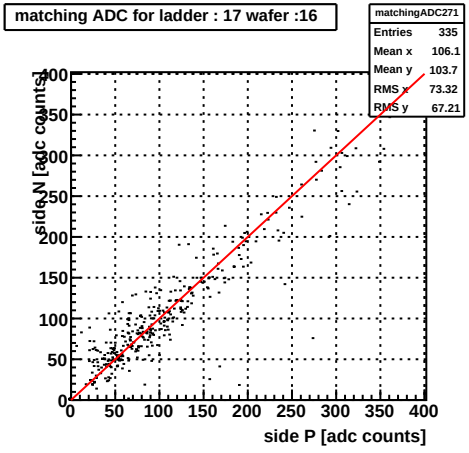

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 410
Mean x 91.76
Mean y 92.18
RMS x 66.59
RMS y 67.25
side N [adc counts]
side P [adc counts]

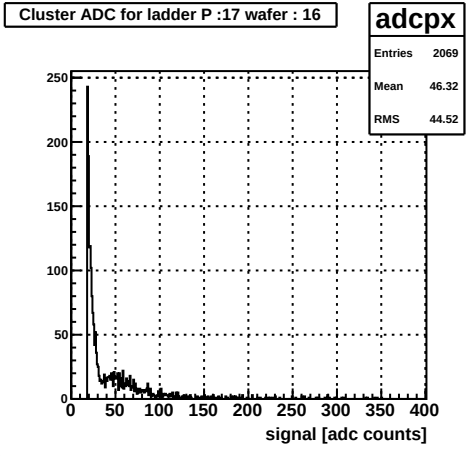

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 2628
Mean 35.47
RMS 38.08
signal [adc counts]

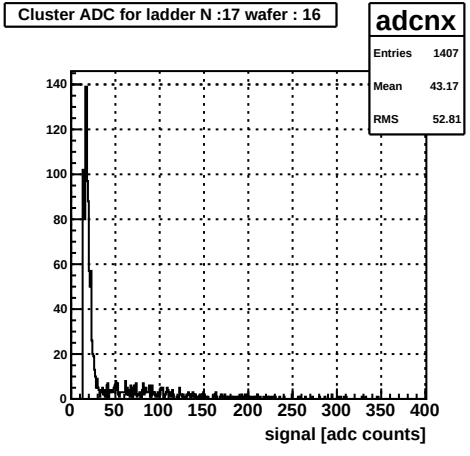

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 3282
Mean 60.39
RMS 63.66
signal [adc counts]

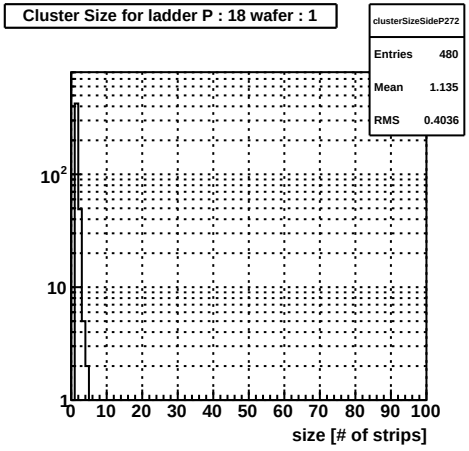

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 2069
Mean 1.297
RMS 0.522
size [# of strips]

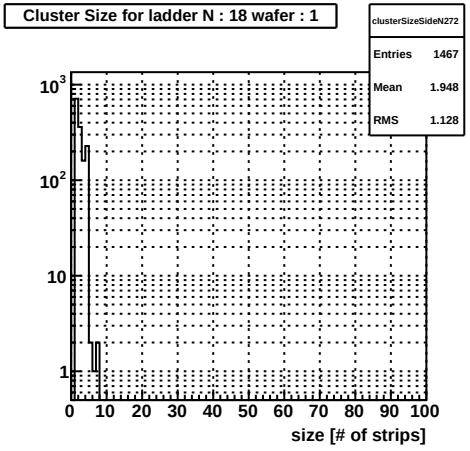

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 1407
Mean 1.265
RMS 0.6498
size [# of strips]

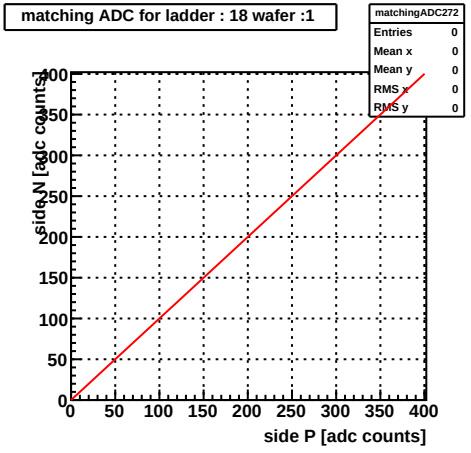

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 335
Mean x 106.1
Mean y 103.7
RMS x 73.32
RMS y 67.21
side N [adc counts]
side P [adc counts]

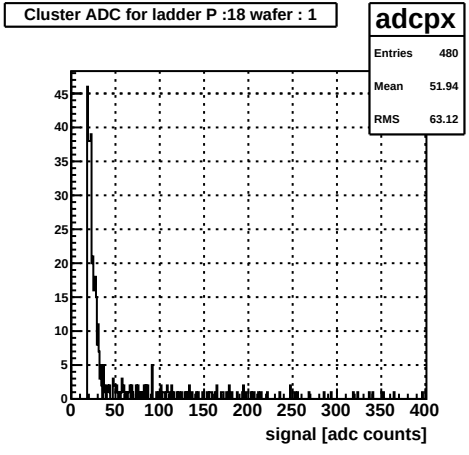

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 2069
Mean 46.32
RMS 44.52
signal [adc counts]

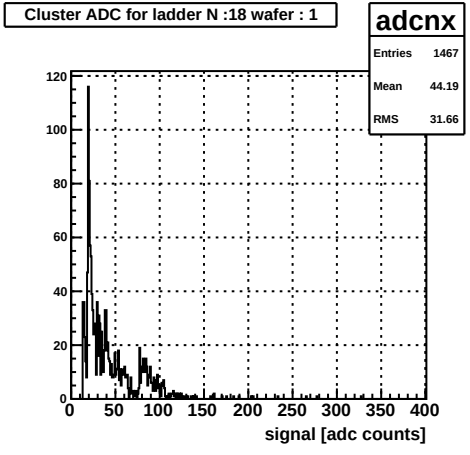

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 1407
Mean 43.17
RMS 52.81
signal [adc counts]

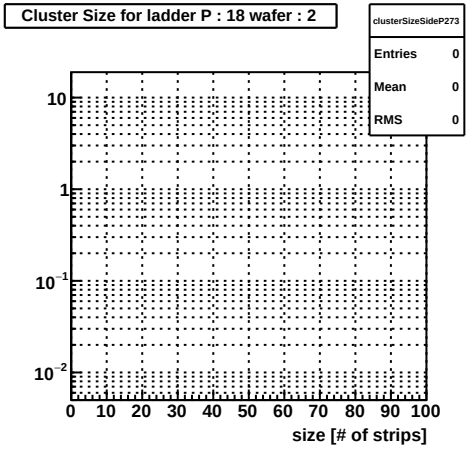

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 480
Mean 1.135
RMS 0.4036
size [# of strips]

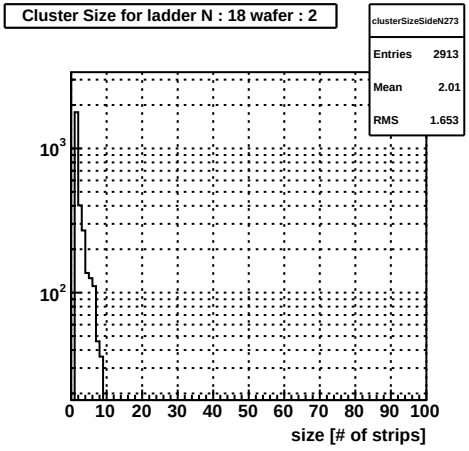

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1467
Mean 1.948
RMS 1.128
size [# of strips]

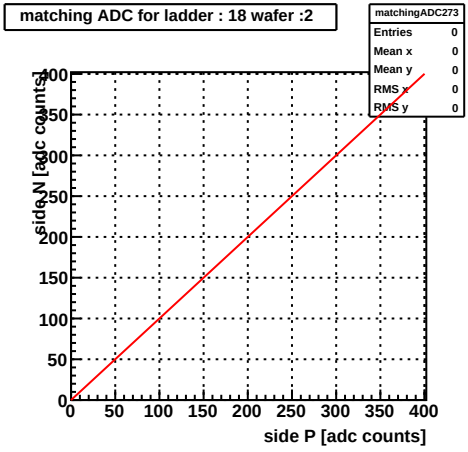

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

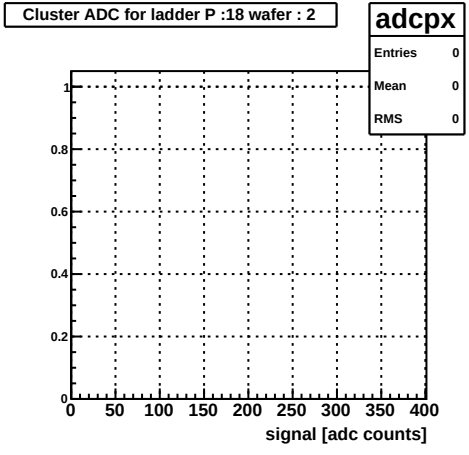

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 480
Mean 51.94
RMS 63.12
signal [adc counts]

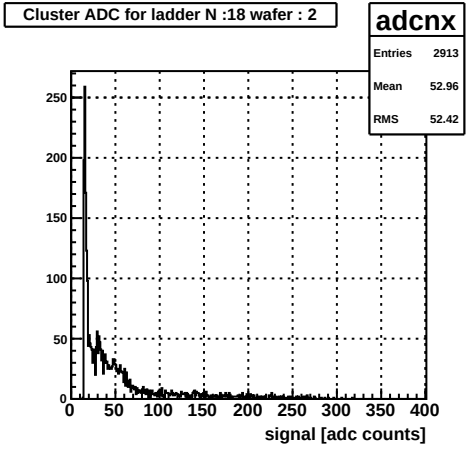

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1467
Mean 44.19
RMS 31.66
signal [adc counts]

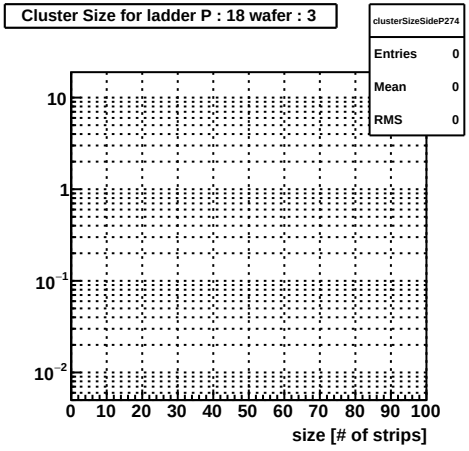

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

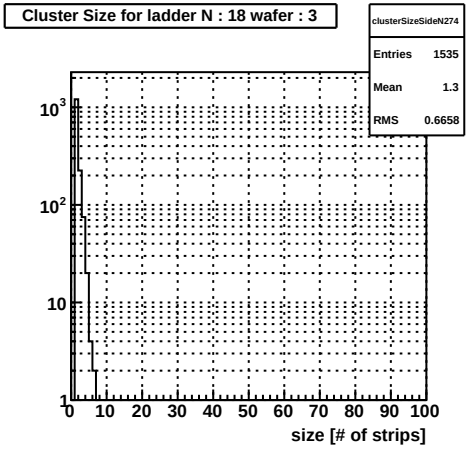

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 2913
Mean 2.01
RMS 1.653
size [# of strips]

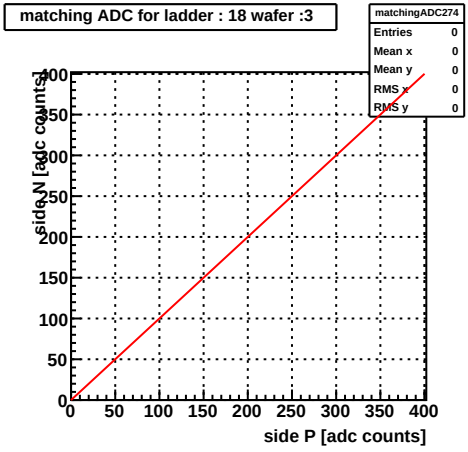

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

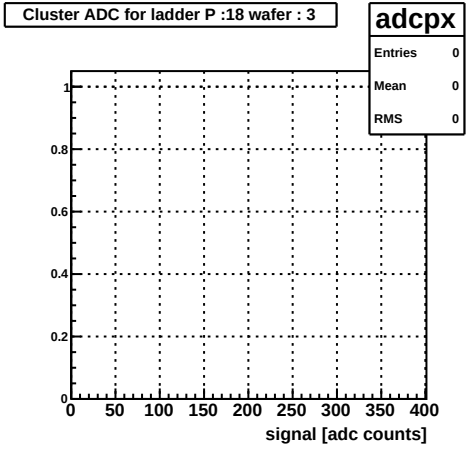

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

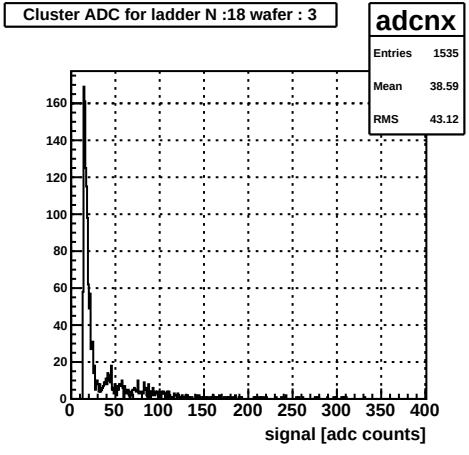

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 2913
Mean 52.96
RMS 52.42
signal [adc counts]

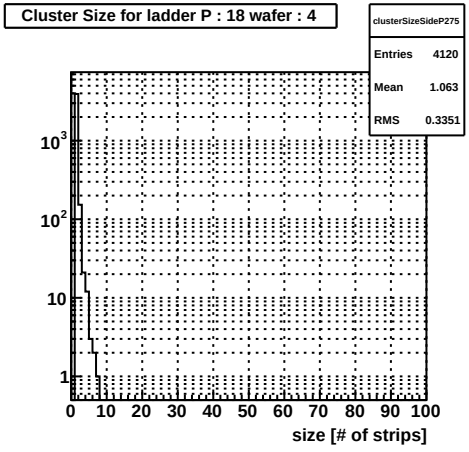

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

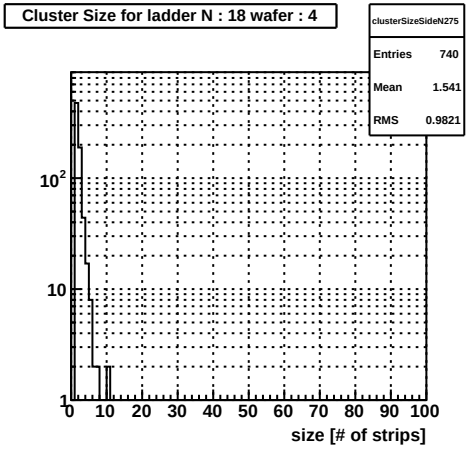

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 1535
Mean 1.3
RMS 0.6658
size [# of strips]

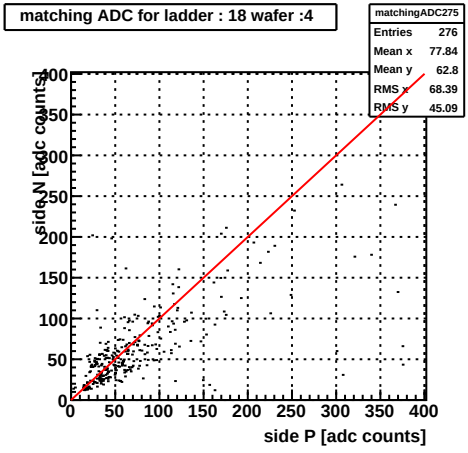

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

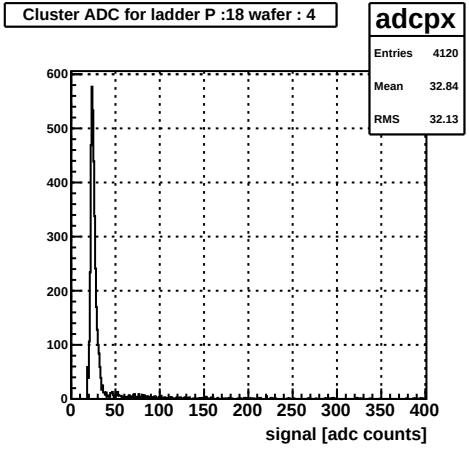

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

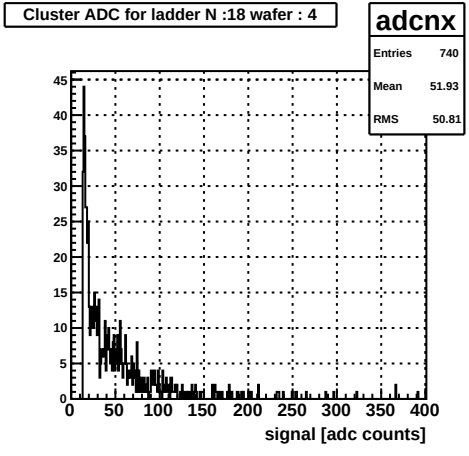

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 1535
Mean 38.59
RMS 43.12
signal [adc counts]

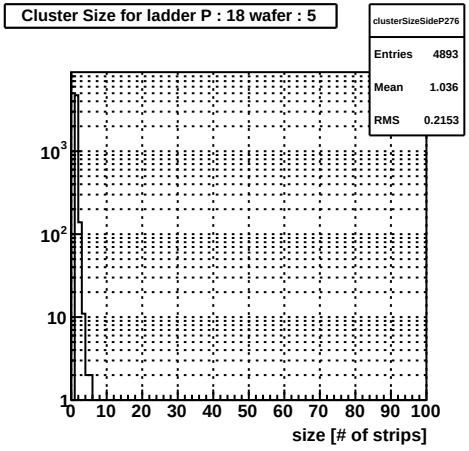

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 4120
Mean 1.063
RMS 0.3351
size [# of strips]

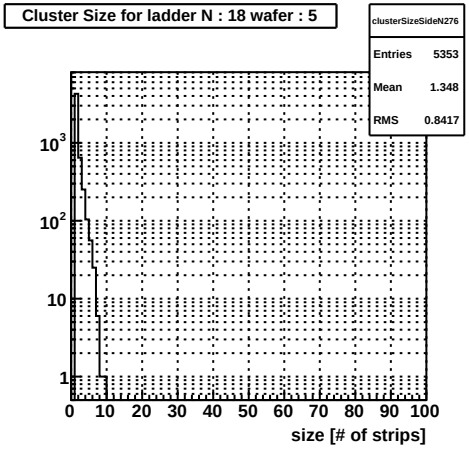

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 740
Mean 1.541
RMS 0.9821
size [# of strips]

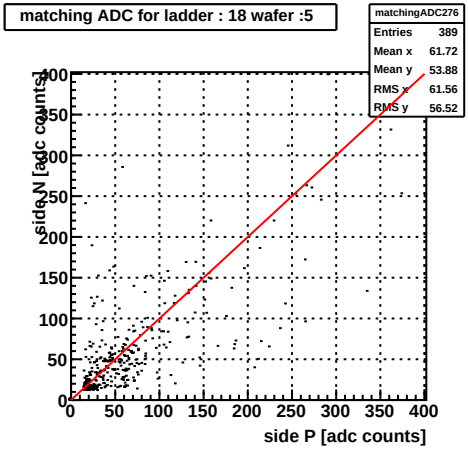

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 276
Mean x 77.84
Mean y 62.8
RMS x 68.39
RMS y 45.09
side N [adc counts]
side P [adc counts]

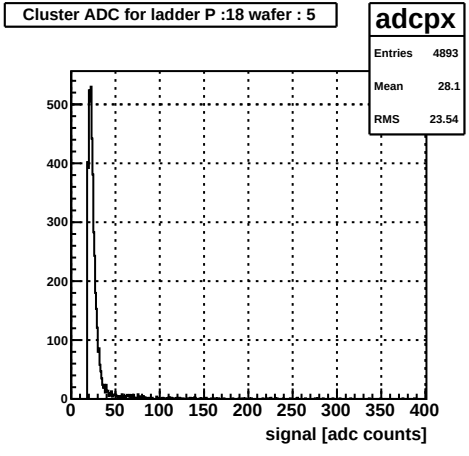

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 4120
Mean 32.84
RMS 32.13
signal [adc counts]

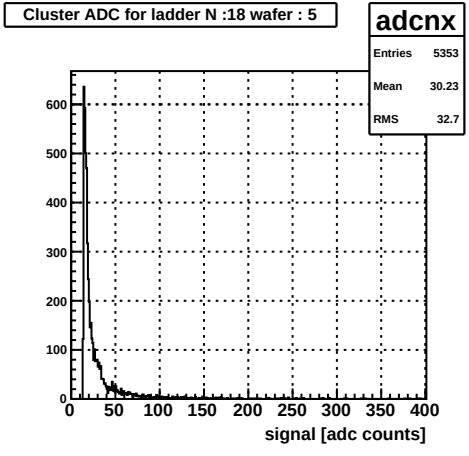

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 740
Mean 51.93
RMS 50.81
signal [adc counts]

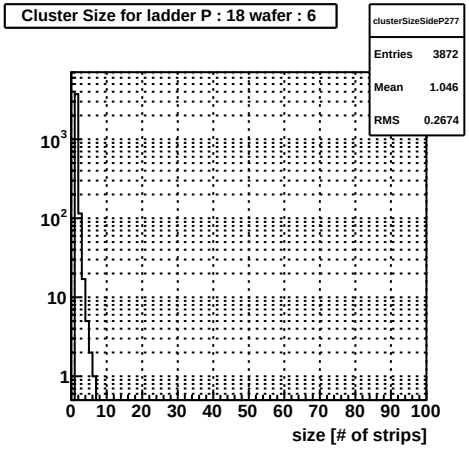

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 4893
Mean 1.036
RMS 0.2153
size [# of strips]

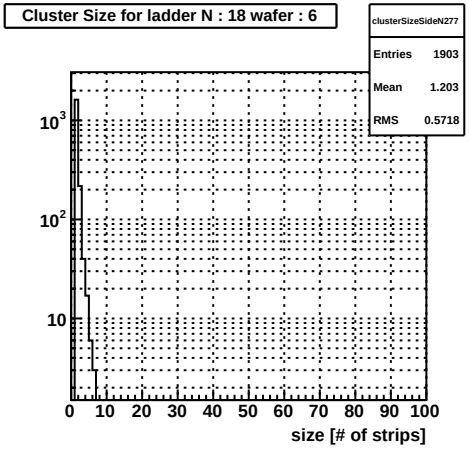

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 5353
Mean 1.348
RMS 0.8417
size [# of strips]

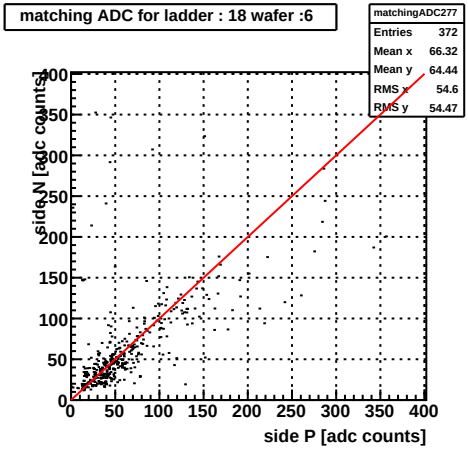

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 389
Mean x 61.72
Mean y 53.88
RMS x 61.56
RMS y 56.52
side N [adc counts]
side P [adc counts]

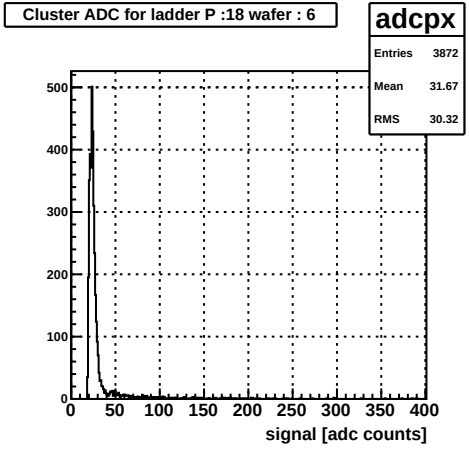

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 4893
Mean 28.1
RMS 23.54
signal [adc counts]

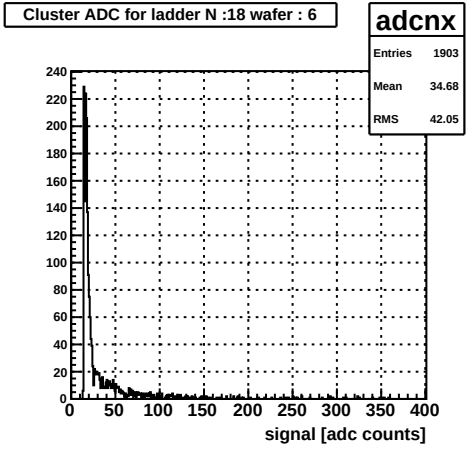

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 5353
Mean 30.23
RMS 32.7
signal [adc counts]

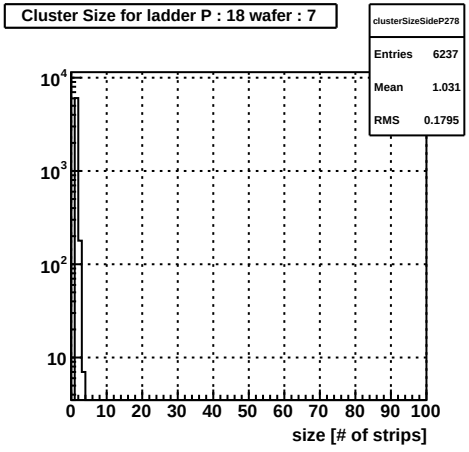

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 3872
Mean 1.046
RMS 0.2674
size [# of strips]

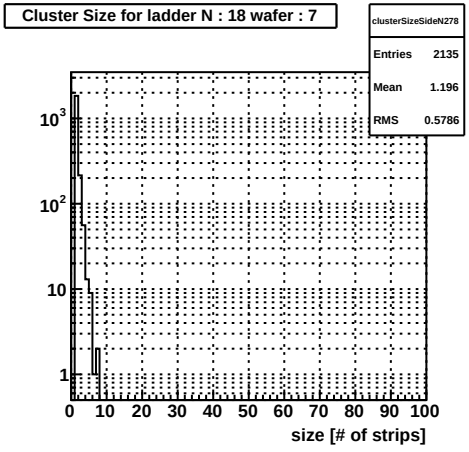

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 1903
Mean 1.203
RMS 0.5718
size [# of strips]

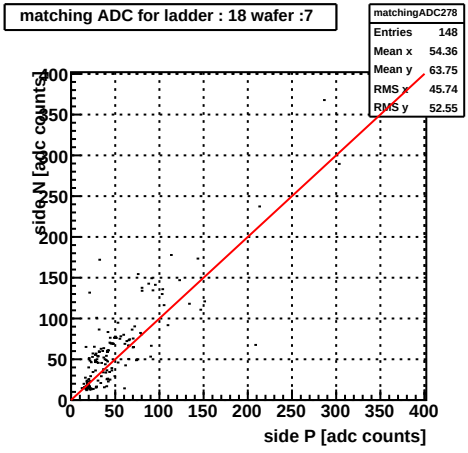

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 372
Mean x 66.32
Mean y 64.44
RMS x 54.6
RMS y 54.47
side N [adc counts]
side P [adc counts]

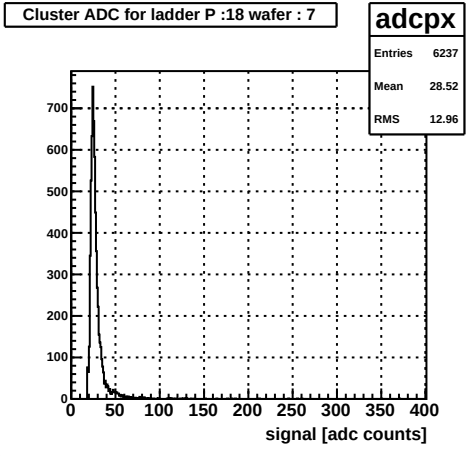

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 3872
Mean 31.67
RMS 30.32
signal [adc counts]

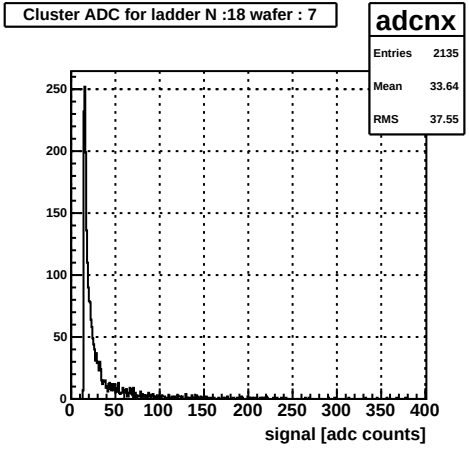

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 1903
Mean 34.68
RMS 42.05
signal [adc counts]

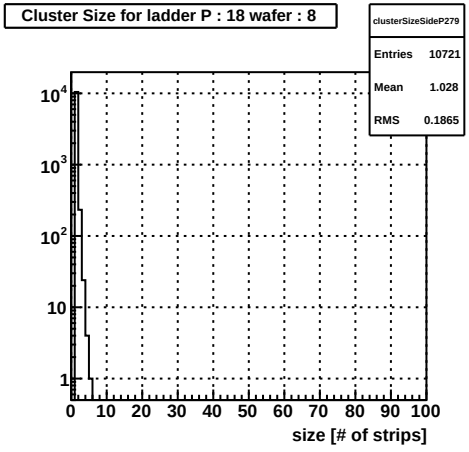

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 6237
Mean 1.031
RMS 0.1795
size [# of strips]

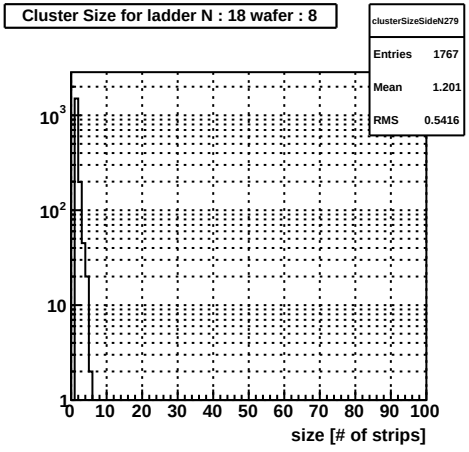

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 2135
Mean 1.196
RMS 0.5786
size [# of strips]

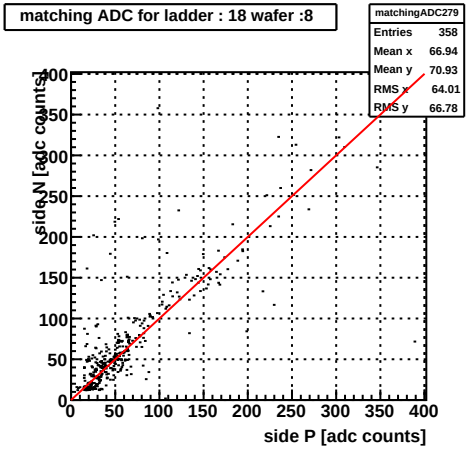

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 148
Mean x 54.36
Mean y 63.75
RMS x 45.74
RMS y 52.55
side N [adc counts]
side P [adc counts]

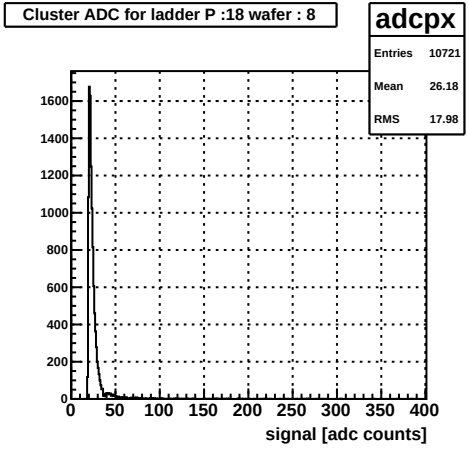

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 6237
Mean 28.52
RMS 12.96
signal [adc counts]

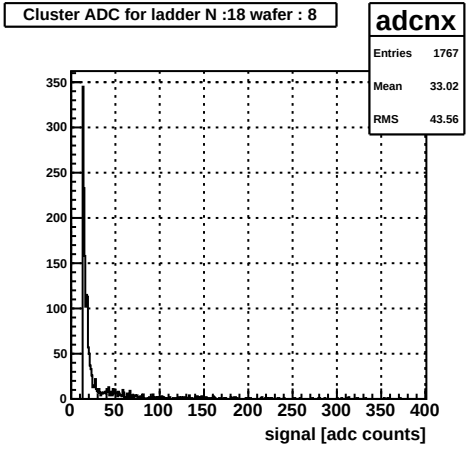

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 2135
Mean 33.64
RMS 37.55
signal [adc counts]

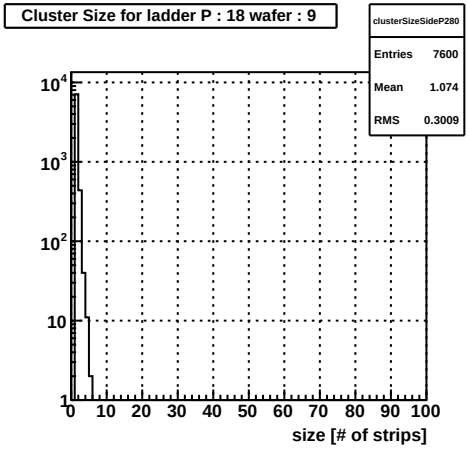

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 10721
Mean 1.028
RMS 0.1865
size [# of strips]

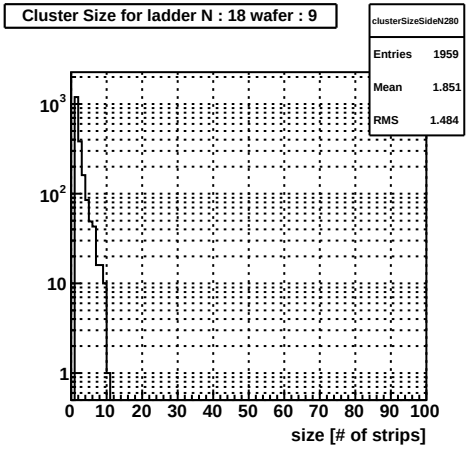

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 1767
Mean 1.201
RMS 0.5416
size [# of strips]

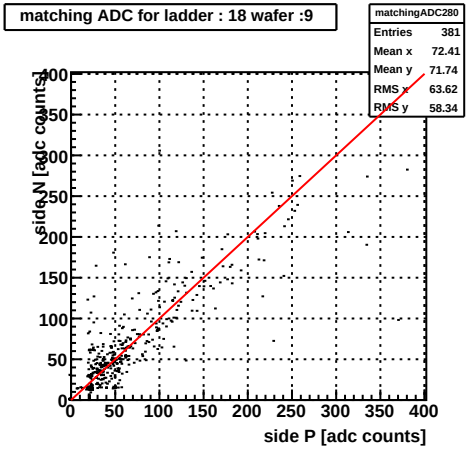

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 358
Mean x 66.94
Mean y 70.93
RMS x 64.01
RMS y 66.78
side N [adc counts]
side P [adc counts]

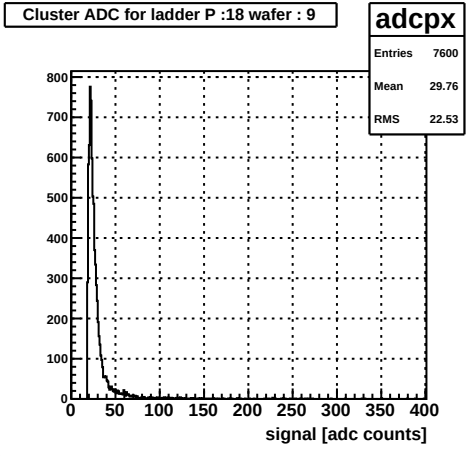

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 10721
Mean 26.18
RMS 17.98
signal [adc counts]

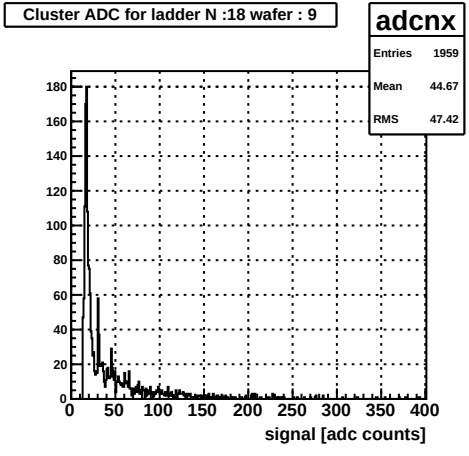

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 1767
Mean 33.02
RMS 43.56
signal [adc counts]

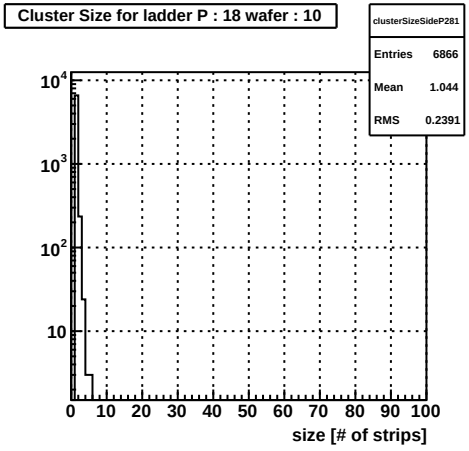

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 7600
Mean 1.074
RMS 0.3009
size [# of strips]

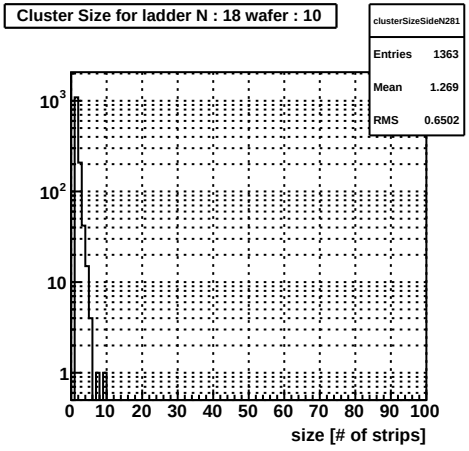

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 1959
Mean 1.851
RMS 1.484
size [# of strips]

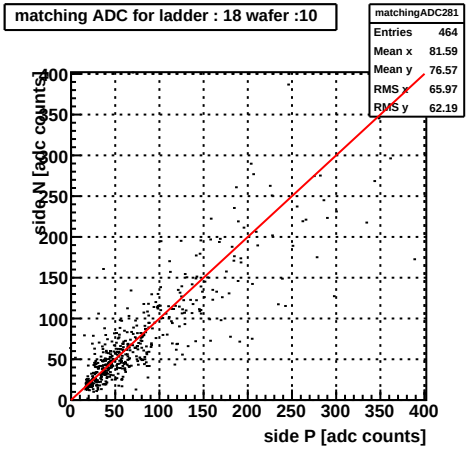

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 381
Mean x 72.41
Mean y 71.74
RMS x 63.62
RMS y 58.34
side N [adc counts]
side P [adc counts]

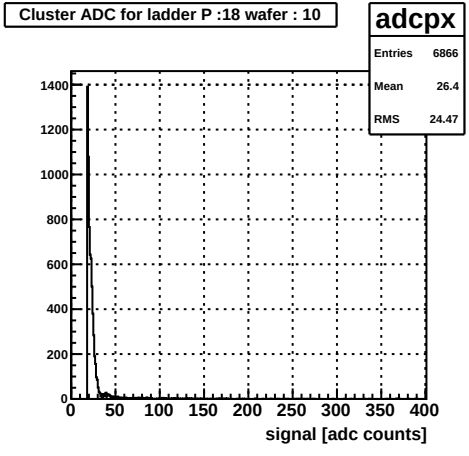

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 7600
Mean 29.76
RMS 22.53
signal [adc counts]

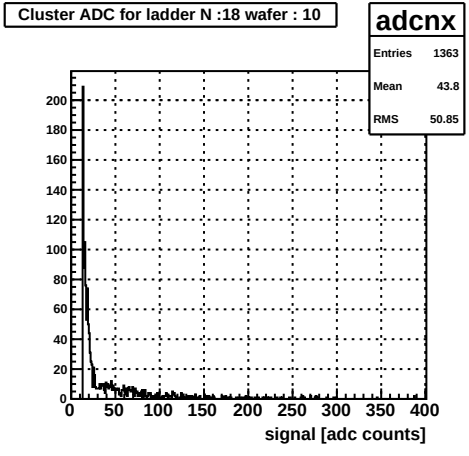

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 1959
Mean 44.67
RMS 47.42
signal [adc counts]

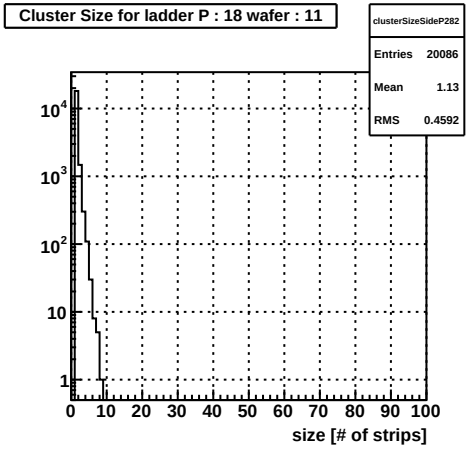

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 6866
Mean 1.044
RMS 0.2391
size [# of strips]

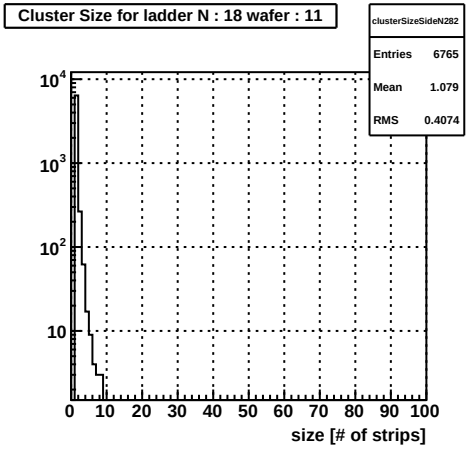

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 1363
Mean 1.269
RMS 0.6502
size [# of strips]

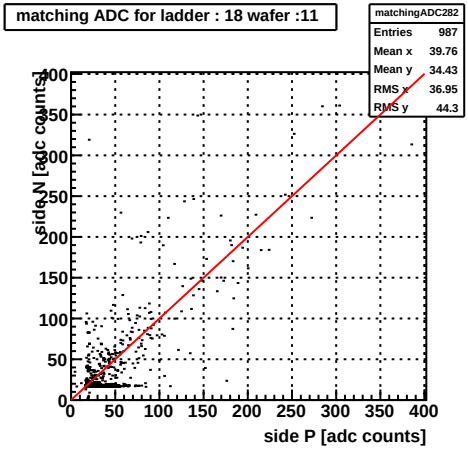

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 464
Mean x 81.59
Mean y 76.57
RMS x 65.97
RMS y 62.19
side N [adc counts]
side P [adc counts]

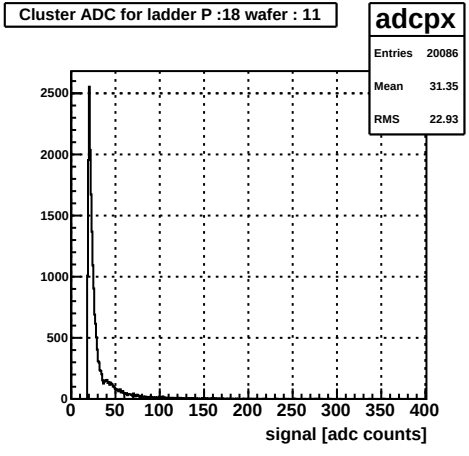

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 6866
Mean 26.4
RMS 24.47
signal [adc counts]

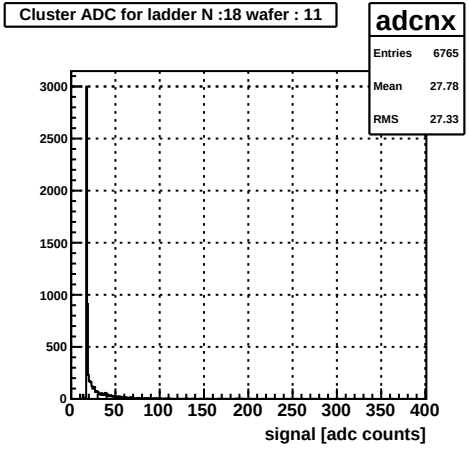

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 1363
Mean 43.8
RMS 50.85
signal [adc counts]

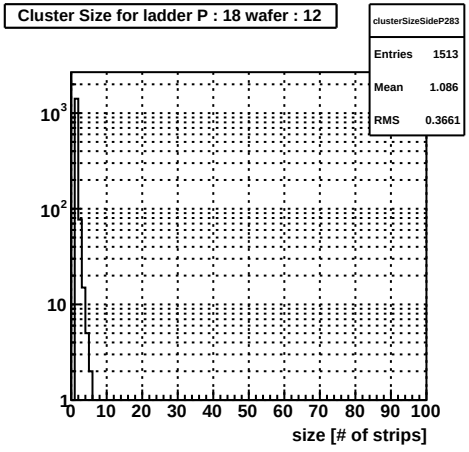

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 20086
Mean 1.13
RMS 0.4592
size [# of strips]

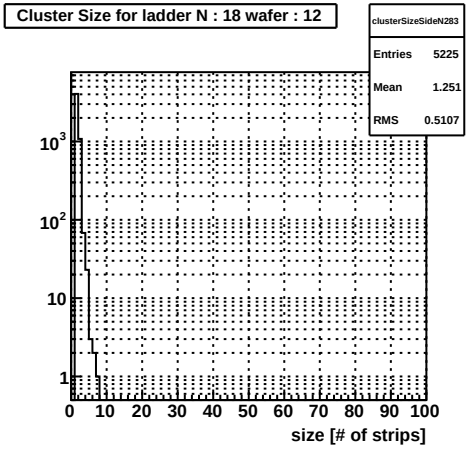

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 6765
Mean 1.079
RMS 0.4074
size [# of strips]

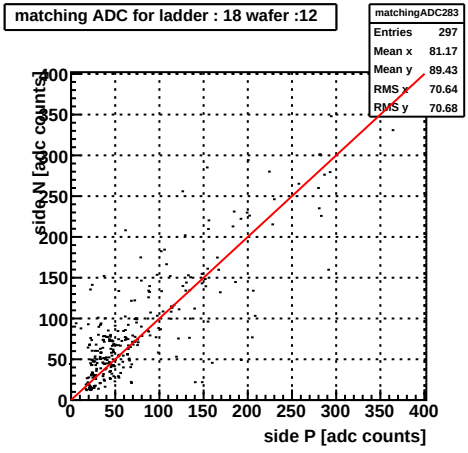

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 987
Mean x 39.76
Mean y 34.43
RMS x 36.95
RMS y 44.3
side N [adc counts]
side P [adc counts]

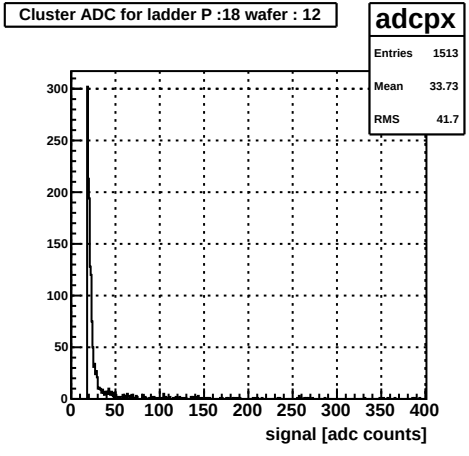

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 20086
Mean 31.35
RMS 22.93
signal [adc counts]

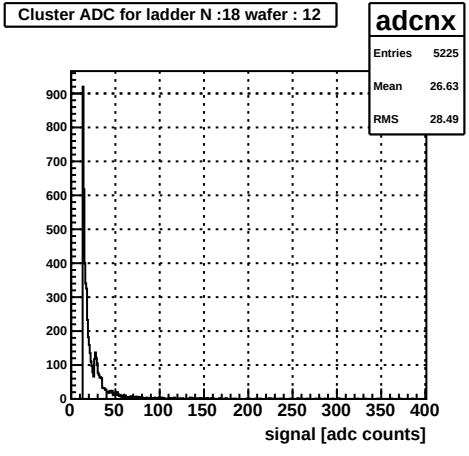

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 6765
Mean 27.78
RMS 27.33
signal [adc counts]

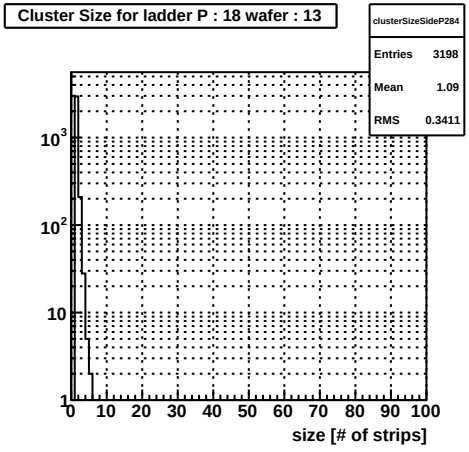

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 1513
Mean 1.086
RMS 0.3661
size [# of strips]

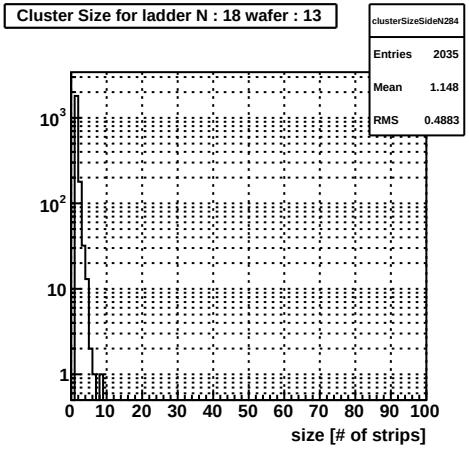

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 5225
Mean 1.251
RMS 0.5107
size [# of strips]

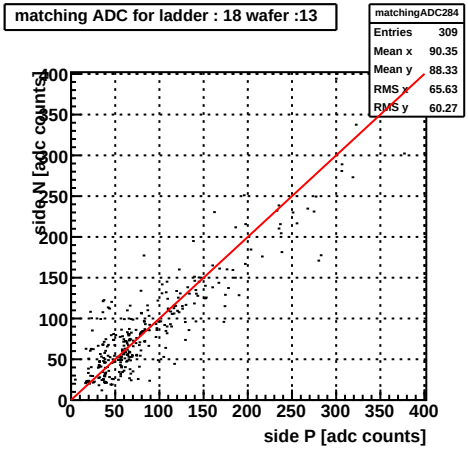

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 297
Mean x 81.17
Mean y 89.43
RMS x 70.64
RMS y 70.68
side N [adc counts]
side P [adc counts]

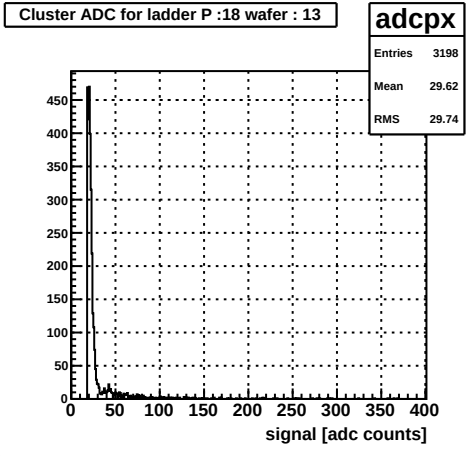

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 1513
Mean 33.73
RMS 41.7
signal [adc counts]

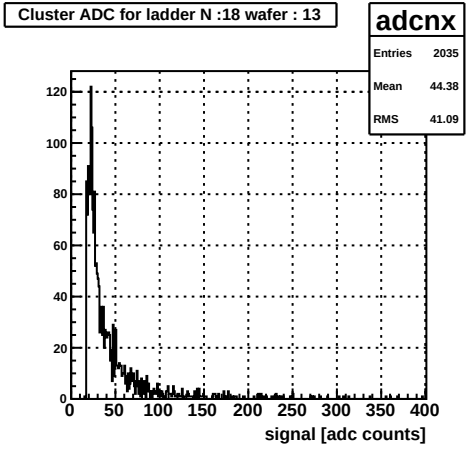

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 5225
Mean 26.63
RMS 28.49
signal [adc counts]

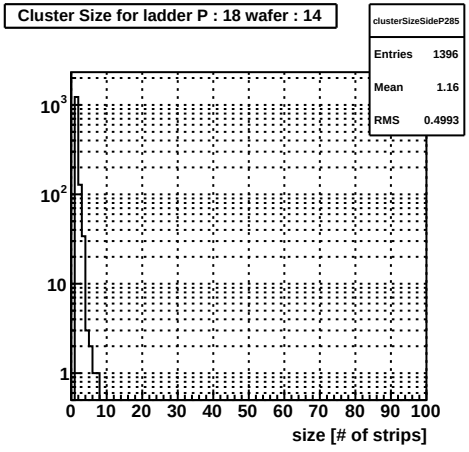

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 3198
Mean 1.09
RMS 0.3411
size [# of strips]

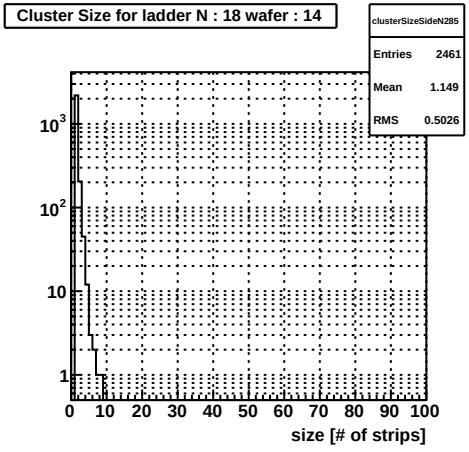

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 2035
Mean 1.148
RMS 0.4883
size [# of strips]

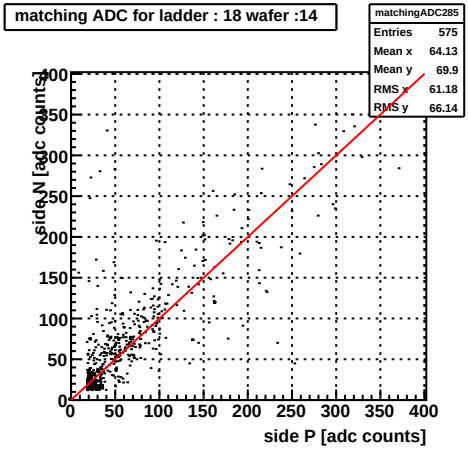

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 309
Mean x 90.35
Mean y 88.33
RMS x 65.63
RMS y 60.27
side N [adc counts]
side P [adc counts]

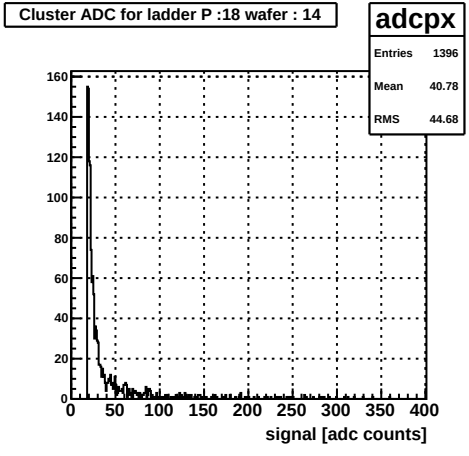

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 3198
Mean 29.62
RMS 29.74
signal [adc counts]

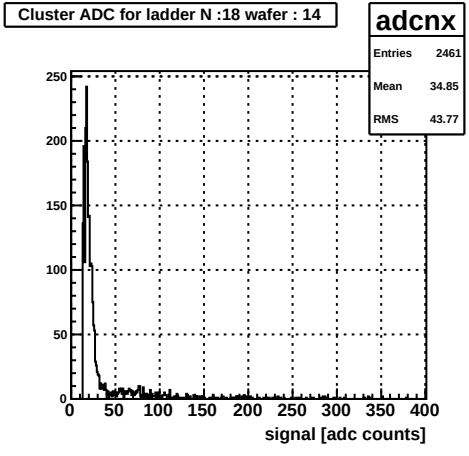

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 2035
Mean 44.38
RMS 41.09
signal [adc counts]

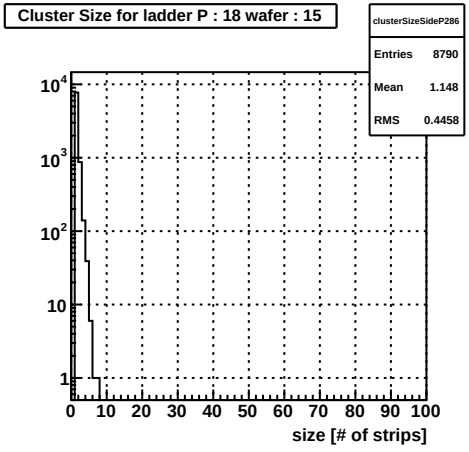

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 1396
Mean 1.16
RMS 0.4993
size [# of strips]

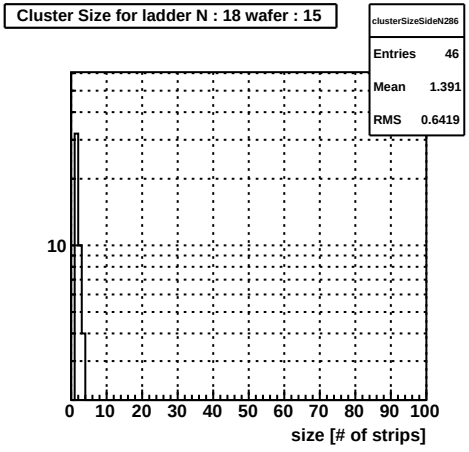

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 2461
Mean 1.149
RMS 0.5026
size [# of strips]

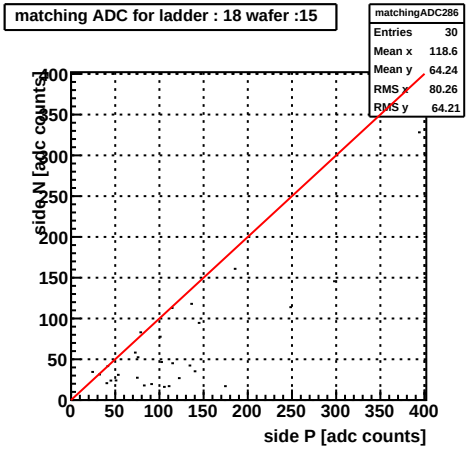

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 575
Mean x 64.13
Mean y 69.9
RMS x 61.18
RMS y 66.14
side N [adc counts]
side P [adc counts]

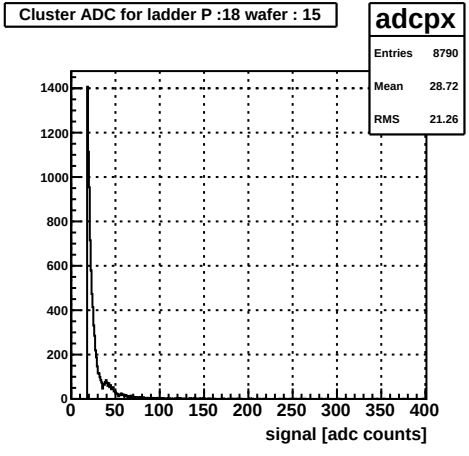

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 1396
Mean 40.78
RMS 44.68
signal [adc counts]

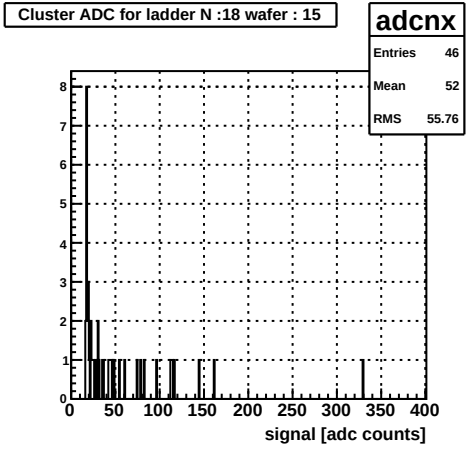

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 2461
Mean 34.85
RMS 43.77
signal [adc counts]

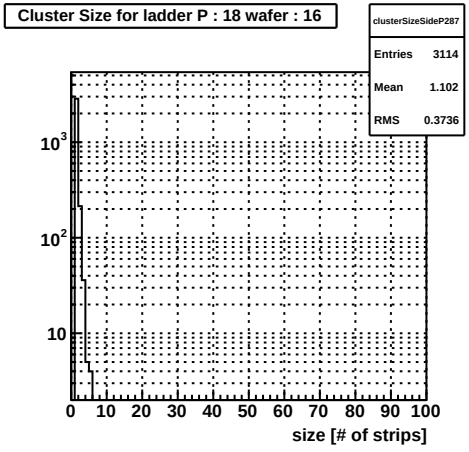

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 8790
Mean 1.148
RMS 0.4458
size [# of strips]

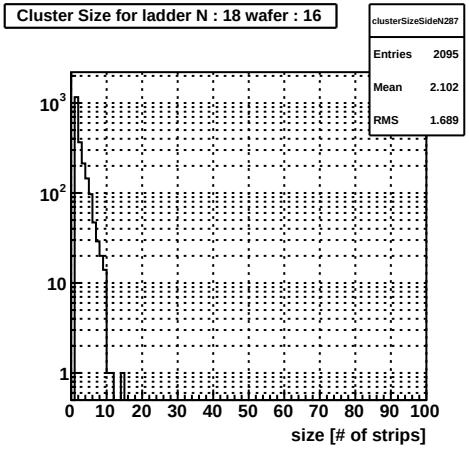

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 46
Mean 1.391
RMS 0.6419
size [# of strips]

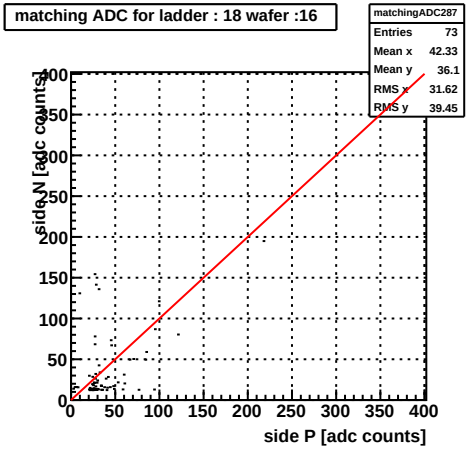

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 30
Mean x 118.6
Mean y 64.24
RMS x 80.26
RMS y 64.21
side N [adc counts]
side P [adc counts]

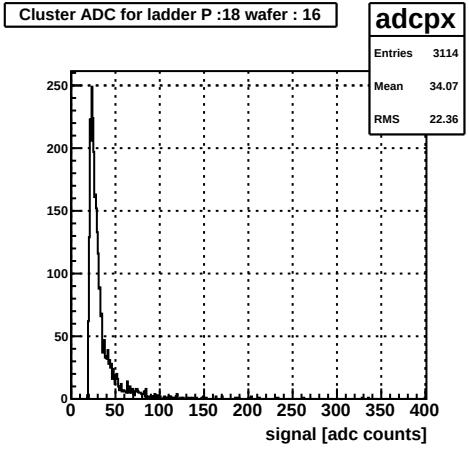

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 8790
Mean 28.72
RMS 21.26
signal [adc counts]

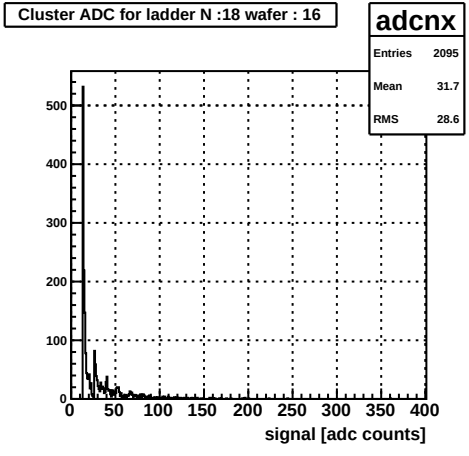

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 46
Mean 52
RMS 55.76
signal [adc counts]

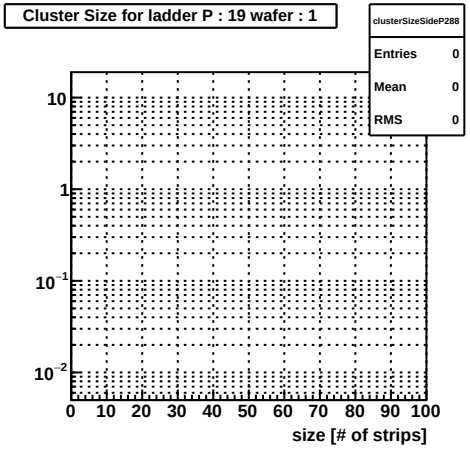

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3114
Mean 1.102
RMS 0.3736
size [# of strips]

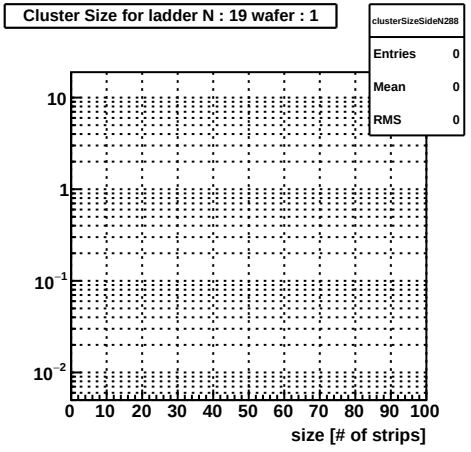

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2095
Mean 2.102
RMS 1.689
size [# of strips]

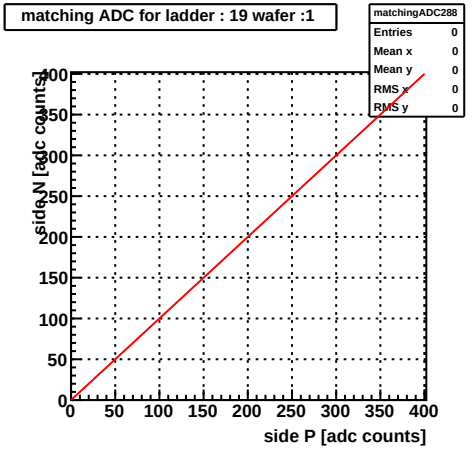

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 73
Mean x 42.33
Mean y 36.1
RMS x 31.62
RMS y 39.45
side N [adc counts]
side P [adc counts]

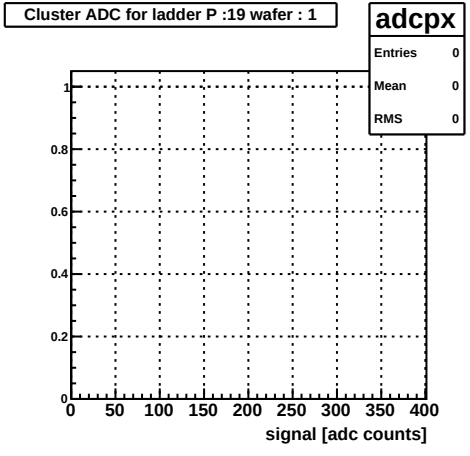

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3114
Mean 34.07
RMS 22.36
signal [adc counts]

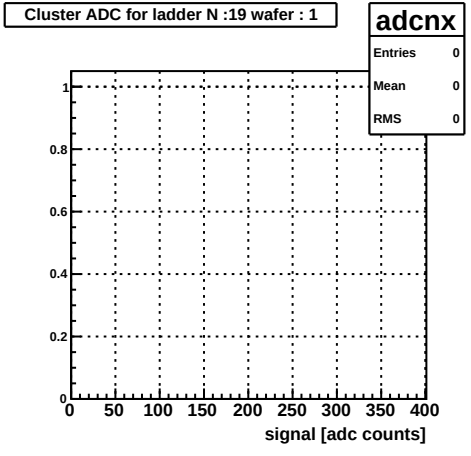

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2095
Mean 31.7
RMS 28.6
signal [adc counts]

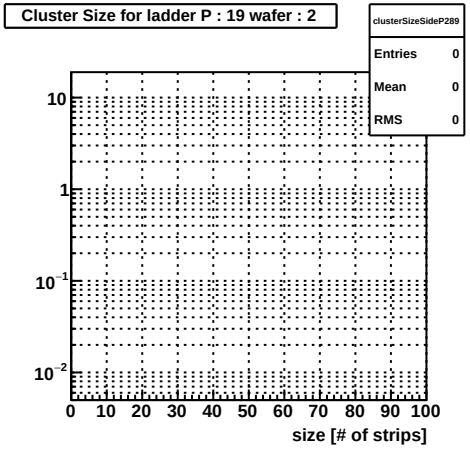

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

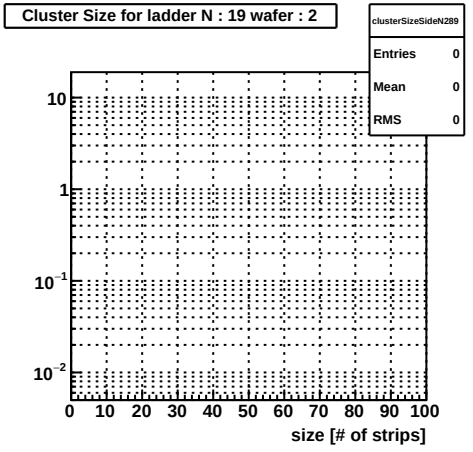

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

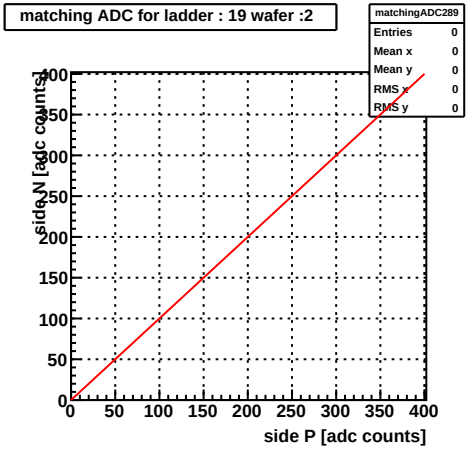

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

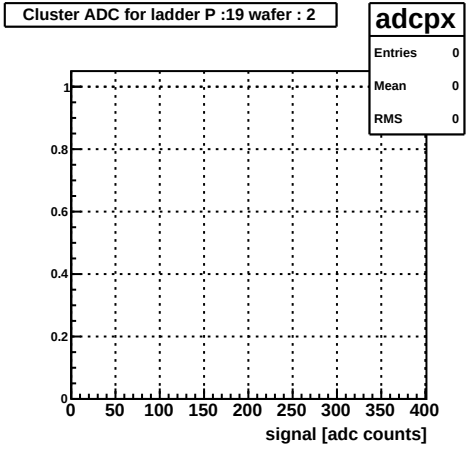

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

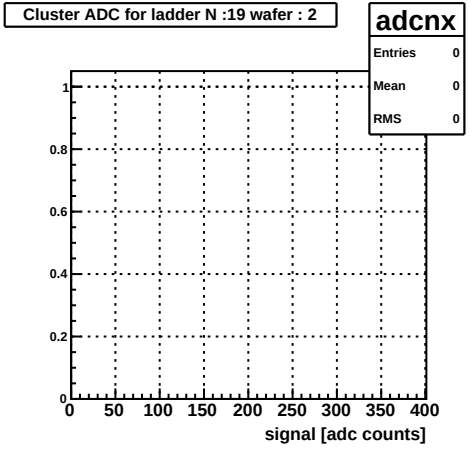

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

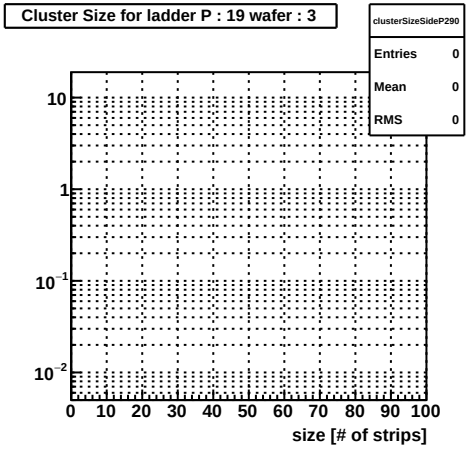

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

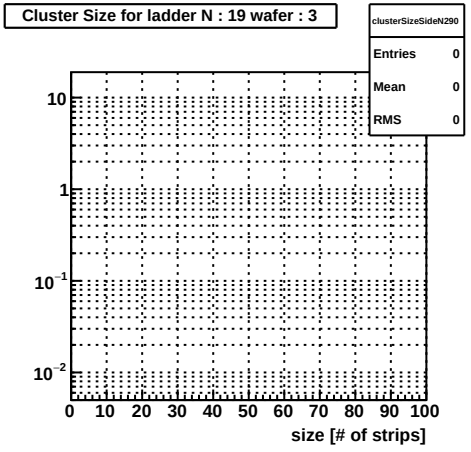

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

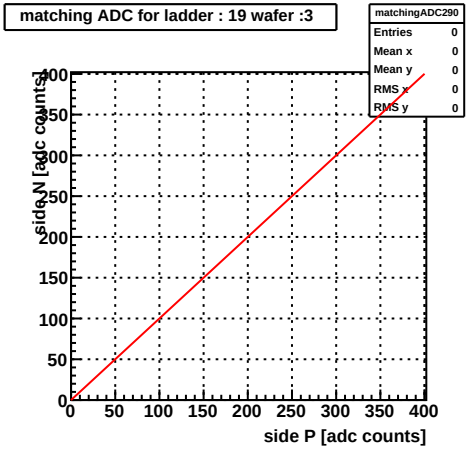

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

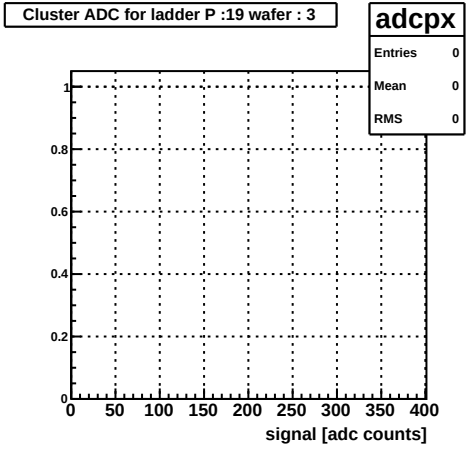

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

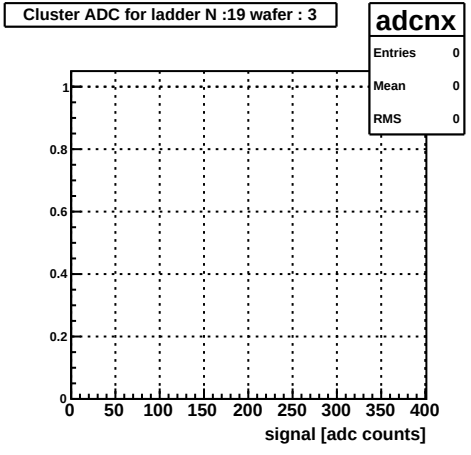

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

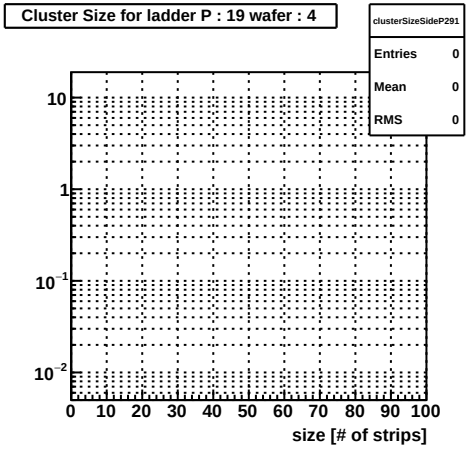

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

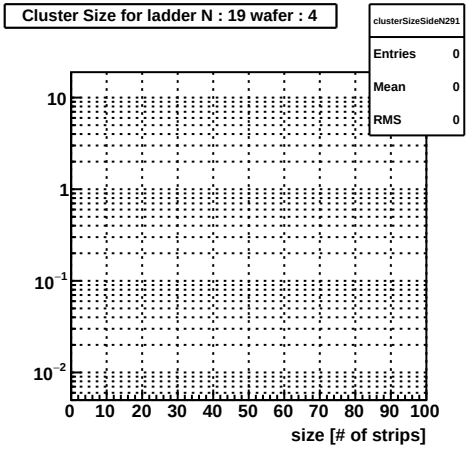

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

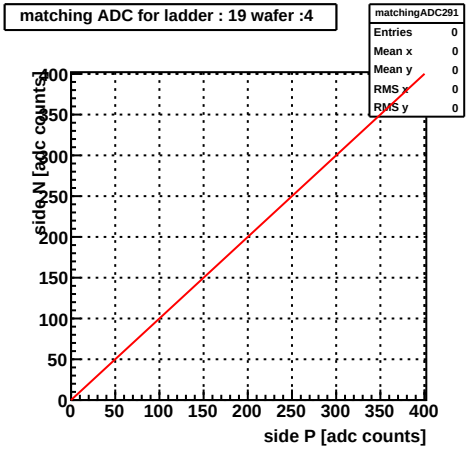

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

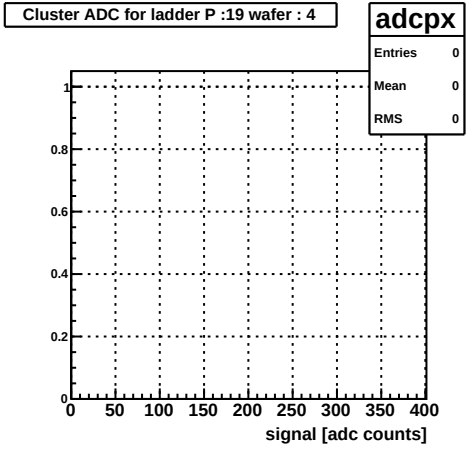

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

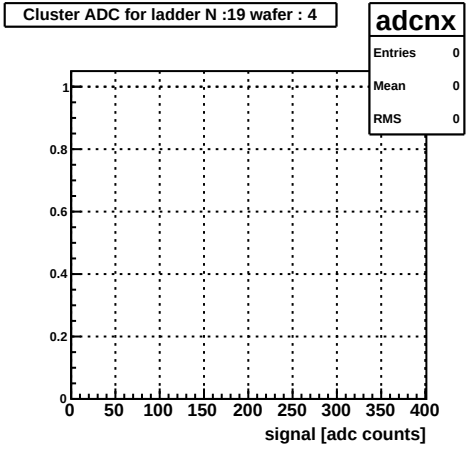

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

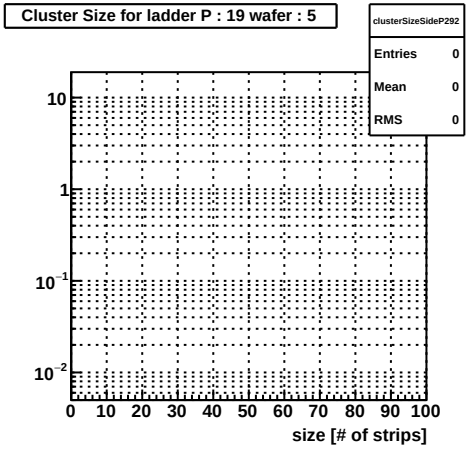

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

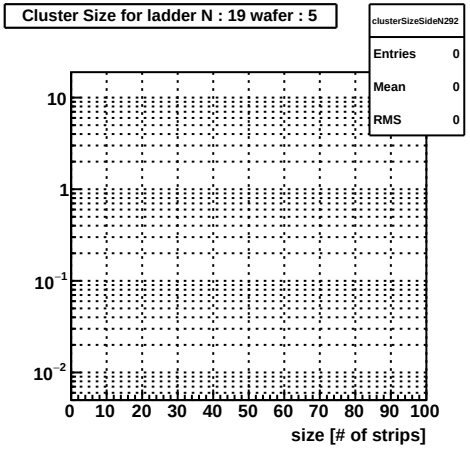

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

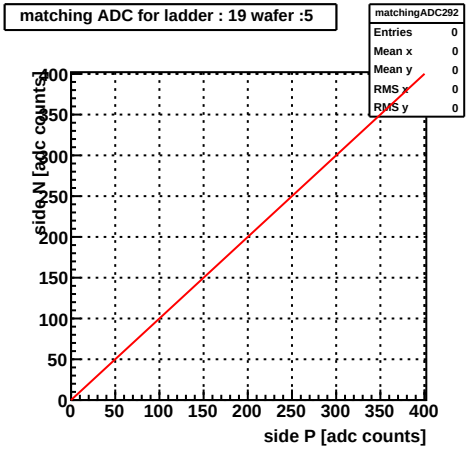

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

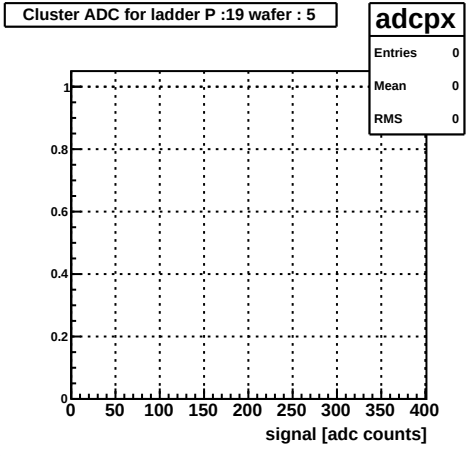

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

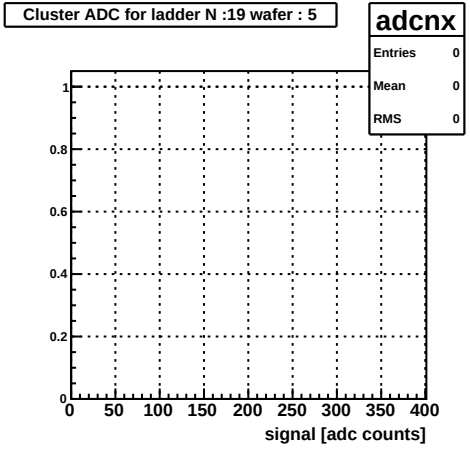

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

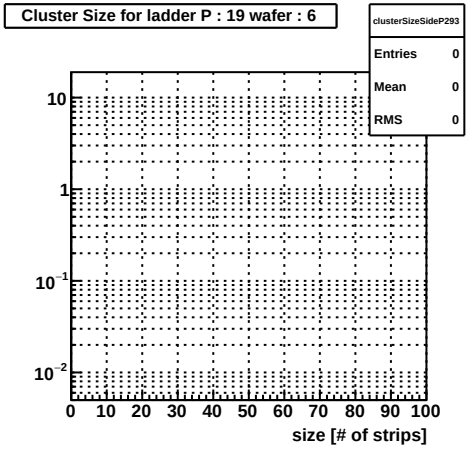

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

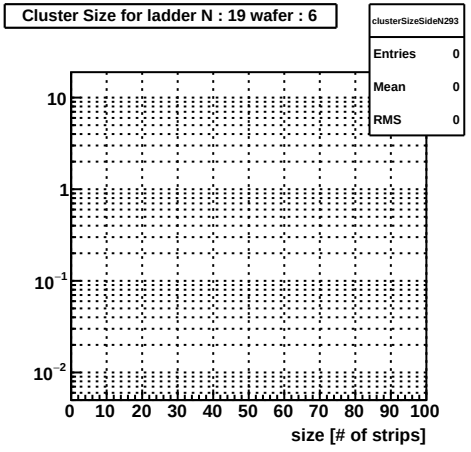

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

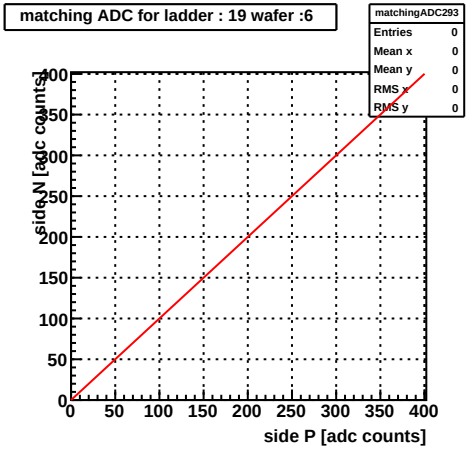

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

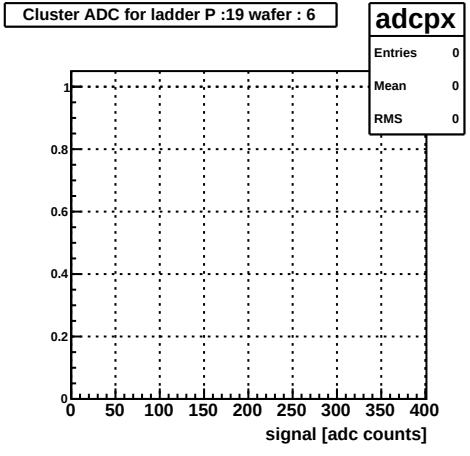

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

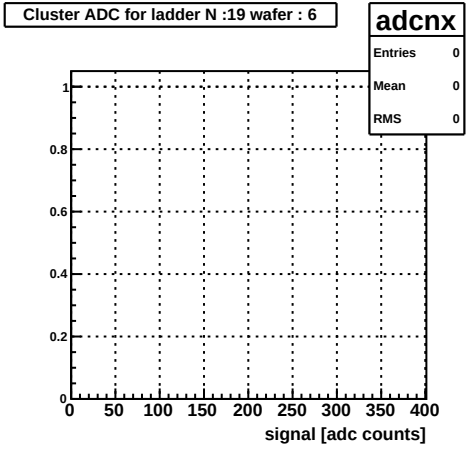

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

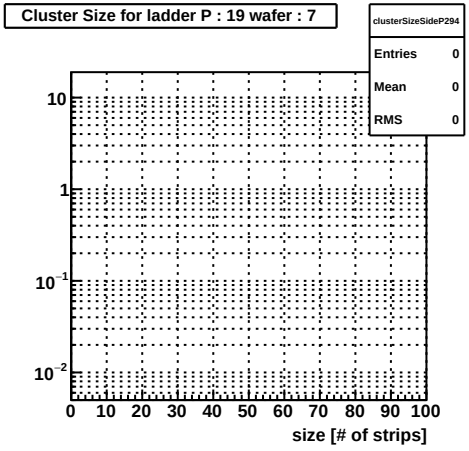

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

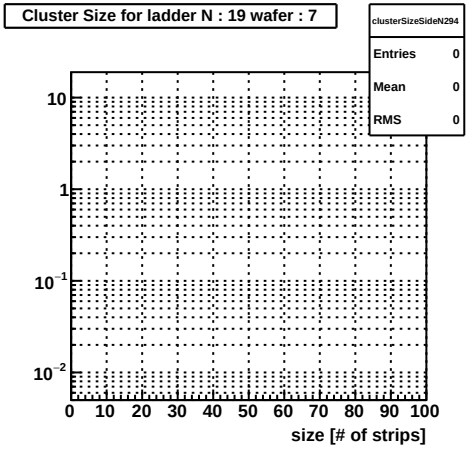

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

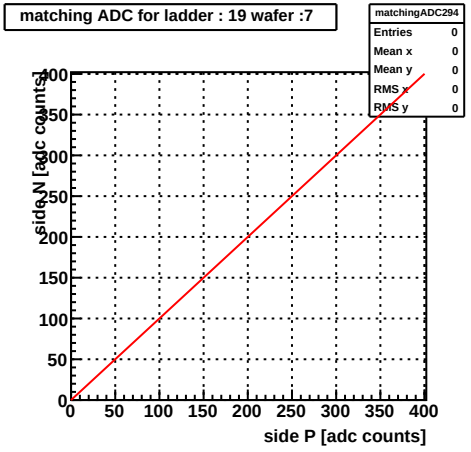

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

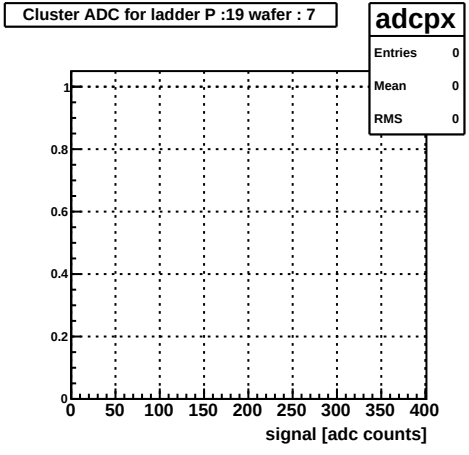

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

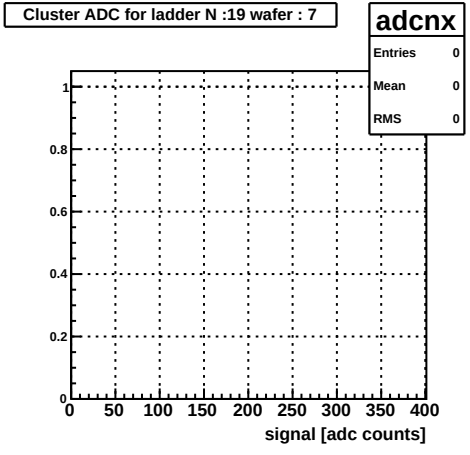

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

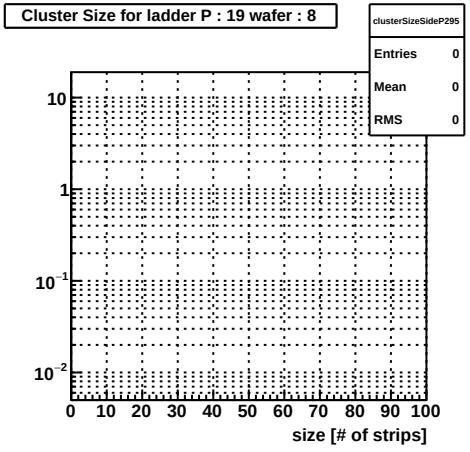

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

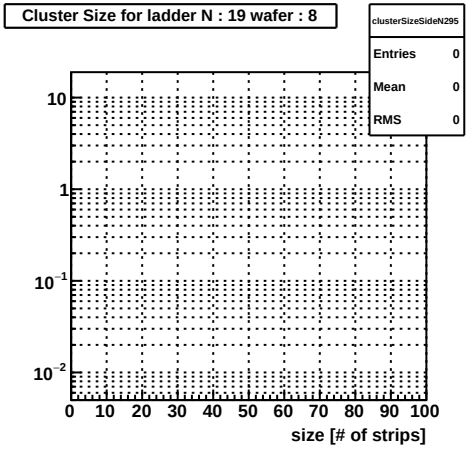

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

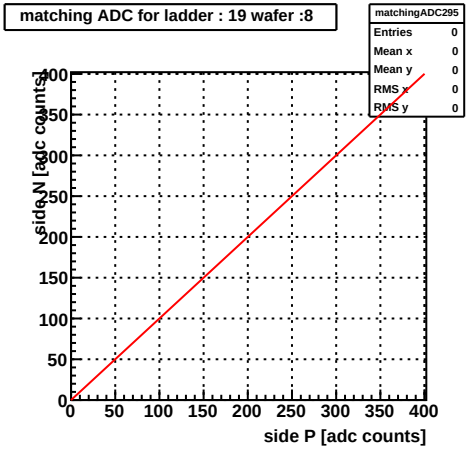

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

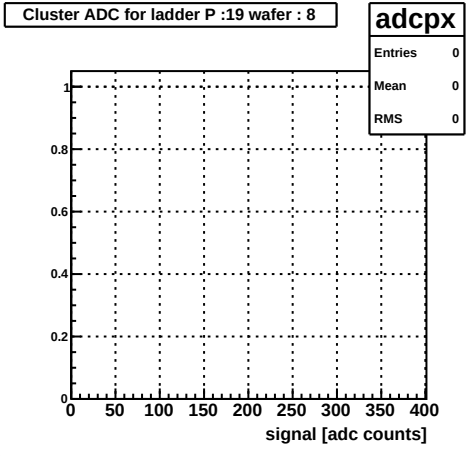

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

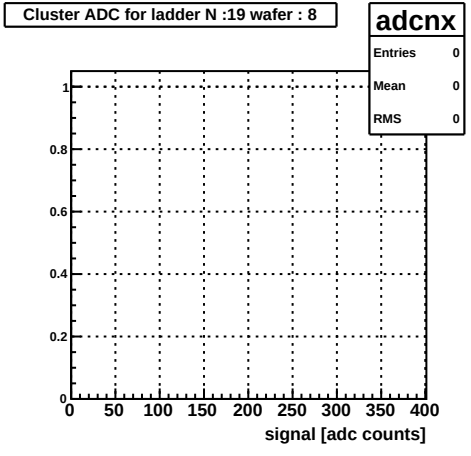

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

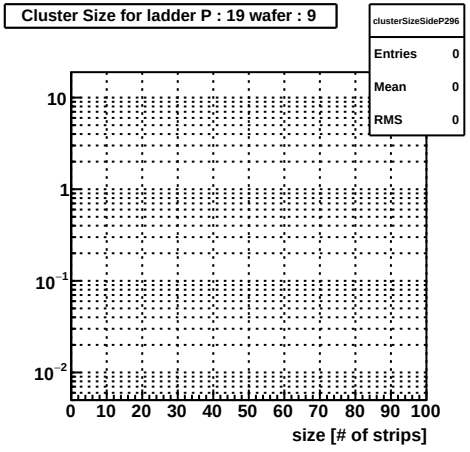

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

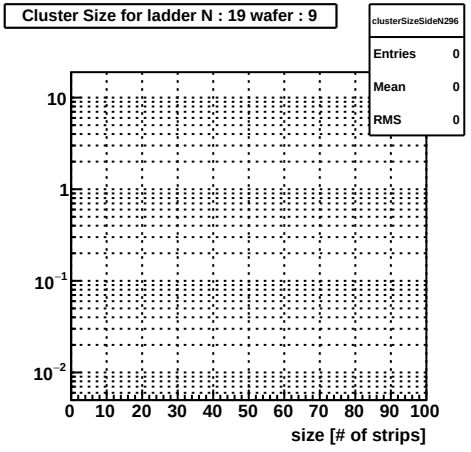

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

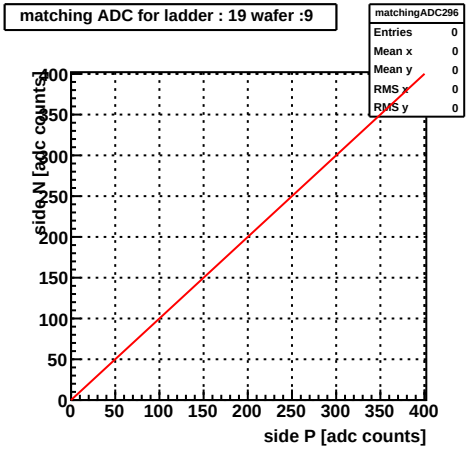

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

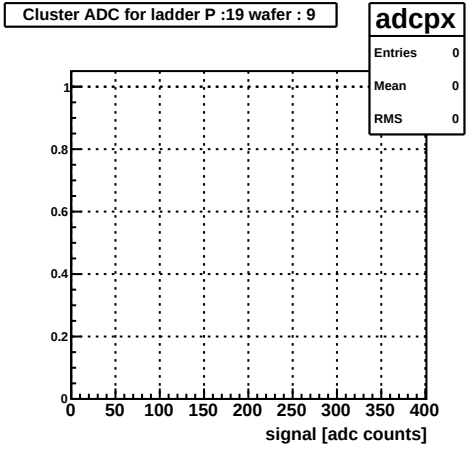

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

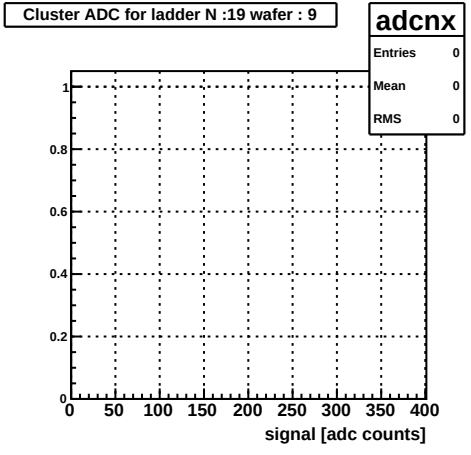

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

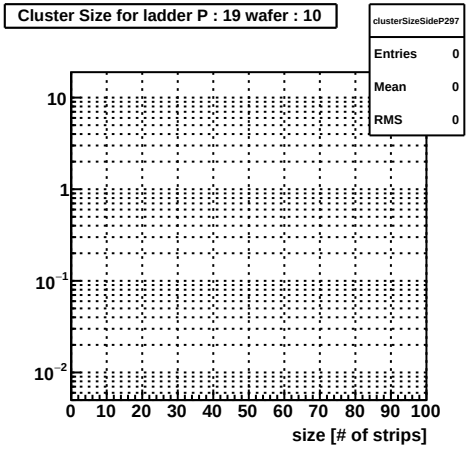

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

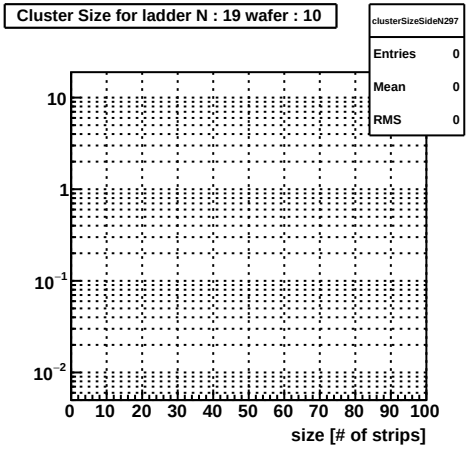

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

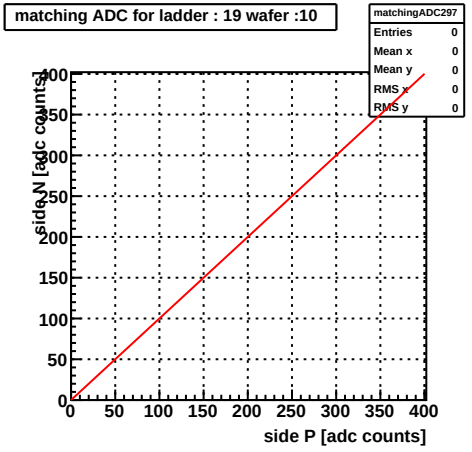

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

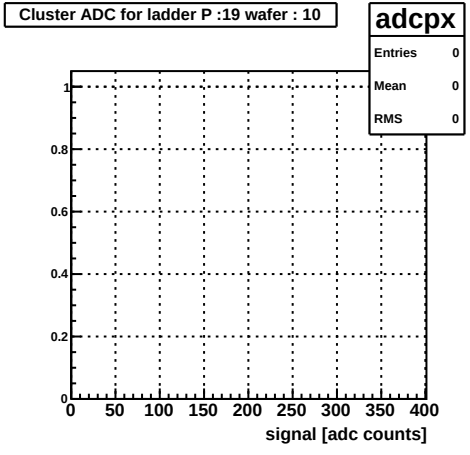

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

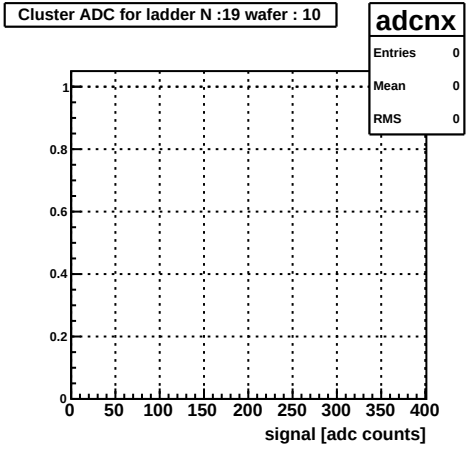

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

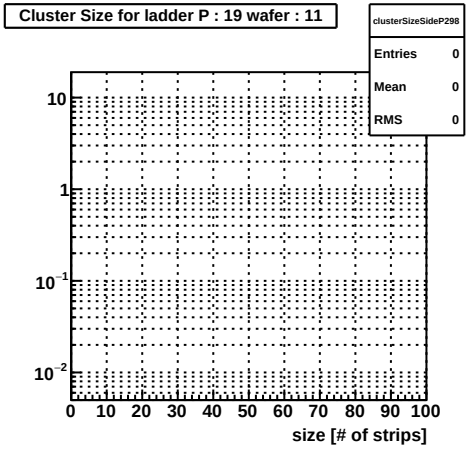

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

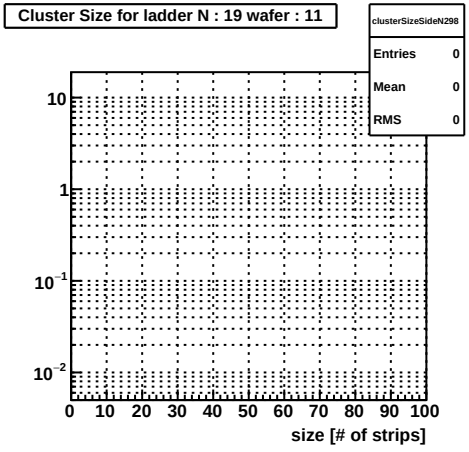

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

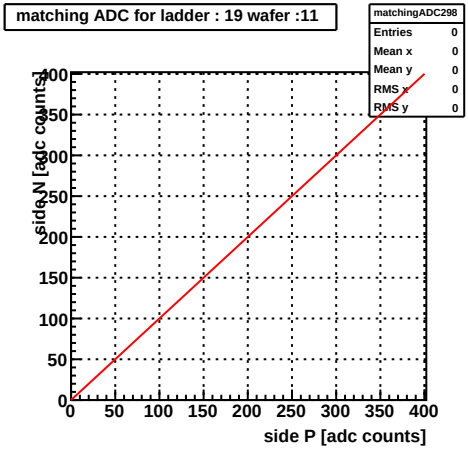

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

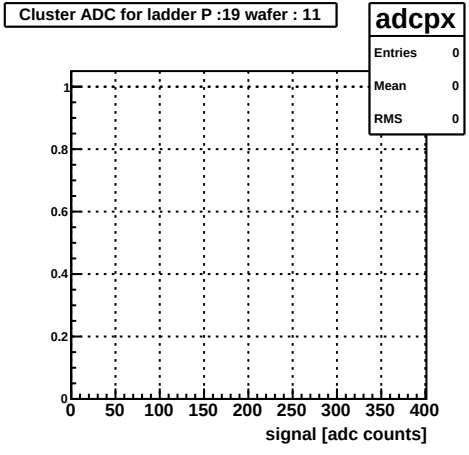

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

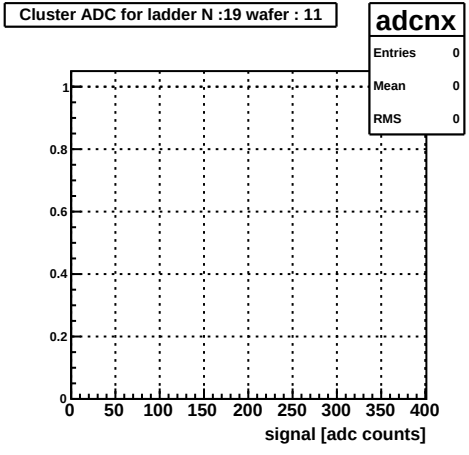

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

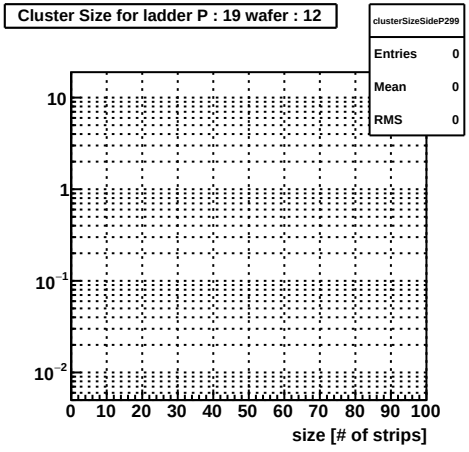

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

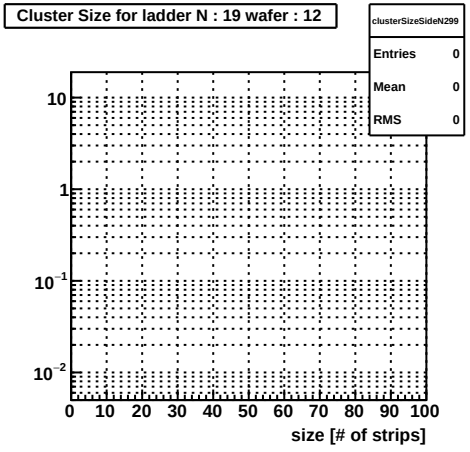

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

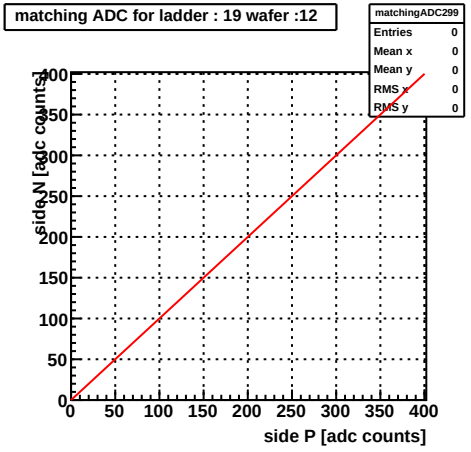

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

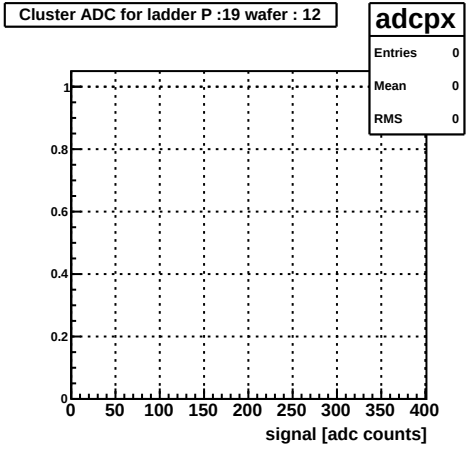

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

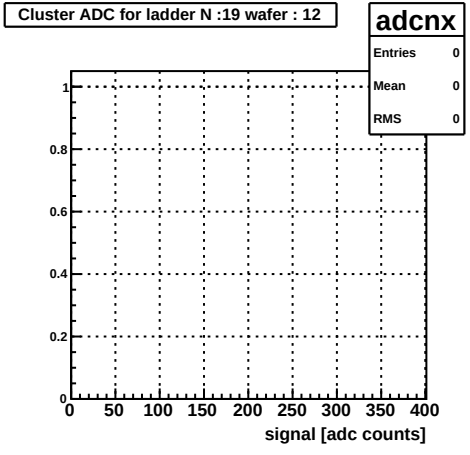

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

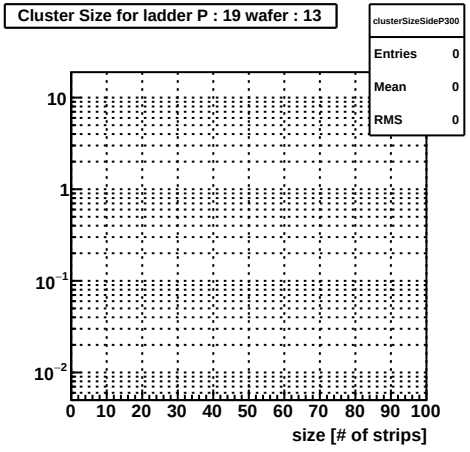

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

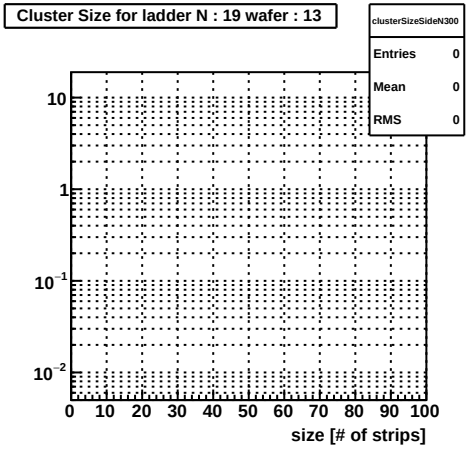

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

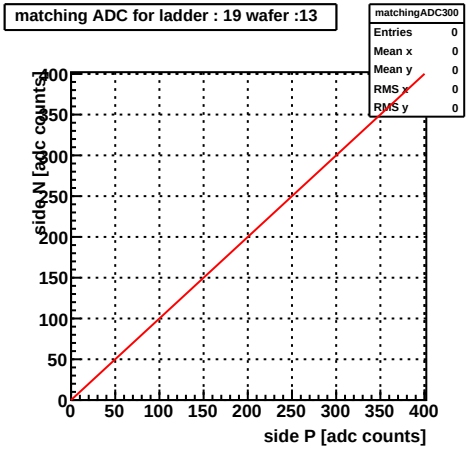

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

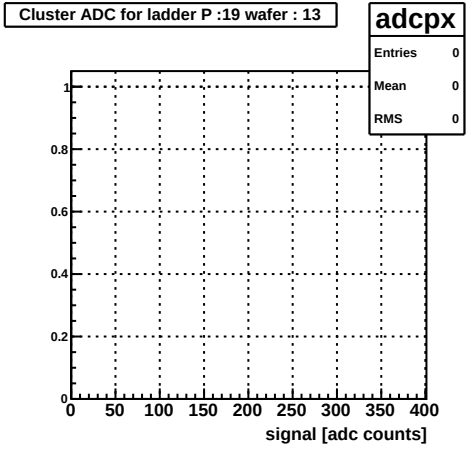

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

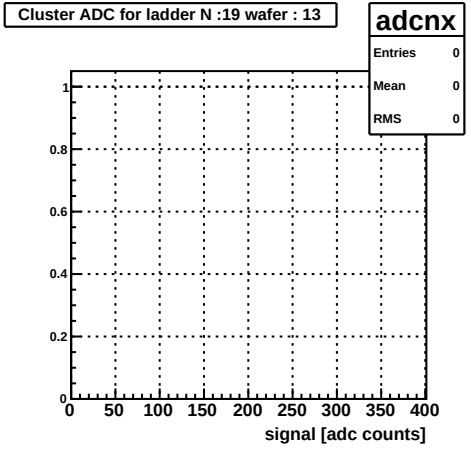

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

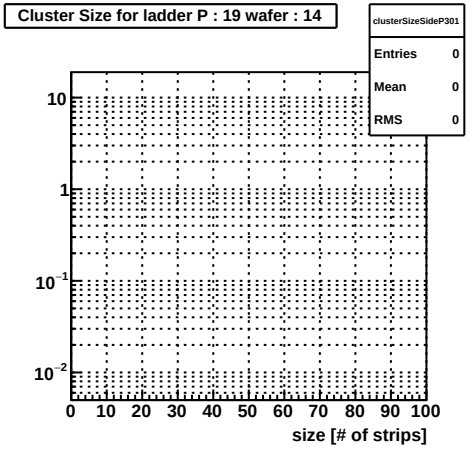

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

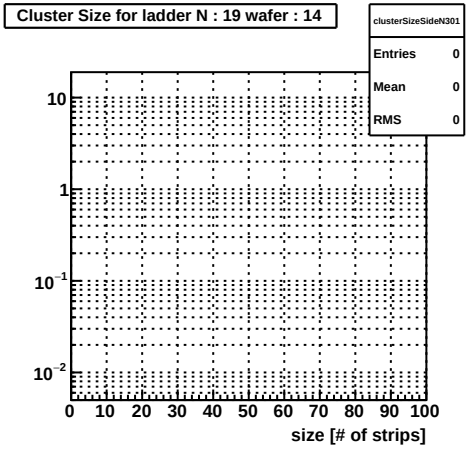

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

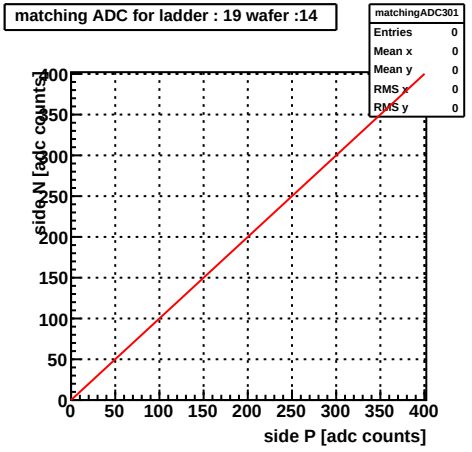

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

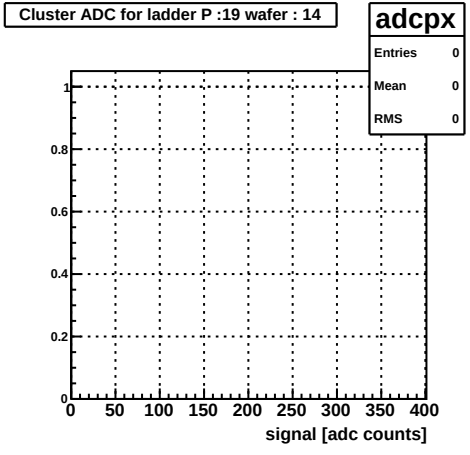

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

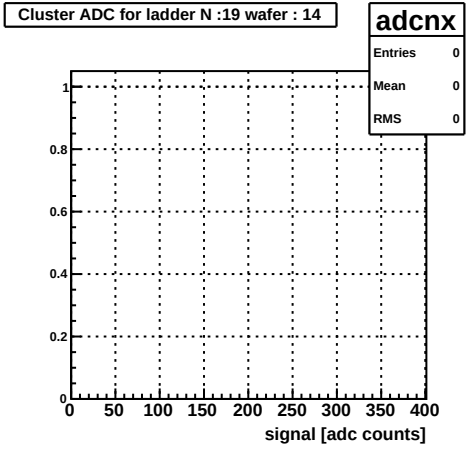

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

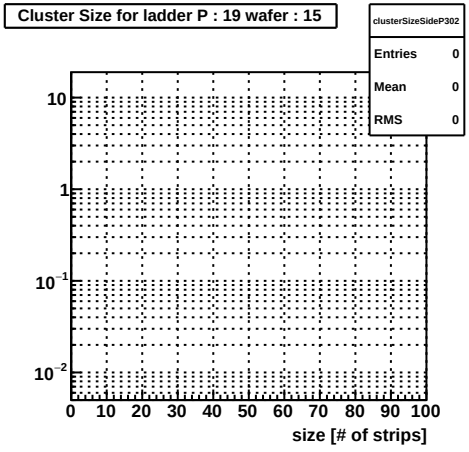

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

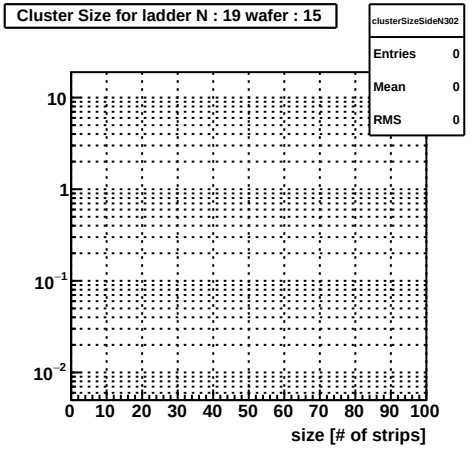

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

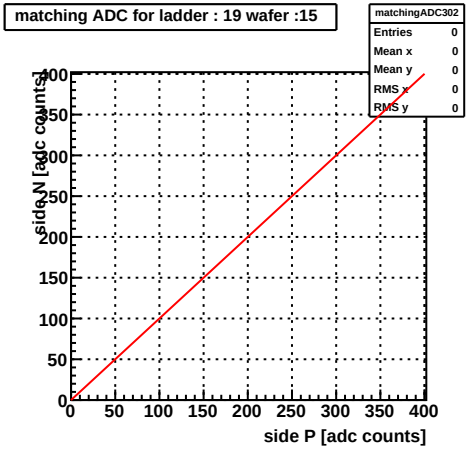

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

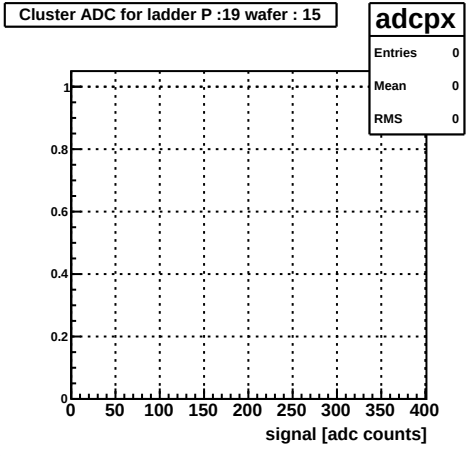

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

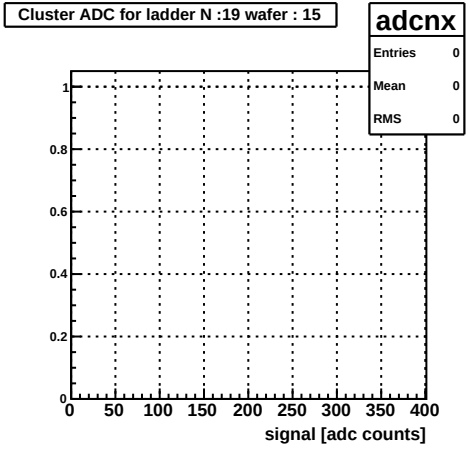

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

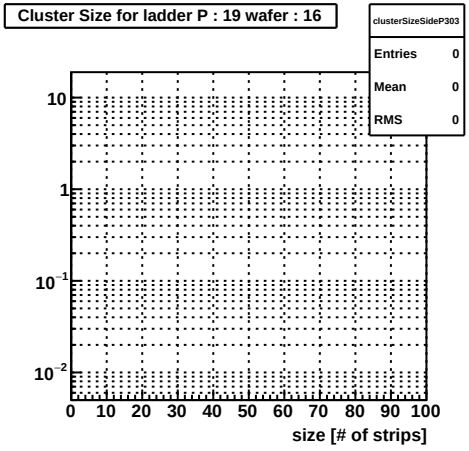

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

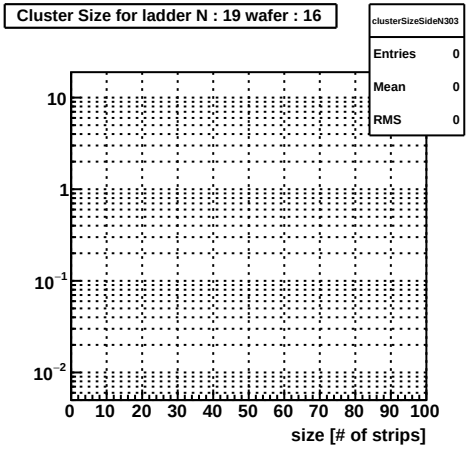

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

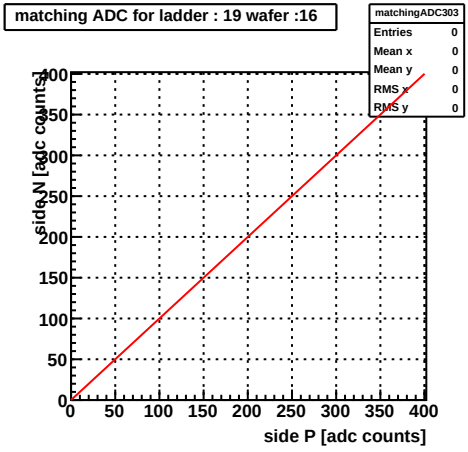

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

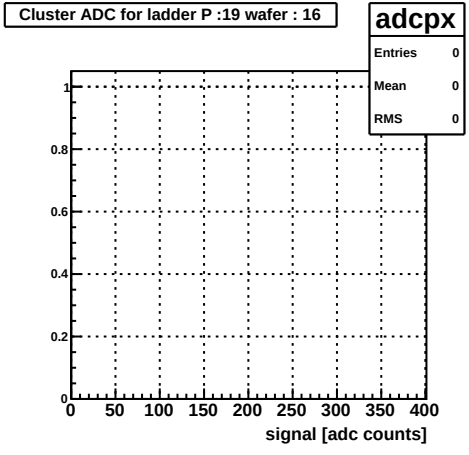

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

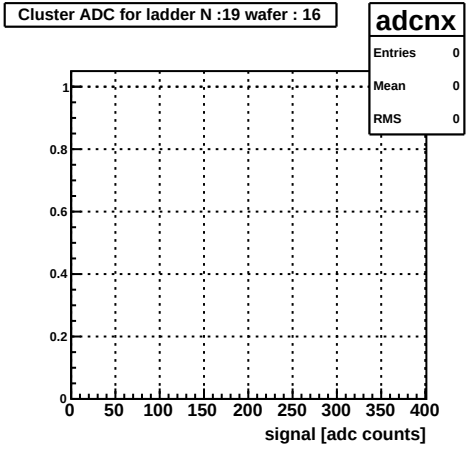

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

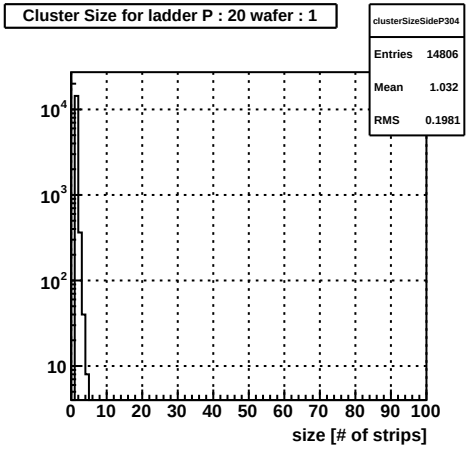

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

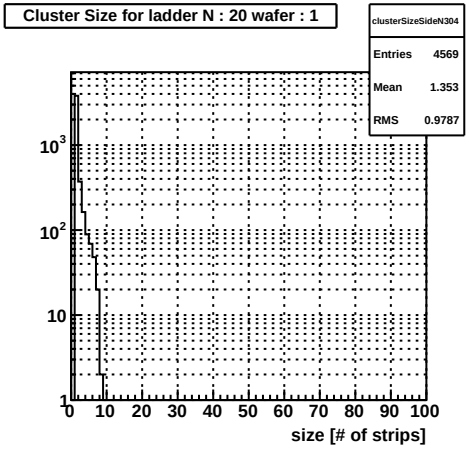

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

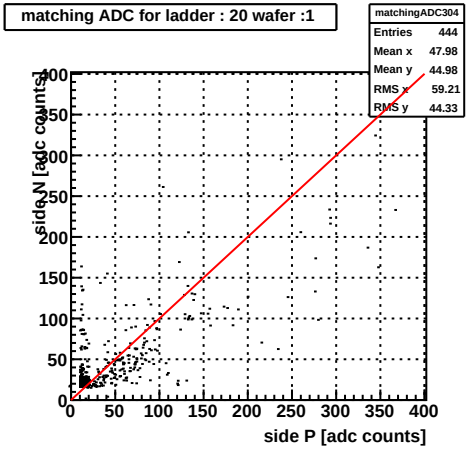

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

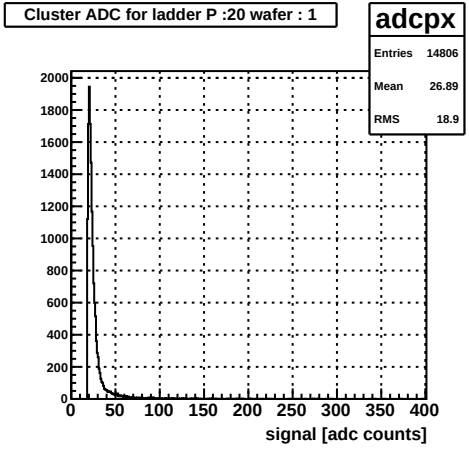

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

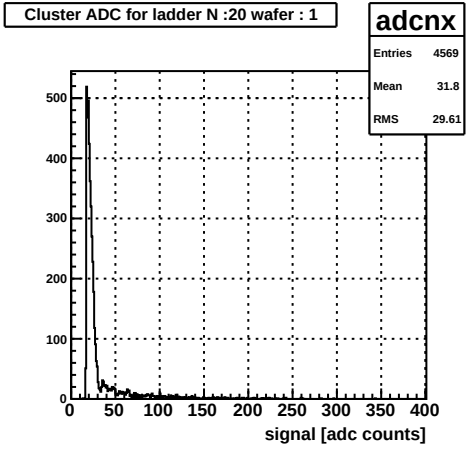

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

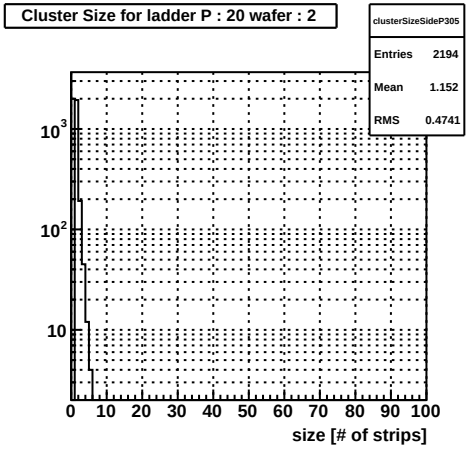

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 14806
Mean 1.032
RMS 0.1981
size [# of strips]

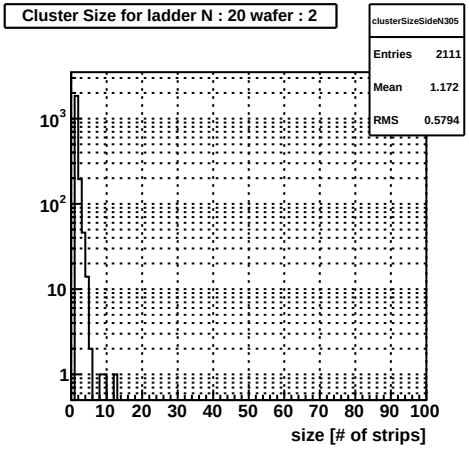

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 4569
Mean 1.353
RMS 0.9787
size [# of strips]

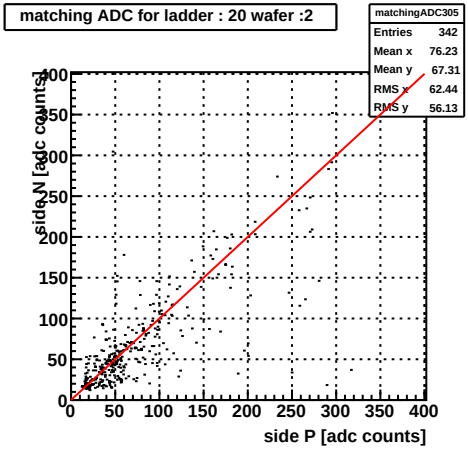

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 444
Mean x 47.98
Mean y 44.98
RMS x 59.21
RMS y 44.33
side N [adc counts]
side P [adc counts]

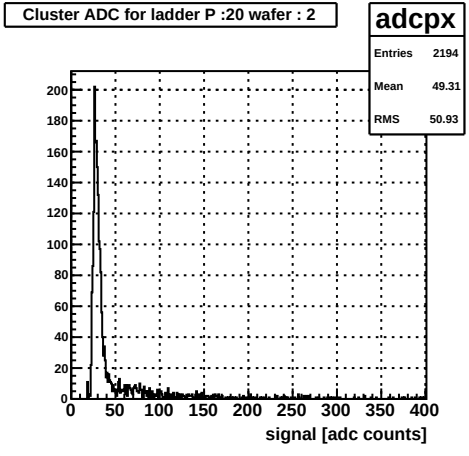

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 14806
Mean 26.89
RMS 18.9
signal [adc counts]

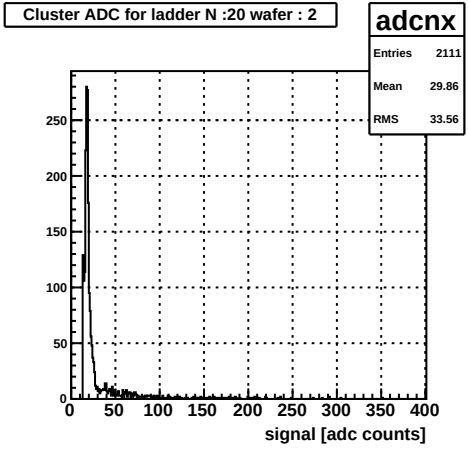

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 4569
Mean 31.8
RMS 29.61
signal [adc counts]

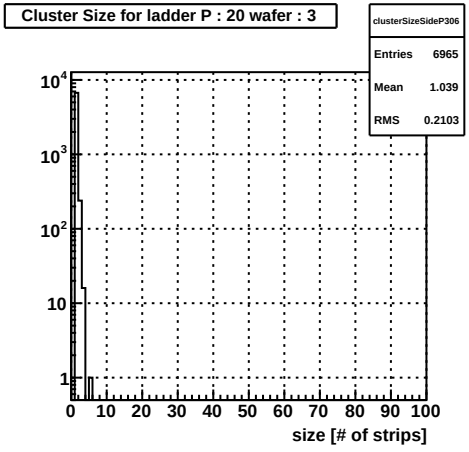

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 2194
Mean 1.152
RMS 0.4741
size [# of strips]

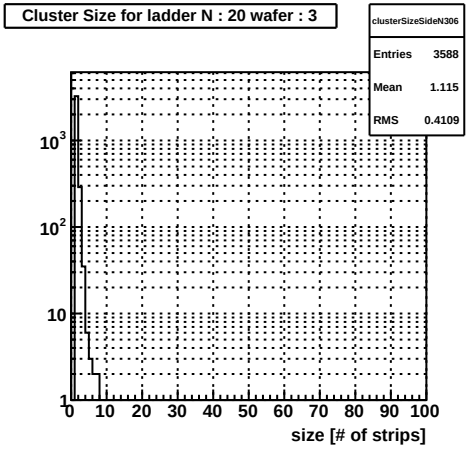

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 2111
Mean 1.172
RMS 0.5794
size [# of strips]

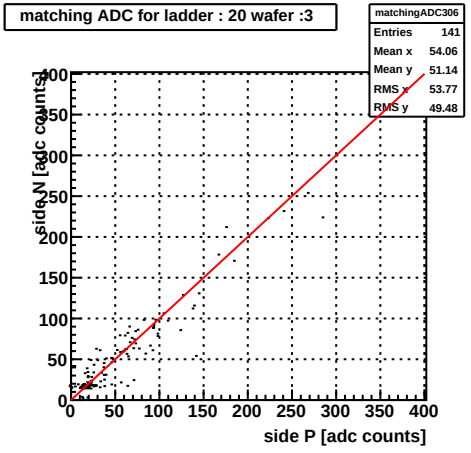

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 342
Mean x 76.23
Mean y 67.31
RMS x 62.44
RMS y 56.13
side N [adc counts]
side P [adc counts]

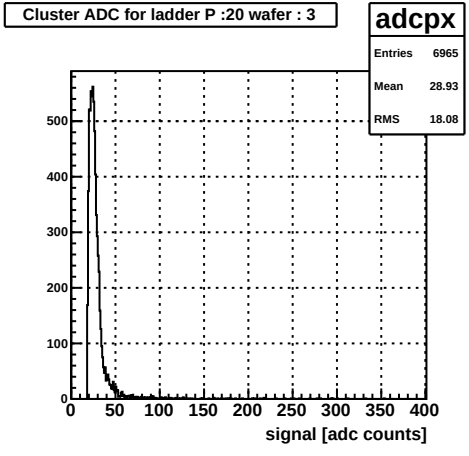

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 2194
Mean 49.31
RMS 50.93
signal [adc counts]

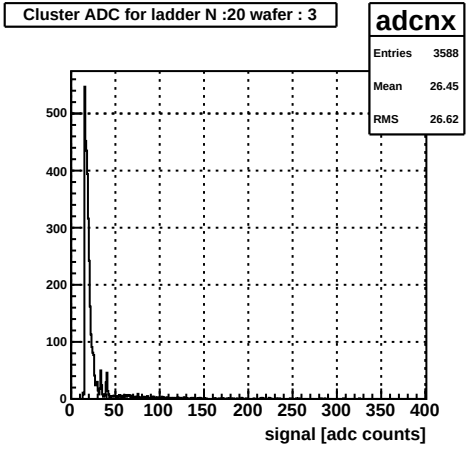

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 2111
Mean 29.86
RMS 33.56
signal [adc counts]

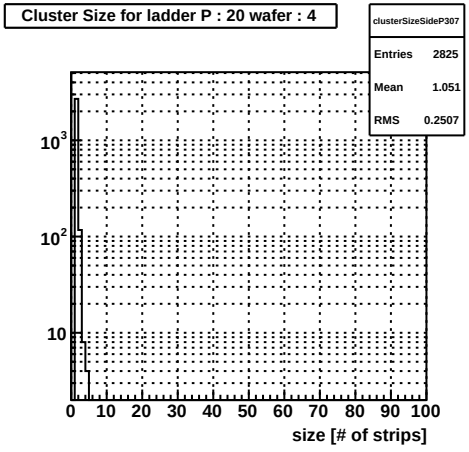

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 6965
Mean 1.039
RMS 0.2103
size [# of strips]

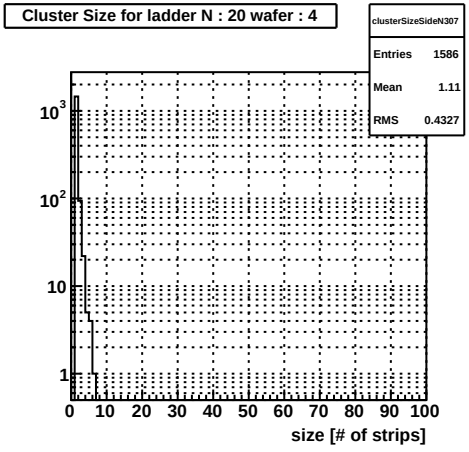

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 3588
Mean 1.115
RMS 0.4109
size [# of strips]

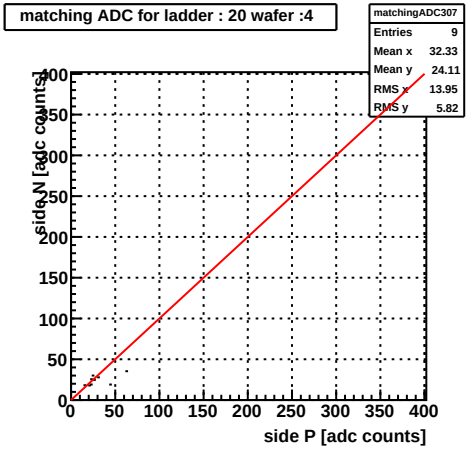

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 141
Mean x 54.06
Mean y 51.14
RMS x 53.77
RMS y 49.48
side N [adc counts]
side P [adc counts]

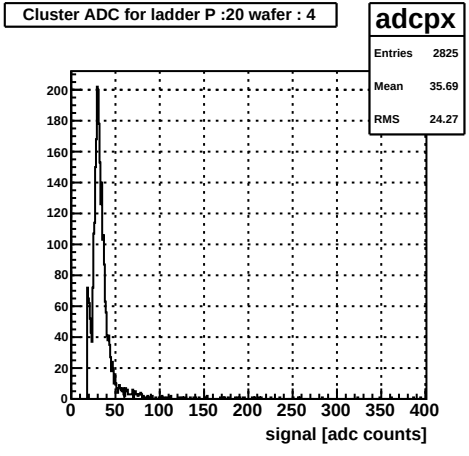

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 6965
Mean 28.93
RMS 18.08
signal [adc counts]

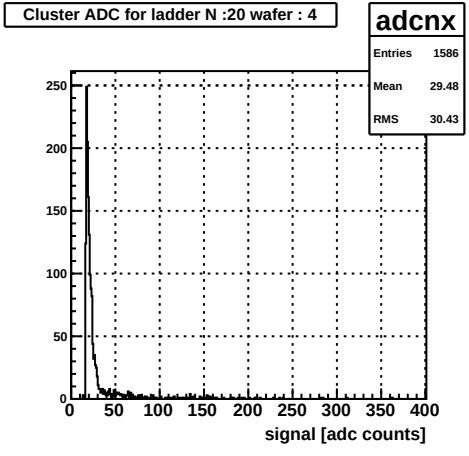

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 3588
Mean 26.45
RMS 26.62
signal [adc counts]

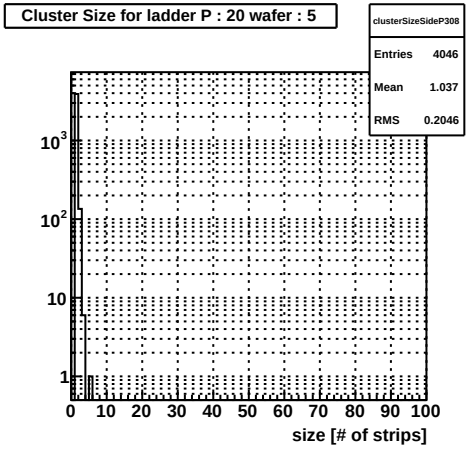

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 2825
Mean 1.051
RMS 0.2507
size [# of strips]

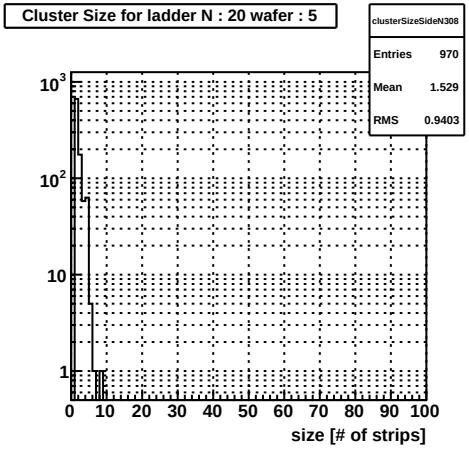

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 1586
Mean 1.11
RMS 0.4327
size [# of strips]

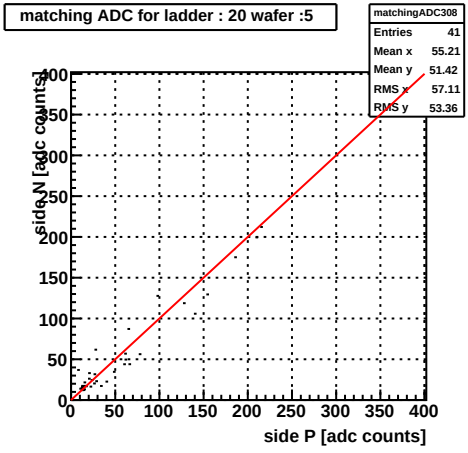

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 9
Mean x 32.33
Mean y 24.11
RMS x 13.95
RMS y 5.82
side N [adc counts]
side P [adc counts]

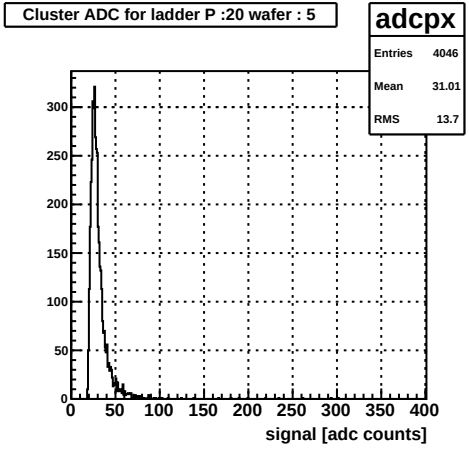

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 2825
Mean 35.69
RMS 24.27
signal [adc counts]

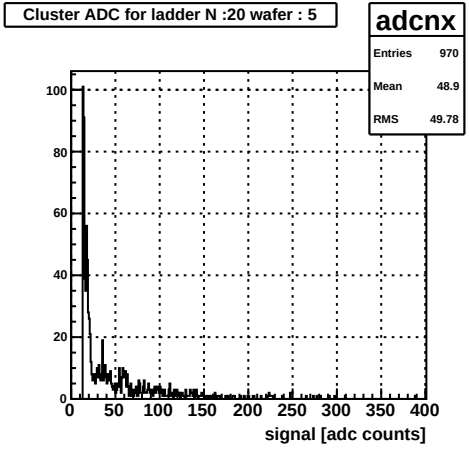

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 1586
Mean 29.48
RMS 30.43
signal [adc counts]

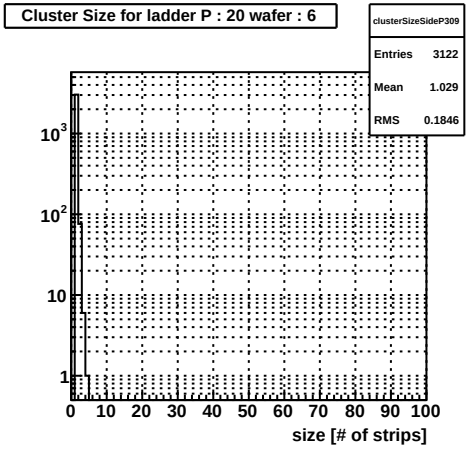

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 4046
Mean 1.037
RMS 0.2046
size [# of strips]

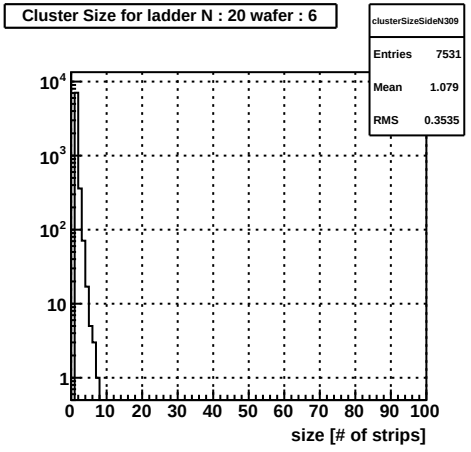

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 970
Mean 1.529
RMS 0.9403
size [# of strips]

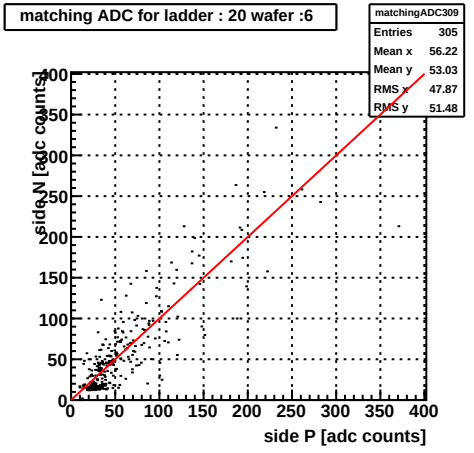

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 41
Mean x 55.21
Mean y 51.42
RMS x 57.11
RMS y 53.36
side N [adc counts]
side P [adc counts]

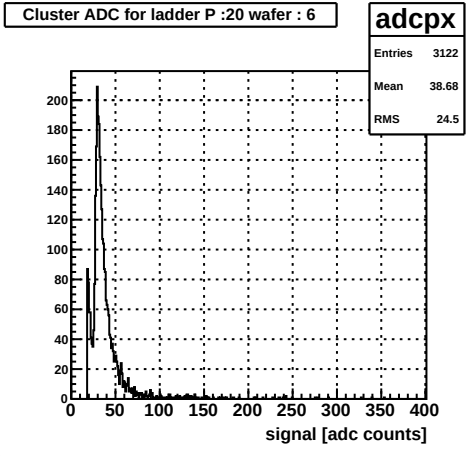

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 4046
Mean 31.01
RMS 13.7
signal [adc counts]

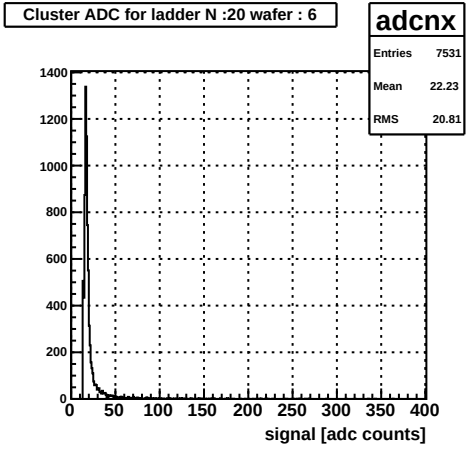

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 970
Mean 48.9
RMS 49.78
signal [adc counts]

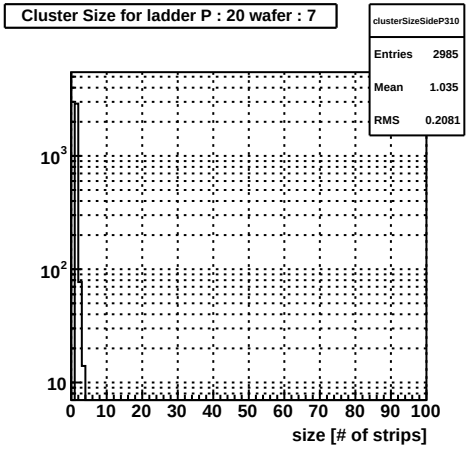

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 3122
Mean 1.029
RMS 0.1846
size [# of strips]

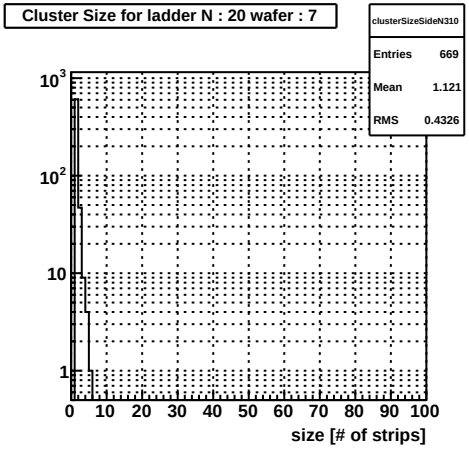

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 7531
Mean 1.079
RMS 0.3535
size [# of strips]

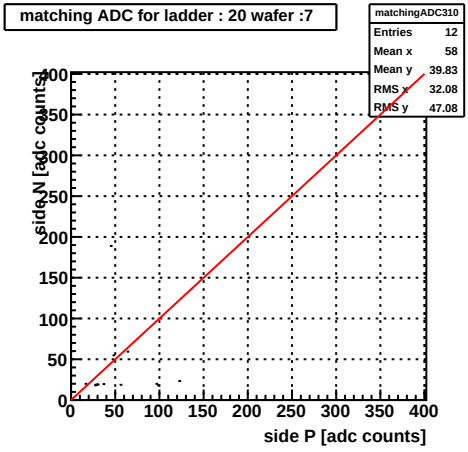

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 305
Mean x 56.22
Mean y 53.03
RMS x 47.87
RMS y 51.48
side N [adc counts]
side P [adc counts]

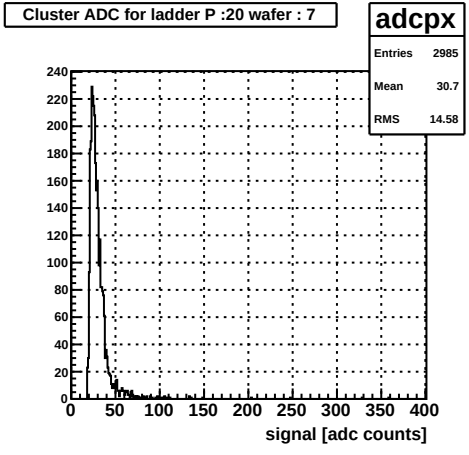

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 3122
Mean 38.68
RMS 24.5
signal [adc counts]

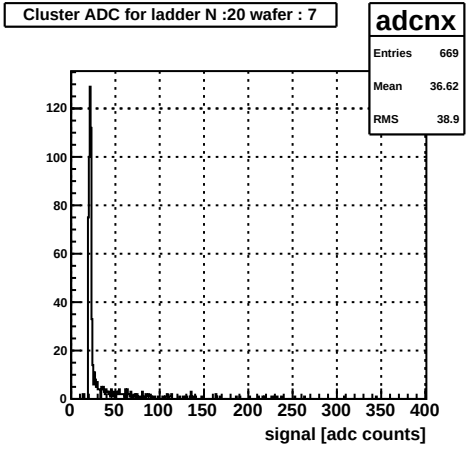

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 7531
Mean 22.23
RMS 20.81
signal [adc counts]

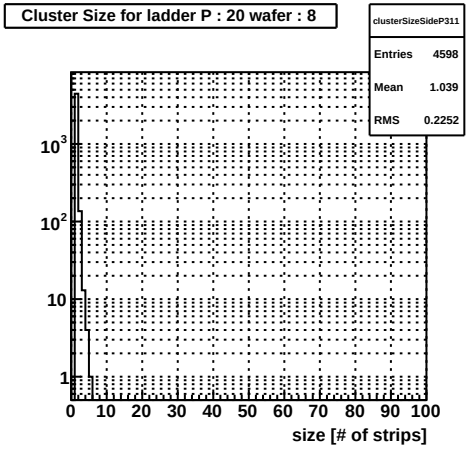

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 2985
Mean 1.035
RMS 0.2081
size [# of strips]

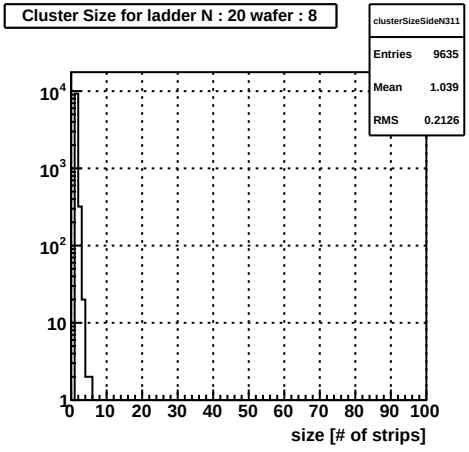

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 669
Mean 1.121
RMS 0.4326
size [# of strips]

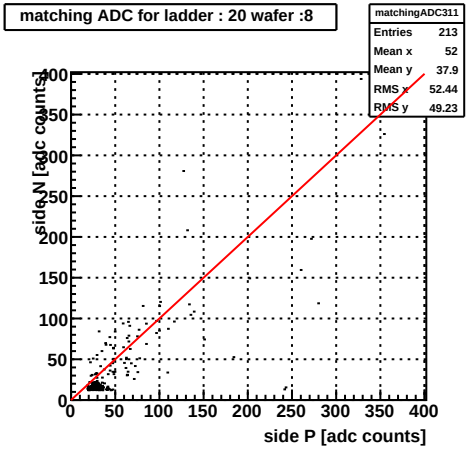

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 12
Mean x 58
Mean y 39.83
RMS x 32.08
RMS y 47.08
side N [adc counts]
side P [adc counts]

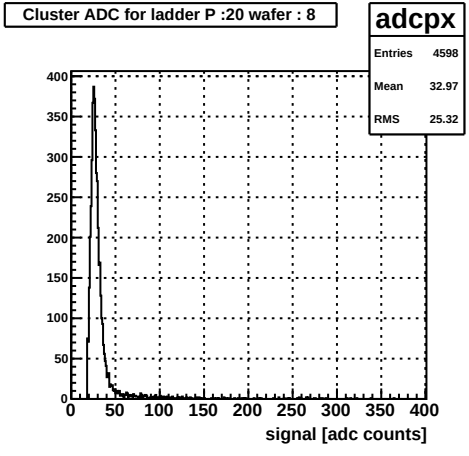

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 2985
Mean 30.7
RMS 14.58
signal [adc counts]

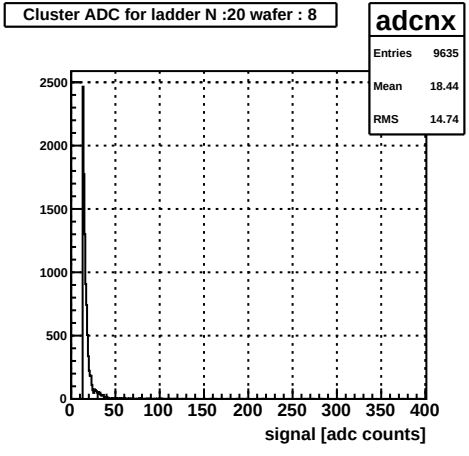

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 669
Mean 36.62
RMS 38.9
signal [adc counts]

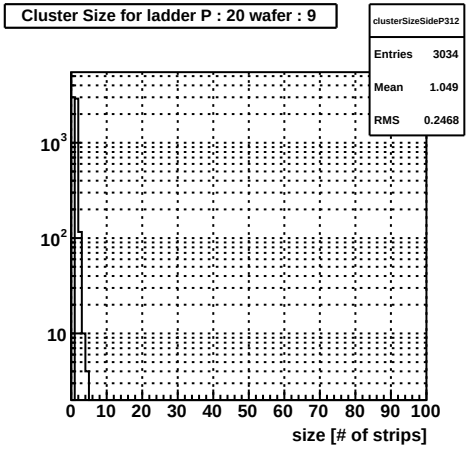

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 4598
Mean 1.039
RMS 0.2252
size [# of strips]

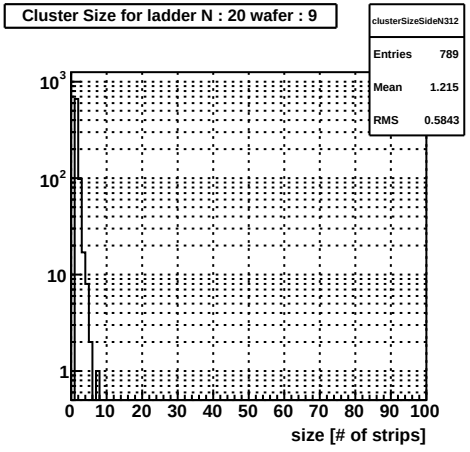

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 9635
Mean 1.039
RMS 0.2126
size [# of strips]

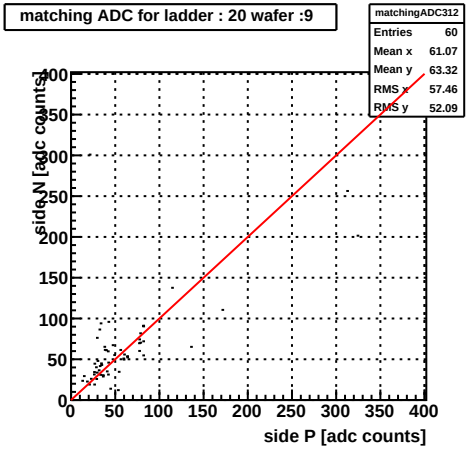

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 213
Mean x 52
Mean y 37.9
RMS x 52.44
RMS y 49.23
side N [adc counts]
side P [adc counts]

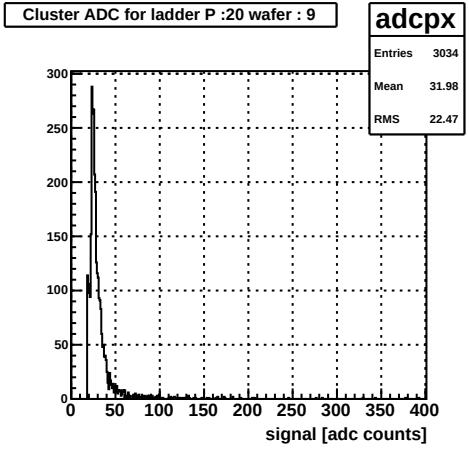

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 4598
Mean 32.97
RMS 25.32
signal [adc counts]

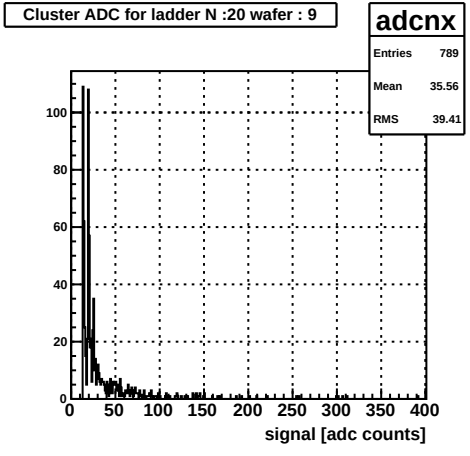

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 9635
Mean 18.44
RMS 14.74
signal [adc counts]

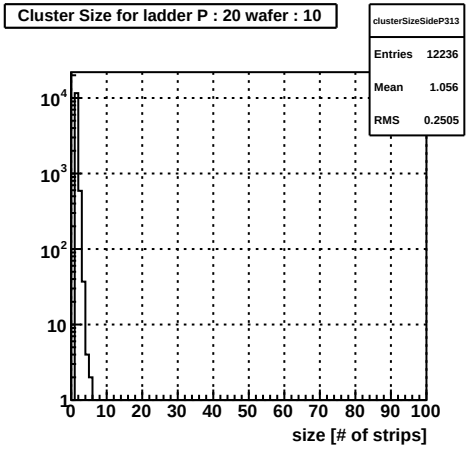

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 3034
Mean 1.049
RMS 0.2468
size [# of strips]

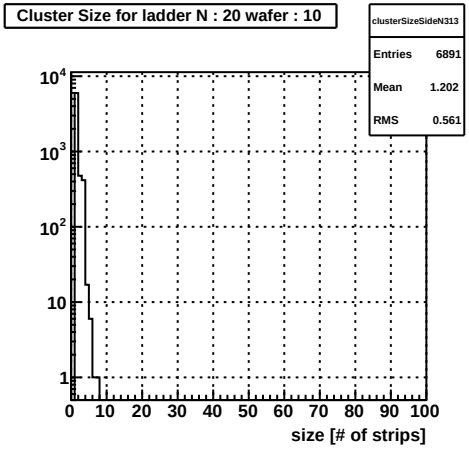

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 789
Mean 1.215
RMS 0.5843
size [# of strips]

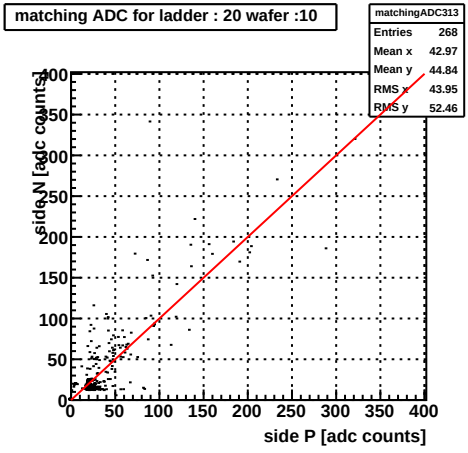

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 60
Mean x 61.07
Mean y 63.32
RMS x 57.46
RMS y 52.09
side N [adc counts]
side P [adc counts]

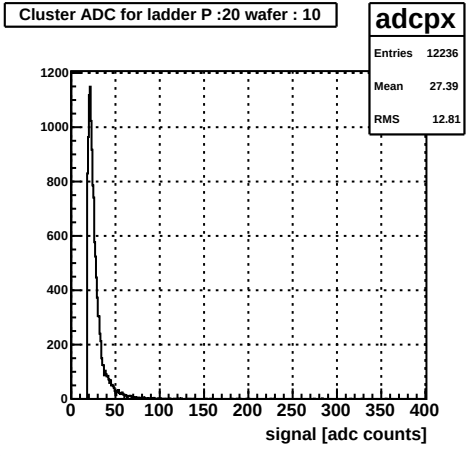

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 3034
Mean 31.98
RMS 22.47
signal [adc counts]

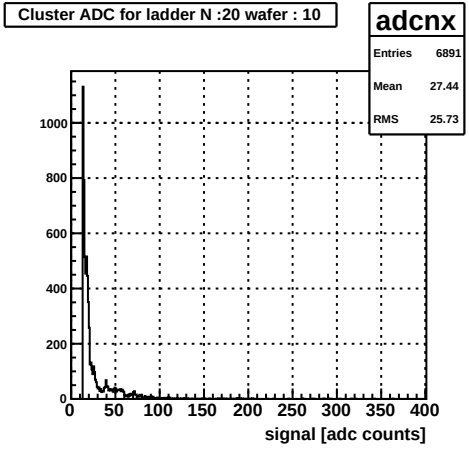

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 789
Mean 35.56
RMS 39.41
signal [adc counts]

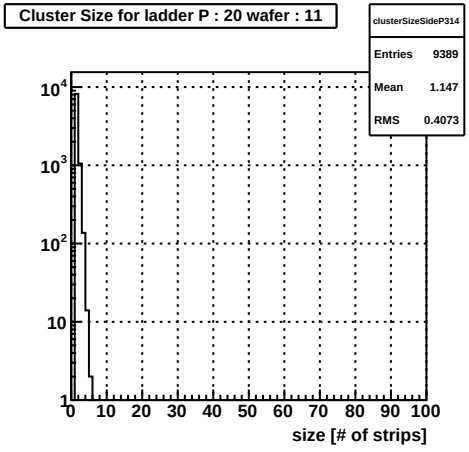

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 12236
Mean 1.056
RMS 0.2505
size [# of strips]

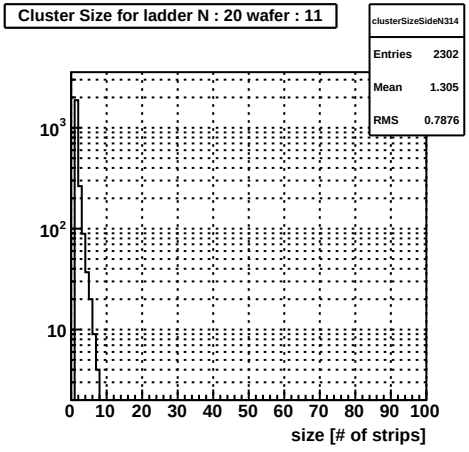

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 6891
Mean 1.202
RMS 0.561
size [# of strips]

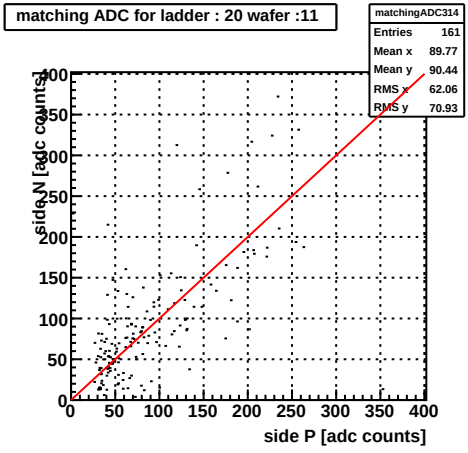

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 268
Mean x 42.97
Mean y 44.84
RMS x 43.95
RMS y 52.46
side N [adc counts]
side P [adc counts]

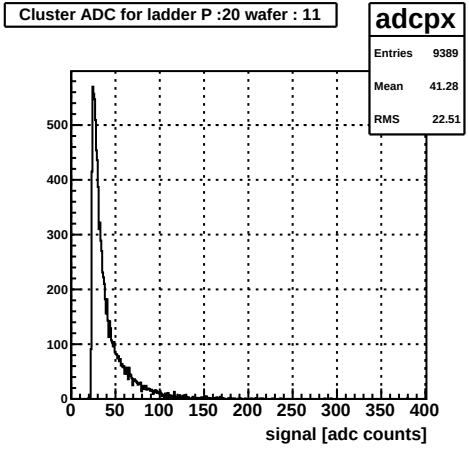

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 12236
Mean 27.39
RMS 12.81
signal [adc counts]

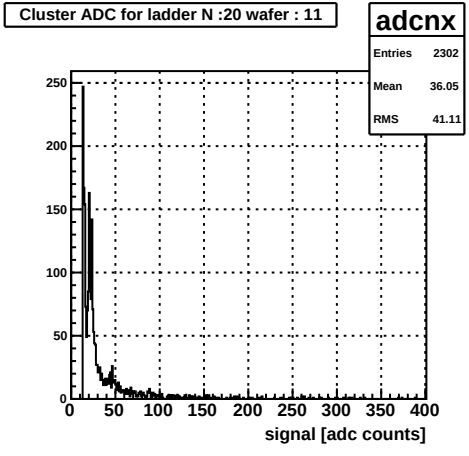

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 6891
Mean 27.44
RMS 25.73
signal [adc counts]

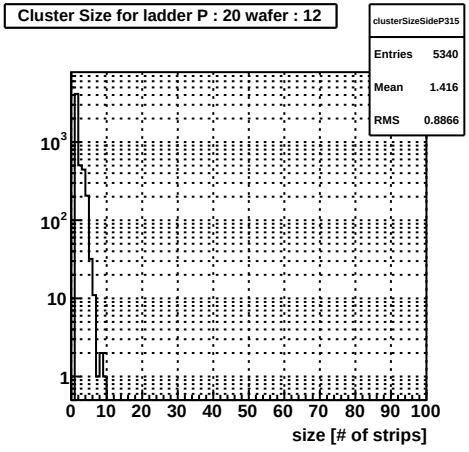

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 9389
Mean 1.147
RMS 0.4073
size [# of strips]

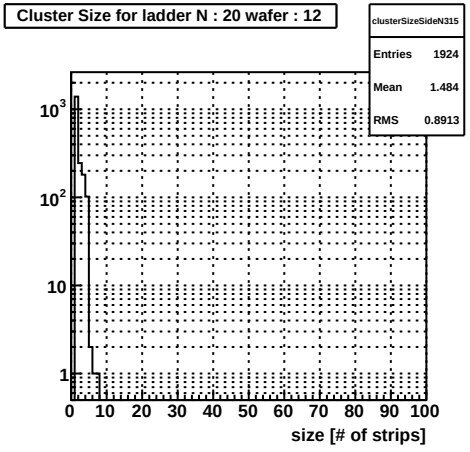

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 2302
Mean 1.305
RMS 0.7876
size [# of strips]

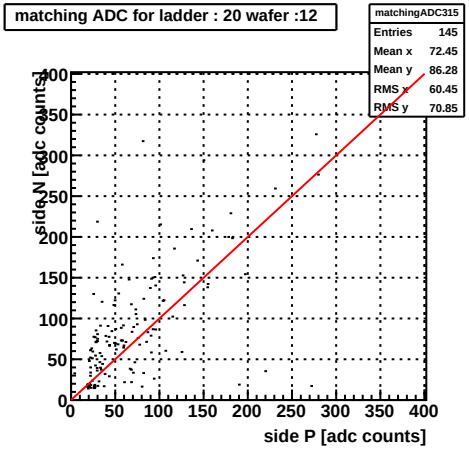

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 161
Mean x 89.77
Mean y 90.44
RMS x 62.06
RMS y 70.93
side N [adc counts]
side P [adc counts]

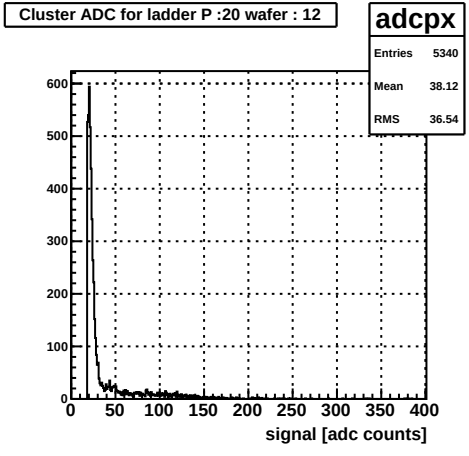

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 9389
Mean 41.28
RMS 22.51
signal [adc counts]

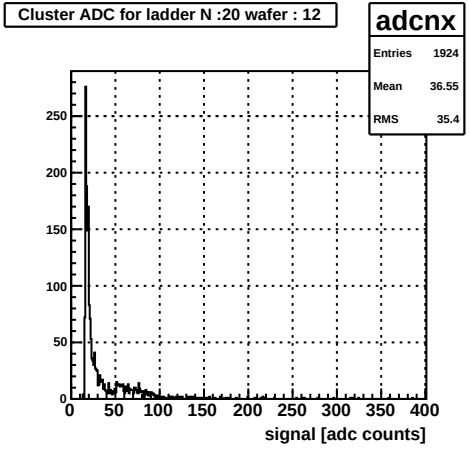

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 2302
Mean 36.05
RMS 41.11
signal [adc counts]

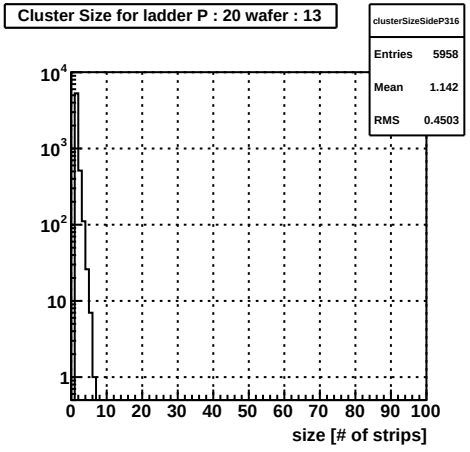

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 5340
Mean 1.416
RMS 0.8866
size [# of strips]

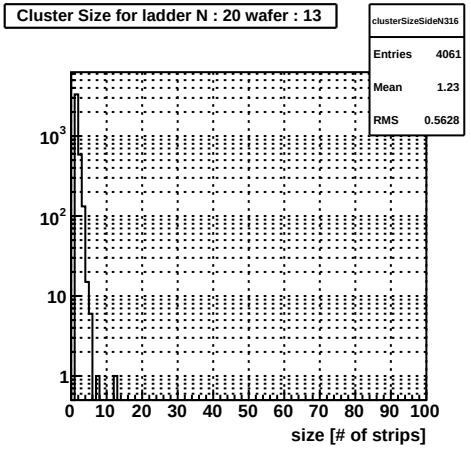

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 1924
Mean 1.484
RMS 0.8913
size [# of strips]

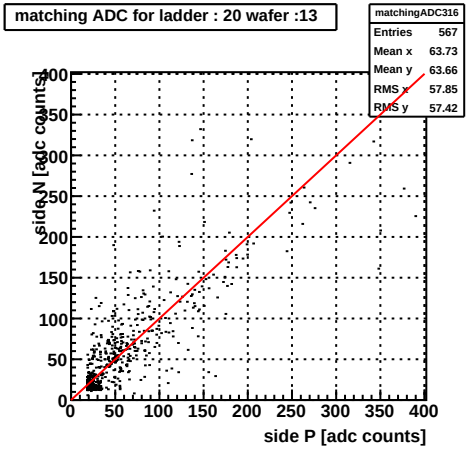

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 145
Mean x 72.45
Mean y 86.28
RMS x 60.45
RMS y 70.85
side N [adc counts]
side P [adc counts]

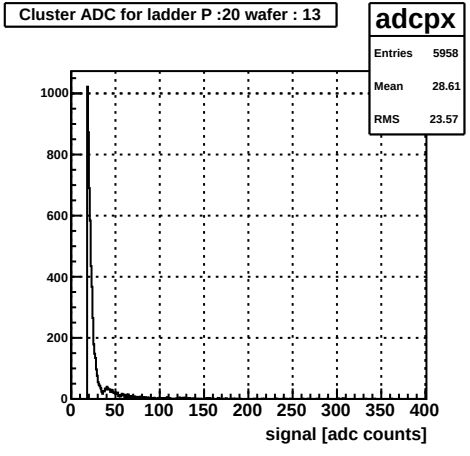

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 5340
Mean 38.12
RMS 36.54
signal [adc counts]

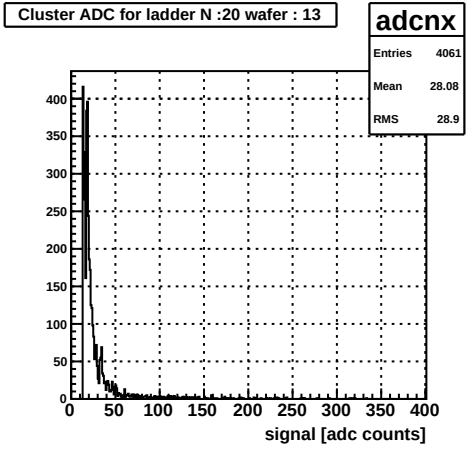

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 1924
Mean 36.55
RMS 35.4
signal [adc counts]

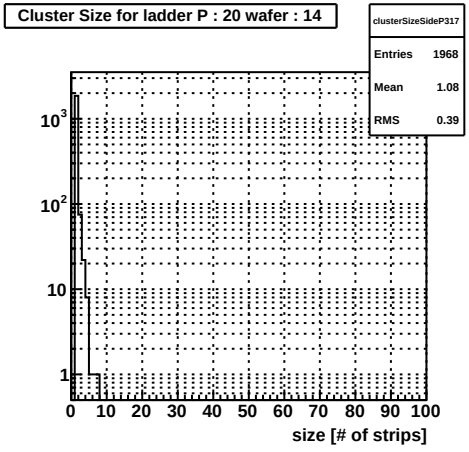

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 5958
Mean 1.142
RMS 0.4503
size [# of strips]

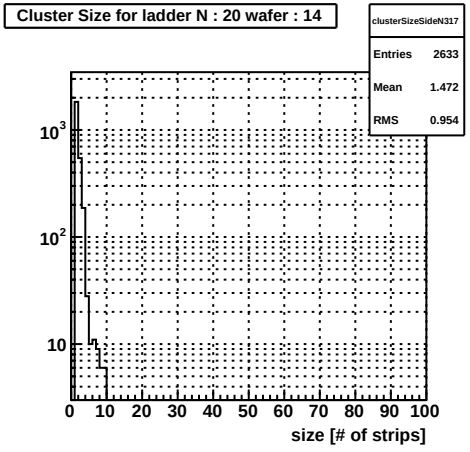

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 4061
Mean 1.23
RMS 0.5628
size [# of strips]

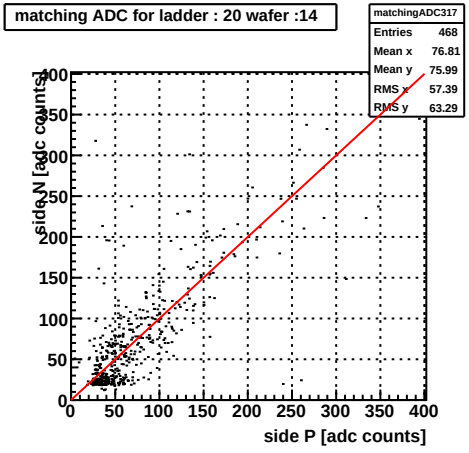

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 567
Mean x 63.73
Mean y 63.66
RMS x 57.85
RMS y 57.42
side N [adc counts]
side P [adc counts]

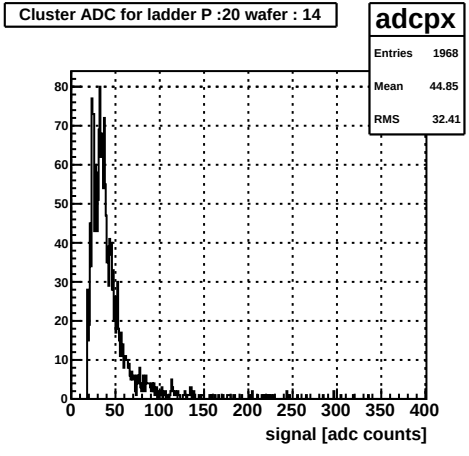

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 5958
Mean 28.61
RMS 23.57
signal [adc counts]

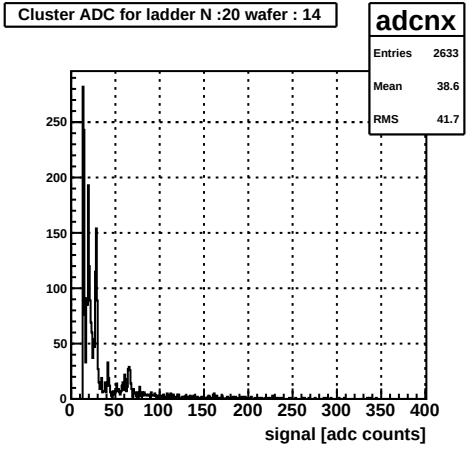

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 4061
Mean 28.08
RMS 28.9
signal [adc counts]

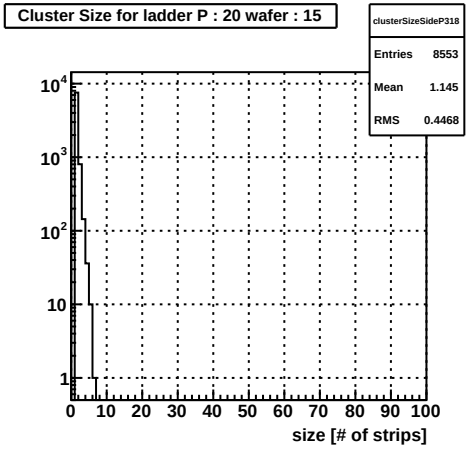

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 1968
Mean 1.08
RMS 0.39
size [# of strips]

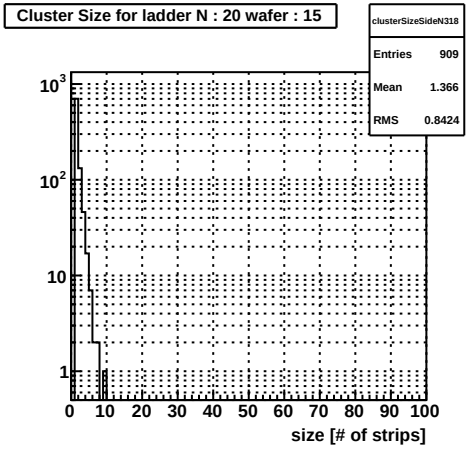

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 2633
Mean 1.472
RMS 0.954
size [# of strips]

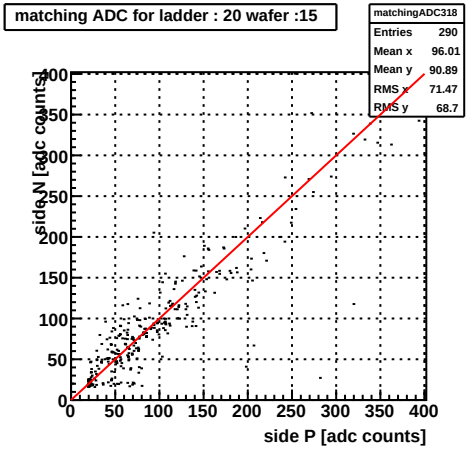

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 468
Mean x 76.81
Mean y 75.99
RMS x 57.39
RMS y 63.29
side N [adc counts]
side P [adc counts]

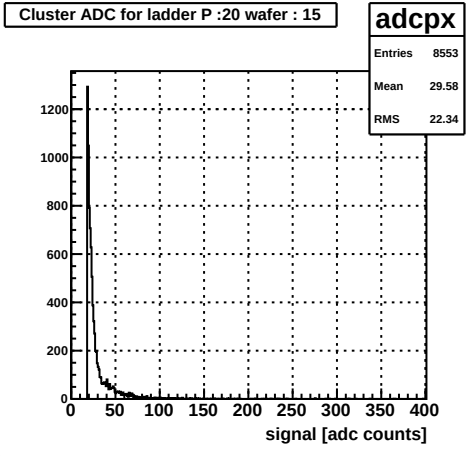

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 1968
Mean 44.85
RMS 32.41
signal [adc counts]

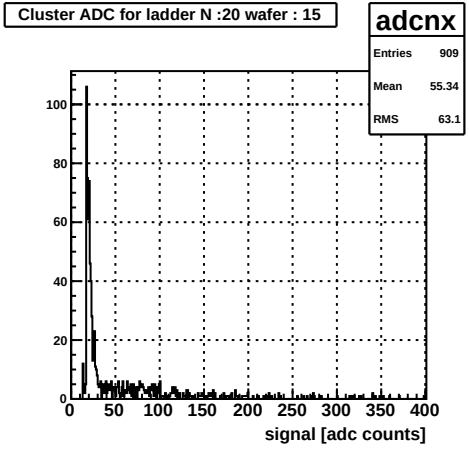

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 2633
Mean 38.6
RMS 41.7
signal [adc counts]

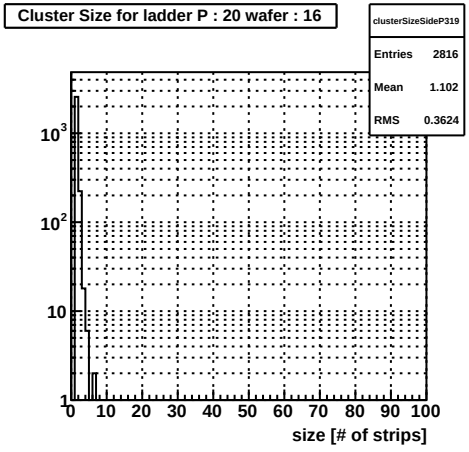

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 8553
Mean 1.145
RMS 0.4468
size [# of strips]

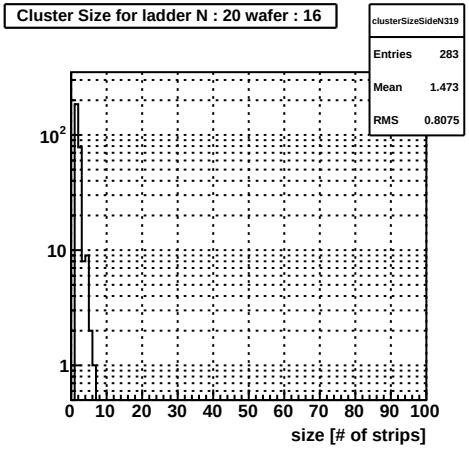

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 909
Mean 1.366
RMS 0.8424
size [# of strips]

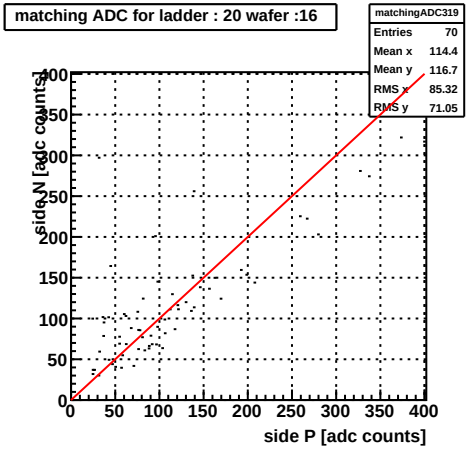

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 290
Mean x 96.01
Mean y 90.89
RMS x 71.47
RMS y 68.7
side N [adc counts]
side P [adc counts]

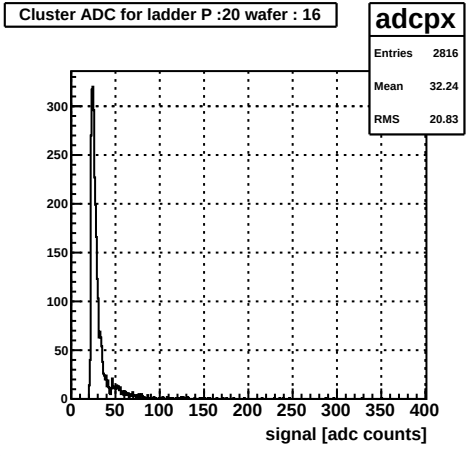

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 8553
Mean 29.58
RMS 22.34
signal [adc counts]

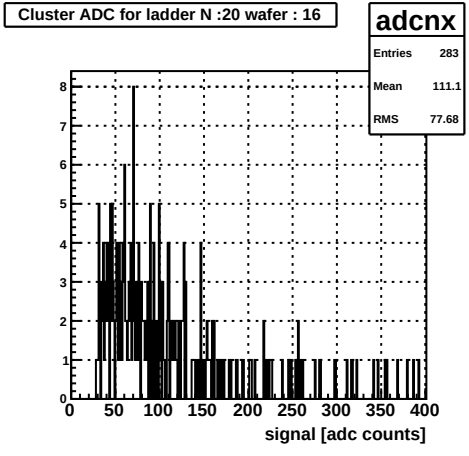

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 909
Mean 55.34
RMS 63.1
signal [adc counts]

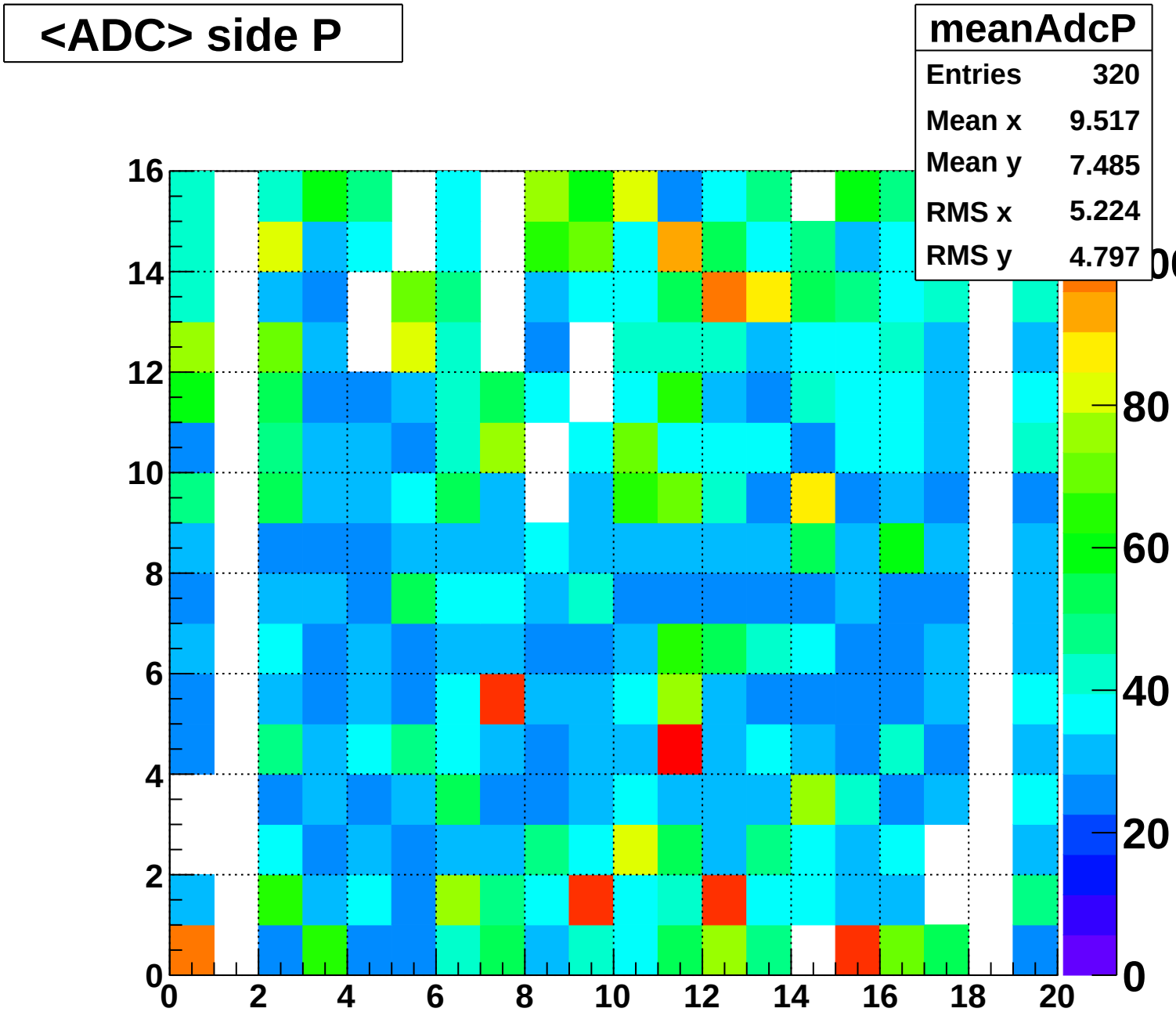

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 2816
Mean 1.102
RMS 0.3624
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 283
Mean 1.473
RMS 0.8075
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 70
Mean x 114.4
Mean y 116.7
RMS x 85.32
RMS y 71.05
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 2816
Mean 32.24
RMS 20.83
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 283
Mean 111.1
RMS 77.68
signal [adc counts]



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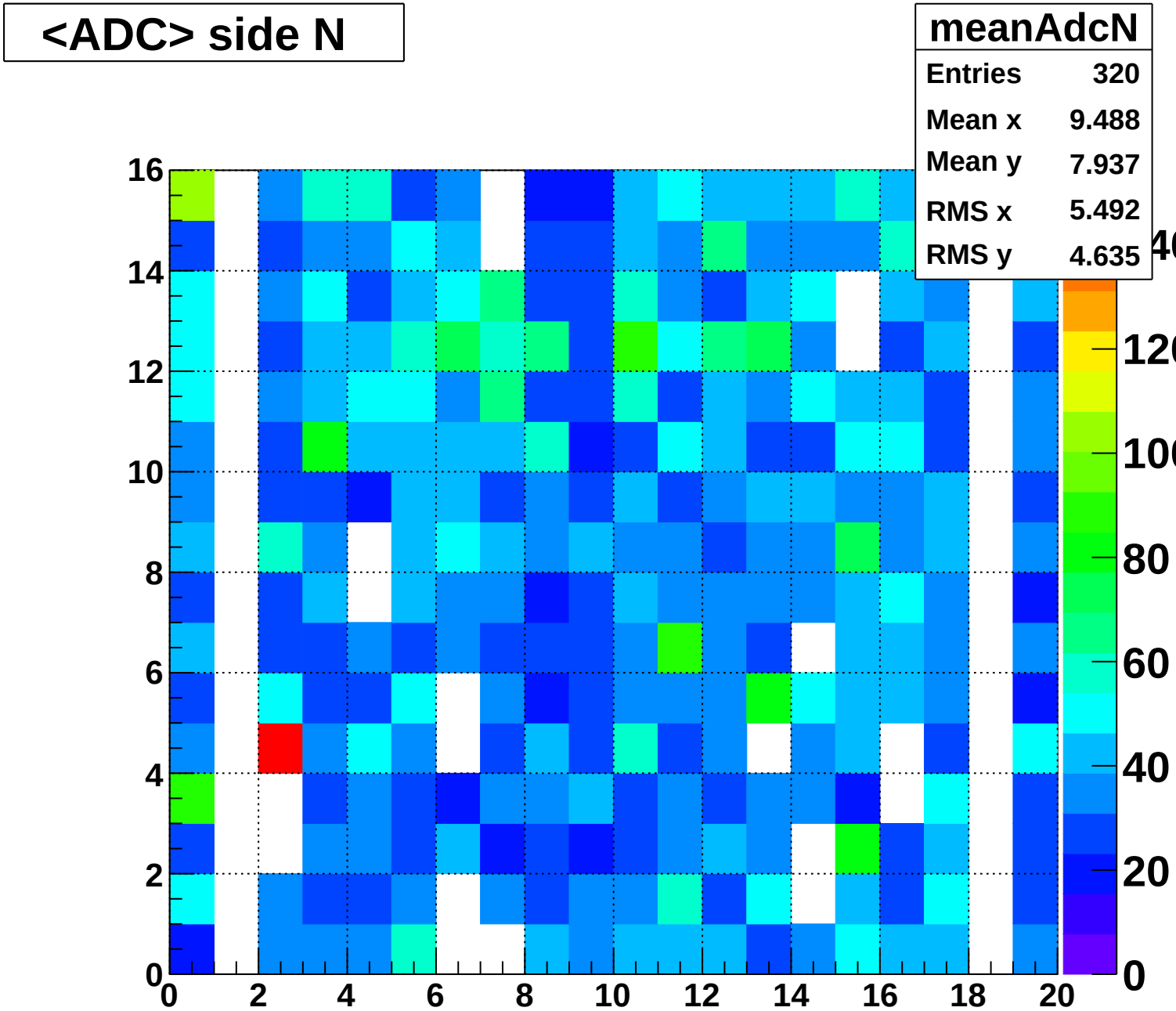

2016-05-23 23:33:48