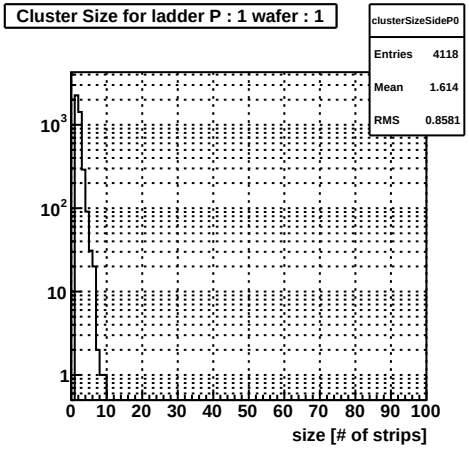
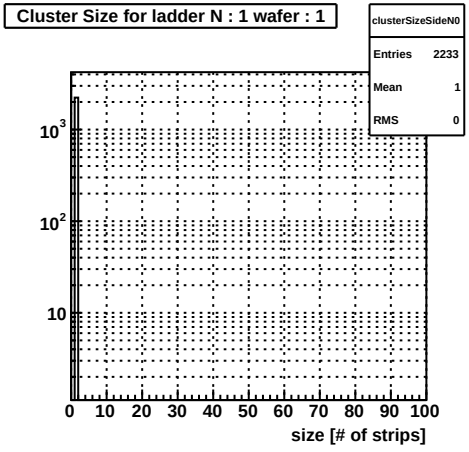
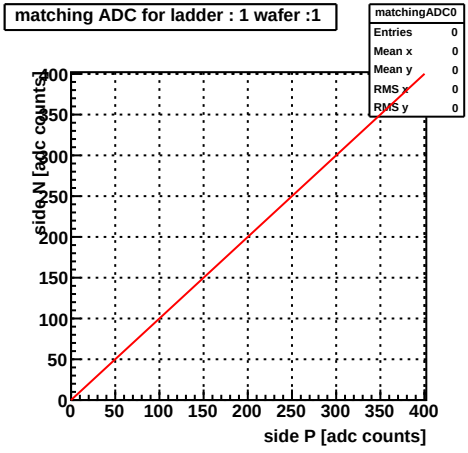
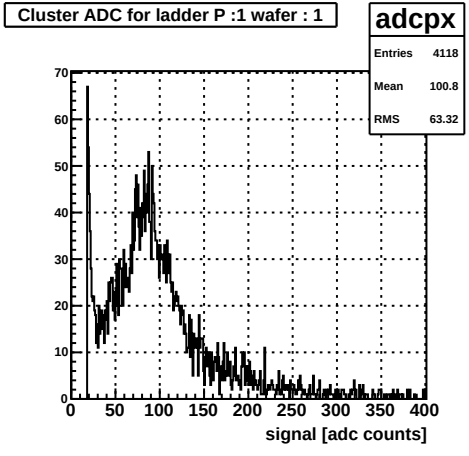
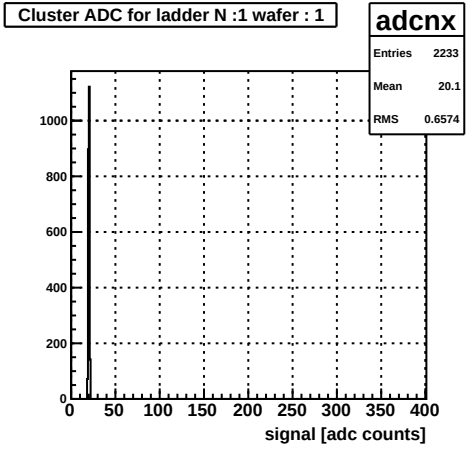
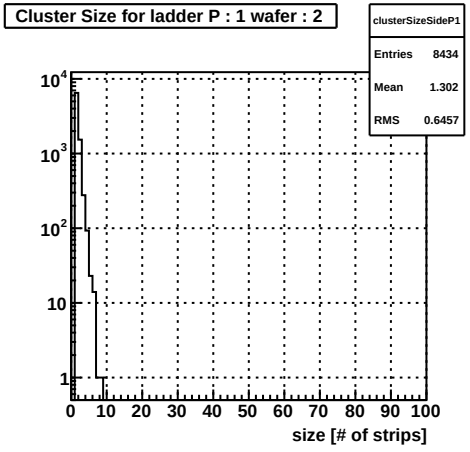

Cluster Size for ladder P : 1 wafer : 1
clusterSizeSideP0
Entries 4118
Mean 1.614
RMS 0.8581
size [# of strips]

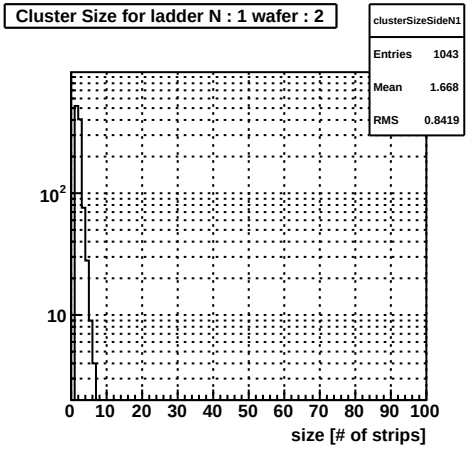

Cluster Size for ladder N : 1 wafer : 1
clusterSizeSideN0
Entries 2233
Mean 1
RMS 0
size [# of strips]

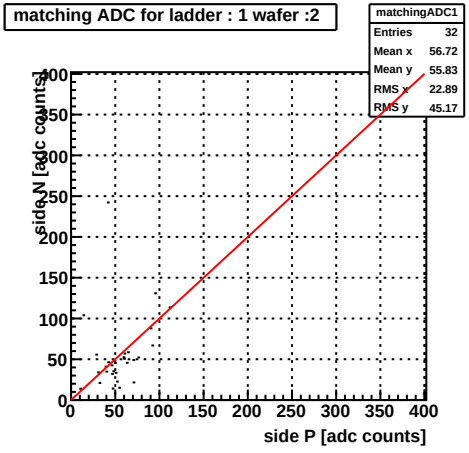

matching ADC for ladder : 1 wafer :1
matchingADC0
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

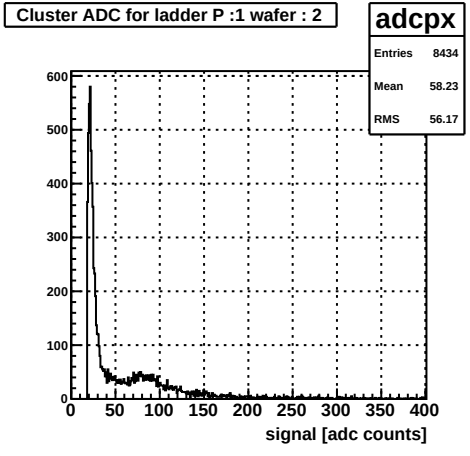

Cluster ADC for ladder P :1 wafer : 1
adcpx
Entries 4118
Mean 100.8
RMS 63.32
signal [adc counts]

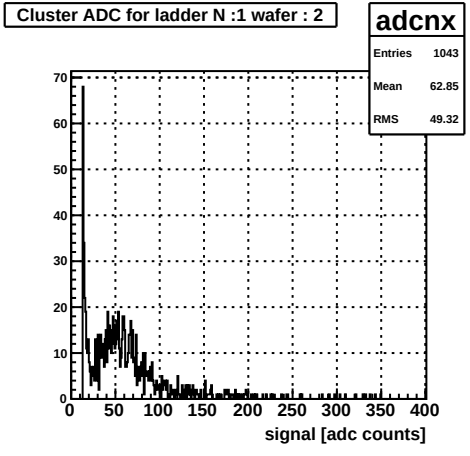

Cluster ADC for ladder N :1 wafer : 1
adcnx
Entries 2233
Mean 20.1
RMS 0.6574
signal [adc counts]

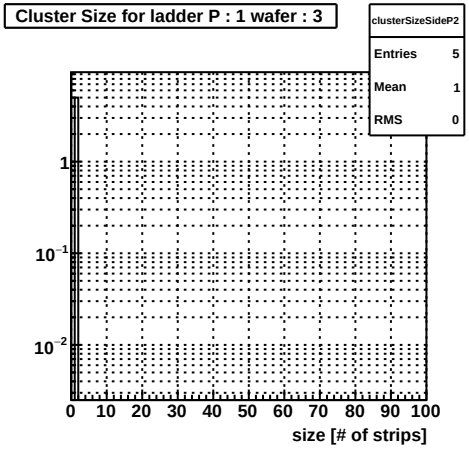

Cluster Size for ladder P : 1 wafer : 2
clusterSizeSideP1
Entries 8434
Mean 1.302
RMS 0.6457
size [# of strips]

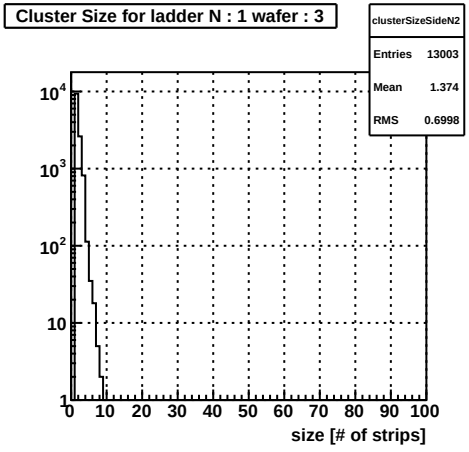

Cluster Size for ladder N : 1 wafer : 2
clusterSizeSideN1
Entries 1043
Mean 1.668
RMS 0.8419
size [# of strips]

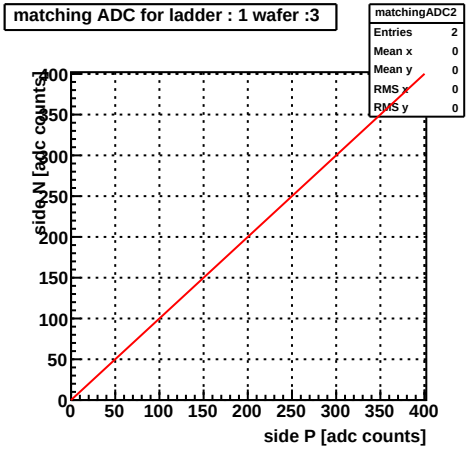

matching ADC for ladder : 1 wafer :2
matchingADC1
Entries 32
Mean x 56.72
Mean y 55.83
RMS x 22.89
RMS y 45.17
side N [adc counts]
side P [adc counts]

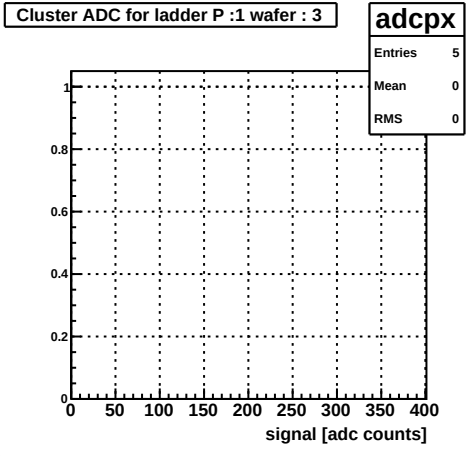

Cluster ADC for ladder P :1 wafer : 2
adcpx
Entries 8434
Mean 58.23
RMS 56.17
signal [adc counts]

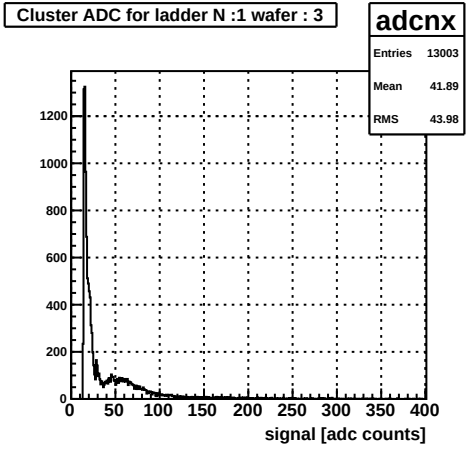

Cluster ADC for ladder N :1 wafer : 2
adcnx
Entries 1043
Mean 62.85
RMS 49.32
signal [adc counts]

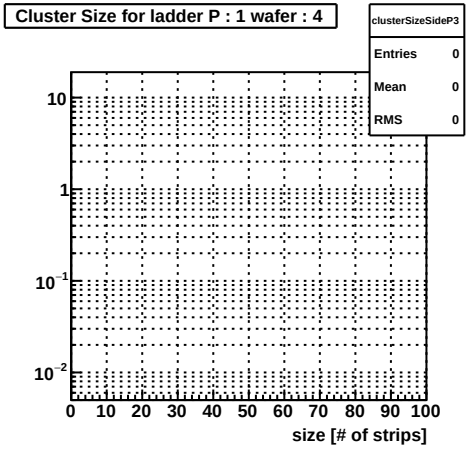

Cluster Size for ladder P : 1 wafer : 3
clusterSizeSideP2
Entries 5
Mean 1
RMS 0
size [# of strips]

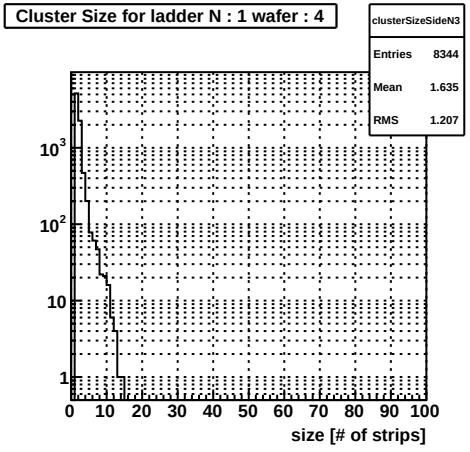

Cluster Size for ladder N : 1 wafer : 3
clusterSizeSideN2
Entries 13003
Mean 1.374
RMS 0.6998
size [# of strips]

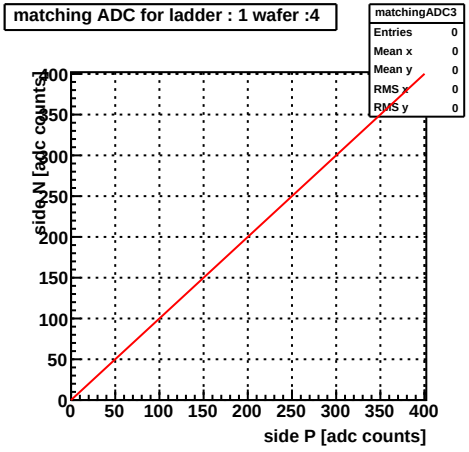

matching ADC for ladder : 1 wafer :3
matchingADC2
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

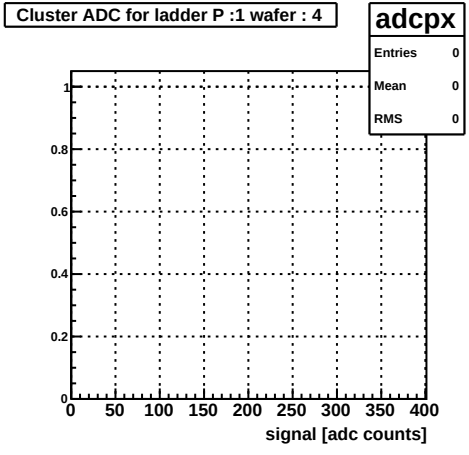

Cluster ADC for ladder P :1 wafer : 3
adcpx
Entries 5
Mean 0
RMS 0
signal [adc counts]

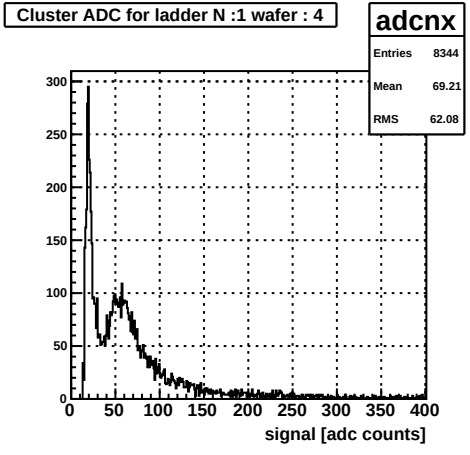

Cluster ADC for ladder N :1 wafer : 3
adcnx
Entries 13003
Mean 41.89
RMS 43.98
signal [adc counts]

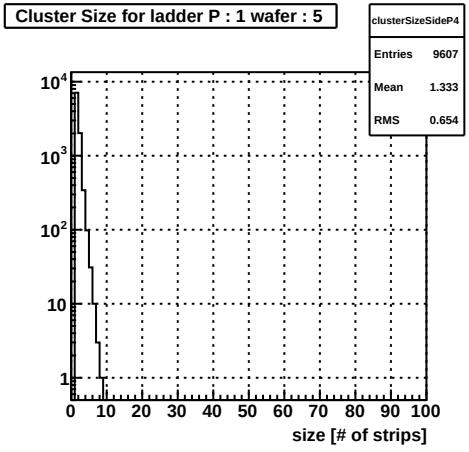

Cluster Size for ladder P : 1 wafer : 4
clusterSizeSideP3
Entries 0
Mean 0
RMS 0
size [# of strips]

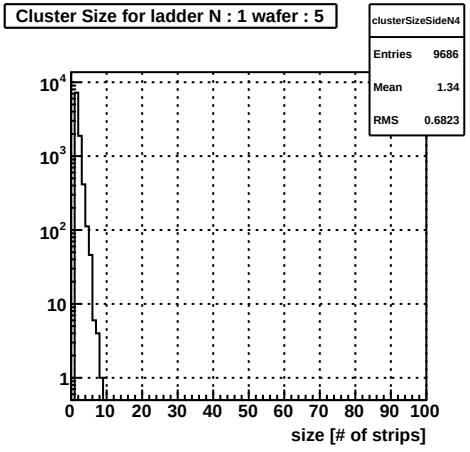

Cluster Size for ladder N : 1 wafer : 4
clusterSizeSideN3
Entries 8344
Mean 1.635
RMS 1.207
size [# of strips]

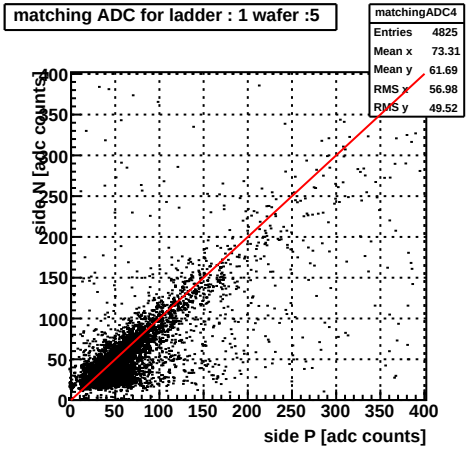

matching ADC for ladder : 1 wafer :4
matchingADC3
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

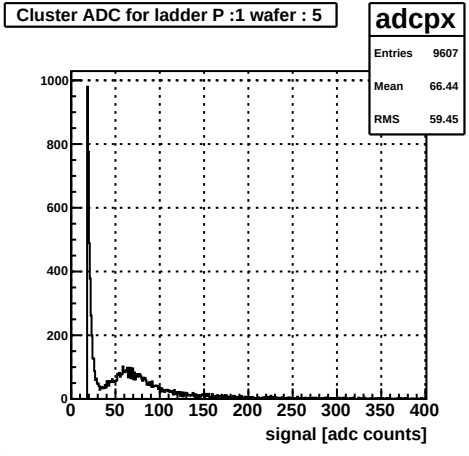

Cluster ADC for ladder P :1 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

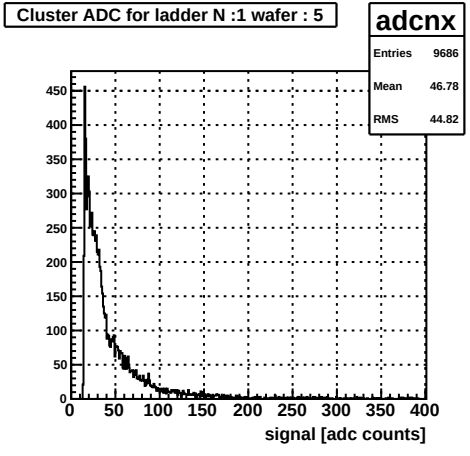

Cluster ADC for ladder N :1 wafer : 4
adcnx
Entries 8344
Mean 69.21
RMS 62.08
signal [adc counts]

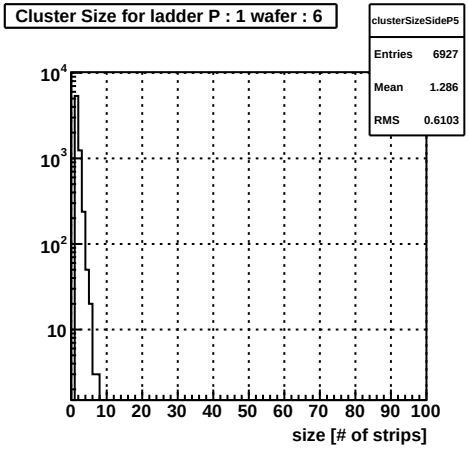

Cluster Size for ladder P : 1 wafer : 5
clusterSizeSideP4
Entries 9607
Mean 1.333
RMS 0.654
size [# of strips]

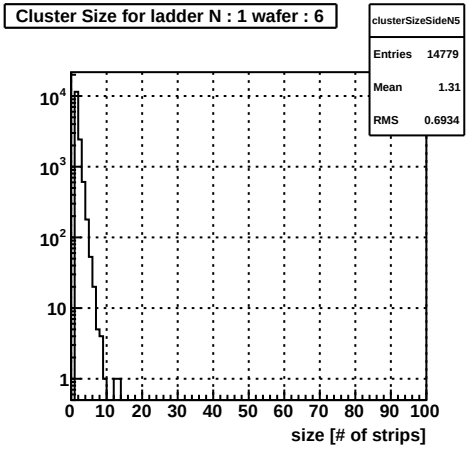

Cluster Size for ladder N : 1 wafer : 5
clusterSizeSideN4
Entries 9686
Mean 1.34
RMS 0.6823
size [# of strips]

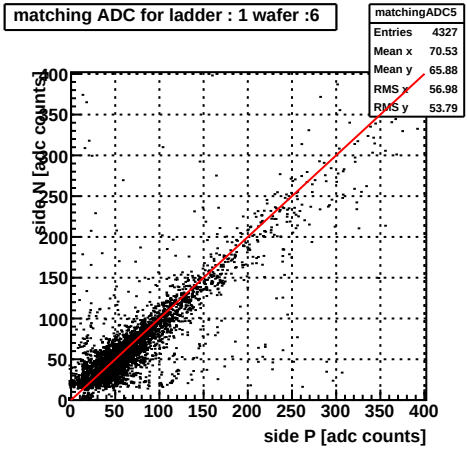

matching ADC for ladder : 1 wafer :5
matchingADC4
Entries 4825
Mean x 73.31
Mean y 61.69
RMS x 56.98
RMS y 49.52
side N [adc counts]
side P [adc counts]

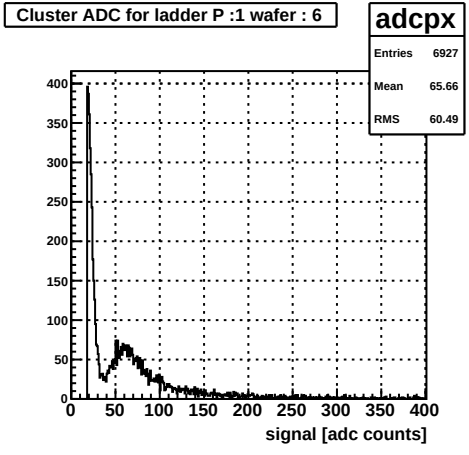

Cluster ADC for ladder P :1 wafer : 5
adcpx
Entries 9607
Mean 66.44
RMS 59.45
signal [adc counts]

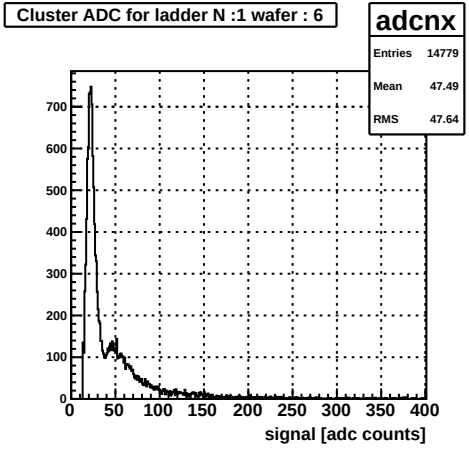

Cluster ADC for ladder N :1 wafer : 5
adcnx
Entries 9686
Mean 46.78
RMS 44.82
signal [adc counts]

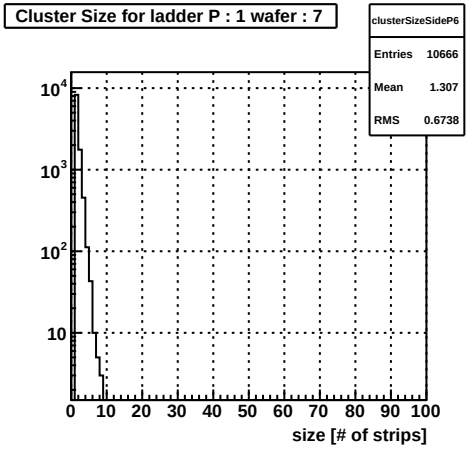

Cluster Size for ladder P : 1 wafer : 6
clusterSizeSideP5
Entries 6927
Mean 1.286
RMS 0.6103
size [# of strips]

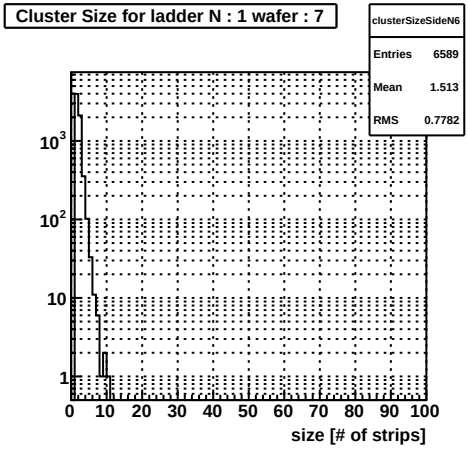

Cluster Size for ladder N : 1 wafer : 6
clusterSizeSideN5
Entries 14779
Mean 1.31
RMS 0.6934
size [# of strips]

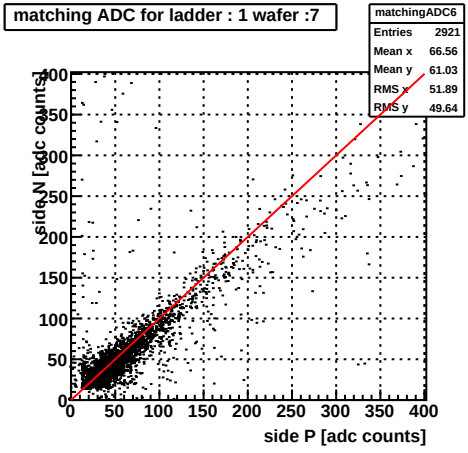

matching ADC for ladder : 1 wafer :6
matchingADC5
Entries 4327
Mean x 70.53
Mean y 65.88
RMS x 56.98
RMS y 53.79
side N [adc counts]
side P [adc counts]

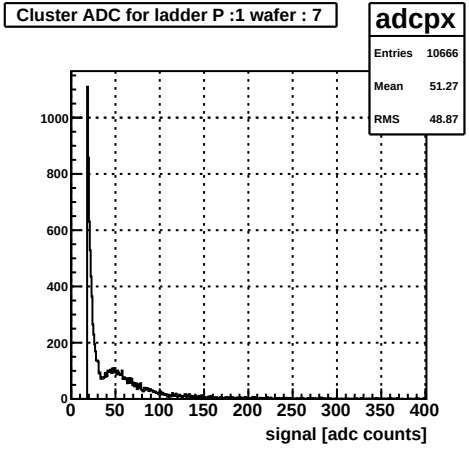

Cluster ADC for ladder P :1 wafer : 6
adcpx
Entries 6927
Mean 65.66
RMS 60.49
signal [adc counts]

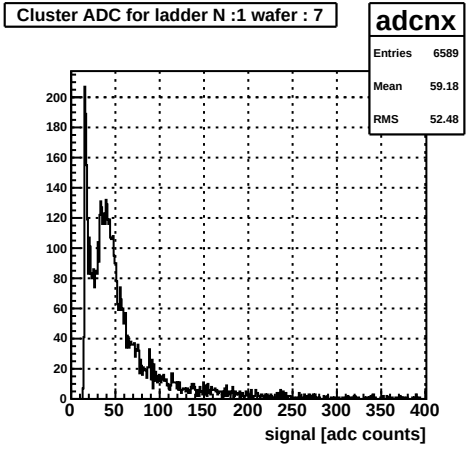

Cluster ADC for ladder N :1 wafer : 6
adcnx
Entries 14779
Mean 47.49
RMS 47.64
signal [adc counts]

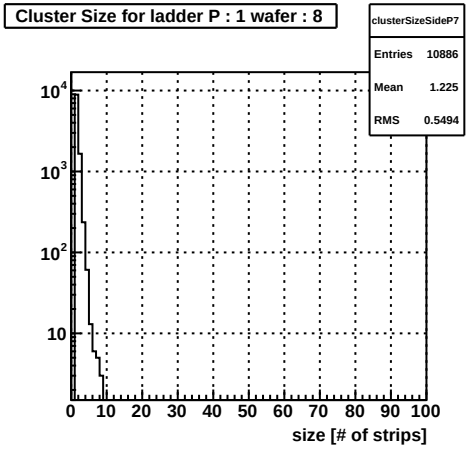

Cluster Size for ladder P : 1 wafer : 7
clusterSizeSideP6
Entries 10666
Mean 1.307
RMS 0.6738
size [# of strips]

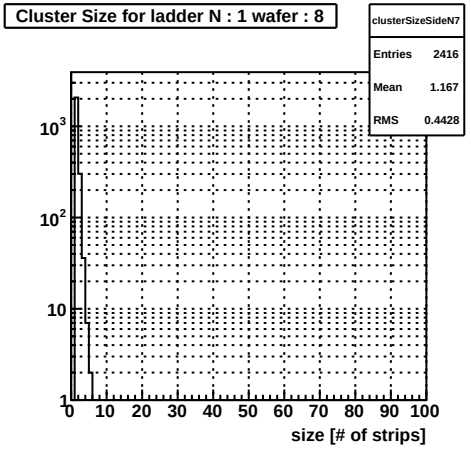

Cluster Size for ladder N : 1 wafer : 7
clusterSizeSideN6
Entries 6589
Mean 1.513
RMS 0.7782
size [# of strips]

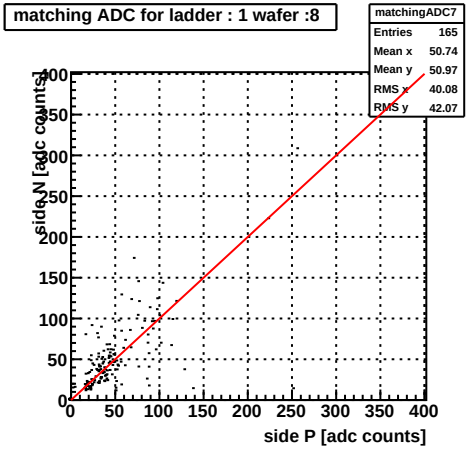

matching ADC for ladder : 1 wafer :7
matchingADC6
Entries 2921
Mean x 66.56
Mean y 61.03
RMS x 51.89
RMS y 49.64
side N [adc counts]
side P [adc counts]

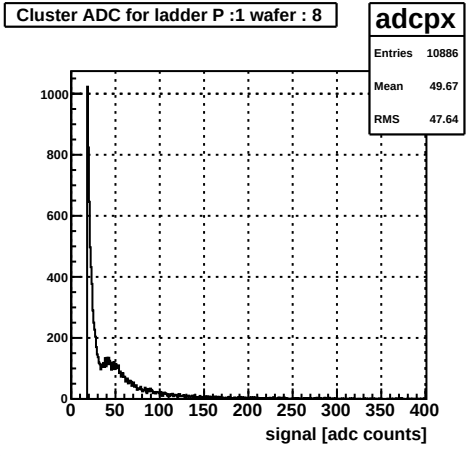

Cluster ADC for ladder P :1 wafer : 7
adcpx
Entries 10666
Mean 51.27
RMS 48.87
signal [adc counts]

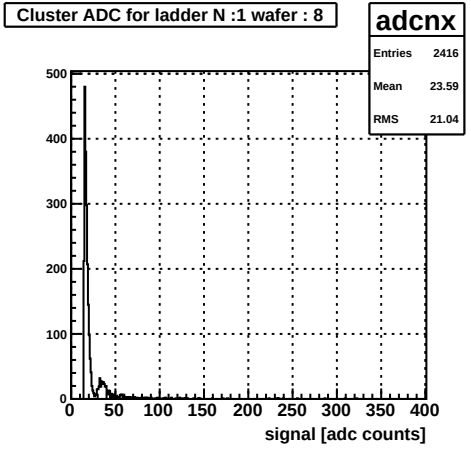

Cluster ADC for ladder N :1 wafer : 7
adcnx
Entries 6589
Mean 59.18
RMS 52.48
signal [adc counts]

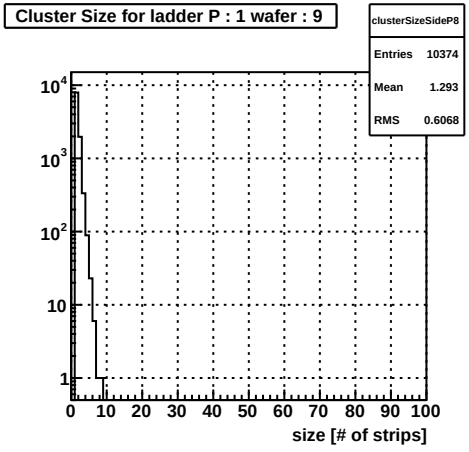

Cluster Size for ladder P : 1 wafer : 8
clusterSizeSideP7
Entries 10886
Mean 1.225
RMS 0.5494
size [# of strips]

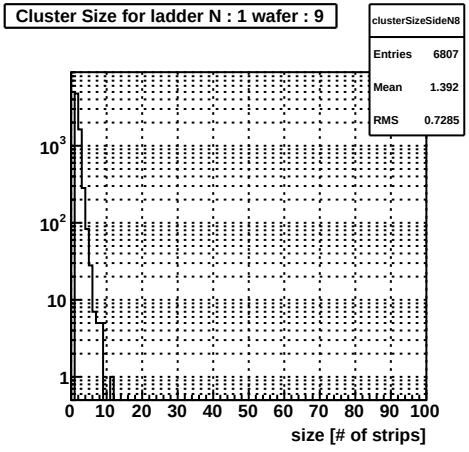

Cluster Size for ladder N : 1 wafer : 8
clusterSizeSideN7
Entries 2416
Mean 1.167
RMS 0.4428
size [# of strips]

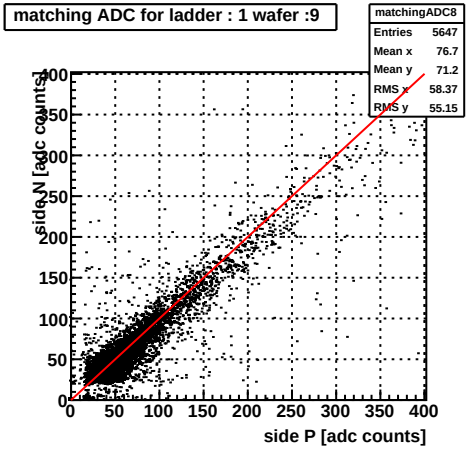

matching ADC for ladder : 1 wafer :8
matchingADC7
Entries 165
Mean x 50.74
Mean y 50.97
RMS x 40.08
RMS y 42.07
side N [adc counts]
side P [adc counts]

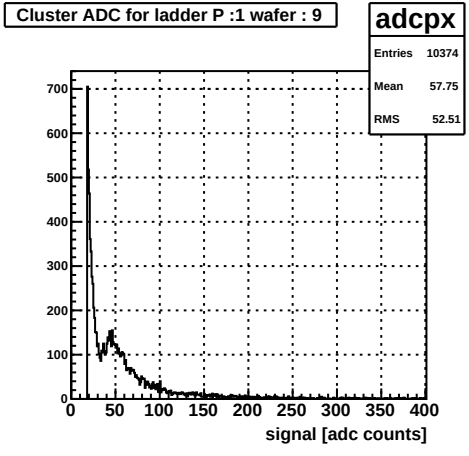

Cluster ADC for ladder P :1 wafer : 8
adcpx
Entries 10886
Mean 49.67
RMS 47.64
signal [adc counts]

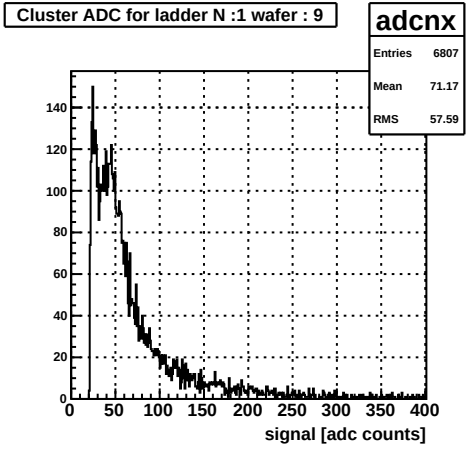

Cluster ADC for ladder N :1 wafer : 8
adcnx
Entries 2416
Mean 23.59
RMS 21.04
signal [adc counts]

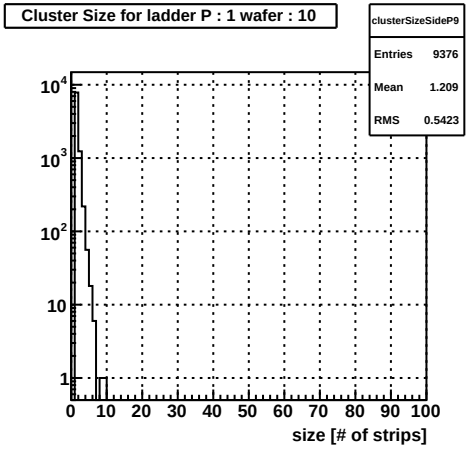

Cluster Size for ladder P : 1 wafer : 9
clusterSizeSideP8
Entries 10374
Mean 1.293
RMS 0.6068
size [# of strips]

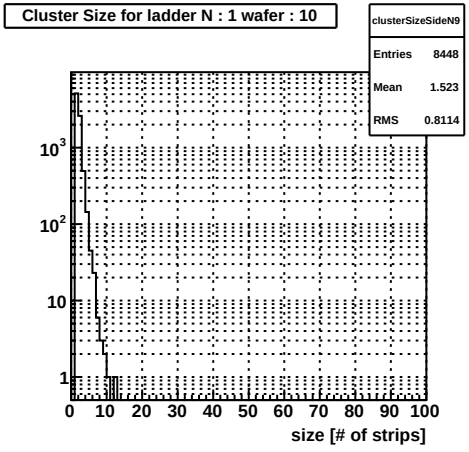

Cluster Size for ladder N : 1 wafer : 9
clusterSizeSideN8
Entries 6807
Mean 1.392
RMS 0.7285
size [# of strips]

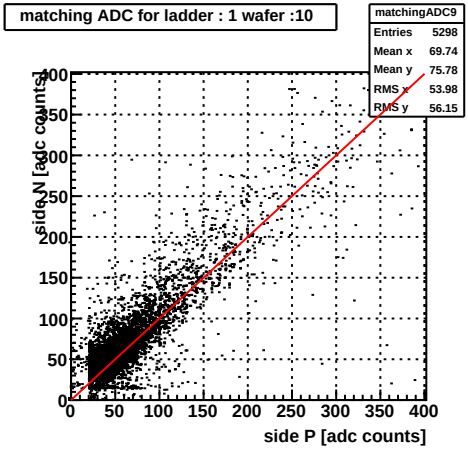

matching ADC for ladder : 1 wafer :9
matchingADC8
Entries 5647
Mean x 76.7
Mean y 71.2
RMS x 58.37
RMS y 55.15
side N [adc counts]
side P [adc counts]

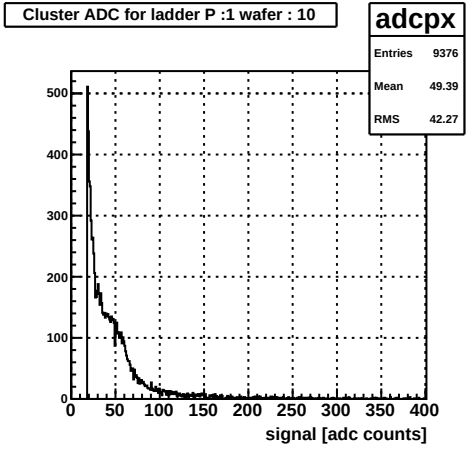

Cluster ADC for ladder P :1 wafer : 9
adcpx
Entries 10374
Mean 57.75
RMS 52.51
signal [adc counts]

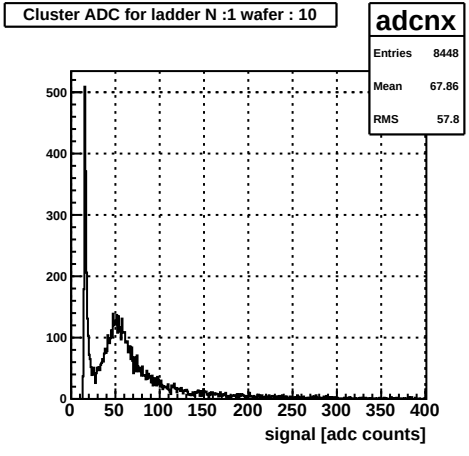

Cluster ADC for ladder N :1 wafer : 9
adcnx
Entries 6807
Mean 71.17
RMS 57.59
signal [adc counts]

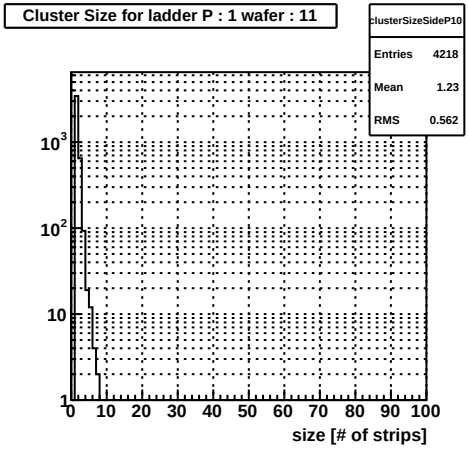

Cluster Size for ladder P : 1 wafer : 10
clusterSizeSideP9
Entries 9376
Mean 1.209
RMS 0.5423
size [# of strips]

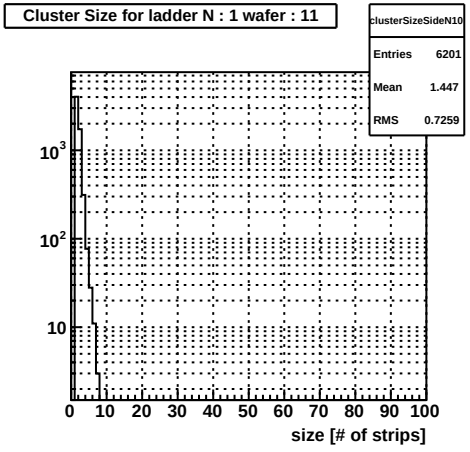

Cluster Size for ladder N : 1 wafer : 10
clusterSizeSideN9
Entries 8448
Mean 1.523
RMS 0.8114
size [# of strips]

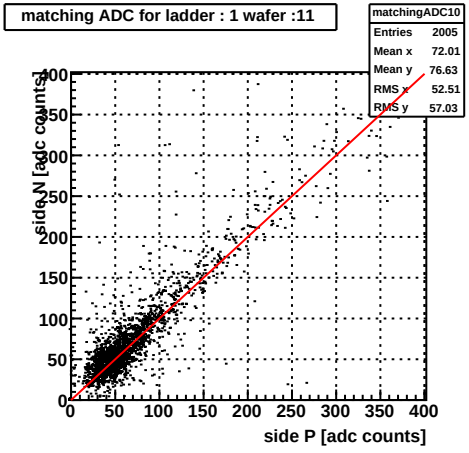

matching ADC for ladder : 1 wafer :10
matchingADC9
Entries 5298
Mean x 69.74
Mean y 75.78
RMS x 53.98
RMS y 56.15
side N [adc counts]
side P [adc counts]

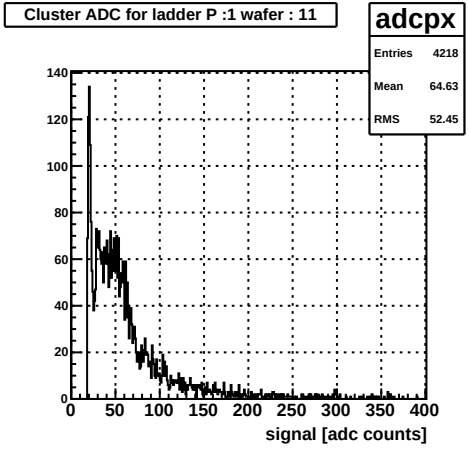

Cluster ADC for ladder P :1 wafer : 10
adcpx
Entries 9376
Mean 49.39
RMS 42.27
signal [adc counts]

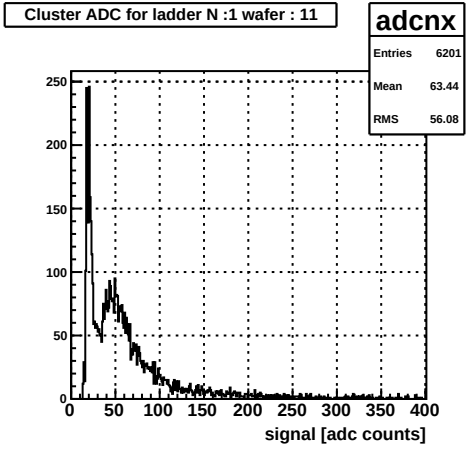

Cluster ADC for ladder N :1 wafer : 10
adcnx
Entries 8448
Mean 67.86
RMS 57.8
signal [adc counts]

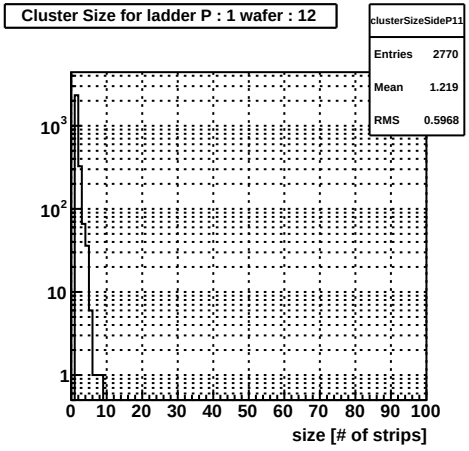

Cluster Size for ladder P : 1 wafer : 11
clusterSizeSideP10
Entries 4218
Mean 1.23
RMS 0.562
size [# of strips]

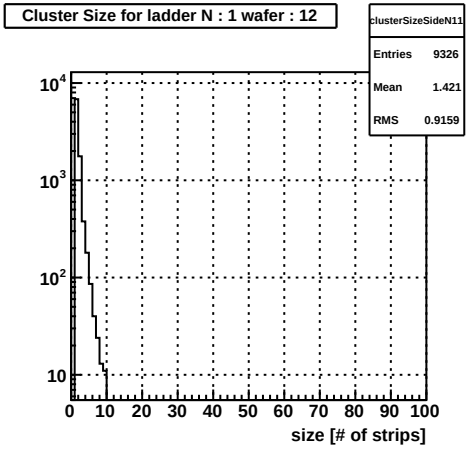

Cluster Size for ladder N : 1 wafer : 11
clusterSizeSideN10
Entries 6201
Mean 1.447
RMS 0.7259
size [# of strips]

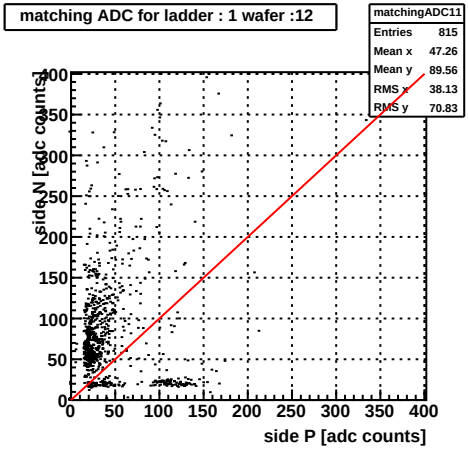

matching ADC for ladder : 1 wafer :11
matchingADC10
Entries 2005
Mean x 72.01
Mean y 76.63
RMS x 52.51
RMS y 57.03
side N [adc counts]
side P [adc counts]

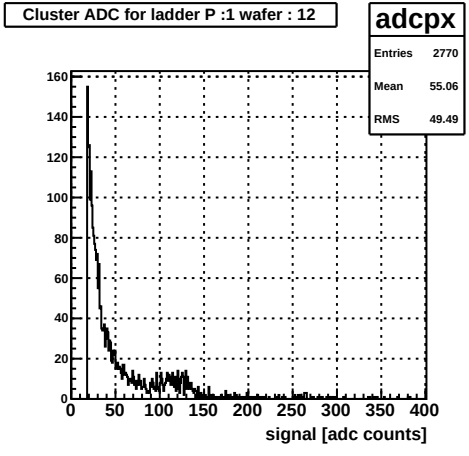

Cluster ADC for ladder P :1 wafer : 11
adcpx
Entries 4218
Mean 64.63
RMS 52.45
signal [adc counts]

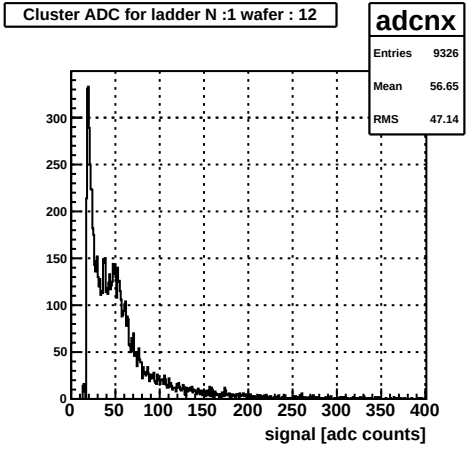

Cluster ADC for ladder N :1 wafer : 11
adcnx
Entries 6201
Mean 63.44
RMS 56.08
signal [adc counts]

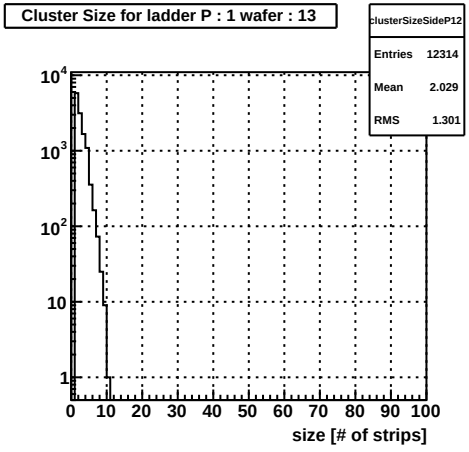

Cluster Size for ladder P : 1 wafer : 12
clusterSizeSideP11
Entries 2770
Mean 1.219
RMS 0.5968
size [# of strips]

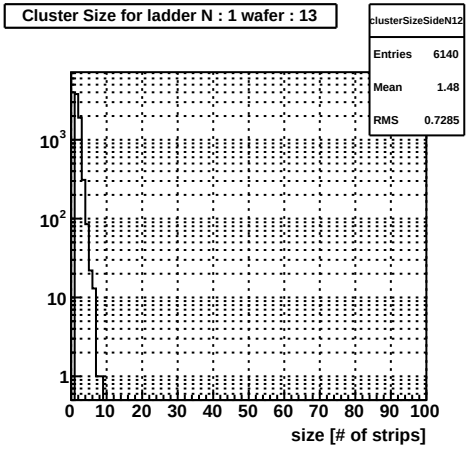

Cluster Size for ladder N : 1 wafer : 12
clusterSizeSideN11
Entries 9326
Mean 1.421
RMS 0.9159
size [# of strips]

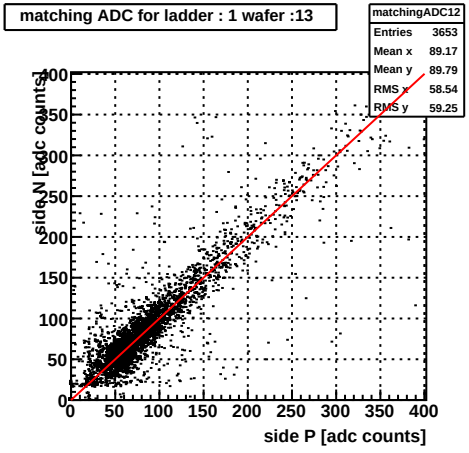

matching ADC for ladder : 1 wafer :12
matchingADC11
Entries 815
Mean x 47.26
Mean y 89.56
RMS x 38.13
RMS y 70.83
side N [adc counts]
side P [adc counts]

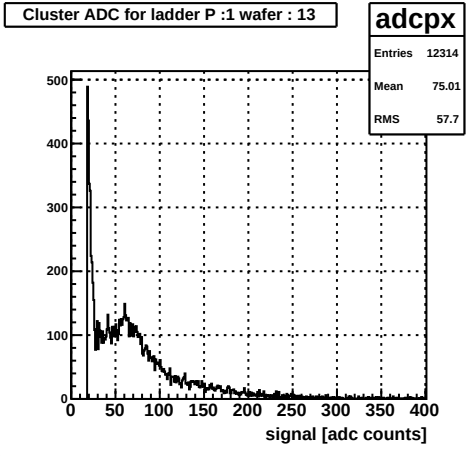

Cluster ADC for ladder P :1 wafer : 12
adcpx
Entries 2770
Mean 55.06
RMS 49.49
signal [adc counts]

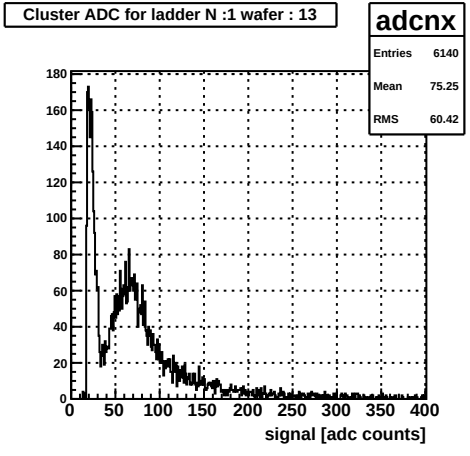

Cluster ADC for ladder N :1 wafer : 12
adcnx
Entries 9326
Mean 56.65
RMS 47.14
signal [adc counts]

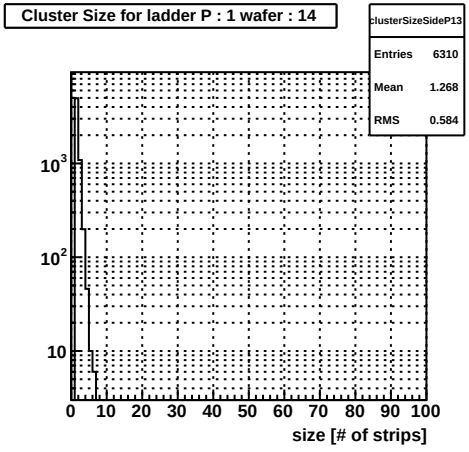

Cluster Size for ladder P : 1 wafer : 13
clusterSizeSideP12
Entries 12314
Mean 2.029
RMS 1.301
size [# of strips]

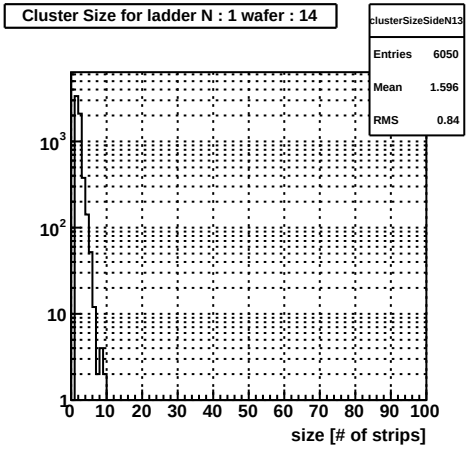

Cluster Size for ladder N : 1 wafer : 13
clusterSizeSideN12
Entries 6140
Mean 1.48
RMS 0.7285
size [# of strips]

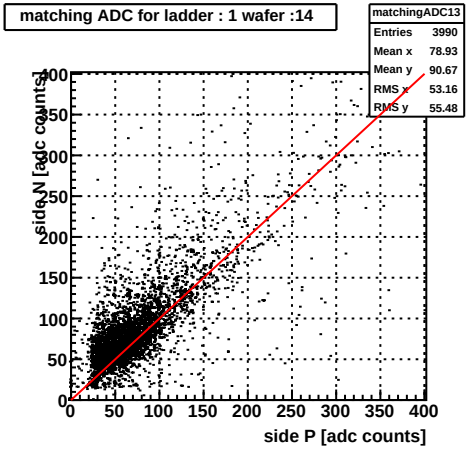

matching ADC for ladder : 1 wafer :13
matchingADC12
Entries 3653
Mean x 89.17
Mean y 89.79
RMS x 58.54
RMS y 59.25
side N [adc counts]
side P [adc counts]

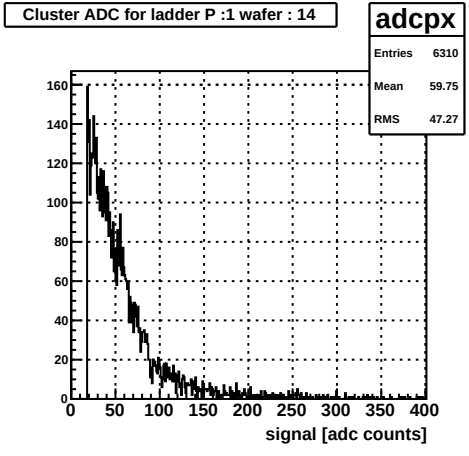

Cluster ADC for ladder P :1 wafer : 13
adcpx
Entries 12314
Mean 75.01
RMS 57.7
signal [adc counts]

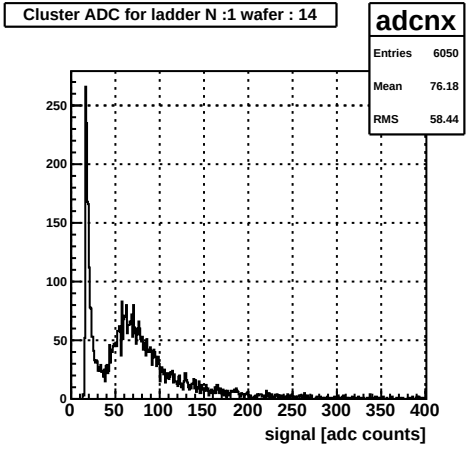

Cluster ADC for ladder N :1 wafer : 13
adcnx
Entries 6140
Mean 75.25
RMS 60.42
signal [adc counts]

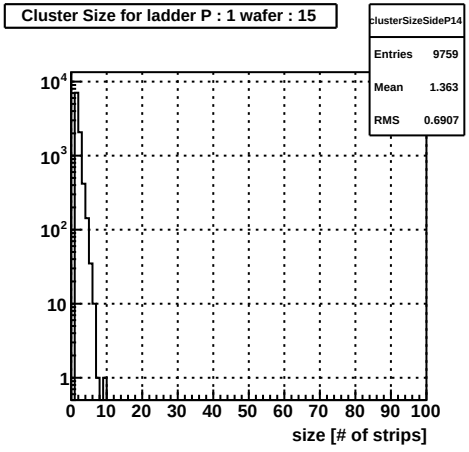

Cluster Size for ladder P : 1 wafer : 14
clusterSizeSideP13
Entries 6310
Mean 1.268
RMS 0.584
size [# of strips]

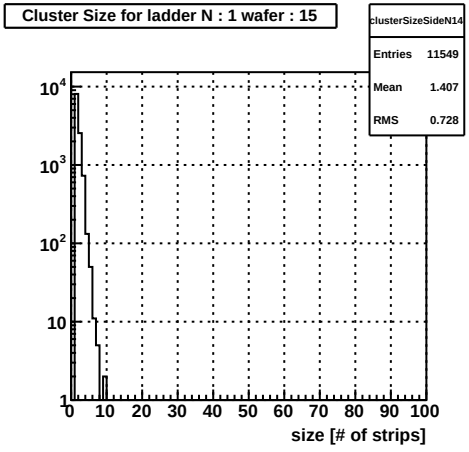

Cluster Size for ladder N : 1 wafer : 14
clusterSizeSideN13
Entries 6050
Mean 1.596
RMS 0.84
size [# of strips]

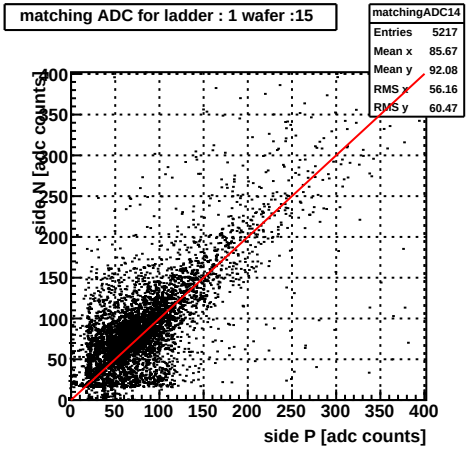

matching ADC for ladder : 1 wafer :14
matchingADC13
Entries 3990
Mean x 78.93
Mean y 90.67
RMS x 53.16
RMS y 55.48
side N [adc counts]
side P [adc counts]

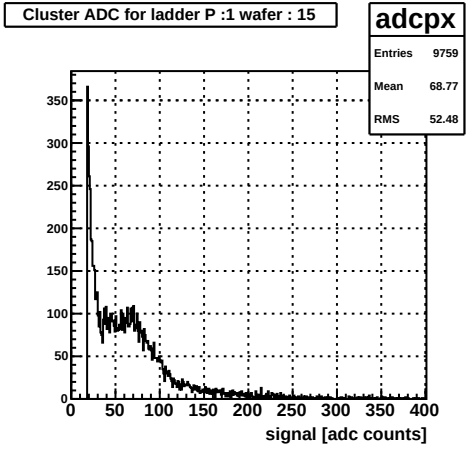

Cluster ADC for ladder P :1 wafer : 14
adcpx
Entries 6310
Mean 59.75
RMS 47.27
signal [adc counts]

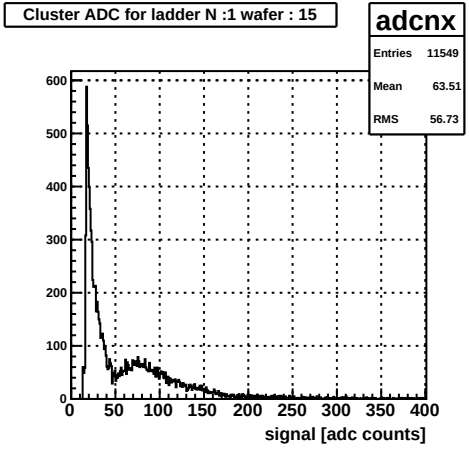

Cluster ADC for ladder N :1 wafer : 14
adcnx
Entries 6050
Mean 76.18
RMS 58.44
signal [adc counts]

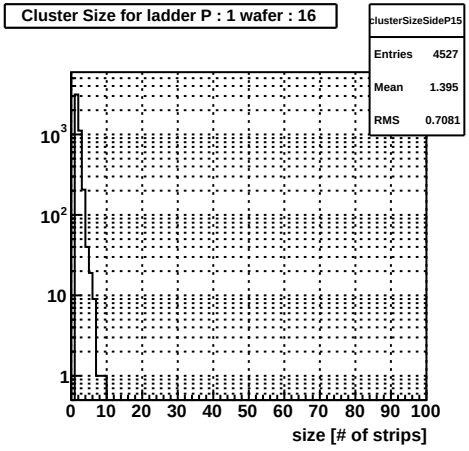

Cluster Size for ladder P : 1 wafer : 15
clusterSizeSideP14
Entries 9759
Mean 1.363
RMS 0.6907
size [# of strips]

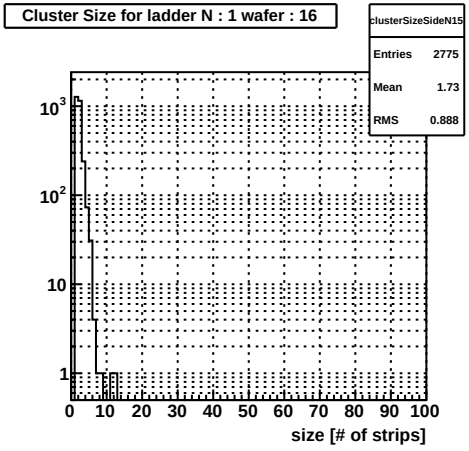

Cluster Size for ladder N : 1 wafer : 15
clusterSizeSideN14
Entries 11549
Mean 1.407
RMS 0.728
size [# of strips]

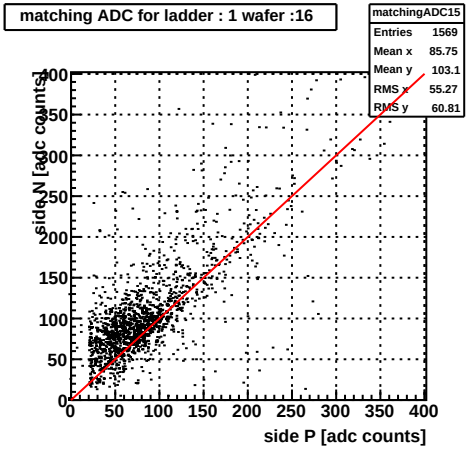

matching ADC for ladder : 1 wafer :15
matchingADC14
Entries 5217
Mean x 85.67
Mean y 92.08
RMS x 56.16
RMS y 60.47
side N [adc counts]
side P [adc counts]

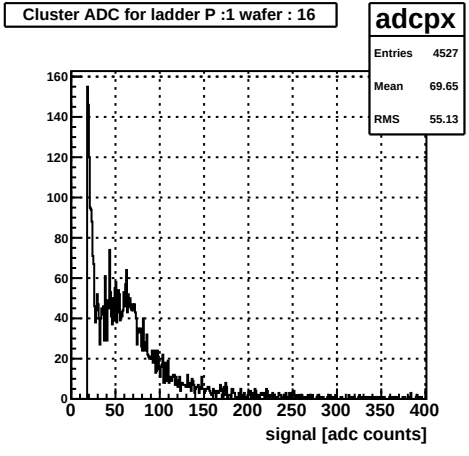

Cluster ADC for ladder P :1 wafer : 15
adcpx
Entries 9759
Mean 68.77
RMS 52.48
signal [adc counts]

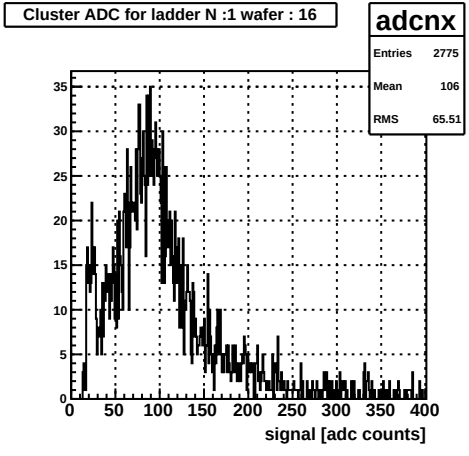

Cluster ADC for ladder N :1 wafer : 15
adcnx
Entries 11549
Mean 63.51
RMS 56.73
signal [adc counts]

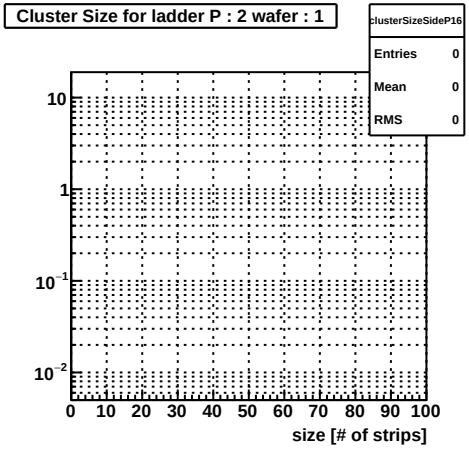

Cluster Size for ladder P : 1 wafer : 16
clusterSizeSideP15
Entries 4527
Mean 1.395
RMS 0.7081
size [# of strips]

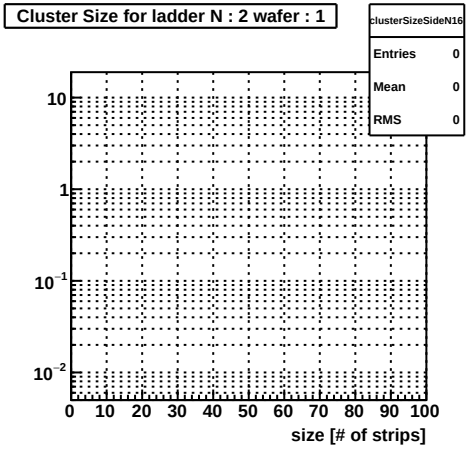

Cluster Size for ladder N : 1 wafer : 16
clusterSizeSideN15
Entries 2775
Mean 1.73
RMS 0.888
size [# of strips]

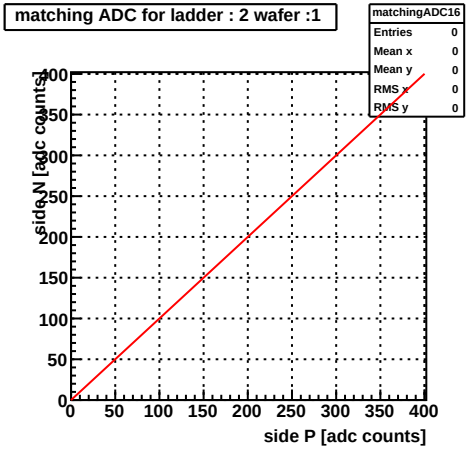

matching ADC for ladder : 1 wafer :16
matchingADC15
Entries 1569
Mean x 85.75
Mean y 103.1
RMS x 55.27
RMS y 60.81
side N [adc counts]
side P [adc counts]

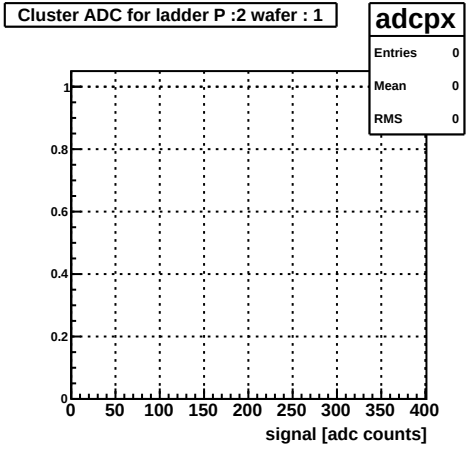

Cluster ADC for ladder P :1 wafer : 16
adcpx
Entries 4527
Mean 69.65
RMS 55.13
signal [adc counts]

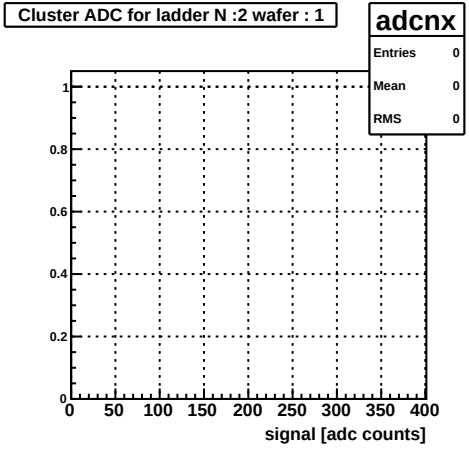

Cluster ADC for ladder N :1 wafer : 16
adcnx
Entries 2775
Mean 106
RMS 65.51
signal [adc counts]

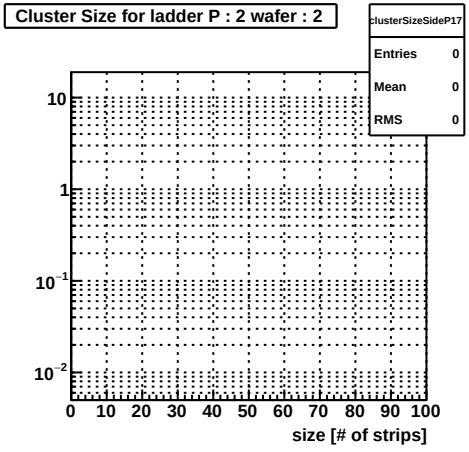

Cluster Size for ladder P : 2 wafer : 1
clusterSizeSideP16
Entries 0
Mean 0
RMS 0
size [# of strips]

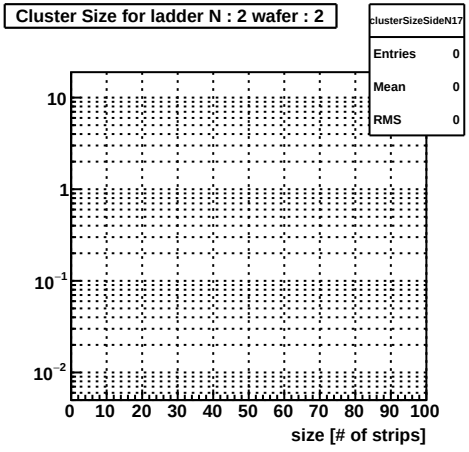

Cluster Size for ladder N : 2 wafer : 1
clusterSizeSideN16
Entries 0
Mean 0
RMS 0
size [# of strips]

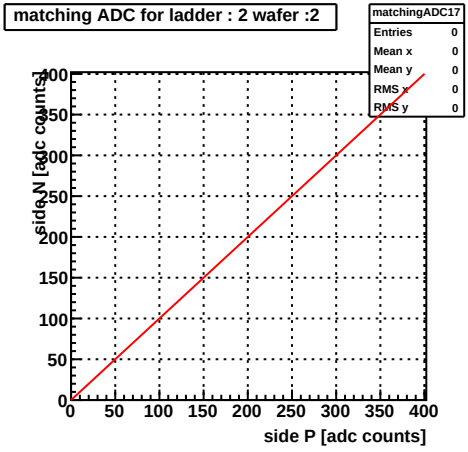

matching ADC for ladder : 2 wafer :1
matchingADC16
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

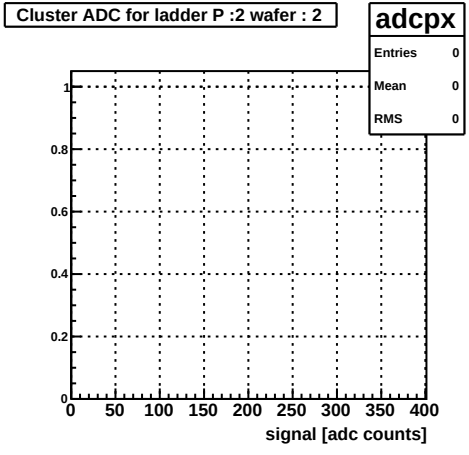

Cluster ADC for ladder P :2 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

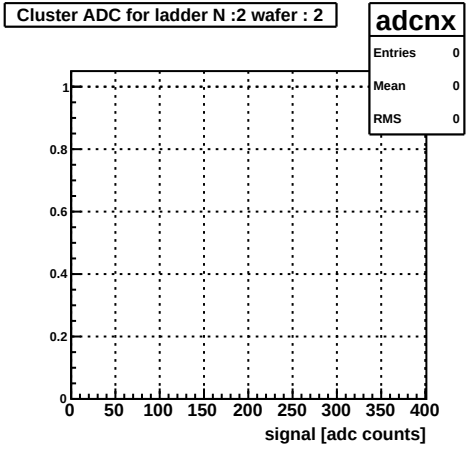

Cluster ADC for ladder N :2 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

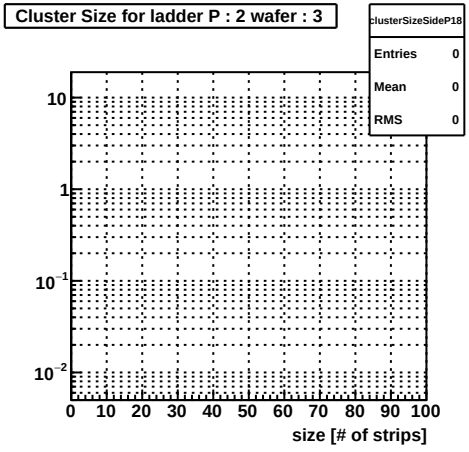

Cluster Size for ladder P : 2 wafer : 2
clusterSizeSideP17
Entries 0
Mean 0
RMS 0
size [# of strips]

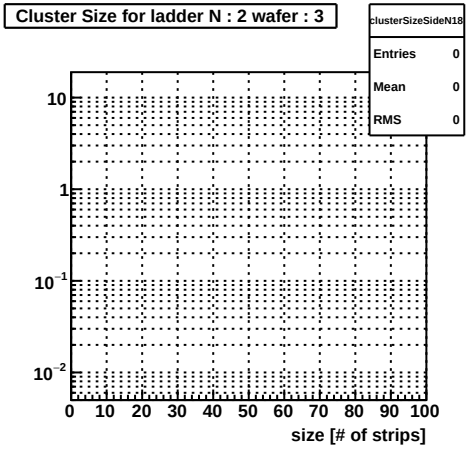

Cluster Size for ladder N : 2 wafer : 2
clusterSizeSideN17
Entries 0
Mean 0
RMS 0
size [# of strips]

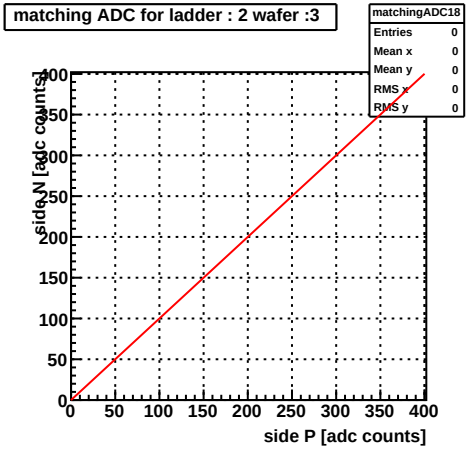

matching ADC for ladder : 2 wafer :2
matchingADC17
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

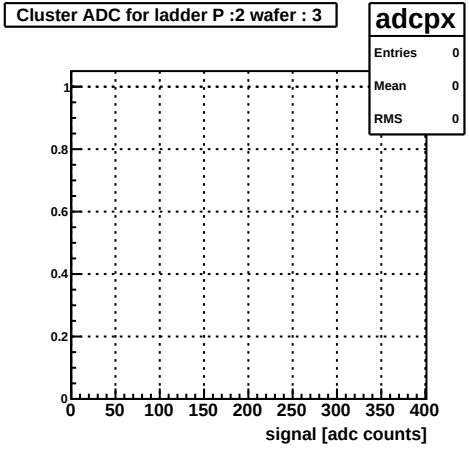

Cluster ADC for ladder P :2 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

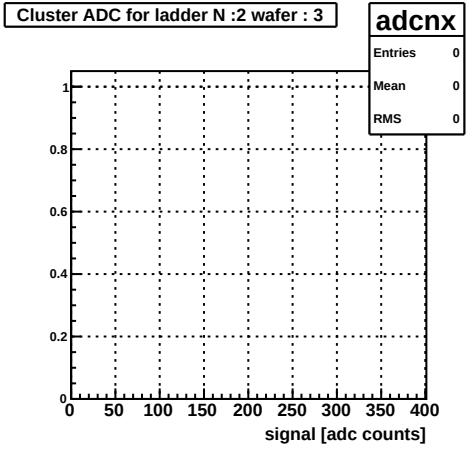

Cluster ADC for ladder N :2 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

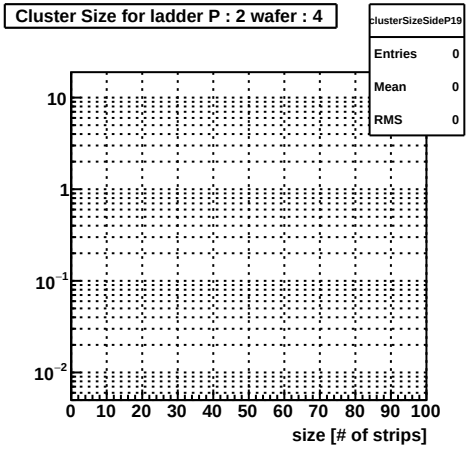

Cluster Size for ladder P : 2 wafer : 3
clusterSizeSideP18
Entries 0
Mean 0
RMS 0
size [# of strips]

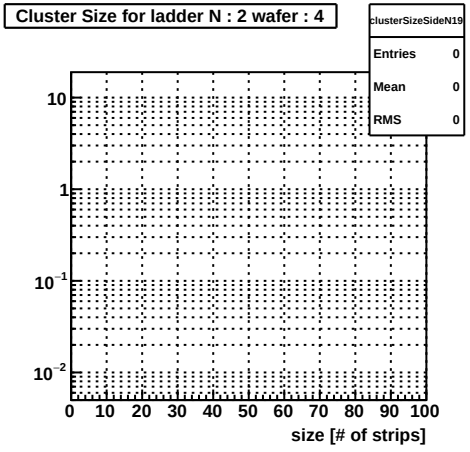

Cluster Size for ladder N : 2 wafer : 3
clusterSizeSideN18
Entries 0
Mean 0
RMS 0
size [# of strips]

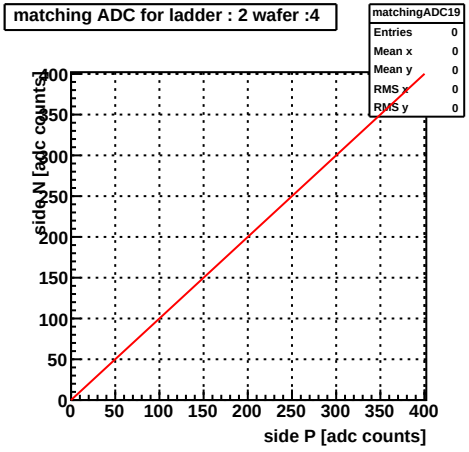

matching ADC for ladder : 2 wafer :3
matchingADC18
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

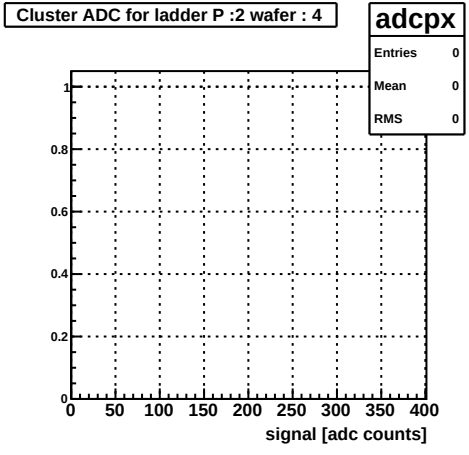

Cluster ADC for ladder P :2 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

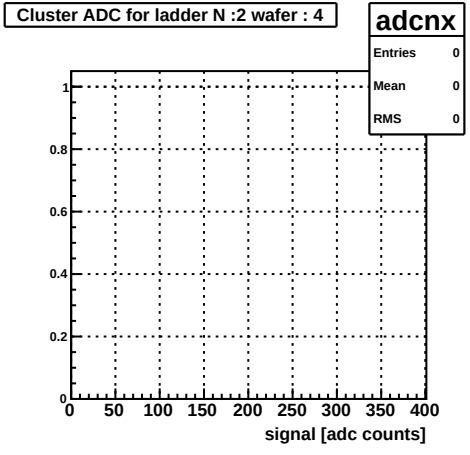

Cluster ADC for ladder N :2 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

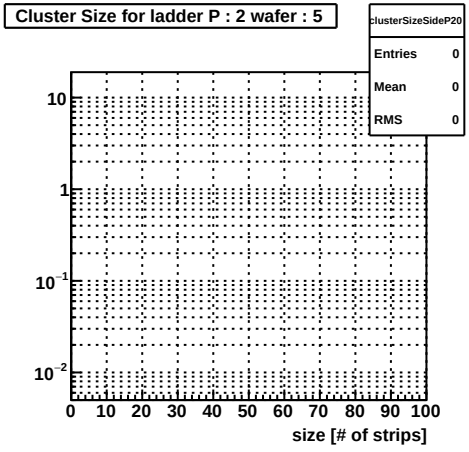

Cluster Size for ladder P : 2 wafer : 4
clusterSizeSideP19
Entries 0
Mean 0
RMS 0
size [# of strips]

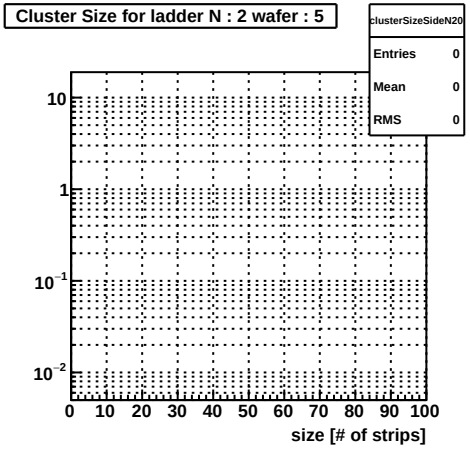

Cluster Size for ladder N : 2 wafer : 4
clusterSizeSideN19
Entries 0
Mean 0
RMS 0
size [# of strips]

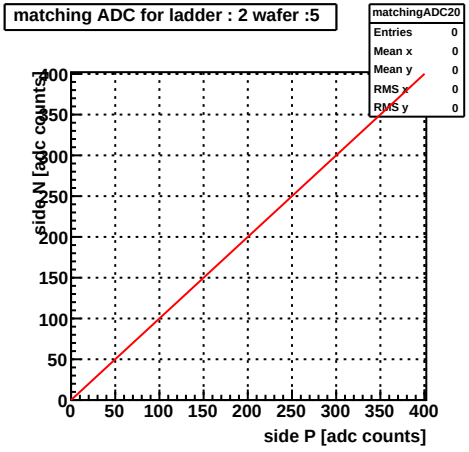

matching ADC for ladder : 2 wafer :4
matchingADC19
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

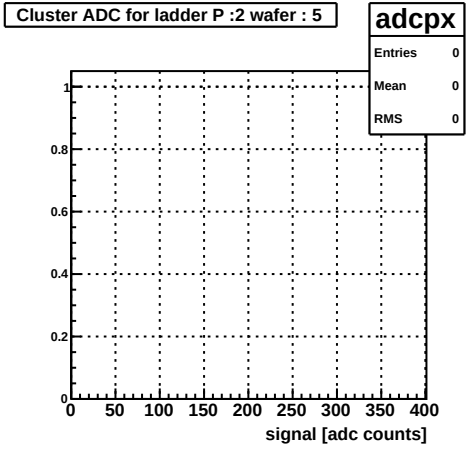

Cluster ADC for ladder P :2 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

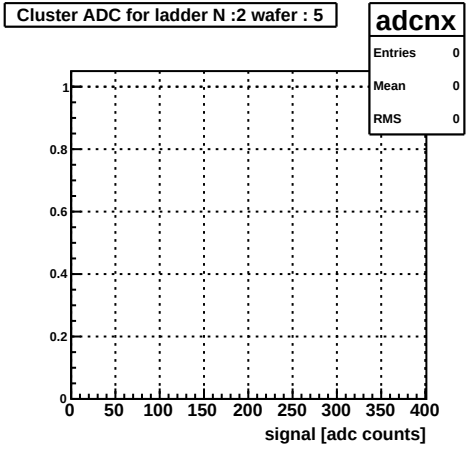

Cluster ADC for ladder N :2 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

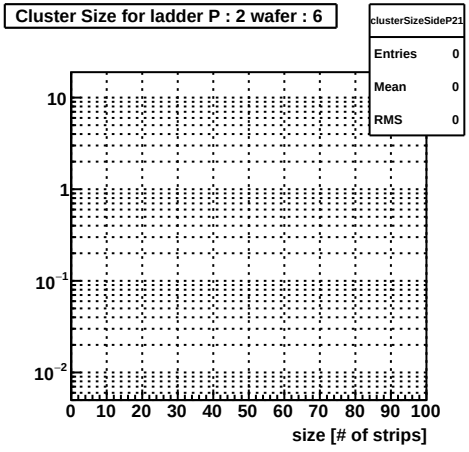

Cluster Size for ladder P : 2 wafer : 5
clusterSizeSideP20
Entries 0
Mean 0
RMS 0
size [# of strips]

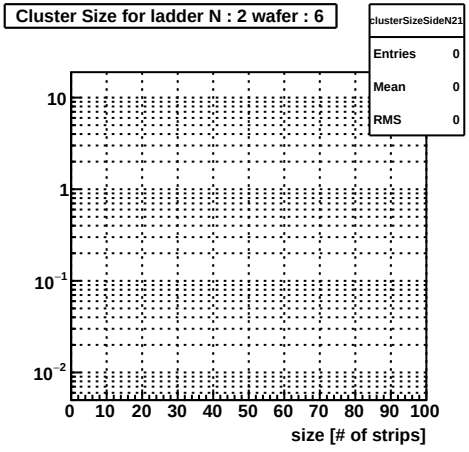

Cluster Size for ladder N : 2 wafer : 5
clusterSizeSideN20
Entries 0
Mean 0
RMS 0
size [# of strips]

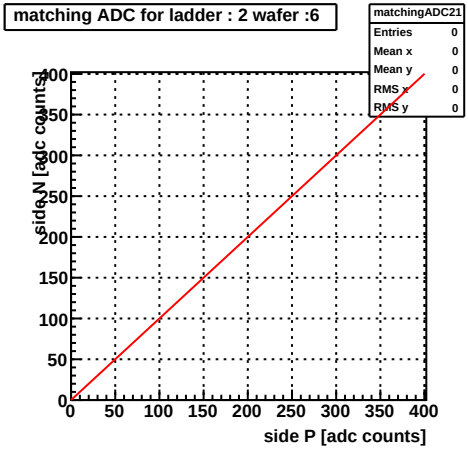

matching ADC for ladder : 2 wafer :5
matchingADC20
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

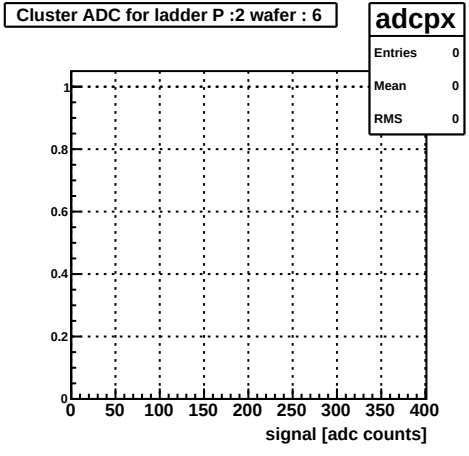

Cluster ADC for ladder P :2 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

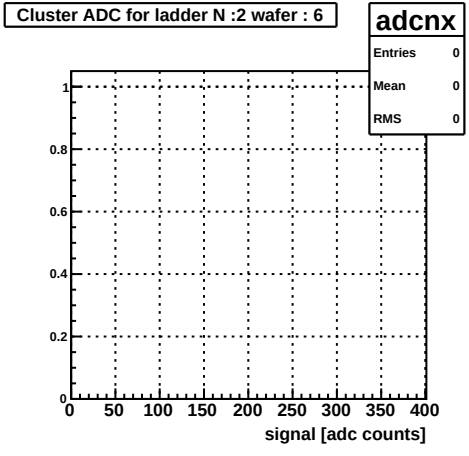

Cluster ADC for ladder N :2 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

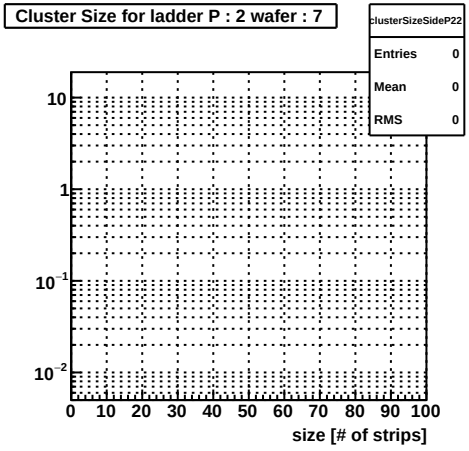

Cluster Size for ladder P : 2 wafer : 6
clusterSizeSideP21
Entries 0
Mean 0
RMS 0
size [# of strips]

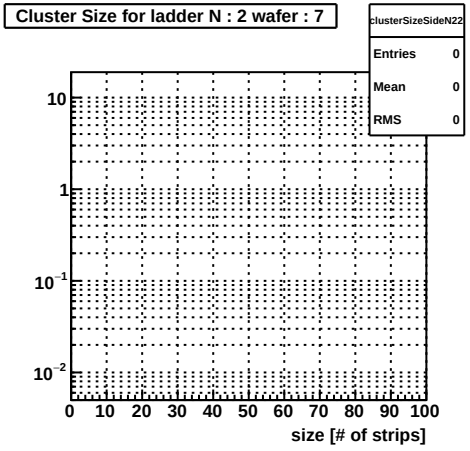

Cluster Size for ladder N : 2 wafer : 6
clusterSizeSideN21
Entries 0
Mean 0
RMS 0
size [# of strips]

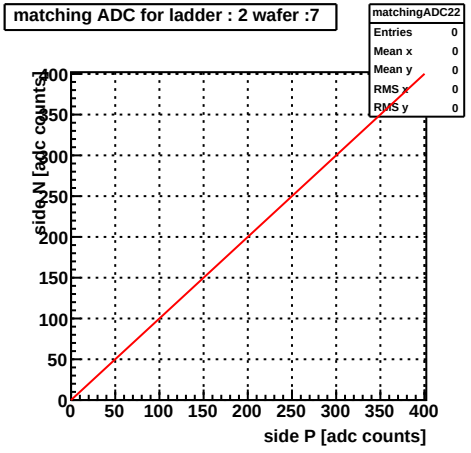

matching ADC for ladder : 2 wafer :6
matchingADC21
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

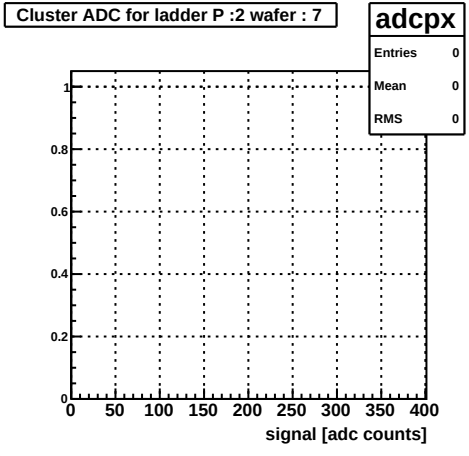

Cluster ADC for ladder P :2 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

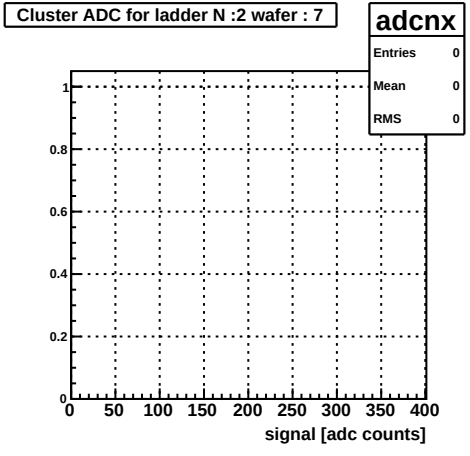

Cluster ADC for ladder N :2 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

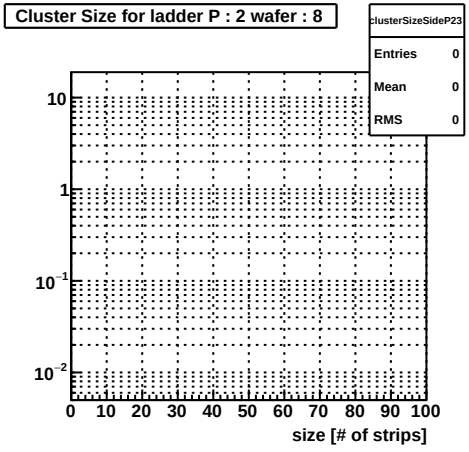

Cluster Size for ladder P : 2 wafer : 7
clusterSizeSideP22
Entries 0
Mean 0
RMS 0
size [# of strips]

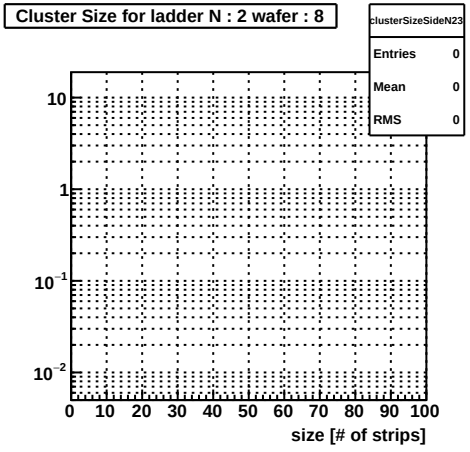

Cluster Size for ladder N : 2 wafer : 7
clusterSizeSideN22
Entries 0
Mean 0
RMS 0
size [# of strips]

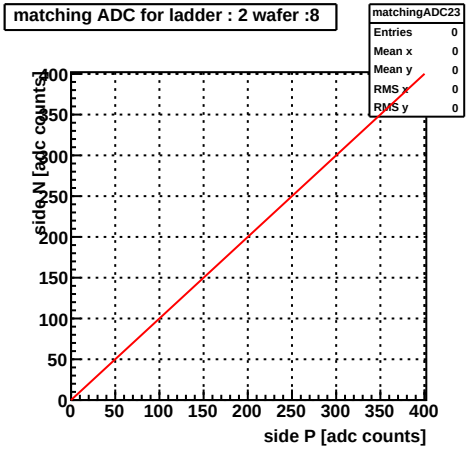

matching ADC for ladder : 2 wafer :7
matchingADC22
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

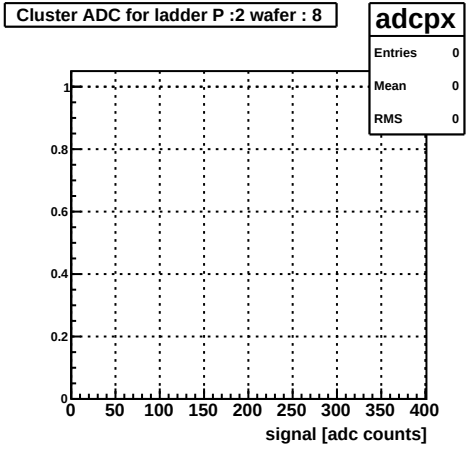

Cluster ADC for ladder P :2 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

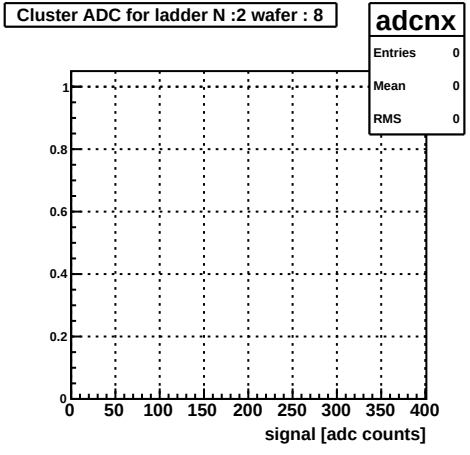

Cluster ADC for ladder N :2 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

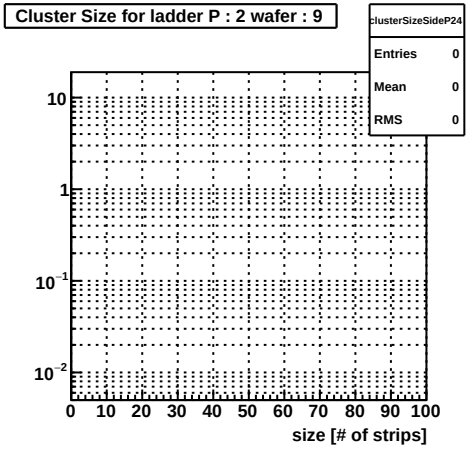

Cluster Size for ladder P : 2 wafer : 8
clusterSizeSideP23
Entries 0
Mean 0
RMS 0
size [# of strips]

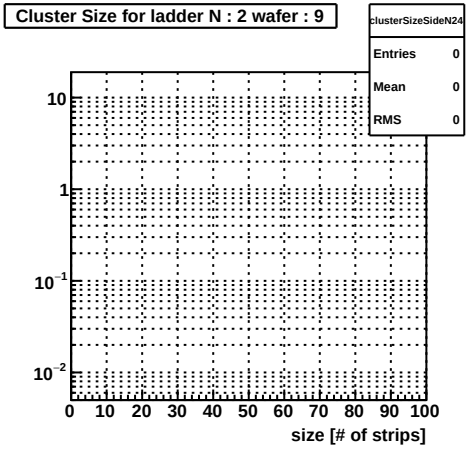

Cluster Size for ladder N : 2 wafer : 8
clusterSizeSideN23
Entries 0
Mean 0
RMS 0
size [# of strips]

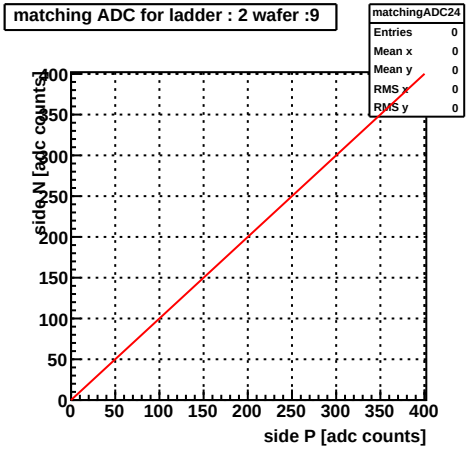

matching ADC for ladder : 2 wafer :8
matchingADC23
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

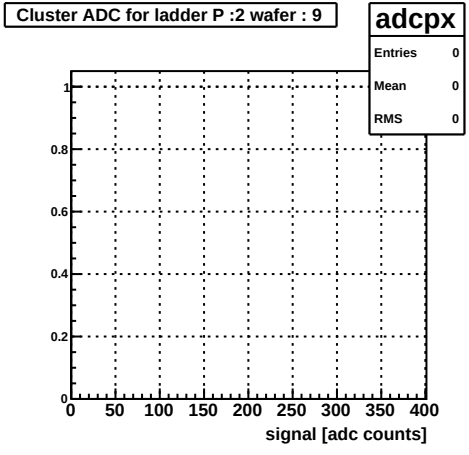

Cluster ADC for ladder P :2 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

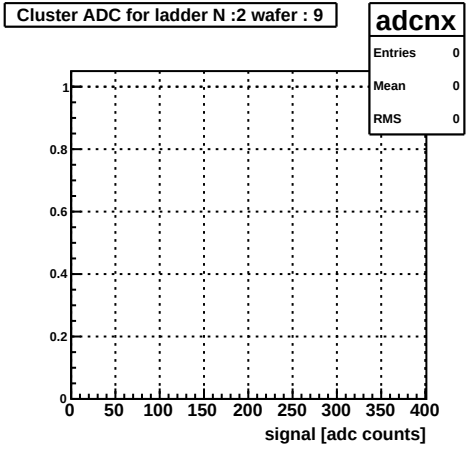

Cluster ADC for ladder N :2 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

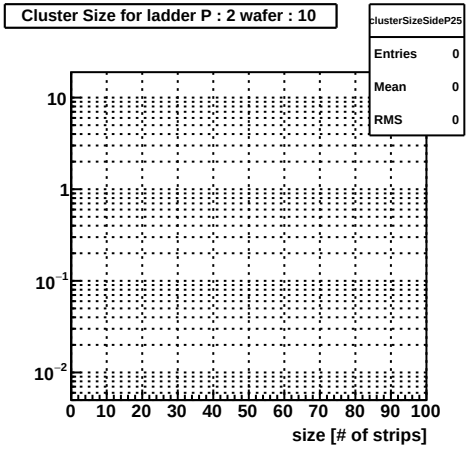

Cluster Size for ladder P : 2 wafer : 9
clusterSizeSideP24
Entries 0
Mean 0
RMS 0
size [# of strips]

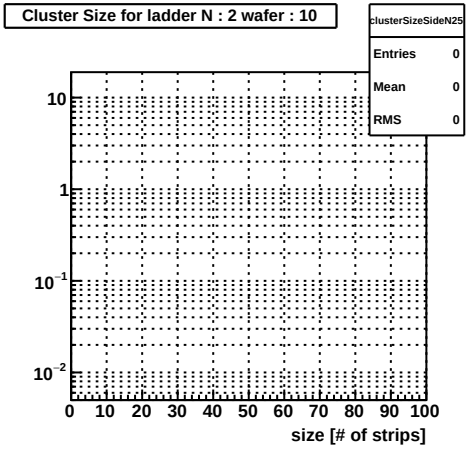

Cluster Size for ladder N : 2 wafer : 9
clusterSizeSideN24
Entries 0
Mean 0
RMS 0
size [# of strips]

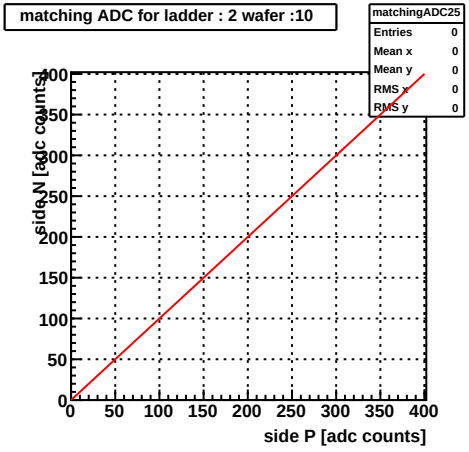

matching ADC for ladder : 2 wafer :9
matchingADC24
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

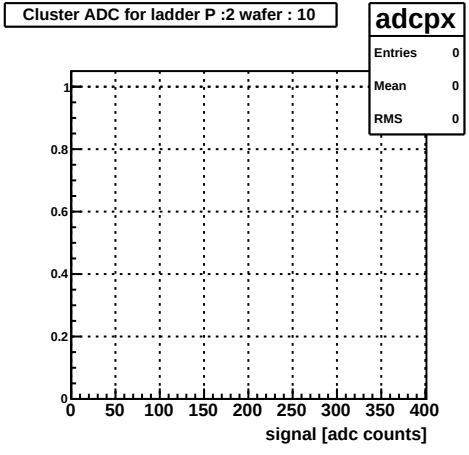

Cluster ADC for ladder P :2 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

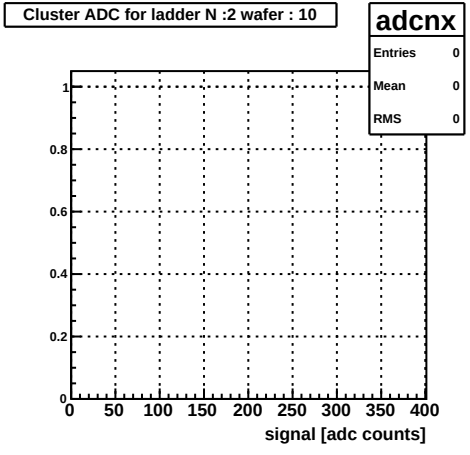

Cluster ADC for ladder N :2 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

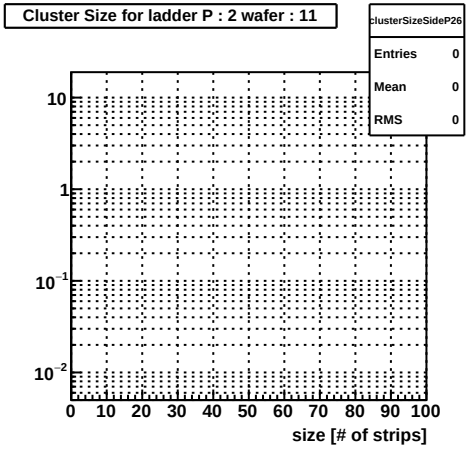

Cluster Size for ladder P : 2 wafer : 10
clusterSizeSideP25
Entries 0
Mean 0
RMS 0
size [# of strips]

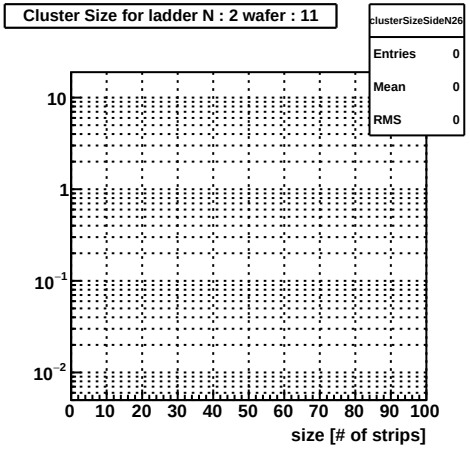

Cluster Size for ladder N : 2 wafer : 10
clusterSizeSideN25
Entries 0
Mean 0
RMS 0
size [# of strips]

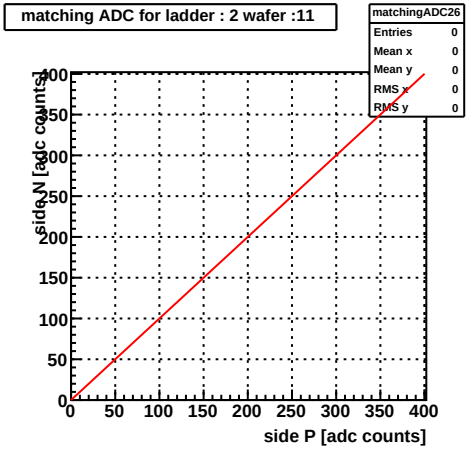

matching ADC for ladder : 2 wafer :10
matchingADC25
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

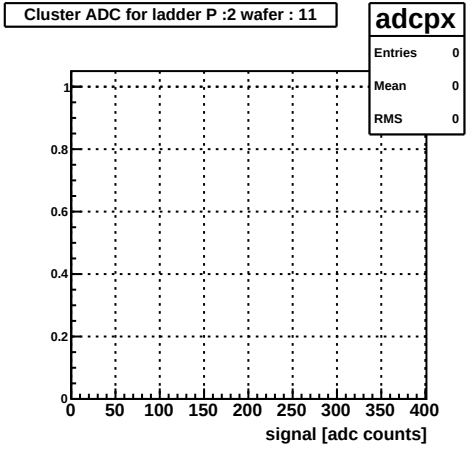

Cluster ADC for ladder P :2 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

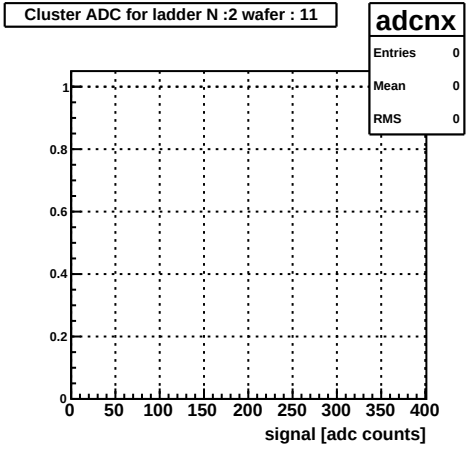

Cluster ADC for ladder N :2 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

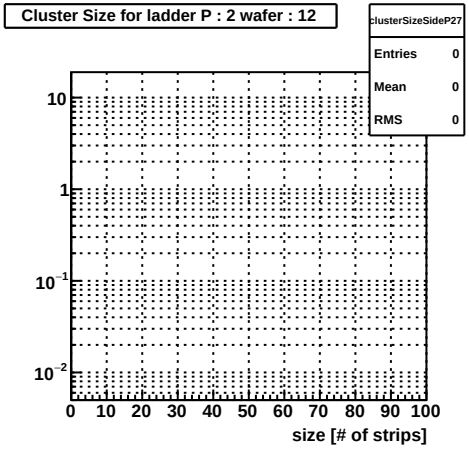

Cluster Size for ladder P : 2 wafer : 11
clusterSizeSideP26
Entries 0
Mean 0
RMS 0
size [# of strips]

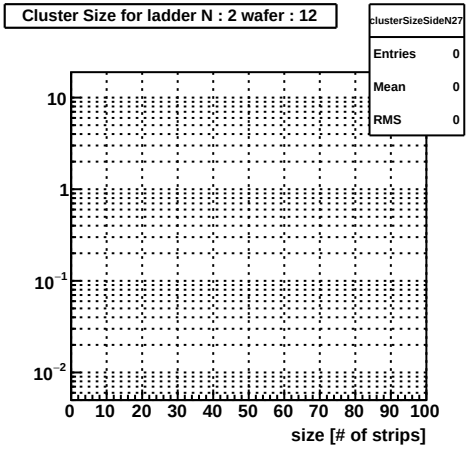

Cluster Size for ladder N : 2 wafer : 11
clusterSizeSideN26
Entries 0
Mean 0
RMS 0
size [# of strips]

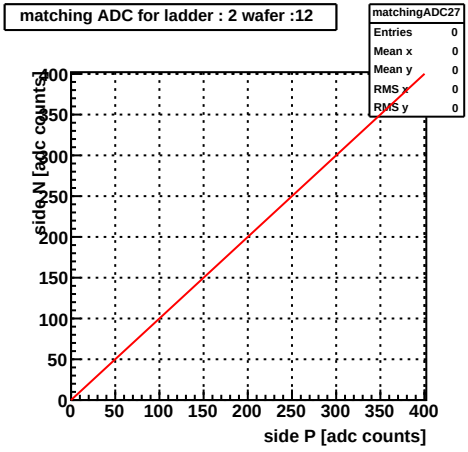

matching ADC for ladder : 2 wafer :11
matchingADC26
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

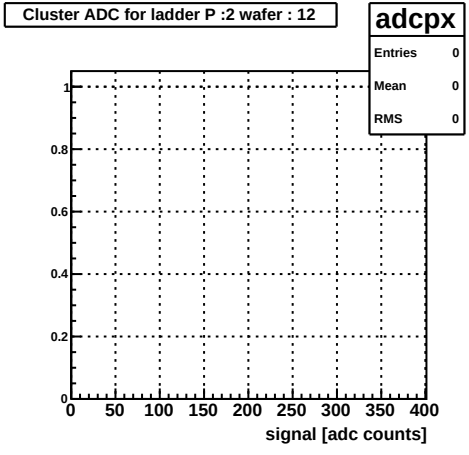

Cluster ADC for ladder P :2 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

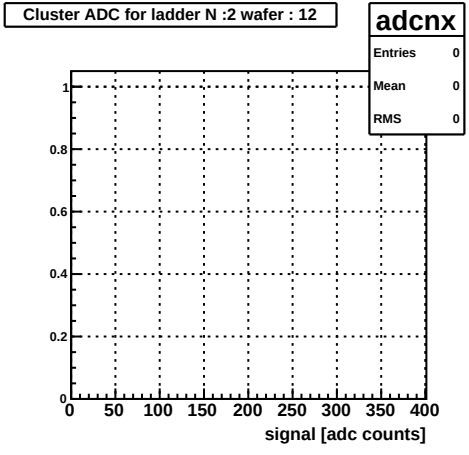

Cluster ADC for ladder N :2 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

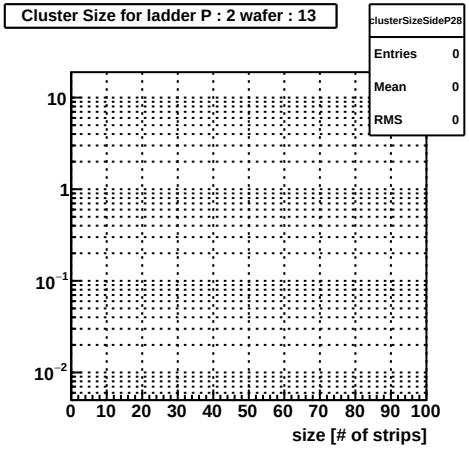

Cluster Size for ladder P : 2 wafer : 12
clusterSizeSideP27
Entries 0
Mean 0
RMS 0
size [# of strips]

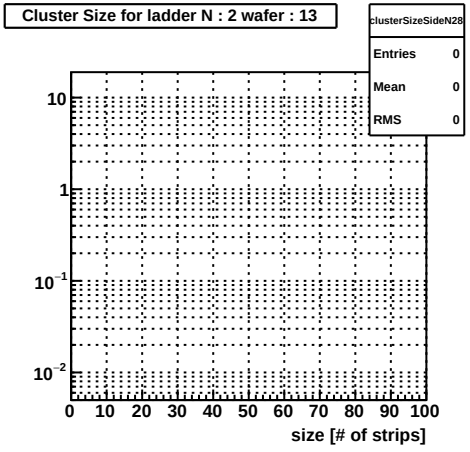

Cluster Size for ladder N : 2 wafer : 12
clusterSizeSideN27
Entries 0
Mean 0
RMS 0
size [# of strips]

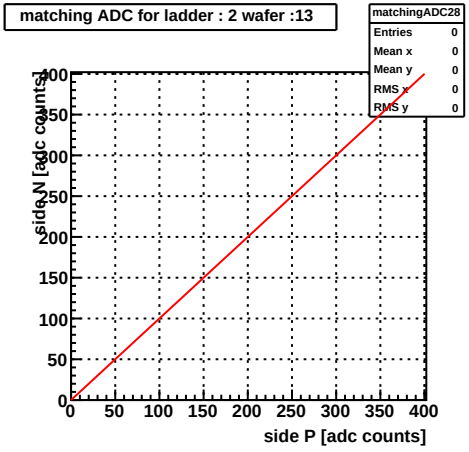

matching ADC for ladder : 2 wafer :12
matchingADC27
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

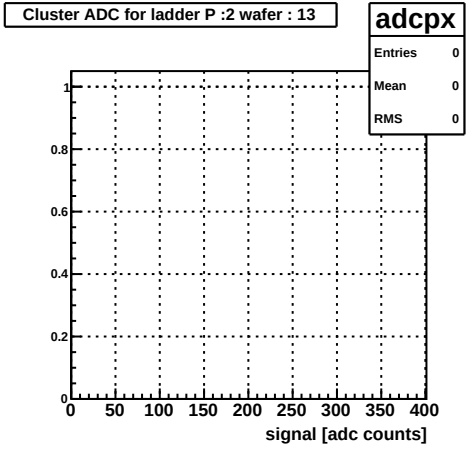

Cluster ADC for ladder P :2 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

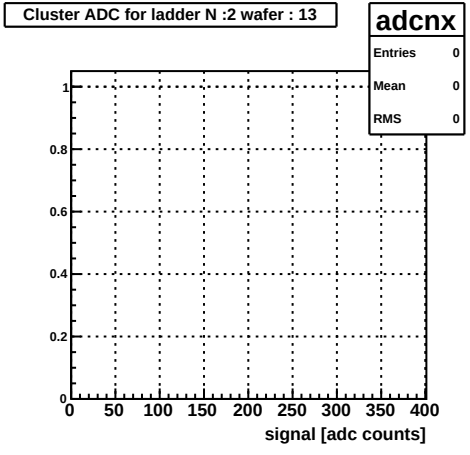

Cluster ADC for ladder N :2 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

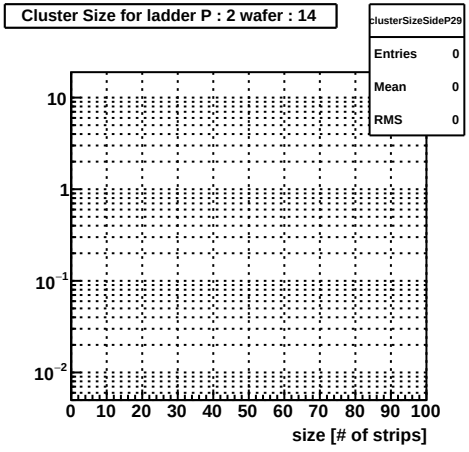

Cluster Size for ladder P : 2 wafer : 13
clusterSizeSideP28
Entries 0
Mean 0
RMS 0
size [# of strips]

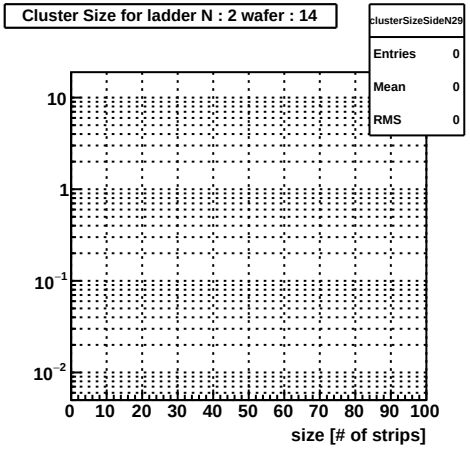

Cluster Size for ladder N : 2 wafer : 13
clusterSizeSideN28
Entries 0
Mean 0
RMS 0
size [# of strips]

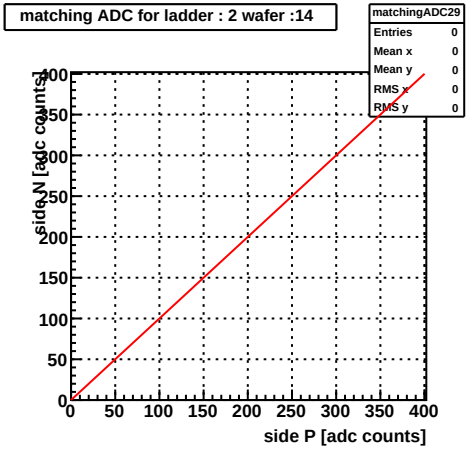

matching ADC for ladder : 2 wafer :13
matchingADC28
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

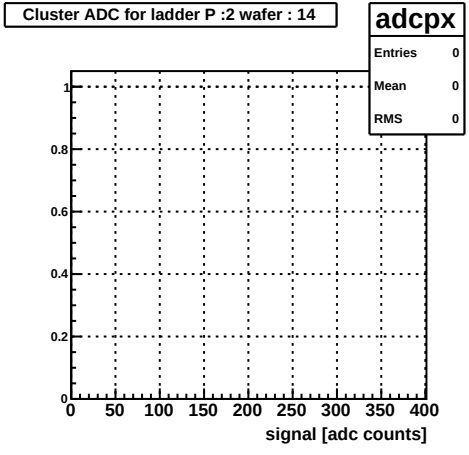

Cluster ADC for ladder P :2 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

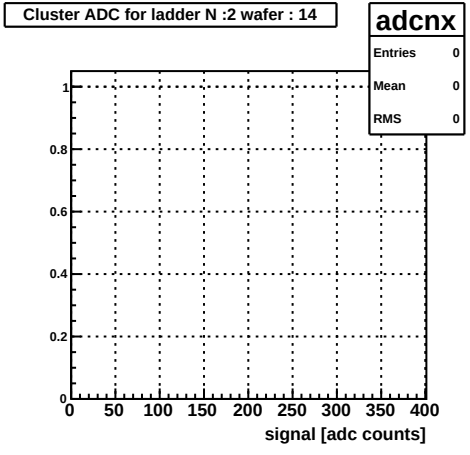

Cluster ADC for ladder N :2 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

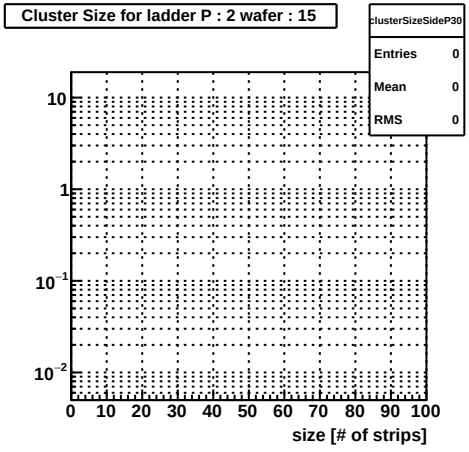

Cluster Size for ladder P : 2 wafer : 14
clusterSizeSideP29
Entries 0
Mean 0
RMS 0
size [# of strips]

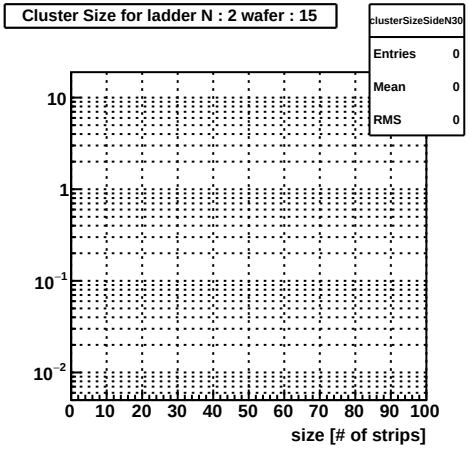

Cluster Size for ladder N : 2 wafer : 14
clusterSizeSideN29
Entries 0
Mean 0
RMS 0
size [# of strips]

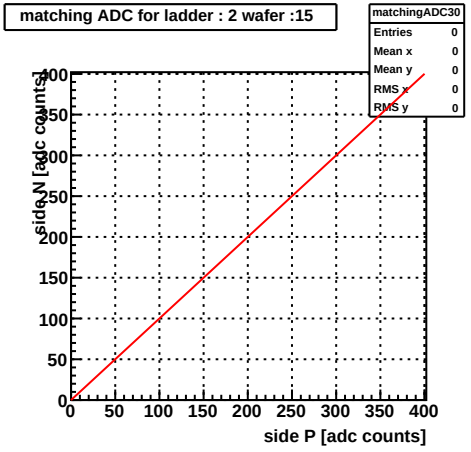

matching ADC for ladder : 2 wafer :14
matchingADC29
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

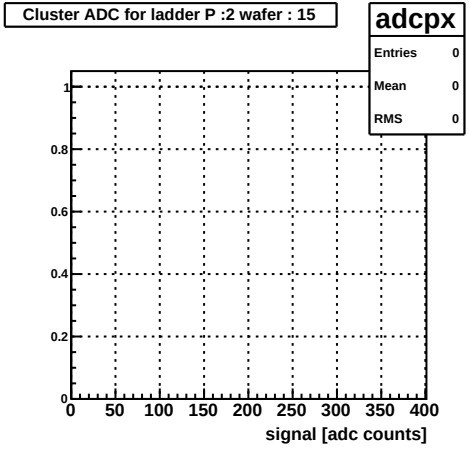

Cluster ADC for ladder P :2 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

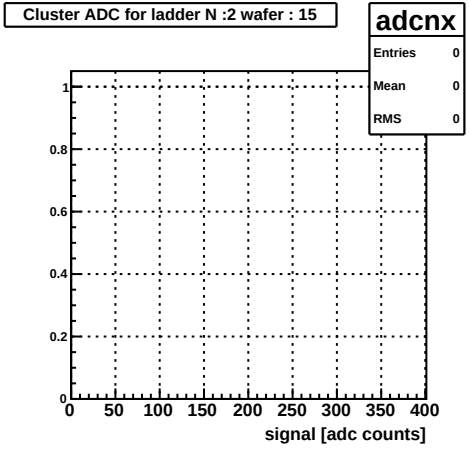

Cluster ADC for ladder N :2 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

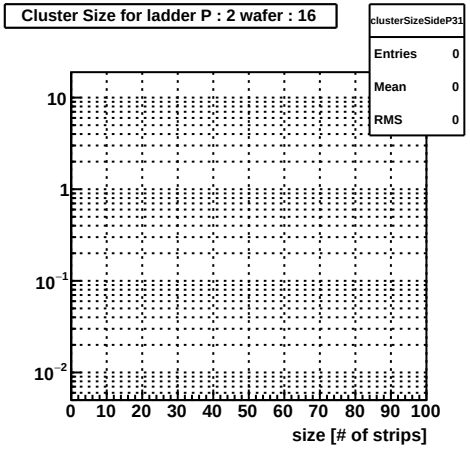

Cluster Size for ladder P : 2 wafer : 15
clusterSizeSideP30
Entries 0
Mean 0
RMS 0
size [# of strips]

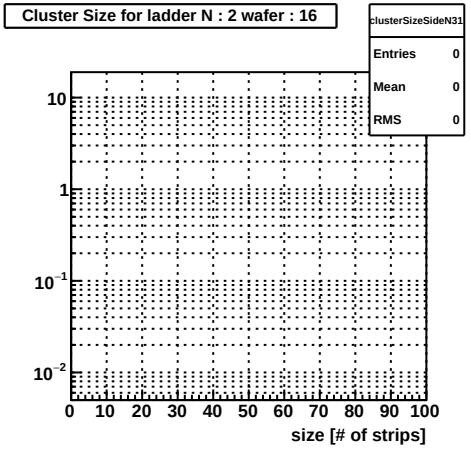

Cluster Size for ladder N : 2 wafer : 15
clusterSizeSideN30
Entries 0
Mean 0
RMS 0
size [# of strips]

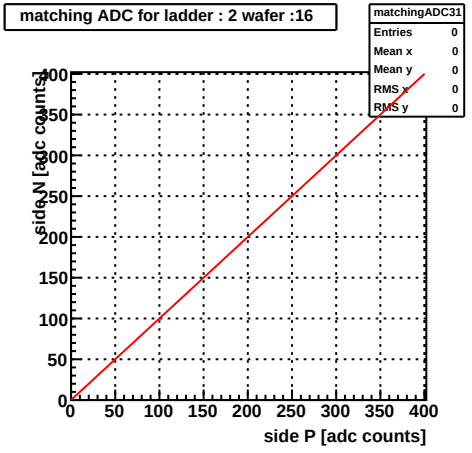

matching ADC for ladder : 2 wafer :15
matchingADC30
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

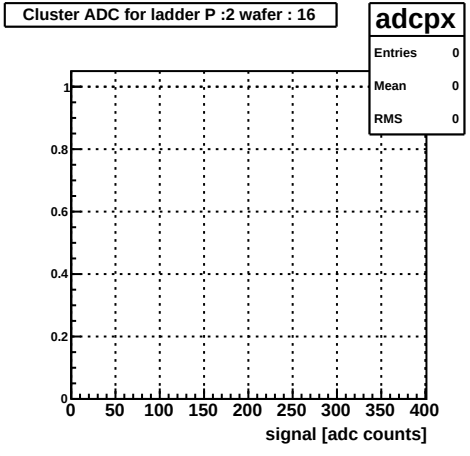

Cluster ADC for ladder P :2 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

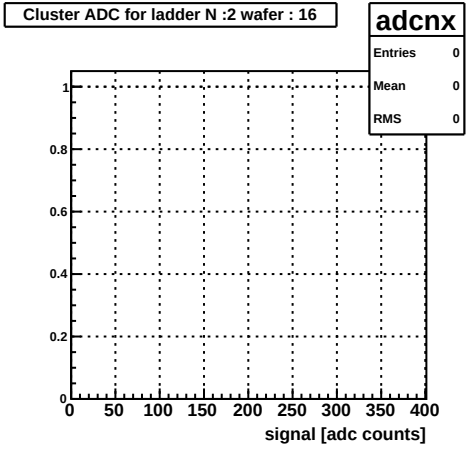

Cluster ADC for ladder N :2 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

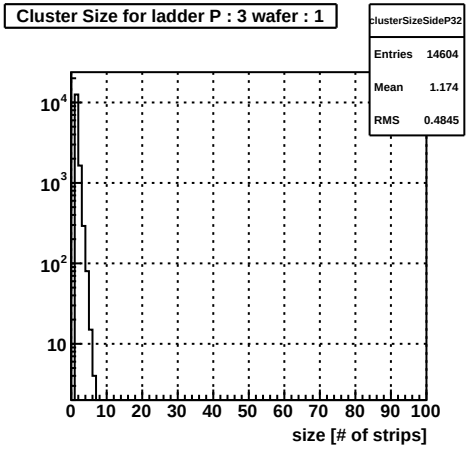

Cluster Size for ladder P : 2 wafer : 16
clusterSizeSideP31
Entries 0
Mean 0
RMS 0
size [# of strips]

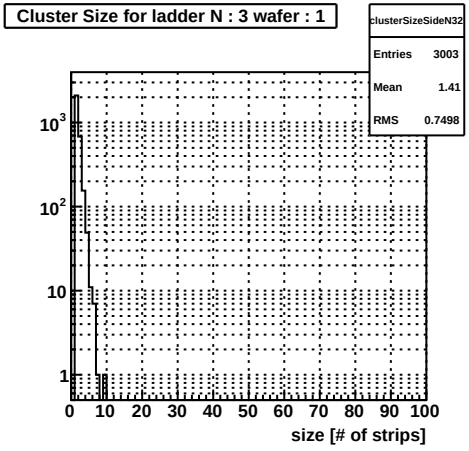

Cluster Size for ladder N : 2 wafer : 16
clusterSizeSideN31
Entries 0
Mean 0
RMS 0
size [# of strips]

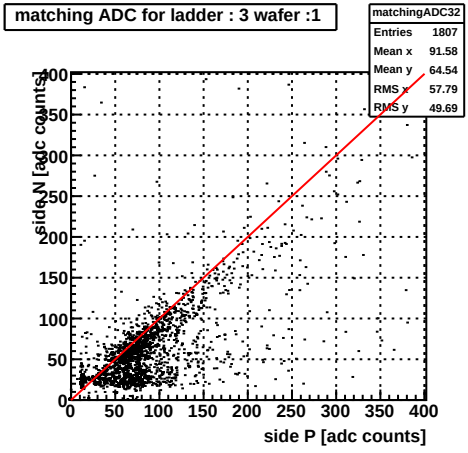

matching ADC for ladder : 2 wafer :16
matchingADC31
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

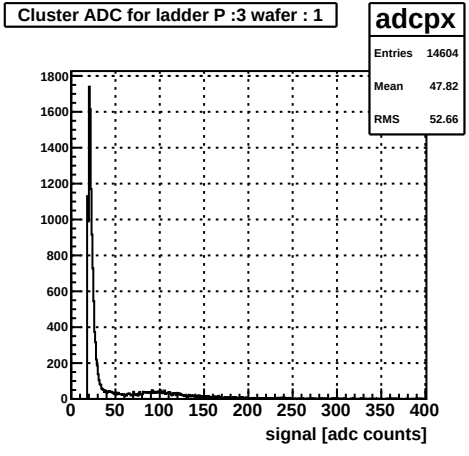

Cluster ADC for ladder P :2 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

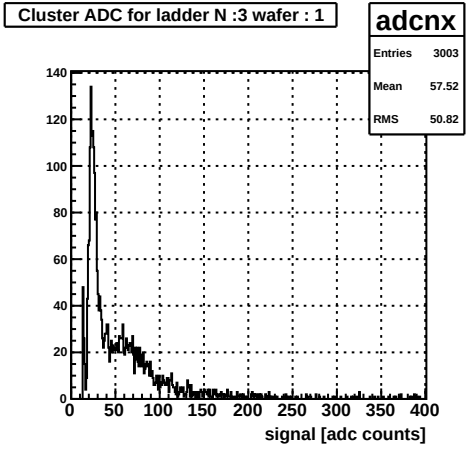

Cluster ADC for ladder N :2 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

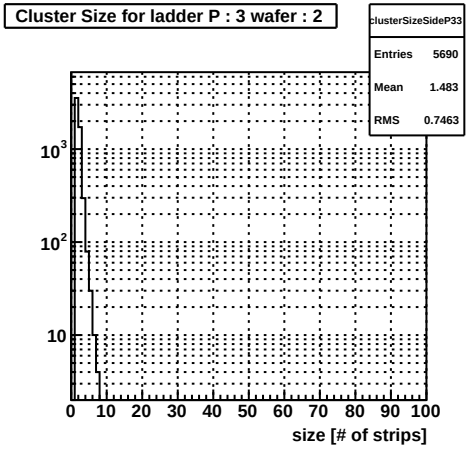

Cluster Size for ladder P : 3 wafer : 1
clusterSizeSideP32
Entries 14604
Mean 1.174
RMS 0.4845
size [# of strips]

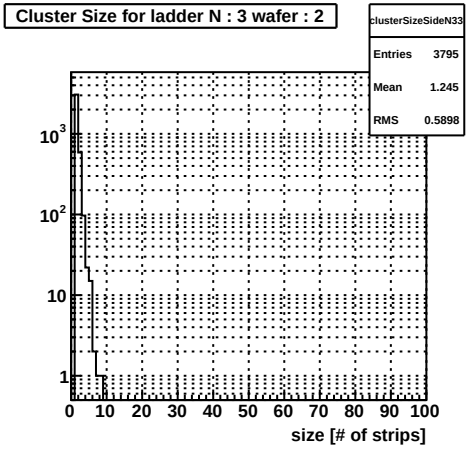

Cluster Size for ladder N : 3 wafer : 1
clusterSizeSideN32
Entries 3003
Mean 1.41
RMS 0.7498
size [# of strips]

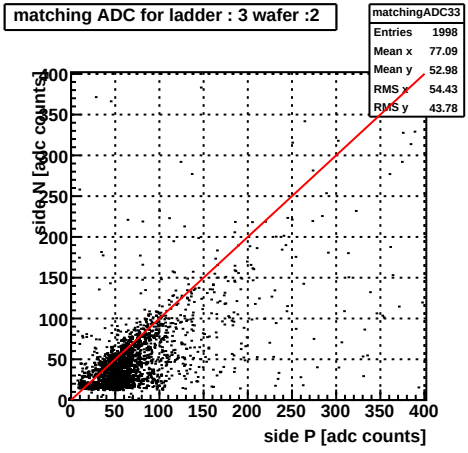

matching ADC for ladder : 3 wafer :1
matchingADC32
Entries 1807
Mean x 91.58
Mean y 64.54
RMS x 57.79
RMS y 49.69
side N [adc counts]
side P [adc counts]

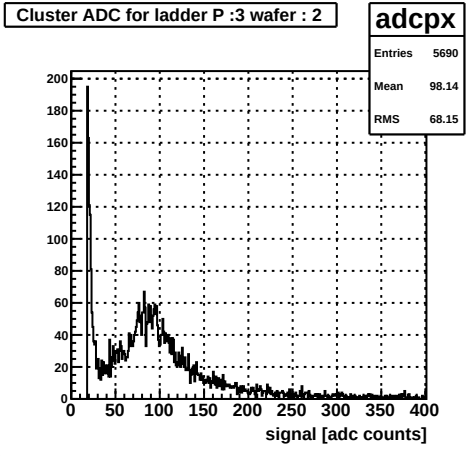

Cluster ADC for ladder P :3 wafer : 1
adcpx
Entries 14604
Mean 47.82
RMS 52.66
signal [adc counts]

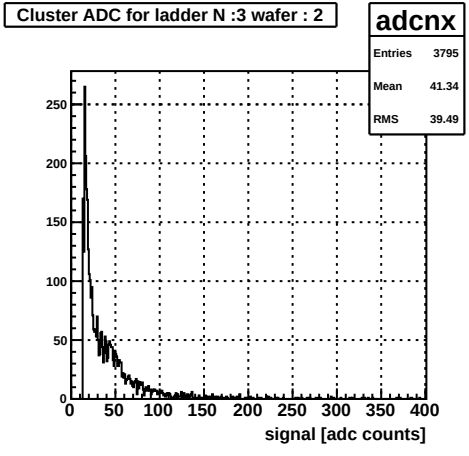

Cluster ADC for ladder N :3 wafer : 1
adcnx
Entries 3003
Mean 57.52
RMS 50.82
signal [adc counts]

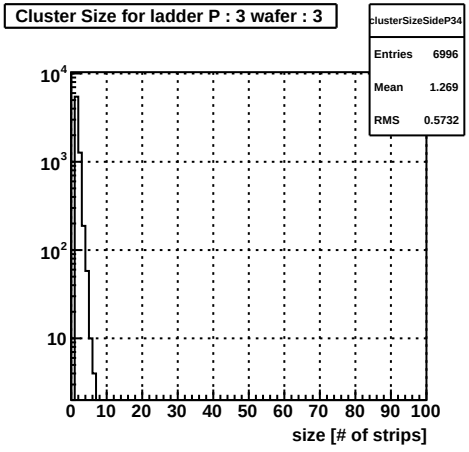

Cluster Size for ladder P : 3 wafer : 2
clusterSizeSideP33
Entries 5690
Mean 1.483
RMS 0.7463
size [# of strips]

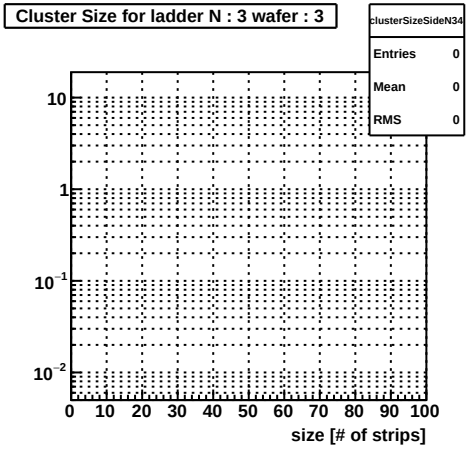

Cluster Size for ladder N : 3 wafer : 2
clusterSizeSideN33
Entries 3795
Mean 1.245
RMS 0.5898
size [# of strips]

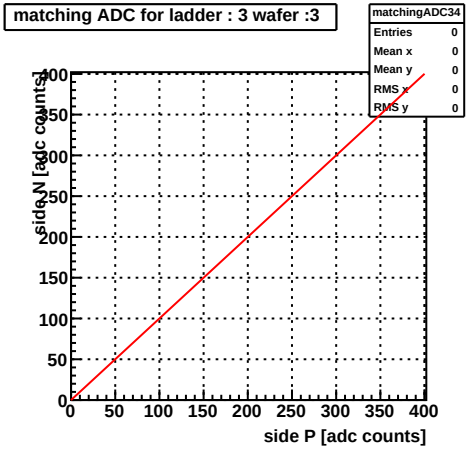

matching ADC for ladder : 3 wafer :2
matchingADC33
Entries 1998
Mean x 77.09
Mean y 52.98
RMS x 54.43
RMS y 43.78
side N [adc counts]
side P [adc counts]

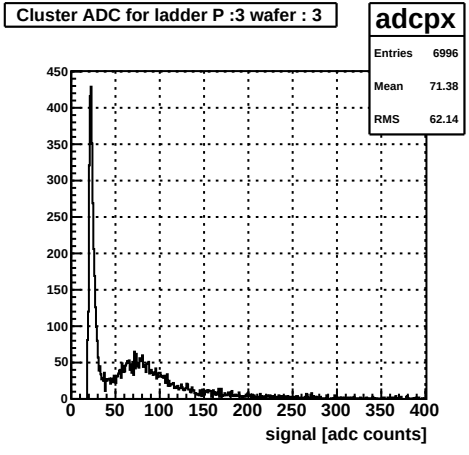

Cluster ADC for ladder P :3 wafer : 2
adcpx
Entries 5690
Mean 98.14
RMS 68.15
signal [adc counts]

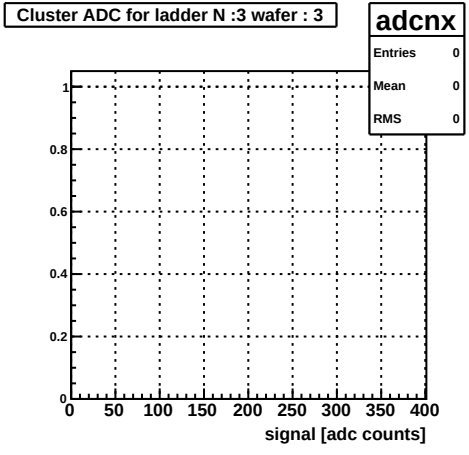

Cluster ADC for ladder N :3 wafer : 2
adcnx
Entries 3795
Mean 41.34
RMS 39.49
signal [adc counts]

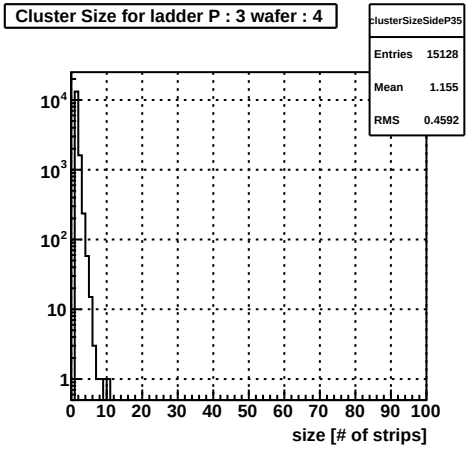

Cluster Size for ladder P : 3 wafer : 3
clusterSizeSideP34
Entries 6996
Mean 1.269
RMS 0.5732
size [# of strips]

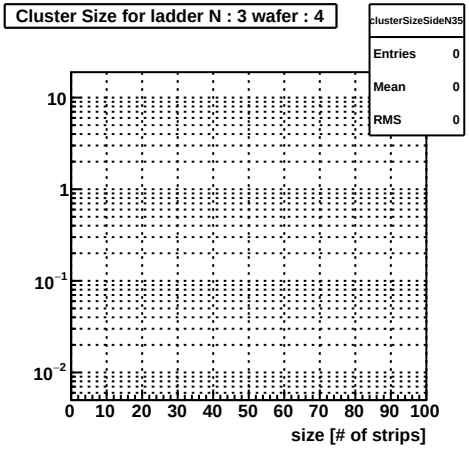

Cluster Size for ladder N : 3 wafer : 3
clusterSizeSideN34
Entries 0
Mean 0
RMS 0
size [# of strips]

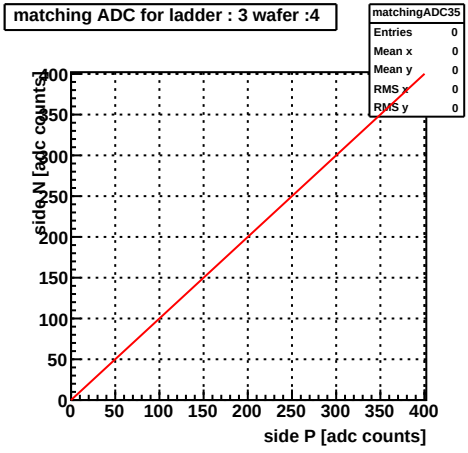

matching ADC for ladder : 3 wafer :3
matchingADC34
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

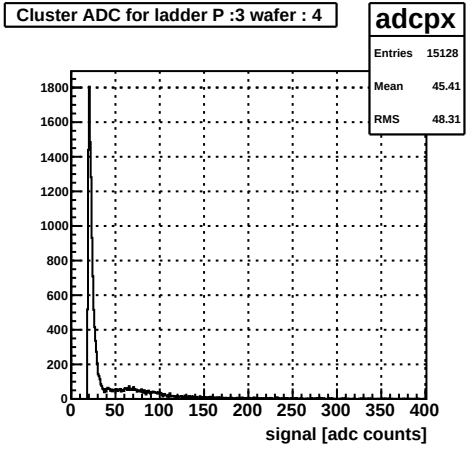

Cluster ADC for ladder P :3 wafer : 3
adcpx
Entries 6996
Mean 71.38
RMS 62.14
signal [adc counts]

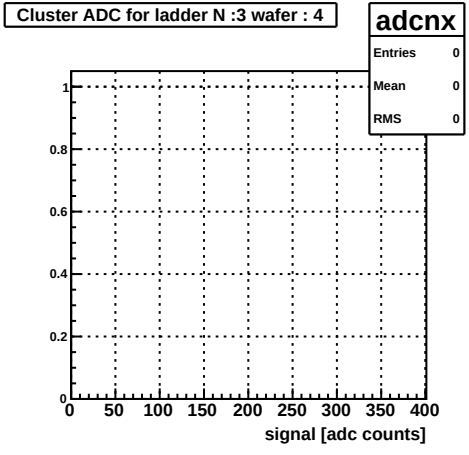

Cluster ADC for ladder N :3 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

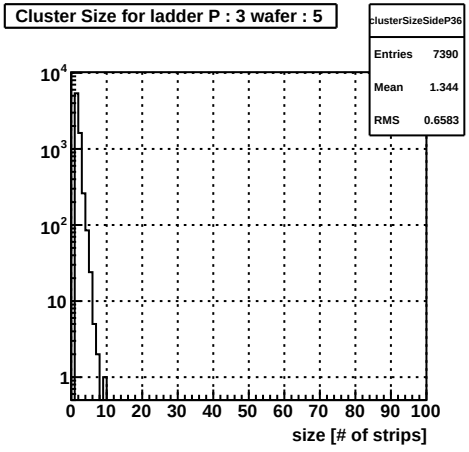

Cluster Size for ladder P : 3 wafer : 4
clusterSizeSideP35
Entries 15128
Mean 1.155
RMS 0.4592
size [# of strips]

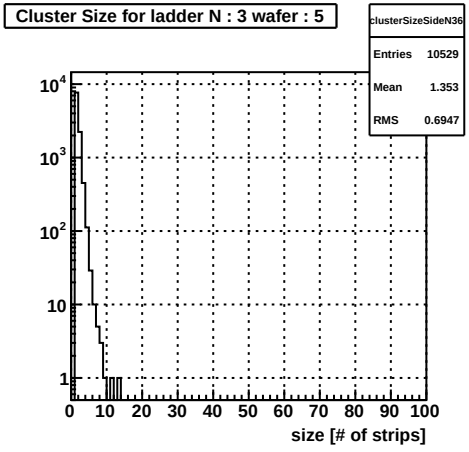

Cluster Size for ladder N : 3 wafer : 4
clusterSizeSideN35
Entries 0
Mean 0
RMS 0
size [# of strips]

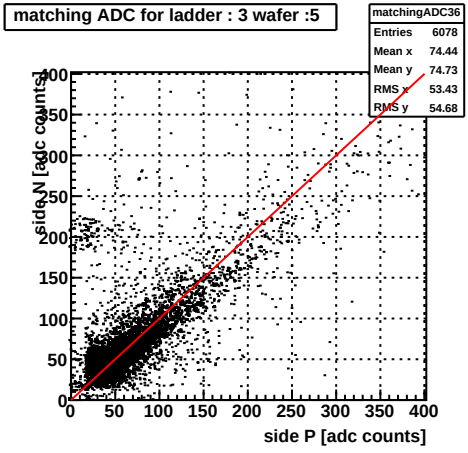

matching ADC for ladder : 3 wafer :4
matchingADC35
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

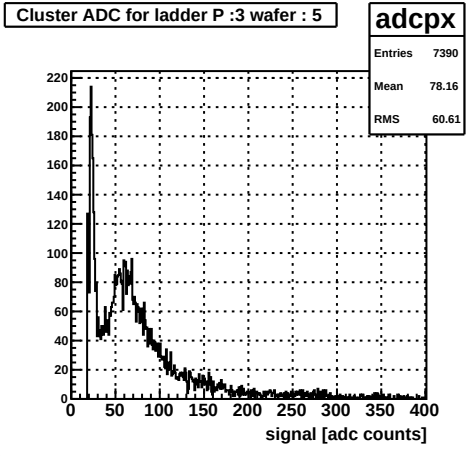

Cluster ADC for ladder P :3 wafer : 4
adcpx
Entries 15128
Mean 45.41
RMS 48.31
signal [adc counts]

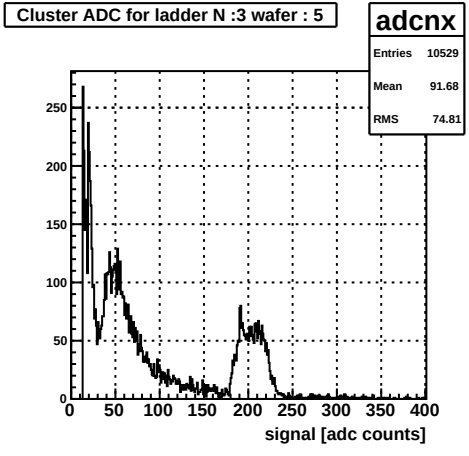

Cluster ADC for ladder N :3 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

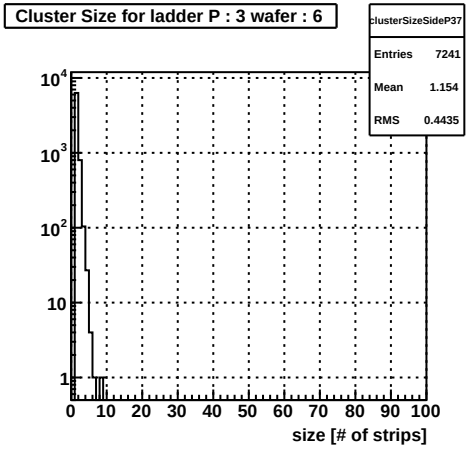

Cluster Size for ladder P : 3 wafer : 5
clusterSizeSideP36
Entries 7390
Mean 1.344
RMS 0.6583
size [# of strips]

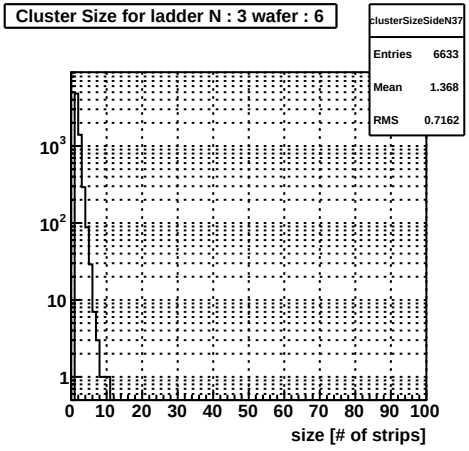

Cluster Size for ladder N : 3 wafer : 5
clusterSizeSideN36
Entries 10529
Mean 1.353
RMS 0.6947
size [# of strips]

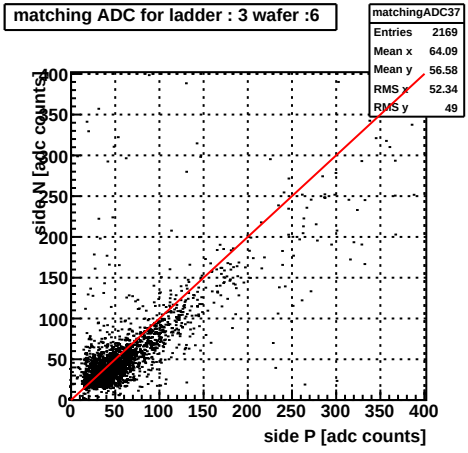

matching ADC for ladder : 3 wafer :5
matchingADC36
Entries 6078
Mean x 74.44
Mean y 74.73
RMS x 53.43
RMS y 54.68
side N [adc counts]
side P [adc counts]

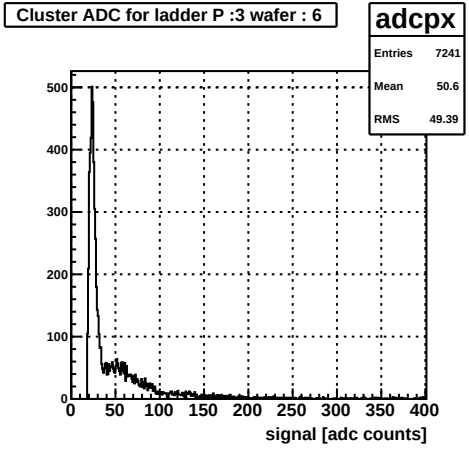

Cluster ADC for ladder P :3 wafer : 5
adcpx
Entries 7390
Mean 78.16
RMS 60.61
signal [adc counts]

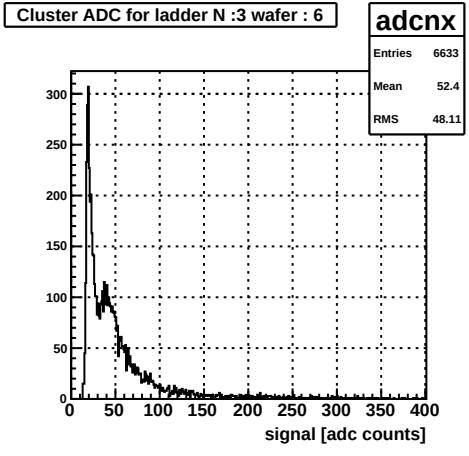

Cluster ADC for ladder N :3 wafer : 5
adcnx
Entries 10529
Mean 91.68
RMS 74.81
signal [adc counts]

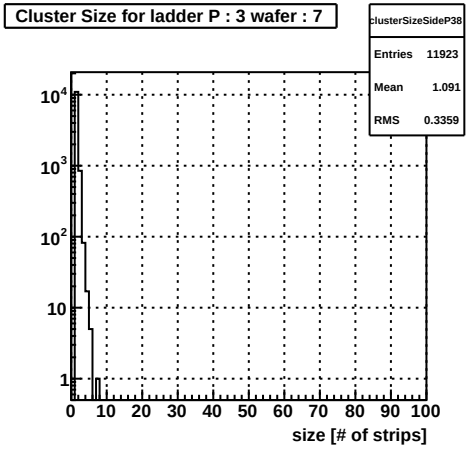

Cluster Size for ladder P : 3 wafer : 6
clusterSizeSideP37
Entries 7241
Mean 1.154
RMS 0.4435
size [# of strips]

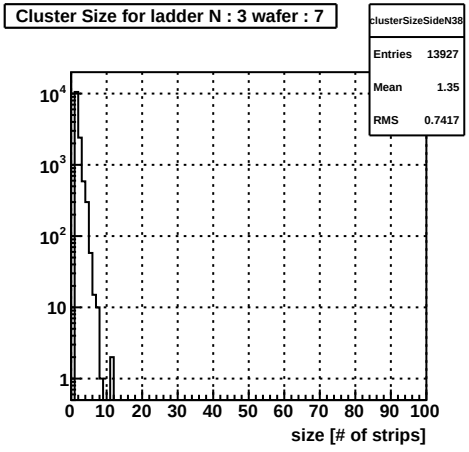

Cluster Size for ladder N : 3 wafer : 6
clusterSizeSideN37
Entries 6633
Mean 1.368
RMS 0.7162
size [# of strips]

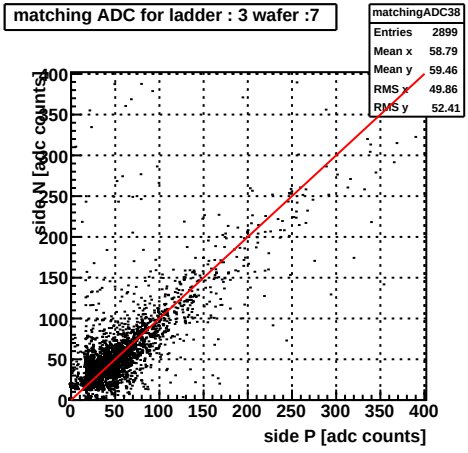

matching ADC for ladder : 3 wafer :6
matchingADC37
Entries 2169
Mean x 64.09
Mean y 56.58
RMS x 52.34
RMS y 49
side N [adc counts]
side P [adc counts]

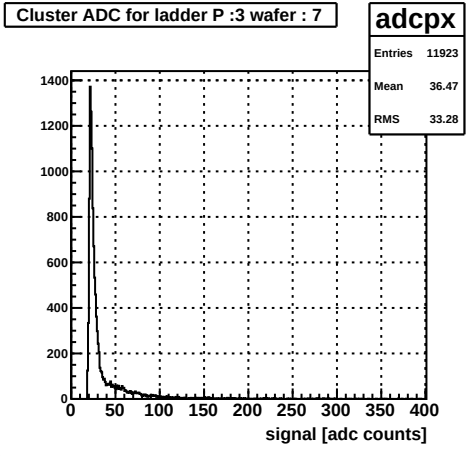

Cluster ADC for ladder P :3 wafer : 6
adcpx
Entries 7241
Mean 50.6
RMS 49.39
signal [adc counts]

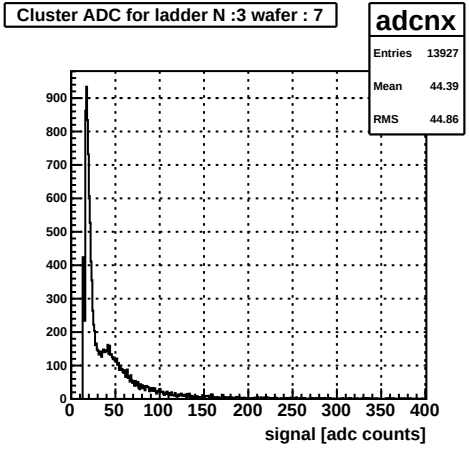

Cluster ADC for ladder N :3 wafer : 6
adcnx
Entries 6633
Mean 52.4
RMS 48.11
signal [adc counts]

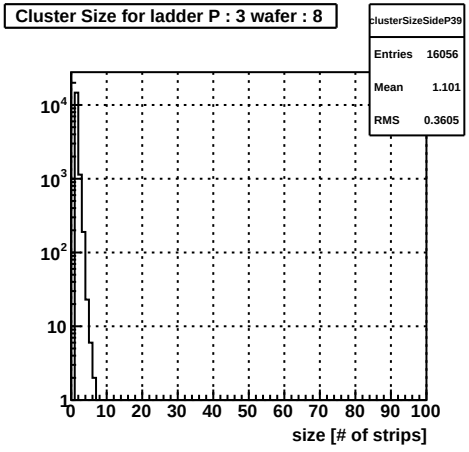

Cluster Size for ladder P : 3 wafer : 7
clusterSizeSideP38
Entries 11923
Mean 1.091
RMS 0.3359
size [# of strips]

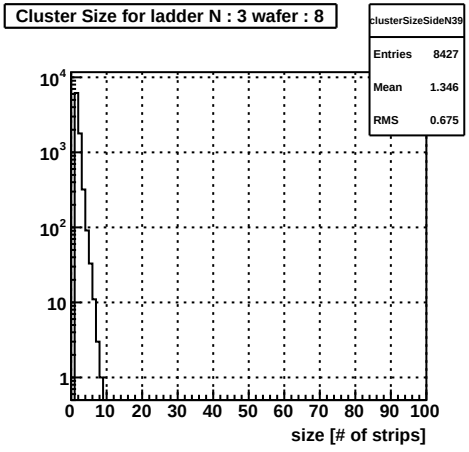

Cluster Size for ladder N : 3 wafer : 7
clusterSizeSideN38
Entries 13927
Mean 1.35
RMS 0.7417
size [# of strips]

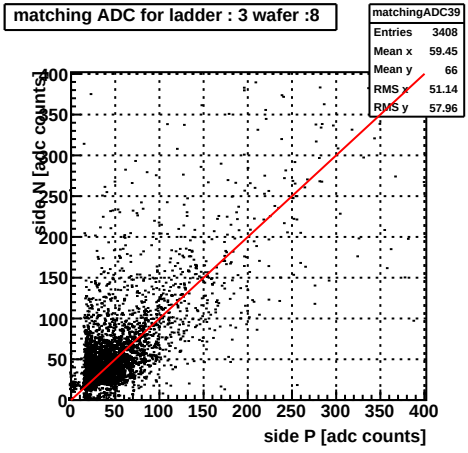

matching ADC for ladder : 3 wafer :7
matchingADC38
Entries 2899
Mean x 58.79
Mean y 59.46
RMS x 49.86
RMS y 52.41
side N [adc counts]
side P [adc counts]

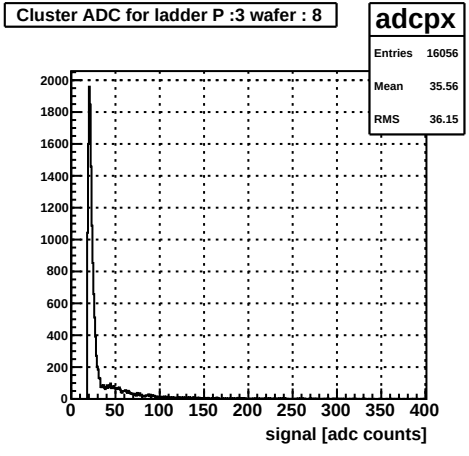

Cluster ADC for ladder P :3 wafer : 7
adcpx
Entries 11923
Mean 36.47
RMS 33.28
signal [adc counts]

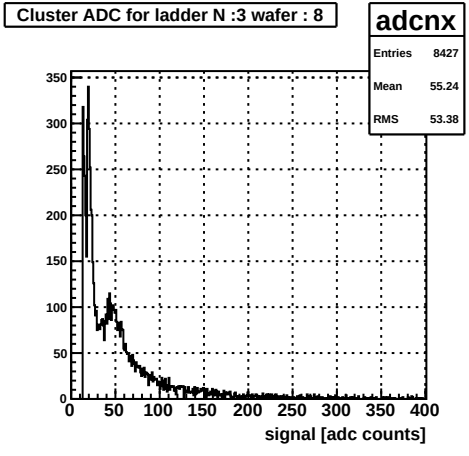

Cluster ADC for ladder N :3 wafer : 7
adcnx
Entries 13927
Mean 44.39
RMS 44.86
signal [adc counts]

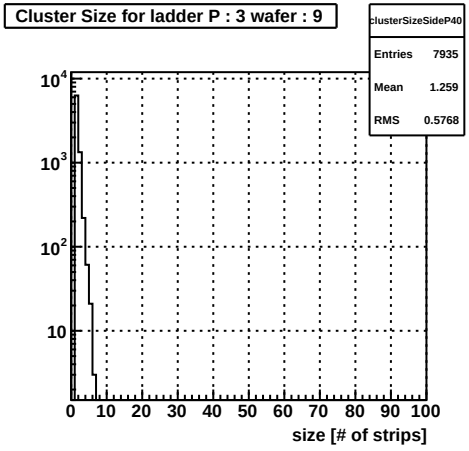

Cluster Size for ladder P : 3 wafer : 8
clusterSizeSideP39
Entries 16056
Mean 1.101
RMS 0.3605
size [# of strips]

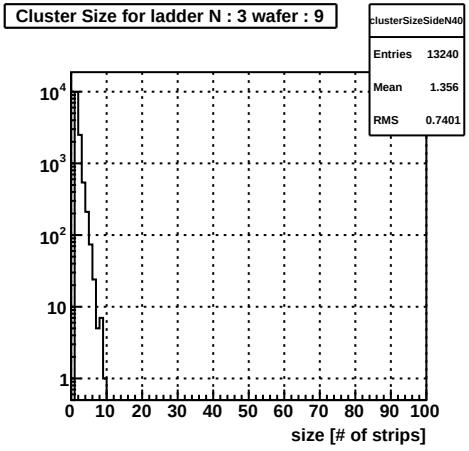

Cluster Size for ladder N : 3 wafer : 8
clusterSizeSideN39
Entries 8427
Mean 1.346
RMS 0.675
size [# of strips]

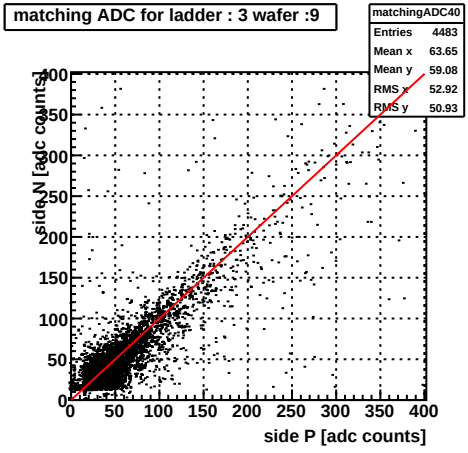

matching ADC for ladder : 3 wafer :8
matchingADC39
Entries 3408
Mean x 59.45
Mean y 66
RMS x 51.14
RMS y 57.96
side N [adc counts]
side P [adc counts]

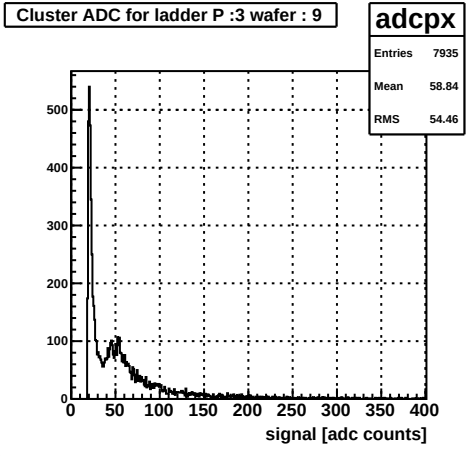

Cluster ADC for ladder P :3 wafer : 8
adcpx
Entries 16056
Mean 35.56
RMS 36.15
signal [adc counts]

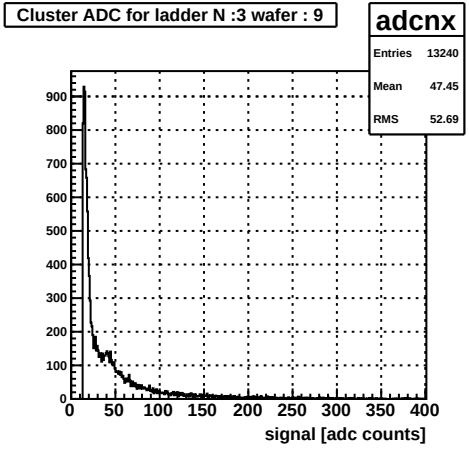

Cluster ADC for ladder N :3 wafer : 8
adcnx
Entries 8427
Mean 55.24
RMS 53.38
signal [adc counts]

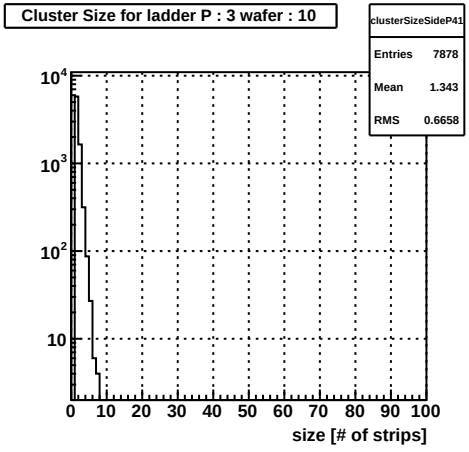

Cluster Size for ladder P : 3 wafer : 9
clusterSizeSideP40
Entries 7935
Mean 1.259
RMS 0.5768
size [# of strips]

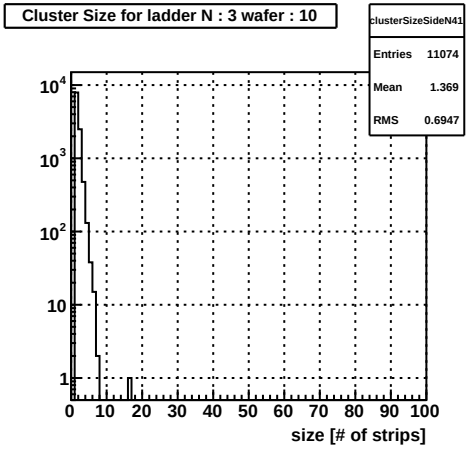

Cluster Size for ladder N : 3 wafer : 9
clusterSizeSideN40
Entries 13240
Mean 1.356
RMS 0.7401
size [# of strips]

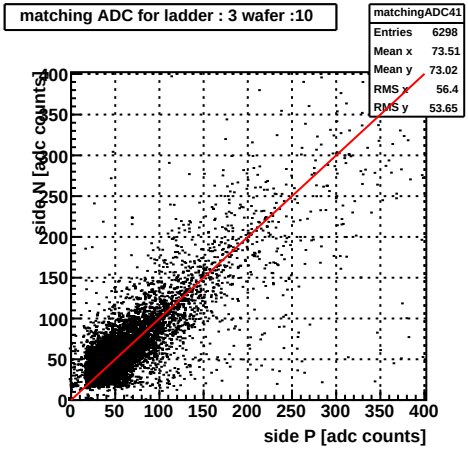

matching ADC for ladder : 3 wafer :9
matchingADC40
Entries 4483
Mean x 63.65
Mean y 59.08
RMS x 52.92
RMS y 50.93
side N [adc counts]
side P [adc counts]

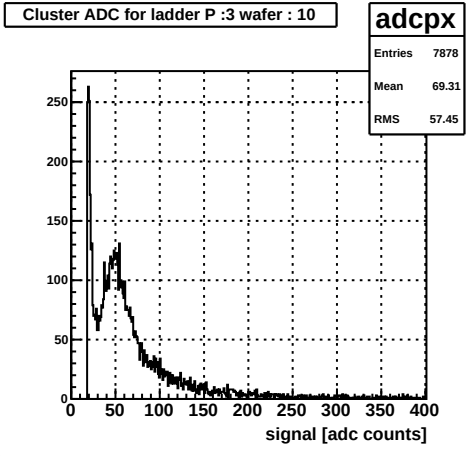

Cluster ADC for ladder P :3 wafer : 9
adcpx
Entries 7935
Mean 58.84
RMS 54.46
signal [adc counts]

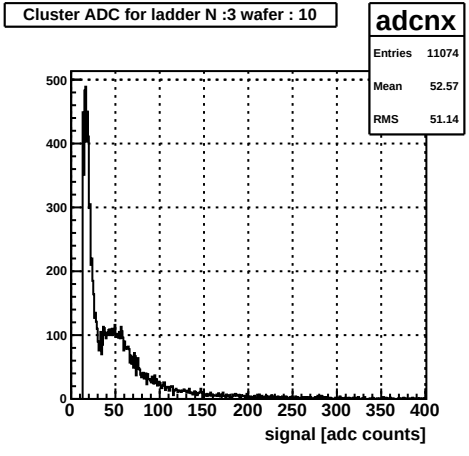

Cluster ADC for ladder N :3 wafer : 9
adcnx
Entries 13240
Mean 47.45
RMS 52.69
signal [adc counts]

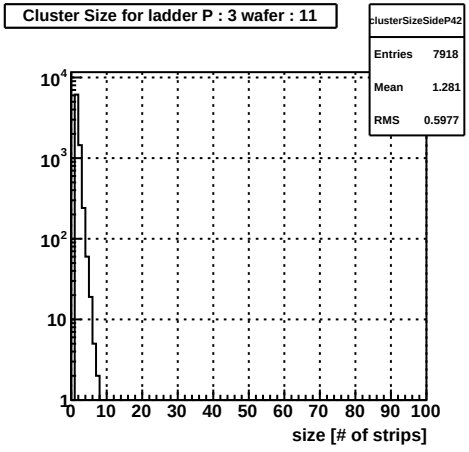

Cluster Size for ladder P : 3 wafer : 10
clusterSizeSideP41
Entries 7878
Mean 1.343
RMS 0.6658
size [# of strips]

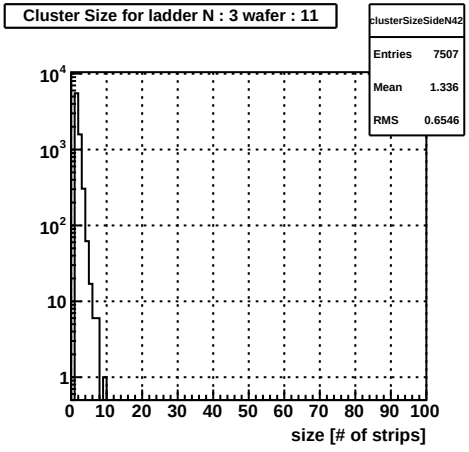

Cluster Size for ladder N : 3 wafer : 10
clusterSizeSideN41
Entries 11074
Mean 1.369
RMS 0.6947
size [# of strips]

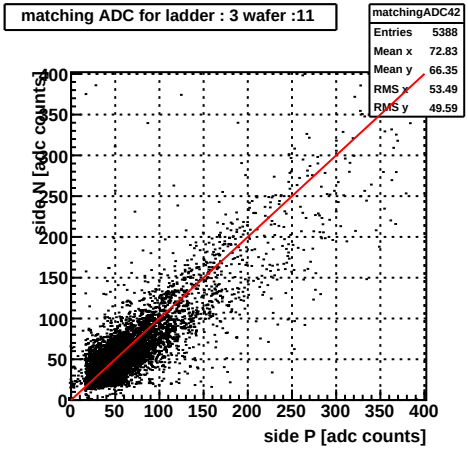

matching ADC for ladder : 3 wafer :10
matchingADC41
Entries 6298
Mean x 73.51
Mean y 73.02
RMS x 56.4
RMS y 53.65
side N [adc counts]
side P [adc counts]

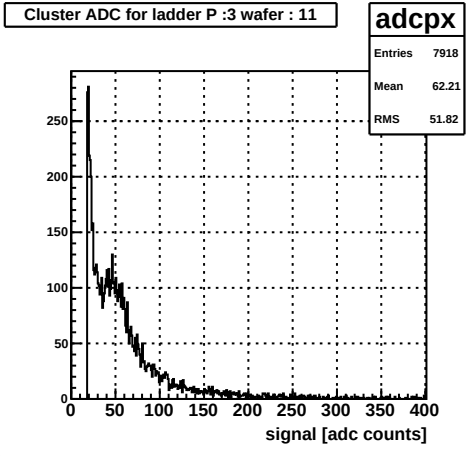

Cluster ADC for ladder P :3 wafer : 10
adcpx
Entries 7878
Mean 69.31
RMS 57.45
signal [adc counts]

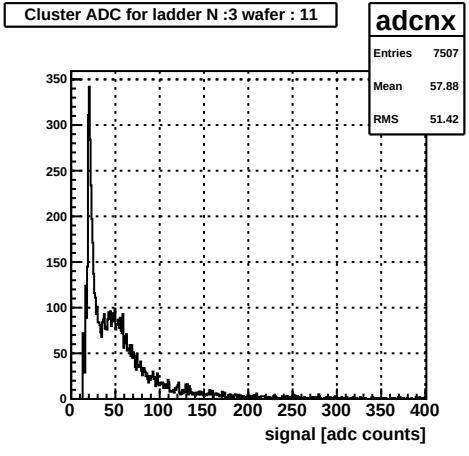

Cluster ADC for ladder N :3 wafer : 10
adcnx
Entries 11074
Mean 52.57
RMS 51.14
signal [adc counts]

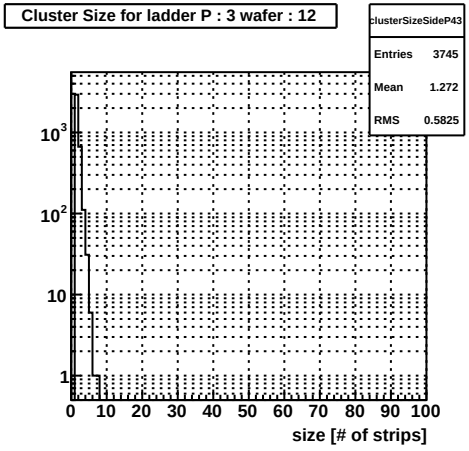

Cluster Size for ladder P : 3 wafer : 11
clusterSizeSideP42
Entries 7918
Mean 1.281
RMS 0.5977
size [# of strips]

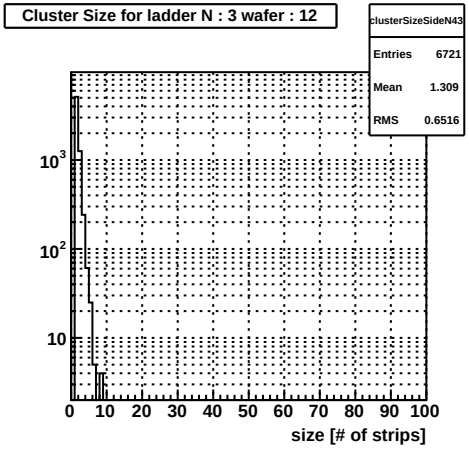

Cluster Size for ladder N : 3 wafer : 11
clusterSizeSideN42
Entries 7507
Mean 1.336
RMS 0.6546
size [# of strips]

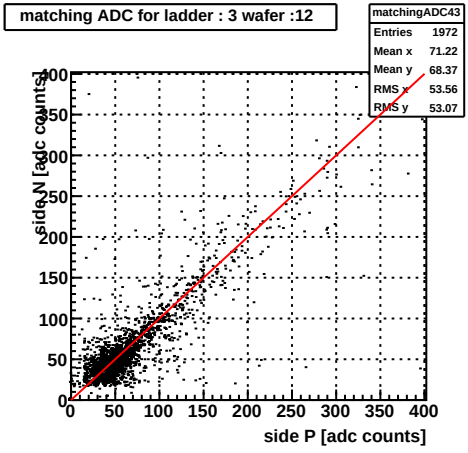

matching ADC for ladder : 3 wafer :11
matchingADC42
Entries 5388
Mean x 72.83
Mean y 66.35
RMS x 53.49
RMS y 49.59
side N [adc counts]
side P [adc counts]

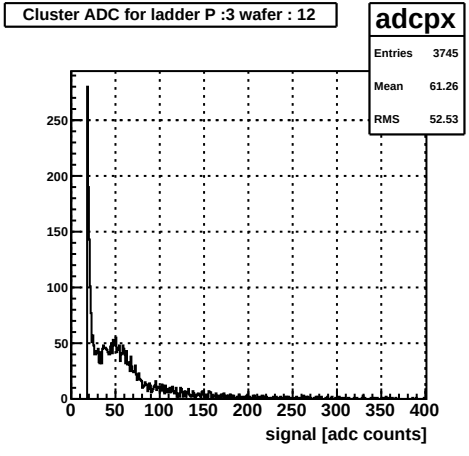

Cluster ADC for ladder P :3 wafer : 11
adcpx
Entries 7918
Mean 62.21
RMS 51.82
signal [adc counts]

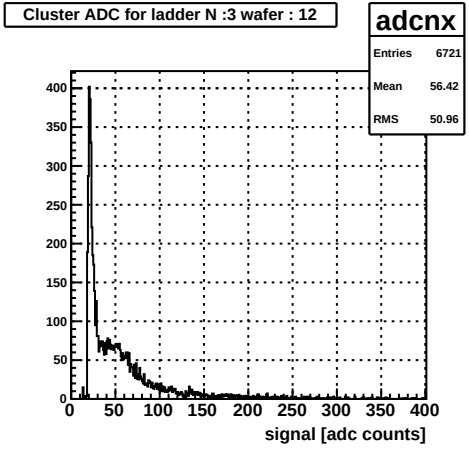

Cluster ADC for ladder N :3 wafer : 11
adcnx
Entries 7507
Mean 57.88
RMS 51.42
signal [adc counts]

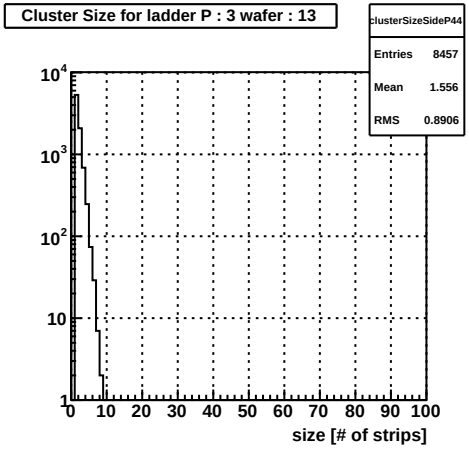

Cluster Size for ladder P : 3 wafer : 12
clusterSizeSideP43
Entries 3745
Mean 1.272
RMS 0.5825
size [# of strips]

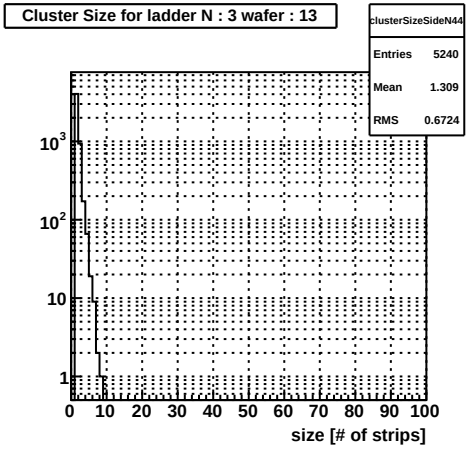

Cluster Size for ladder N : 3 wafer : 12
clusterSizeSideN43
Entries 6721
Mean 1.309
RMS 0.6516
size [# of strips]

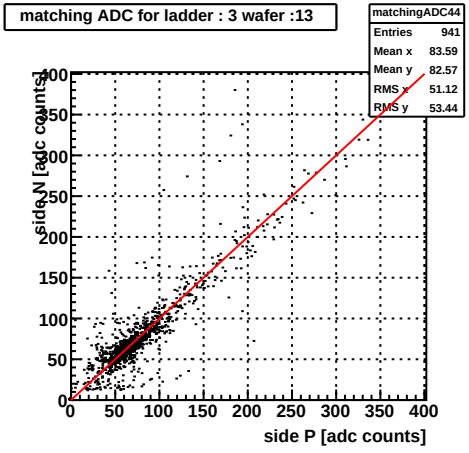

matching ADC for ladder : 3 wafer :12
matchingADC43
Entries 1972
Mean x 71.22
Mean y 68.37
RMS x 53.56
RMS y 53.07
side N [adc counts]
side P [adc counts]

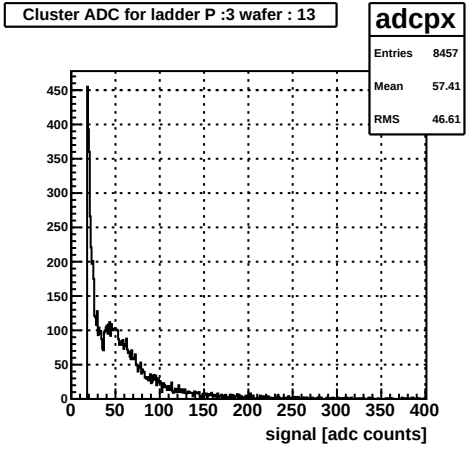

Cluster ADC for ladder P :3 wafer : 12
adcpx
Entries 3745
Mean 61.26
RMS 52.53
signal [adc counts]

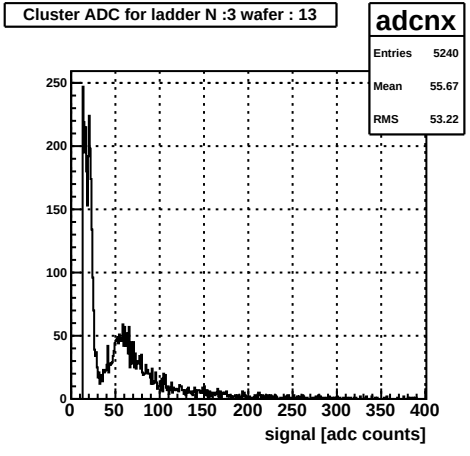

Cluster ADC for ladder N :3 wafer : 12
adcnx
Entries 6721
Mean 56.42
RMS 50.96
signal [adc counts]

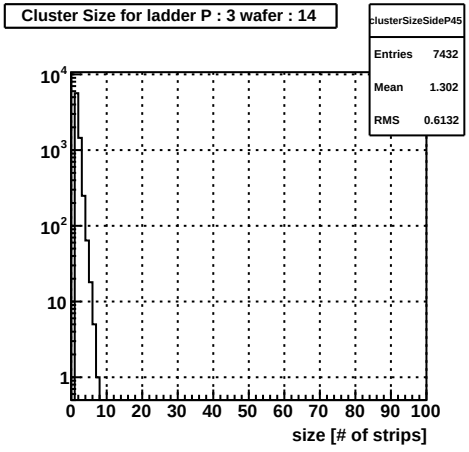

Cluster Size for ladder P : 3 wafer : 13
clusterSizeSideP44
Entries 8457
Mean 1.556
RMS 0.8906
size [# of strips]

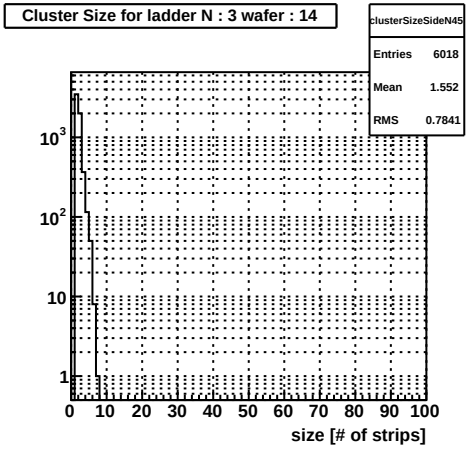

Cluster Size for ladder N : 3 wafer : 13
clusterSizeSideN44
Entries 5240
Mean 1.309
RMS 0.6724
size [# of strips]

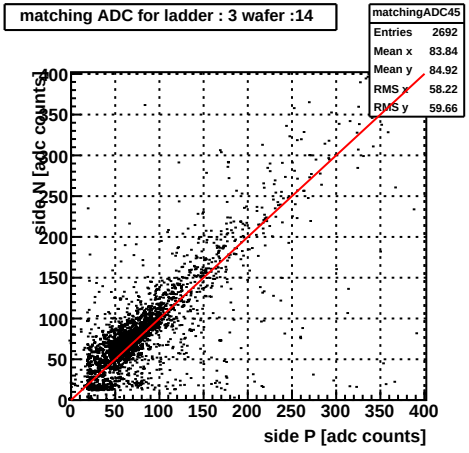

matching ADC for ladder : 3 wafer :13
matchingADC44
Entries 941
Mean x 83.59
Mean y 82.57
RMS x 51.12
RMS y 53.44
side N [adc counts]
side P [adc counts]

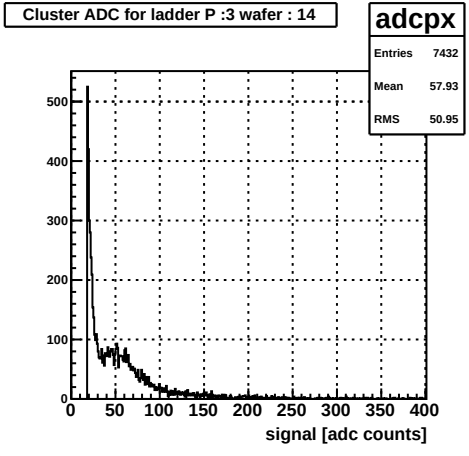

Cluster ADC for ladder P :3 wafer : 13
adcpx
Entries 8457
Mean 57.41
RMS 46.61
signal [adc counts]

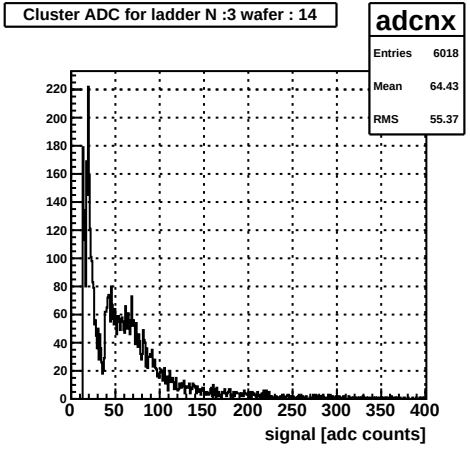

Cluster ADC for ladder N :3 wafer : 13
adcnx
Entries 5240
Mean 55.67
RMS 53.22
signal [adc counts]

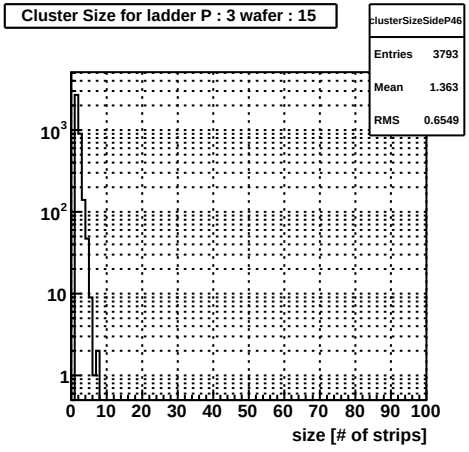

Cluster Size for ladder P : 3 wafer : 14
clusterSizeSideP45
Entries 7432
Mean 1.302
RMS 0.6132
size [# of strips]

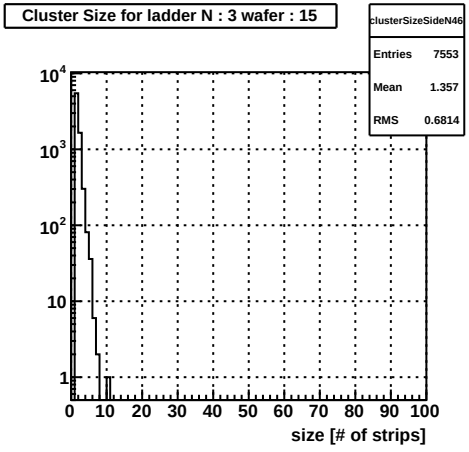

Cluster Size for ladder N : 3 wafer : 14
clusterSizeSideN45
Entries 6018
Mean 1.552
RMS 0.7841
size [# of strips]

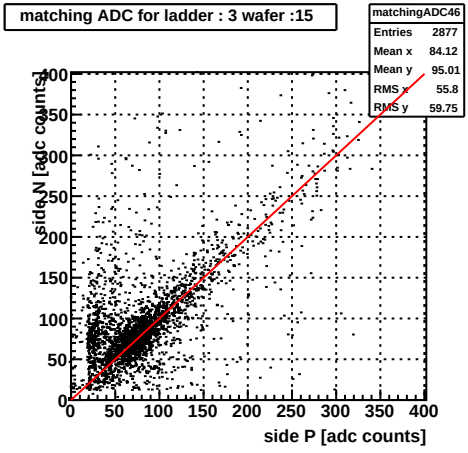

matching ADC for ladder : 3 wafer :14
matchingADC45
Entries 2692
Mean x 83.84
Mean y 84.92
RMS x 58.22
RMS y 59.66
side N [adc counts]
side P [adc counts]

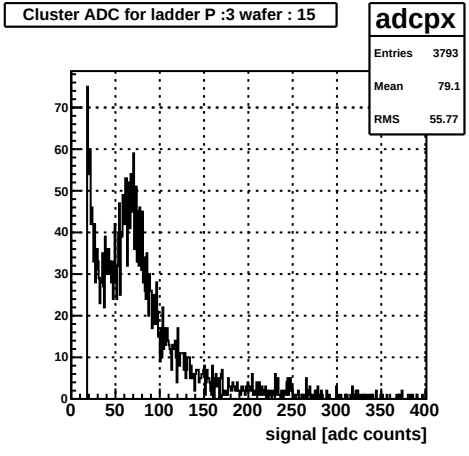

Cluster ADC for ladder P :3 wafer : 14
adcpx
Entries 7432
Mean 57.93
RMS 50.95
signal [adc counts]

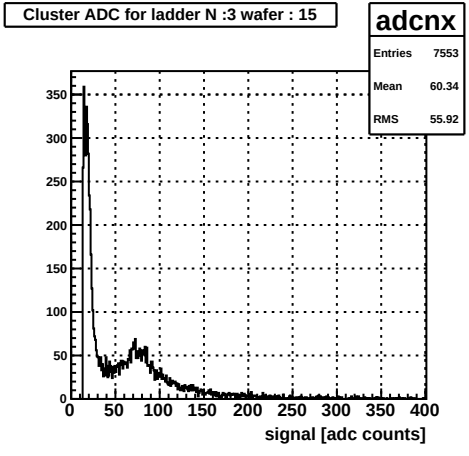

Cluster ADC for ladder N :3 wafer : 14
adcnx
Entries 6018
Mean 64.43
RMS 55.37
signal [adc counts]

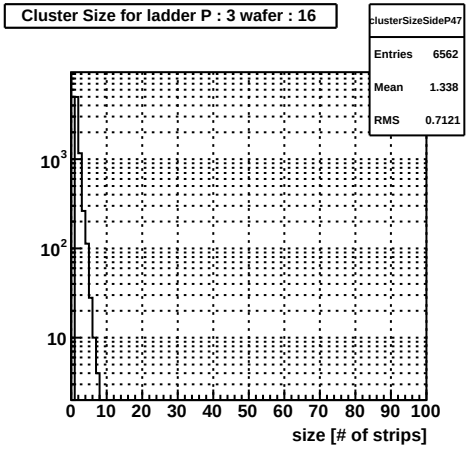

Cluster Size for ladder P : 3 wafer : 15
clusterSizeSideP46
Entries 3793
Mean 1.363
RMS 0.6549
size [# of strips]

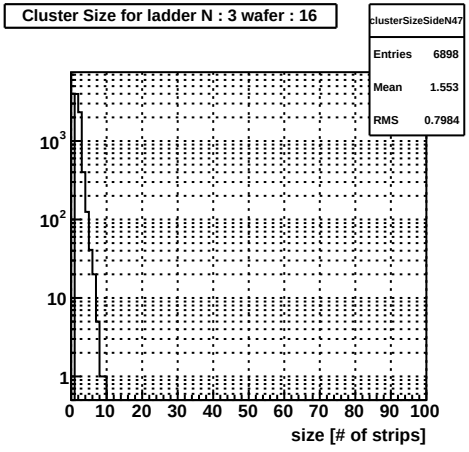

Cluster Size for ladder N : 3 wafer : 15
clusterSizeSideN46
Entries 7553
Mean 1.357
RMS 0.6814
size [# of strips]

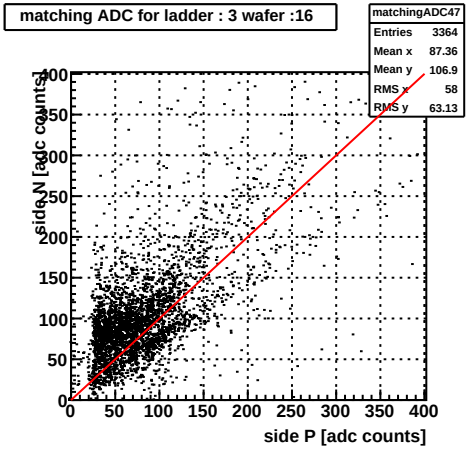

matching ADC for ladder : 3 wafer :15
matchingADC46
Entries 2877
Mean x 84.12
Mean y 95.01
RMS x 55.8
RMS y 59.75
side N [adc counts]
side P [adc counts]

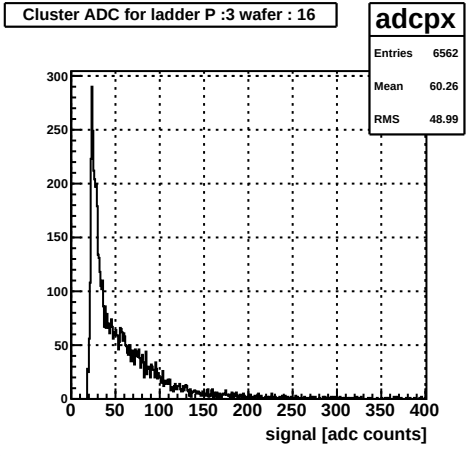

Cluster ADC for ladder P :3 wafer : 15
adcpx
Entries 3793
Mean 79.1
RMS 55.77
signal [adc counts]

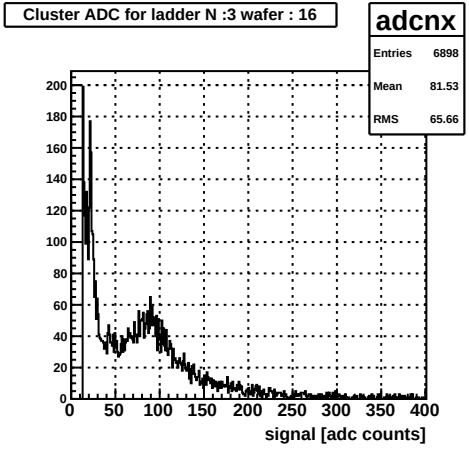

Cluster ADC for ladder N :3 wafer : 15
adcnx
Entries 7553
Mean 60.34
RMS 55.92
signal [adc counts]

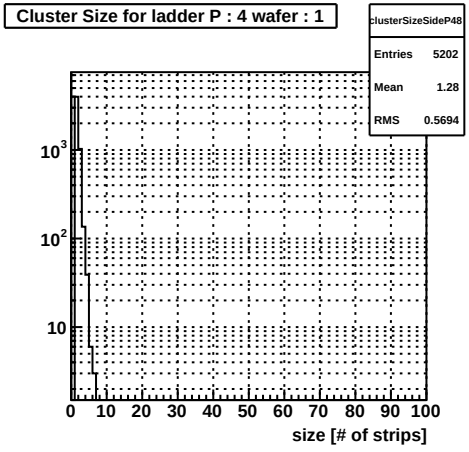

Cluster Size for ladder P : 3 wafer : 16
clusterSizeSideP47
Entries 6562
Mean 1.338
RMS 0.7121
size [# of strips]

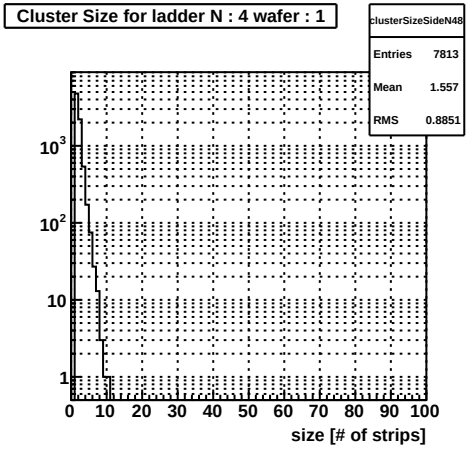

Cluster Size for ladder N : 3 wafer : 16
clusterSizeSideN47
Entries 6898
Mean 1.553
RMS 0.7984
size [# of strips]

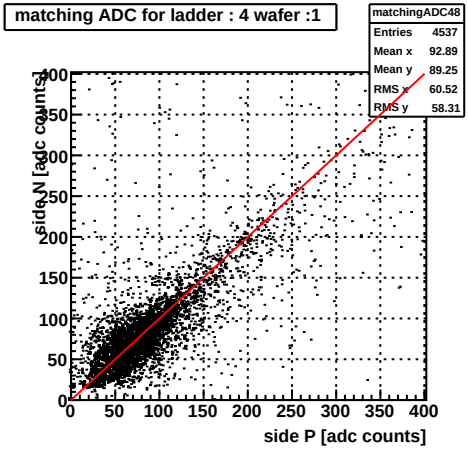

matching ADC for ladder : 3 wafer :16
matchingADC47
Entries 3364
Mean x 87.36
Mean y 106.9
RMS x 58
RMS y 63.13
side N [adc counts]
side P [adc counts]

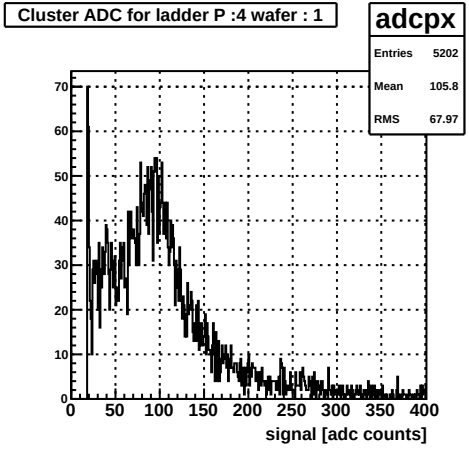

Cluster ADC for ladder P :3 wafer : 16
adcpx
Entries 6562
Mean 60.26
RMS 48.99
signal [adc counts]

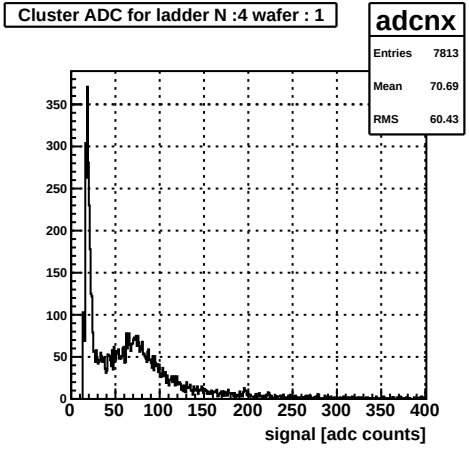

Cluster ADC for ladder N :3 wafer : 16
adcnx
Entries 6898
Mean 81.53
RMS 65.66
signal [adc counts]

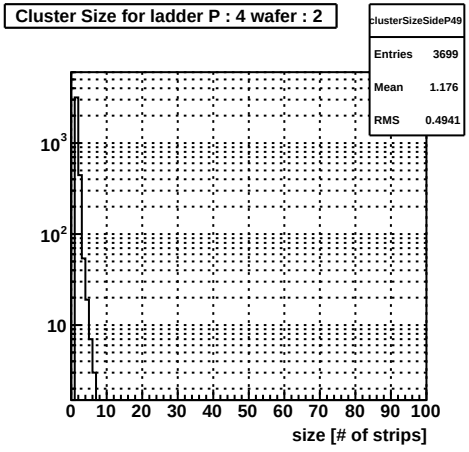

Cluster Size for ladder P : 4 wafer : 1
clusterSizeSideP48
Entries 5202
Mean 1.28
RMS 0.5694
size [# of strips]

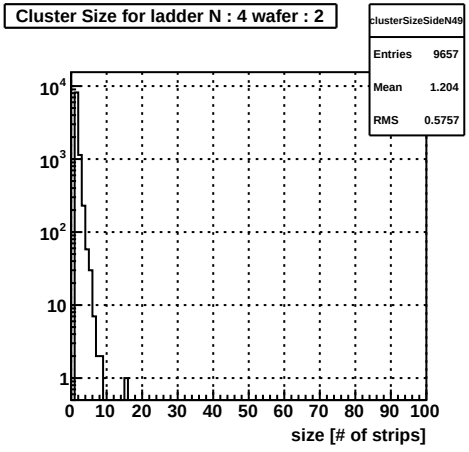

Cluster Size for ladder N : 4 wafer : 1
clusterSizeSideN48
Entries 7813
Mean 1.557
RMS 0.8851
size [# of strips]

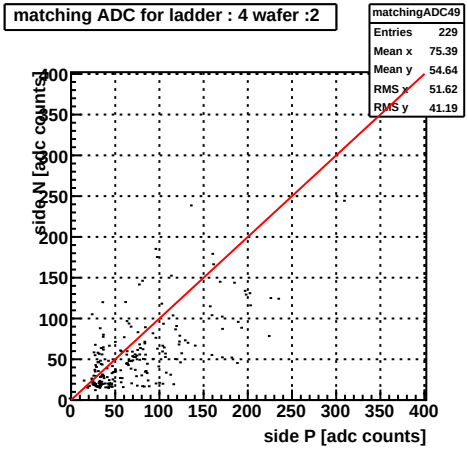

matching ADC for ladder : 4 wafer :1
matchingADC48
Entries 4537
Mean x 92.89
Mean y 89.25
RMS x 60.52
RMS y 58.31
side N [adc counts]
side P [adc counts]

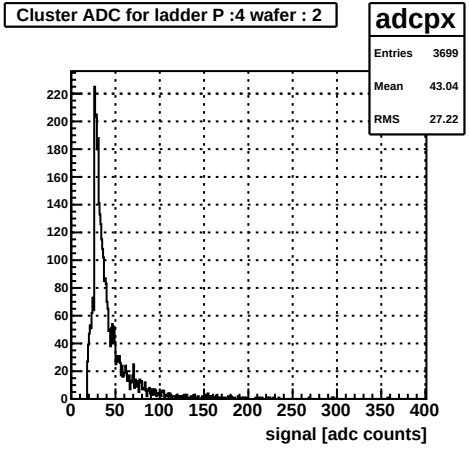

Cluster ADC for ladder P :4 wafer : 1
adcpx
Entries 5202
Mean 105.8
RMS 67.97
signal [adc counts]

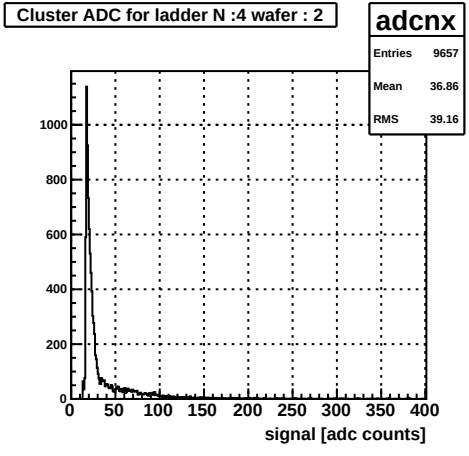

Cluster ADC for ladder N :4 wafer : 1
adcnx
Entries 7813
Mean 70.69
RMS 60.43
signal [adc counts]

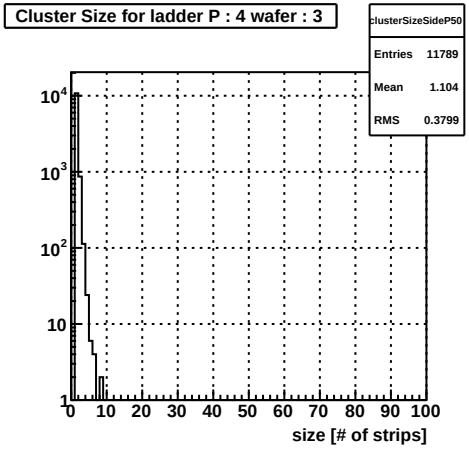

Cluster Size for ladder P : 4 wafer : 2
clusterSizeSideP49
Entries 3699
Mean 1.176
RMS 0.4941
size [# of strips]

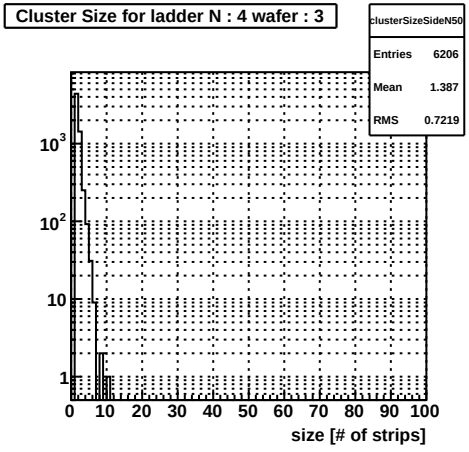

Cluster Size for ladder N : 4 wafer : 2
clusterSizeSideN49
Entries 9657
Mean 1.204
RMS 0.5757
size [# of strips]

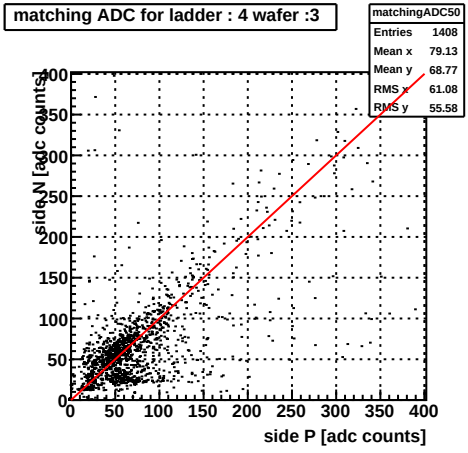

matching ADC for ladder : 4 wafer :2
matchingADC49
Entries 229
Mean x 75.39
Mean y 54.64
RMS x 51.62
RMS y 41.19
side N [adc counts]
side P [adc counts]

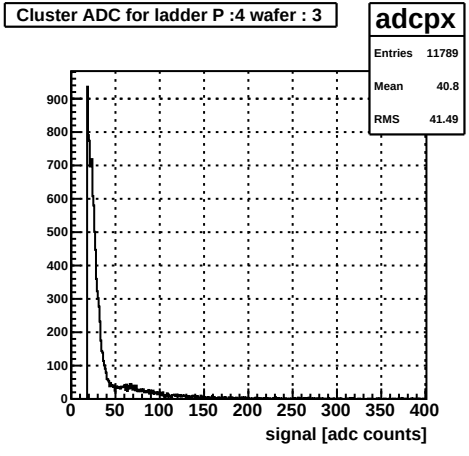

Cluster ADC for ladder P :4 wafer : 2
adcpx
Entries 3699
Mean 43.04
RMS 27.22
signal [adc counts]

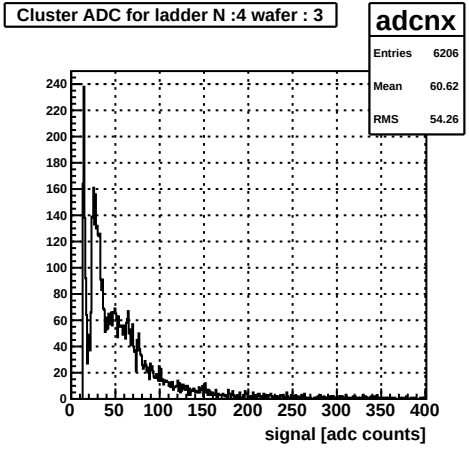

Cluster ADC for ladder N :4 wafer : 2
adcnx
Entries 9657
Mean 36.86
RMS 39.16
signal [adc counts]

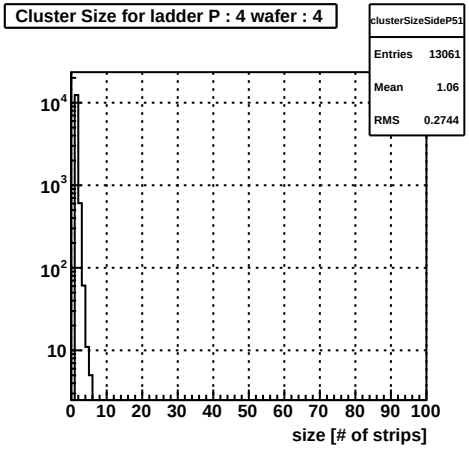

Cluster Size for ladder P : 4 wafer : 3
clusterSizeSideP50
Entries 11789
Mean 1.104
RMS 0.3799
size [# of strips]

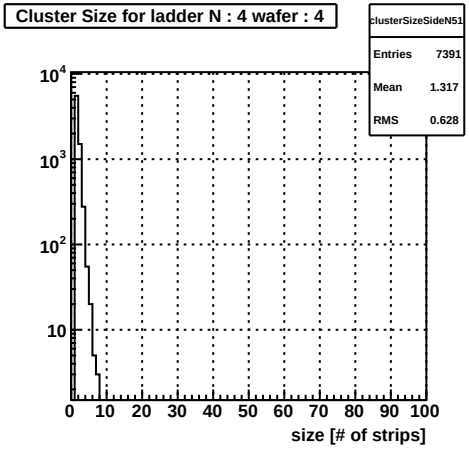

Cluster Size for ladder N : 4 wafer : 3
clusterSizeSideN50
Entries 6206
Mean 1.387
RMS 0.7219
size [# of strips]

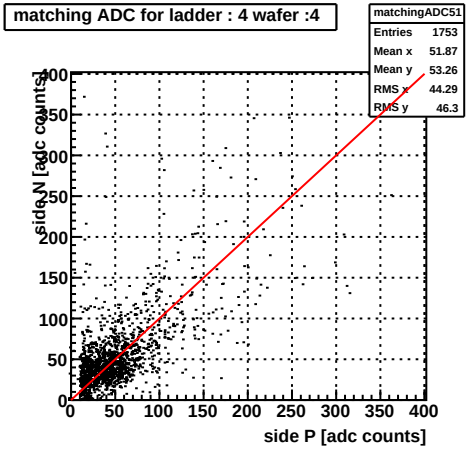

matching ADC for ladder : 4 wafer :3
matchingADC50
Entries 1408
Mean x 79.13
Mean y 68.77
RMS x 61.08
RMS y 55.58
side N [adc counts]
side P [adc counts]

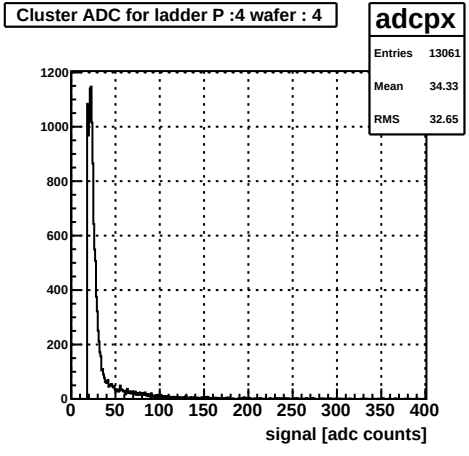

Cluster ADC for ladder P :4 wafer : 3
adcpx
Entries 11789
Mean 40.8
RMS 41.49
signal [adc counts]

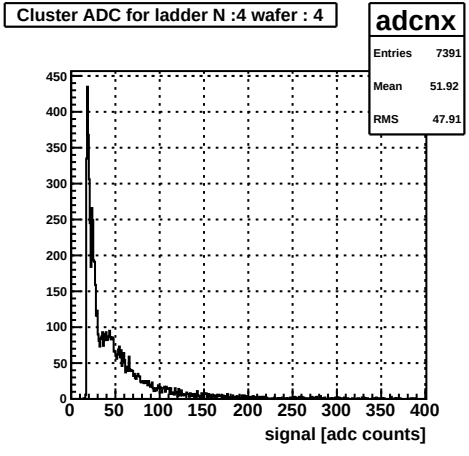

Cluster ADC for ladder N :4 wafer : 3
adcnx
Entries 6206
Mean 60.62
RMS 54.26
signal [adc counts]

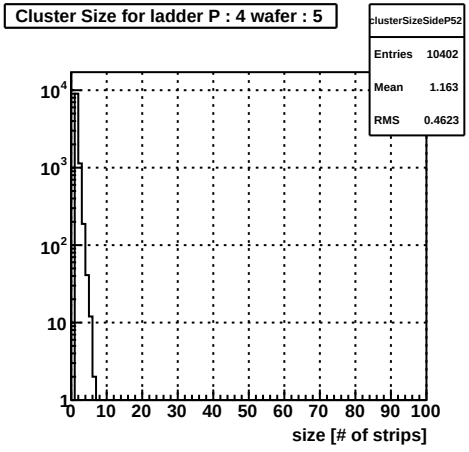

Cluster Size for ladder P : 4 wafer : 4
clusterSizeSideP51
Entries 13061
Mean 1.06
RMS 0.2744
size [# of strips]

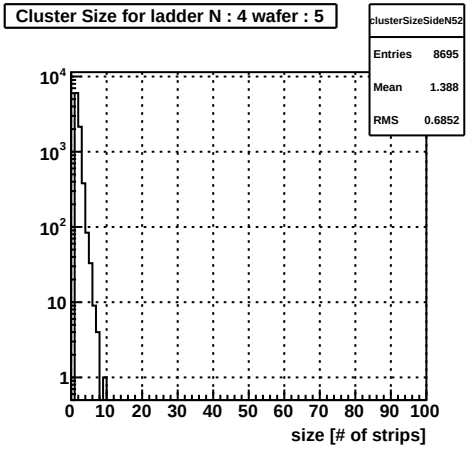

Cluster Size for ladder N : 4 wafer : 4
clusterSizeSideN51
Entries 7391
Mean 1.317
RMS 0.628
size [# of strips]

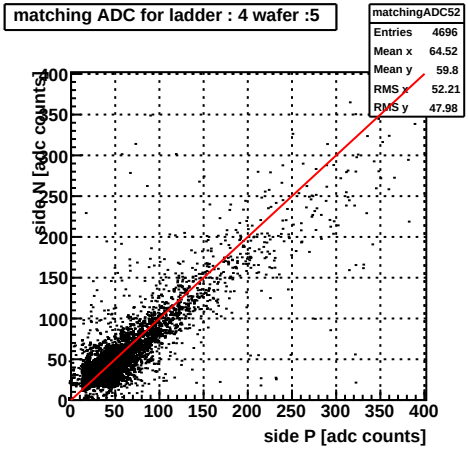

matching ADC for ladder : 4 wafer :4
matchingADC51
Entries 1753
Mean x 51.87
Mean y 53.26
RMS x 44.29
RMS y 46.3
side N [adc counts]
side P [adc counts]

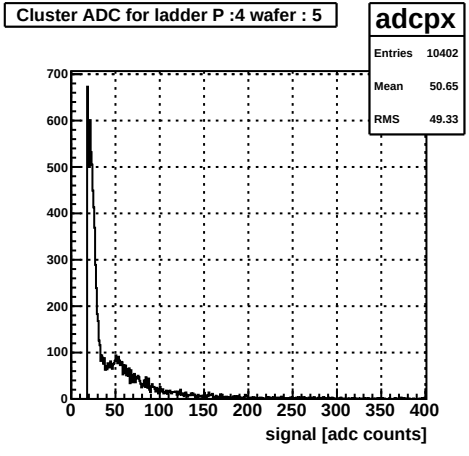

Cluster ADC for ladder P :4 wafer : 4
adcpx
Entries 13061
Mean 34.33
RMS 32.65
signal [adc counts]

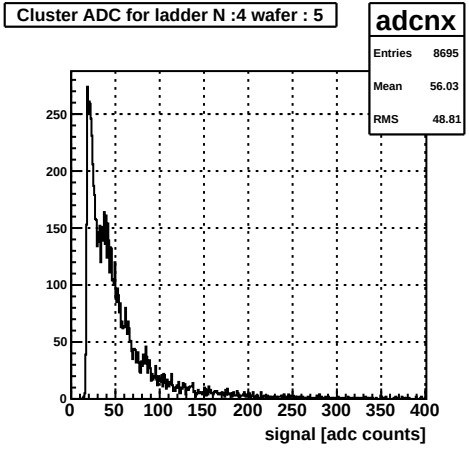

Cluster ADC for ladder N :4 wafer : 4
adcnx
Entries 7391
Mean 51.92
RMS 47.91
signal [adc counts]

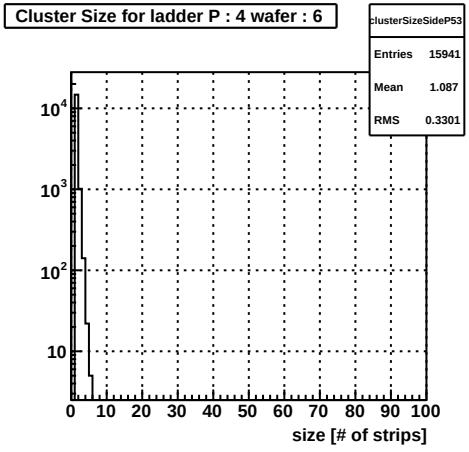

Cluster Size for ladder P : 4 wafer : 5
clusterSizeSideP52
Entries 10402
Mean 1.163
RMS 0.4623
size [# of strips]

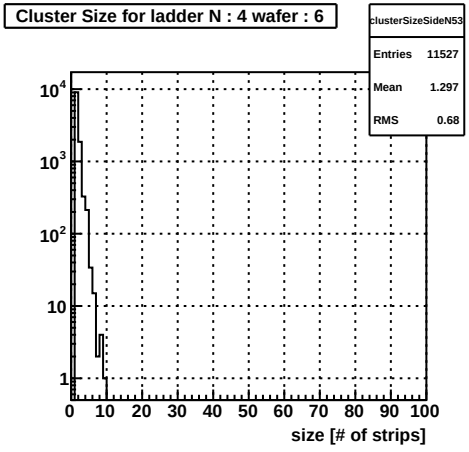

Cluster Size for ladder N : 4 wafer : 5
clusterSizeSideN52
Entries 8695
Mean 1.388
RMS 0.6852
size [# of strips]

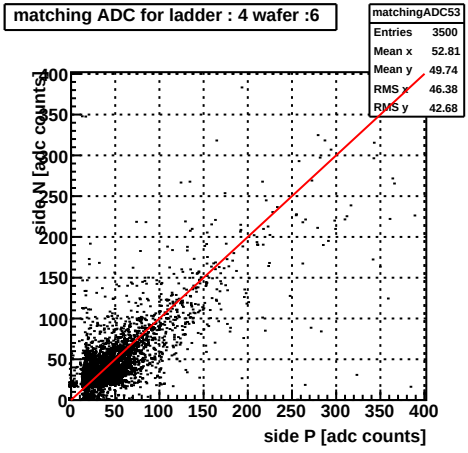

matching ADC for ladder : 4 wafer :5
matchingADC52
Entries 4696
Mean x 64.52
Mean y 59.8
RMS x 52.21
RMS y 47.98
side N [adc counts]
side P [adc counts]

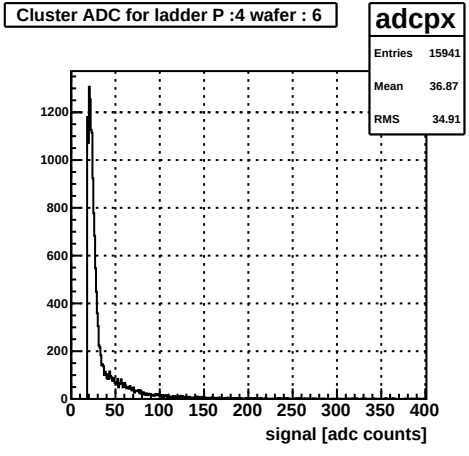

Cluster ADC for ladder P :4 wafer : 5
adcpx
Entries 10402
Mean 50.65
RMS 49.33
signal [adc counts]

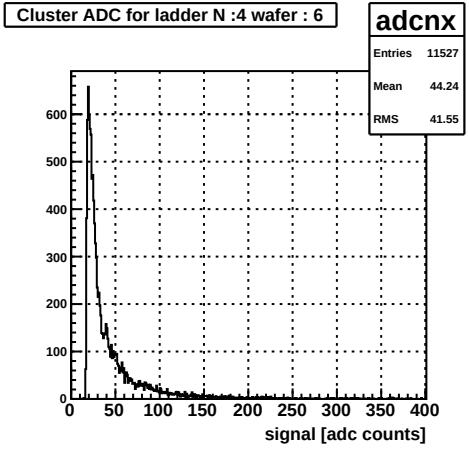

Cluster ADC for ladder N :4 wafer : 5
adcnx
Entries 8695
Mean 56.03
RMS 48.81
signal [adc counts]

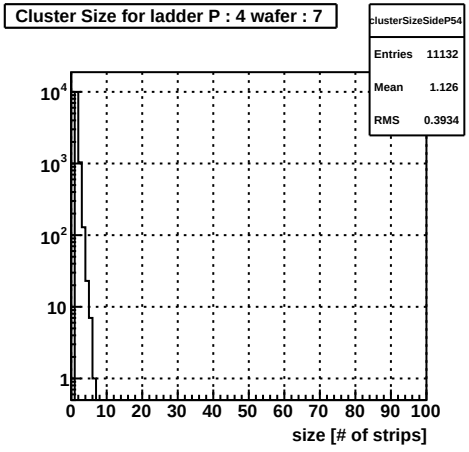

Cluster Size for ladder P : 4 wafer : 6
clusterSizeSideP53
Entries 15941
Mean 1.087
RMS 0.3301
size [# of strips]

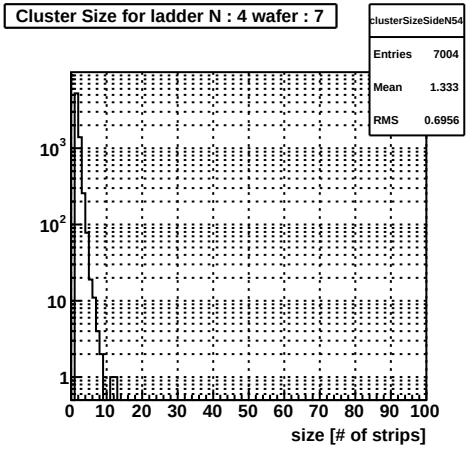

Cluster Size for ladder N : 4 wafer : 6
clusterSizeSideN53
Entries 11527
Mean 1.297
RMS 0.68
size [# of strips]

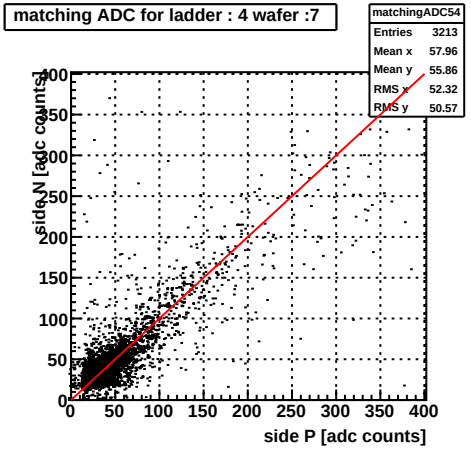

matching ADC for ladder : 4 wafer :6
matchingADC53
Entries 3500
Mean x 52.81
Mean y 49.74
RMS x 46.38
RMS y 42.68
side N [adc counts]
side P [adc counts]

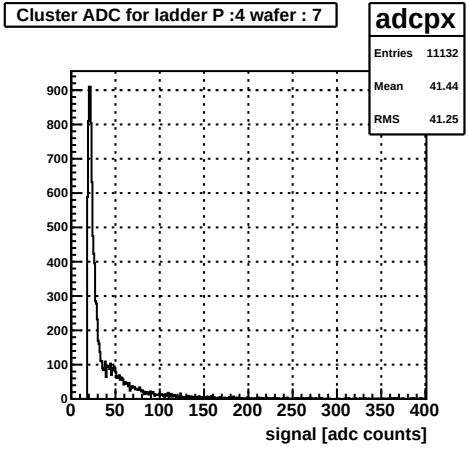

Cluster ADC for ladder P :4 wafer : 6
adcpx
Entries 15941
Mean 36.87
RMS 34.91
signal [adc counts]

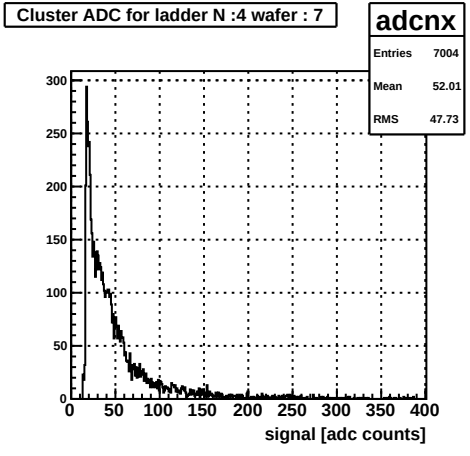

Cluster ADC for ladder N :4 wafer : 6
adcnx
Entries 11527
Mean 44.24
RMS 41.55
signal [adc counts]

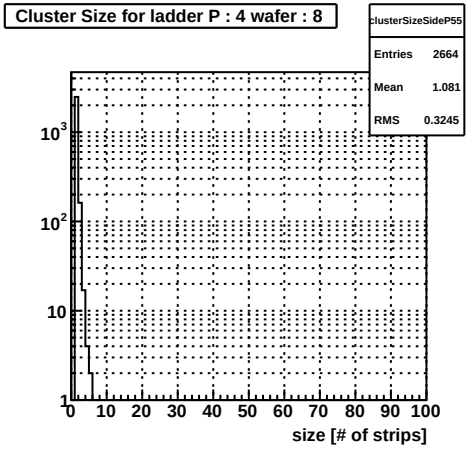

Cluster Size for ladder P : 4 wafer : 7
clusterSizeSideP54
Entries 11132
Mean 1.126
RMS 0.3934
size [# of strips]

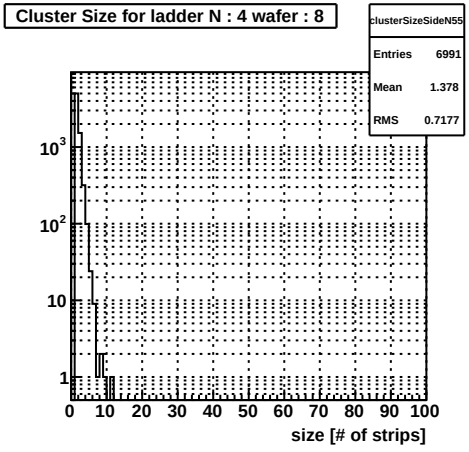

Cluster Size for ladder N : 4 wafer : 7
clusterSizeSideN54
Entries 7004
Mean 1.333
RMS 0.6956
size [# of strips]

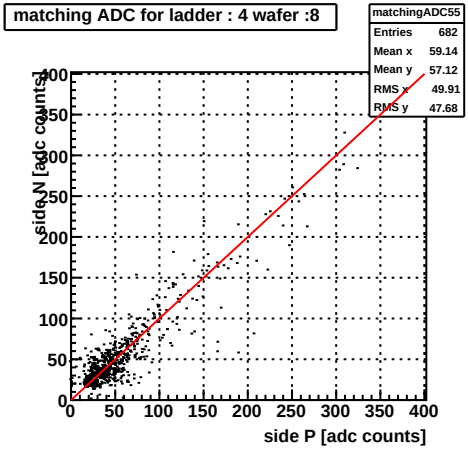

matching ADC for ladder : 4 wafer :7
matchingADC54
Entries 3213
Mean x 57.96
Mean y 55.86
RMS x 52.32
RMS y 50.57
side N [adc counts]
side P [adc counts]

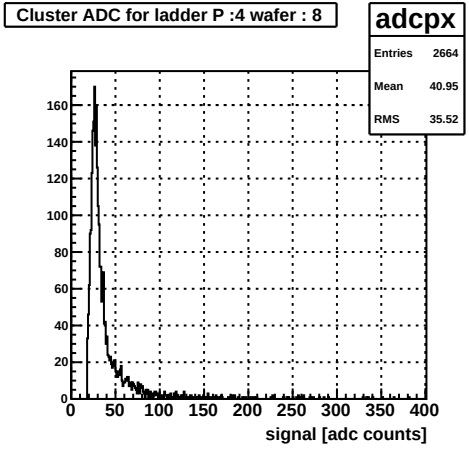

Cluster ADC for ladder P :4 wafer : 7
adcpx
Entries 11132
Mean 41.44
RMS 41.25
signal [adc counts]

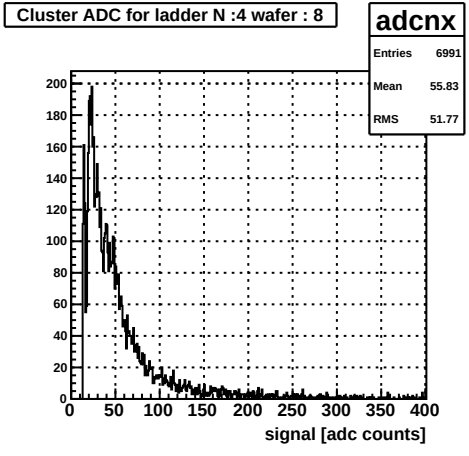

Cluster ADC for ladder N :4 wafer : 7
adcnx
Entries 7004
Mean 52.01
RMS 47.73
signal [adc counts]

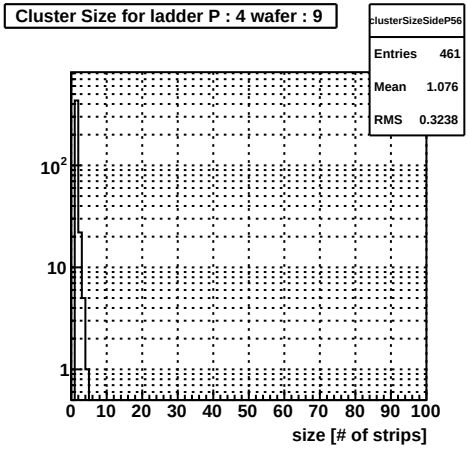

Cluster Size for ladder P : 4 wafer : 8
clusterSizeSideP55
Entries 2664
Mean 1.081
RMS 0.3245
size [# of strips]

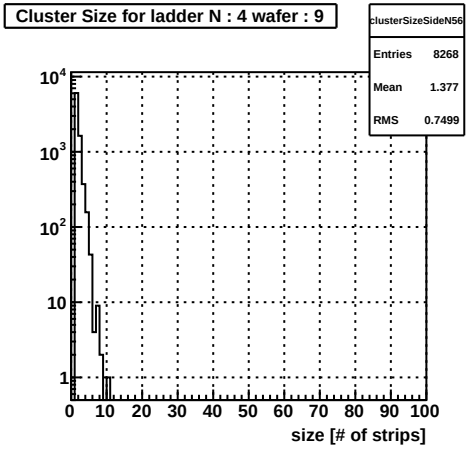

Cluster Size for ladder N : 4 wafer : 8
clusterSizeSideN55
Entries 6991
Mean 1.378
RMS 0.7177
size [# of strips]

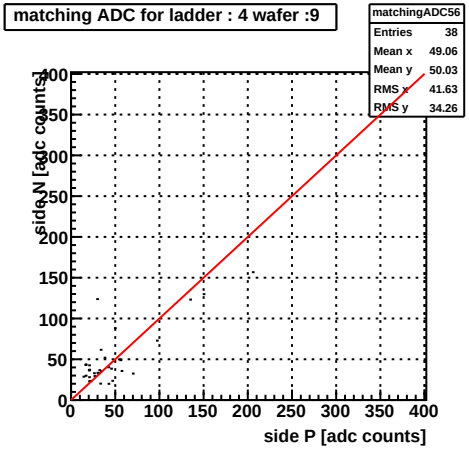

matching ADC for ladder : 4 wafer :8
matchingADC55
Entries 682
Mean x 59.14
Mean y 57.12
RMS x 49.91
RMS y 47.68
side N [adc counts]
side P [adc counts]

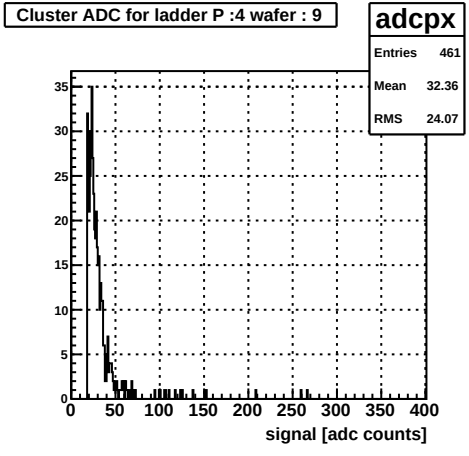

Cluster ADC for ladder P :4 wafer : 8
adcpx
Entries 2664
Mean 40.95
RMS 35.52
signal [adc counts]

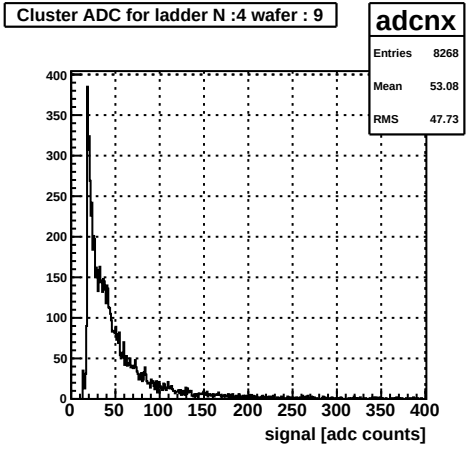

Cluster ADC for ladder N :4 wafer : 8
adcnx
Entries 6991
Mean 55.83
RMS 51.77
signal [adc counts]

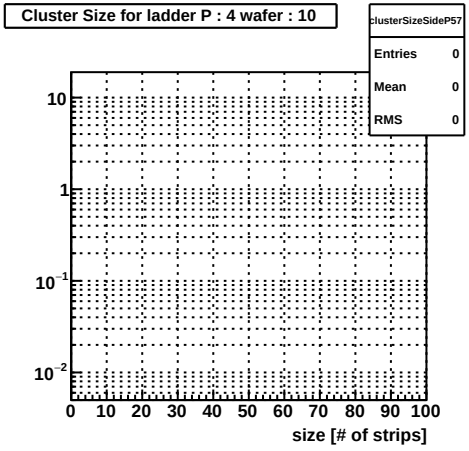

Cluster Size for ladder P : 4 wafer : 9
clusterSizeSideP56
Entries 461
Mean 1.076
RMS 0.3238
size [# of strips]

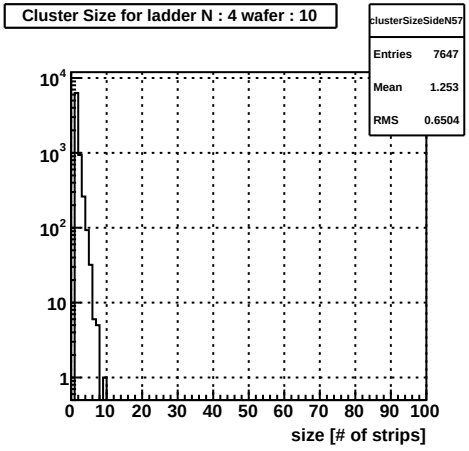

Cluster Size for ladder N : 4 wafer : 9
clusterSizeSideN56
Entries 8268
Mean 1.377
RMS 0.7499
size [# of strips]

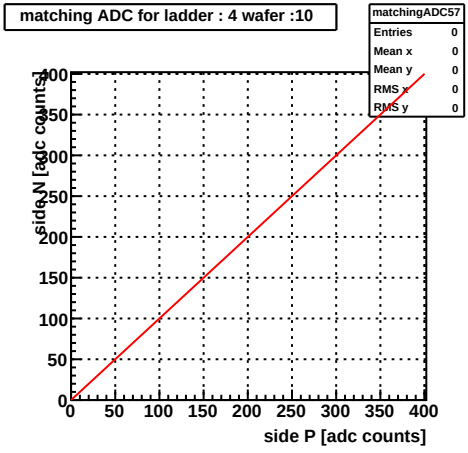

matching ADC for ladder : 4 wafer :9
matchingADC56
Entries 38
Mean x 49.06
Mean y 50.03
RMS x 41.63
RMS y 34.26
side N [adc counts]
side P [adc counts]

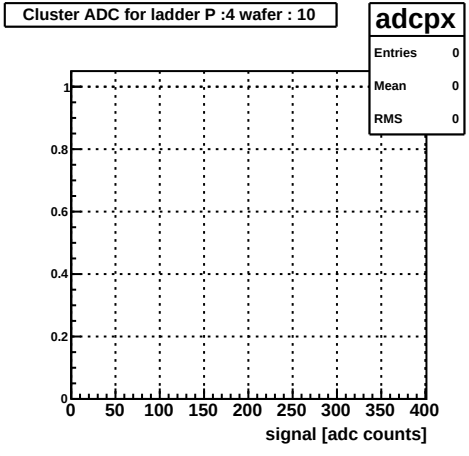

Cluster ADC for ladder P :4 wafer : 9
adcpx
Entries 461
Mean 32.36
RMS 24.07
signal [adc counts]

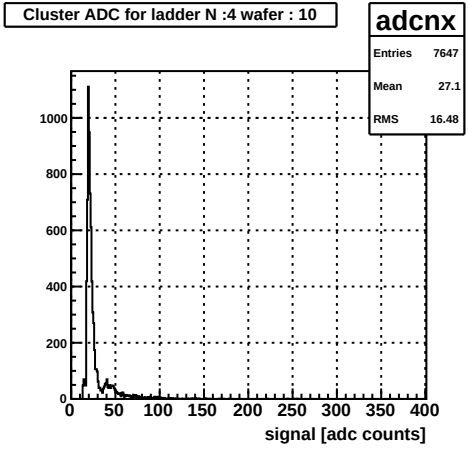

Cluster ADC for ladder N :4 wafer : 9
adcnx
Entries 8268
Mean 53.08
RMS 47.73
signal [adc counts]

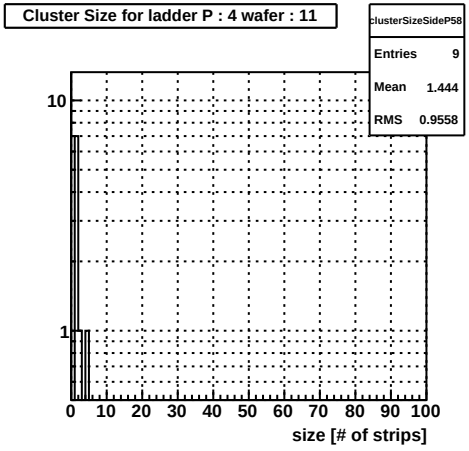

Cluster Size for ladder P : 4 wafer : 10
clusterSizeSideP57
Entries 0
Mean 0
RMS 0
size [# of strips]

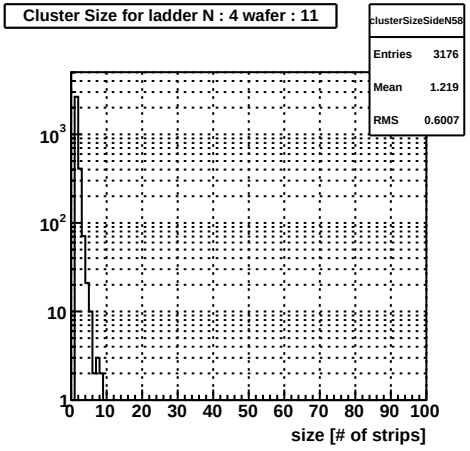

Cluster Size for ladder N : 4 wafer : 10
clusterSizeSideN57
Entries 7647
Mean 1.253
RMS 0.6504
size [# of strips]

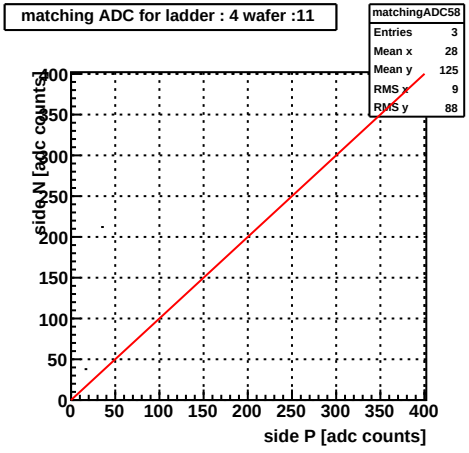

matching ADC for ladder : 4 wafer :10
matchingADC57
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

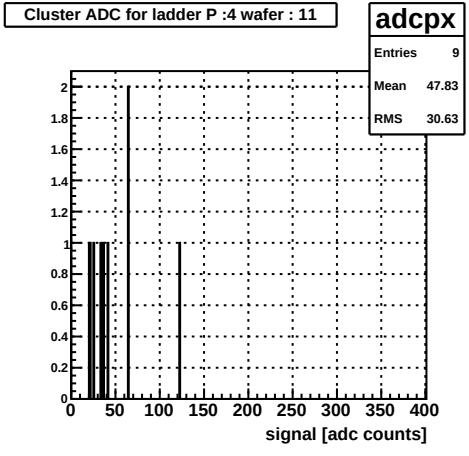

Cluster ADC for ladder P :4 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

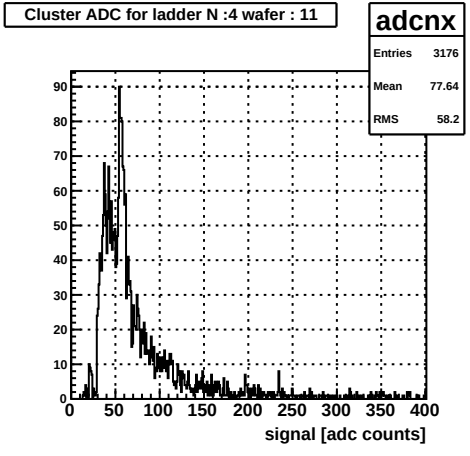

Cluster ADC for ladder N :4 wafer : 10
adcnx
Entries 7647
Mean 27.1
RMS 16.48
signal [adc counts]

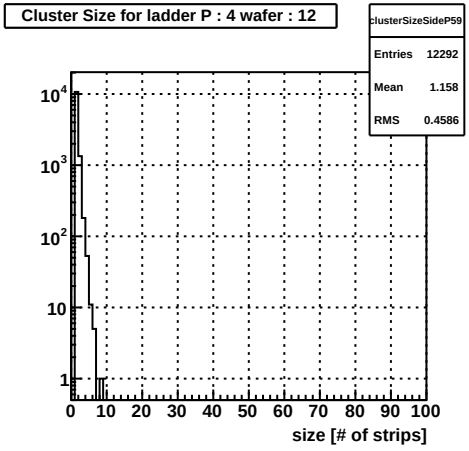

Cluster Size for ladder P : 4 wafer : 11
clusterSizeSideP58
Entries 9
Mean 1.444
RMS 0.9558
size [# of strips]

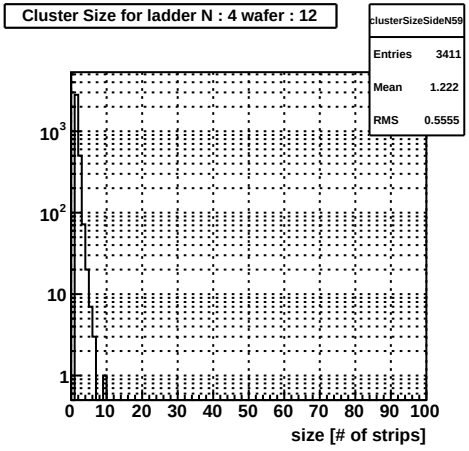

Cluster Size for ladder N : 4 wafer : 11
clusterSizeSideN58
Entries 3176
Mean 1.219
RMS 0.6007
size [# of strips]

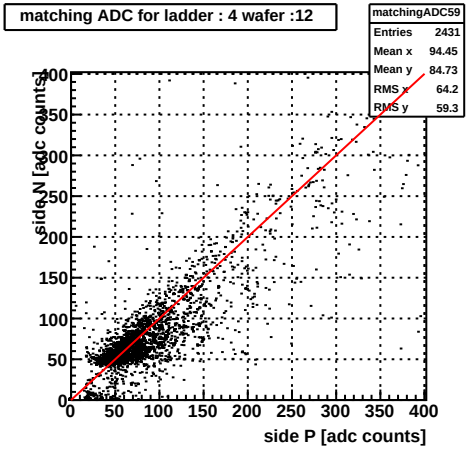

matching ADC for ladder : 4 wafer :11
matchingADC58
Entries 3
Mean x 28
Mean y 125
RMS x 9
RMS y 88
side N [adc counts]
side P [adc counts]

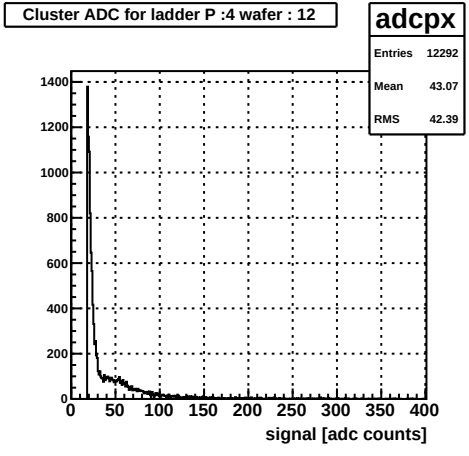

Cluster ADC for ladder P :4 wafer : 11
adcpx
Entries 9
Mean 47.83
RMS 30.63
signal [adc counts]

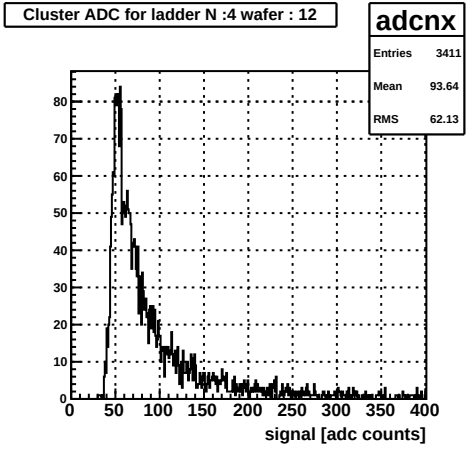

Cluster ADC for ladder N :4 wafer : 11
adcnx
Entries 3176
Mean 77.64
RMS 58.2
signal [adc counts]

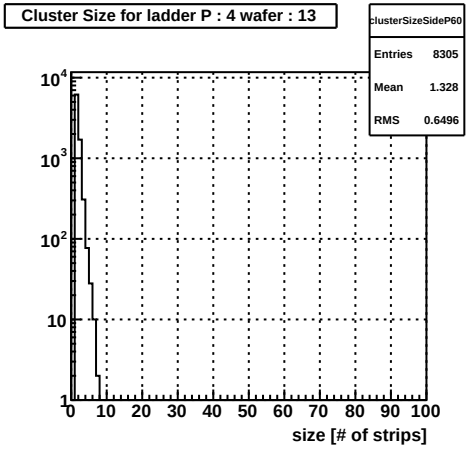

Cluster Size for ladder P : 4 wafer : 12
clusterSizeSideP59
Entries 12292
Mean 1.158
RMS 0.4586
size [# of strips]

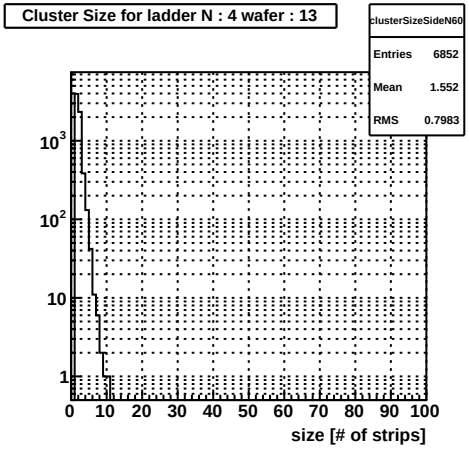

Cluster Size for ladder N : 4 wafer : 12
clusterSizeSideN59
Entries 3411
Mean 1.222
RMS 0.5555
size [# of strips]

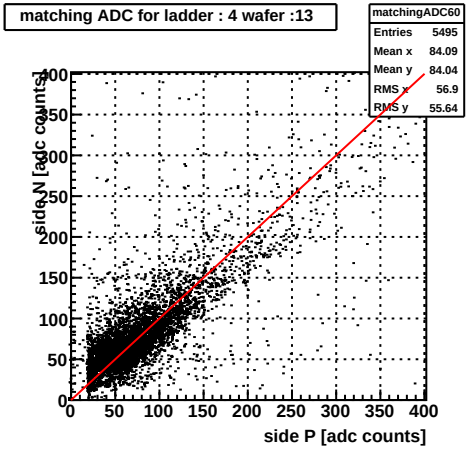

matching ADC for ladder : 4 wafer :12
matchingADC59
Entries 2431
Mean x 94.45
Mean y 84.73
RMS x 64.2
RMS y 59.3
side N [adc counts]
side P [adc counts]

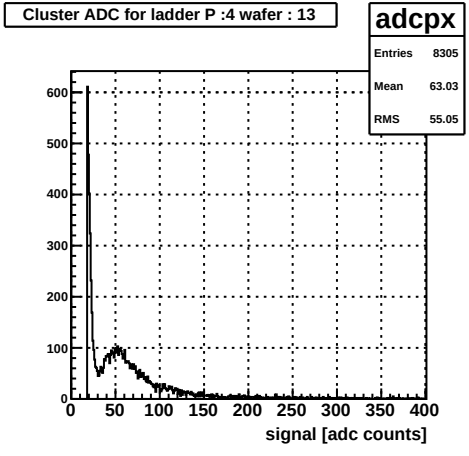

Cluster ADC for ladder P :4 wafer : 12
adcpx
Entries 12292
Mean 43.07
RMS 42.39
signal [adc counts]

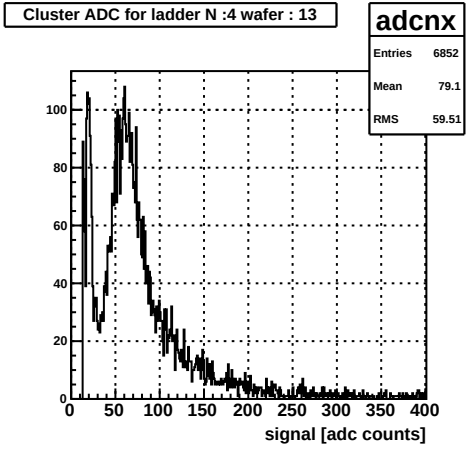

Cluster ADC for ladder N :4 wafer : 12
adcnx
Entries 3411
Mean 93.64
RMS 62.13
signal [adc counts]

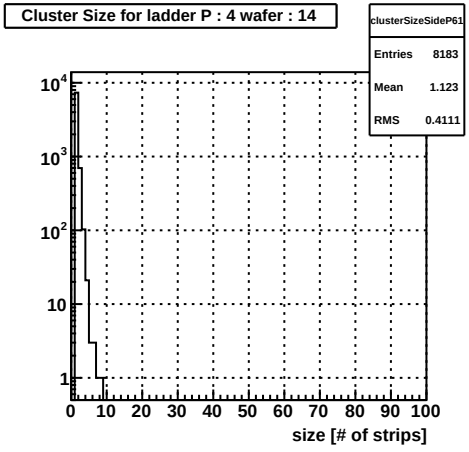

Cluster Size for ladder P : 4 wafer : 13
clusterSizeSideP60
Entries 8305
Mean 1.328
RMS 0.6496
size [# of strips]

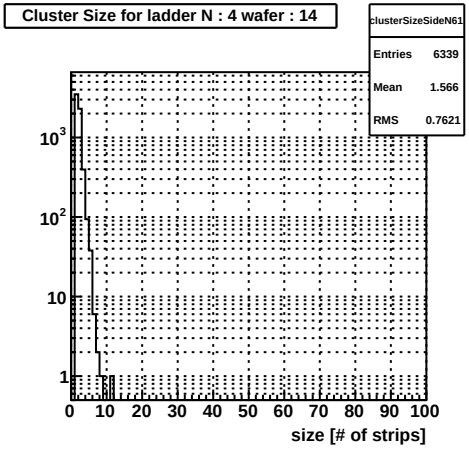

Cluster Size for ladder N : 4 wafer : 13
clusterSizeSideN60
Entries 6852
Mean 1.552
RMS 0.7983
size [# of strips]

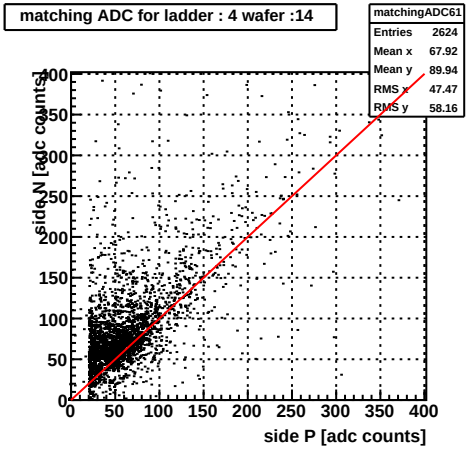

matching ADC for ladder : 4 wafer :13
matchingADC60
Entries 5495
Mean x 84.09
Mean y 84.04
RMS x 56.9
RMS y 55.64
side N [adc counts]
side P [adc counts]

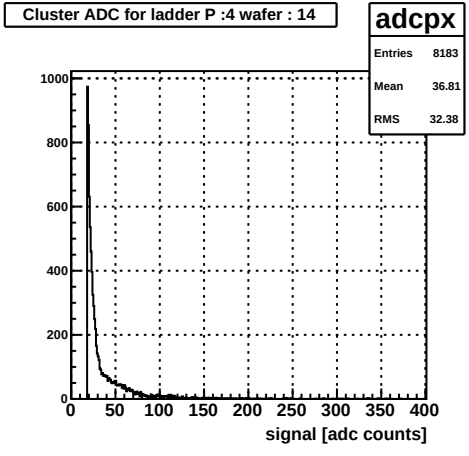

Cluster ADC for ladder P :4 wafer : 13
adcpx
Entries 8305
Mean 63.03
RMS 55.05
signal [adc counts]

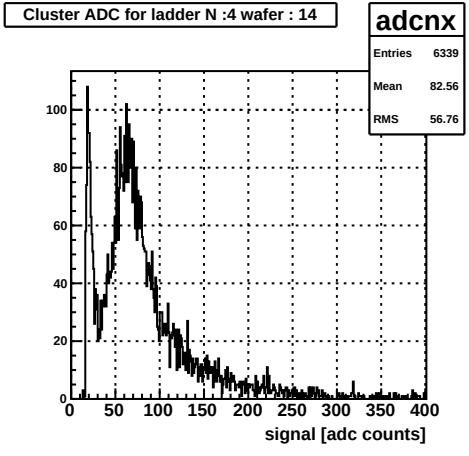

Cluster ADC for ladder N :4 wafer : 13
adcnx
Entries 6852
Mean 79.1
RMS 59.51
signal [adc counts]

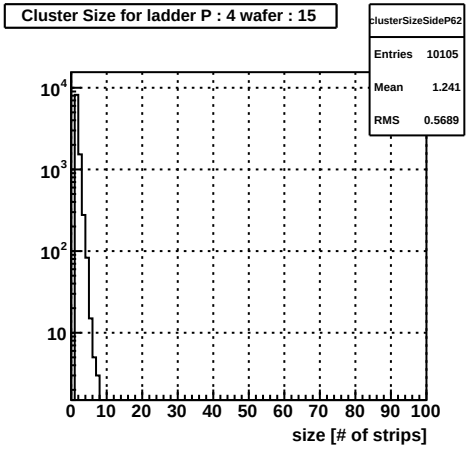

Cluster Size for ladder P : 4 wafer : 14
clusterSizeSideP61
Entries 8183
Mean 1.123
RMS 0.4111
size [# of strips]

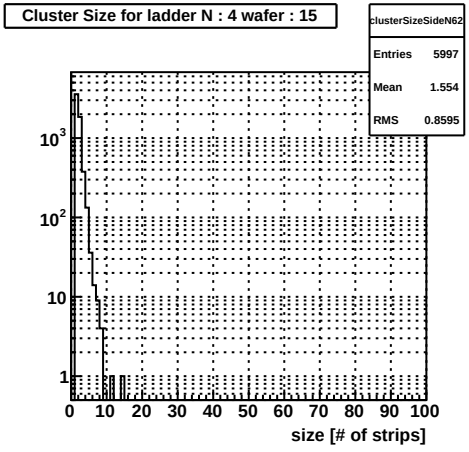

Cluster Size for ladder N : 4 wafer : 14
clusterSizeSideN61
Entries 6339
Mean 1.566
RMS 0.7621
size [# of strips]

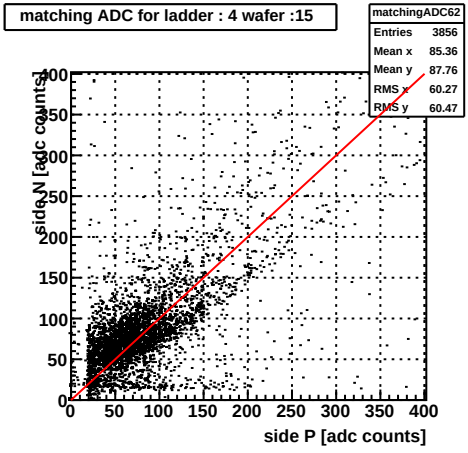

matching ADC for ladder : 4 wafer :14
matchingADC61
Entries 2624
Mean x 67.92
Mean y 89.94
RMS x 47.47
RMS y 58.16
side N [adc counts]
side P [adc counts]

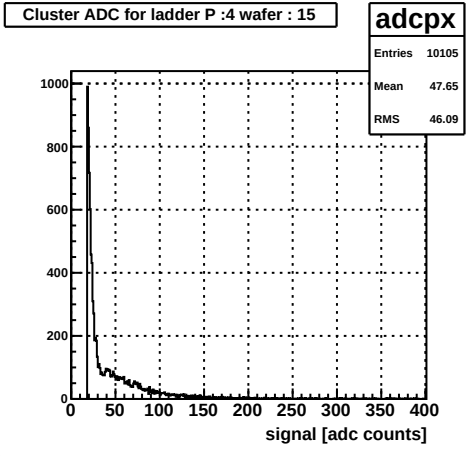

Cluster ADC for ladder P :4 wafer : 14
adcpx
Entries 8183
Mean 36.81
RMS 32.38
signal [adc counts]

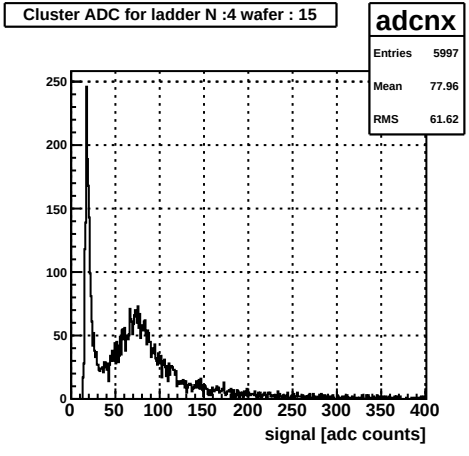

Cluster ADC for ladder N :4 wafer : 14
adcnx
Entries 6339
Mean 82.56
RMS 56.76
signal [adc counts]

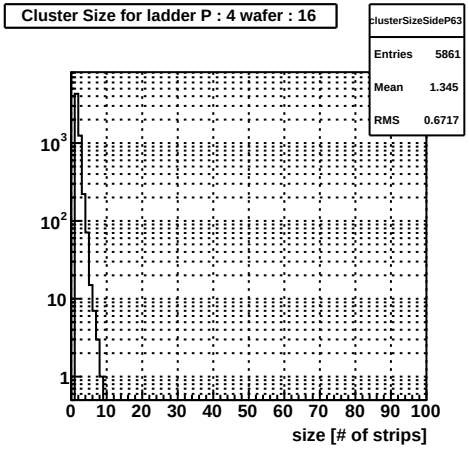

Cluster Size for ladder P : 4 wafer : 15
clusterSizeSideP62
Entries 10105
Mean 1.241
RMS 0.5689
size [# of strips]

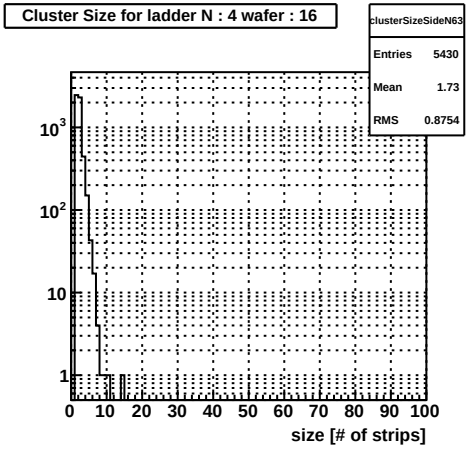

Cluster Size for ladder N : 4 wafer : 15
clusterSizeSideN62
Entries 5997
Mean 1.554
RMS 0.8595
size [# of strips]

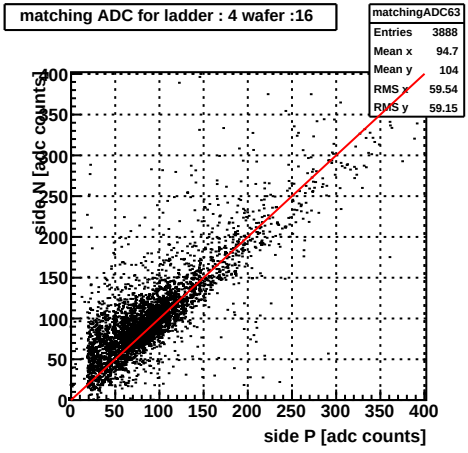

matching ADC for ladder : 4 wafer :15
matchingADC62
Entries 3856
Mean x 85.36
Mean y 87.76
RMS x 60.27
RMS y 60.47
side N [adc counts]
side P [adc counts]

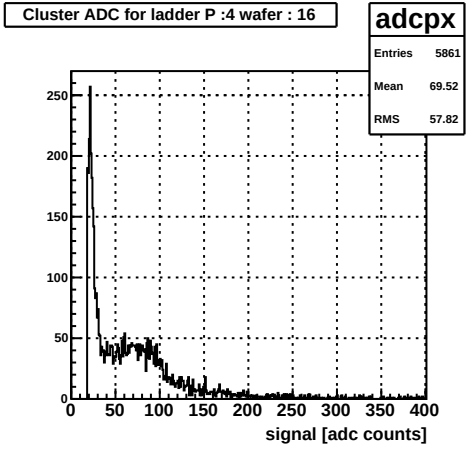

Cluster ADC for ladder P :4 wafer : 15
adcpx
Entries 10105
Mean 47.65
RMS 46.09
signal [adc counts]

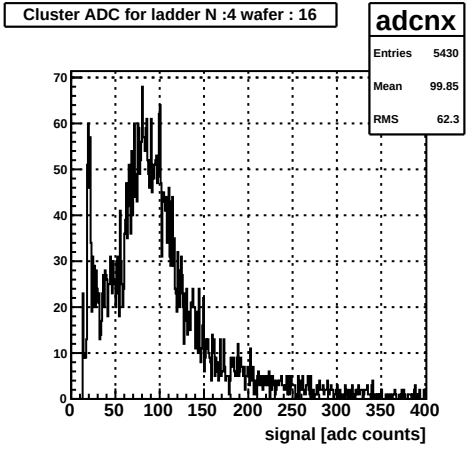

Cluster ADC for ladder N :4 wafer : 15
adcnx
Entries 5997
Mean 77.96
RMS 61.62
signal [adc counts]

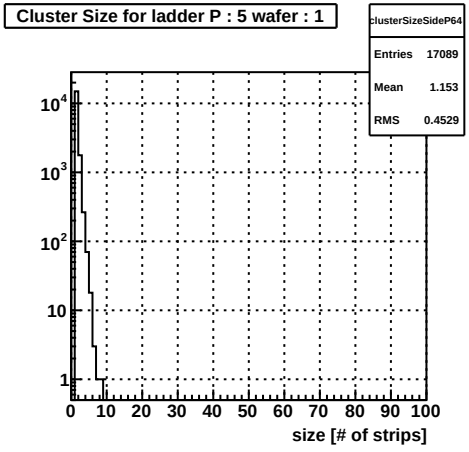

Cluster Size for ladder P : 4 wafer : 16
clusterSizeSideP63
Entries 5861
Mean 1.345
RMS 0.6717
size [# of strips]

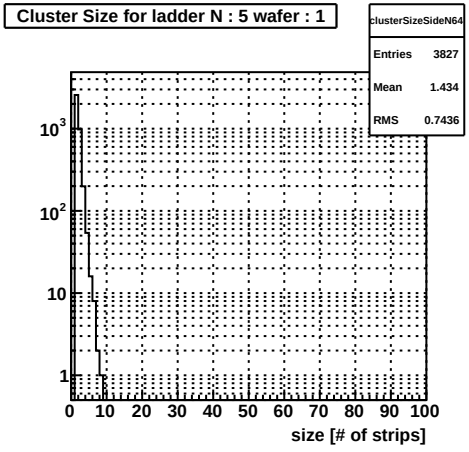

Cluster Size for ladder N : 4 wafer : 16
clusterSizeSideN63
Entries 5430
Mean 1.73
RMS 0.8754
size [# of strips]

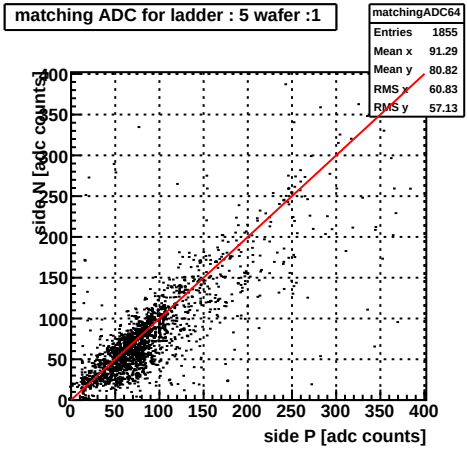

matching ADC for ladder : 4 wafer :16
matchingADC63
Entries 3888
Mean x 94.7
Mean y 104
RMS x 59.54
RMS y 59.15
side N [adc counts]
side P [adc counts]

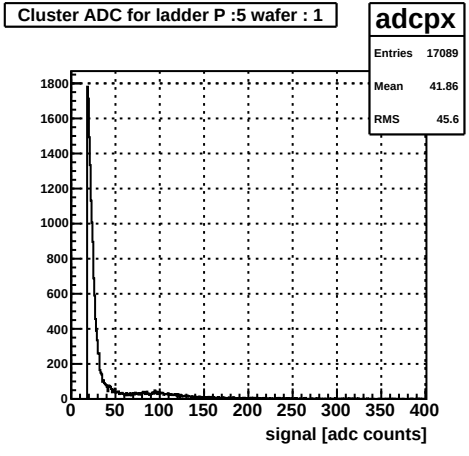

Cluster ADC for ladder P :4 wafer : 16
adcpx
Entries 5861
Mean 69.52
RMS 57.82
signal [adc counts]

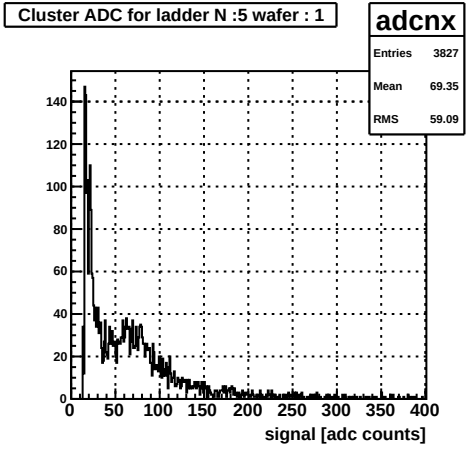

Cluster ADC for ladder N :4 wafer : 16
adcnx
Entries 5430
Mean 99.85
RMS 62.3
signal [adc counts]

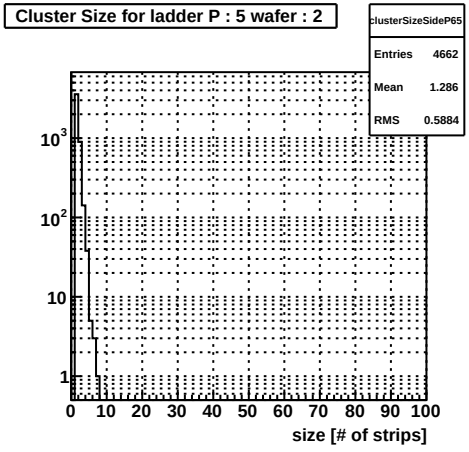

Cluster Size for ladder P : 5 wafer : 1
clusterSizeSideP64
Entries 17089
Mean 1.153
RMS 0.4529
size [# of strips]

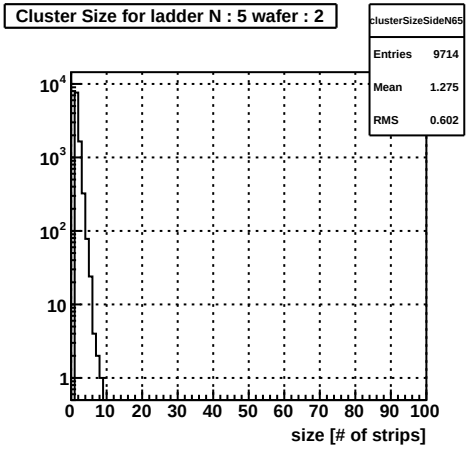

Cluster Size for ladder N : 5 wafer : 1
clusterSizeSideN64
Entries 3827
Mean 1.434
RMS 0.7436
size [# of strips]

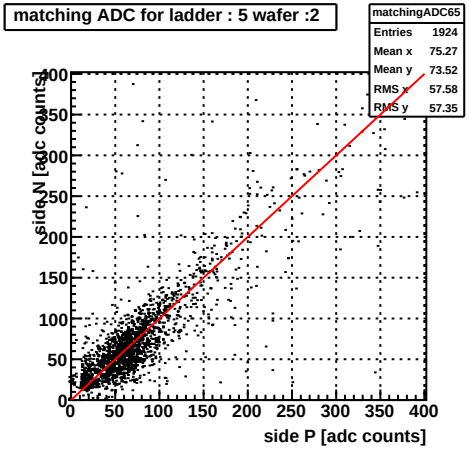

matching ADC for ladder : 5 wafer :1
matchingADC64
Entries 1855
Mean x 91.29
Mean y 80.82
RMS x 60.83
RMS y 57.13
side N [adc counts]
side P [adc counts]

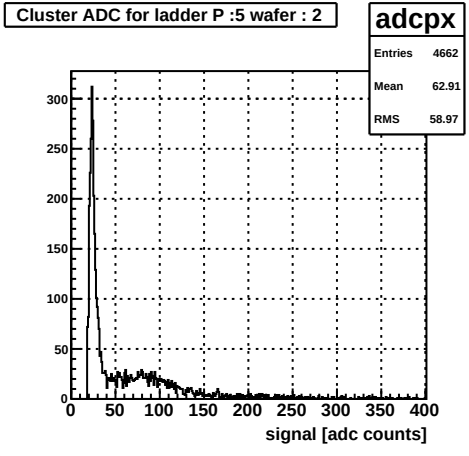

Cluster ADC for ladder P :5 wafer : 1
adcpx
Entries 17089
Mean 41.86
RMS 45.6
signal [adc counts]

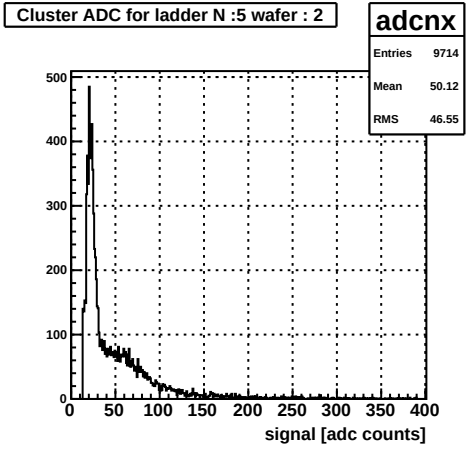

Cluster ADC for ladder N :5 wafer : 1
adcnx
Entries 3827
Mean 69.35
RMS 59.09
signal [adc counts]

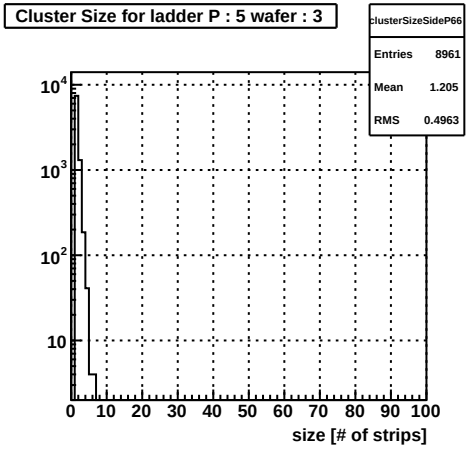

Cluster Size for ladder P : 5 wafer : 2
clusterSizeSideP65
Entries 4662
Mean 1.286
RMS 0.5884
size [# of strips]

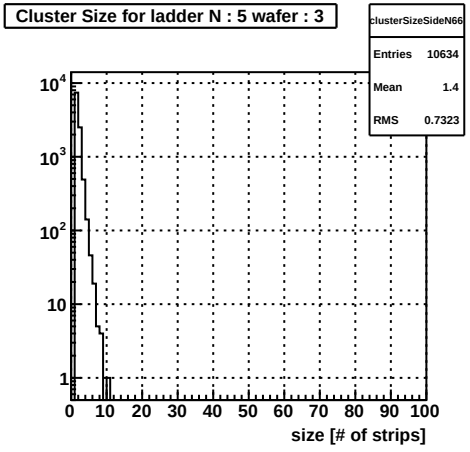

Cluster Size for ladder N : 5 wafer : 2
clusterSizeSideN65
Entries 9714
Mean 1.275
RMS 0.602
size [# of strips]

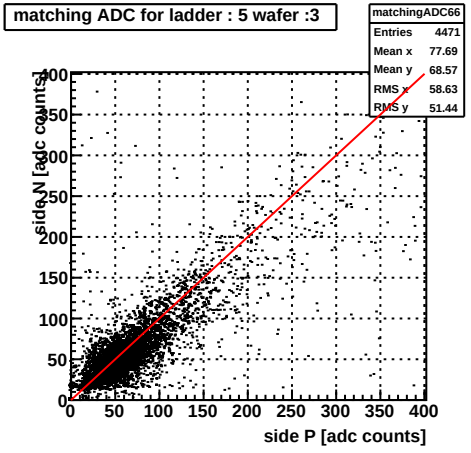

matching ADC for ladder : 5 wafer :2
matchingADC65
Entries 1924
Mean x 75.27
Mean y 73.52
RMS x 57.58
RMS y 57.35
side N [adc counts]
side P [adc counts]

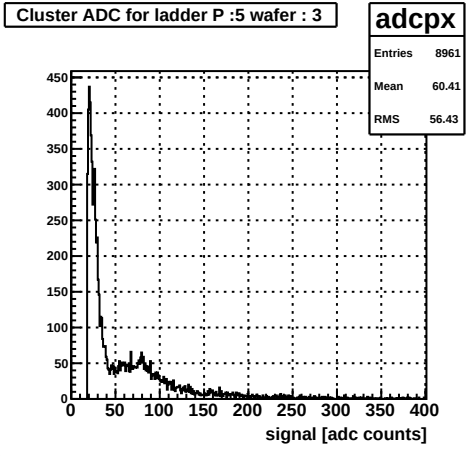

Cluster ADC for ladder P :5 wafer : 2
adcpx
Entries 4662
Mean 62.91
RMS 58.97
signal [adc counts]

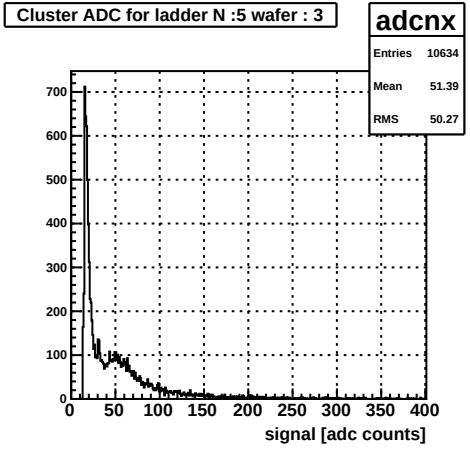

Cluster ADC for ladder N :5 wafer : 2
adcnx
Entries 9714
Mean 50.12
RMS 46.55
signal [adc counts]

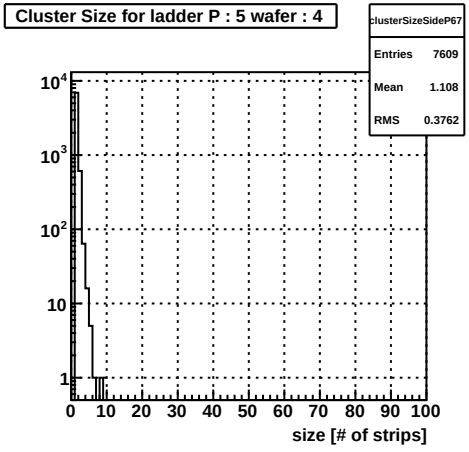

Cluster Size for ladder P : 5 wafer : 3
clusterSizeSideP66
Entries 8961
Mean 1.205
RMS 0.4963
size [# of strips]

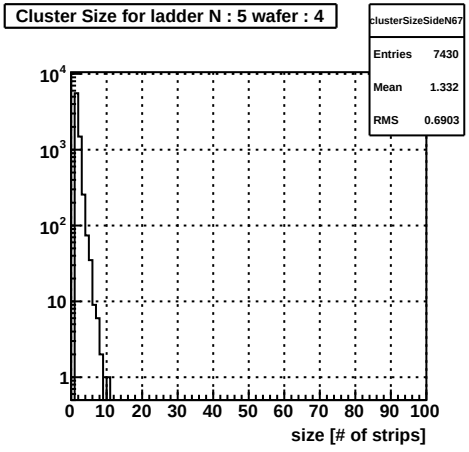

Cluster Size for ladder N : 5 wafer : 3
clusterSizeSideN66
Entries 10634
Mean 1.4
RMS 0.7323
size [# of strips]

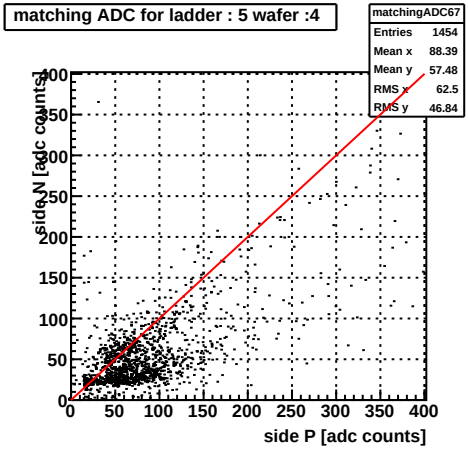

matching ADC for ladder : 5 wafer :3
matchingADC66
Entries 4471
Mean x 77.69
Mean y 68.57
RMS x 58.63
RMS y 51.44
side N [adc counts]
side P [adc counts]

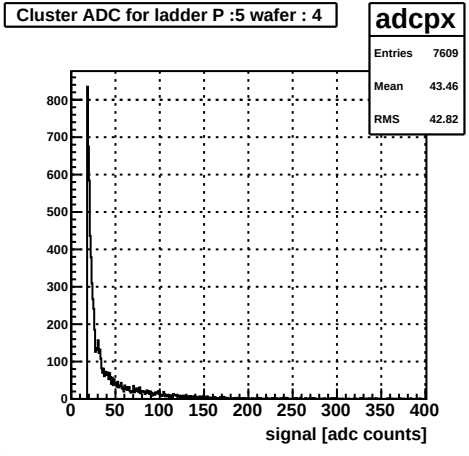

Cluster ADC for ladder P :5 wafer : 3
adcpx
Entries 8961
Mean 60.41
RMS 56.43
signal [adc counts]

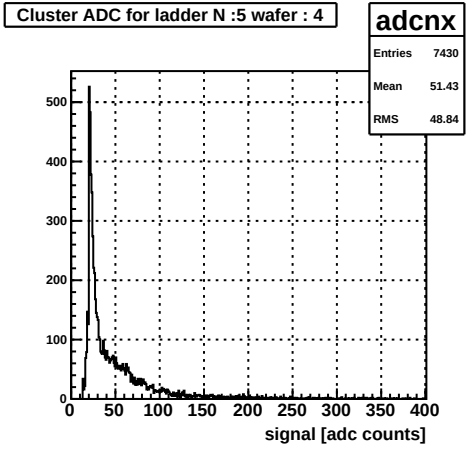

Cluster ADC for ladder N :5 wafer : 3
adcnx
Entries 10634
Mean 51.39
RMS 50.27
signal [adc counts]

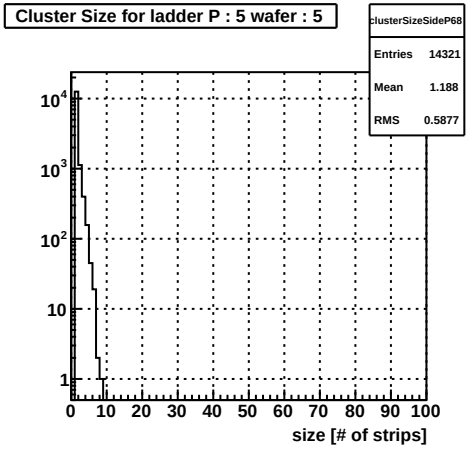

Cluster Size for ladder P : 5 wafer : 4
clusterSizeSideP67
Entries 7609
Mean 1.108
RMS 0.3762
size [# of strips]

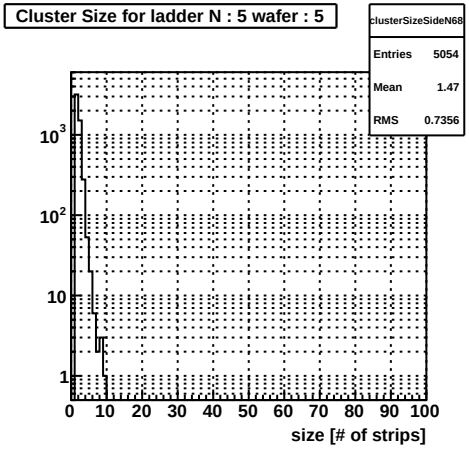

Cluster Size for ladder N : 5 wafer : 4
clusterSizeSideN67
Entries 7430
Mean 1.332
RMS 0.6903
size [# of strips]

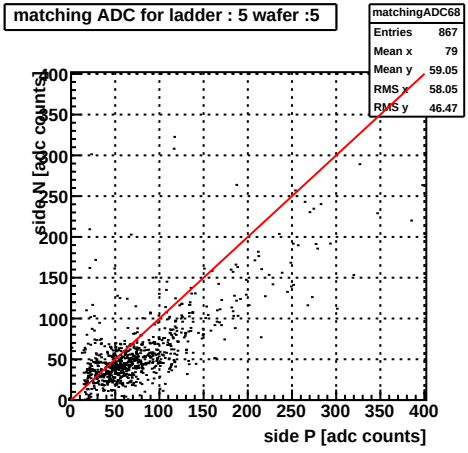

matching ADC for ladder : 5 wafer :4
matchingADC67
Entries 1454
Mean x 88.39
Mean y 57.48
RMS x 62.5
RMS y 46.84
side N [adc counts]
side P [adc counts]

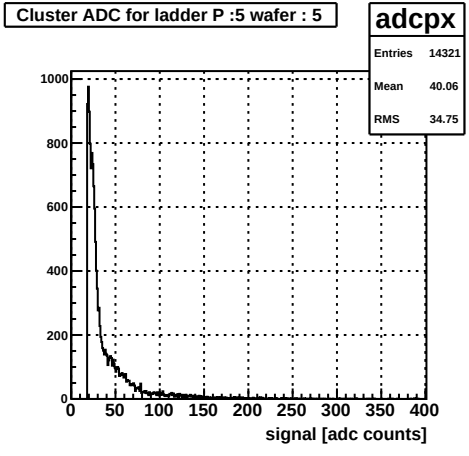

Cluster ADC for ladder P :5 wafer : 4
adcpx
Entries 7609
Mean 43.46
RMS 42.82
signal [adc counts]

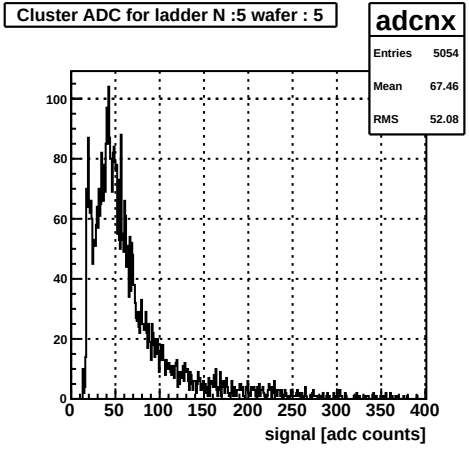

Cluster ADC for ladder N :5 wafer : 4
adcnx
Entries 7430
Mean 51.43
RMS 48.84
signal [adc counts]

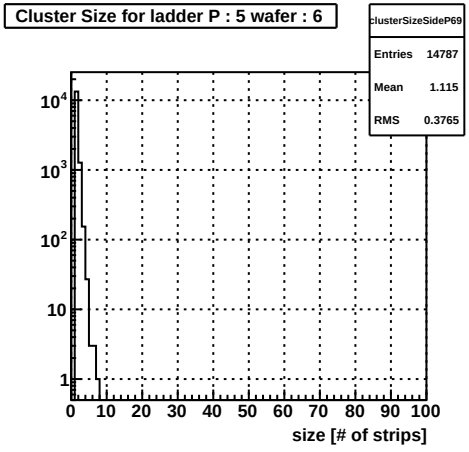

Cluster Size for ladder P : 5 wafer : 5
clusterSizeSideP68
Entries 14321
Mean 1.188
RMS 0.5877
size [# of strips]

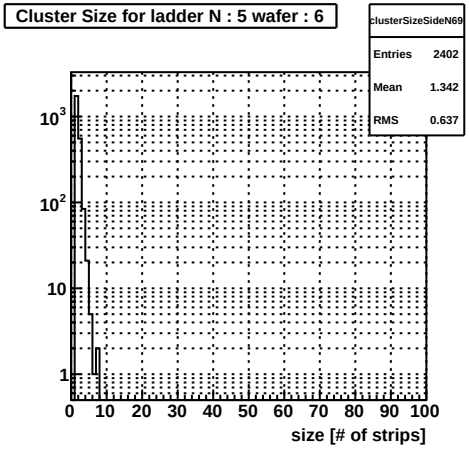

Cluster Size for ladder N : 5 wafer : 5
clusterSizeSideN68
Entries 5054
Mean 1.47
RMS 0.7356
size [# of strips]

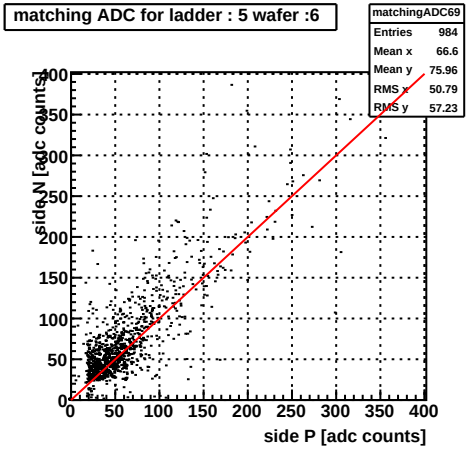

matching ADC for ladder : 5 wafer :5
matchingADC68
Entries 867
Mean x 79
Mean y 59.05
RMS x 58.05
RMS y 46.47
side N [adc counts]
side P [adc counts]

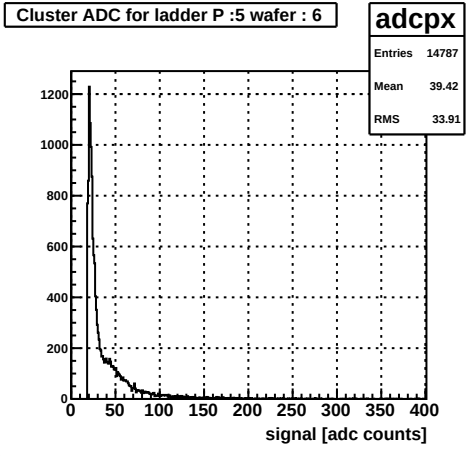

Cluster ADC for ladder P :5 wafer : 5
adcpx
Entries 14321
Mean 40.06
RMS 34.75
signal [adc counts]

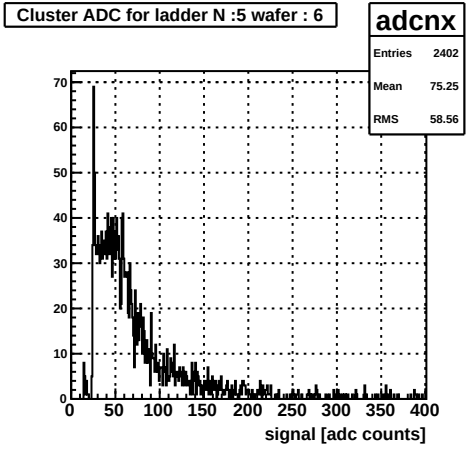

Cluster ADC for ladder N :5 wafer : 5
adcnx
Entries 5054
Mean 67.46
RMS 52.08
signal [adc counts]

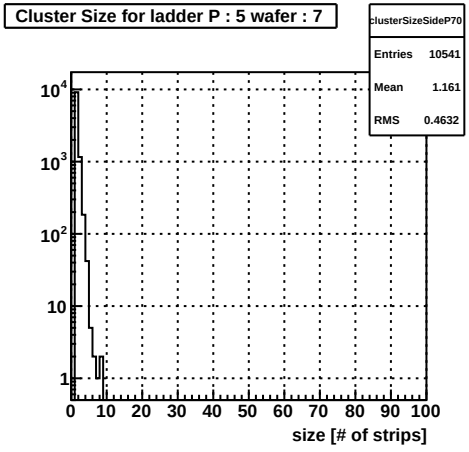

Cluster Size for ladder P : 5 wafer : 6
clusterSizeSideP69
Entries 14787
Mean 1.115
RMS 0.3765
size [# of strips]

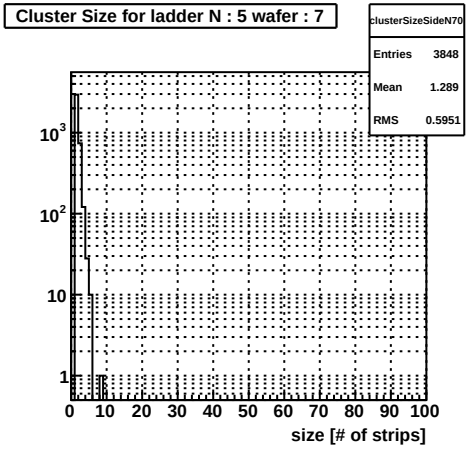

Cluster Size for ladder N : 5 wafer : 6
clusterSizeSideN69
Entries 2402
Mean 1.342
RMS 0.637
size [# of strips]

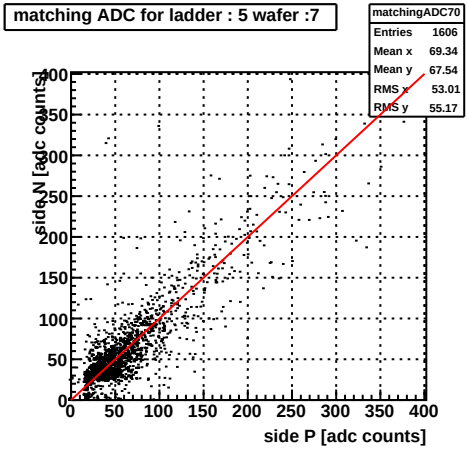

matching ADC for ladder : 5 wafer :6
matchingADC69
Entries 984
Mean x 66.6
Mean y 75.96
RMS x 50.79
RMS y 57.23
side N [adc counts]
side P [adc counts]

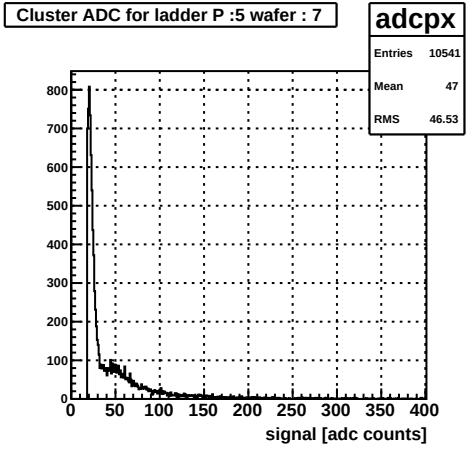

Cluster ADC for ladder P :5 wafer : 6
adcpx
Entries 14787
Mean 39.42
RMS 33.91
signal [adc counts]

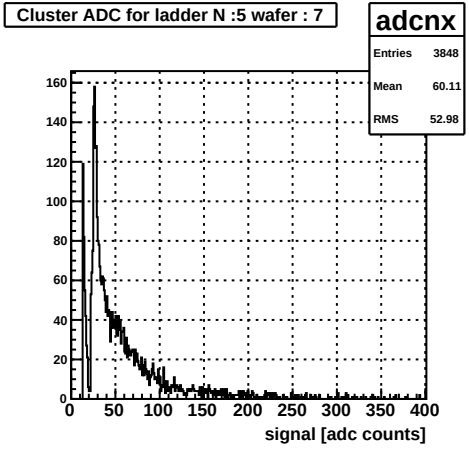

Cluster ADC for ladder N :5 wafer : 6
adcnx
Entries 2402
Mean 75.25
RMS 58.56
signal [adc counts]

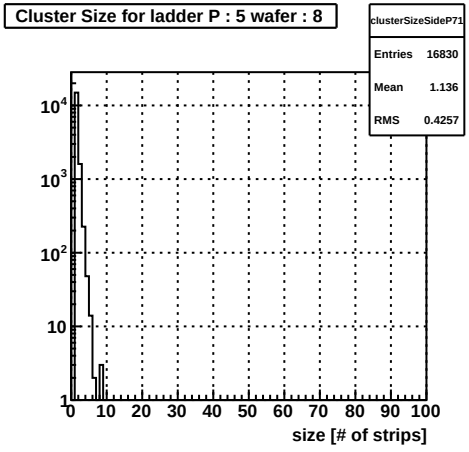

Cluster Size for ladder P : 5 wafer : 7
clusterSizeSideP70
Entries 10541
Mean 1.161
RMS 0.4632
size [# of strips]

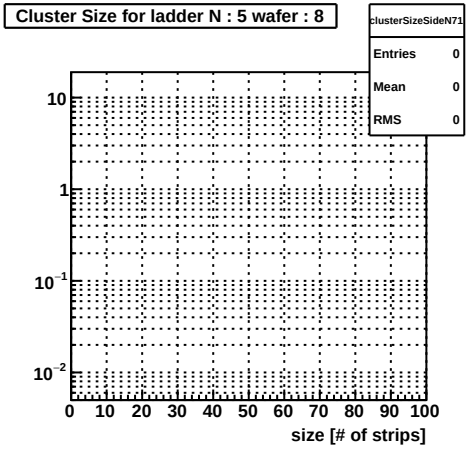

Cluster Size for ladder N : 5 wafer : 7
clusterSizeSideN70
Entries 3848
Mean 1.289
RMS 0.5951
size [# of strips]

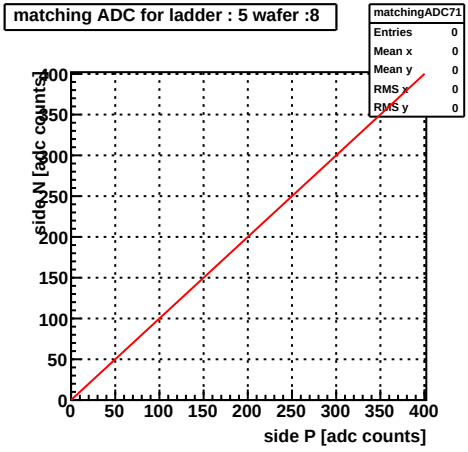

matching ADC for ladder : 5 wafer :7
matchingADC70
Entries 1606
Mean x 69.34
Mean y 67.54
RMS x 53.01
RMS y 55.17
side N [adc counts]
side P [adc counts]

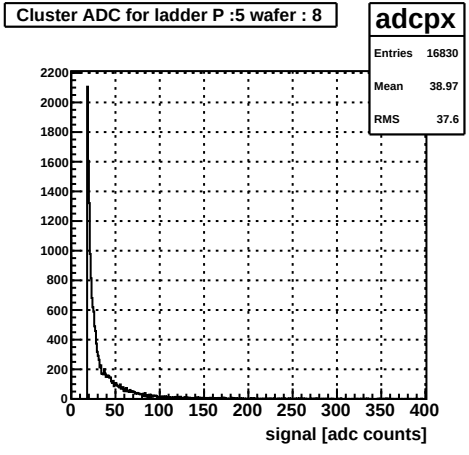

Cluster ADC for ladder P :5 wafer : 7
adcpx
Entries 10541
Mean 47
RMS 46.53
signal [adc counts]

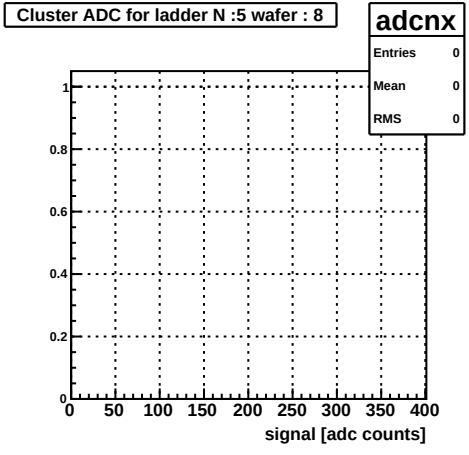

Cluster ADC for ladder N :5 wafer : 7
adcnx
Entries 3848
Mean 60.11
RMS 52.98
signal [adc counts]

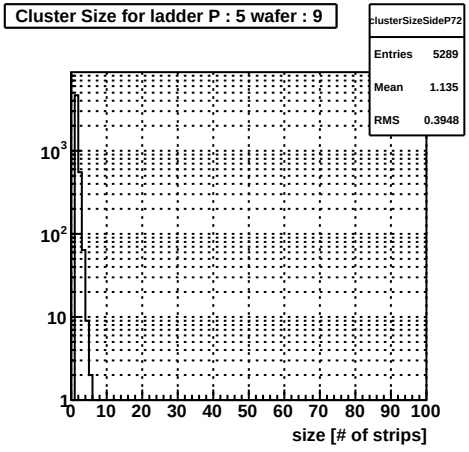

Cluster Size for ladder P : 5 wafer : 8
clusterSizeSideP71
Entries 16830
Mean 1.136
RMS 0.4257
size [# of strips]

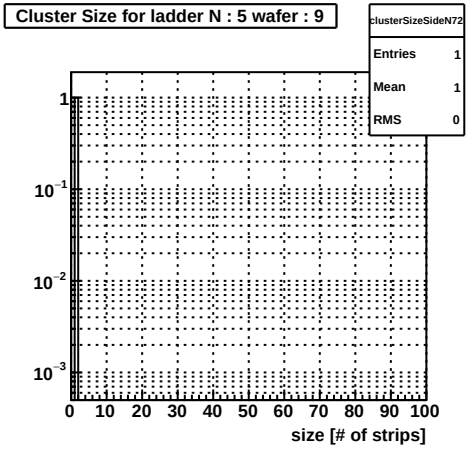

Cluster Size for ladder N : 5 wafer : 8
clusterSizeSideN71
Entries 0
Mean 0
RMS 0
size [# of strips]

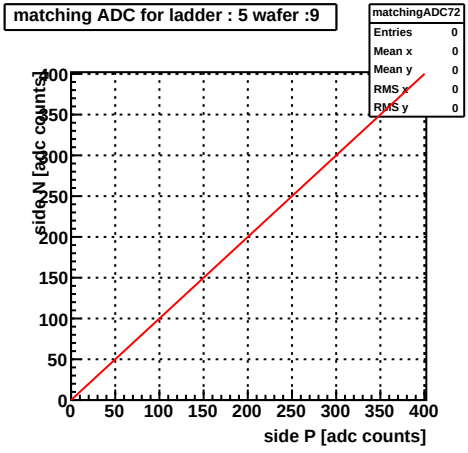

matching ADC for ladder : 5 wafer :8
matchingADC71
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

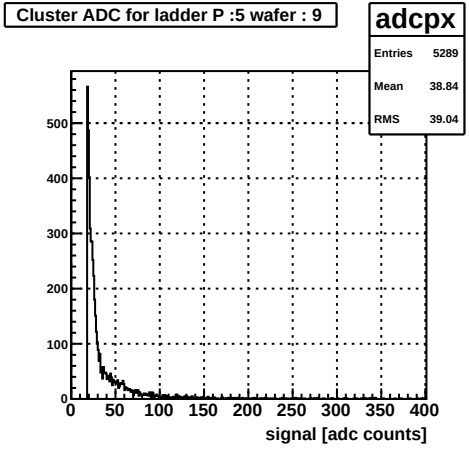

Cluster ADC for ladder P :5 wafer : 8
adcpx
Entries 16830
Mean 38.97
RMS 37.6
signal [adc counts]

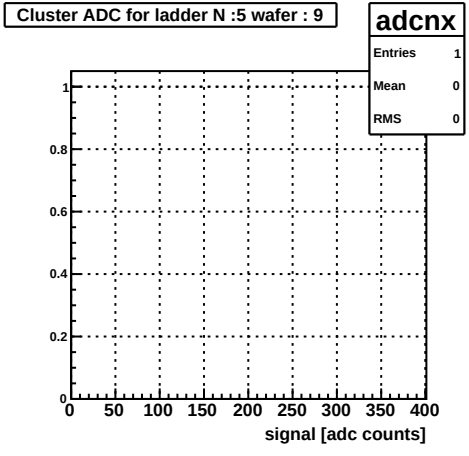

Cluster ADC for ladder N :5 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

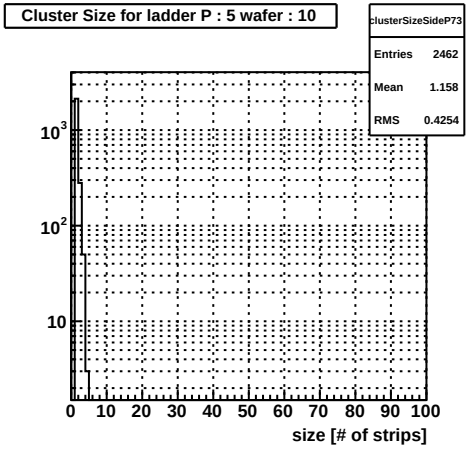

Cluster Size for ladder P : 5 wafer : 9
clusterSizeSideP72
Entries 5289
Mean 1.135
RMS 0.3948
size [# of strips]

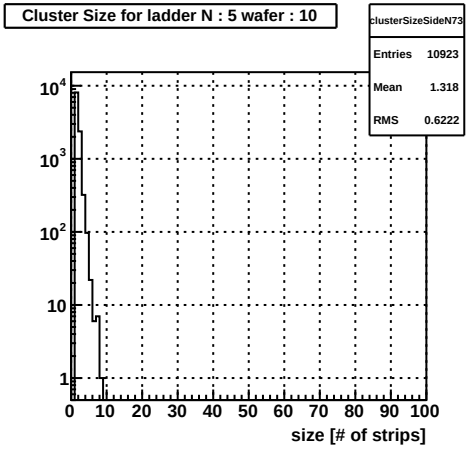

Cluster Size for ladder N : 5 wafer : 9
clusterSizeSideN72
Entries 1
Mean 1
RMS 0
size [# of strips]

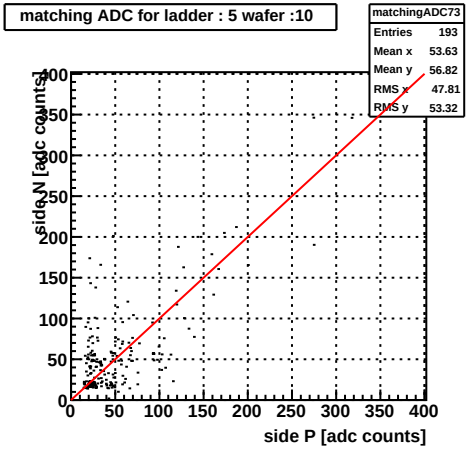

matching ADC for ladder : 5 wafer :9
matchingADC72
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

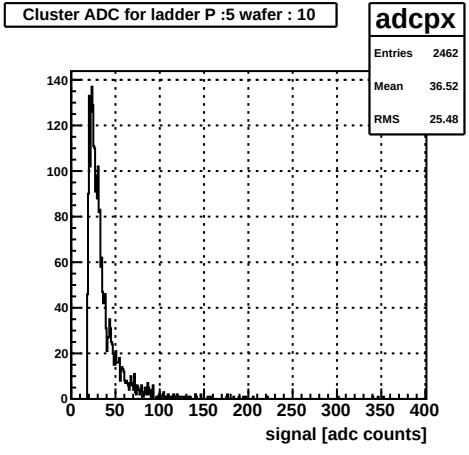

Cluster ADC for ladder P :5 wafer : 9
adcpx
Entries 5289
Mean 38.84
RMS 39.04
signal [adc counts]

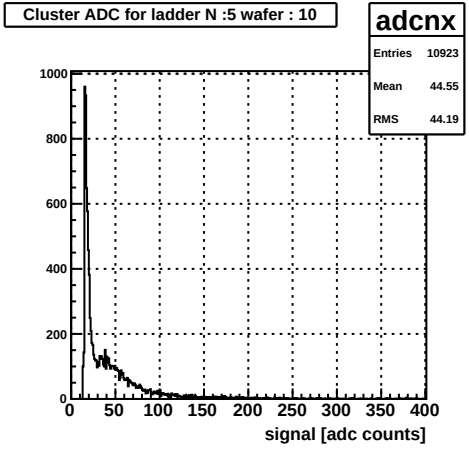

Cluster ADC for ladder N :5 wafer : 9
adcnx
Entries 1
Mean 0
RMS 0
signal [adc counts]

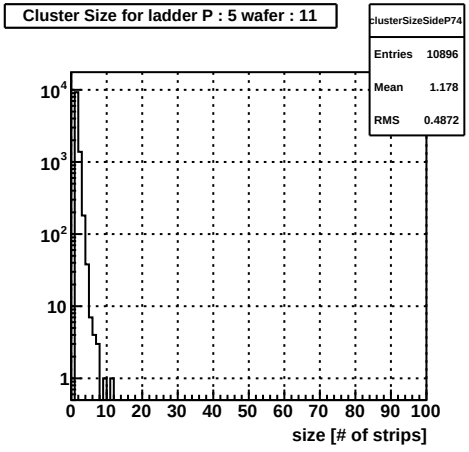

Cluster Size for ladder P : 5 wafer : 10
clusterSizeSideP73
Entries 2462
Mean 1.158
RMS 0.4254
size [# of strips]

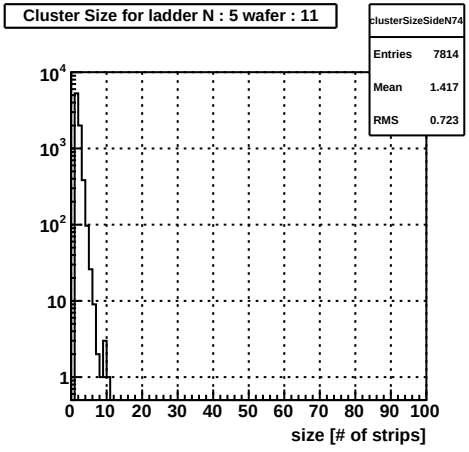

Cluster Size for ladder N : 5 wafer : 10
clusterSizeSideN73
Entries 10923
Mean 1.318
RMS 0.6222
size [# of strips]

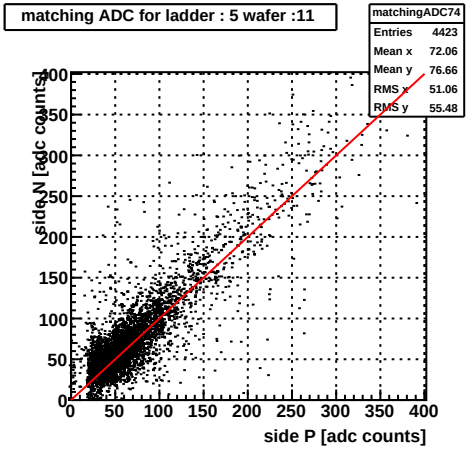

matching ADC for ladder : 5 wafer :10
matchingADC73
Entries 193
Mean x 53.63
Mean y 56.82
RMS x 47.81
RMS y 53.32
side N [adc counts]
side P [adc counts]

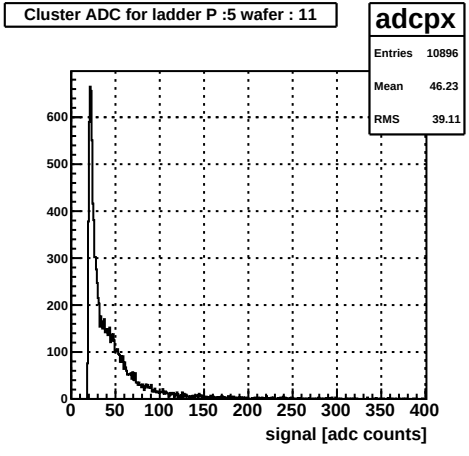

Cluster ADC for ladder P :5 wafer : 10
adcpx
Entries 2462
Mean 36.52
RMS 25.48
signal [adc counts]

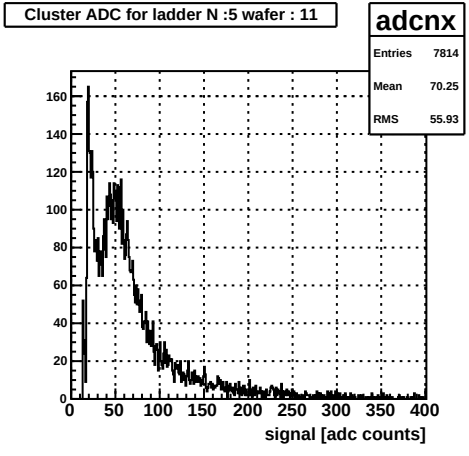

Cluster ADC for ladder N :5 wafer : 10
adcnx
Entries 10923
Mean 44.55
RMS 44.19
signal [adc counts]

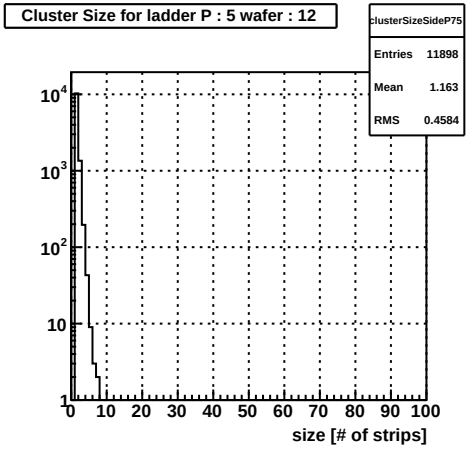

Cluster Size for ladder P : 5 wafer : 11
clusterSizeSideP74
Entries 10896
Mean 1.178
RMS 0.4872
size [# of strips]

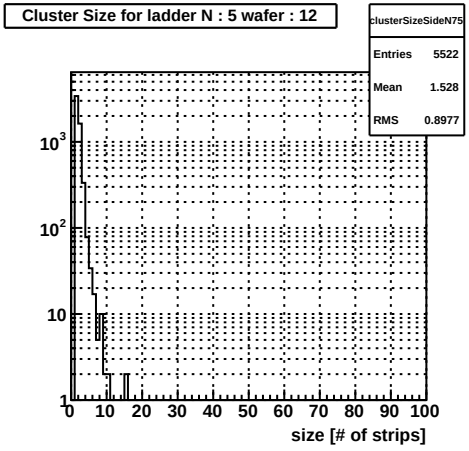

Cluster Size for ladder N : 5 wafer : 11
clusterSizeSideN74
Entries 7814
Mean 1.417
RMS 0.723
size [# of strips]

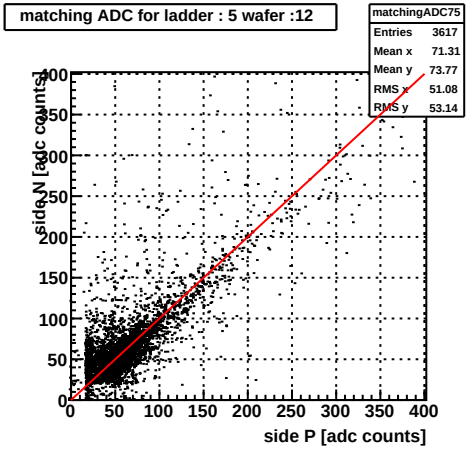

matching ADC for ladder : 5 wafer :11
matchingADC74
Entries 4423
Mean x 72.06
Mean y 76.66
RMS x 51.06
RMS y 55.48
side N [adc counts]
side P [adc counts]

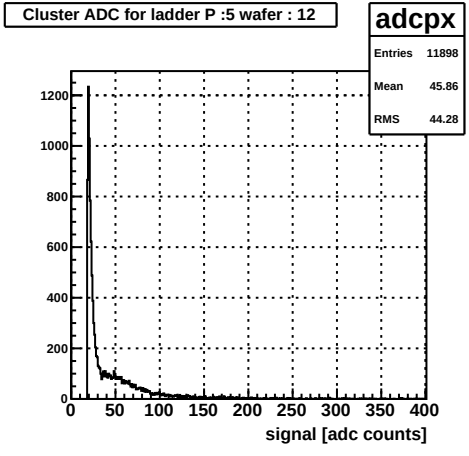

Cluster ADC for ladder P :5 wafer : 11
adcpx
Entries 10896
Mean 46.23
RMS 39.11
signal [adc counts]

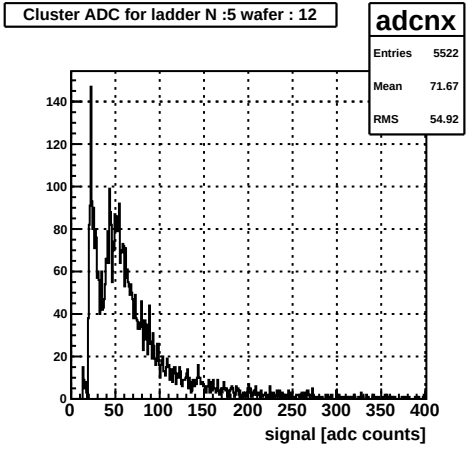

Cluster ADC for ladder N :5 wafer : 11
adcnx
Entries 7814
Mean 70.25
RMS 55.93
signal [adc counts]

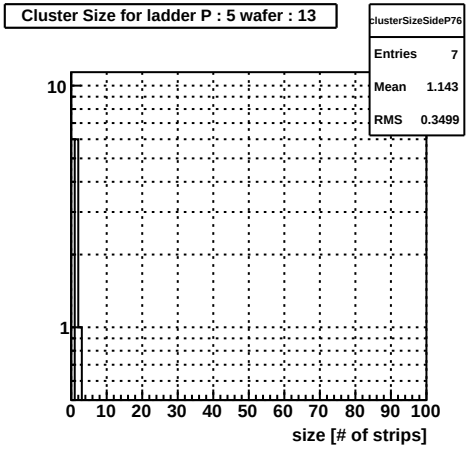

Cluster Size for ladder P : 5 wafer : 12
clusterSizeSideP75
Entries 11898
Mean 1.163
RMS 0.4584
size [# of strips]

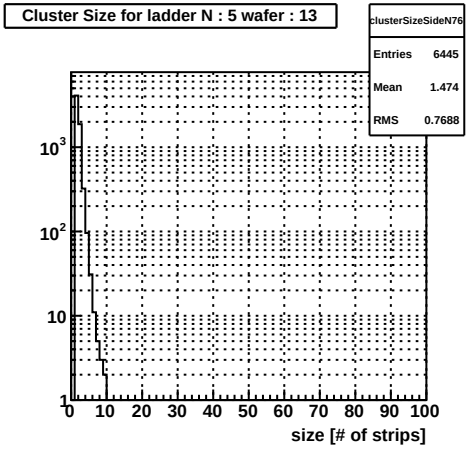

Cluster Size for ladder N : 5 wafer : 12
clusterSizeSideN75
Entries 5522
Mean 1.528
RMS 0.8977
size [# of strips]

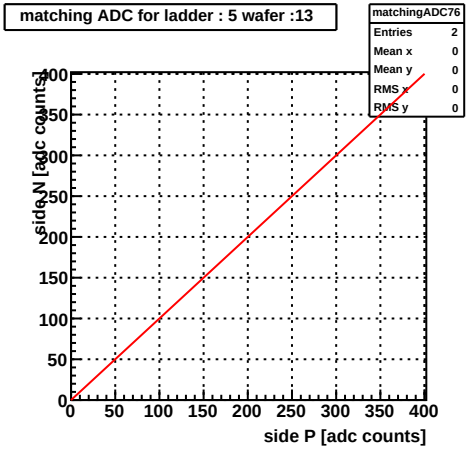

matching ADC for ladder : 5 wafer :12
matchingADC75
Entries 3617
Mean x 71.31
Mean y 73.77
RMS x 51.08
RMS y 53.14
side N [adc counts]
side P [adc counts]

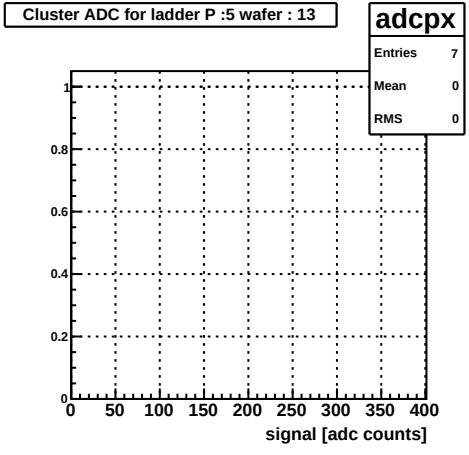

Cluster ADC for ladder P :5 wafer : 12
adcpx
Entries 11898
Mean 45.86
RMS 44.28
signal [adc counts]

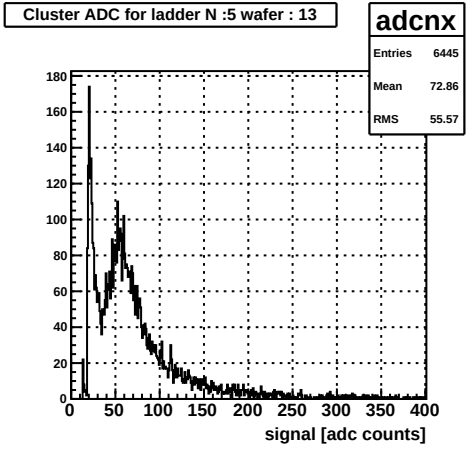

Cluster ADC for ladder N :5 wafer : 12
adcnx
Entries 5522
Mean 71.67
RMS 54.92
signal [adc counts]

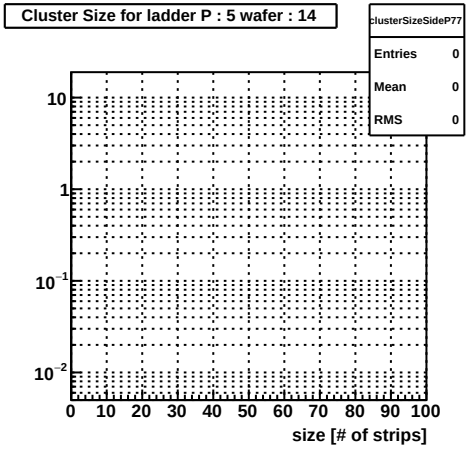

Cluster Size for ladder P : 5 wafer : 13
clusterSizeSideP76
Entries 7
Mean 1.143
RMS 0.3499
size [# of strips]

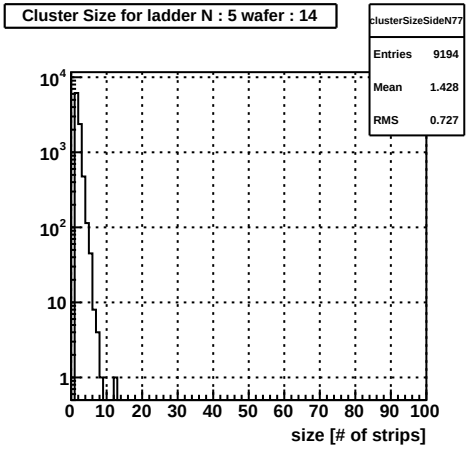

Cluster Size for ladder N : 5 wafer : 13
clusterSizeSideN76
Entries 6445
Mean 1.474
RMS 0.7688
size [# of strips]

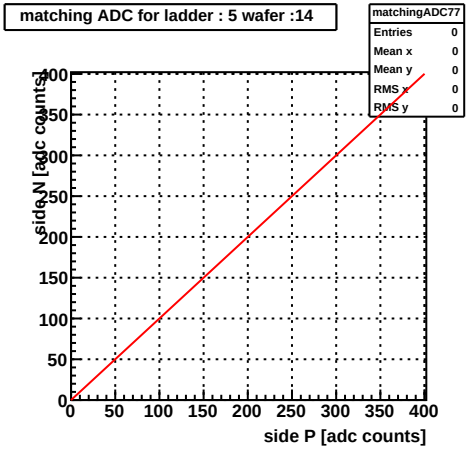

matching ADC for ladder : 5 wafer :13
matchingADC76
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

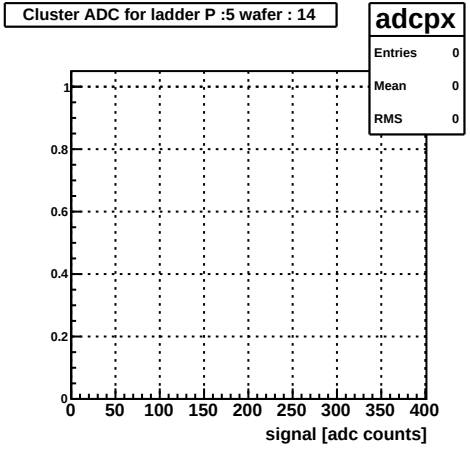

Cluster ADC for ladder P :5 wafer : 13
adcpx
Entries 7
Mean 0
RMS 0
signal [adc counts]

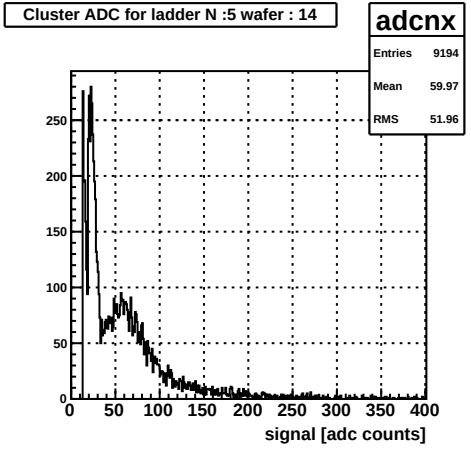

Cluster ADC for ladder N :5 wafer : 13
adcnx
Entries 6445
Mean 72.86
RMS 55.57
signal [adc counts]

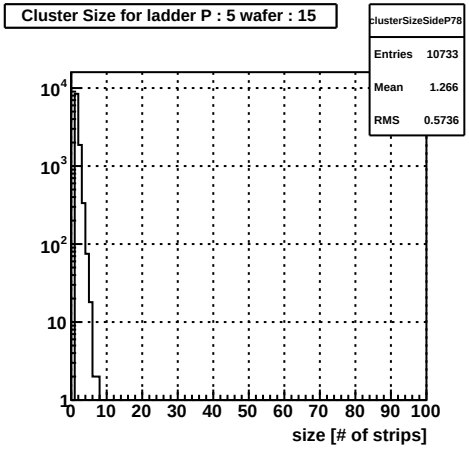

Cluster Size for ladder P : 5 wafer : 14
clusterSizeSideP77
Entries 0
Mean 0
RMS 0
size [# of strips]

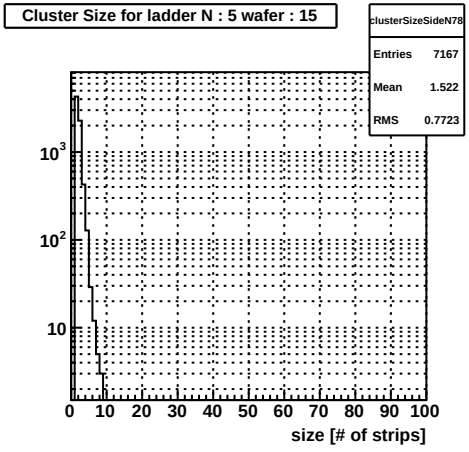

Cluster Size for ladder N : 5 wafer : 14
clusterSizeSideN77
Entries 9194
Mean 1.428
RMS 0.727
size [# of strips]

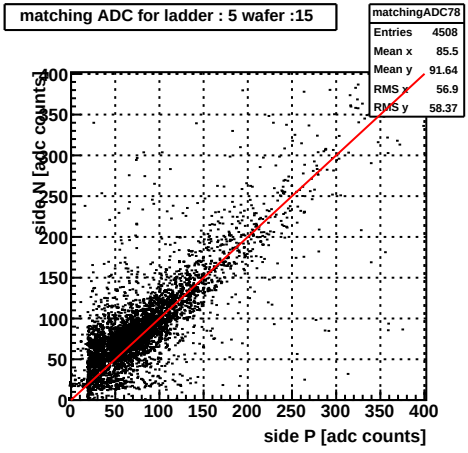

matching ADC for ladder : 5 wafer :14
matchingADC77
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

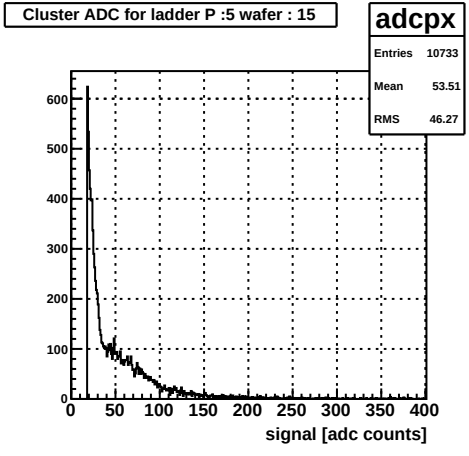

Cluster ADC for ladder P :5 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

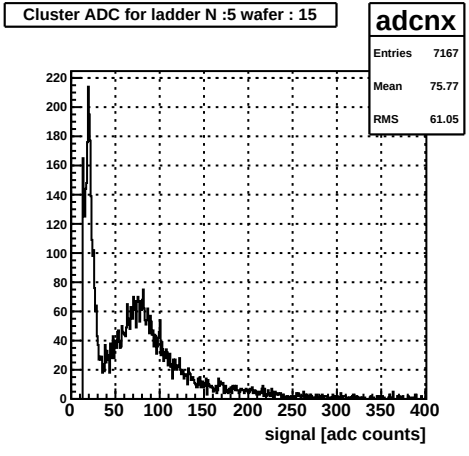

Cluster ADC for ladder N :5 wafer : 14
adcnx
Entries 9194
Mean 59.97
RMS 51.96
signal [adc counts]

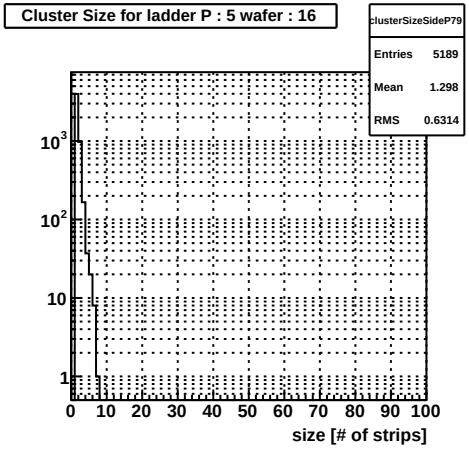

Cluster Size for ladder P : 5 wafer : 15
clusterSizeSideP78
Entries 10733
Mean 1.266
RMS 0.5736
size [# of strips]

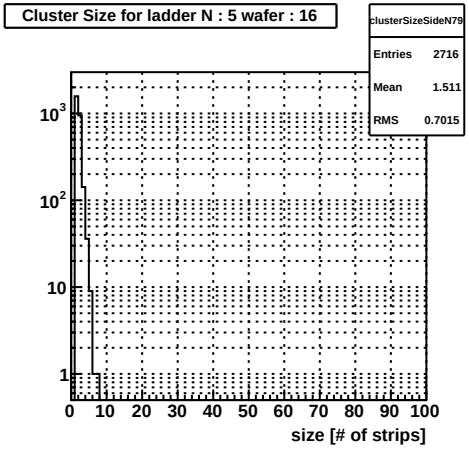

Cluster Size for ladder N : 5 wafer : 15
clusterSizeSideN78
Entries 7167
Mean 1.522
RMS 0.7723
size [# of strips]

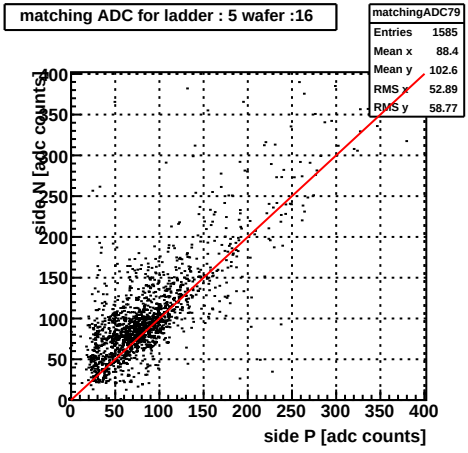

matching ADC for ladder : 5 wafer :15
matchingADC78
Entries 4508
Mean x 85.5
Mean y 91.64
RMS x 56.9
RMS y 58.37
side N [adc counts]
side P [adc counts]

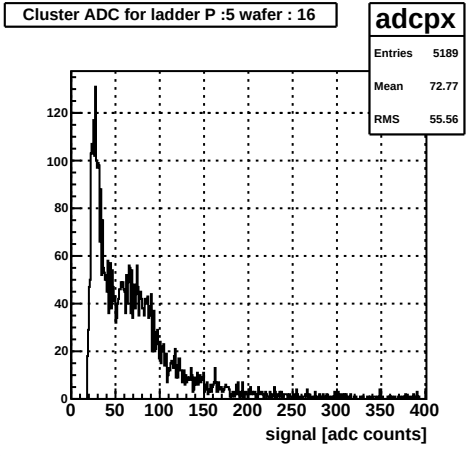

Cluster ADC for ladder P :5 wafer : 15
adcpx
Entries 10733
Mean 53.51
RMS 46.27
signal [adc counts]

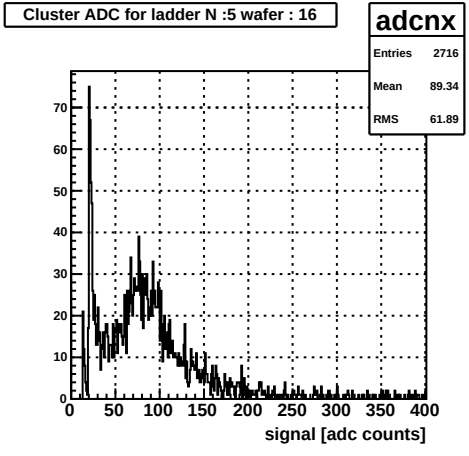

Cluster ADC for ladder N :5 wafer : 15
adcnx
Entries 7167
Mean 75.77
RMS 61.05
signal [adc counts]

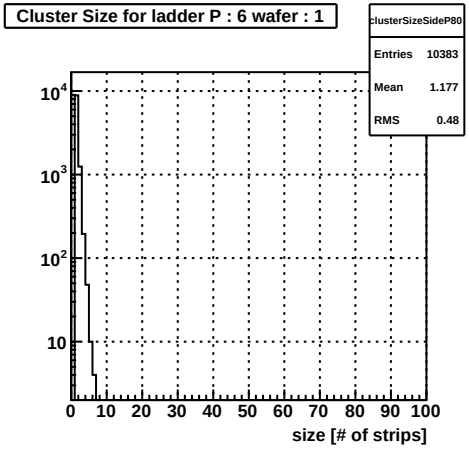

Cluster Size for ladder P : 5 wafer : 16
clusterSizeSideP79
Entries 5189
Mean 1.298
RMS 0.6314
size [# of strips]

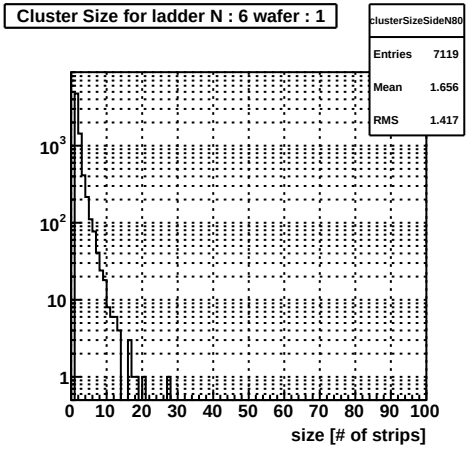

Cluster Size for ladder N : 5 wafer : 16
clusterSizeSideN79
Entries 2716
Mean 1.511
RMS 0.7015
size [# of strips]

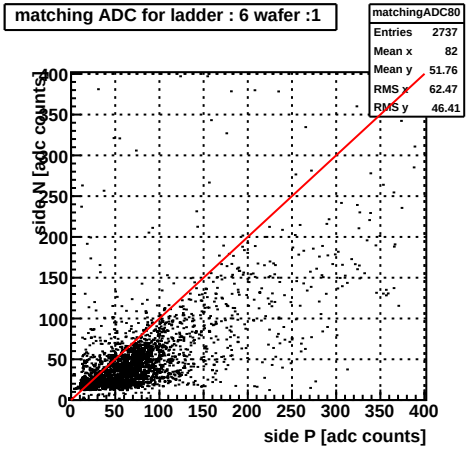

matching ADC for ladder : 5 wafer :16
matchingADC79
Entries 1585
Mean x 88.4
Mean y 102.6
RMS x 52.89
RMS y 58.77
side N [adc counts]
side P [adc counts]

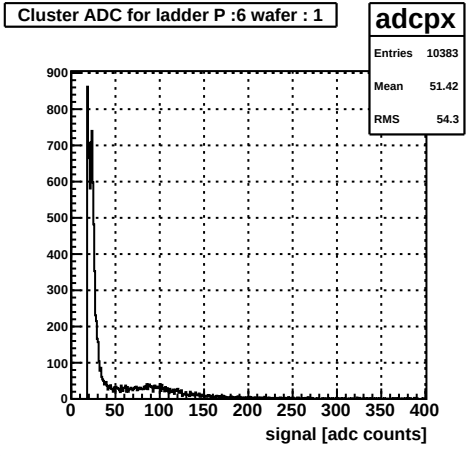

Cluster ADC for ladder P :5 wafer : 16
adcpx
Entries 5189
Mean 72.77
RMS 55.56
signal [adc counts]

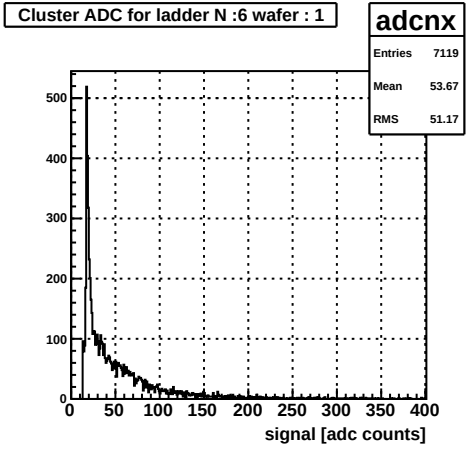

Cluster ADC for ladder N :5 wafer : 16
adcnx
Entries 2716
Mean 89.34
RMS 61.89
signal [adc counts]

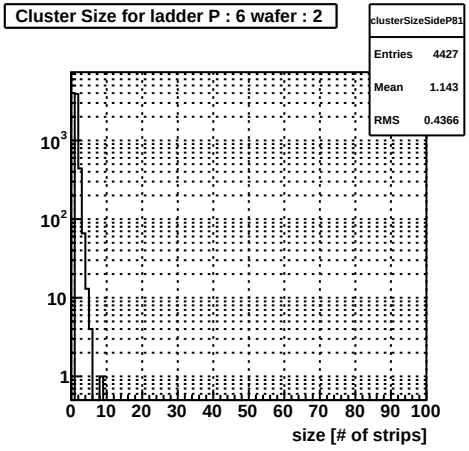

Cluster Size for ladder P : 6 wafer : 1
clusterSizeSideP80
Entries 10383
Mean 1.177
RMS 0.48
size [# of strips]

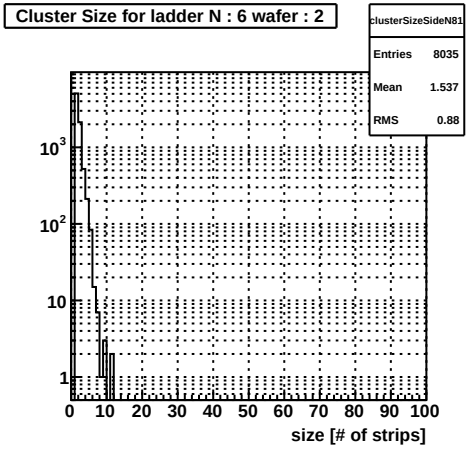

Cluster Size for ladder N : 6 wafer : 1
clusterSizeSideN80
Entries 7119
Mean 1.656
RMS 1.417
size [# of strips]

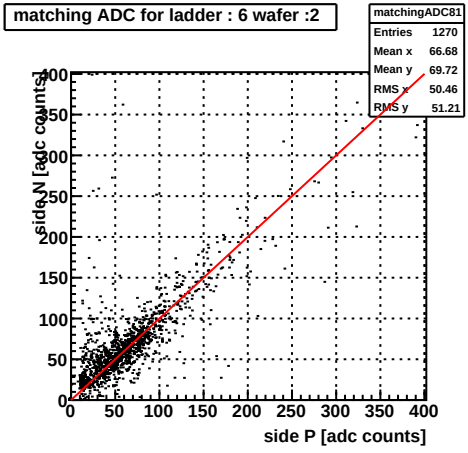

matching ADC for ladder : 6 wafer :1
matchingADC80
Entries 2737
Mean x 82
Mean y 51.76
RMS x 62.47
RMS y 46.41
side N [adc counts]
side P [adc counts]

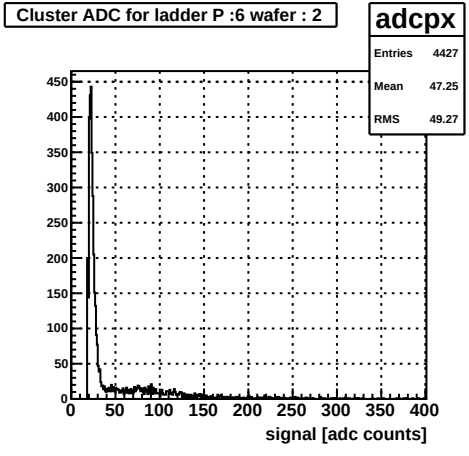

Cluster ADC for ladder P :6 wafer : 1
adcpx
Entries 10383
Mean 51.42
RMS 54.3
signal [adc counts]

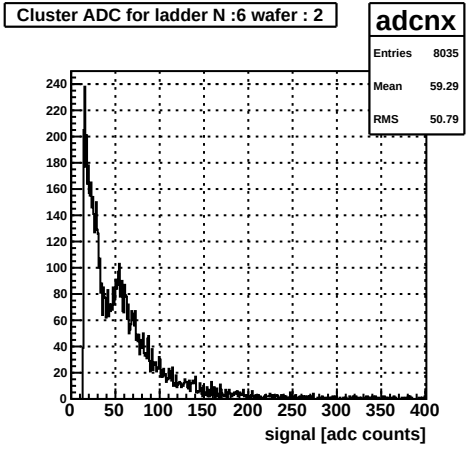

Cluster ADC for ladder N :6 wafer : 1
adcnx
Entries 7119
Mean 53.67
RMS 51.17
signal [adc counts]

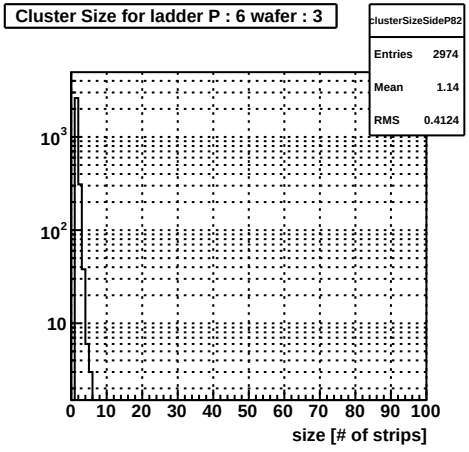

Cluster Size for ladder P : 6 wafer : 2
clusterSizeSideP81
Entries 4427
Mean 1.143
RMS 0.4366
size [# of strips]

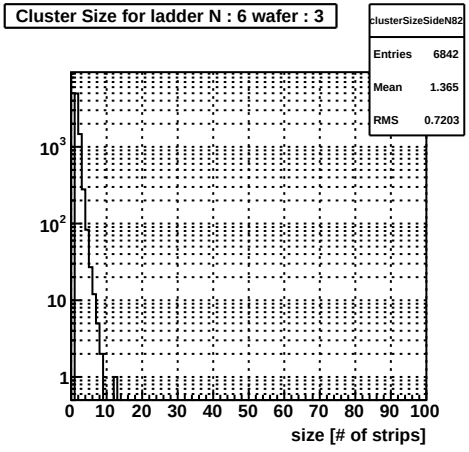

Cluster Size for ladder N : 6 wafer : 2
clusterSizeSideN81
Entries 8035
Mean 1.537
RMS 0.88
size [# of strips]

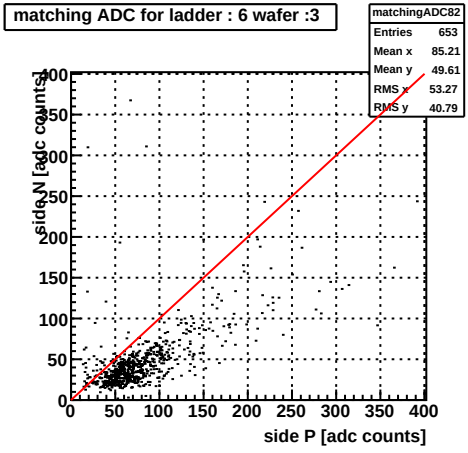

matching ADC for ladder : 6 wafer :2
matchingADC81
Entries 1270
Mean x 66.68
Mean y 69.72
RMS x 50.46
RMS y 51.21
side N [adc counts]
side P [adc counts]

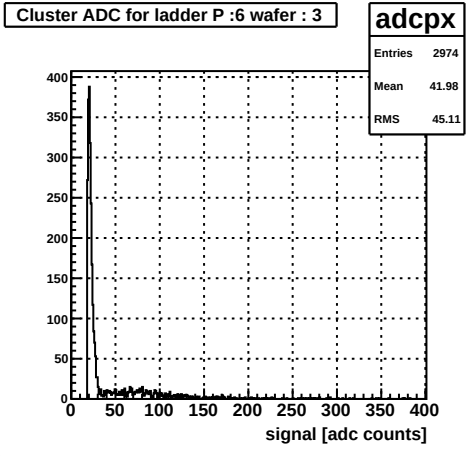

Cluster ADC for ladder P :6 wafer : 2
adcpx
Entries 4427
Mean 47.25
RMS 49.27
signal [adc counts]

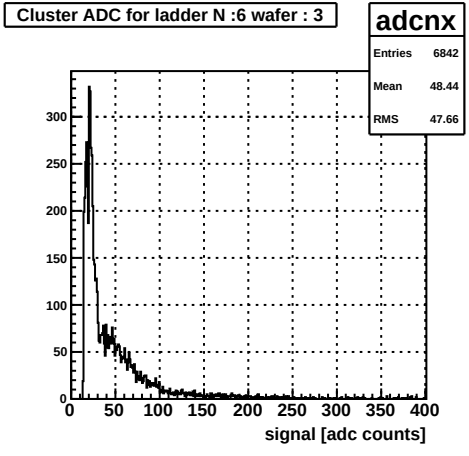

Cluster ADC for ladder N :6 wafer : 2
adcnx
Entries 8035
Mean 59.29
RMS 50.79
signal [adc counts]

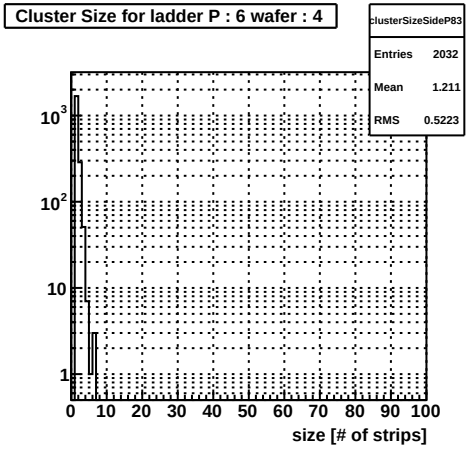

Cluster Size for ladder P : 6 wafer : 3
clusterSizeSideP82
Entries 2974
Mean 1.14
RMS 0.4124
size [# of strips]

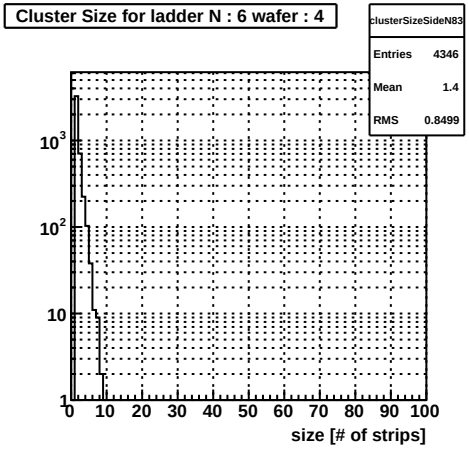

Cluster Size for ladder N : 6 wafer : 3
clusterSizeSideN82
Entries 6842
Mean 1.365
RMS 0.7203
size [# of strips]

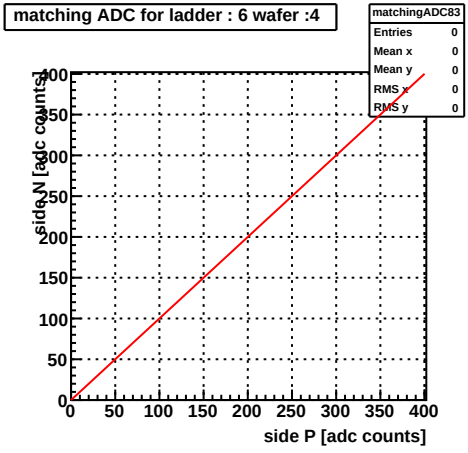

matching ADC for ladder : 6 wafer :3
matchingADC82
Entries 653
Mean x 85.21
Mean y 49.61
RMS x 53.27
RMS y 40.79
side N [adc counts]
side P [adc counts]

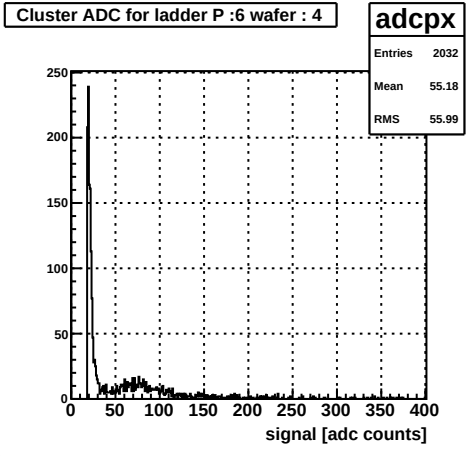

Cluster ADC for ladder P :6 wafer : 3
adcpx
Entries 2974
Mean 41.98
RMS 45.11
signal [adc counts]

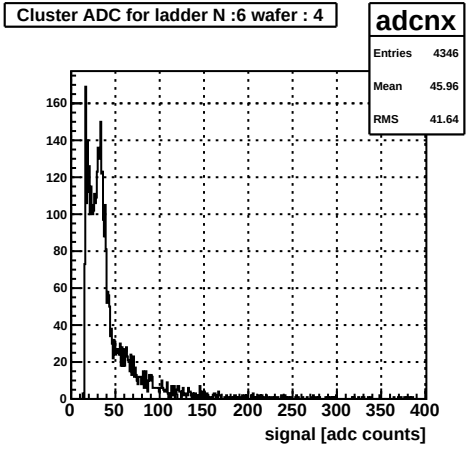

Cluster ADC for ladder N :6 wafer : 3
adcnx
Entries 6842
Mean 48.44
RMS 47.66
signal [adc counts]

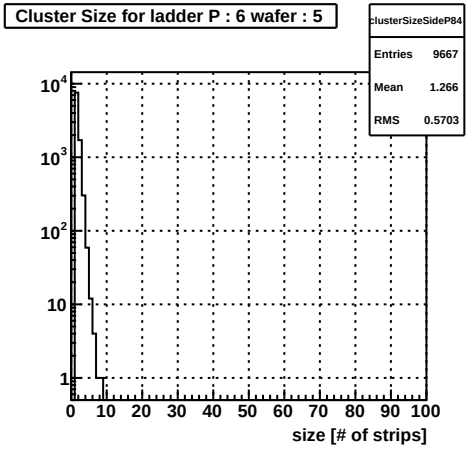

Cluster Size for ladder P : 6 wafer : 4
clusterSizeSideP83
Entries 2032
Mean 1.211
RMS 0.5223
size [# of strips]

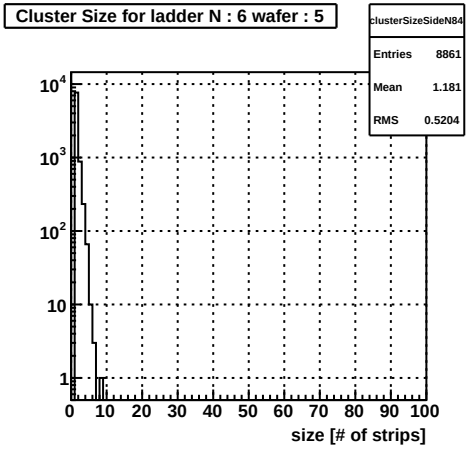

Cluster Size for ladder N : 6 wafer : 4
clusterSizeSideN83
Entries 4346
Mean 1.4
RMS 0.8499
size [# of strips]

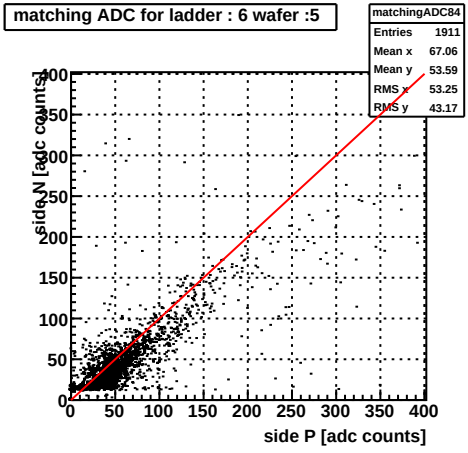

matching ADC for ladder : 6 wafer :4
matchingADC83
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

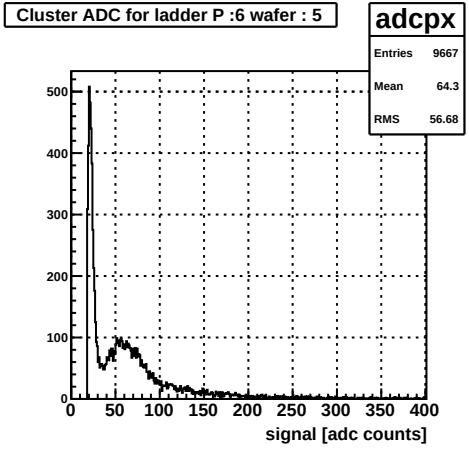

Cluster ADC for ladder P :6 wafer : 4
adcpx
Entries 2032
Mean 55.18
RMS 55.99
signal [adc counts]

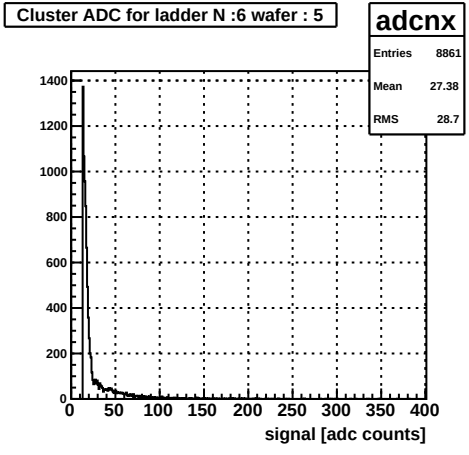

Cluster ADC for ladder N :6 wafer : 4
adcnx
Entries 4346
Mean 45.96
RMS 41.64
signal [adc counts]

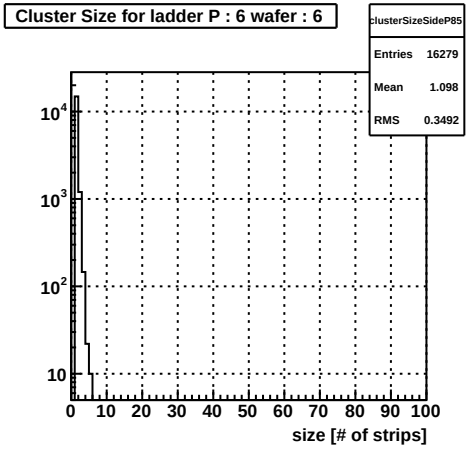

Cluster Size for ladder P : 6 wafer : 5
clusterSizeSideP84
Entries 9667
Mean 1.266
RMS 0.5703
size [# of strips]

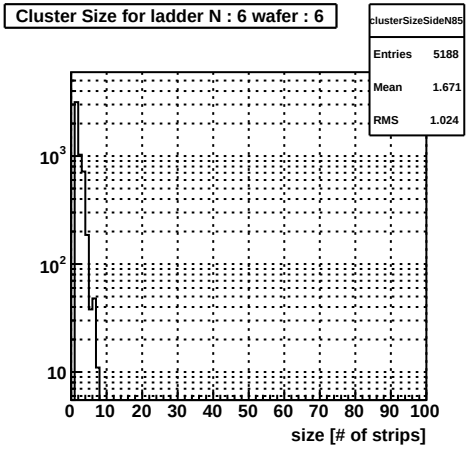

Cluster Size for ladder N : 6 wafer : 5
clusterSizeSideN84
Entries 8861
Mean 1.181
RMS 0.5204
size [# of strips]

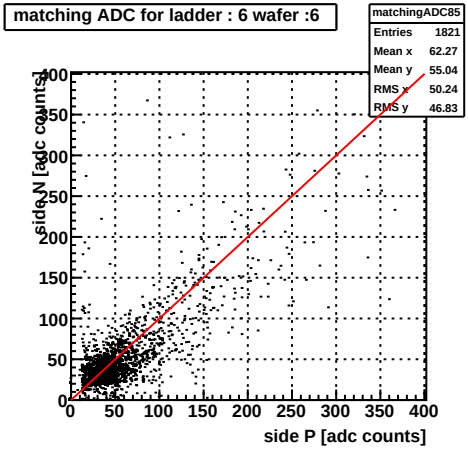

matching ADC for ladder : 6 wafer :5
matchingADC84
Entries 1911
Mean x 67.06
Mean y 53.59
RMS x 53.25
RMS y 43.17
side N [adc counts]
side P [adc counts]

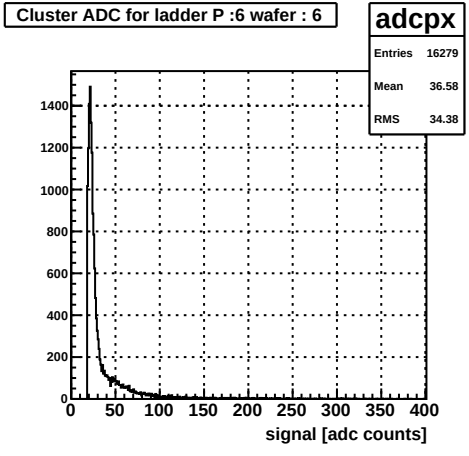

Cluster ADC for ladder P :6 wafer : 5
adcpx
Entries 9667
Mean 64.3
RMS 56.68
signal [adc counts]

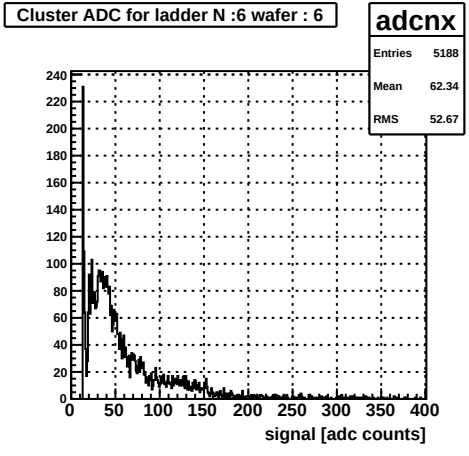

Cluster ADC for ladder N :6 wafer : 5
adcnx
Entries 8861
Mean 27.38
RMS 28.7
signal [adc counts]

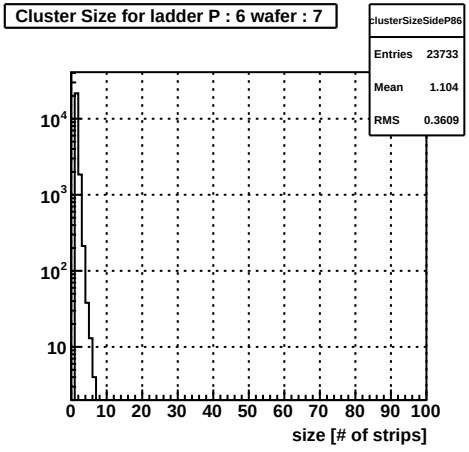

Cluster Size for ladder P : 6 wafer : 6
clusterSizeSideP85
Entries 16279
Mean 1.098
RMS 0.3492
size [# of strips]

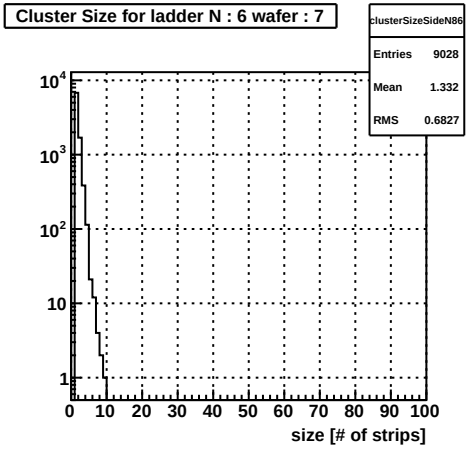

Cluster Size for ladder N : 6 wafer : 6
clusterSizeSideN85
Entries 5188
Mean 1.671
RMS 1.024
size [# of strips]

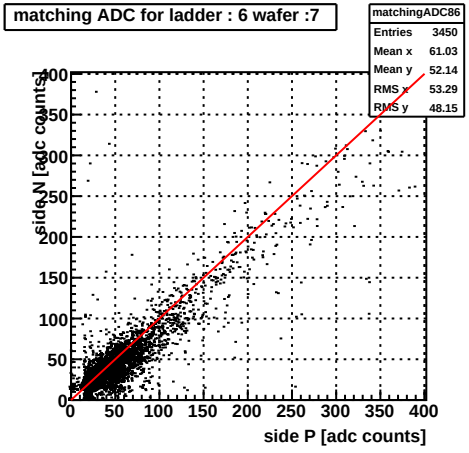

matching ADC for ladder : 6 wafer :6
matchingADC85
Entries 1821
Mean x 62.27
Mean y 55.04
RMS x 50.24
RMS y 46.83
side N [adc counts]
side P [adc counts]

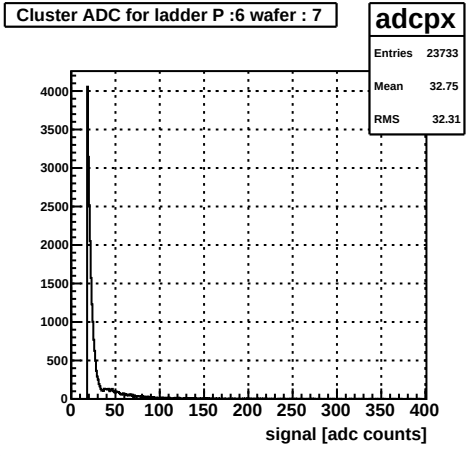

Cluster ADC for ladder P :6 wafer : 6
adcpx
Entries 16279
Mean 36.58
RMS 34.38
signal [adc counts]

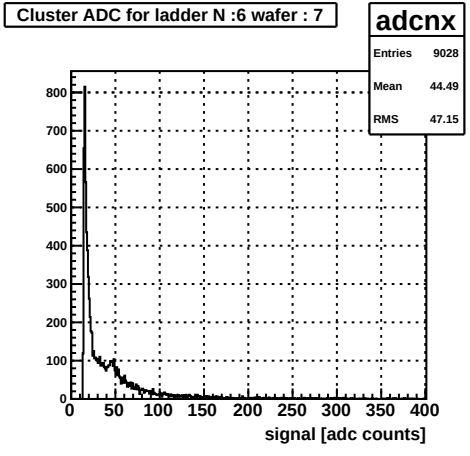

Cluster ADC for ladder N :6 wafer : 6
adcnx
Entries 5188
Mean 62.34
RMS 52.67
signal [adc counts]

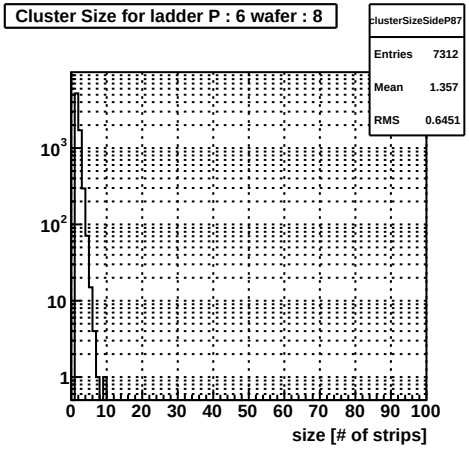

Cluster Size for ladder P : 6 wafer : 7
clusterSizeSideP86
Entries 23733
Mean 1.104
RMS 0.3609
size [# of strips]

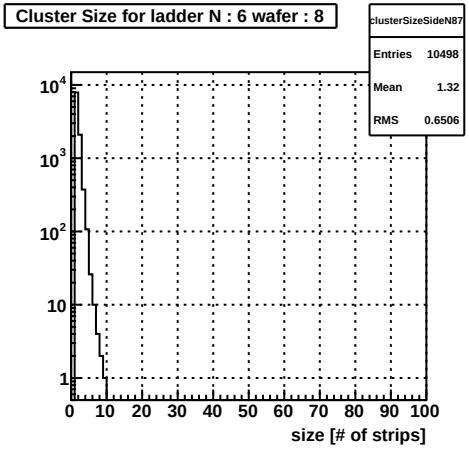

Cluster Size for ladder N : 6 wafer : 7
clusterSizeSideN86
Entries 9028
Mean 1.332
RMS 0.6827
size [# of strips]

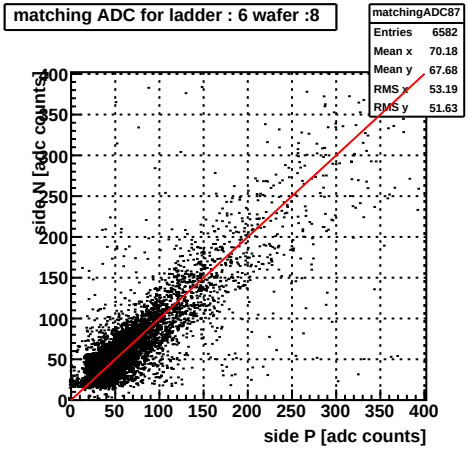

matching ADC for ladder : 6 wafer :7
matchingADC86
Entries 3450
Mean x 61.03
Mean y 52.14
RMS x 53.29
RMS y 48.15
side N [adc counts]
side P [adc counts]

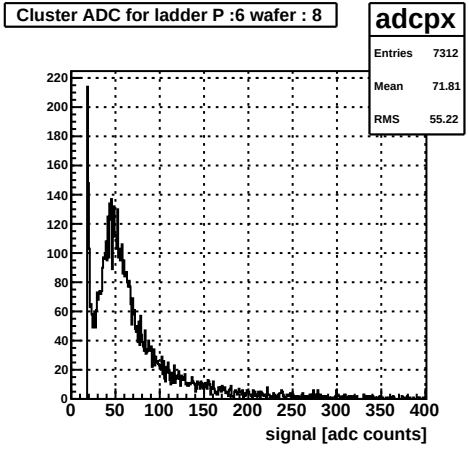

Cluster ADC for ladder P :6 wafer : 7
adcpx
Entries 23733
Mean 32.75
RMS 32.31
signal [adc counts]

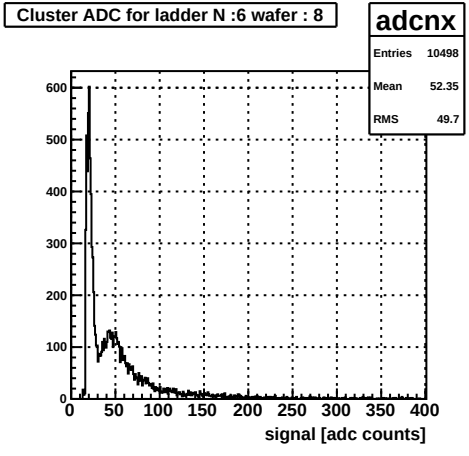

Cluster ADC for ladder N :6 wafer : 7
adcnx
Entries 9028
Mean 44.49
RMS 47.15
signal [adc counts]

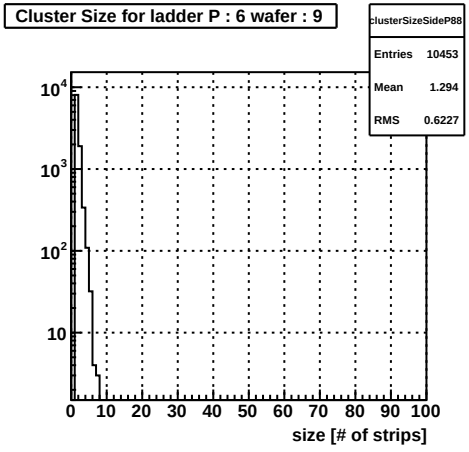

Cluster Size for ladder P : 6 wafer : 8
clusterSizeSideP87
Entries 7312
Mean 1.357
RMS 0.6451
size [# of strips]

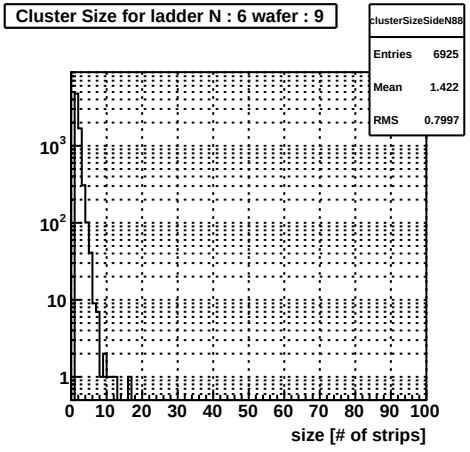

Cluster Size for ladder N : 6 wafer : 8
clusterSizeSideN87
Entries 10498
Mean 1.32
RMS 0.6506
size [# of strips]

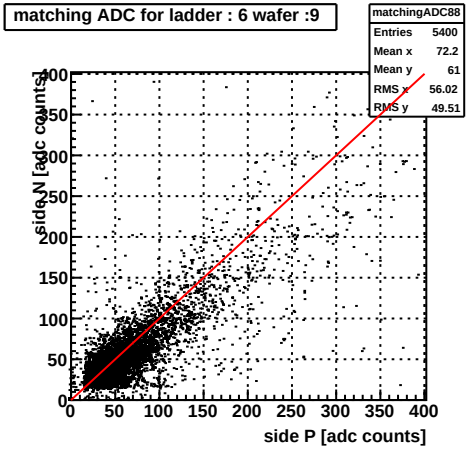

matching ADC for ladder : 6 wafer :8
matchingADC87
Entries 6582
Mean x 70.18
Mean y 67.68
RMS x 53.19
RMS y 51.63
side N [adc counts]
side P [adc counts]

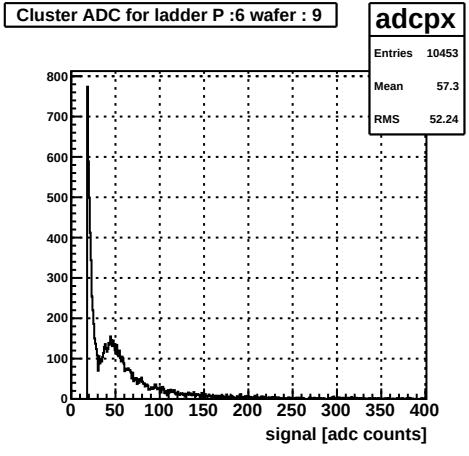

Cluster ADC for ladder P :6 wafer : 8
adcpx
Entries 7312
Mean 71.81
RMS 55.22
signal [adc counts]

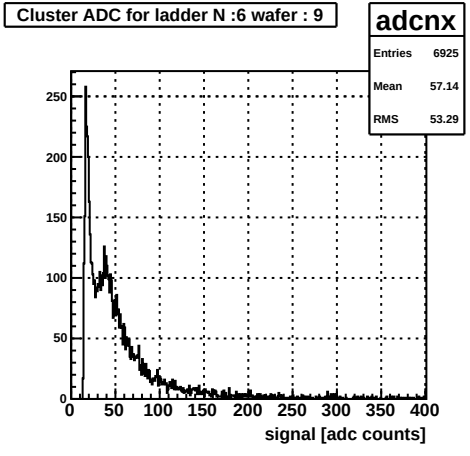

Cluster ADC for ladder N :6 wafer : 8
adcnx
Entries 10498
Mean 52.35
RMS 49.7
signal [adc counts]

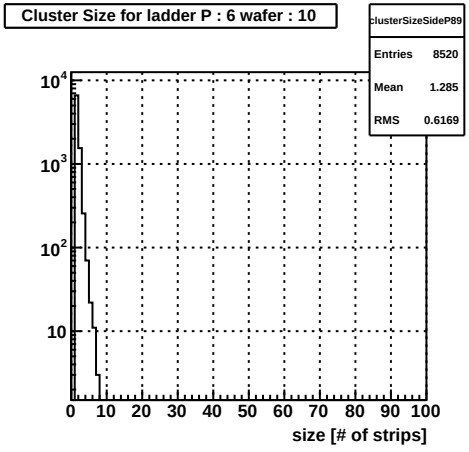

Cluster Size for ladder P : 6 wafer : 9
clusterSizeSideP88
Entries 10453
Mean 1.294
RMS 0.6227
size [# of strips]

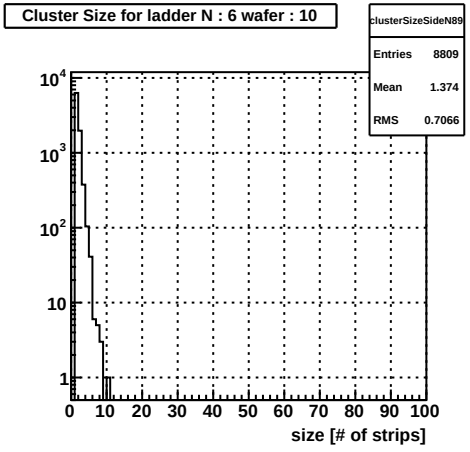

Cluster Size for ladder N : 6 wafer : 9
clusterSizeSideN88
Entries 6925
Mean 1.422
RMS 0.7997
size [# of strips]

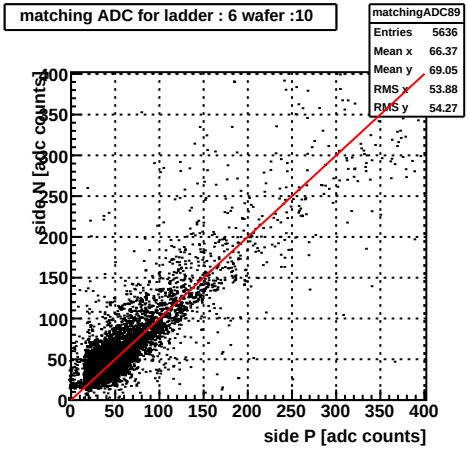

matching ADC for ladder : 6 wafer :9
matchingADC88
Entries 5400
Mean x 72.2
Mean y 61
RMS x 56.02
RMS y 49.51
side N [adc counts]
side P [adc counts]

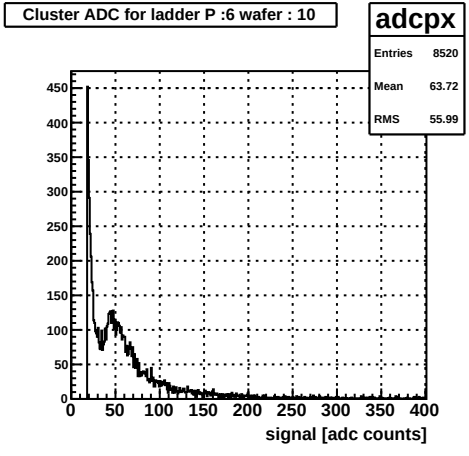

Cluster ADC for ladder P :6 wafer : 9
adcpx
Entries 10453
Mean 57.3
RMS 52.24
signal [adc counts]

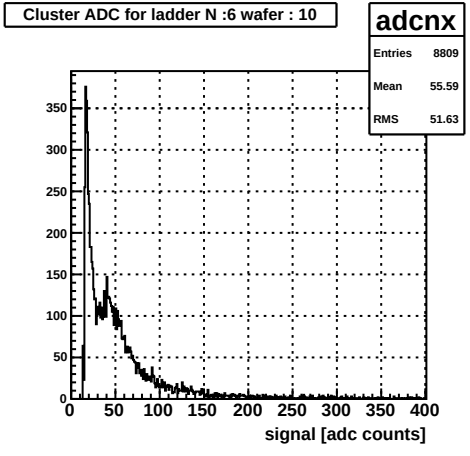

Cluster ADC for ladder N :6 wafer : 9
adcnx
Entries 6925
Mean 57.14
RMS 53.29
signal [adc counts]

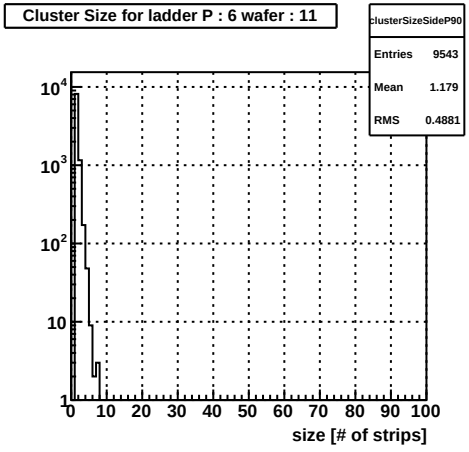

Cluster Size for ladder P : 6 wafer : 10
clusterSizeSideP89
Entries 8520
Mean 1.285
RMS 0.6169
size [# of strips]

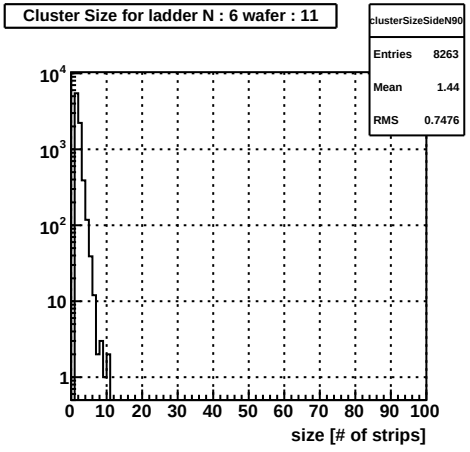

Cluster Size for ladder N : 6 wafer : 10
clusterSizeSideN89
Entries 8809
Mean 1.374
RMS 0.7066
size [# of strips]

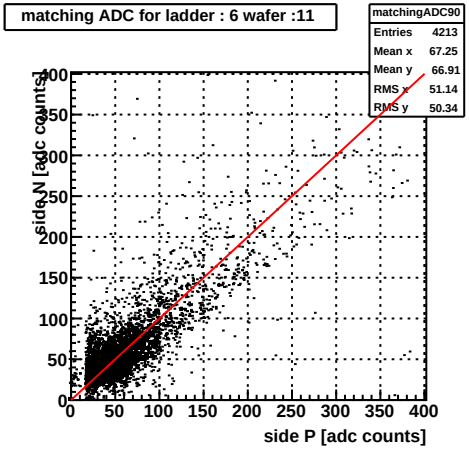

matching ADC for ladder : 6 wafer :10
matchingADC89
Entries 5636
Mean x 66.37
Mean y 69.05
RMS x 53.88
RMS y 54.27
side N [adc counts]
side P [adc counts]

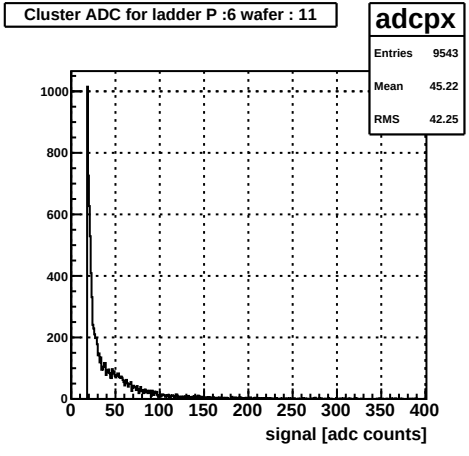

Cluster ADC for ladder P :6 wafer : 10
adcpx
Entries 8520
Mean 63.72
RMS 55.99
signal [adc counts]

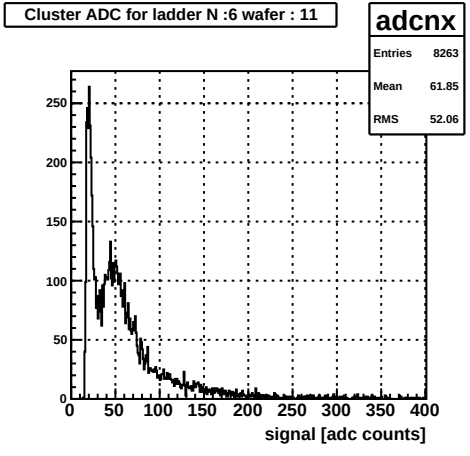

Cluster ADC for ladder N :6 wafer : 10
adcnx
Entries 8809
Mean 55.59
RMS 51.63
signal [adc counts]

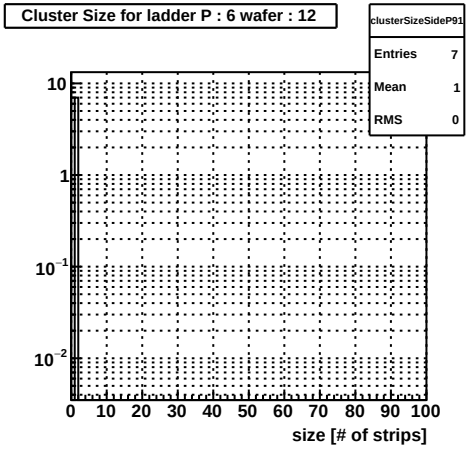

Cluster Size for ladder P : 6 wafer : 11
clusterSizeSideP90
Entries 9543
Mean 1.179
RMS 0.4881
size [# of strips]

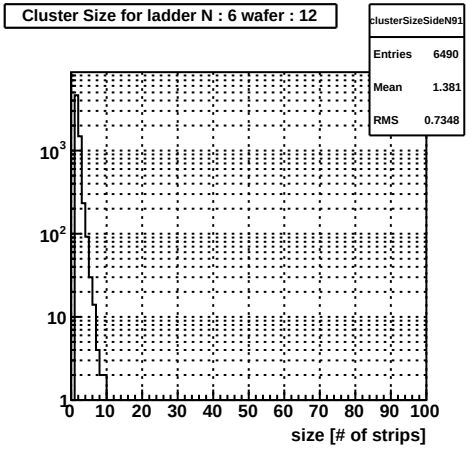

Cluster Size for ladder N : 6 wafer : 11
clusterSizeSideN90
Entries 8263
Mean 1.44
RMS 0.7476
size [# of strips]

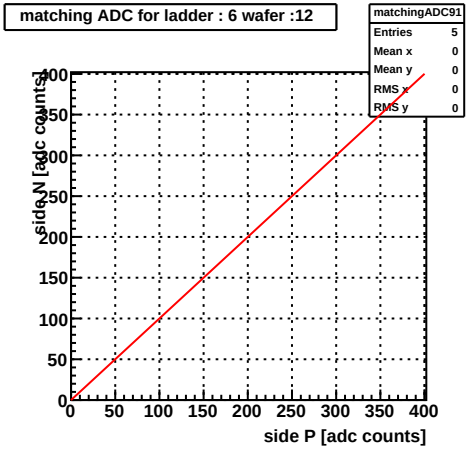

matching ADC for ladder : 6 wafer :11
matchingADC90
Entries 4213
Mean x 67.25
Mean y 66.91
RMS x 51.14
RMS y 50.34
side N [adc counts]
side P [adc counts]

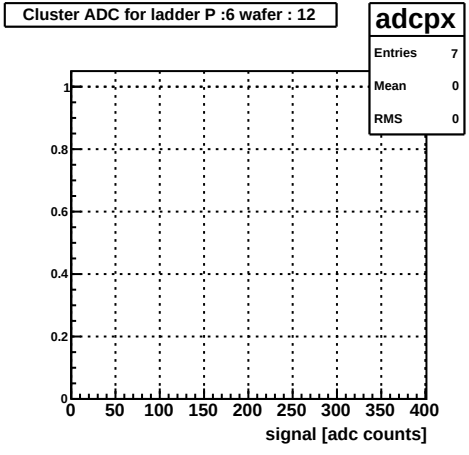

Cluster ADC for ladder P :6 wafer : 11
adcpx
Entries 9543
Mean 45.22
RMS 42.25
signal [adc counts]

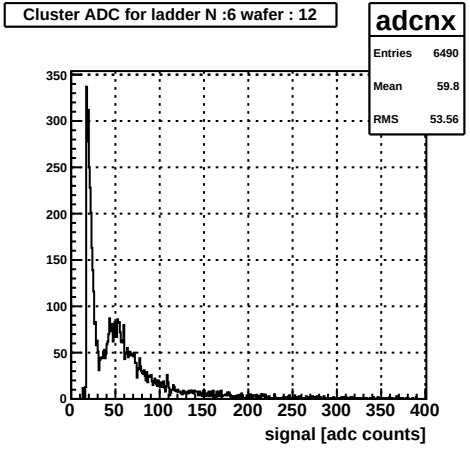

Cluster ADC for ladder N :6 wafer : 11
adcnx
Entries 8263
Mean 61.85
RMS 52.06
signal [adc counts]

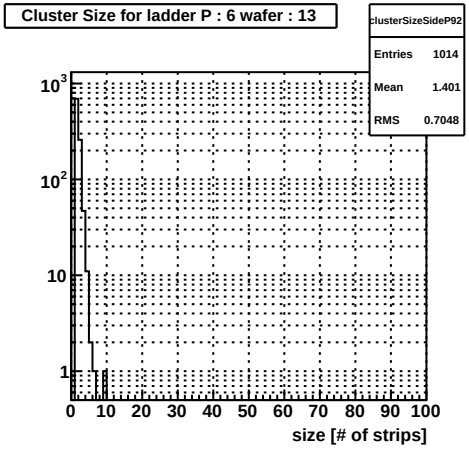

Cluster Size for ladder P : 6 wafer : 12
clusterSizeSideP91
Entries 7
Mean 1
RMS 0
size [# of strips]

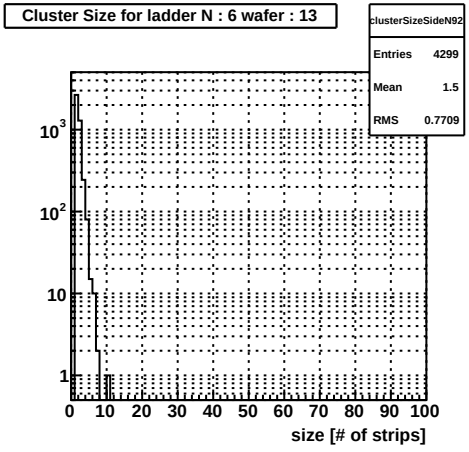

Cluster Size for ladder N : 6 wafer : 12
clusterSizeSideN91
Entries 6490
Mean 1.381
RMS 0.7348
size [# of strips]

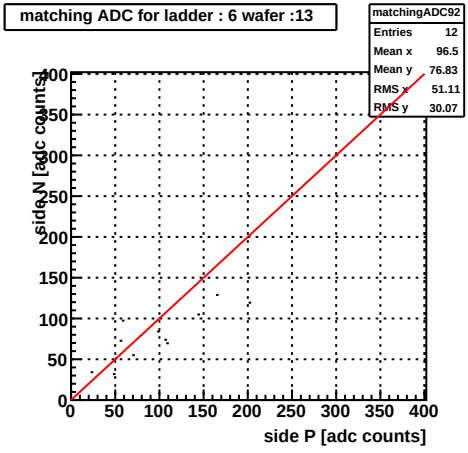

matching ADC for ladder : 6 wafer :12
matchingADC91
Entries 5
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

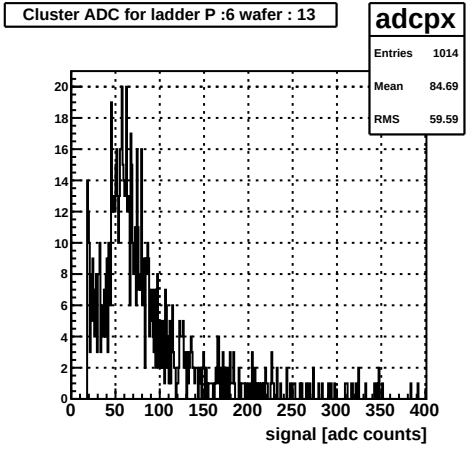

Cluster ADC for ladder P :6 wafer : 12
adcpx
Entries 7
Mean 0
RMS 0
signal [adc counts]

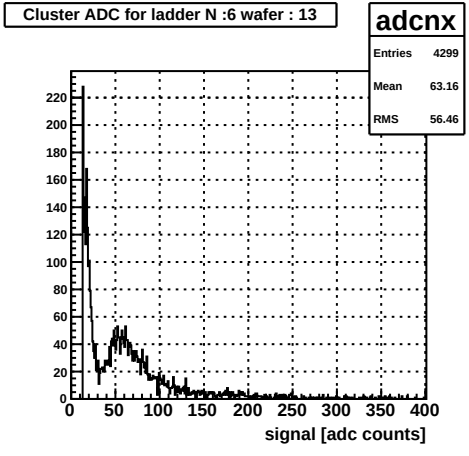

Cluster ADC for ladder N :6 wafer : 12
adcnx
Entries 6490
Mean 59.8
RMS 53.56
signal [adc counts]

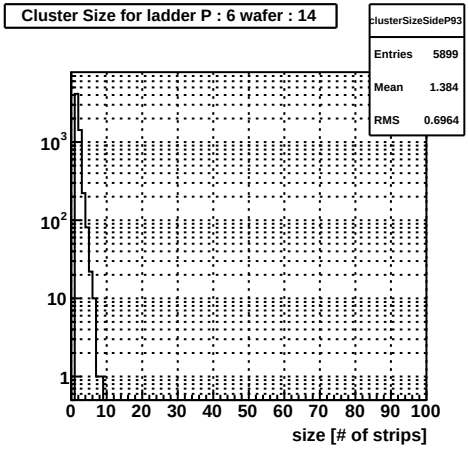

Cluster Size for ladder P : 6 wafer : 13
clusterSizeSideP92
Entries 1014
Mean 1.401
RMS 0.7048
size [# of strips]

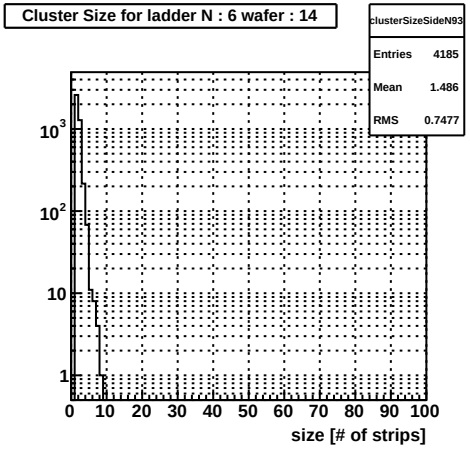

Cluster Size for ladder N : 6 wafer : 13
clusterSizeSideN92
Entries 4299
Mean 1.5
RMS 0.7709
size [# of strips]

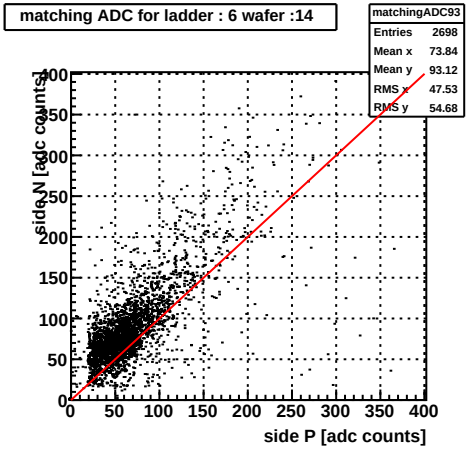

matching ADC for ladder : 6 wafer :13
matchingADC92
Entries 12
Mean x 96.5
Mean y 76.83
RMS x 51.11
RMS y 30.07
side N [adc counts]
side P [adc counts]

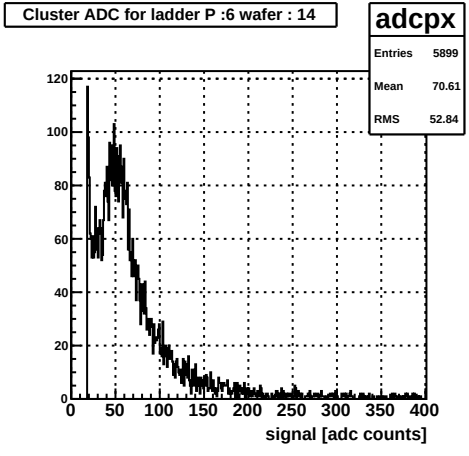

Cluster ADC for ladder P :6 wafer : 13
adcpx
Entries 1014
Mean 84.69
RMS 59.59
signal [adc counts]

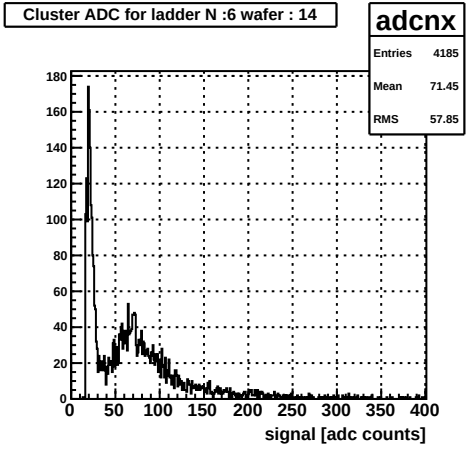

Cluster ADC for ladder N :6 wafer : 13
adcnx
Entries 4299
Mean 63.16
RMS 56.46
signal [adc counts]

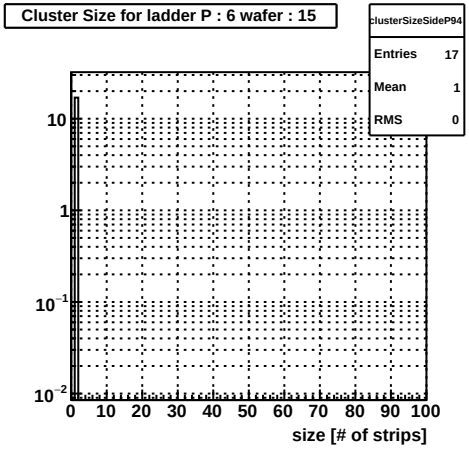

Cluster Size for ladder P : 6 wafer : 14
clusterSizeSideP93
Entries 5899
Mean 1.384
RMS 0.6964
size [# of strips]

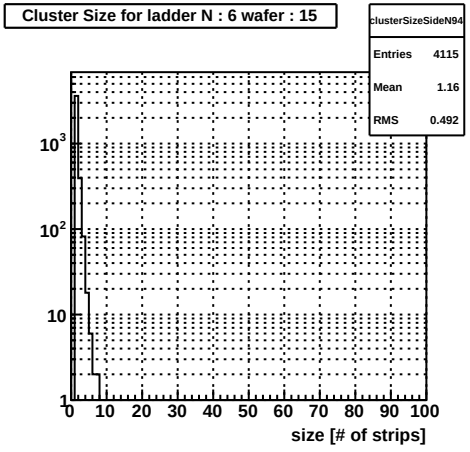

Cluster Size for ladder N : 6 wafer : 14
clusterSizeSideN93
Entries 4185
Mean 1.486
RMS 0.7477
size [# of strips]

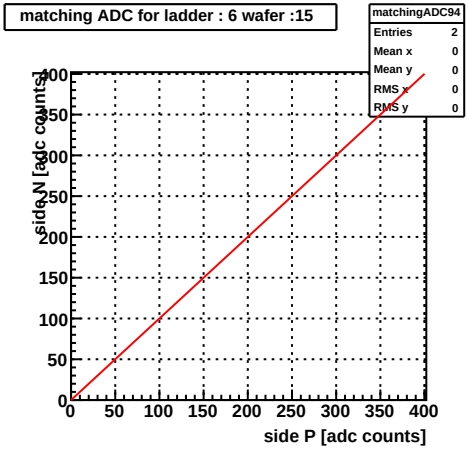

matching ADC for ladder : 6 wafer :14
matchingADC93
Entries 2698
Mean x 73.84
Mean y 93.12
RMS x 47.53
RMS y 54.68
side N [adc counts]
side P [adc counts]

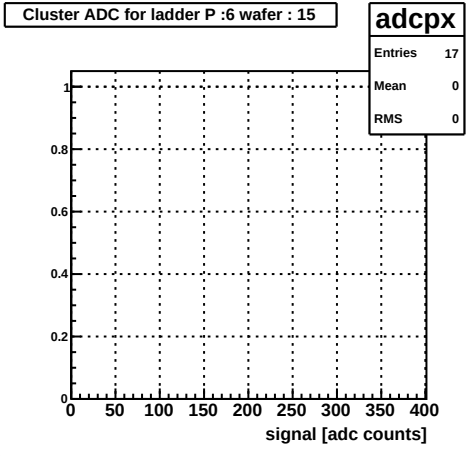

Cluster ADC for ladder P :6 wafer : 14
adcpx
Entries 5899
Mean 70.61
RMS 52.84
signal [adc counts]

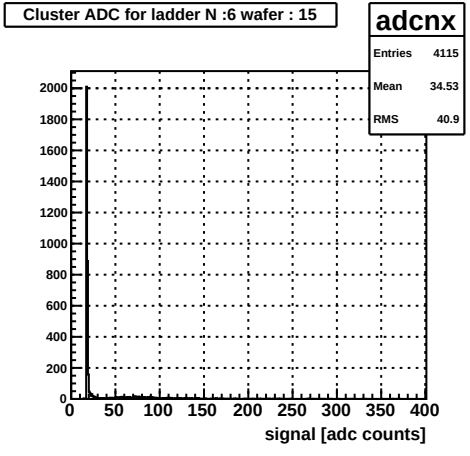

Cluster ADC for ladder N :6 wafer : 14
adcnx
Entries 4185
Mean 71.45
RMS 57.85
signal [adc counts]

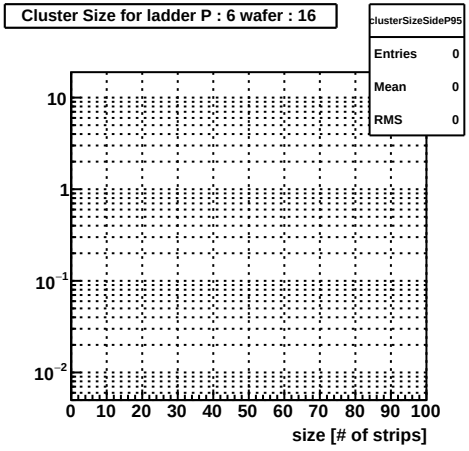

Cluster Size for ladder P : 6 wafer : 15
clusterSizeSideP94
Entries 17
Mean 1
RMS 0
size [# of strips]

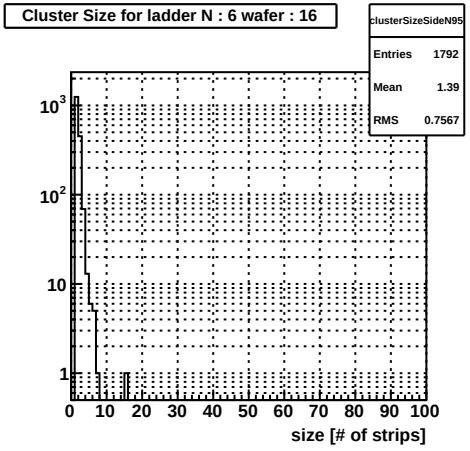

Cluster Size for ladder N : 6 wafer : 15
clusterSizeSideN94
Entries 4115
Mean 1.16
RMS 0.492
size [# of strips]

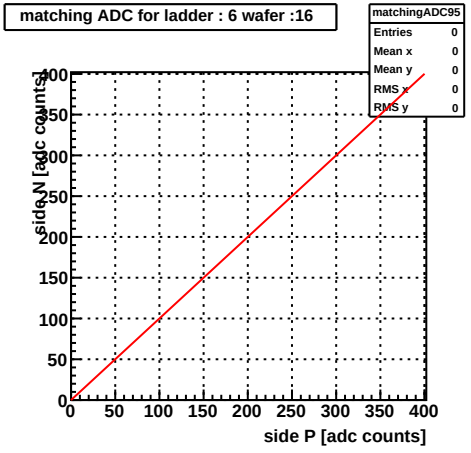

matching ADC for ladder : 6 wafer :15
matchingADC94
Entries 2
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

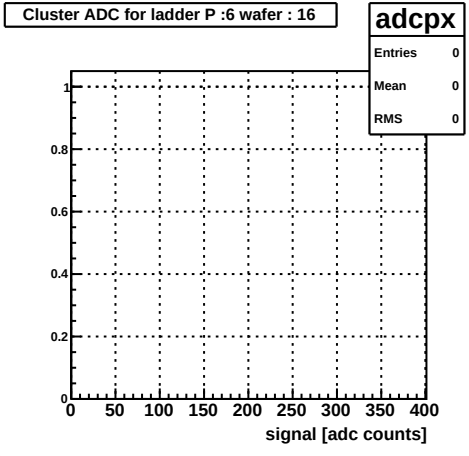

Cluster ADC for ladder P :6 wafer : 15
adcpx
Entries 17
Mean 0
RMS 0
signal [adc counts]

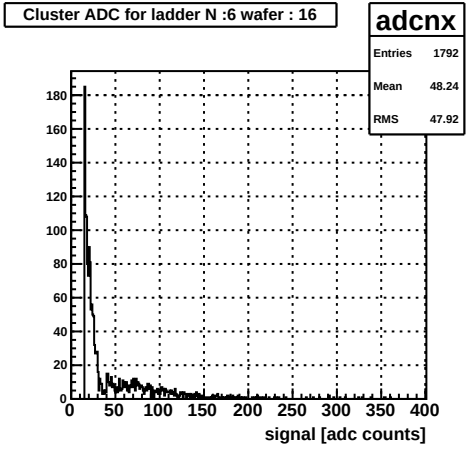

Cluster ADC for ladder N :6 wafer : 15
adcnx
Entries 4115
Mean 34.53
RMS 40.9
signal [adc counts]

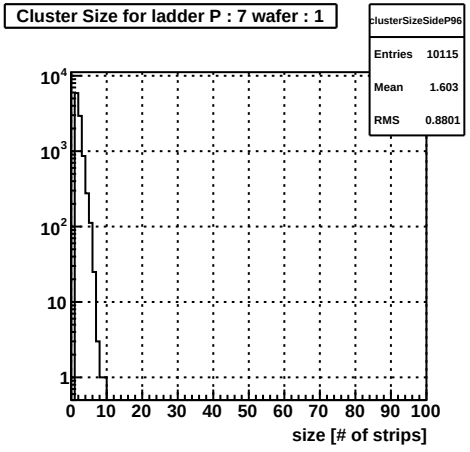

Cluster Size for ladder P : 6 wafer : 16
clusterSizeSideP95
Entries 0
Mean 0
RMS 0
size [# of strips]

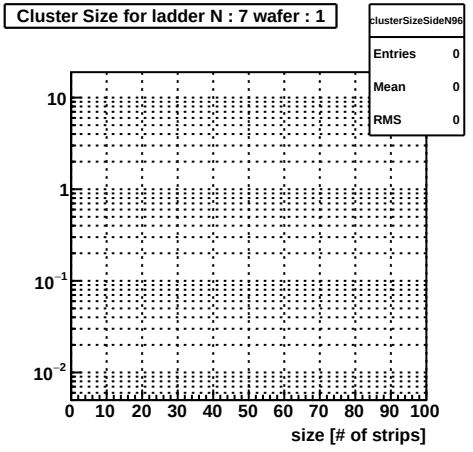

Cluster Size for ladder N : 6 wafer : 16
clusterSizeSideN95
Entries 1792
Mean 1.39
RMS 0.7567
size [# of strips]

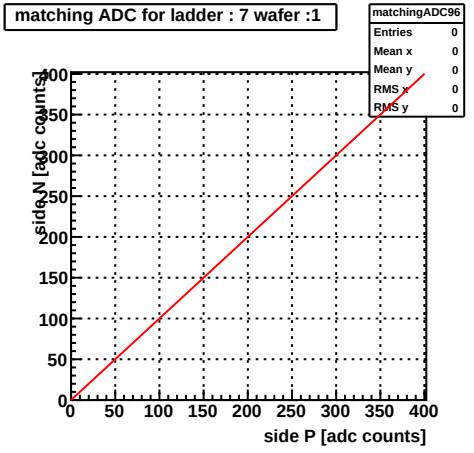

matching ADC for ladder : 6 wafer :16
matchingADC95
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

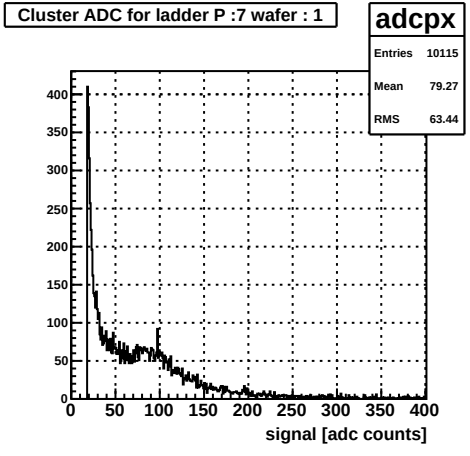

Cluster ADC for ladder P :6 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

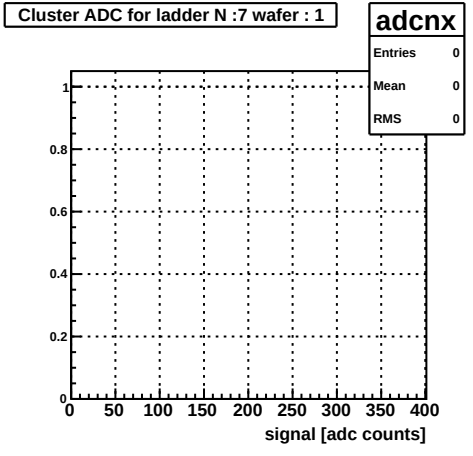

Cluster ADC for ladder N :6 wafer : 16
adcnx
Entries 1792
Mean 48.24
RMS 47.92
signal [adc counts]

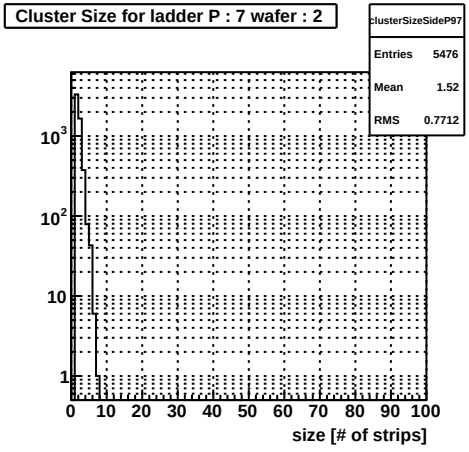

Cluster Size for ladder P : 7 wafer : 1
clusterSizeSideP96
Entries 10115
Mean 1.603
RMS 0.8801
size [# of strips]

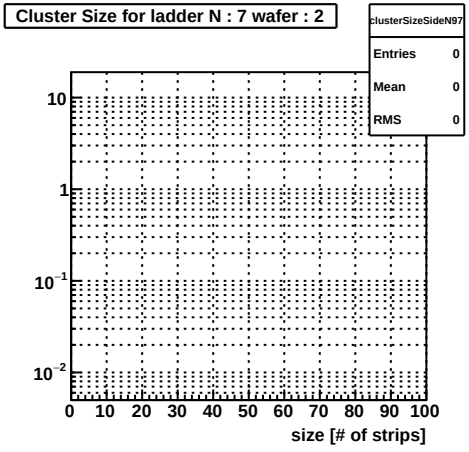

Cluster Size for ladder N : 7 wafer : 1
clusterSizeSideN96
Entries 0
Mean 0
RMS 0
size [# of strips]

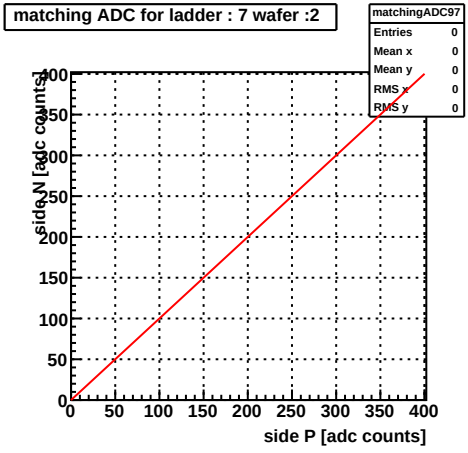

matching ADC for ladder : 7 wafer :1
matchingADC96
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

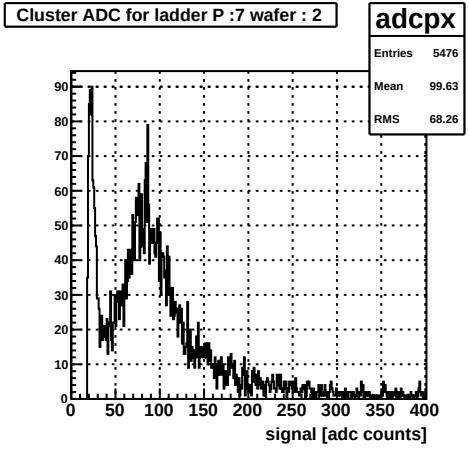

Cluster ADC for ladder P :7 wafer : 1
adcpx
Entries 10115
Mean 79.27
RMS 63.44
signal [adc counts]

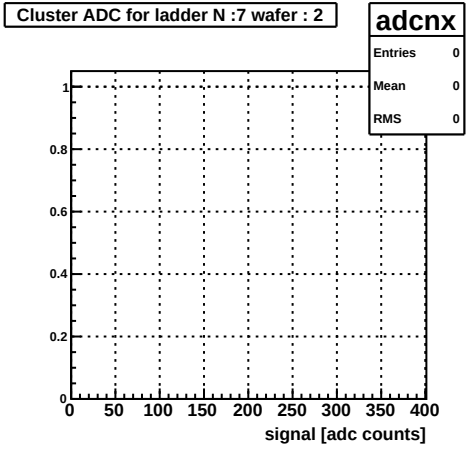

Cluster ADC for ladder N :7 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

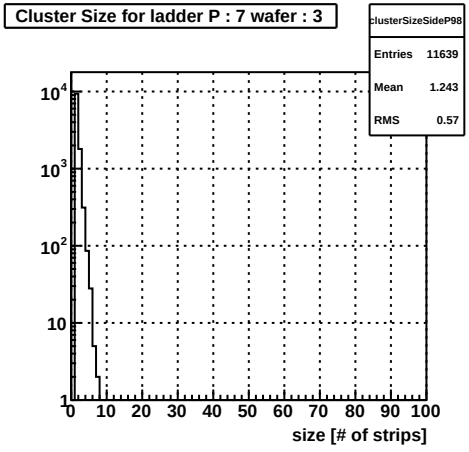

Cluster Size for ladder P : 7 wafer : 2
clusterSizeSideP97
Entries 5476
Mean 1.52
RMS 0.7712
size [# of strips]

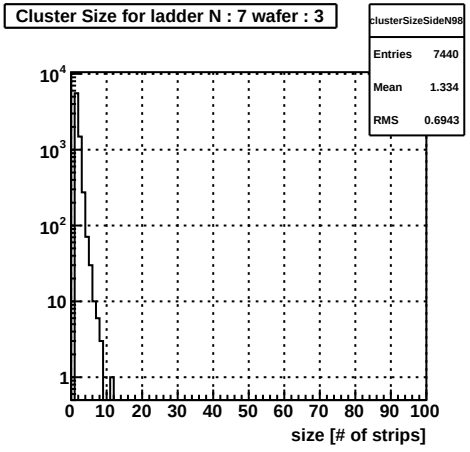

Cluster Size for ladder N : 7 wafer : 2
clusterSizeSideN97
Entries 0
Mean 0
RMS 0
size [# of strips]

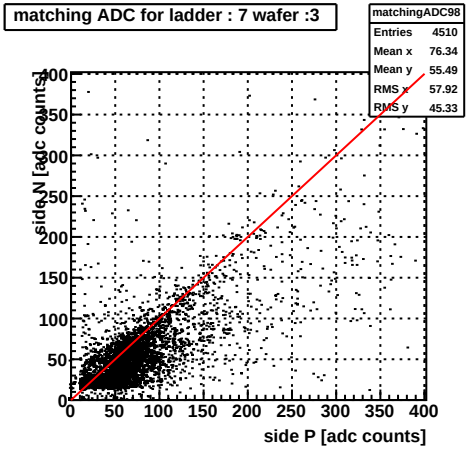

matching ADC for ladder : 7 wafer :2
matchingADC97
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

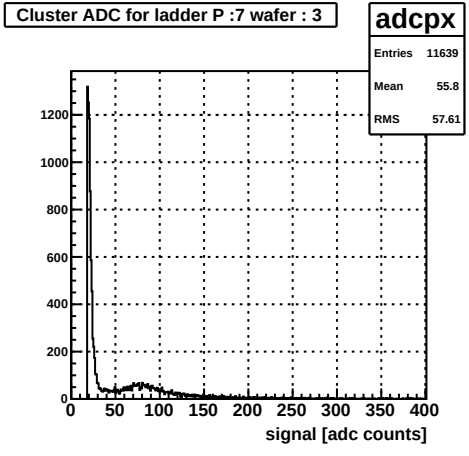

Cluster ADC for ladder P :7 wafer : 2
adcpx
Entries 5476
Mean 99.63
RMS 68.26
signal [adc counts]

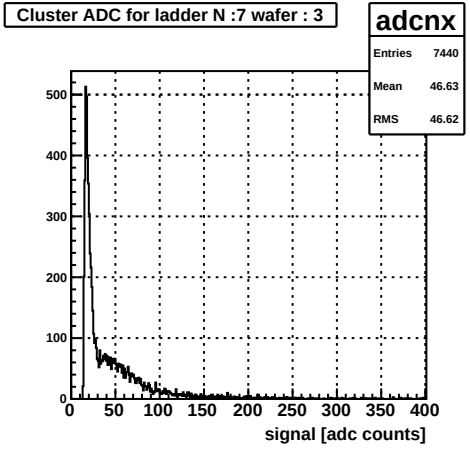

Cluster ADC for ladder N :7 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

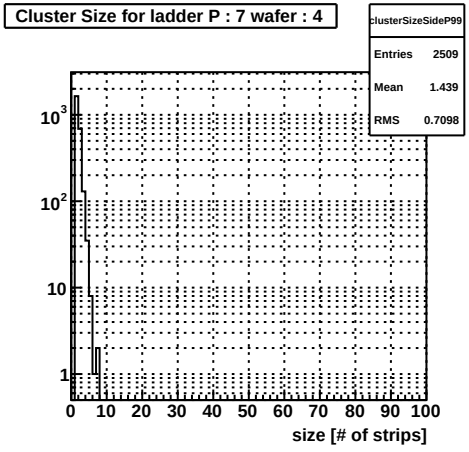

Cluster Size for ladder P : 7 wafer : 3
clusterSizeSideP98
Entries 11639
Mean 1.243
RMS 0.57
size [# of strips]

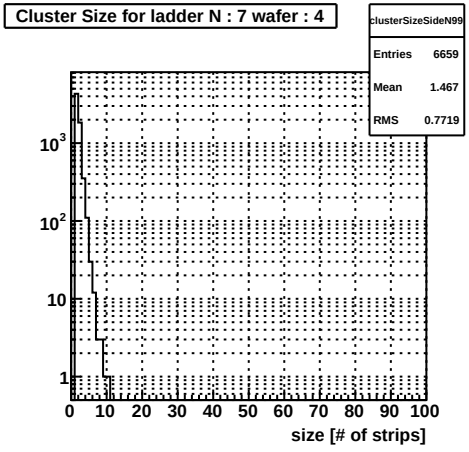

Cluster Size for ladder N : 7 wafer : 3
clusterSizeSideN98
Entries 7440
Mean 1.334
RMS 0.6943
size [# of strips]

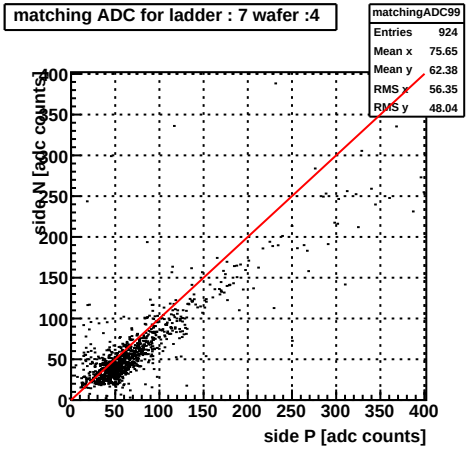

matching ADC for ladder : 7 wafer :3
matchingADC98
Entries 4510
Mean x 76.34
Mean y 55.49
RMS x 57.92
RMS y 45.33
side N [adc counts]
side P [adc counts]

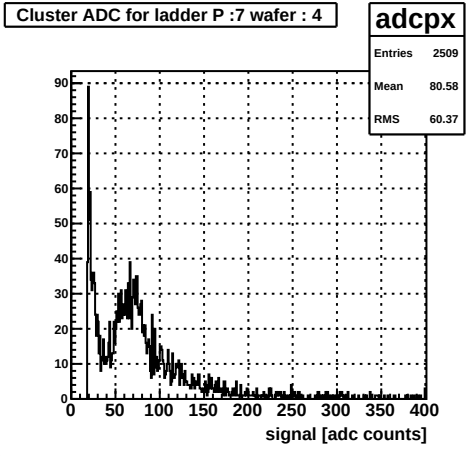

Cluster ADC for ladder P :7 wafer : 3
adcpx
Entries 11639
Mean 55.8
RMS 57.61
signal [adc counts]

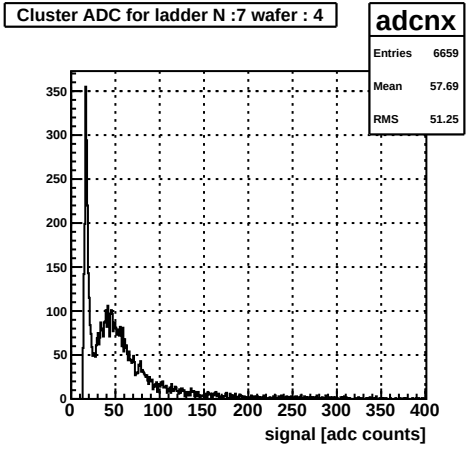

Cluster ADC for ladder N :7 wafer : 3
adcnx
Entries 7440
Mean 46.63
RMS 46.62
signal [adc counts]

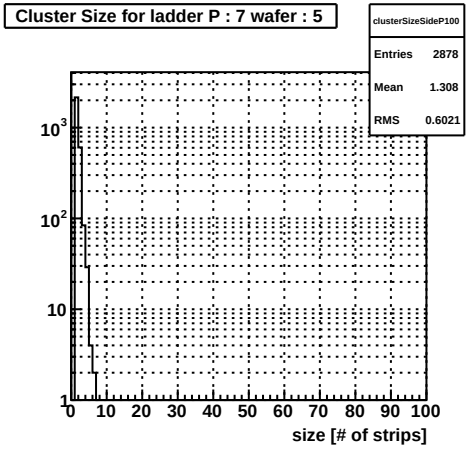

Cluster Size for ladder P : 7 wafer : 4
clusterSizeSideP99
Entries 2509
Mean 1.439
RMS 0.7098
size [# of strips]

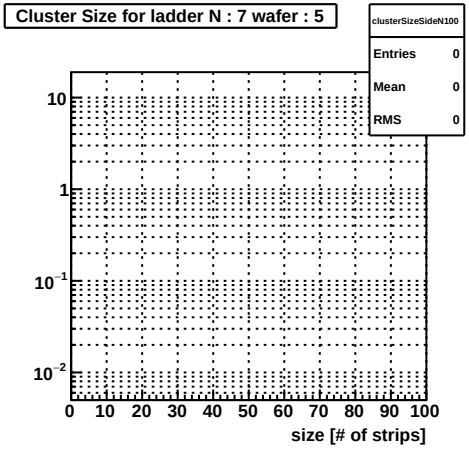

Cluster Size for ladder N : 7 wafer : 4
clusterSizeSideN99
Entries 6659
Mean 1.467
RMS 0.7719
size [# of strips]

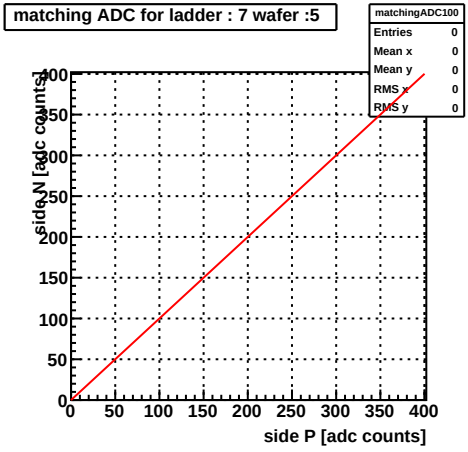

matching ADC for ladder : 7 wafer :4
matchingADC99
Entries 924
Mean x 75.65
Mean y 62.38
RMS x 56.35
RMS y 48.04
side N [adc counts]
side P [adc counts]

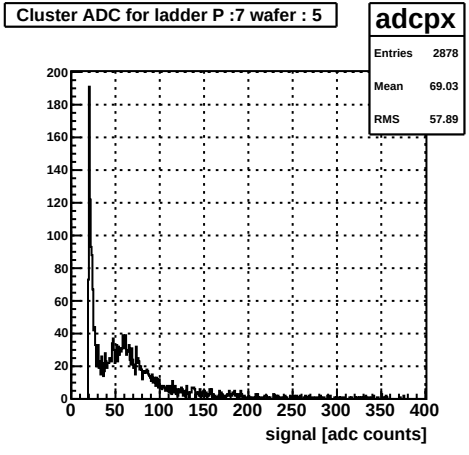

Cluster ADC for ladder P :7 wafer : 4
adcpx
Entries 2509
Mean 80.58
RMS 60.37
signal [adc counts]

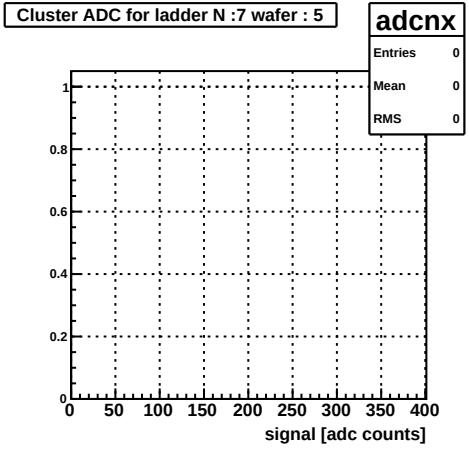

Cluster ADC for ladder N :7 wafer : 4
adcnx
Entries 6659
Mean 57.69
RMS 51.25
signal [adc counts]

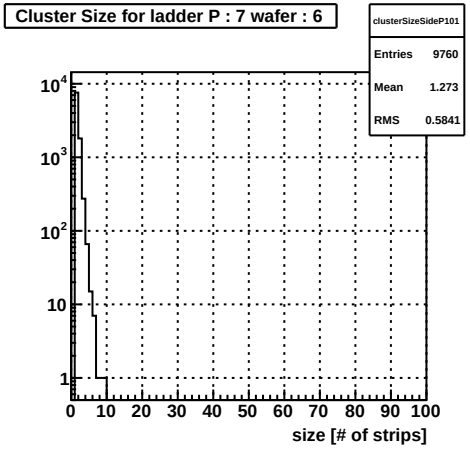

Cluster Size for ladder P : 7 wafer : 5
clusterSizeSideP100
Entries 2878
Mean 1.308
RMS 0.6021
size [# of strips]

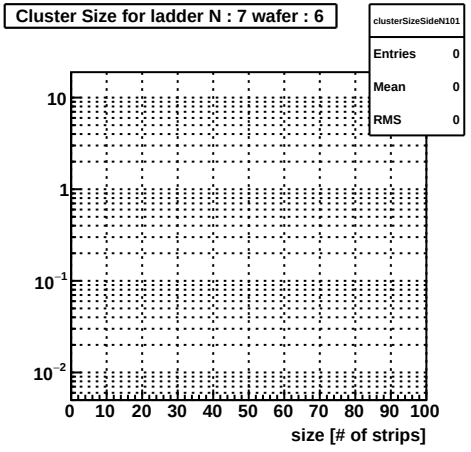

Cluster Size for ladder N : 7 wafer : 5
clusterSizeSideN100
Entries 0
Mean 0
RMS 0
size [# of strips]

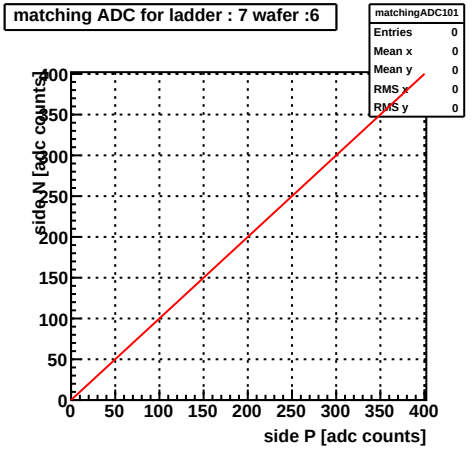

matching ADC for ladder : 7 wafer :5
matchingADC100
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

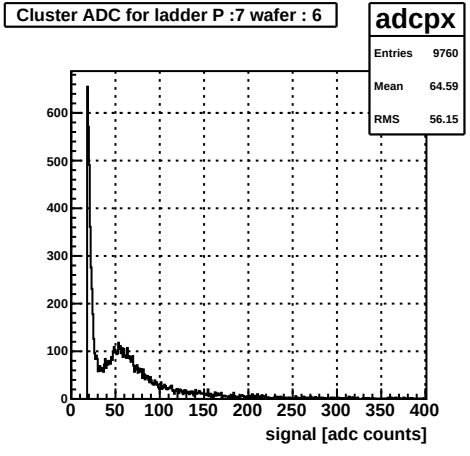

Cluster ADC for ladder P :7 wafer : 5
adcpx
Entries 2878
Mean 69.03
RMS 57.89
signal [adc counts]

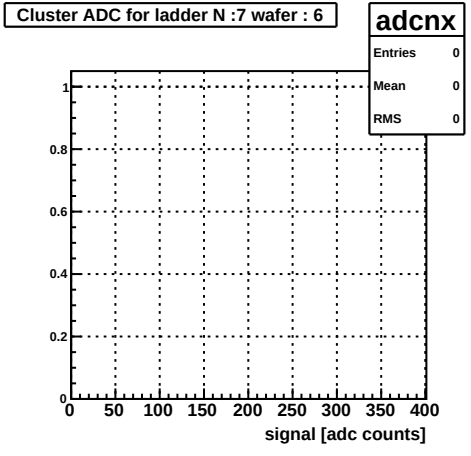

Cluster ADC for ladder N :7 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

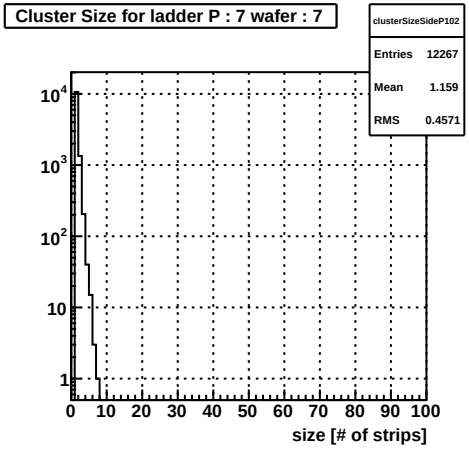

Cluster Size for ladder P : 7 wafer : 6
clusterSizeSideP101
Entries 9760
Mean 1.273
RMS 0.5841
size [# of strips]

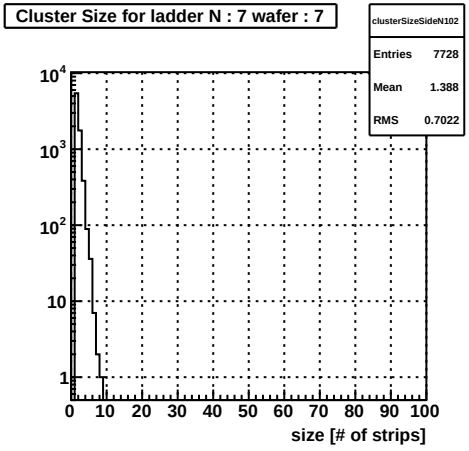

Cluster Size for ladder N : 7 wafer : 6
clusterSizeSideN101
Entries 0
Mean 0
RMS 0
size [# of strips]

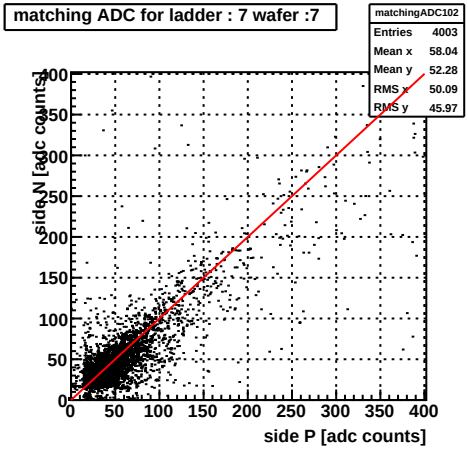

matching ADC for ladder : 7 wafer :6
matchingADC101
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

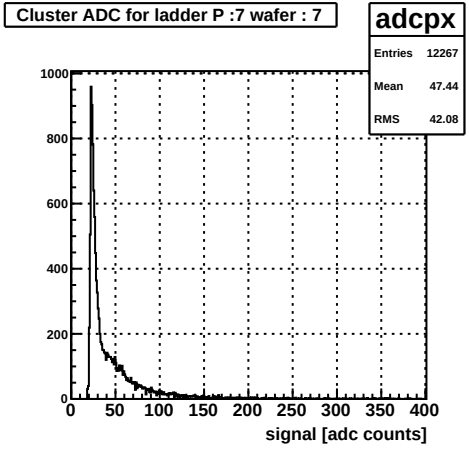

Cluster ADC for ladder P :7 wafer : 6
adcpx
Entries 9760
Mean 64.59
RMS 56.15
signal [adc counts]

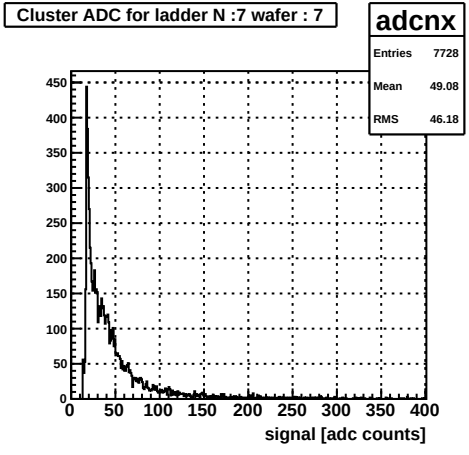

Cluster ADC for ladder N :7 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

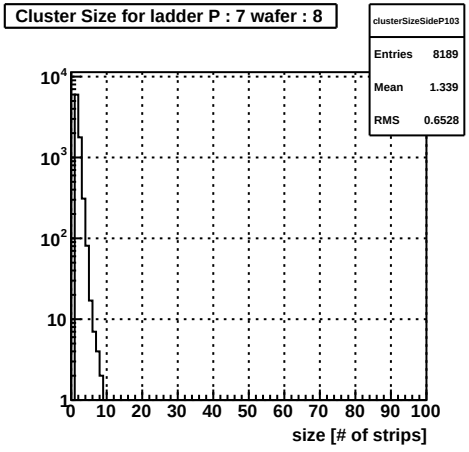

Cluster Size for ladder P : 7 wafer : 7
clusterSizeSideP102
Entries 12267
Mean 1.159
RMS 0.4571
size [# of strips]

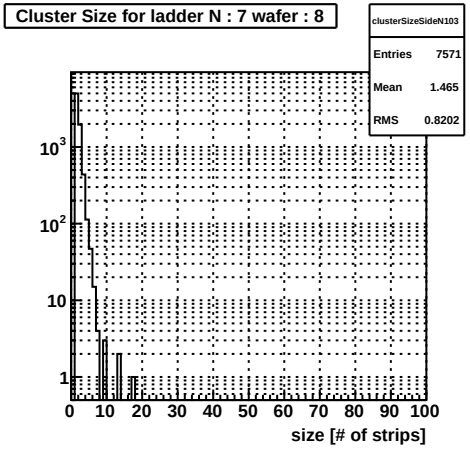

Cluster Size for ladder N : 7 wafer : 7
clusterSizeSideN102
Entries 7728
Mean 1.388
RMS 0.7022
size [# of strips]

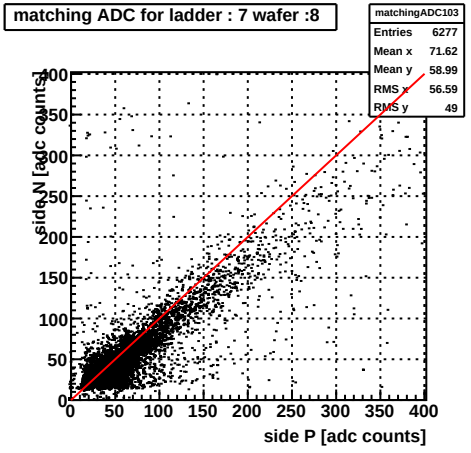

matching ADC for ladder : 7 wafer :7
matchingADC102
Entries 4003
Mean x 58.04
Mean y 52.28
RMS x 50.09
RMS y 45.97
side N [adc counts]
side P [adc counts]

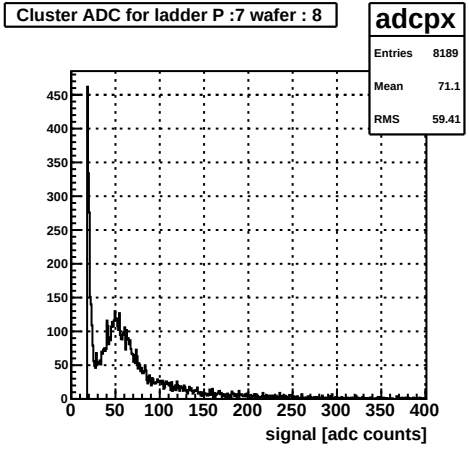

Cluster ADC for ladder P :7 wafer : 7
adcpx
Entries 12267
Mean 47.44
RMS 42.08
signal [adc counts]

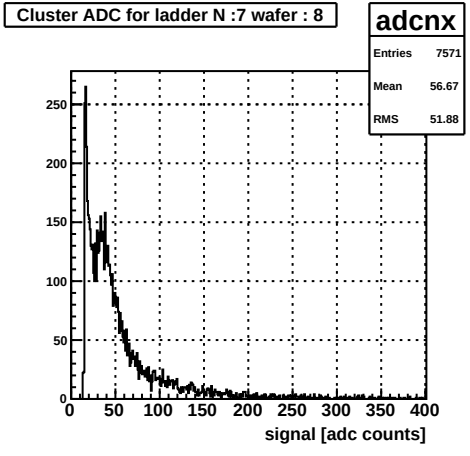

Cluster ADC for ladder N :7 wafer : 7
adcnx
Entries 7728
Mean 49.08
RMS 46.18
signal [adc counts]

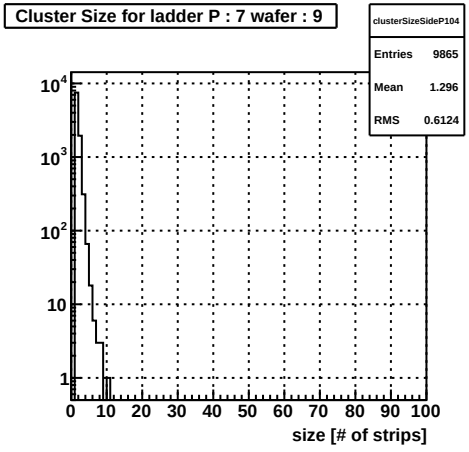

Cluster Size for ladder P : 7 wafer : 8
clusterSizeSideP103
Entries 8189
Mean 1.339
RMS 0.6528
size [# of strips]

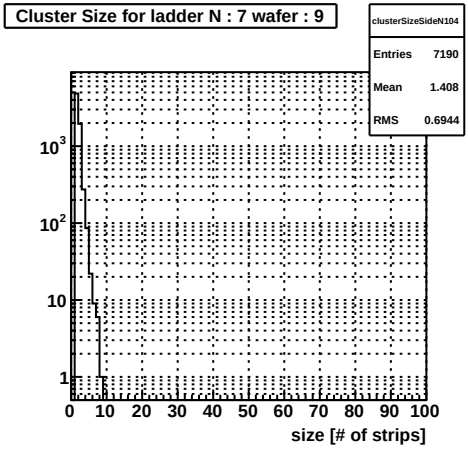

Cluster Size for ladder N : 7 wafer : 8
clusterSizeSideN103
Entries 7571
Mean 1.465
RMS 0.8202
size [# of strips]

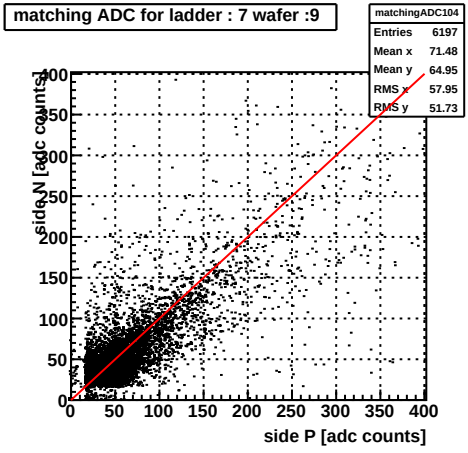

matching ADC for ladder : 7 wafer :8
matchingADC103
Entries 6277
Mean x 71.62
Mean y 58.99
RMS x 56.59
RMS y 49
side N [adc counts]
side P [adc counts]

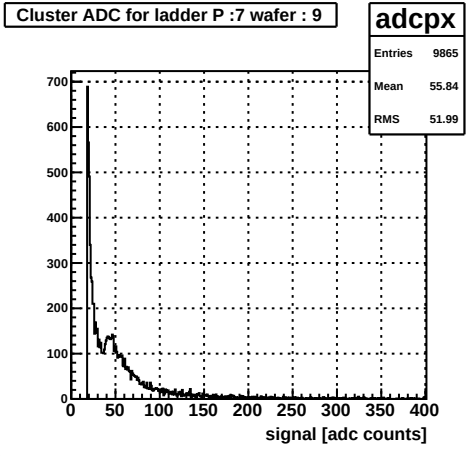

Cluster ADC for ladder P :7 wafer : 8
adcpx
Entries 8189
Mean 71.1
RMS 59.41
signal [adc counts]

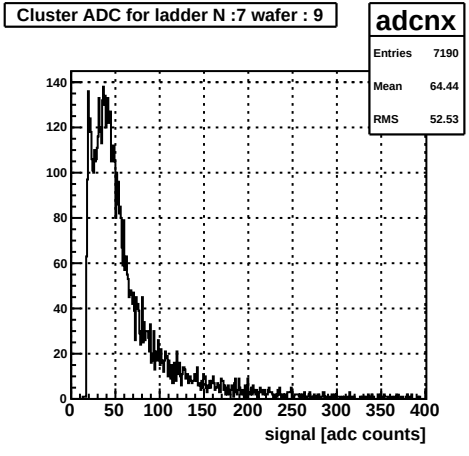

Cluster ADC for ladder N :7 wafer : 8
adcnx
Entries 7571
Mean 56.67
RMS 51.88
signal [adc counts]

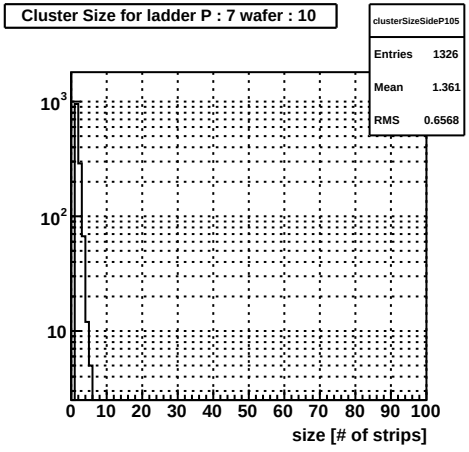

Cluster Size for ladder P : 7 wafer : 9
clusterSizeSideP104
Entries 9865
Mean 1.296
RMS 0.6124
size [# of strips]

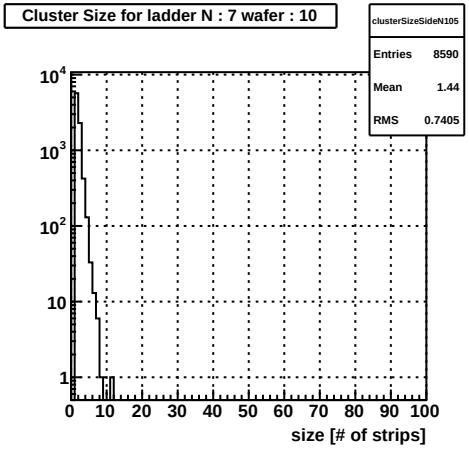

Cluster Size for ladder N : 7 wafer : 9
clusterSizeSideN104
Entries 7190
Mean 1.408
RMS 0.6944
size [# of strips]

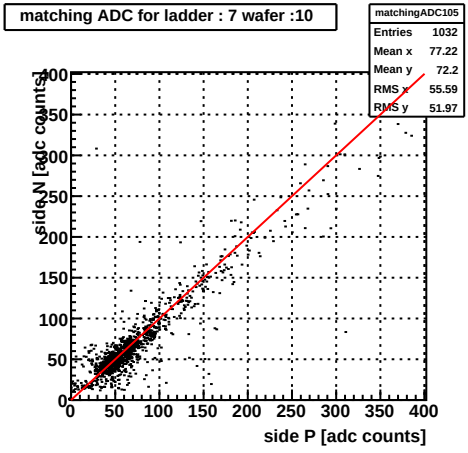

matching ADC for ladder : 7 wafer :9
matchingADC104
Entries 6197
Mean x 71.48
Mean y 64.95
RMS x 57.95
RMS y 51.73
side N [adc counts]
side P [adc counts]

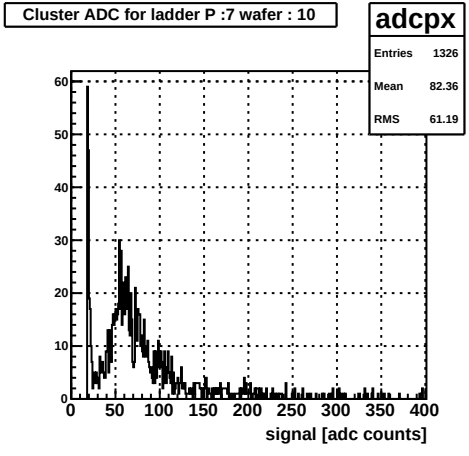

Cluster ADC for ladder P :7 wafer : 9
adcpx
Entries 9865
Mean 55.84
RMS 51.99
signal [adc counts]

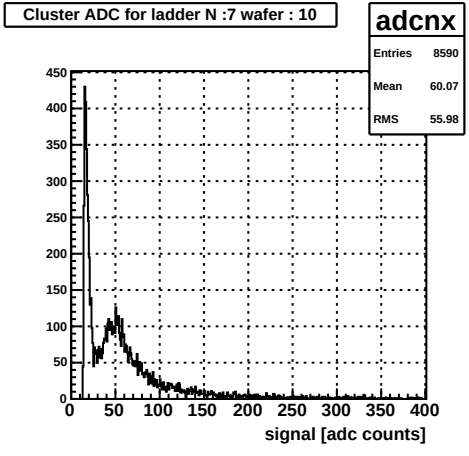

Cluster ADC for ladder N :7 wafer : 9
adcnx
Entries 7190
Mean 64.44
RMS 52.53
signal [adc counts]

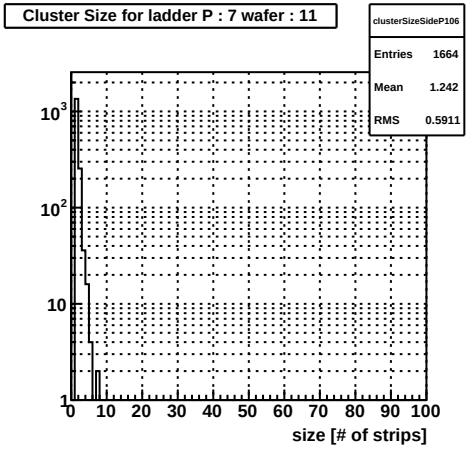

Cluster Size for ladder P : 7 wafer : 10
clusterSizeSideP105
Entries 1326
Mean 1.361
RMS 0.6568
size [# of strips]

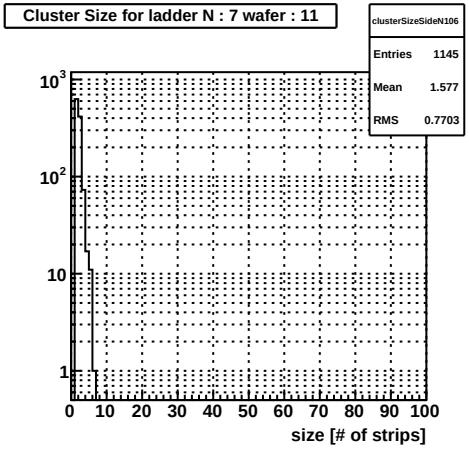

Cluster Size for ladder N : 7 wafer : 10
clusterSizeSideN105
Entries 8590
Mean 1.44
RMS 0.7405
size [# of strips]

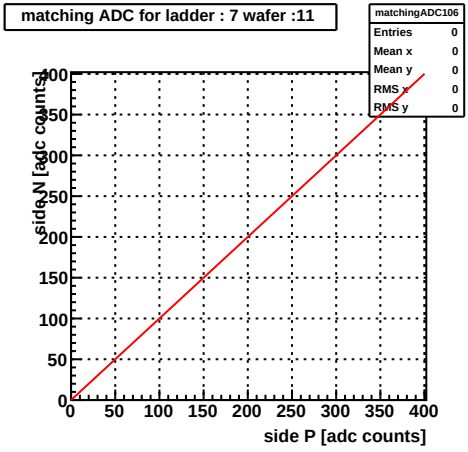

matching ADC for ladder : 7 wafer :10
matchingADC105
Entries 1032
Mean x 77.22
Mean y 72.2
RMS x 55.59
RMS y 51.97
side N [adc counts]
side P [adc counts]

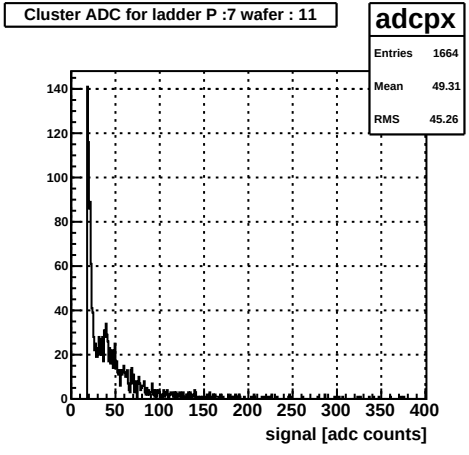

Cluster ADC for ladder P :7 wafer : 10
adcpx
Entries 1326
Mean 82.36
RMS 61.19
signal [adc counts]

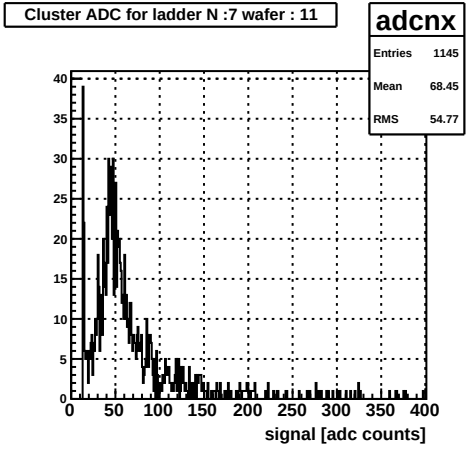

Cluster ADC for ladder N :7 wafer : 10
adcnx
Entries 8590
Mean 60.07
RMS 55.98
signal [adc counts]

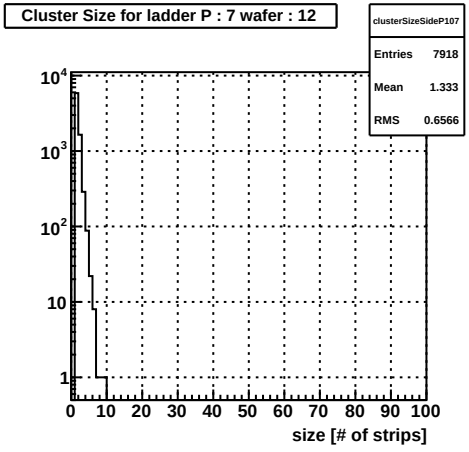

Cluster Size for ladder P : 7 wafer : 11
clusterSizeSideP106
Entries 1664
Mean 1.242
RMS 0.5911
size [# of strips]

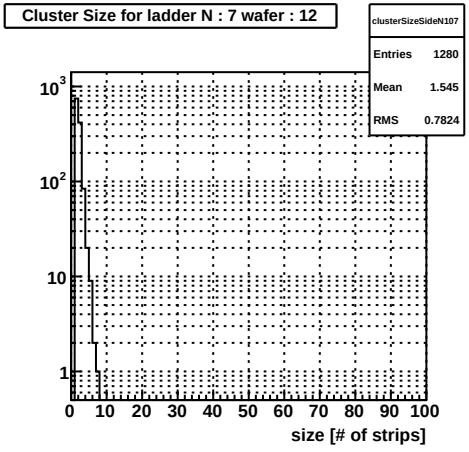

Cluster Size for ladder N : 7 wafer : 11
clusterSizeSideN106
Entries 1145
Mean 1.577
RMS 0.7703
size [# of strips]

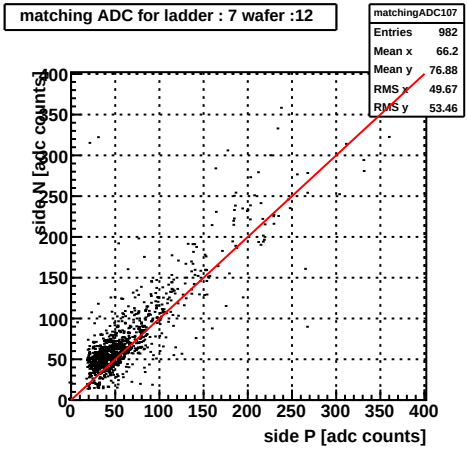

matching ADC for ladder : 7 wafer :11
matchingADC106
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

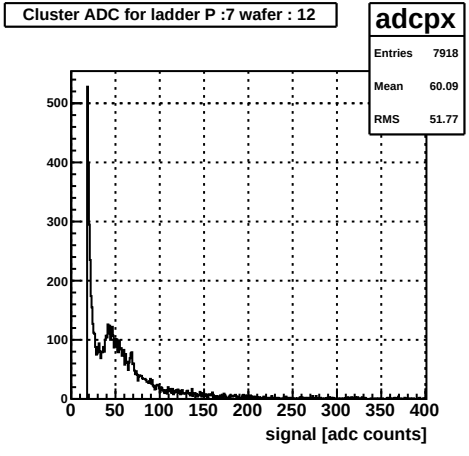

Cluster ADC for ladder P :7 wafer : 11
adcpx
Entries 1664
Mean 49.31
RMS 45.26
signal [adc counts]

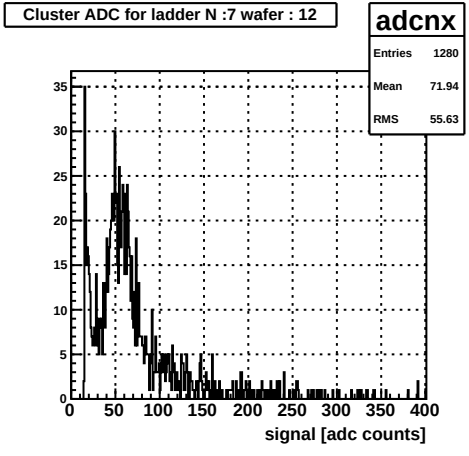

Cluster ADC for ladder N :7 wafer : 11
adcnx
Entries 1145
Mean 68.45
RMS 54.77
signal [adc counts]

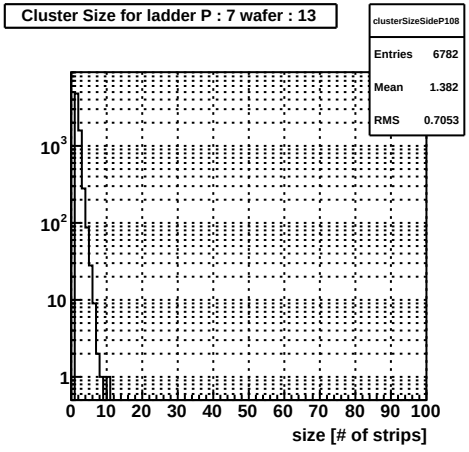

Cluster Size for ladder P : 7 wafer : 12
clusterSizeSideP107
Entries 7918
Mean 1.333
RMS 0.6566
size [# of strips]

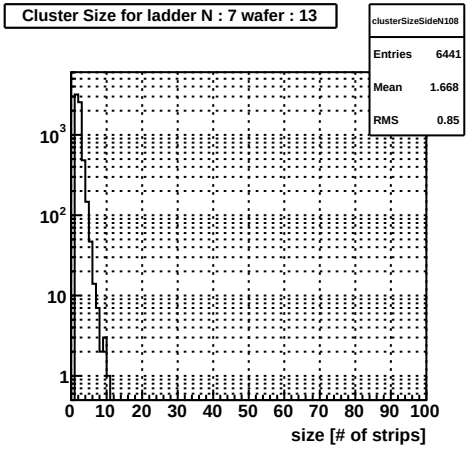

Cluster Size for ladder N : 7 wafer : 12
clusterSizeSideN107
Entries 1280
Mean 1.545
RMS 0.7824
size [# of strips]

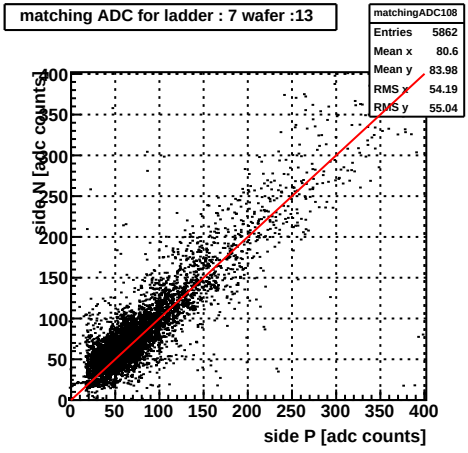

matching ADC for ladder : 7 wafer :12
matchingADC107
Entries 982
Mean x 66.2
Mean y 76.88
RMS x 49.67
RMS y 53.46
side N [adc counts]
side P [adc counts]

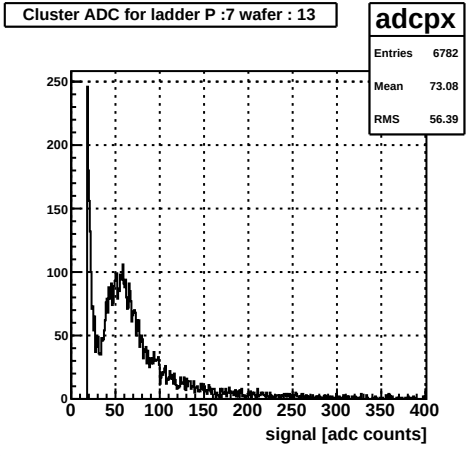

Cluster ADC for ladder P :7 wafer : 12
adcpx
Entries 7918
Mean 60.09
RMS 51.77
signal [adc counts]

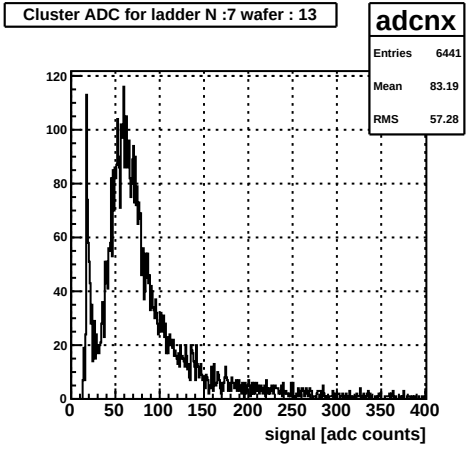

Cluster ADC for ladder N :7 wafer : 12
adcnx
Entries 1280
Mean 71.94
RMS 55.63
signal [adc counts]

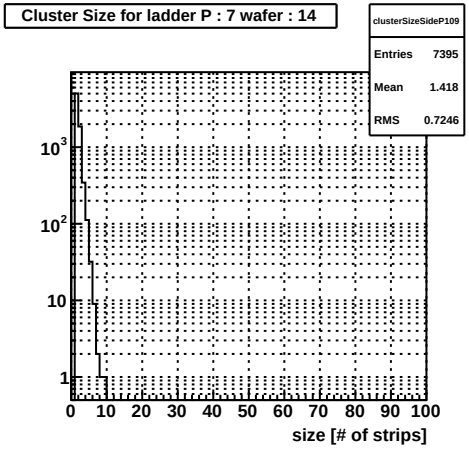

Cluster Size for ladder P : 7 wafer : 13
clusterSizeSideP108
Entries 6782
Mean 1.382
RMS 0.7053
size [# of strips]

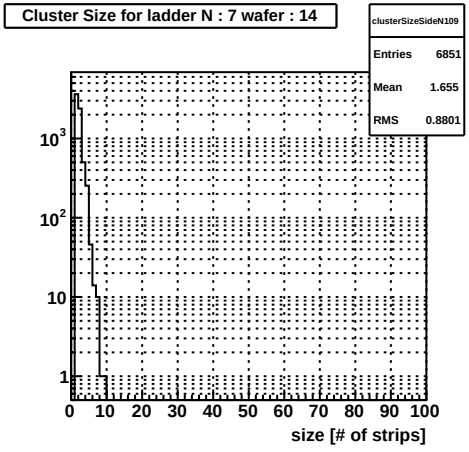

Cluster Size for ladder N : 7 wafer : 13
clusterSizeSideN108
Entries 6441
Mean 1.668
RMS 0.85
size [# of strips]

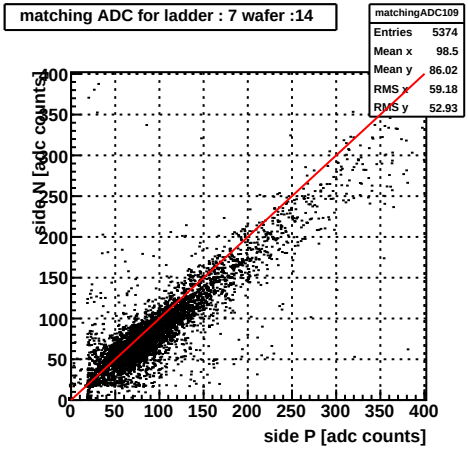

matching ADC for ladder : 7 wafer :13
matchingADC108
Entries 5862
Mean x 80.6
Mean y 83.98
RMS x 54.19
RMS y 55.04
side N [adc counts]
side P [adc counts]

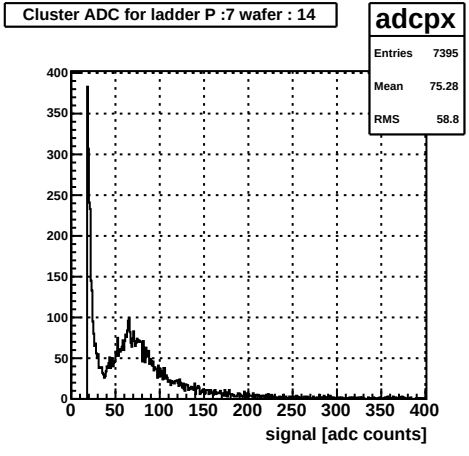

Cluster ADC for ladder P :7 wafer : 13
adcpx
Entries 6782
Mean 73.08
RMS 56.39
signal [adc counts]

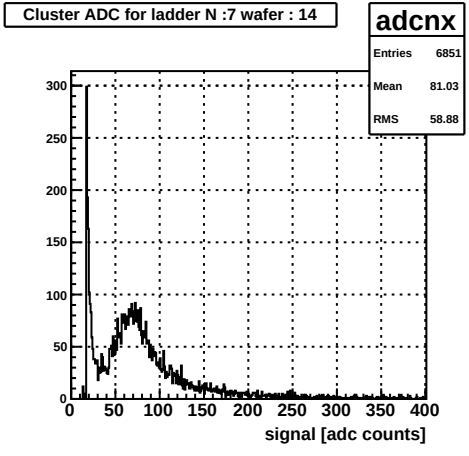

Cluster ADC for ladder N :7 wafer : 13
adcnx
Entries 6441
Mean 83.19
RMS 57.28
signal [adc counts]

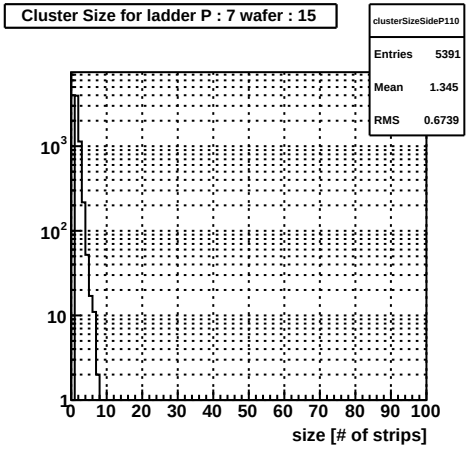

Cluster Size for ladder P : 7 wafer : 14
clusterSizeSideP109
Entries 7395
Mean 1.418
RMS 0.7246
size [# of strips]

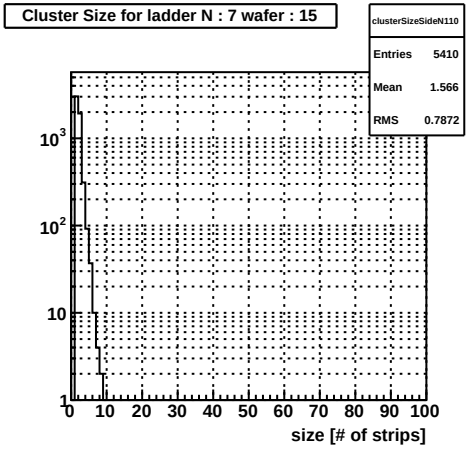

Cluster Size for ladder N : 7 wafer : 14
clusterSizeSideN109
Entries 6851
Mean 1.655
RMS 0.8801
size [# of strips]

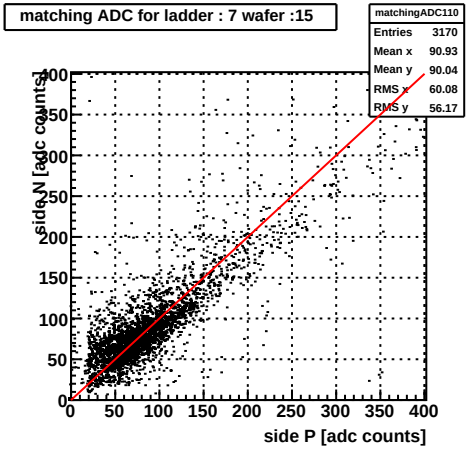

matching ADC for ladder : 7 wafer :14
matchingADC109
Entries 5374
Mean x 98.5
Mean y 86.02
RMS x 59.18
RMS y 52.93
side N [adc counts]
side P [adc counts]

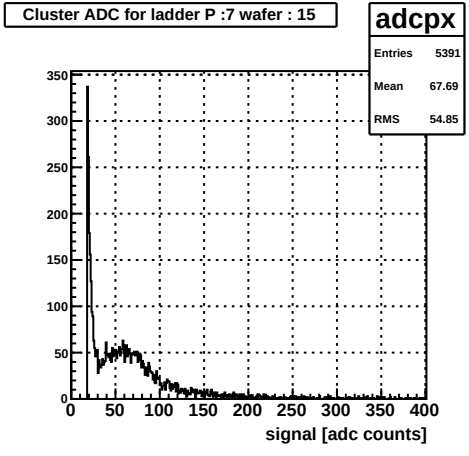

Cluster ADC for ladder P :7 wafer : 14
adcpx
Entries 7395
Mean 75.28
RMS 58.8
signal [adc counts]

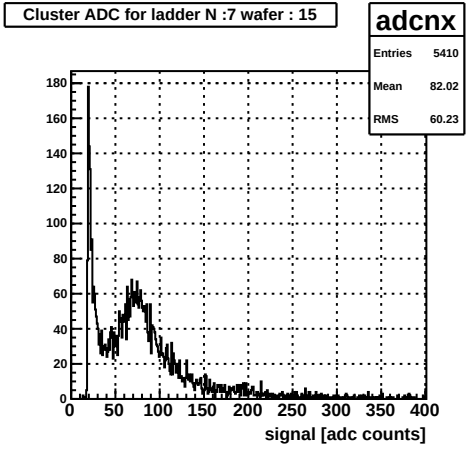

Cluster ADC for ladder N :7 wafer : 14
adcnx
Entries 6851
Mean 81.03
RMS 58.88
signal [adc counts]

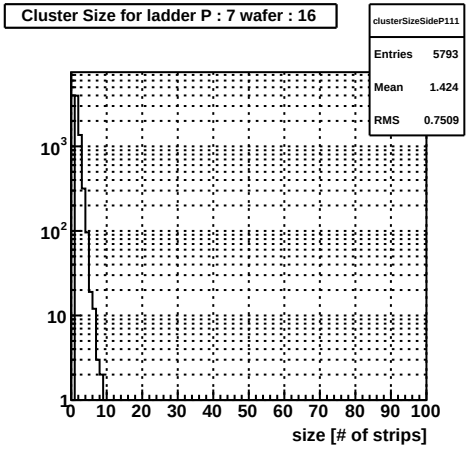

Cluster Size for ladder P : 7 wafer : 15
clusterSizeSideP110
Entries 5391
Mean 1.345
RMS 0.6739
size [# of strips]

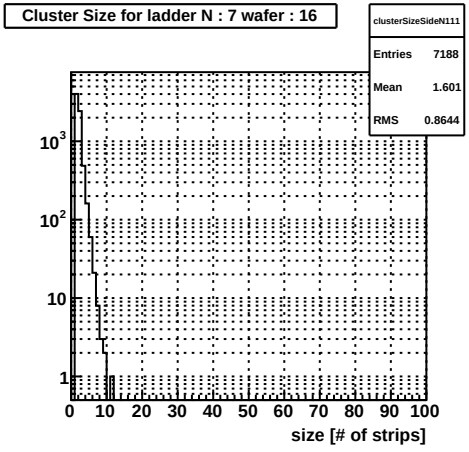

Cluster Size for ladder N : 7 wafer : 15
clusterSizeSideN110
Entries 5410
Mean 1.566
RMS 0.7872
size [# of strips]

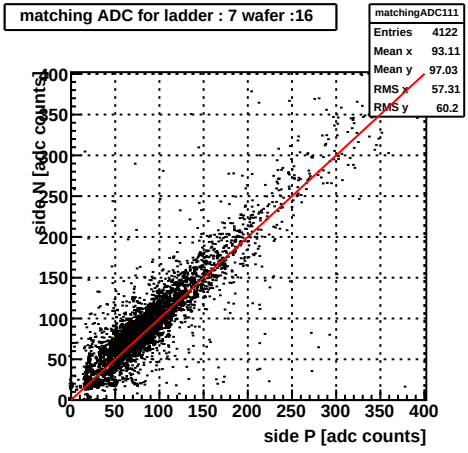

matching ADC for ladder : 7 wafer :15
matchingADC110
Entries 3170
Mean x 90.93
Mean y 90.04
RMS x 60.08
RMS y 56.17
side N [adc counts]
side P [adc counts]

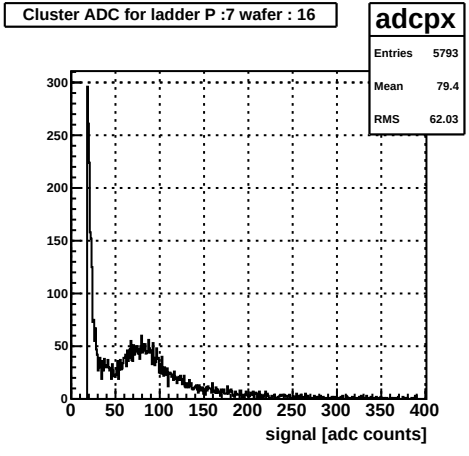

Cluster ADC for ladder P :7 wafer : 15
adcpx
Entries 5391
Mean 67.69
RMS 54.85
signal [adc counts]

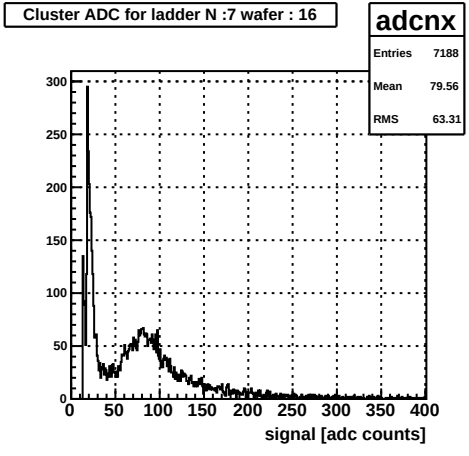

Cluster ADC for ladder N :7 wafer : 15
adcnx
Entries 5410
Mean 82.02
RMS 60.23
signal [adc counts]

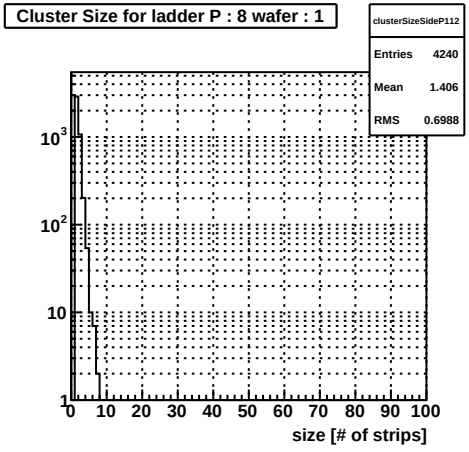

Cluster Size for ladder P : 7 wafer : 16
clusterSizeSideP111
Entries 5793
Mean 1.424
RMS 0.7509
size [# of strips]

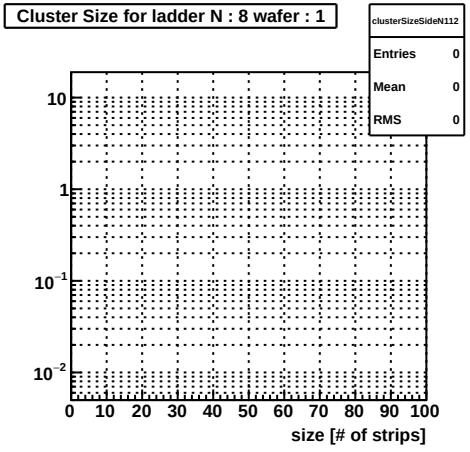

Cluster Size for ladder N : 7 wafer : 16
clusterSizeSideN111
Entries 7188
Mean 1.601
RMS 0.8644
size [# of strips]

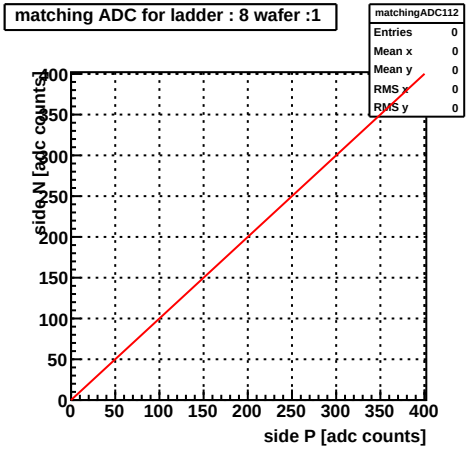

matching ADC for ladder : 7 wafer :16
matchingADC111
Entries 4122
Mean x 93.11
Mean y 97.03
RMS x 57.31
RMS y 60.2
side N [adc counts]
side P [adc counts]

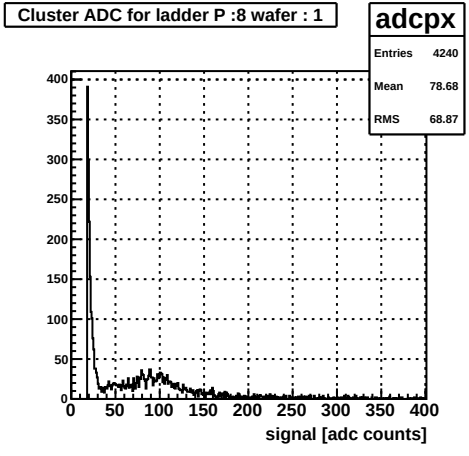

Cluster ADC for ladder P :7 wafer : 16
adcpx
Entries 5793
Mean 79.4
RMS 62.03
signal [adc counts]

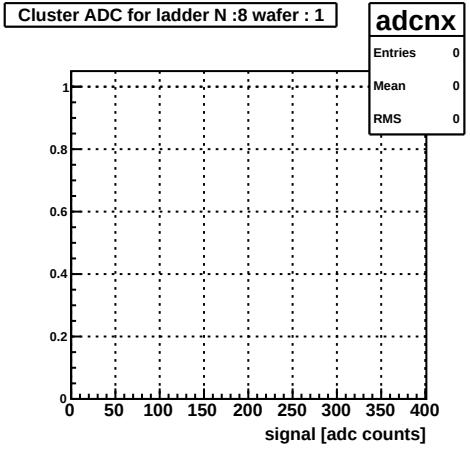

Cluster ADC for ladder N :7 wafer : 16
adcnx
Entries 7188
Mean 79.56
RMS 63.31
signal [adc counts]

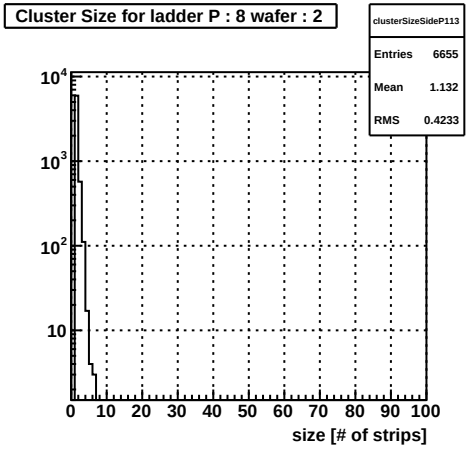

Cluster Size for ladder P : 8 wafer : 1
clusterSizeSideP112
Entries 4240
Mean 1.406
RMS 0.6988
size [# of strips]

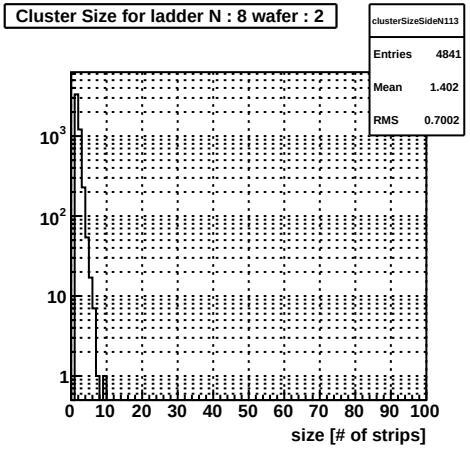

Cluster Size for ladder N : 8 wafer : 1
clusterSizeSideN112
Entries 0
Mean 0
RMS 0
size [# of strips]

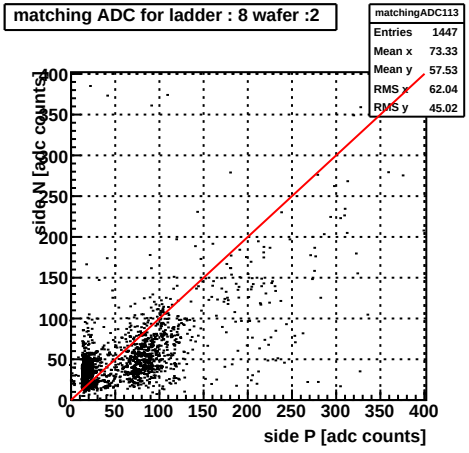

matching ADC for ladder : 8 wafer :1
matchingADC112
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

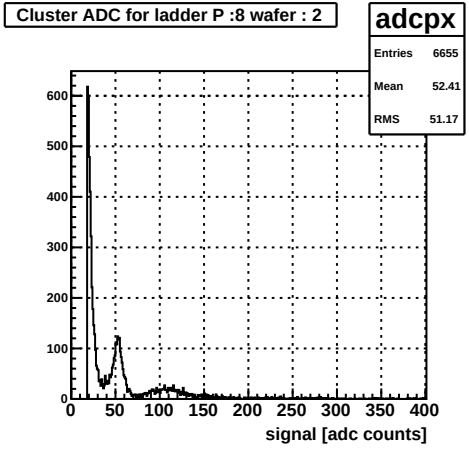

Cluster ADC for ladder P :8 wafer : 1
adcpx
Entries 4240
Mean 78.68
RMS 68.87
signal [adc counts]

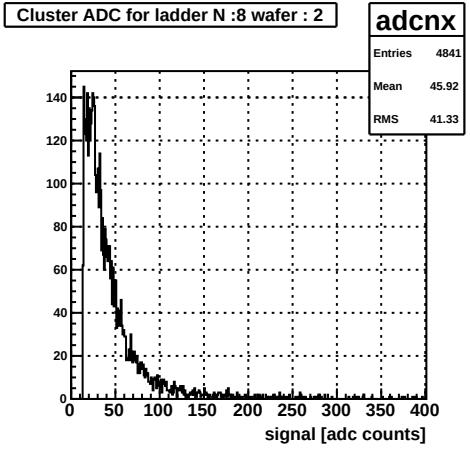

Cluster ADC for ladder N :8 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

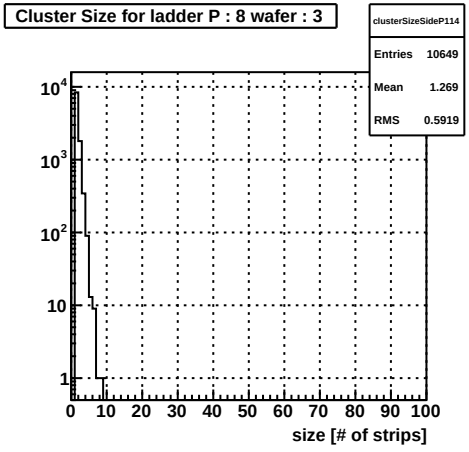

Cluster Size for ladder P : 8 wafer : 2
clusterSizeSideP113
Entries 6655
Mean 1.132
RMS 0.4233
size [# of strips]

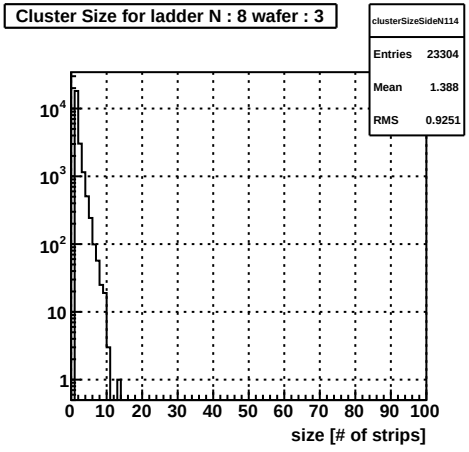

Cluster Size for ladder N : 8 wafer : 2
clusterSizeSideN113
Entries 4841
Mean 1.402
RMS 0.7002
size [# of strips]

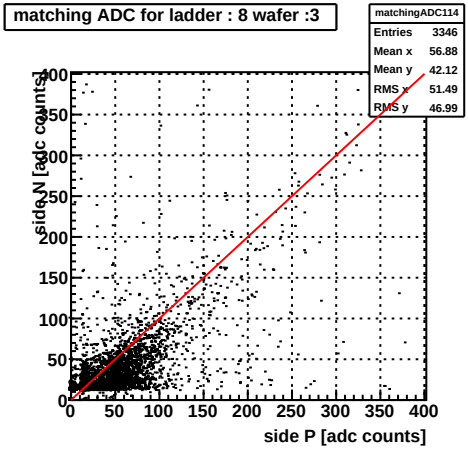

matching ADC for ladder : 8 wafer :2
matchingADC113
Entries 1447
Mean x 73.33
Mean y 57.53
RMS x 62.04
RMS y 45.02
side N [adc counts]
side P [adc counts]

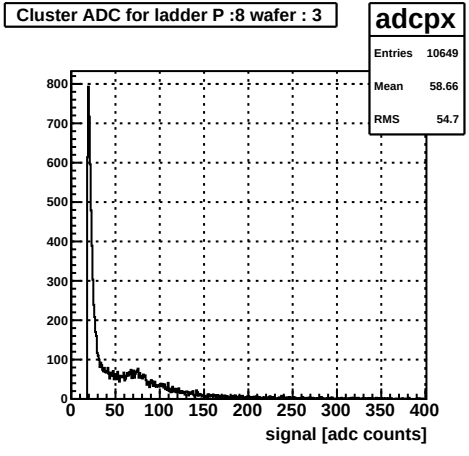

Cluster ADC for ladder P :8 wafer : 2
adcpx
Entries 6655
Mean 52.41
RMS 51.17
signal [adc counts]

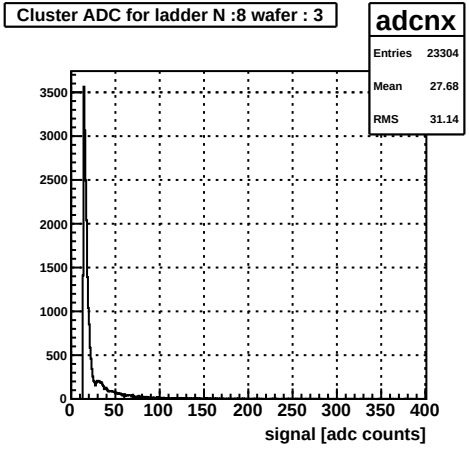

Cluster ADC for ladder N :8 wafer : 2
adcnx
Entries 4841
Mean 45.92
RMS 41.33
signal [adc counts]

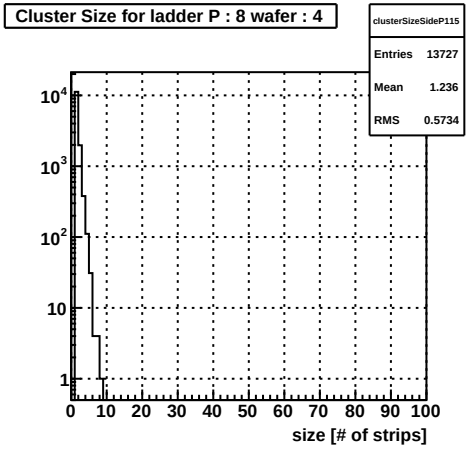

Cluster Size for ladder P : 8 wafer : 3
clusterSizeSideP114
Entries 10649
Mean 1.269
RMS 0.5919
size [# of strips]

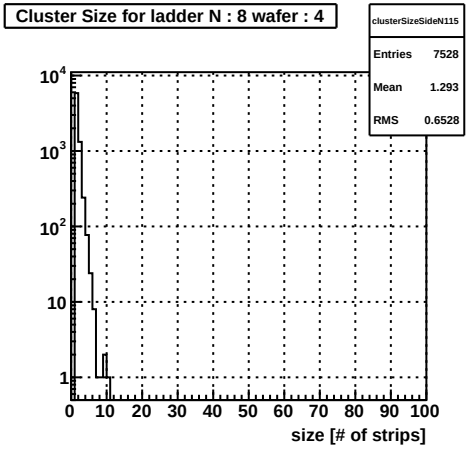

Cluster Size for ladder N : 8 wafer : 3
clusterSizeSideN114
Entries 23304
Mean 1.388
RMS 0.9251
size [# of strips]

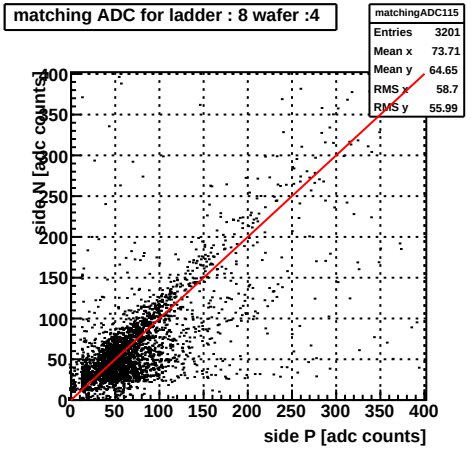

matching ADC for ladder : 8 wafer :3
matchingADC114
Entries 3346
Mean x 56.88
Mean y 42.12
RMS x 51.49
RMS y 46.99
side N [adc counts]
side P [adc counts]

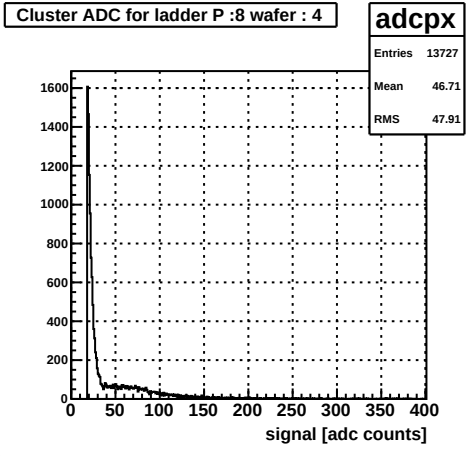

Cluster ADC for ladder P :8 wafer : 3
adcpx
Entries 10649
Mean 58.66
RMS 54.7
signal [adc counts]

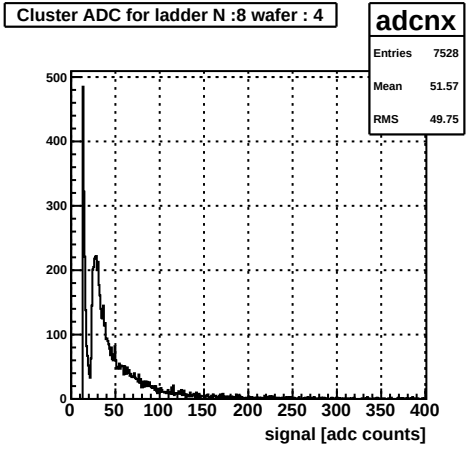

Cluster ADC for ladder N :8 wafer : 3
adcnx
Entries 23304
Mean 27.68
RMS 31.14
signal [adc counts]

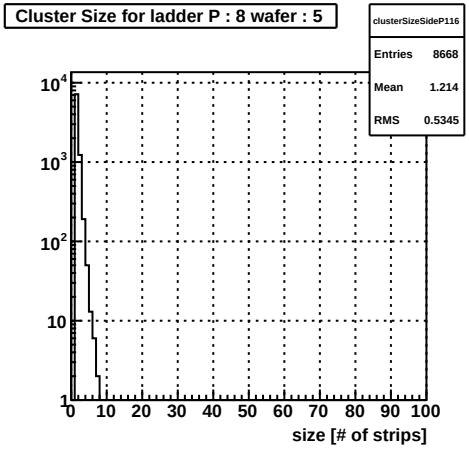

Cluster Size for ladder P : 8 wafer : 4
clusterSizeSideP115
Entries 13727
Mean 1.236
RMS 0.5734
size [# of strips]

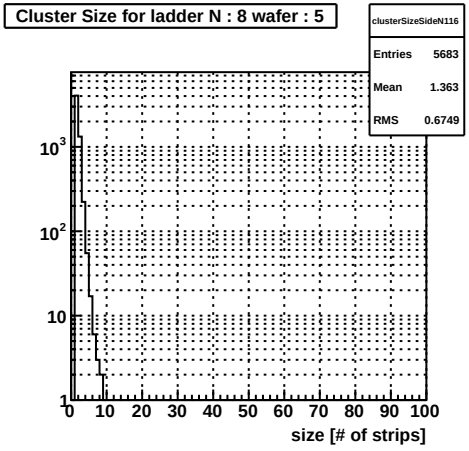

Cluster Size for ladder N : 8 wafer : 4
clusterSizeSideN115
Entries 7528
Mean 1.293
RMS 0.6528
size [# of strips]

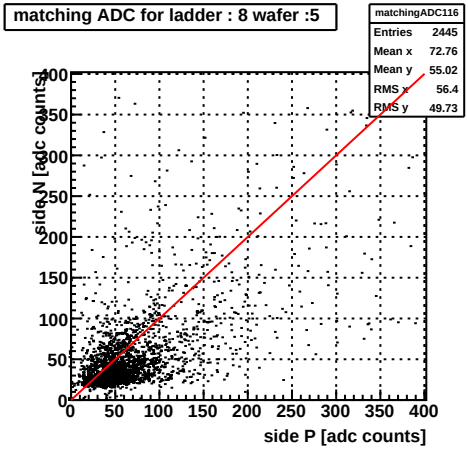

matching ADC for ladder : 8 wafer :4
matchingADC115
Entries 3201
Mean x 73.71
Mean y 64.65
RMS x 58.7
RMS y 55.99
side N [adc counts]
side P [adc counts]

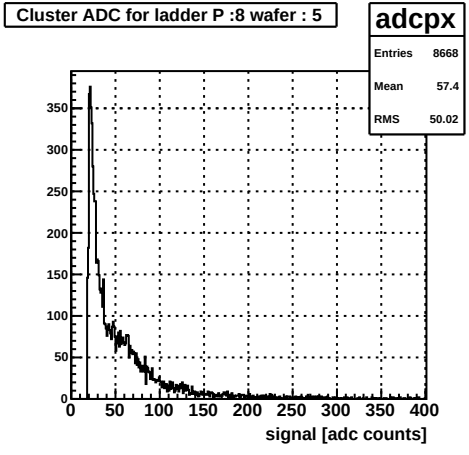

Cluster ADC for ladder P :8 wafer : 4
adcpx
Entries 13727
Mean 46.71
RMS 47.91
signal [adc counts]

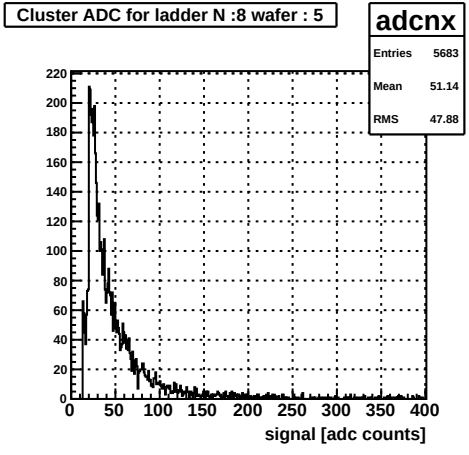

Cluster ADC for ladder N :8 wafer : 4
adcnx
Entries 7528
Mean 51.57
RMS 49.75
signal [adc counts]

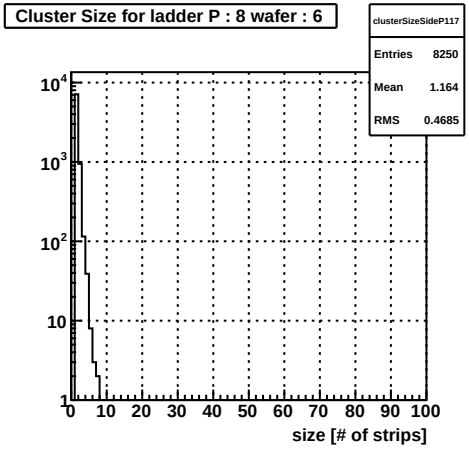

Cluster Size for ladder P : 8 wafer : 5
clusterSizeSideP116
Entries 8668
Mean 1.214
RMS 0.5345
size [# of strips]

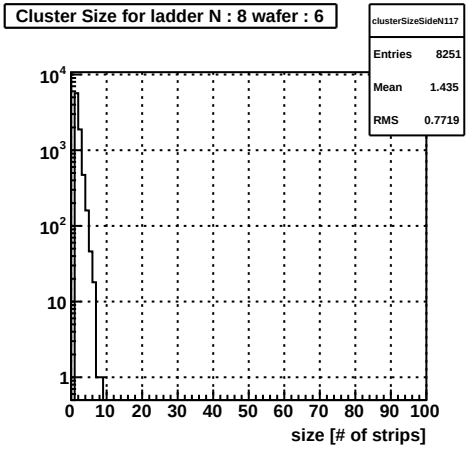

Cluster Size for ladder N : 8 wafer : 5
clusterSizeSideN116
Entries 5683
Mean 1.363
RMS 0.6749
size [# of strips]

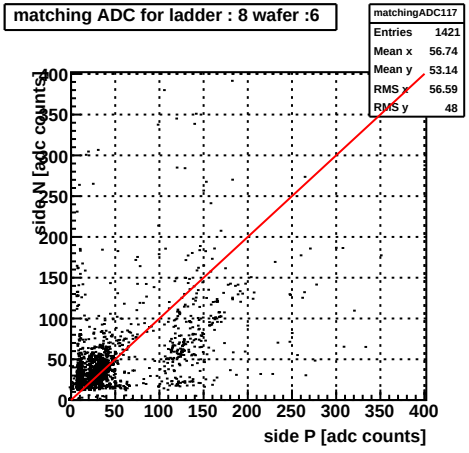

matching ADC for ladder : 8 wafer :5
matchingADC116
Entries 2445
Mean x 72.76
Mean y 55.02
RMS x 56.4
RMS y 49.73
side N [adc counts]
side P [adc counts]

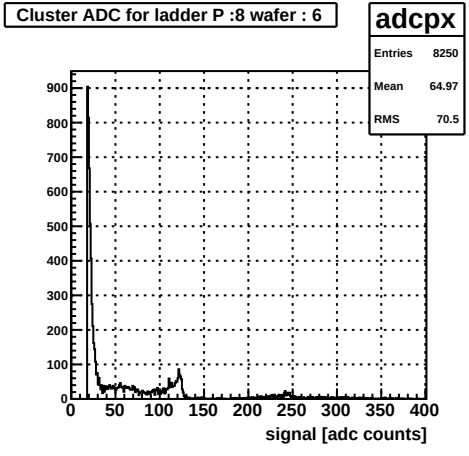

Cluster ADC for ladder P :8 wafer : 5
adcpx
Entries 8668
Mean 57.4
RMS 50.02
signal [adc counts]

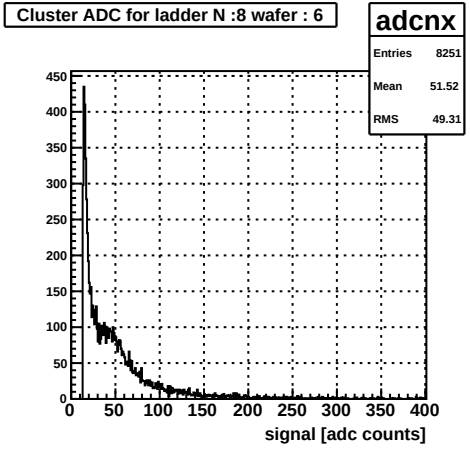

Cluster ADC for ladder N :8 wafer : 5
adcnx
Entries 5683
Mean 51.14
RMS 47.88
signal [adc counts]

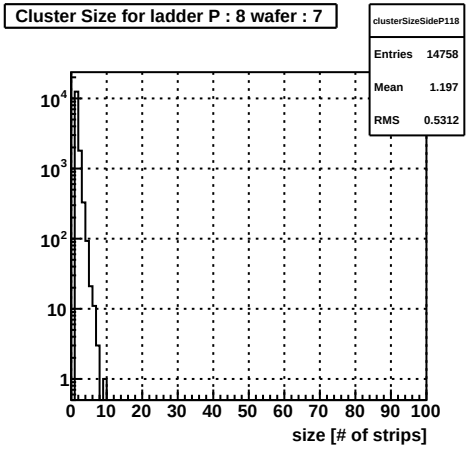

Cluster Size for ladder P : 8 wafer : 6
clusterSizeSideP117
Entries 8250
Mean 1.164
RMS 0.4685
size [# of strips]

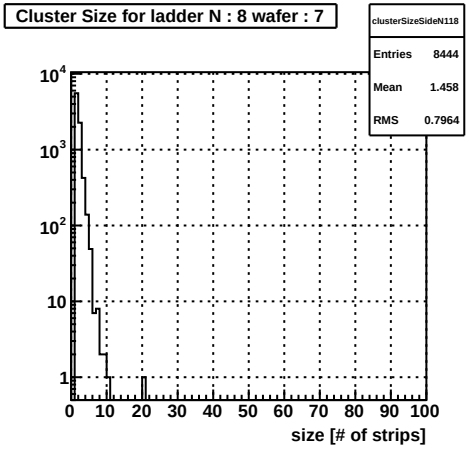

Cluster Size for ladder N : 8 wafer : 6
clusterSizeSideN117
Entries 8251
Mean 1.435
RMS 0.7719
size [# of strips]

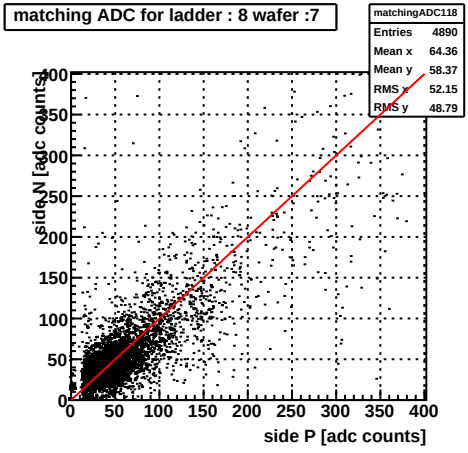

matching ADC for ladder : 8 wafer :6
matchingADC117
Entries 1421
Mean x 56.74
Mean y 53.14
RMS x 56.59
RMS y 48
side N [adc counts]
side P [adc counts]

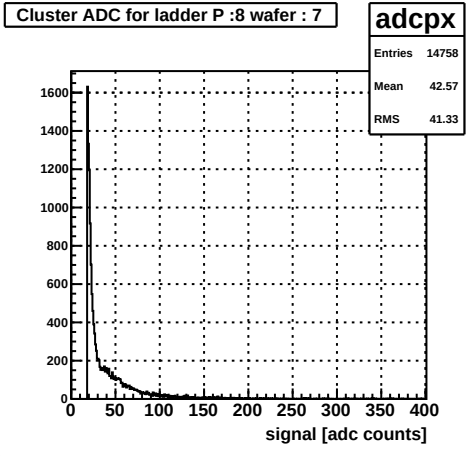

Cluster ADC for ladder P :8 wafer : 6
adcpx
Entries 8250
Mean 64.97
RMS 70.5
signal [adc counts]

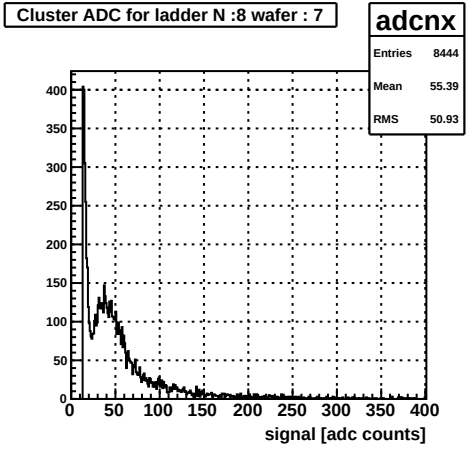

Cluster ADC for ladder N :8 wafer : 6
adcnx
Entries 8251
Mean 51.52
RMS 49.31
signal [adc counts]

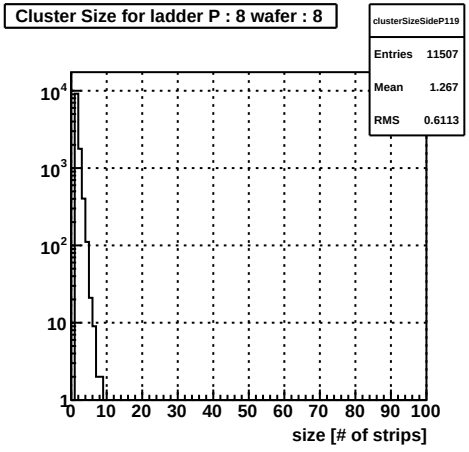

Cluster Size for ladder P : 8 wafer : 7
clusterSizeSideP118
Entries 14758
Mean 1.197
RMS 0.5312
size [# of strips]

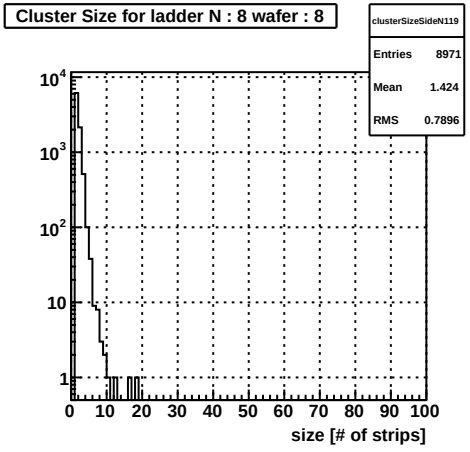

Cluster Size for ladder N : 8 wafer : 7
clusterSizeSideN118
Entries 8444
Mean 1.458
RMS 0.7964
size [# of strips]

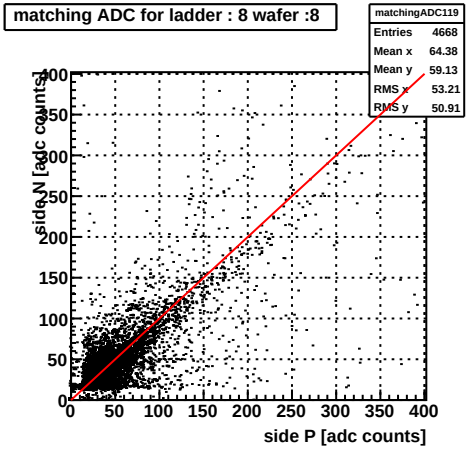

matching ADC for ladder : 8 wafer :7
matchingADC118
Entries 4890
Mean x 64.36
Mean y 58.37
RMS x 52.15
RMS y 48.79
side N [adc counts]
side P [adc counts]

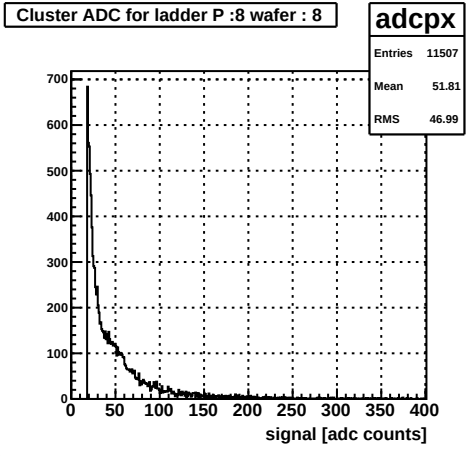

Cluster ADC for ladder P :8 wafer : 7
adcpx
Entries 14758
Mean 42.57
RMS 41.33
signal [adc counts]

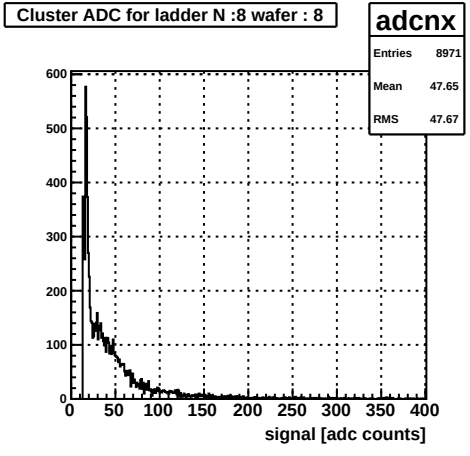

Cluster ADC for ladder N :8 wafer : 7
adcnx
Entries 8444
Mean 55.39
RMS 50.93
signal [adc counts]

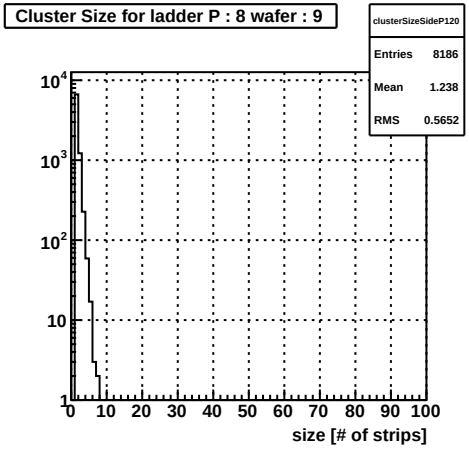

Cluster Size for ladder P : 8 wafer : 8
clusterSizeSideP119
Entries 11507
Mean 1.267
RMS 0.6113
size [# of strips]

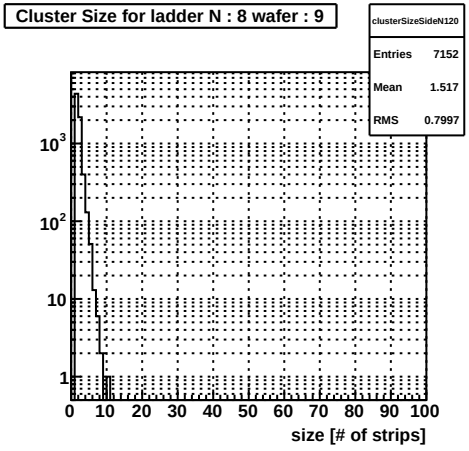

Cluster Size for ladder N : 8 wafer : 8
clusterSizeSideN119
Entries 8971
Mean 1.424
RMS 0.7896
size [# of strips]

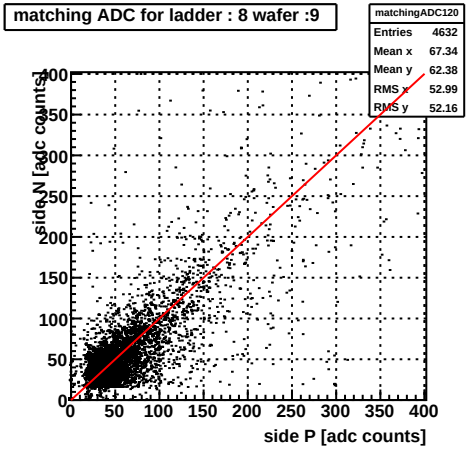

matching ADC for ladder : 8 wafer :8
matchingADC119
Entries 4668
Mean x 64.38
Mean y 59.13
RMS x 53.21
RMS y 50.91
side N [adc counts]
side P [adc counts]

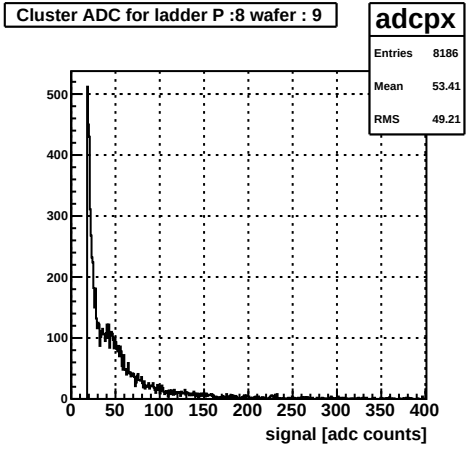

Cluster ADC for ladder P :8 wafer : 8
adcpx
Entries 11507
Mean 51.81
RMS 46.99
signal [adc counts]

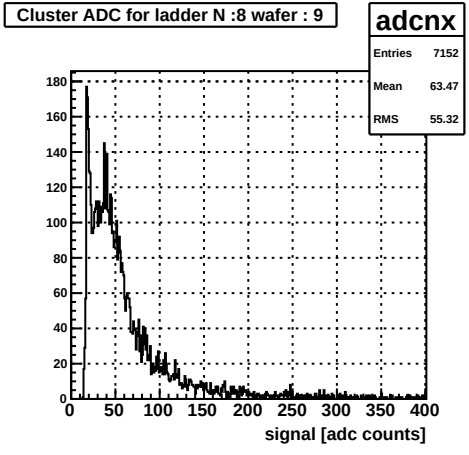

Cluster ADC for ladder N :8 wafer : 8
adcnx
Entries 8971
Mean 47.65
RMS 47.67
signal [adc counts]

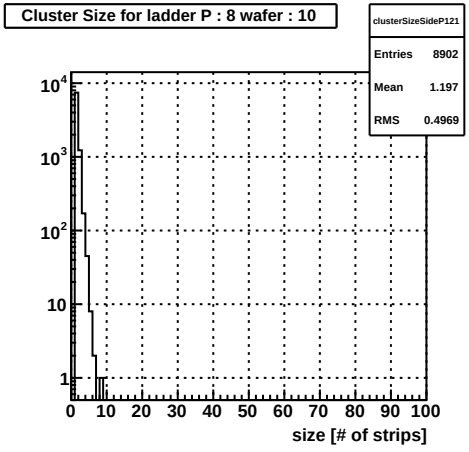

Cluster Size for ladder P : 8 wafer : 9
clusterSizeSideP120
Entries 8186
Mean 1.238
RMS 0.5652
size [# of strips]

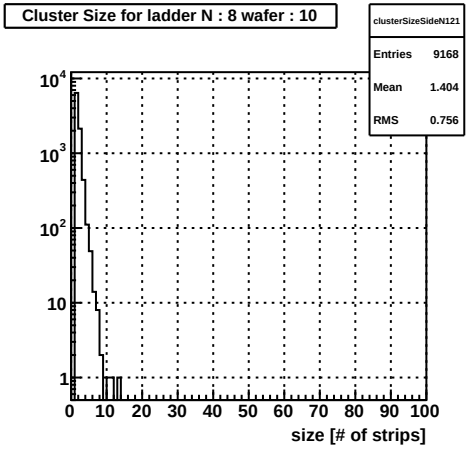

Cluster Size for ladder N : 8 wafer : 9
clusterSizeSideN120
Entries 7152
Mean 1.517
RMS 0.7997
size [# of strips]

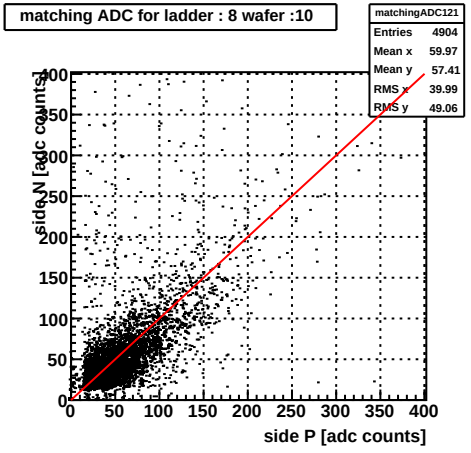

matching ADC for ladder : 8 wafer :9
matchingADC120
Entries 4632
Mean x 67.34
Mean y 62.38
RMS x 52.99
RMS y 52.16
side N [adc counts]
side P [adc counts]

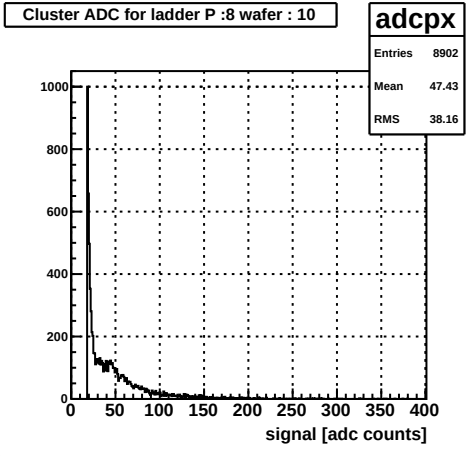

Cluster ADC for ladder P :8 wafer : 9
adcpx
Entries 8186
Mean 53.41
RMS 49.21
signal [adc counts]

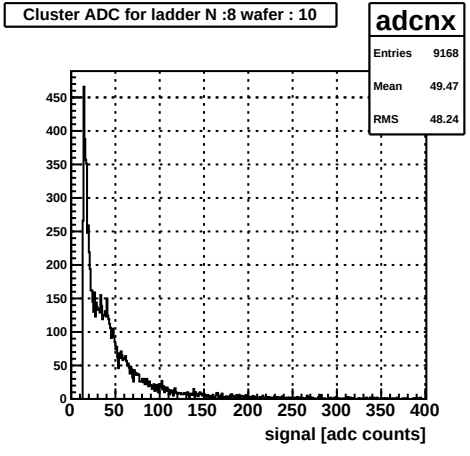

Cluster ADC for ladder N :8 wafer : 9
adcnx
Entries 7152
Mean 63.47
RMS 55.32
signal [adc counts]

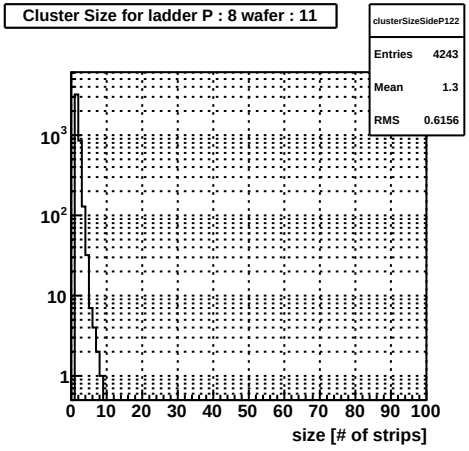

Cluster Size for ladder P : 8 wafer : 10
clusterSizeSideP121
Entries 8902
Mean 1.197
RMS 0.4969
size [# of strips]

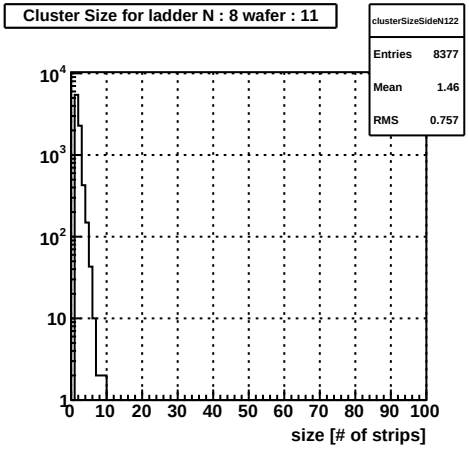

Cluster Size for ladder N : 8 wafer : 10
clusterSizeSideN121
Entries 9168
Mean 1.404
RMS 0.756
size [# of strips]

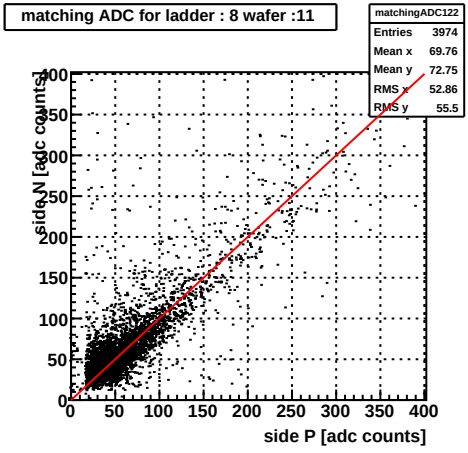

matching ADC for ladder : 8 wafer :10
matchingADC121
Entries 4904
Mean x 59.97
Mean y 57.41
RMS x 39.99
RMS y 49.06
side N [adc counts]
side P [adc counts]

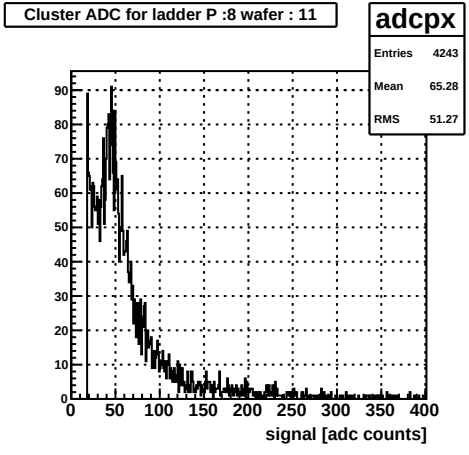

Cluster ADC for ladder P :8 wafer : 10
adcpx
Entries 8902
Mean 47.43
RMS 38.16
signal [adc counts]

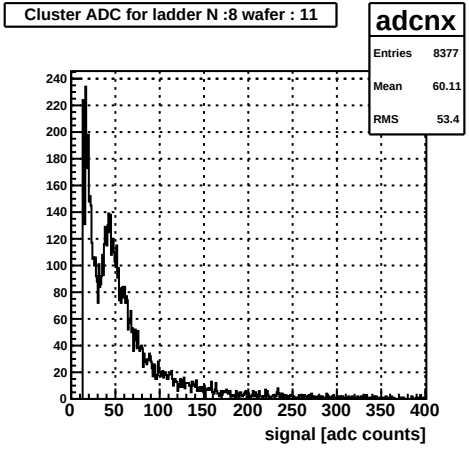

Cluster ADC for ladder N :8 wafer : 10
adcnx
Entries 9168
Mean 49.47
RMS 48.24
signal [adc counts]

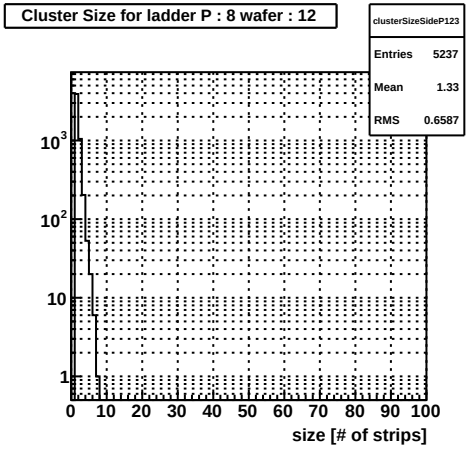

Cluster Size for ladder P : 8 wafer : 11
clusterSizeSideP122
Entries 4243
Mean 1.3
RMS 0.6156
size [# of strips]

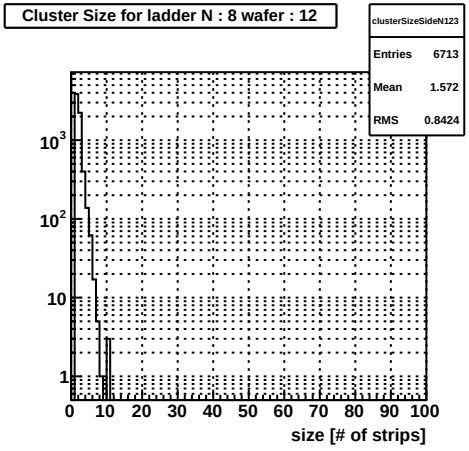

Cluster Size for ladder N : 8 wafer : 11
clusterSizeSideN122
Entries 8377
Mean 1.46
RMS 0.757
size [# of strips]

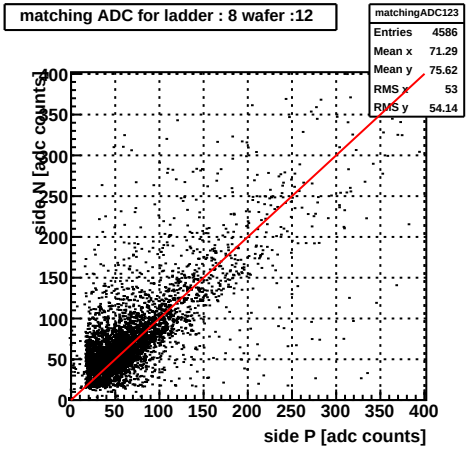

matching ADC for ladder : 8 wafer :11
matchingADC122
Entries 3974
Mean x 69.76
Mean y 72.75
RMS x 52.86
RMS y 55.5
side N [adc counts]
side P [adc counts]

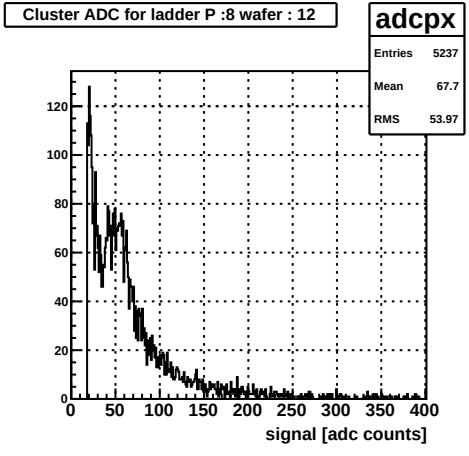

Cluster ADC for ladder P :8 wafer : 11
adcpx
Entries 4243
Mean 65.28
RMS 51.27
signal [adc counts]

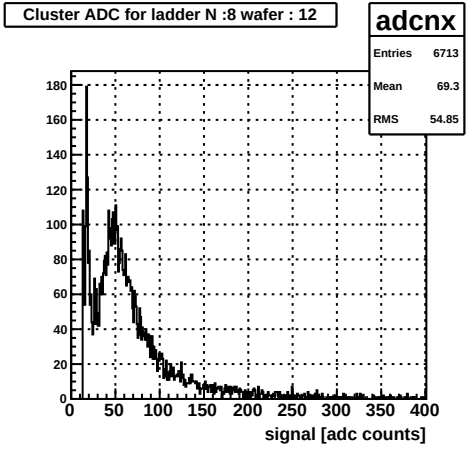

Cluster ADC for ladder N :8 wafer : 11
adcnx
Entries 8377
Mean 60.11
RMS 53.4
signal [adc counts]

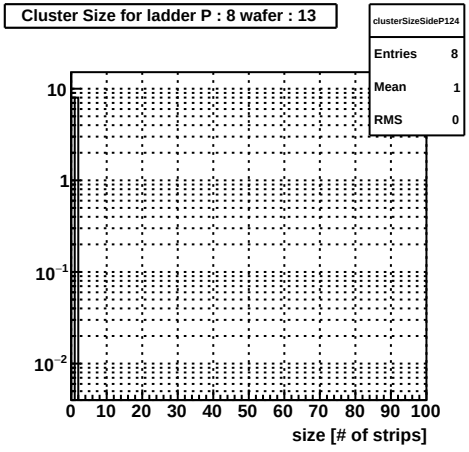

Cluster Size for ladder P : 8 wafer : 12
clusterSizeSideP123
Entries 5237
Mean 1.33
RMS 0.6587
size [# of strips]

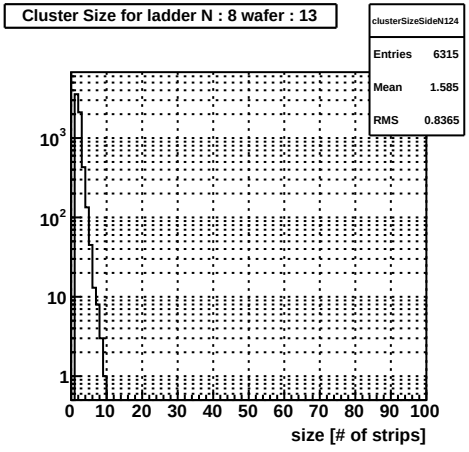

Cluster Size for ladder N : 8 wafer : 12
clusterSizeSideN123
Entries 6713
Mean 1.572
RMS 0.8424
size [# of strips]

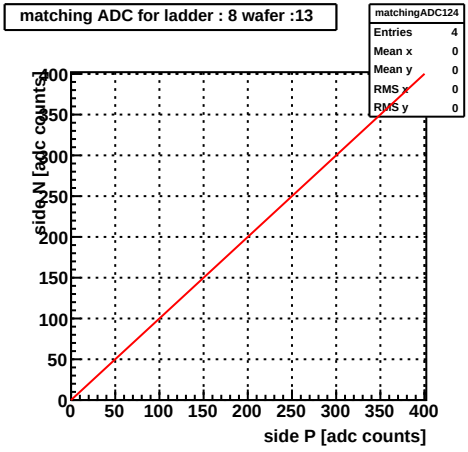

matching ADC for ladder : 8 wafer :12
matchingADC123
Entries 4586
Mean x 71.29
Mean y 75.62
RMS x 53
RMS y 54.14
side N [adc counts]
side P [adc counts]

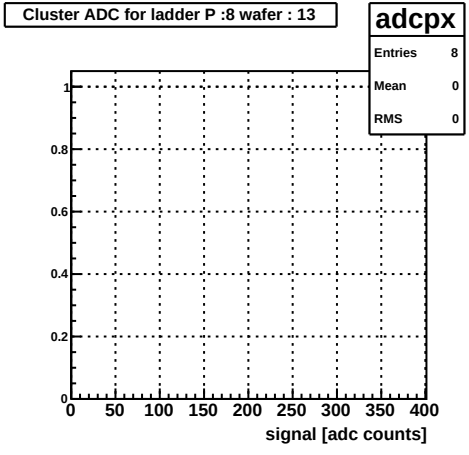

Cluster ADC for ladder P :8 wafer : 12
adcpx
Entries 5237
Mean 67.7
RMS 53.97
signal [adc counts]

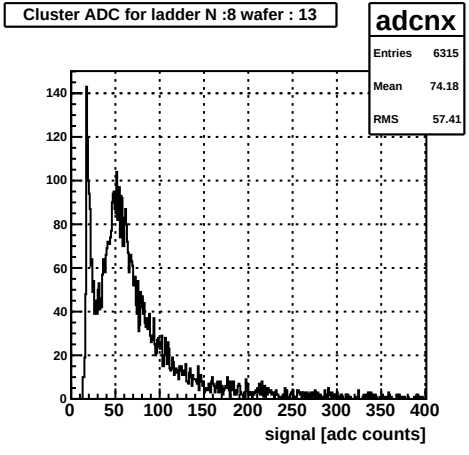

Cluster ADC for ladder N :8 wafer : 12
adcnx
Entries 6713
Mean 69.3
RMS 54.85
signal [adc counts]

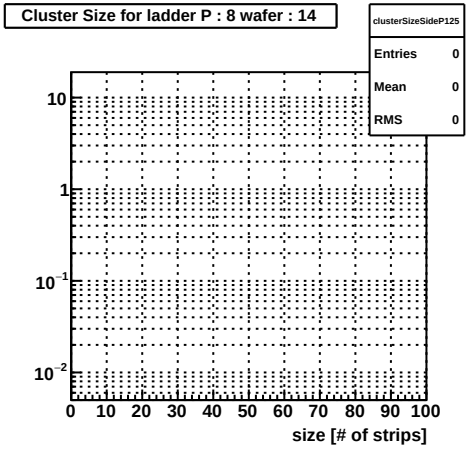

Cluster Size for ladder P : 8 wafer : 13
clusterSizeSideP124
Entries 8
Mean 1
RMS 0
size [# of strips]

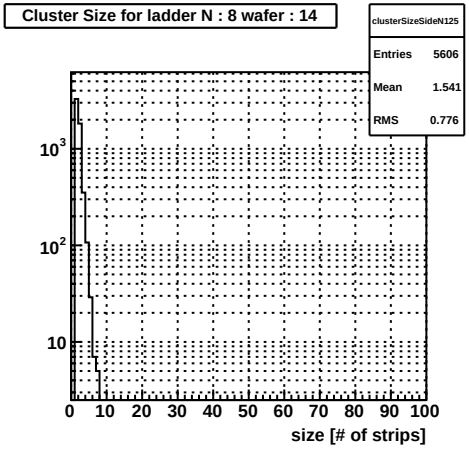

Cluster Size for ladder N : 8 wafer : 13
clusterSizeSideN124
Entries 6315
Mean 1.585
RMS 0.8365
size [# of strips]

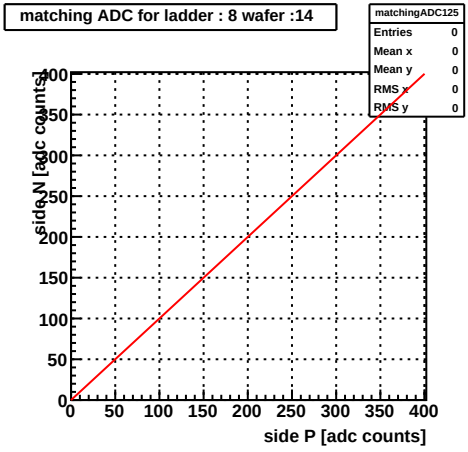

matching ADC for ladder : 8 wafer :13
matchingADC124
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

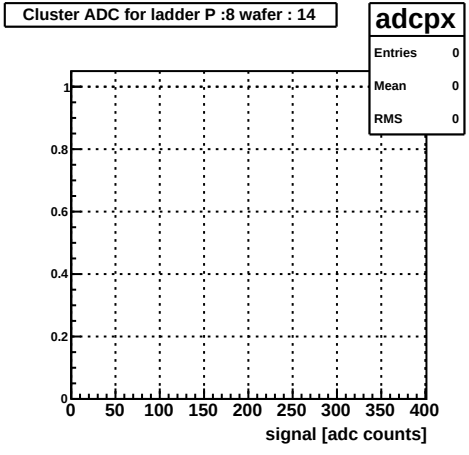

Cluster ADC for ladder P :8 wafer : 13
adcpx
Entries 8
Mean 0
RMS 0
signal [adc counts]

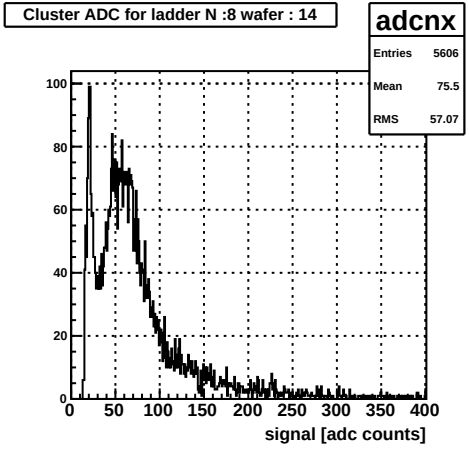

Cluster ADC for ladder N :8 wafer : 13
adcnx
Entries 6315
Mean 74.18
RMS 57.41
signal [adc counts]

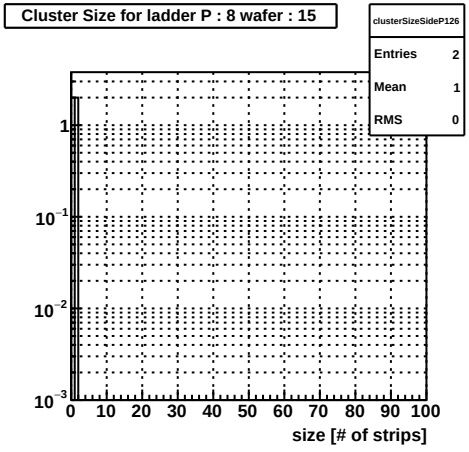

Cluster Size for ladder P : 8 wafer : 14
clusterSizeSideP125
Entries 0
Mean 0
RMS 0
size [# of strips]

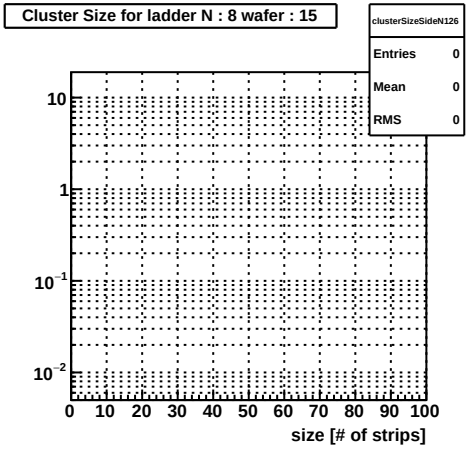

Cluster Size for ladder N : 8 wafer : 14
clusterSizeSideN125
Entries 5606
Mean 1.541
RMS 0.776
size [# of strips]

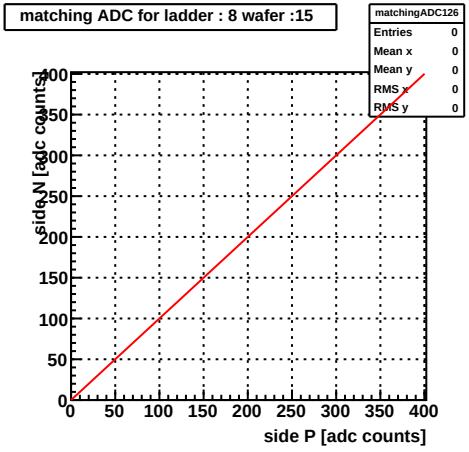

matching ADC for ladder : 8 wafer :14
matchingADC125
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

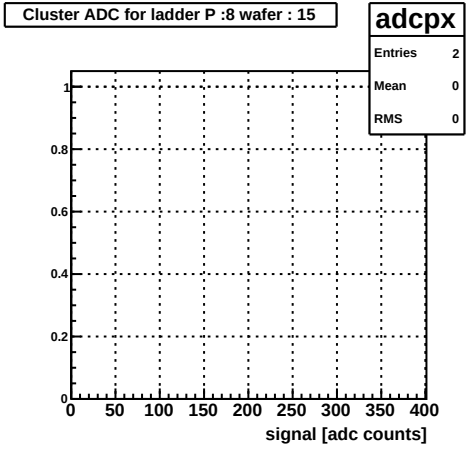

Cluster ADC for ladder P :8 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

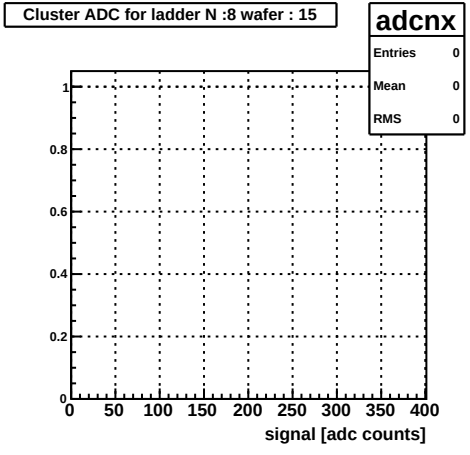

Cluster ADC for ladder N :8 wafer : 14
adcnx
Entries 5606
Mean 75.5
RMS 57.07
signal [adc counts]

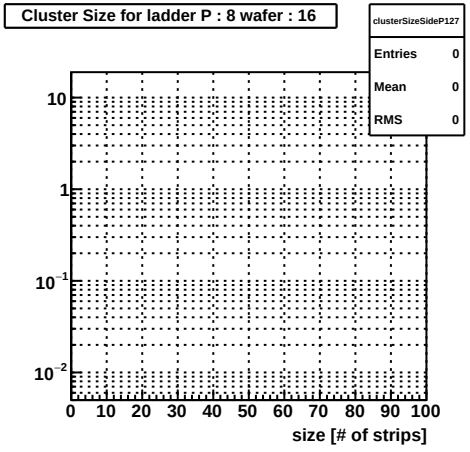

Cluster Size for ladder P : 8 wafer : 15
clusterSizeSideP126
Entries 2
Mean 1
RMS 0
size [# of strips]

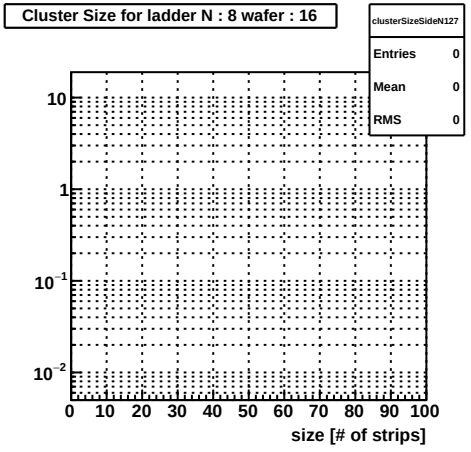

Cluster Size for ladder N : 8 wafer : 15
clusterSizeSideN126
Entries 0
Mean 0
RMS 0
size [# of strips]

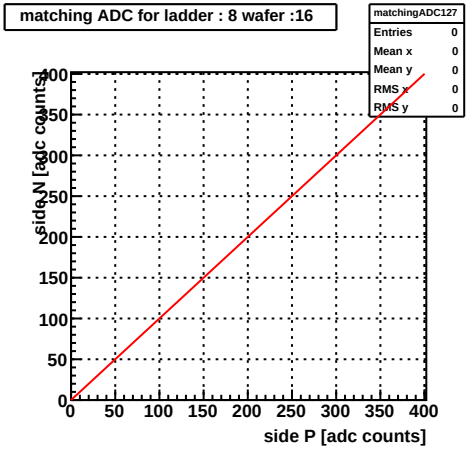

matching ADC for ladder : 8 wafer :15
matchingADC126
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

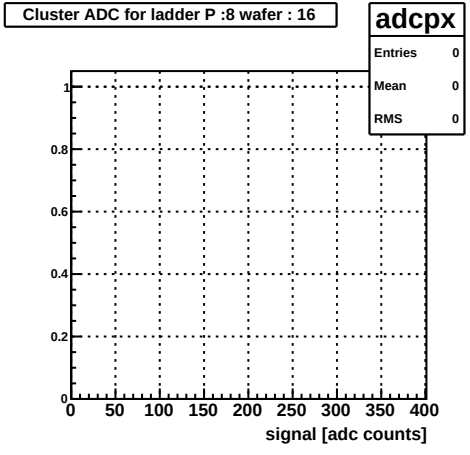

Cluster ADC for ladder P :8 wafer : 15
adcpx
Entries 2
Mean 0
RMS 0
signal [adc counts]

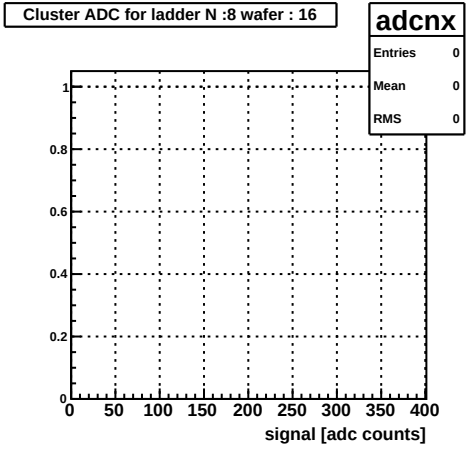

Cluster ADC for ladder N :8 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

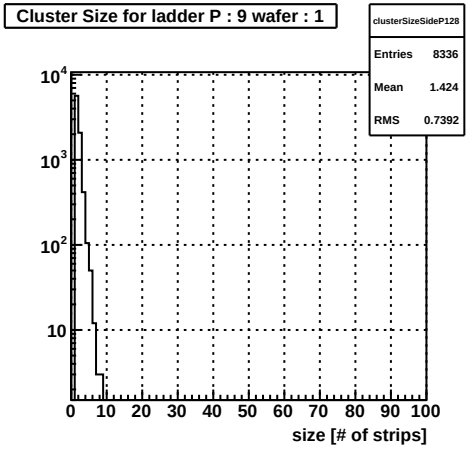

Cluster Size for ladder P : 8 wafer : 16
clusterSizeSideP127
Entries 0
Mean 0
RMS 0
size [# of strips]

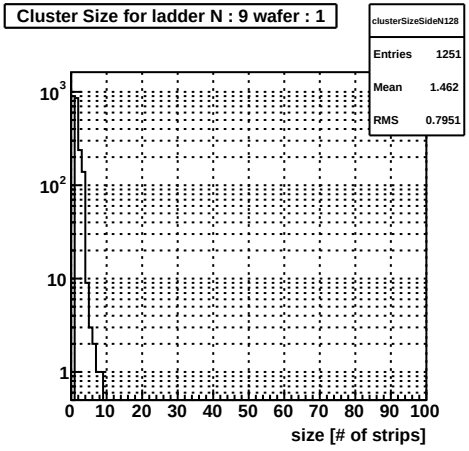

Cluster Size for ladder N : 8 wafer : 16
clusterSizeSideN127
Entries 0
Mean 0
RMS 0
size [# of strips]

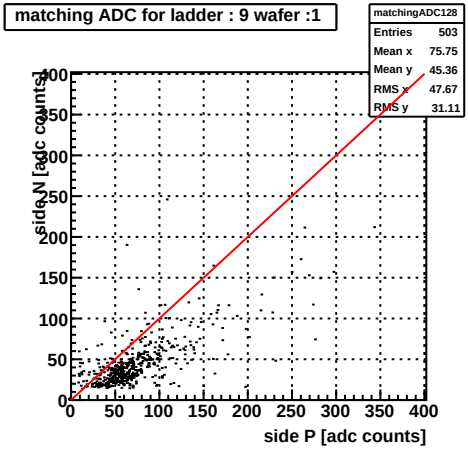

matching ADC for ladder : 8 wafer :16
matchingADC127
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

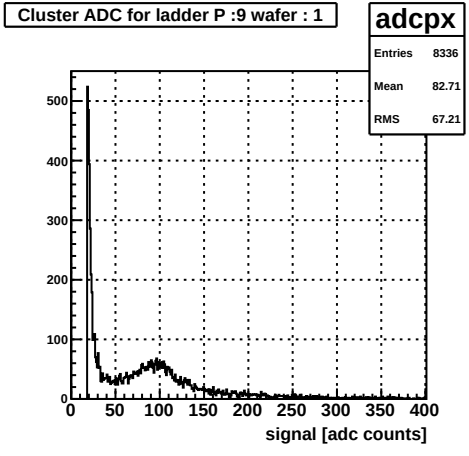

Cluster ADC for ladder P :8 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

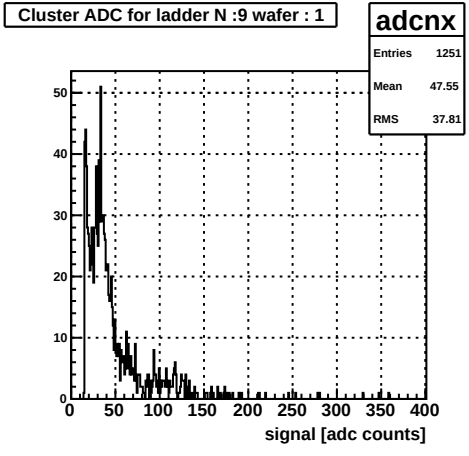

Cluster ADC for ladder N :8 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

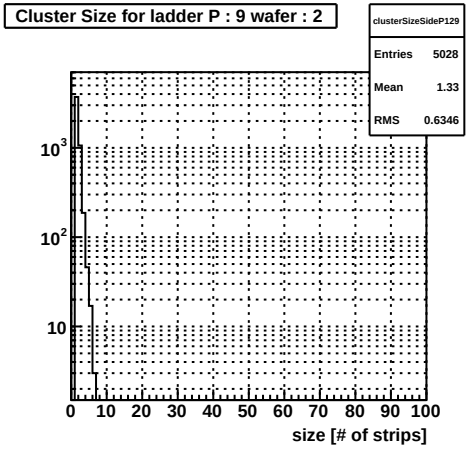

Cluster Size for ladder P : 9 wafer : 1
clusterSizeSideP128
Entries 8336
Mean 1.424
RMS 0.7392
size [# of strips]

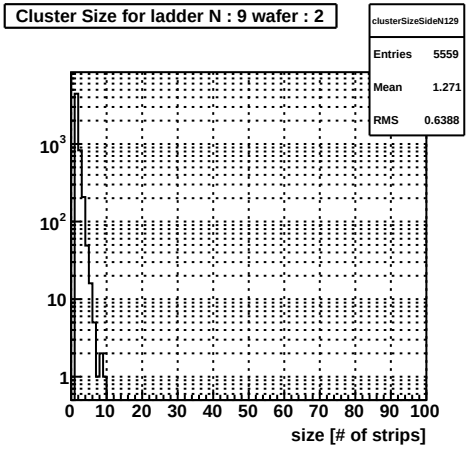

Cluster Size for ladder N : 9 wafer : 1
clusterSizeSideN128
Entries 1251
Mean 1.462
RMS 0.7951
size [# of strips]

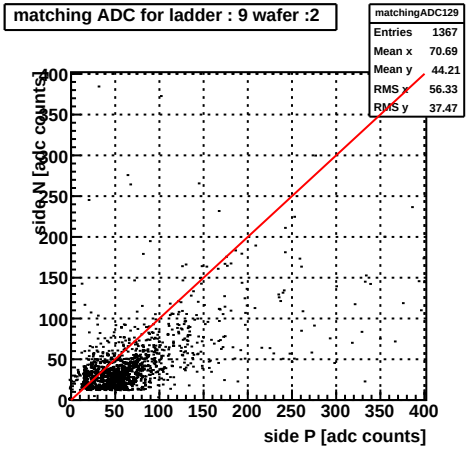

matching ADC for ladder : 9 wafer :1
matchingADC128
Entries 503
Mean x 75.75
Mean y 45.36
RMS x 47.67
RMS y 31.11
side N [adc counts]
side P [adc counts]

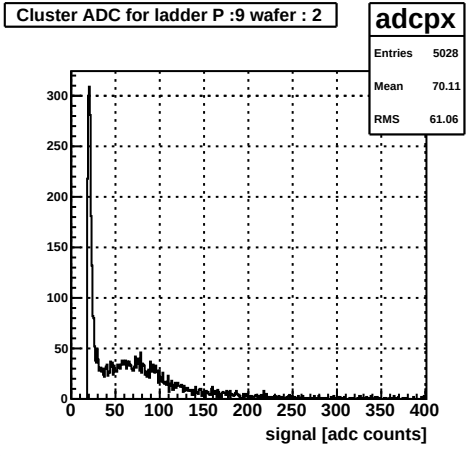

Cluster ADC for ladder P :9 wafer : 1
adcpx
Entries 8336
Mean 82.71
RMS 67.21
signal [adc counts]

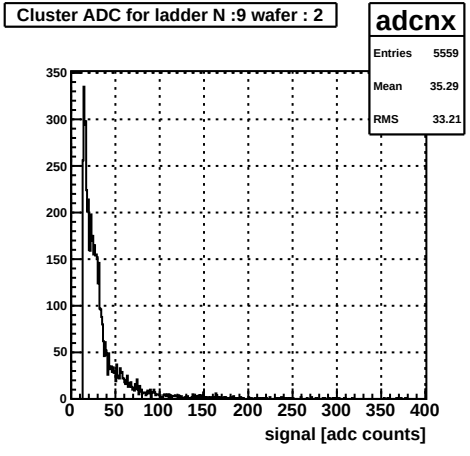

Cluster ADC for ladder N :9 wafer : 1
adcnx
Entries 1251
Mean 47.55
RMS 37.81
signal [adc counts]

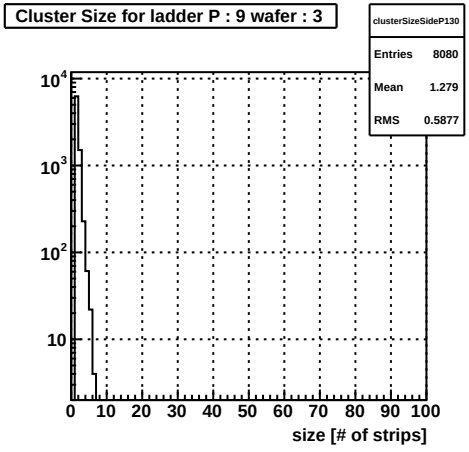

Cluster Size for ladder P : 9 wafer : 2
clusterSizeSideP129
Entries 5028
Mean 1.33
RMS 0.6346
size [# of strips]

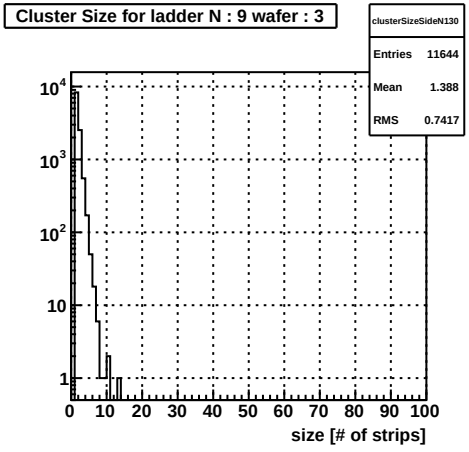

Cluster Size for ladder N : 9 wafer : 2
clusterSizeSideN129
Entries 5559
Mean 1.271
RMS 0.6388
size [# of strips]

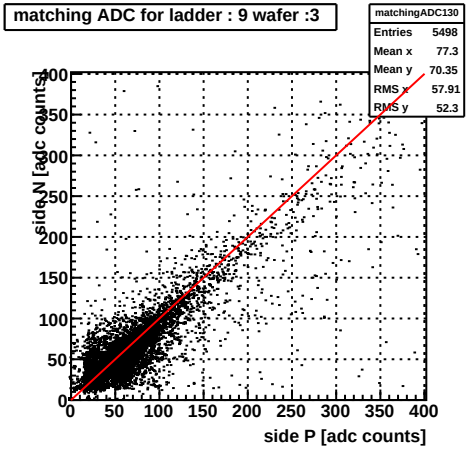

matching ADC for ladder : 9 wafer :2
matchingADC129
Entries 1367
Mean x 70.69
Mean y 44.21
RMS x 56.33
RMS y 37.47
side N [adc counts]
side P [adc counts]

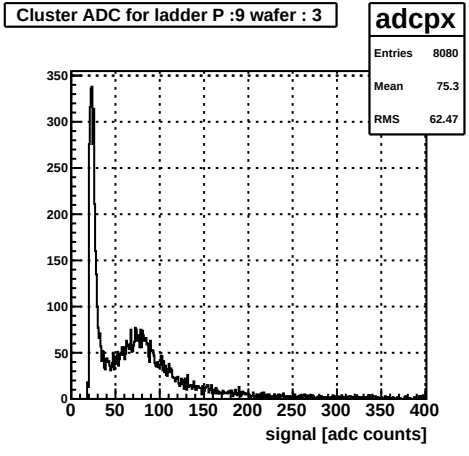

Cluster ADC for ladder P :9 wafer : 2
adcpx
Entries 5028
Mean 70.11
RMS 61.06
signal [adc counts]

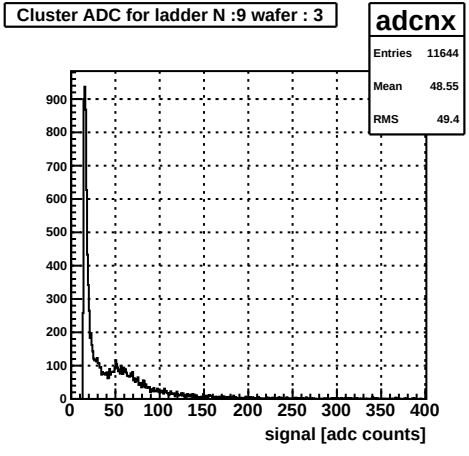

Cluster ADC for ladder N :9 wafer : 2
adcnx
Entries 5559
Mean 35.29
RMS 33.21
signal [adc counts]

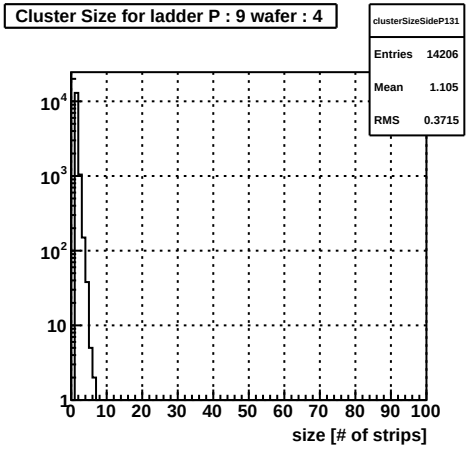

Cluster Size for ladder P : 9 wafer : 3
clusterSizeSideP130
Entries 8080
Mean 1.279
RMS 0.5877
size [# of strips]

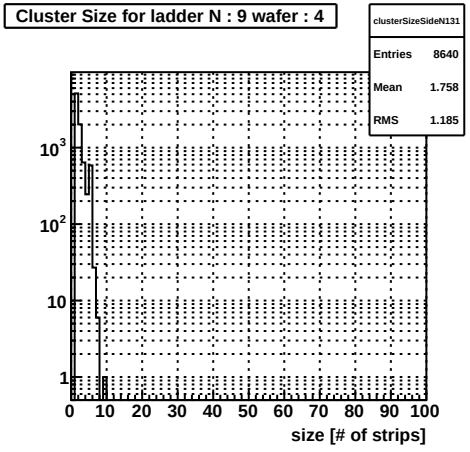

Cluster Size for ladder N : 9 wafer : 3
clusterSizeSideN130
Entries 11644
Mean 1.388
RMS 0.7417
size [# of strips]

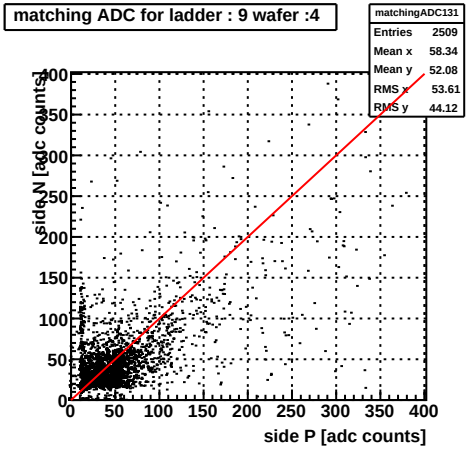

matching ADC for ladder : 9 wafer :3
matchingADC130
Entries 5498
Mean x 77.3
Mean y 70.35
RMS x 57.91
RMS y 52.3
side N [adc counts]
side P [adc counts]

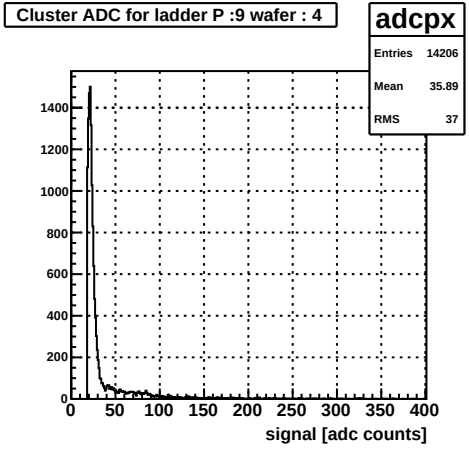

Cluster ADC for ladder P :9 wafer : 3
adcpx
Entries 8080
Mean 75.3
RMS 62.47
signal [adc counts]

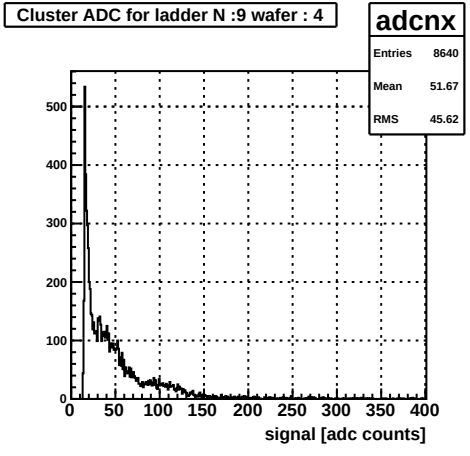

Cluster ADC for ladder N :9 wafer : 3
adcnx
Entries 11644
Mean 48.55
RMS 49.4
signal [adc counts]

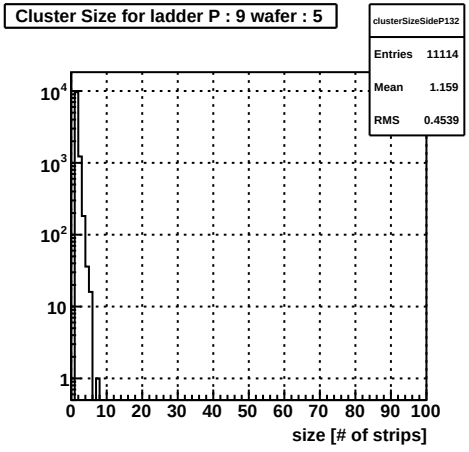

Cluster Size for ladder P : 9 wafer : 4
clusterSizeSideP131
Entries 14206
Mean 1.105
RMS 0.3715
size [# of strips]

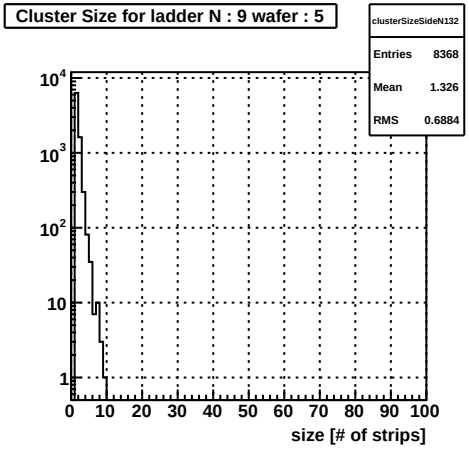

Cluster Size for ladder N : 9 wafer : 4
clusterSizeSideN131
Entries 8640
Mean 1.758
RMS 1.185
size [# of strips]

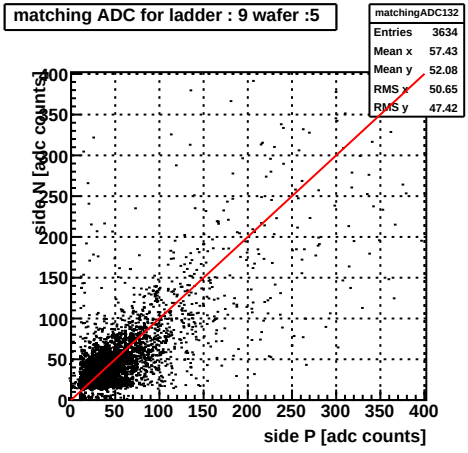

matching ADC for ladder : 9 wafer :4
matchingADC131
Entries 2509
Mean x 58.34
Mean y 52.08
RMS x 53.61
RMS y 44.12
side N [adc counts]
side P [adc counts]

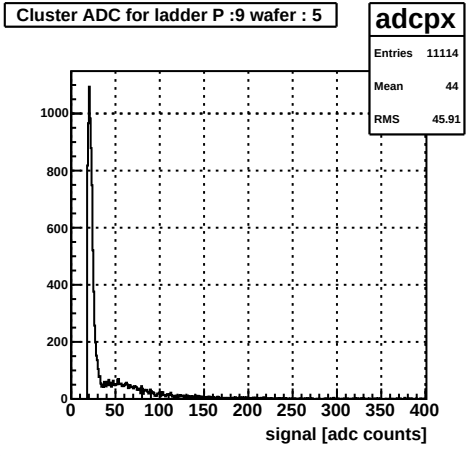

Cluster ADC for ladder P :9 wafer : 4
adcpx
Entries 14206
Mean 35.89
RMS 37
signal [adc counts]

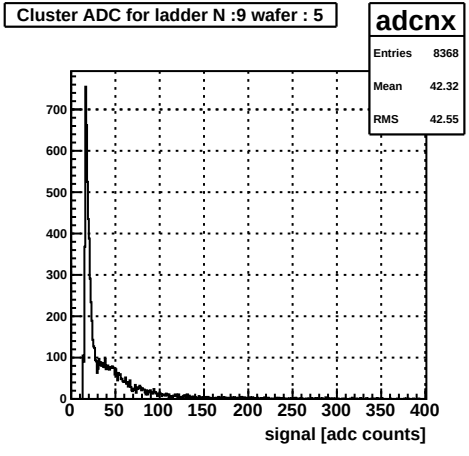

Cluster ADC for ladder N :9 wafer : 4
adcnx
Entries 8640
Mean 51.67
RMS 45.62
signal [adc counts]

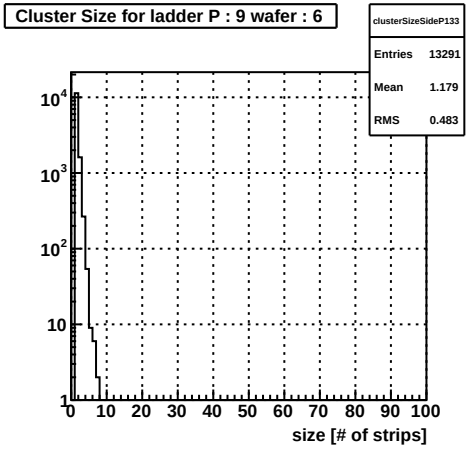

Cluster Size for ladder P : 9 wafer : 5
clusterSizeSideP132
Entries 11114
Mean 1.159
RMS 0.4539
size [# of strips]

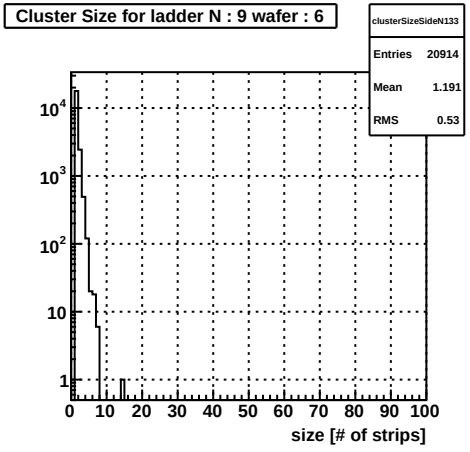

Cluster Size for ladder N : 9 wafer : 5
clusterSizeSideN132
Entries 8368
Mean 1.326
RMS 0.6884
size [# of strips]

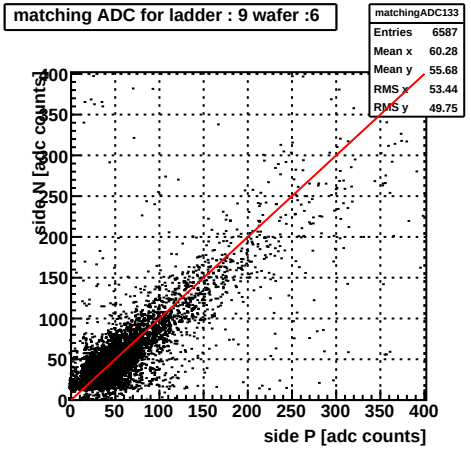

matching ADC for ladder : 9 wafer :5
matchingADC132
Entries 3634
Mean x 57.43
Mean y 52.08
RMS x 50.65
RMS y 47.42
side N [adc counts]
side P [adc counts]

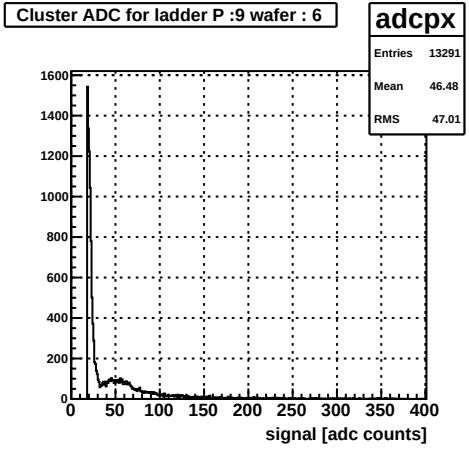

Cluster ADC for ladder P :9 wafer : 5
adcpx
Entries 11114
Mean 44
RMS 45.91
signal [adc counts]

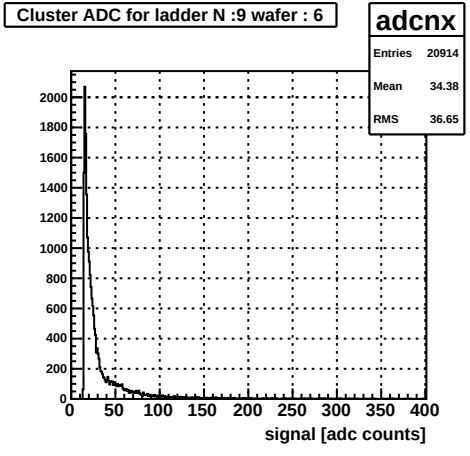

Cluster ADC for ladder N :9 wafer : 5
adcnx
Entries 8368
Mean 42.32
RMS 42.55
signal [adc counts]

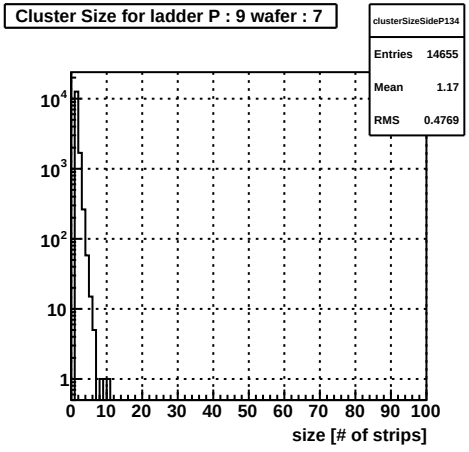

Cluster Size for ladder P : 9 wafer : 6
clusterSizeSideP133
Entries 13291
Mean 1.179
RMS 0.483
size [# of strips]

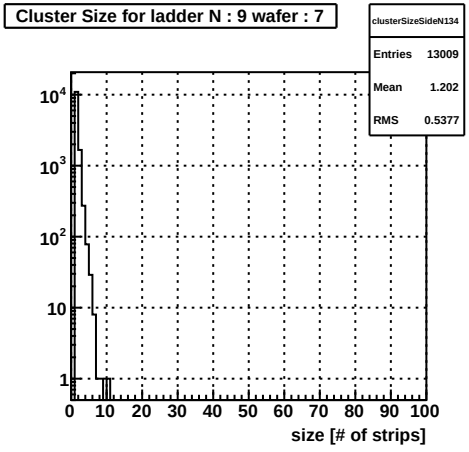

Cluster Size for ladder N : 9 wafer : 6
clusterSizeSideN133
Entries 20914
Mean 1.191
RMS 0.53
size [# of strips]

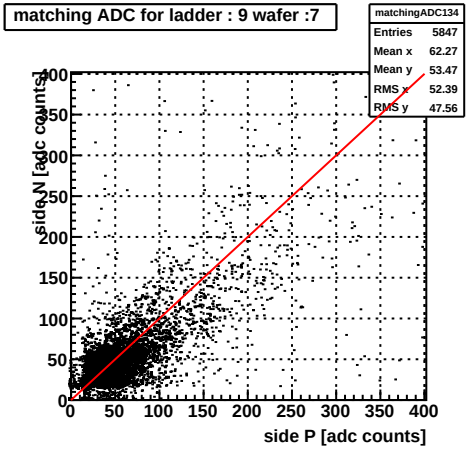

matching ADC for ladder : 9 wafer :6
matchingADC133
Entries 6587
Mean x 60.28
Mean y 55.68
RMS x 53.44
RMS y 49.75
side N [adc counts]
side P [adc counts]

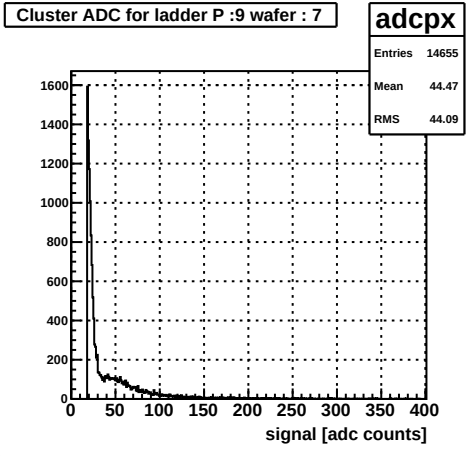

Cluster ADC for ladder P :9 wafer : 6
adcpx
Entries 13291
Mean 46.48
RMS 47.01
signal [adc counts]

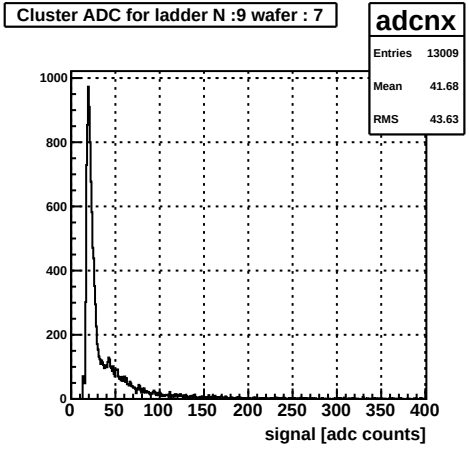

Cluster ADC for ladder N :9 wafer : 6
adcnx
Entries 20914
Mean 34.38
RMS 36.65
signal [adc counts]

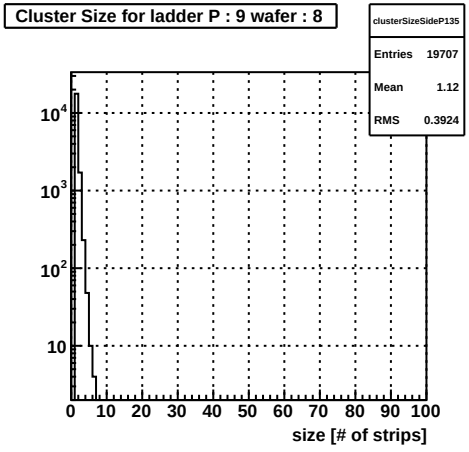

Cluster Size for ladder P : 9 wafer : 7
clusterSizeSideP134
Entries 14655
Mean 1.17
RMS 0.4769
size [# of strips]

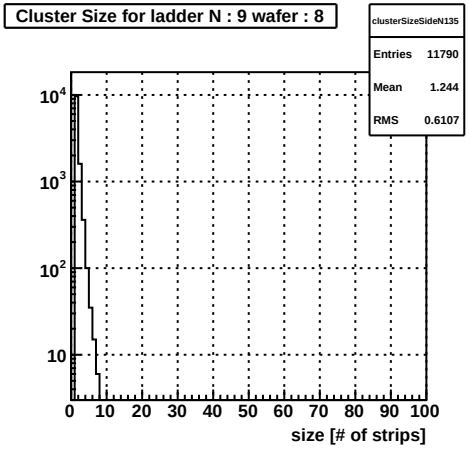

Cluster Size for ladder N : 9 wafer : 7
clusterSizeSideN134
Entries 13009
Mean 1.202
RMS 0.5377
size [# of strips]

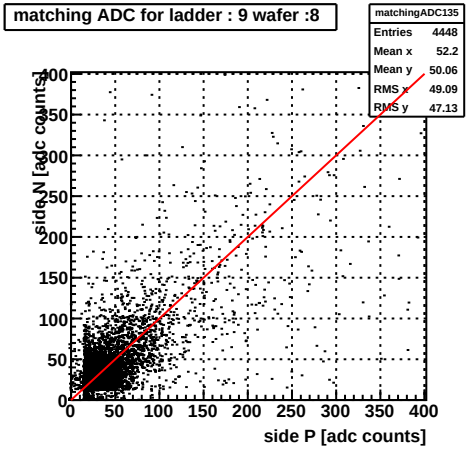

matching ADC for ladder : 9 wafer :7
matchingADC134
Entries 5847
Mean x 62.27
Mean y 53.47
RMS x 52.39
RMS y 47.56
side N [adc counts]
side P [adc counts]

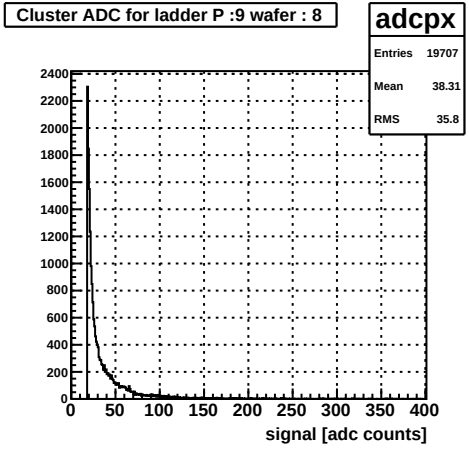

Cluster ADC for ladder P :9 wafer : 7
adcpx
Entries 14655
Mean 44.47
RMS 44.09
signal [adc counts]

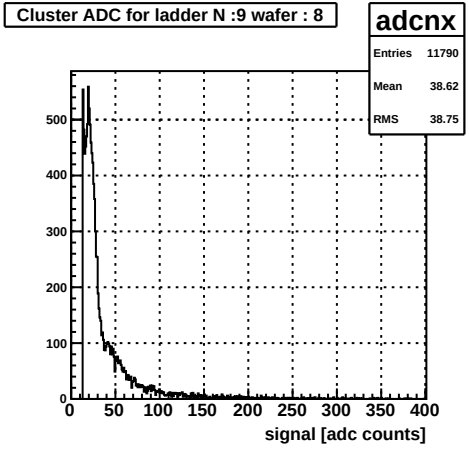

Cluster ADC for ladder N :9 wafer : 7
adcnx
Entries 13009
Mean 41.68
RMS 43.63
signal [adc counts]

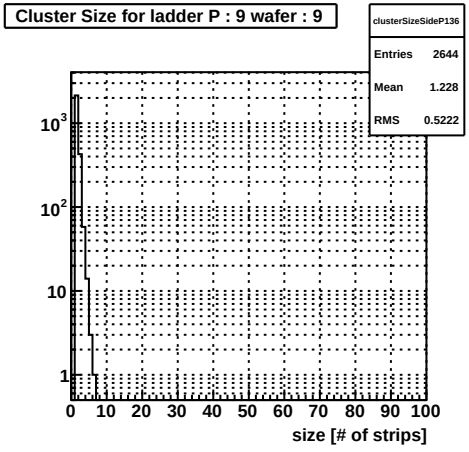

Cluster Size for ladder P : 9 wafer : 8
clusterSizeSideP135
Entries 19707
Mean 1.12
RMS 0.3924
size [# of strips]

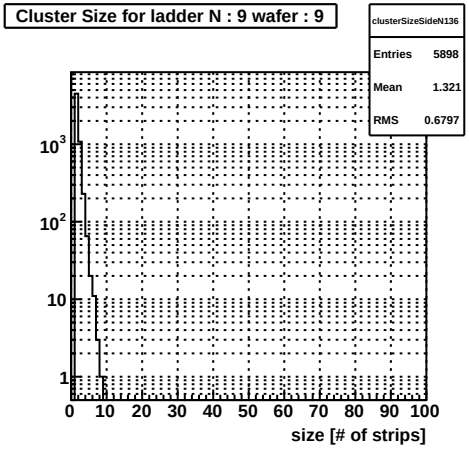

Cluster Size for ladder N : 9 wafer : 8
clusterSizeSideN135
Entries 11790
Mean 1.244
RMS 0.6107
size [# of strips]

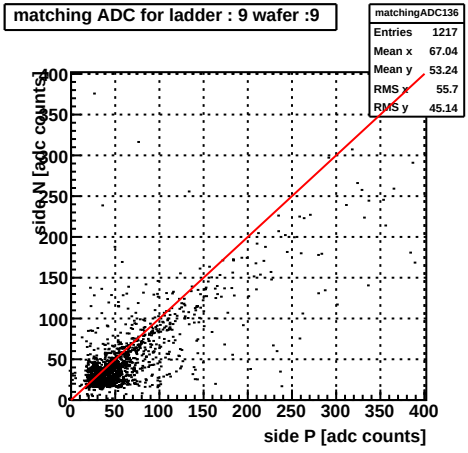

matching ADC for ladder : 9 wafer :8
matchingADC135
Entries 4448
Mean x 52.2
Mean y 50.06
RMS x 49.09
RMS y 47.13
side N [adc counts]
side P [adc counts]

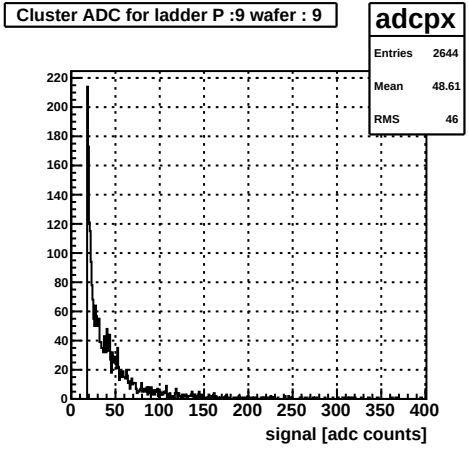

Cluster ADC for ladder P :9 wafer : 8
adcpx
Entries 19707
Mean 38.31
RMS 35.8
signal [adc counts]

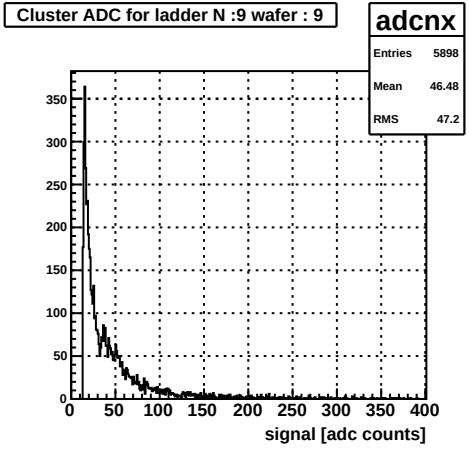

Cluster ADC for ladder N :9 wafer : 8
adcnx
Entries 11790
Mean 38.62
RMS 38.75
signal [adc counts]

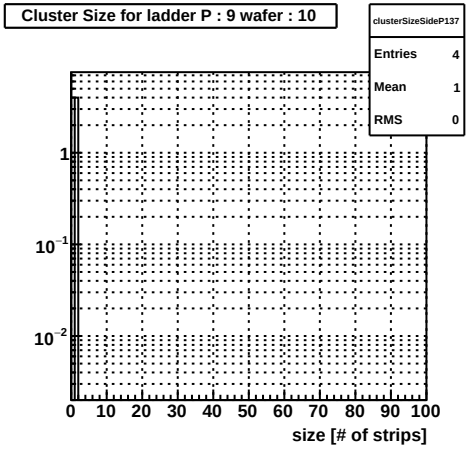

Cluster Size for ladder P : 9 wafer : 9
clusterSizeSideP136
Entries 2644
Mean 1.228
RMS 0.5222
size [# of strips]

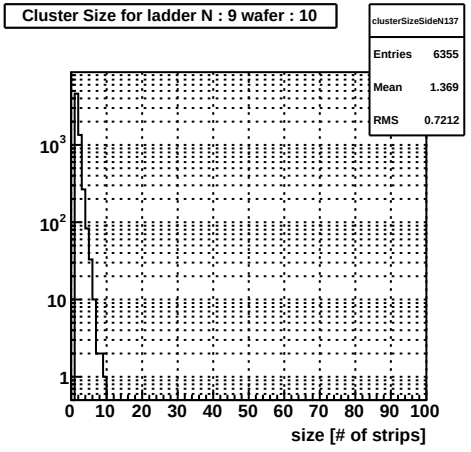

Cluster Size for ladder N : 9 wafer : 9
clusterSizeSideN136
Entries 5898
Mean 1.321
RMS 0.6797
size [# of strips]

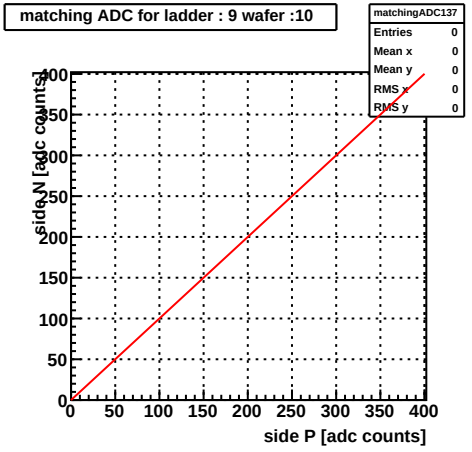

matching ADC for ladder : 9 wafer :9
matchingADC136
Entries 1217
Mean x 67.04
Mean y 53.24
RMS x 55.7
RMS y 45.14
side N [adc counts]
side P [adc counts]

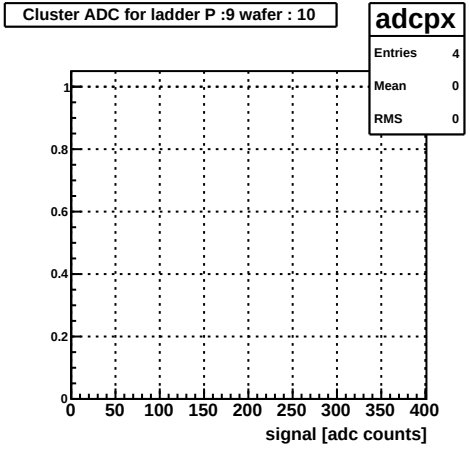

Cluster ADC for ladder P :9 wafer : 9
adcpx
Entries 2644
Mean 48.61
RMS 46
signal [adc counts]

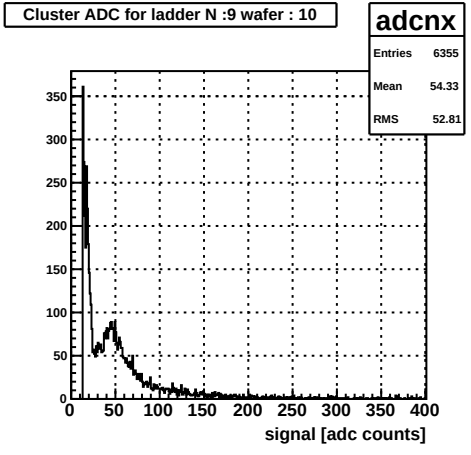

Cluster ADC for ladder N :9 wafer : 9
adcnx
Entries 5898
Mean 46.48
RMS 47.2
signal [adc counts]

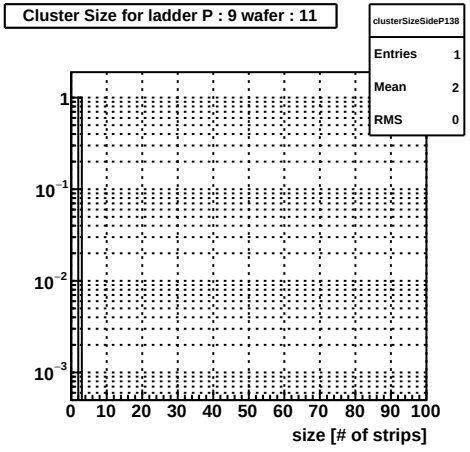

Cluster Size for ladder P : 9 wafer : 10
clusterSizeSideP137
Entries 4
Mean 1
RMS 0
size [# of strips]

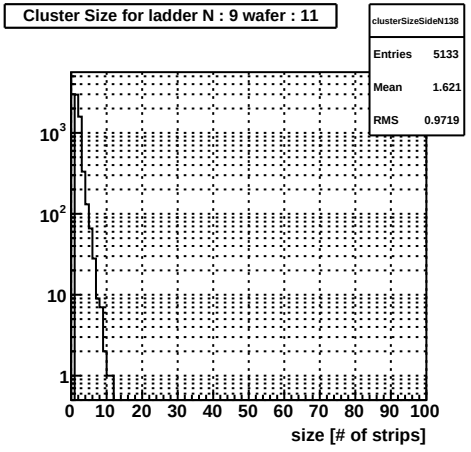

Cluster Size for ladder N : 9 wafer : 10
clusterSizeSideN137
Entries 6355
Mean 1.369
RMS 0.7212
size [# of strips]

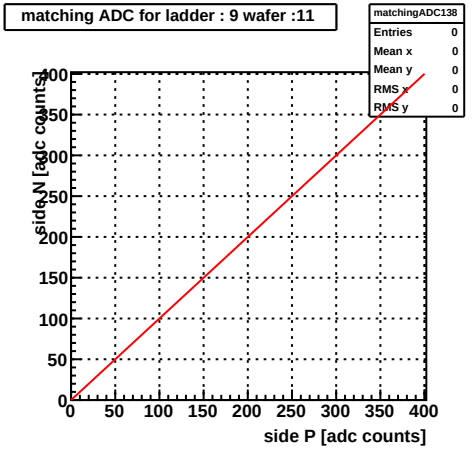

matching ADC for ladder : 9 wafer :10
matchingADC137
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

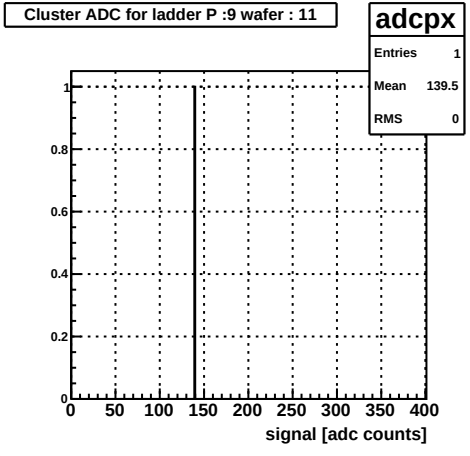

Cluster ADC for ladder P :9 wafer : 10
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

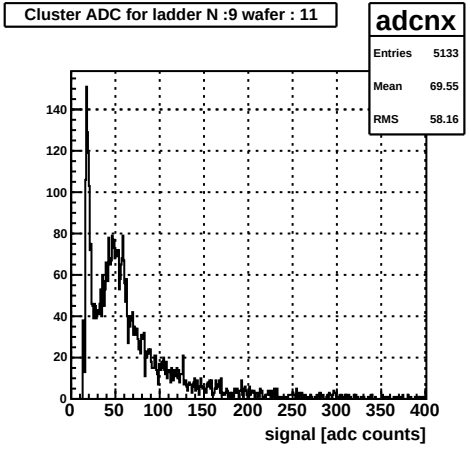

Cluster ADC for ladder N :9 wafer : 10
adcnx
Entries 6355
Mean 54.33
RMS 52.81
signal [adc counts]

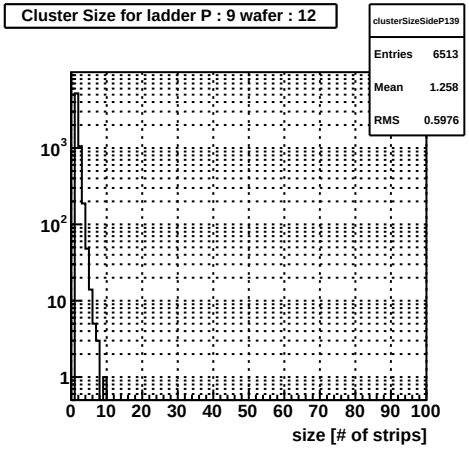

Cluster Size for ladder P : 9 wafer : 11
clusterSizeSideP138
Entries 1
Mean 2
RMS 0
size [# of strips]

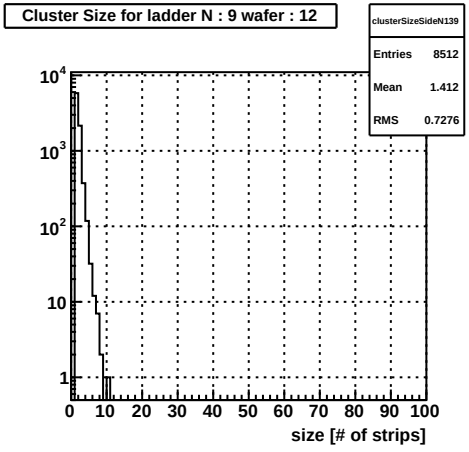

Cluster Size for ladder N : 9 wafer : 11
clusterSizeSideN138
Entries 5133
Mean 1.621
RMS 0.9719
size [# of strips]

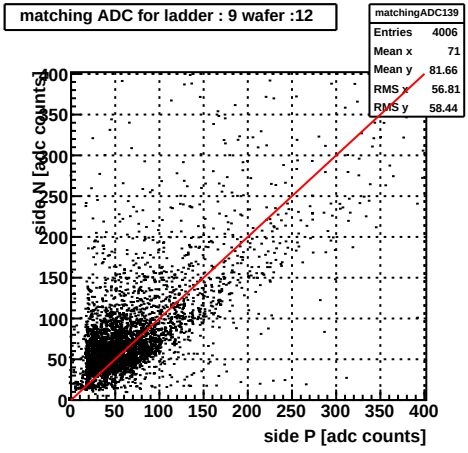

matching ADC for ladder : 9 wafer :11
matchingADC138
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

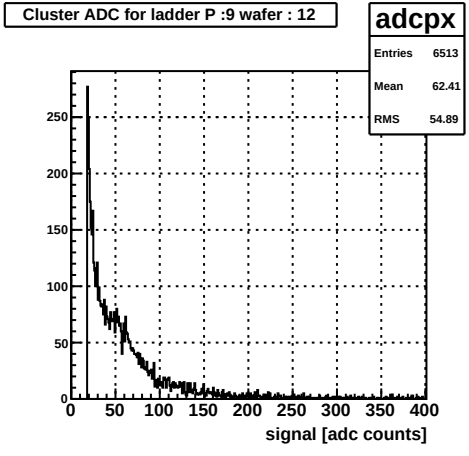

Cluster ADC for ladder P :9 wafer : 11
adcpx
Entries 1
Mean 139.5
RMS 0
signal [adc counts]

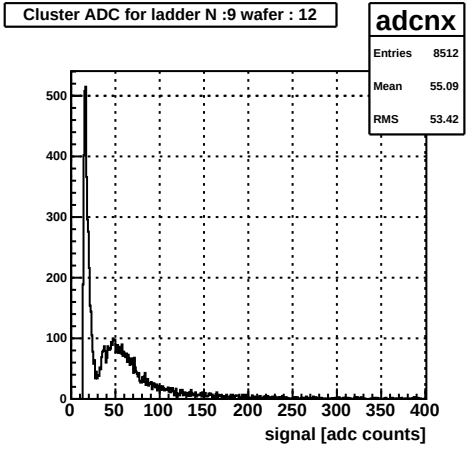

Cluster ADC for ladder N :9 wafer : 11
adcnx
Entries 5133
Mean 69.55
RMS 58.16
signal [adc counts]

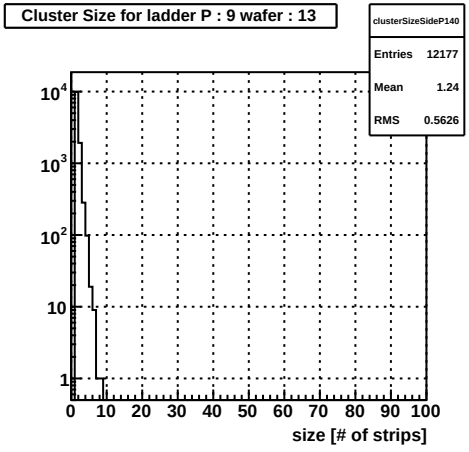

Cluster Size for ladder P : 9 wafer : 12
clusterSizeSideP139
Entries 6513
Mean 1.258
RMS 0.5976
size [# of strips]

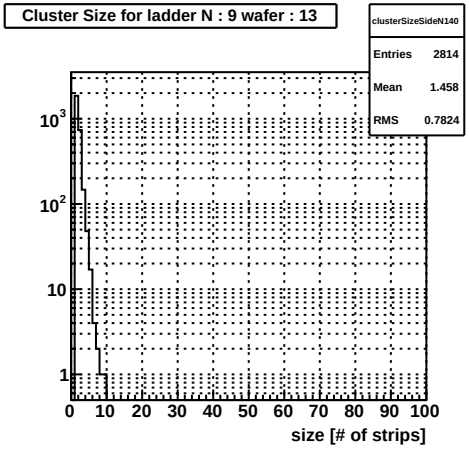

Cluster Size for ladder N : 9 wafer : 12
clusterSizeSideN139
Entries 8512
Mean 1.412
RMS 0.7276
size [# of strips]

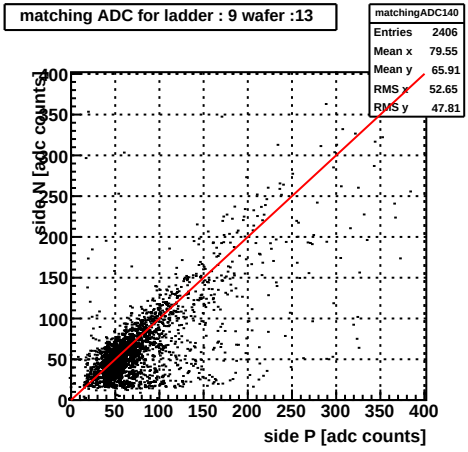

matching ADC for ladder : 9 wafer :12
matchingADC139
Entries 4006
Mean x 71
Mean y 81.66
RMS x 56.81
RMS y 58.44
side N [adc counts]
side P [adc counts]

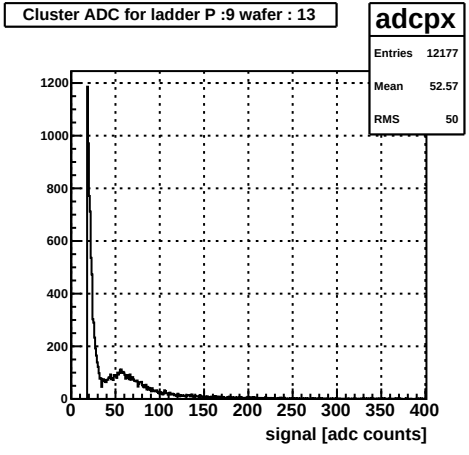

Cluster ADC for ladder P :9 wafer : 12
adcpx
Entries 6513
Mean 62.41
RMS 54.89
signal [adc counts]

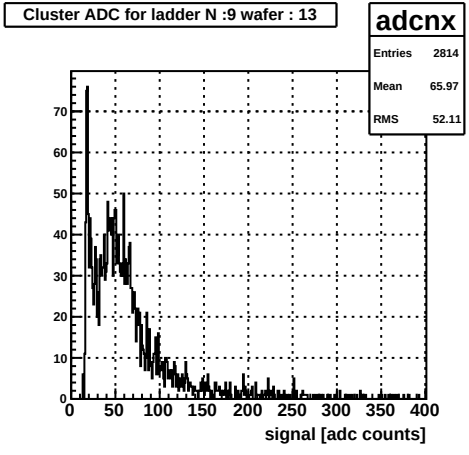

Cluster ADC for ladder N :9 wafer : 12
adcnx
Entries 8512
Mean 55.09
RMS 53.42
signal [adc counts]

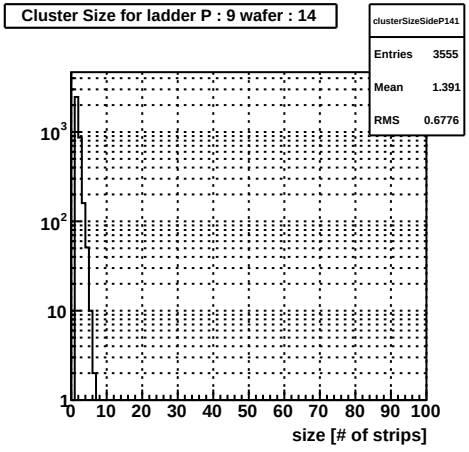

Cluster Size for ladder P : 9 wafer : 13
clusterSizeSideP140
Entries 12177
Mean 1.24
RMS 0.5626
size [# of strips]

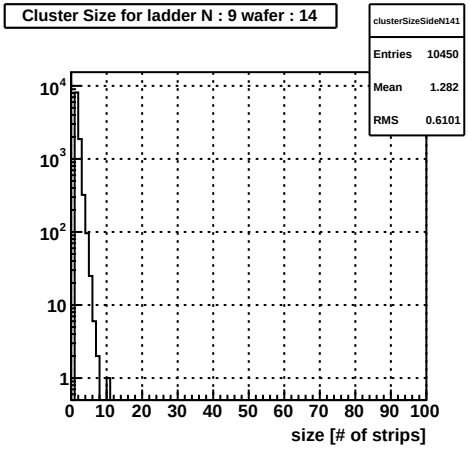

Cluster Size for ladder N : 9 wafer : 13
clusterSizeSideN140
Entries 2814
Mean 1.458
RMS 0.7824
size [# of strips]

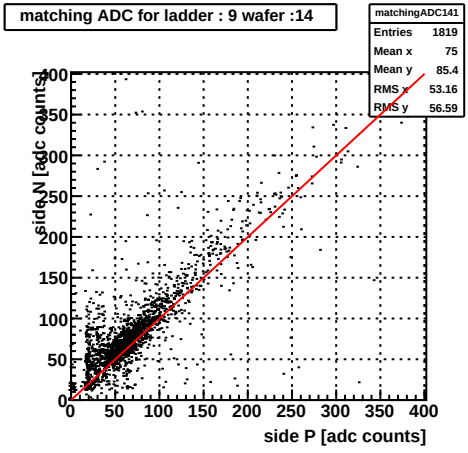

matching ADC for ladder : 9 wafer :13
matchingADC140
Entries 2406
Mean x 79.55
Mean y 65.91
RMS x 52.65
RMS y 47.81
side N [adc counts]
side P [adc counts]

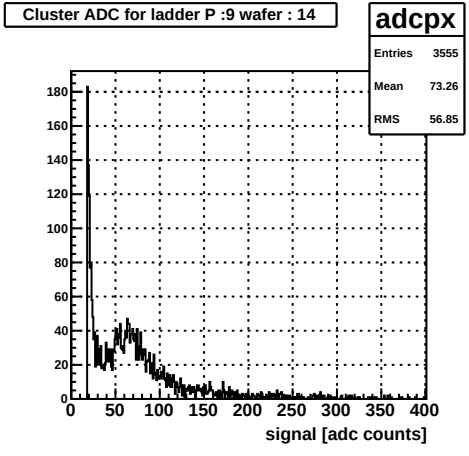

Cluster ADC for ladder P :9 wafer : 13
adcpx
Entries 12177
Mean 52.57
RMS 50
signal [adc counts]

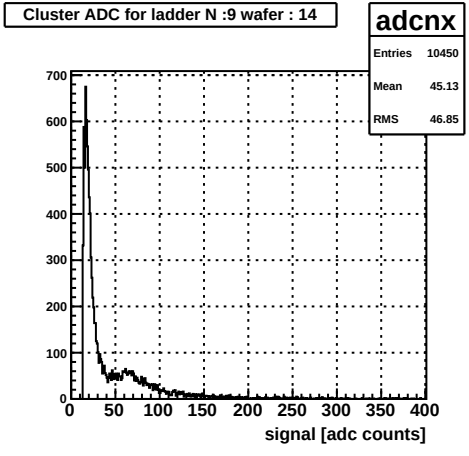

Cluster ADC for ladder N :9 wafer : 13
adcnx
Entries 2814
Mean 65.97
RMS 52.11
signal [adc counts]

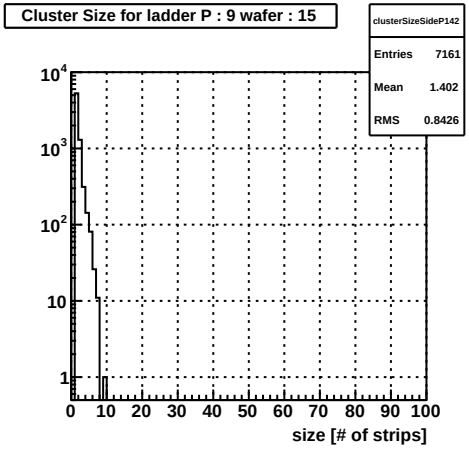

Cluster Size for ladder P : 9 wafer : 14
clusterSizeSideP141
Entries 3555
Mean 1.391
RMS 0.6776
size [# of strips]

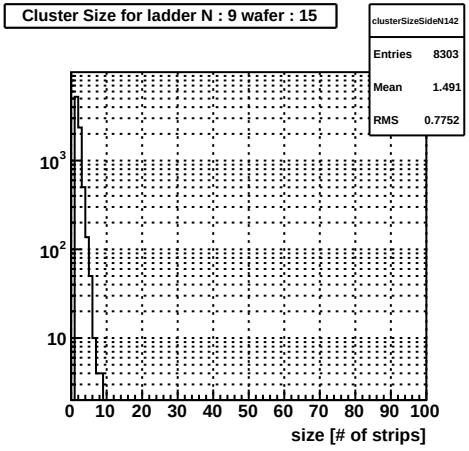

Cluster Size for ladder N : 9 wafer : 14
clusterSizeSideN141
Entries 10450
Mean 1.282
RMS 0.6101
size [# of strips]

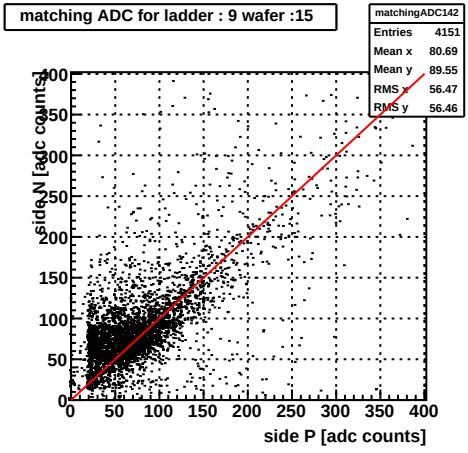

matching ADC for ladder : 9 wafer :14
matchingADC141
Entries 1819
Mean x 75
Mean y 85.4
RMS x 53.16
RMS y 56.59
side N [adc counts]
side P [adc counts]

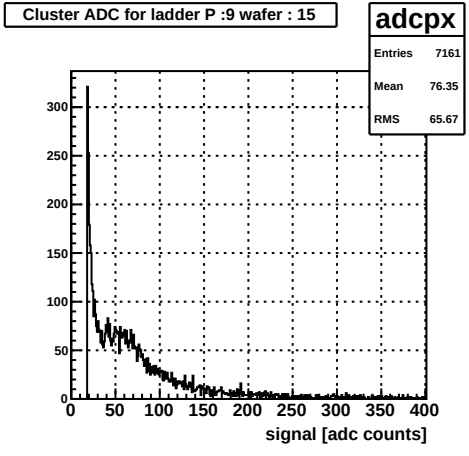

Cluster ADC for ladder P :9 wafer : 14
adcpx
Entries 3555
Mean 73.26
RMS 56.85
signal [adc counts]

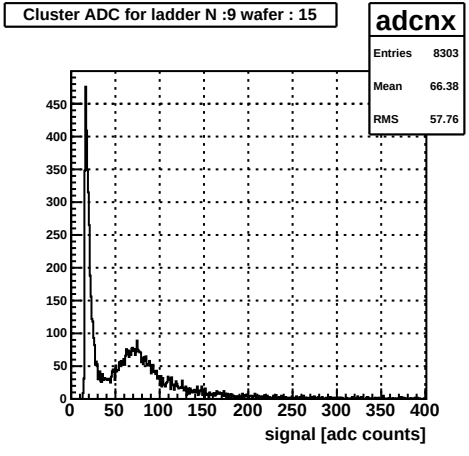

Cluster ADC for ladder N :9 wafer : 14
adcnx
Entries 10450
Mean 45.13
RMS 46.85
signal [adc counts]

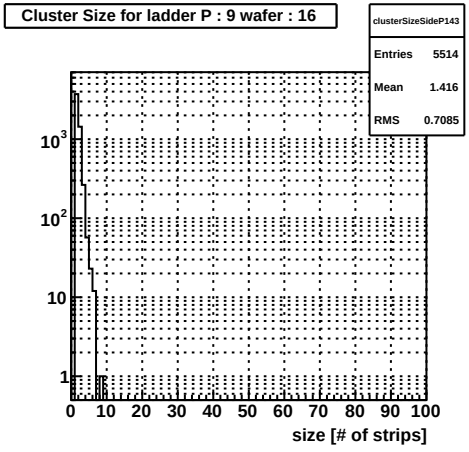

Cluster Size for ladder P : 9 wafer : 15
clusterSizeSideP142
Entries 7161
Mean 1.402
RMS 0.8426
size [# of strips]

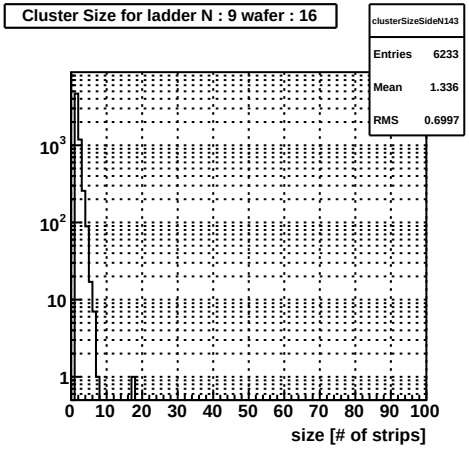

Cluster Size for ladder N : 9 wafer : 15
clusterSizeSideN142
Entries 8303
Mean 1.491
RMS 0.7752
size [# of strips]

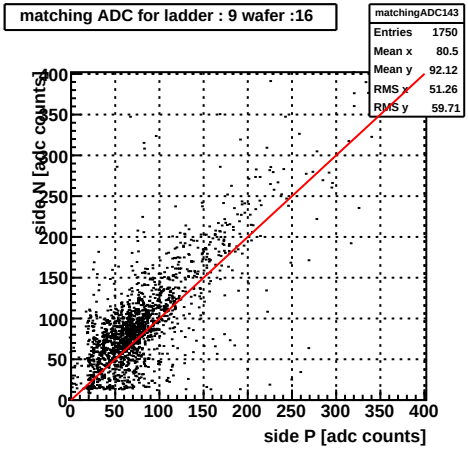

matching ADC for ladder : 9 wafer :15
matchingADC142
Entries 4151
Mean x 80.69
Mean y 89.55
RMS x 56.47
RMS y 56.46
side N [adc counts]
side P [adc counts]

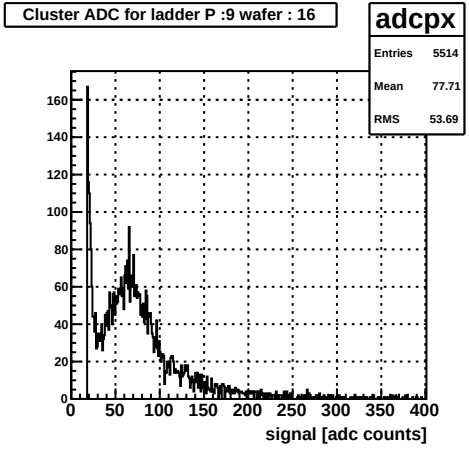

Cluster ADC for ladder P :9 wafer : 15
adcpx
Entries 7161
Mean 76.35
RMS 65.67
signal [adc counts]

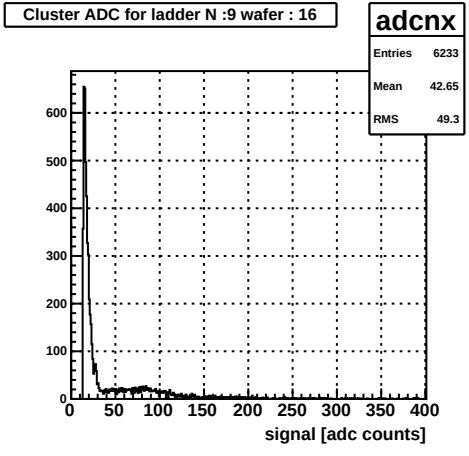

Cluster ADC for ladder N :9 wafer : 15
adcnx
Entries 8303
Mean 66.38
RMS 57.76
signal [adc counts]

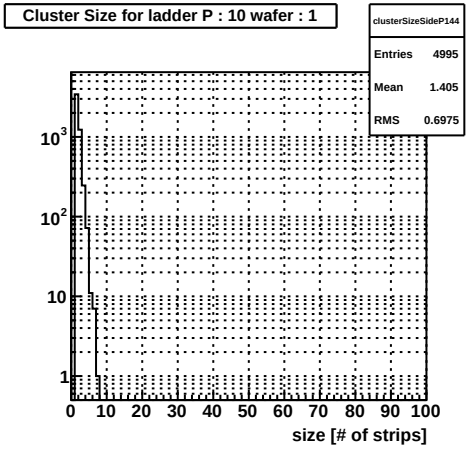

Cluster Size for ladder P : 9 wafer : 16
clusterSizeSideP143
Entries 5514
Mean 1.416
RMS 0.7085
size [# of strips]

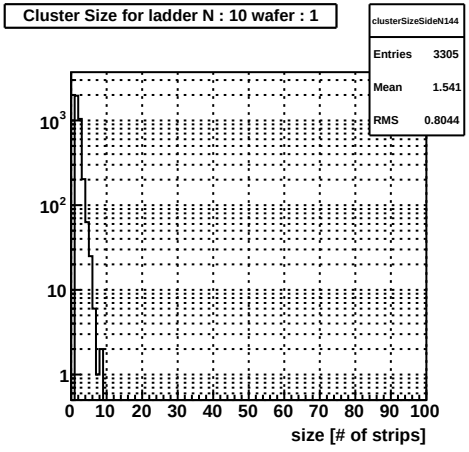

Cluster Size for ladder N : 9 wafer : 16
clusterSizeSideN143
Entries 6233
Mean 1.336
RMS 0.6997
size [# of strips]

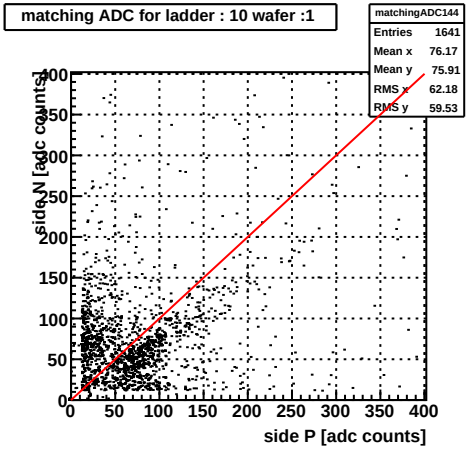

matching ADC for ladder : 9 wafer :16
matchingADC143
Entries 1750
Mean x 80.5
Mean y 92.12
RMS x 51.26
RMS y 59.71
side N [adc counts]
side P [adc counts]

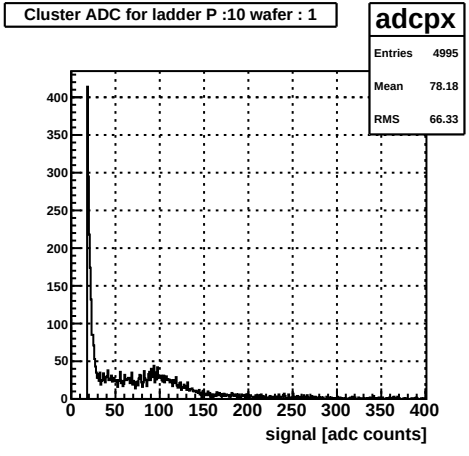

Cluster ADC for ladder P :9 wafer : 16
adcpx
Entries 5514
Mean 77.71
RMS 53.69
signal [adc counts]

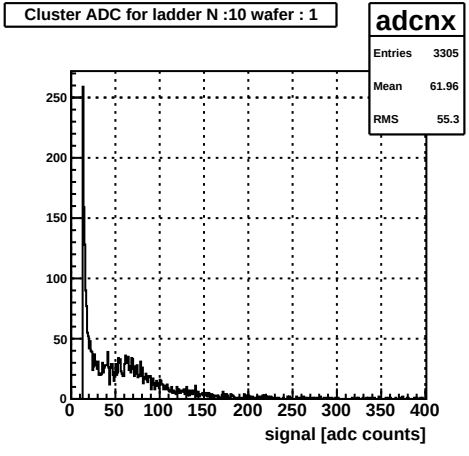

Cluster ADC for ladder N :9 wafer : 16
adcnx
Entries 6233
Mean 42.65
RMS 49.3
signal [adc counts]

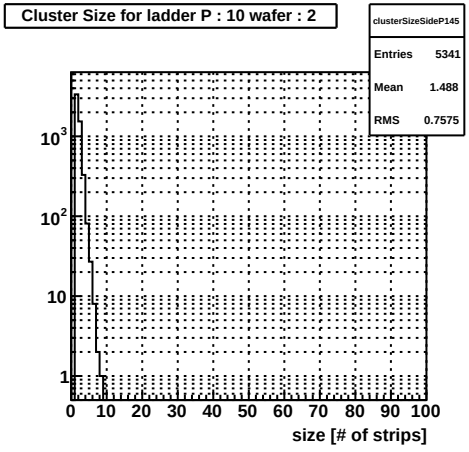

Cluster Size for ladder P : 10 wafer : 1
clusterSizeSideP144
Entries 4995
Mean 1.405
RMS 0.6975
size [# of strips]

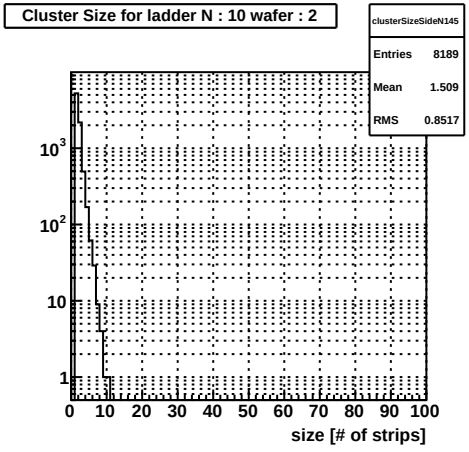

Cluster Size for ladder N : 10 wafer : 1
clusterSizeSideN144
Entries 3305
Mean 1.541
RMS 0.8044
size [# of strips]

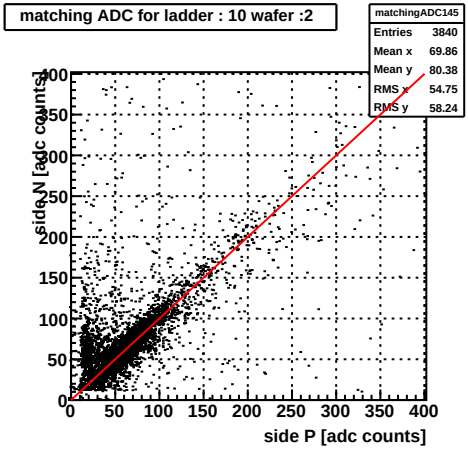

matching ADC for ladder : 10 wafer :1
matchingADC144
Entries 1641
Mean x 76.17
Mean y 75.91
RMS x 62.18
RMS y 59.53
side N [adc counts]
side P [adc counts]

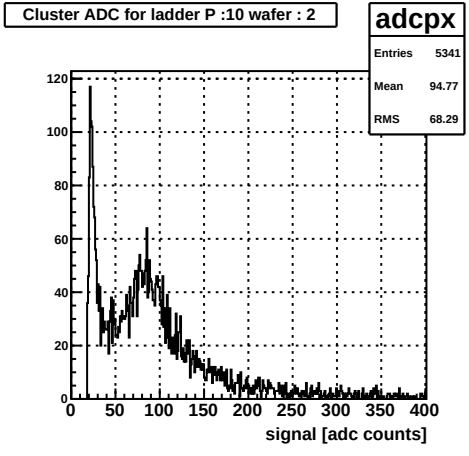

Cluster ADC for ladder P :10 wafer : 1
adcpx
Entries 4995
Mean 78.18
RMS 66.33
signal [adc counts]

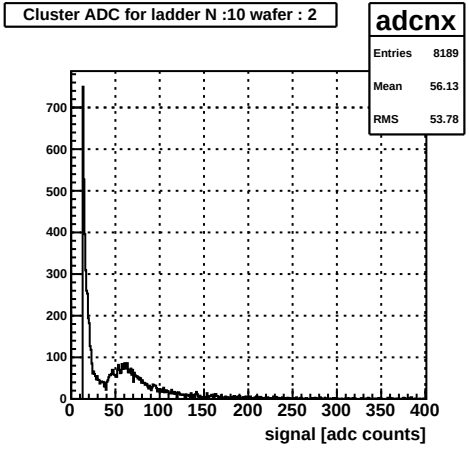

Cluster ADC for ladder N :10 wafer : 1
adcnx
Entries 3305
Mean 61.96
RMS 55.3
signal [adc counts]

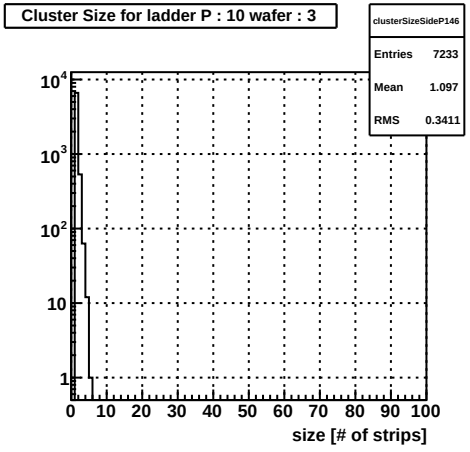

Cluster Size for ladder P : 10 wafer : 2
clusterSizeSideP145
Entries 5341
Mean 1.488
RMS 0.7575
size [# of strips]

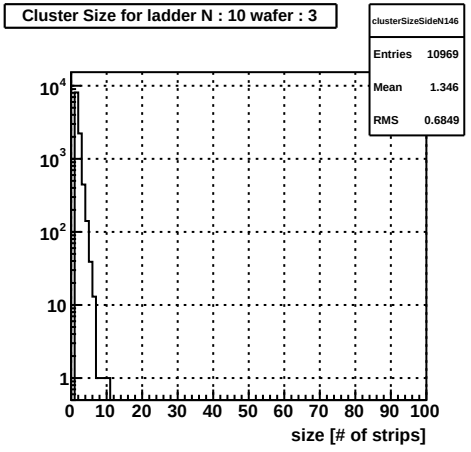

Cluster Size for ladder N : 10 wafer : 2
clusterSizeSideN145
Entries 8189
Mean 1.509
RMS 0.8517
size [# of strips]

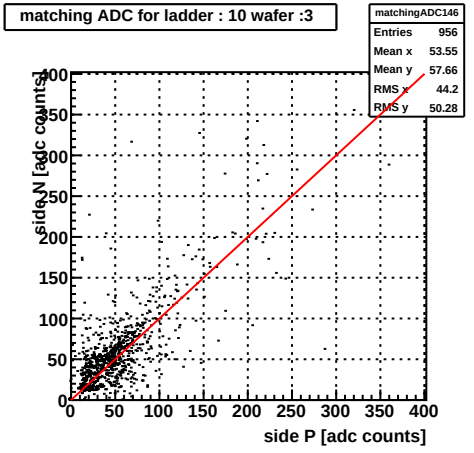

matching ADC for ladder : 10 wafer :2
matchingADC145
Entries 3840
Mean x 69.86
Mean y 80.38
RMS x 54.75
RMS y 58.24
side N [adc counts]
side P [adc counts]

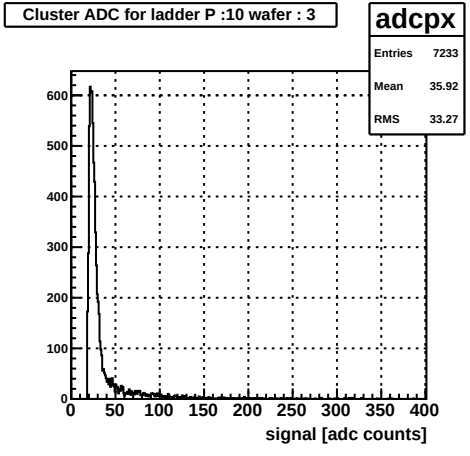

Cluster ADC for ladder P :10 wafer : 2
adcpx
Entries 5341
Mean 94.77
RMS 68.29
signal [adc counts]

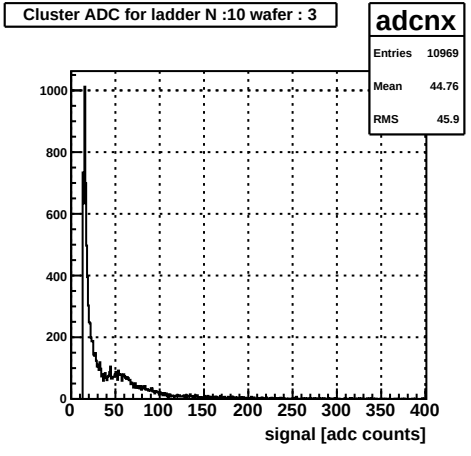

Cluster ADC for ladder N :10 wafer : 2
adcnx
Entries 8189
Mean 56.13
RMS 53.78
signal [adc counts]

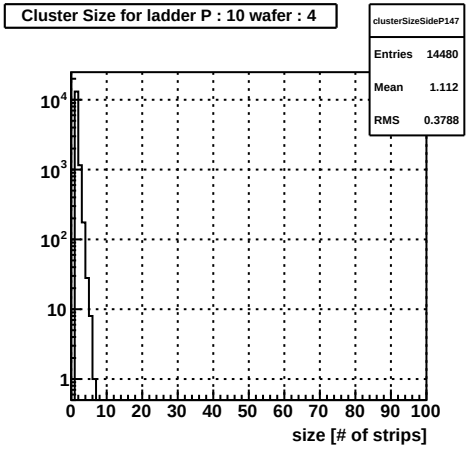

Cluster Size for ladder P : 10 wafer : 3
clusterSizeSideP146
Entries 7233
Mean 1.097
RMS 0.3411
size [# of strips]

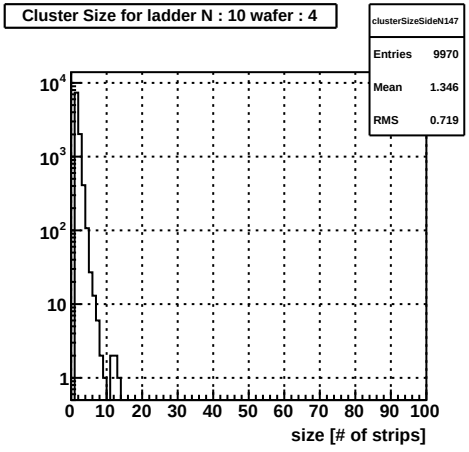

Cluster Size for ladder N : 10 wafer : 3
clusterSizeSideN146
Entries 10969
Mean 1.346
RMS 0.6849
size [# of strips]

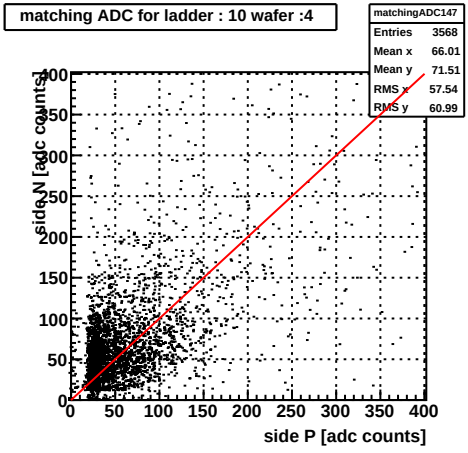

matching ADC for ladder : 10 wafer :3
matchingADC146
Entries 956
Mean x 53.55
Mean y 57.66
RMS x 44.2
RMS y 50.28
side N [adc counts]
side P [adc counts]

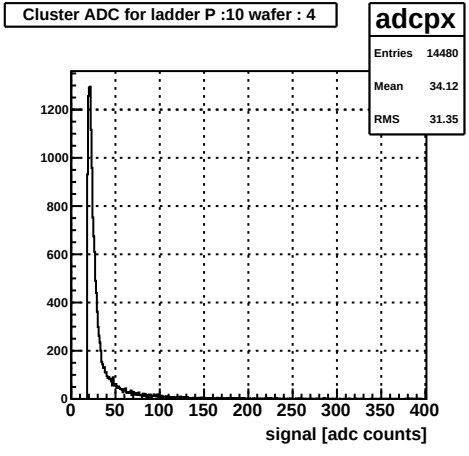

Cluster ADC for ladder P :10 wafer : 3
adcpx
Entries 7233
Mean 35.92
RMS 33.27
signal [adc counts]

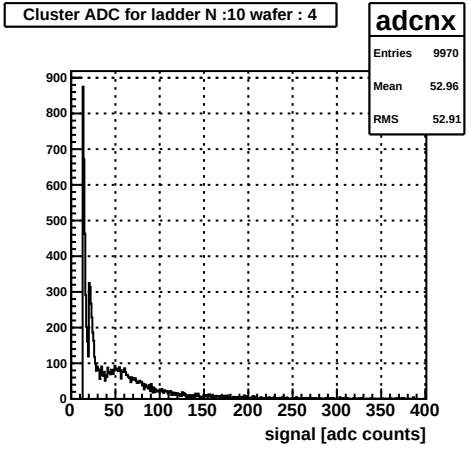

Cluster ADC for ladder N :10 wafer : 3
adcnx
Entries 10969
Mean 44.76
RMS 45.9
signal [adc counts]

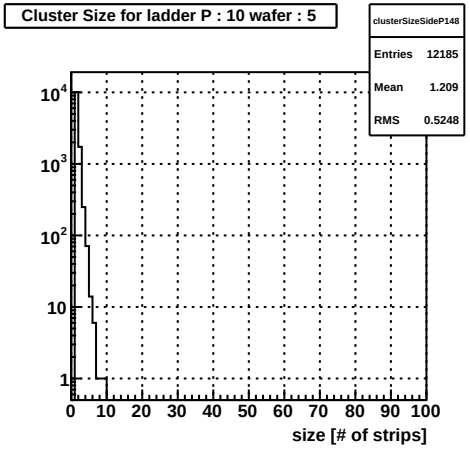

Cluster Size for ladder P : 10 wafer : 4
clusterSizeSideP147
Entries 14480
Mean 1.112
RMS 0.3788
size [# of strips]

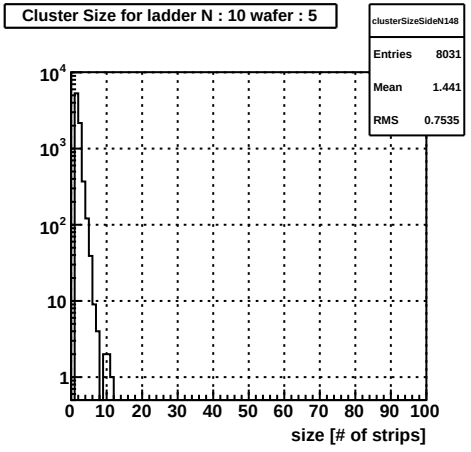

Cluster Size for ladder N : 10 wafer : 4
clusterSizeSideN147
Entries 9970
Mean 1.346
RMS 0.719
size [# of strips]

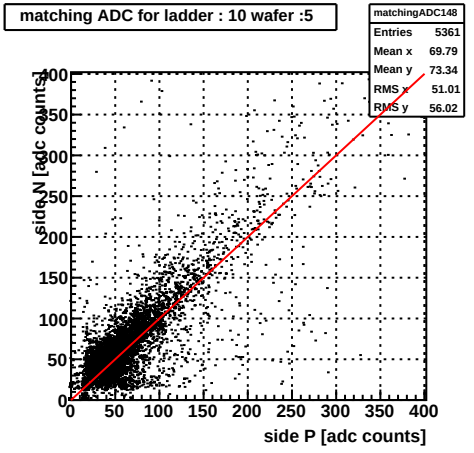

matching ADC for ladder : 10 wafer :4
matchingADC147
Entries 3568
Mean x 66.01
Mean y 71.51
RMS x 57.54
RMS y 60.99
side N [adc counts]
side P [adc counts]

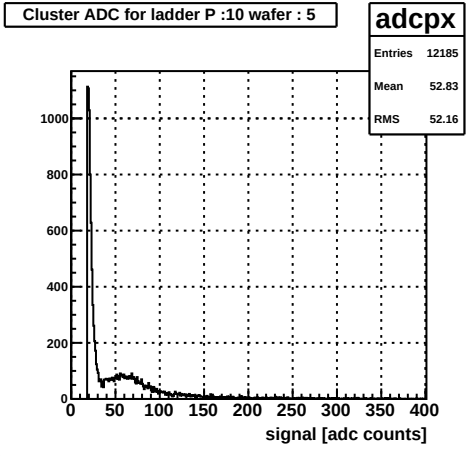

Cluster ADC for ladder P :10 wafer : 4
adcpx
Entries 14480
Mean 34.12
RMS 31.35
signal [adc counts]

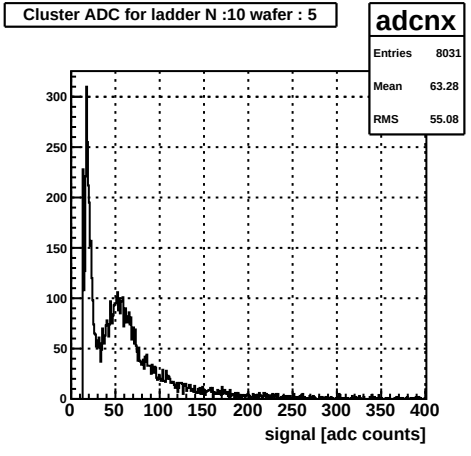

Cluster ADC for ladder N :10 wafer : 4
adcnx
Entries 9970
Mean 52.96
RMS 52.91
signal [adc counts]

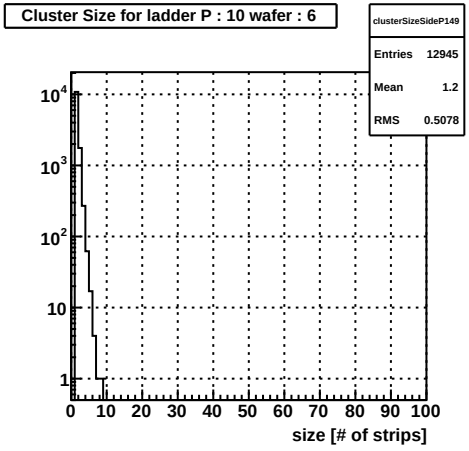

Cluster Size for ladder P : 10 wafer : 5
clusterSizeSideP148
Entries 12185
Mean 1.209
RMS 0.5248
size [# of strips]

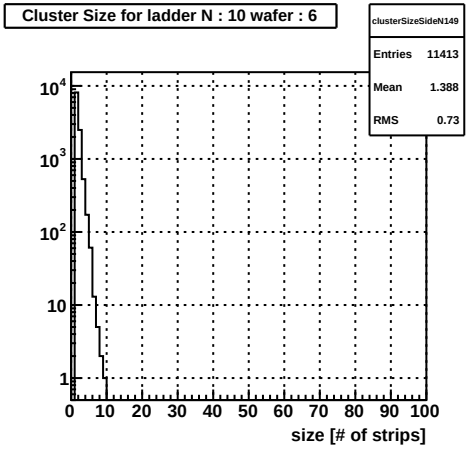

Cluster Size for ladder N : 10 wafer : 5
clusterSizeSideN148
Entries 8031
Mean 1.441
RMS 0.7535
size [# of strips]

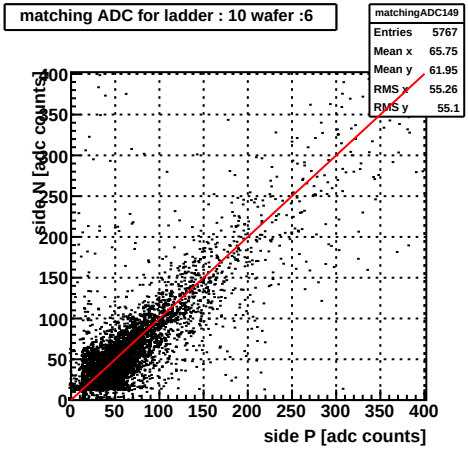

matching ADC for ladder : 10 wafer :5
matchingADC148
Entries 5361
Mean x 69.79
Mean y 73.34
RMS x 51.01
RMS y 56.02
side N [adc counts]
side P [adc counts]

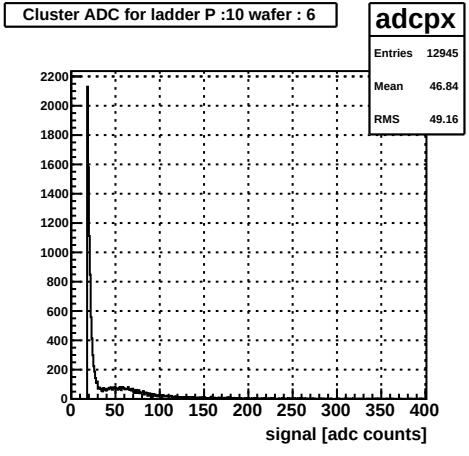

Cluster ADC for ladder P :10 wafer : 5
adcpx
Entries 12185
Mean 52.83
RMS 52.16
signal [adc counts]

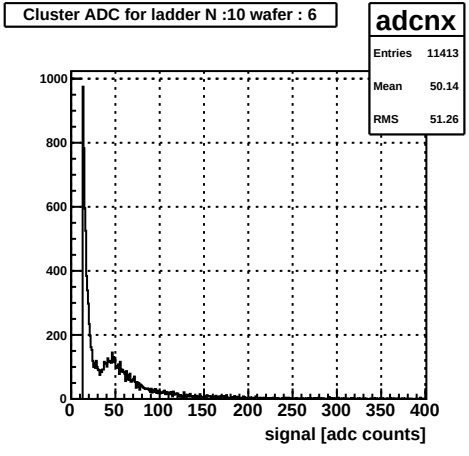

Cluster ADC for ladder N :10 wafer : 5
adcnx
Entries 8031
Mean 63.28
RMS 55.08
signal [adc counts]

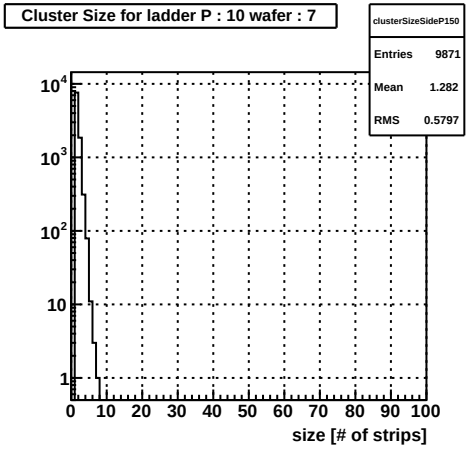

Cluster Size for ladder P : 10 wafer : 6
clusterSizeSideP149
Entries 12945
Mean 1.2
RMS 0.5078
size [# of strips]

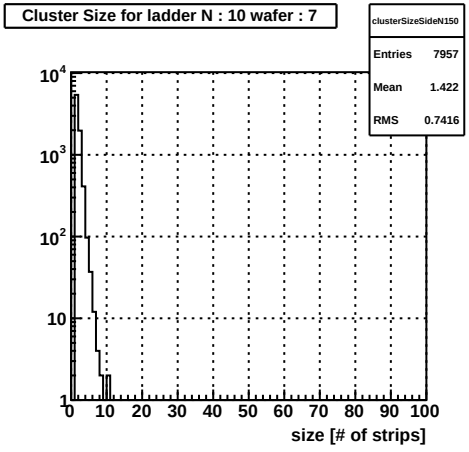

Cluster Size for ladder N : 10 wafer : 6
clusterSizeSideN149
Entries 11413
Mean 1.388
RMS 0.73
size [# of strips]

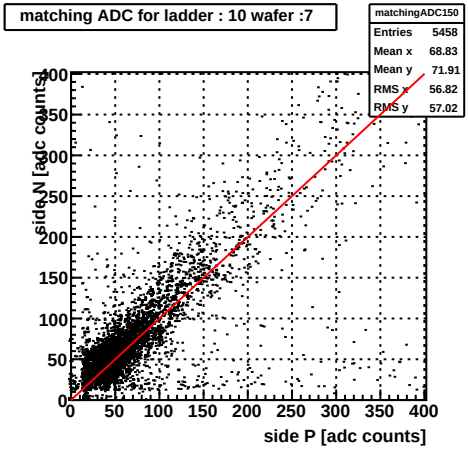

matching ADC for ladder : 10 wafer :6
matchingADC149
Entries 5767
Mean x 65.75
Mean y 61.95
RMS x 55.26
RMS y 55.1
side N [adc counts]
side P [adc counts]

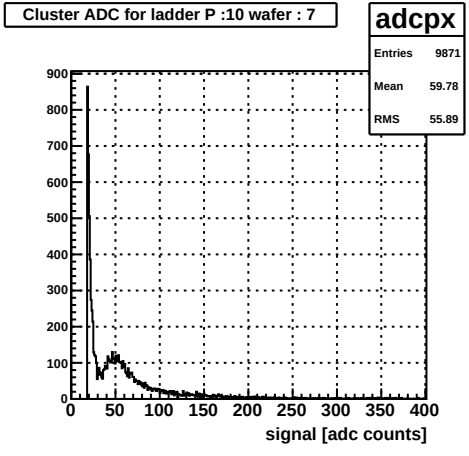

Cluster ADC for ladder P :10 wafer : 6
adcpx
Entries 12945
Mean 46.84
RMS 49.16
signal [adc counts]

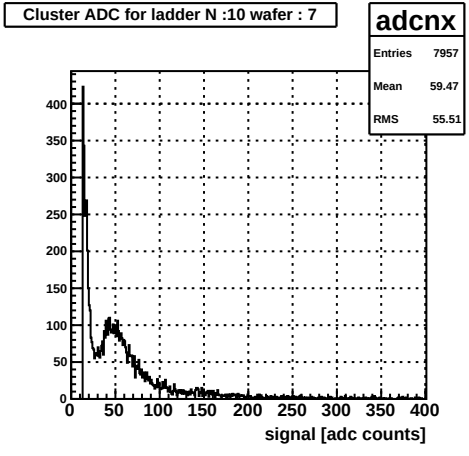

Cluster ADC for ladder N :10 wafer : 6
adcnx
Entries 11413
Mean 50.14
RMS 51.26
signal [adc counts]

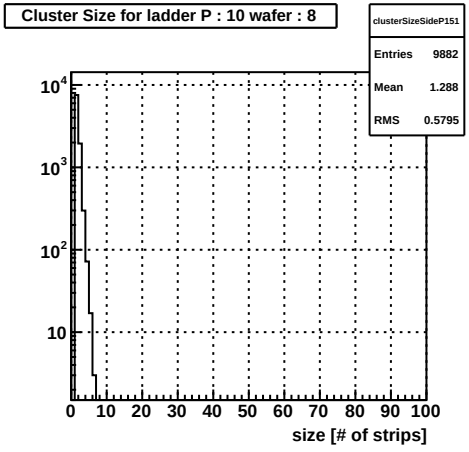

Cluster Size for ladder P : 10 wafer : 7
clusterSizeSideP150
Entries 9871
Mean 1.282
RMS 0.5797
size [# of strips]

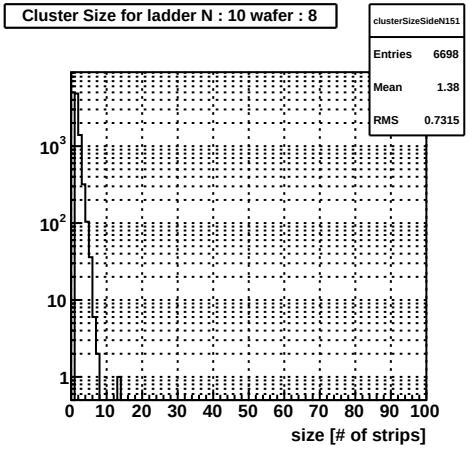

Cluster Size for ladder N : 10 wafer : 7
clusterSizeSideN150
Entries 7957
Mean 1.422
RMS 0.7416
size [# of strips]

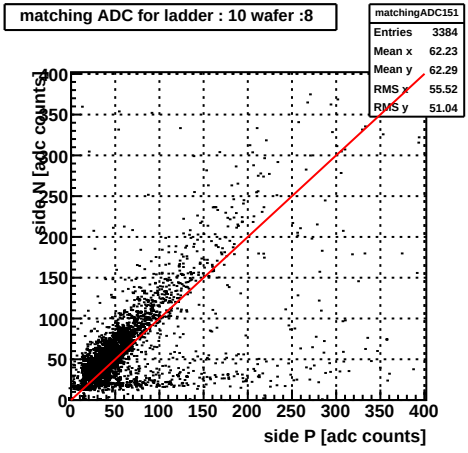

matching ADC for ladder : 10 wafer :7
matchingADC150
Entries 5458
Mean x 68.83
Mean y 71.91
RMS x 56.82
RMS y 57.02
side N [adc counts]
side P [adc counts]

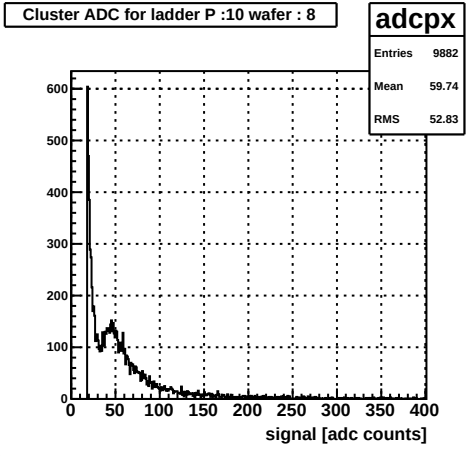

Cluster ADC for ladder P :10 wafer : 7
adcpx
Entries 9871
Mean 59.78
RMS 55.89
signal [adc counts]

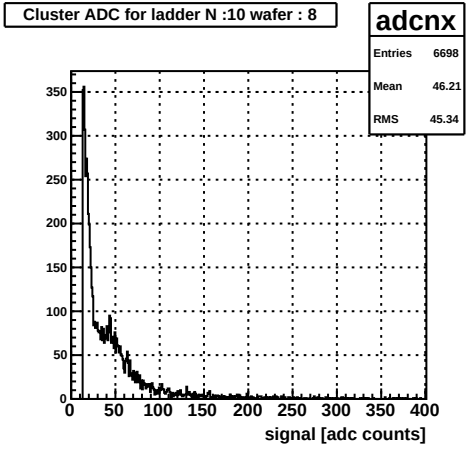

Cluster ADC for ladder N :10 wafer : 7
adcnx
Entries 7957
Mean 59.47
RMS 55.51
signal [adc counts]

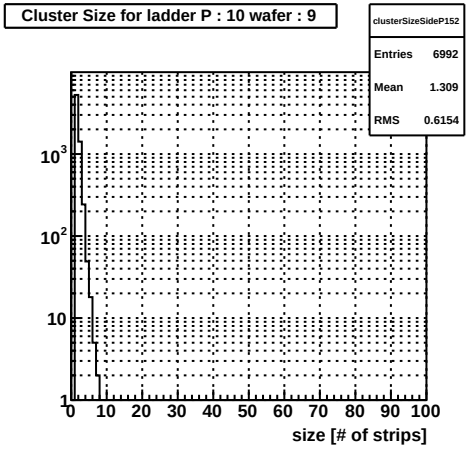

Cluster Size for ladder P : 10 wafer : 8
clusterSizeSideP151
Entries 9882
Mean 1.288
RMS 0.5795
size [# of strips]

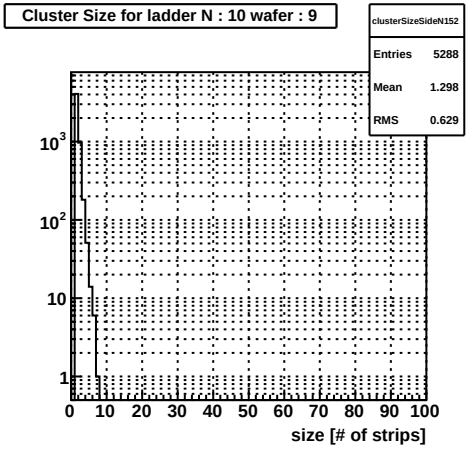

Cluster Size for ladder N : 10 wafer : 8
clusterSizeSideN151
Entries 6698
Mean 1.38
RMS 0.7315
size [# of strips]

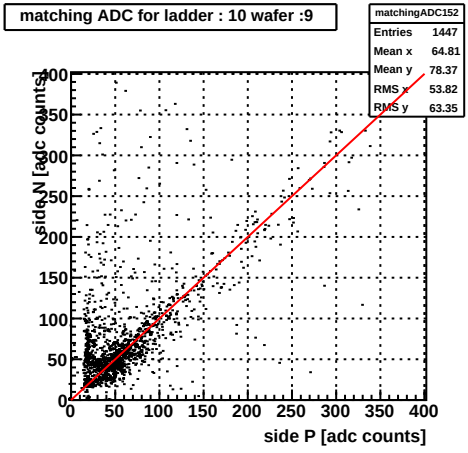

matching ADC for ladder : 10 wafer :8
matchingADC151
Entries 3384
Mean x 62.23
Mean y 62.29
RMS x 55.52
RMS y 51.04
side N [adc counts]
side P [adc counts]

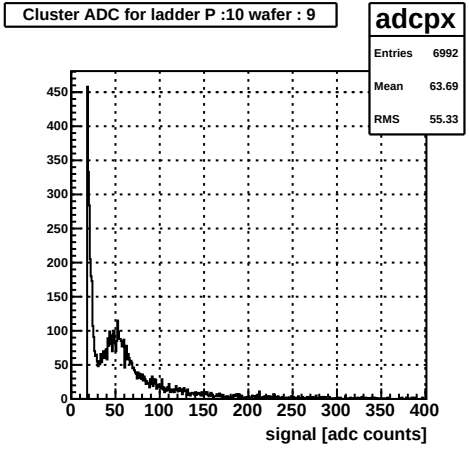

Cluster ADC for ladder P :10 wafer : 8
adcpx
Entries 9882
Mean 59.74
RMS 52.83
signal [adc counts]

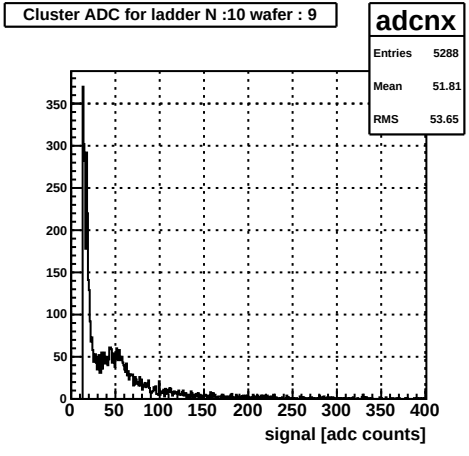

Cluster ADC for ladder N :10 wafer : 8
adcnx
Entries 6698
Mean 46.21
RMS 45.34
signal [adc counts]

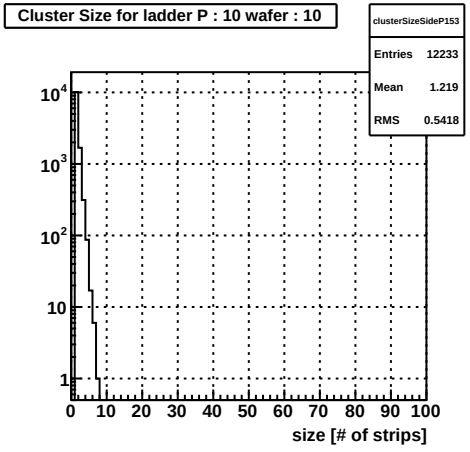

Cluster Size for ladder P : 10 wafer : 9
clusterSizeSideP152
Entries 6992
Mean 1.309
RMS 0.6154
size [# of strips]

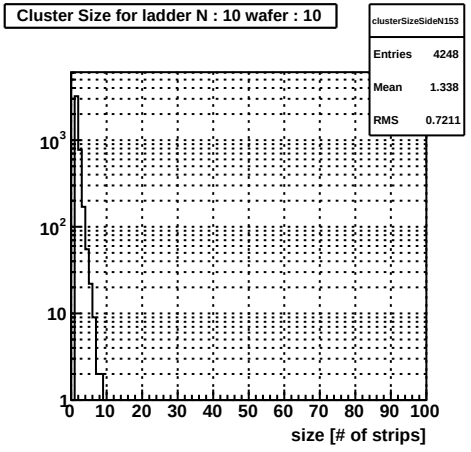

Cluster Size for ladder N : 10 wafer : 9
clusterSizeSideN152
Entries 5288
Mean 1.298
RMS 0.629
size [# of strips]

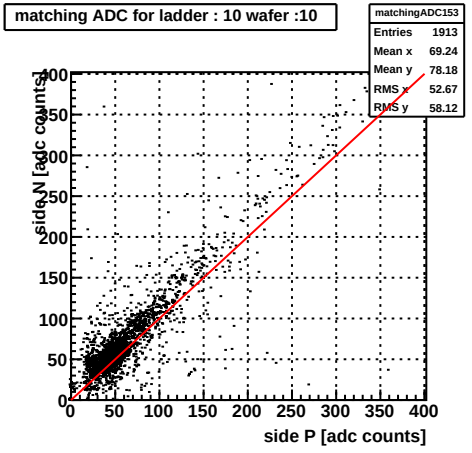

matching ADC for ladder : 10 wafer :9
matchingADC152
Entries 1447
Mean x 64.81
Mean y 78.37
RMS x 53.82
RMS y 63.35
side N [adc counts]
side P [adc counts]

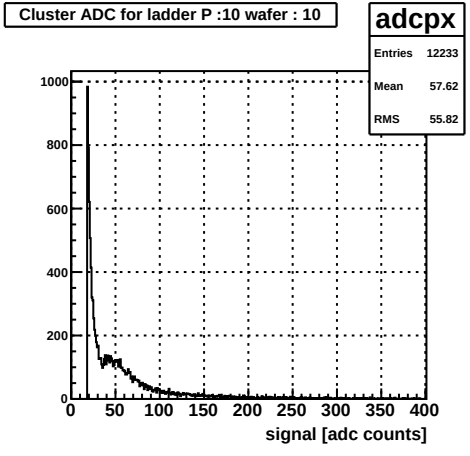

Cluster ADC for ladder P :10 wafer : 9
adcpx
Entries 6992
Mean 63.69
RMS 55.33
signal [adc counts]

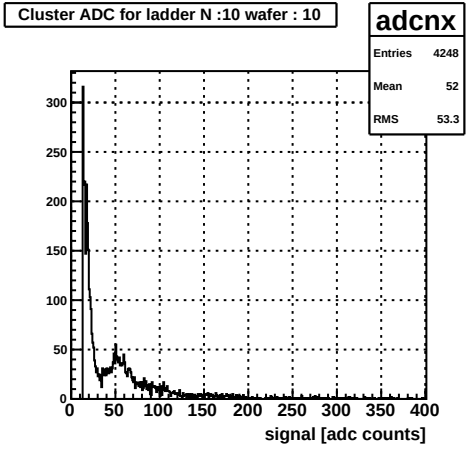

Cluster ADC for ladder N :10 wafer : 9
adcnx
Entries 5288
Mean 51.81
RMS 53.65
signal [adc counts]

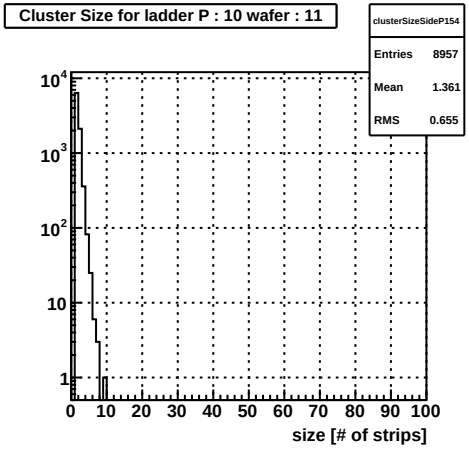

Cluster Size for ladder P : 10 wafer : 10
clusterSizeSideP153
Entries 12233
Mean 1.219
RMS 0.5418
size [# of strips]

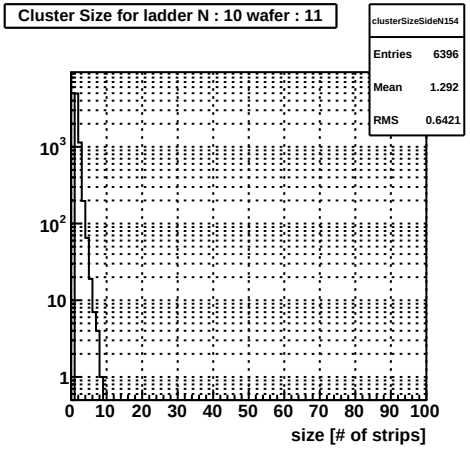

Cluster Size for ladder N : 10 wafer : 10
clusterSizeSideN153
Entries 4248
Mean 1.338
RMS 0.7211
size [# of strips]

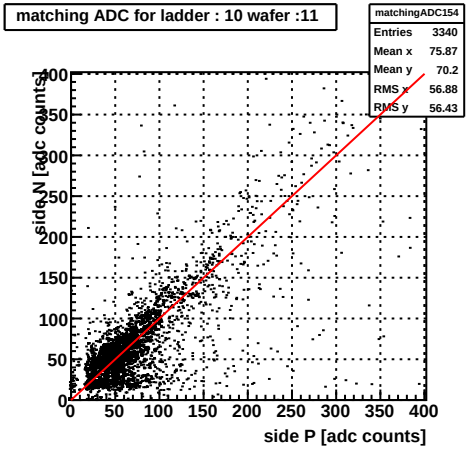

matching ADC for ladder : 10 wafer :10
matchingADC153
Entries 1913
Mean x 69.24
Mean y 78.18
RMS x 52.67
RMS y 58.12
side N [adc counts]
side P [adc counts]

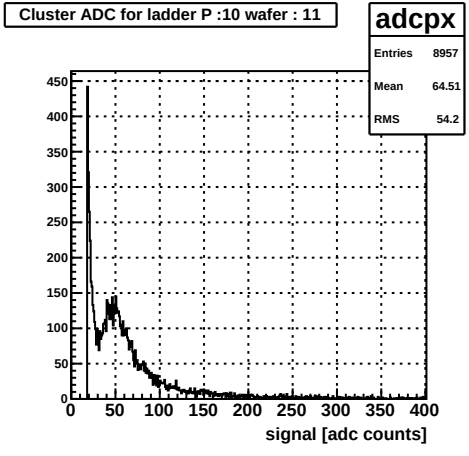

Cluster ADC for ladder P :10 wafer : 10
adcpx
Entries 12233
Mean 57.62
RMS 55.82
signal [adc counts]

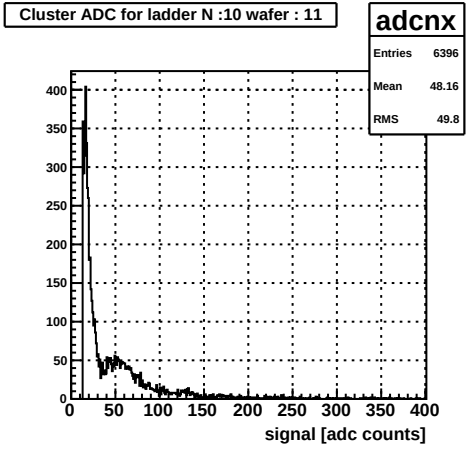

Cluster ADC for ladder N :10 wafer : 10
adcnx
Entries 4248
Mean 52
RMS 53.3
signal [adc counts]

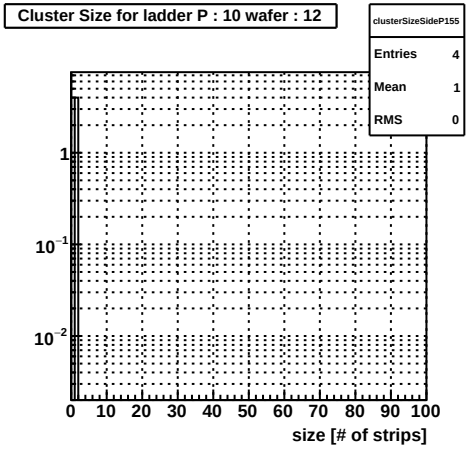

Cluster Size for ladder P : 10 wafer : 11
clusterSizeSideP154
Entries 8957
Mean 1.361
RMS 0.655
size [# of strips]

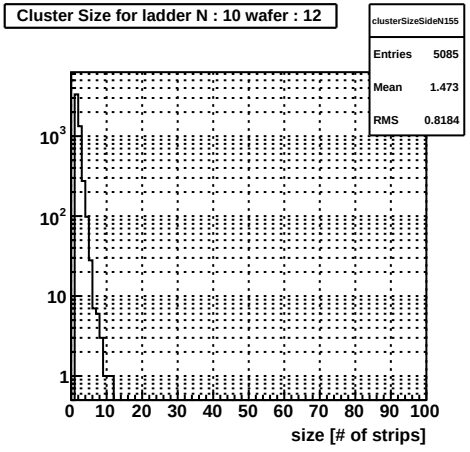

Cluster Size for ladder N : 10 wafer : 11
clusterSizeSideN154
Entries 6396
Mean 1.292
RMS 0.6421
size [# of strips]

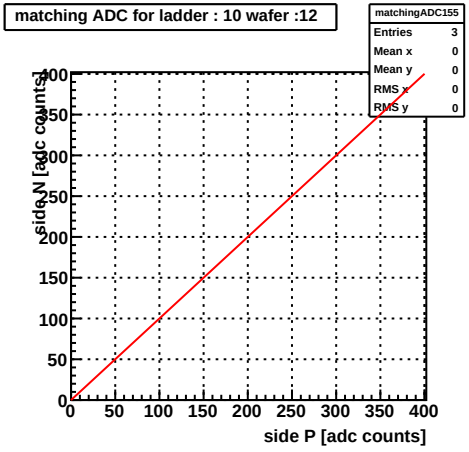

matching ADC for ladder : 10 wafer :11
matchingADC154
Entries 3340
Mean x 75.87
Mean y 70.2
RMS x 56.88
RMS y 56.43
side N [adc counts]
side P [adc counts]

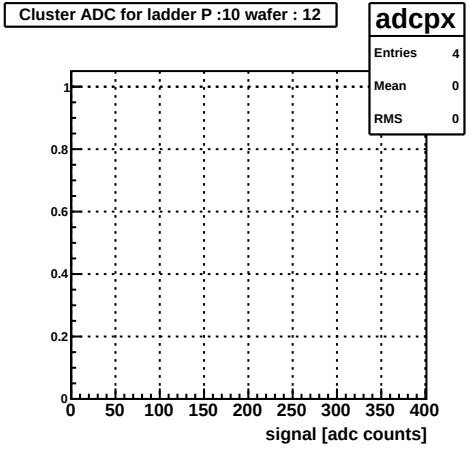

Cluster ADC for ladder P :10 wafer : 11
adcpx
Entries 8957
Mean 64.51
RMS 54.2
signal [adc counts]

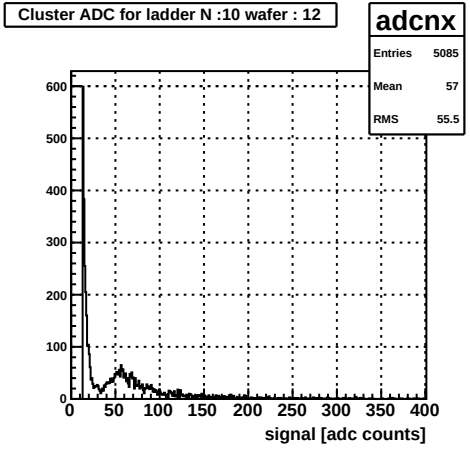

Cluster ADC for ladder N :10 wafer : 11
adcnx
Entries 6396
Mean 48.16
RMS 49.8
signal [adc counts]

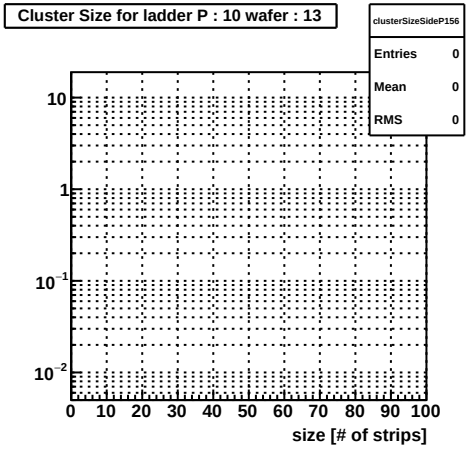

Cluster Size for ladder P : 10 wafer : 12
clusterSizeSideP155
Entries 4
Mean 1
RMS 0
size [# of strips]

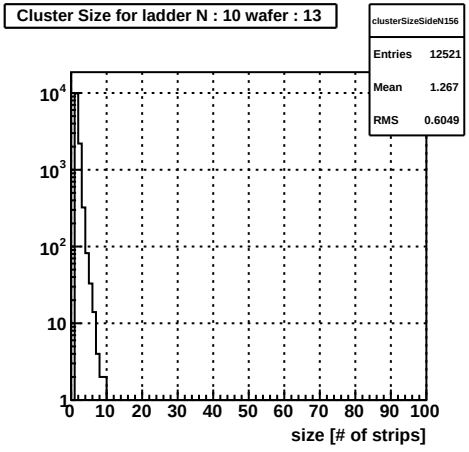

Cluster Size for ladder N : 10 wafer : 12
clusterSizeSideN155
Entries 5085
Mean 1.473
RMS 0.8184
size [# of strips]

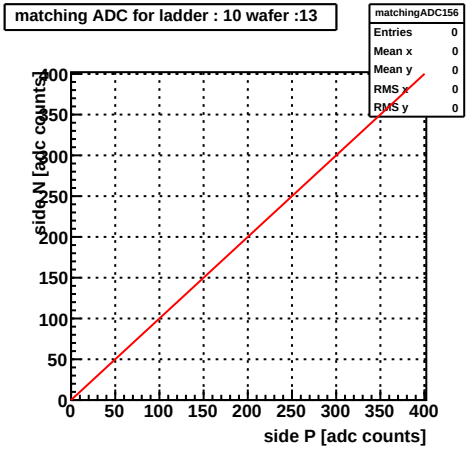

matching ADC for ladder : 10 wafer :12
matchingADC155
Entries 3
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

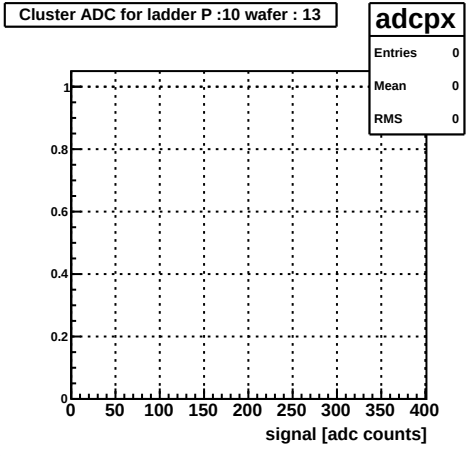

Cluster ADC for ladder P :10 wafer : 12
adcpx
Entries 4
Mean 0
RMS 0
signal [adc counts]

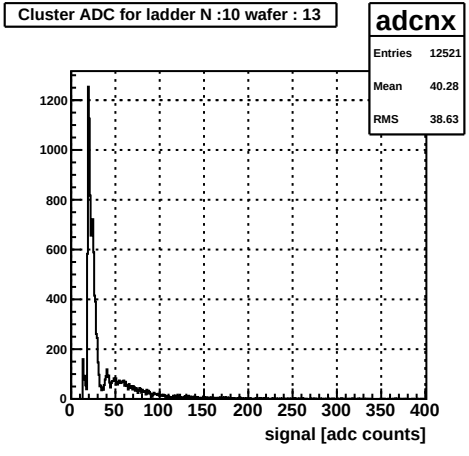

Cluster ADC for ladder N :10 wafer : 12
adcnx
Entries 5085
Mean 57
RMS 55.5
signal [adc counts]

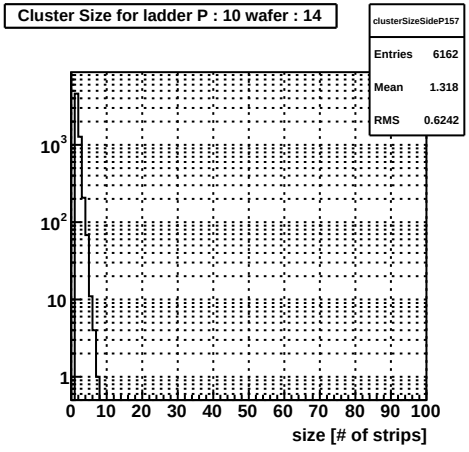

Cluster Size for ladder P : 10 wafer : 13
clusterSizeSideP156
Entries 0
Mean 0
RMS 0
size [# of strips]

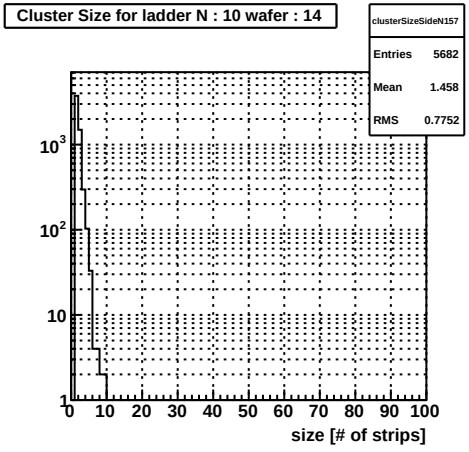

Cluster Size for ladder N : 10 wafer : 13
clusterSizeSideN156
Entries 12521
Mean 1.267
RMS 0.6049
size [# of strips]

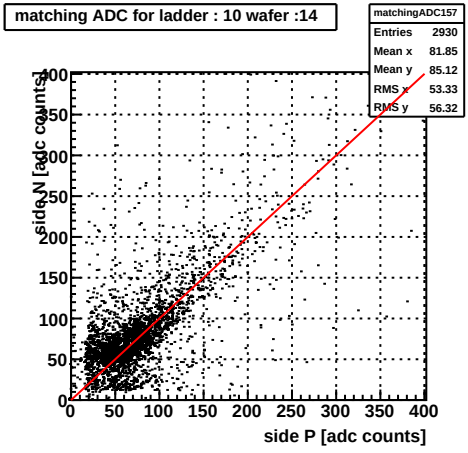

matching ADC for ladder : 10 wafer :13
matchingADC156
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

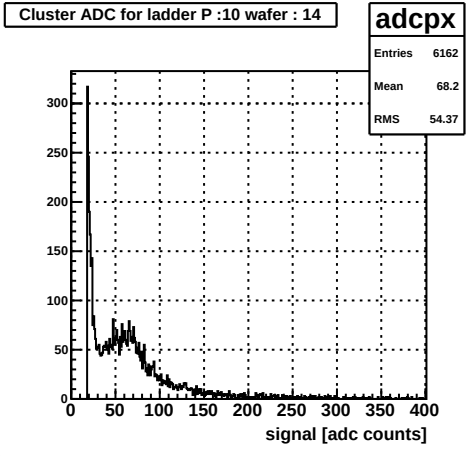

Cluster ADC for ladder P :10 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

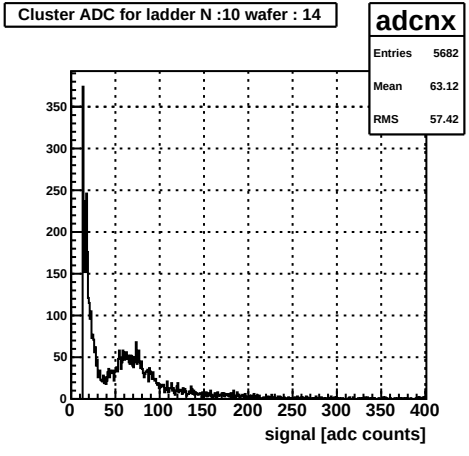

Cluster ADC for ladder N :10 wafer : 13
adcnx
Entries 12521
Mean 40.28
RMS 38.63
signal [adc counts]

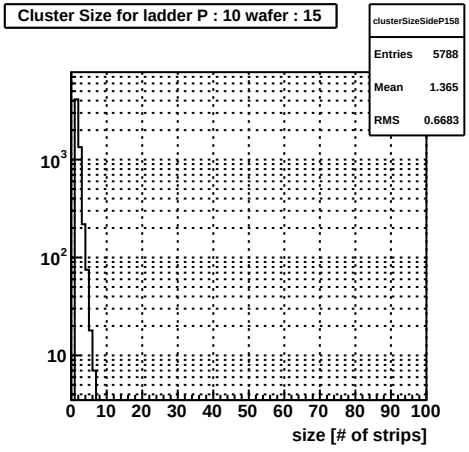

Cluster Size for ladder P : 10 wafer : 14
clusterSizeSideP157
Entries 6162
Mean 1.318
RMS 0.6242
size [# of strips]

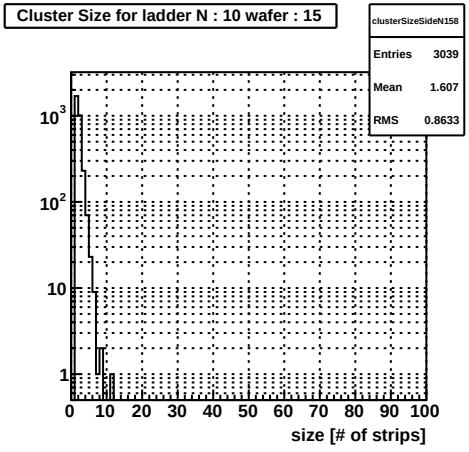

Cluster Size for ladder N : 10 wafer : 14
clusterSizeSideN157
Entries 5682
Mean 1.458
RMS 0.7752
size [# of strips]

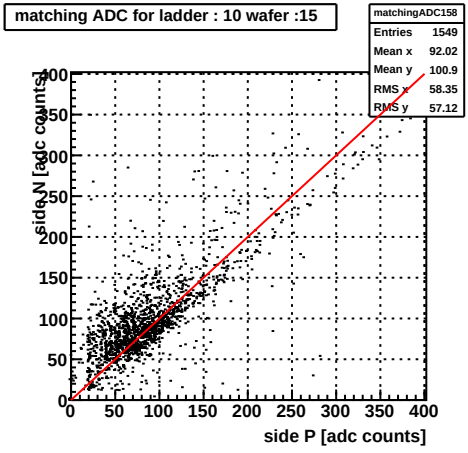

matching ADC for ladder : 10 wafer :14
matchingADC157
Entries 2930
Mean x 81.85
Mean y 85.12
RMS x 53.33
RMS y 56.32
side N [adc counts]
side P [adc counts]

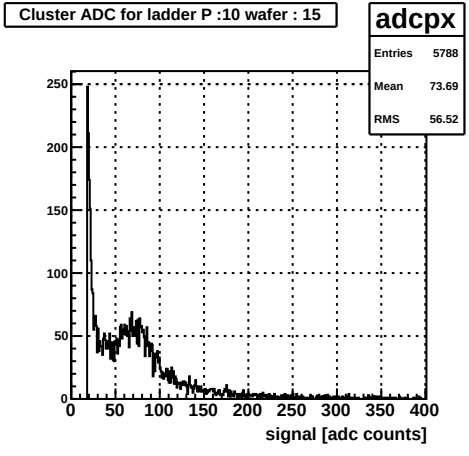

Cluster ADC for ladder P :10 wafer : 14
adcpx
Entries 6162
Mean 68.2
RMS 54.37
signal [adc counts]

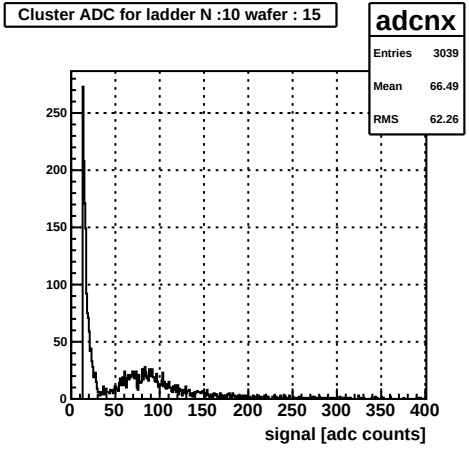

Cluster ADC for ladder N :10 wafer : 14
adcnx
Entries 5682
Mean 63.12
RMS 57.42
signal [adc counts]

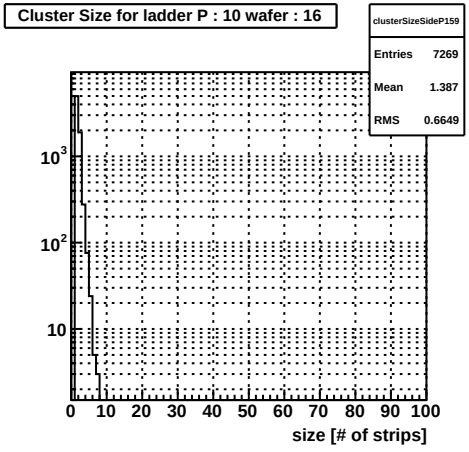

Cluster Size for ladder P : 10 wafer : 15
clusterSizeSideP158
Entries 5788
Mean 1.365
RMS 0.6683
size [# of strips]

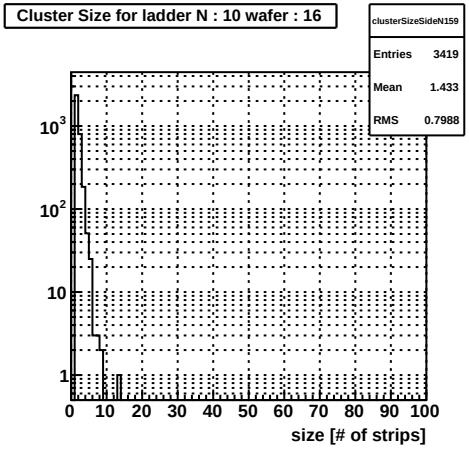

Cluster Size for ladder N : 10 wafer : 15
clusterSizeSideN158
Entries 3039
Mean 1.607
RMS 0.8633
size [# of strips]

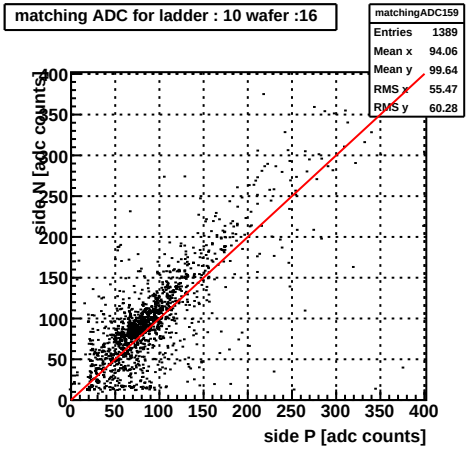

matching ADC for ladder : 10 wafer :15
matchingADC158
Entries 1549
Mean x 92.02
Mean y 100.9
RMS x 58.35
RMS y 57.12
side N [adc counts]
side P [adc counts]

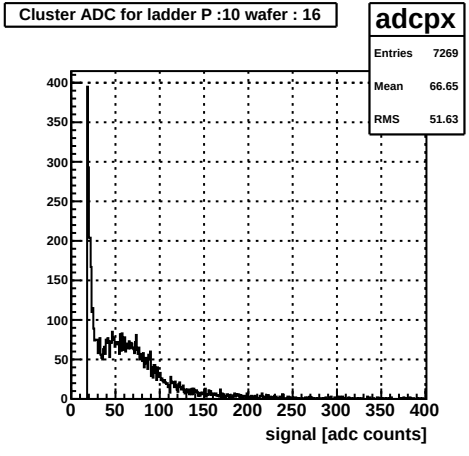

Cluster ADC for ladder P :10 wafer : 15
adcpx
Entries 5788
Mean 73.69
RMS 56.52
signal [adc counts]

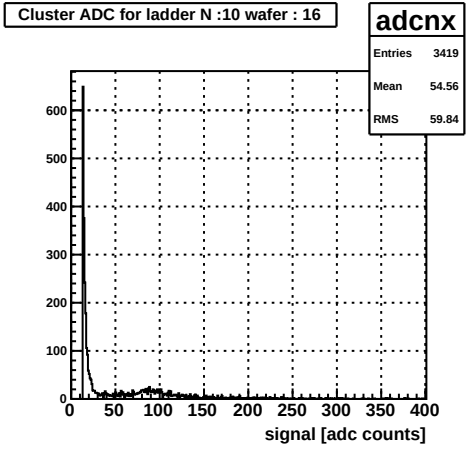

Cluster ADC for ladder N :10 wafer : 15
adcnx
Entries 3039
Mean 66.49
RMS 62.26
signal [adc counts]

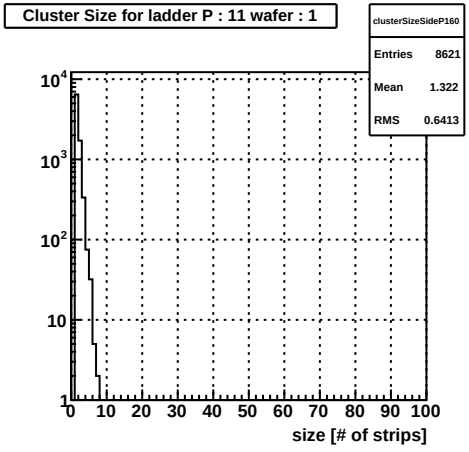

Cluster Size for ladder P : 10 wafer : 16
clusterSizeSideP159
Entries 7269
Mean 1.387
RMS 0.6649
size [# of strips]

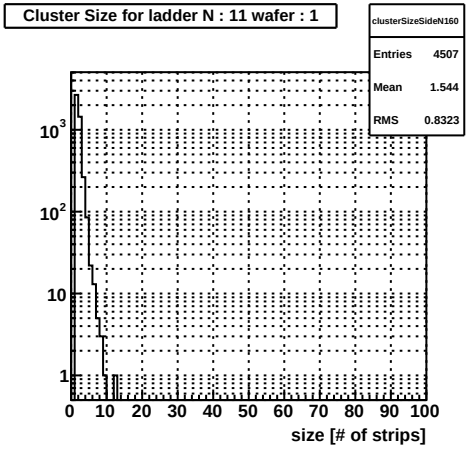

Cluster Size for ladder N : 10 wafer : 16
clusterSizeSideN159
Entries 3419
Mean 1.433
RMS 0.7988
size [# of strips]

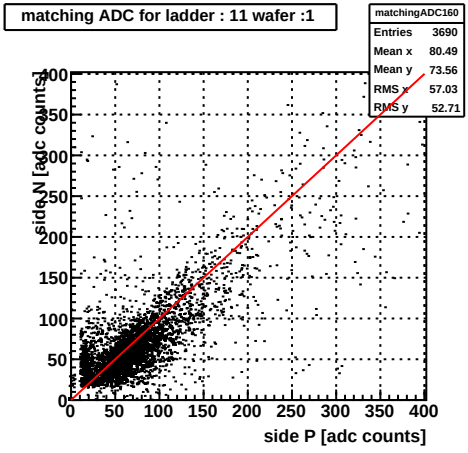

matching ADC for ladder : 10 wafer :16
matchingADC159
Entries 1389
Mean x 94.06
Mean y 99.64
RMS x 55.47
RMS y 60.28
side N [adc counts]
side P [adc counts]

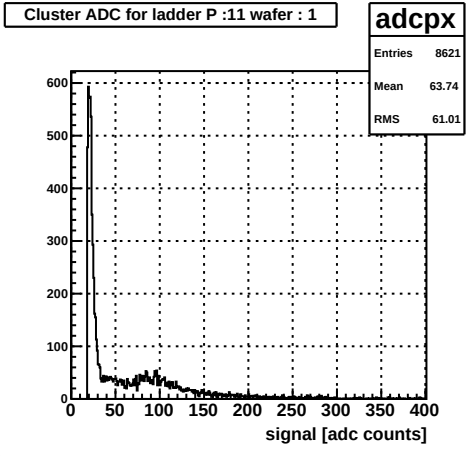

Cluster ADC for ladder P :10 wafer : 16
adcpx
Entries 7269
Mean 66.65
RMS 51.63
signal [adc counts]

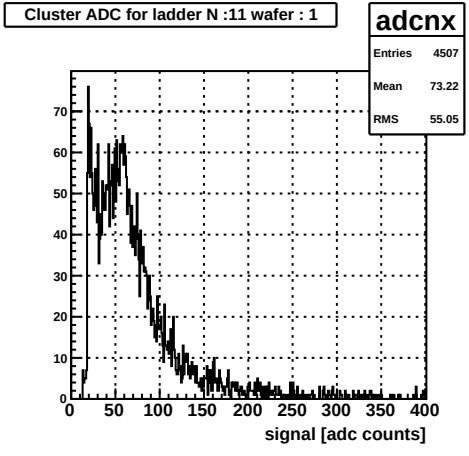

Cluster ADC for ladder N :10 wafer : 16
adcnx
Entries 3419
Mean 54.56
RMS 59.84
signal [adc counts]

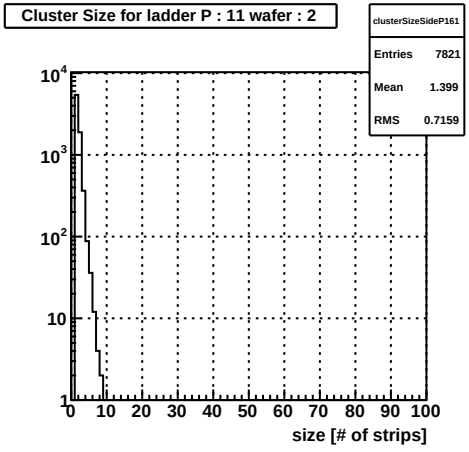

Cluster Size for ladder P : 11 wafer : 1
clusterSizeSideP160
Entries 8621
Mean 1.322
RMS 0.6413
size [# of strips]

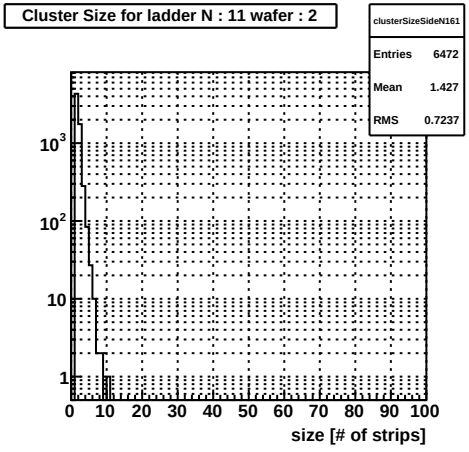

Cluster Size for ladder N : 11 wafer : 1
clusterSizeSideN160
Entries 4507
Mean 1.544
RMS 0.8323
size [# of strips]

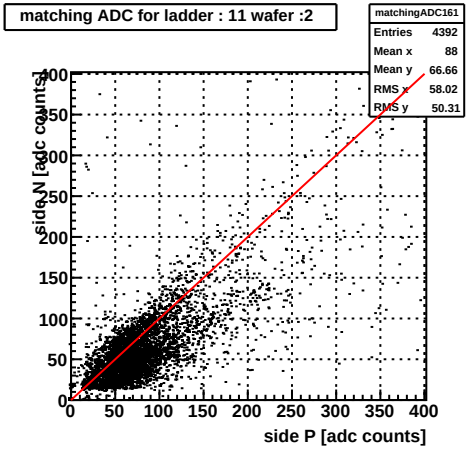

matching ADC for ladder : 11 wafer :1
matchingADC160
Entries 3690
Mean x 80.49
Mean y 73.56
RMS x 57.03
RMS y 52.71
side N [adc counts]
side P [adc counts]

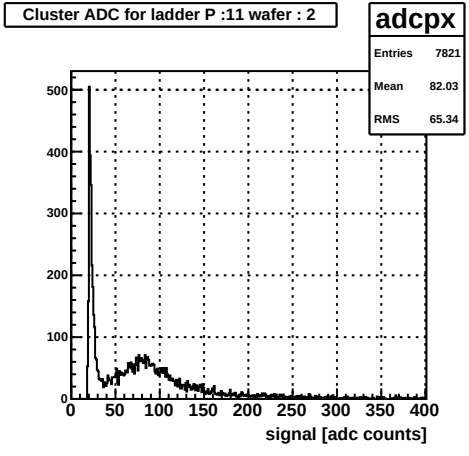

Cluster ADC for ladder P :11 wafer : 1
adcpx
Entries 8621
Mean 63.74
RMS 61.01
signal [adc counts]

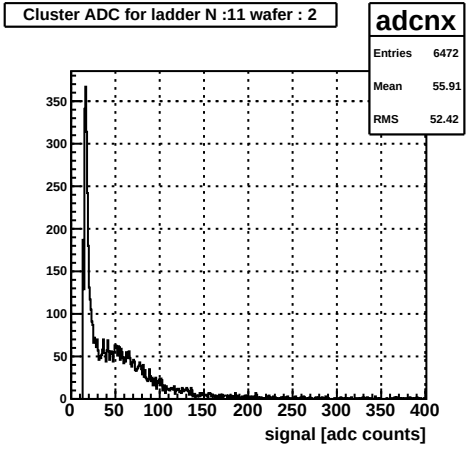

Cluster ADC for ladder N :11 wafer : 1
adcnx
Entries 4507
Mean 73.22
RMS 55.05
signal [adc counts]

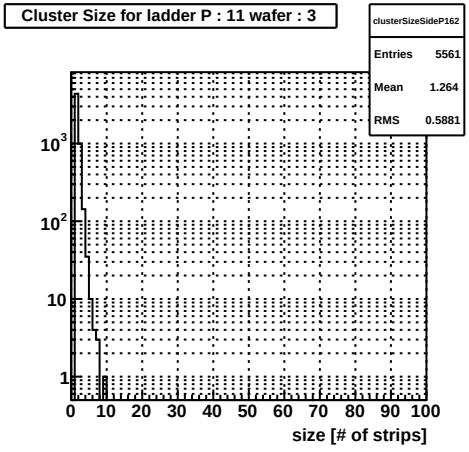

Cluster Size for ladder P : 11 wafer : 2
clusterSizeSideP161
Entries 7821
Mean 1.399
RMS 0.7159
size [# of strips]

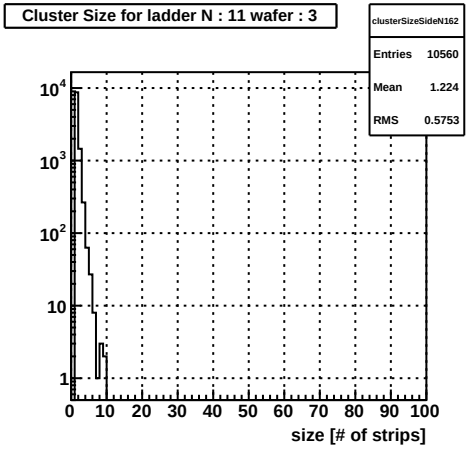

Cluster Size for ladder N : 11 wafer : 2
clusterSizeSideN161
Entries 6472
Mean 1.427
RMS 0.7237
size [# of strips]

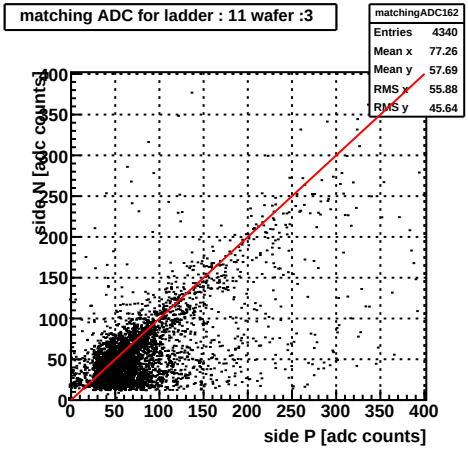

matching ADC for ladder : 11 wafer :2
matchingADC161
Entries 4392
Mean x 88
Mean y 66.66
RMS x 58.02
RMS y 50.31
side N [adc counts]
side P [adc counts]

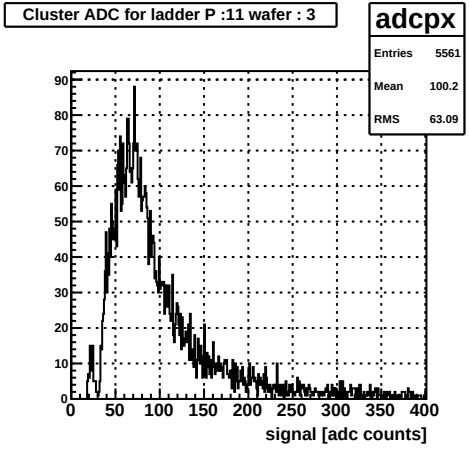

Cluster ADC for ladder P :11 wafer : 2
adcpx
Entries 7821
Mean 82.03
RMS 65.34
signal [adc counts]

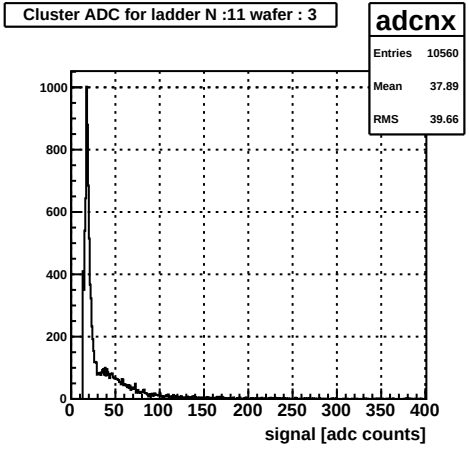

Cluster ADC for ladder N :11 wafer : 2
adcnx
Entries 6472
Mean 55.91
RMS 52.42
signal [adc counts]

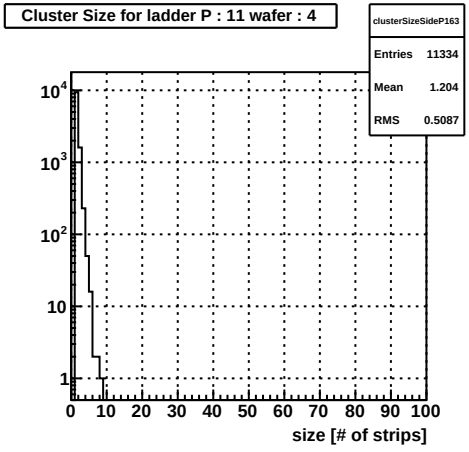

Cluster Size for ladder P : 11 wafer : 3
clusterSizeSideP162
Entries 5561
Mean 1.264
RMS 0.5881
size [# of strips]

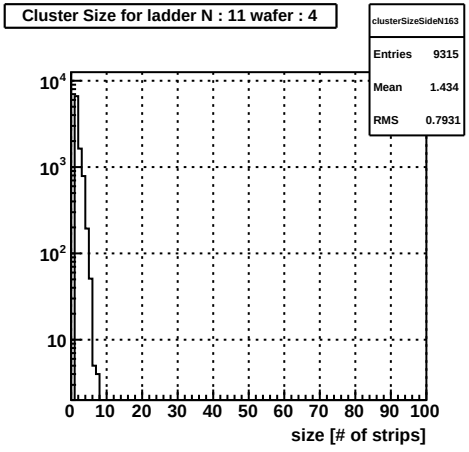

Cluster Size for ladder N : 11 wafer : 3
clusterSizeSideN162
Entries 10560
Mean 1.224
RMS 0.5753
size [# of strips]

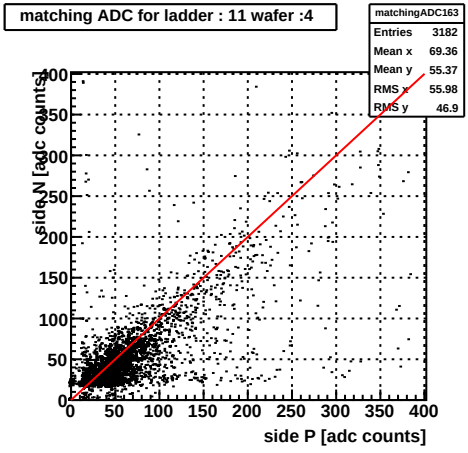

matching ADC for ladder : 11 wafer :3
matchingADC162
Entries 4340
Mean x 77.26
Mean y 57.69
RMS x 55.88
RMS y 45.64
side N [adc counts]
side P [adc counts]

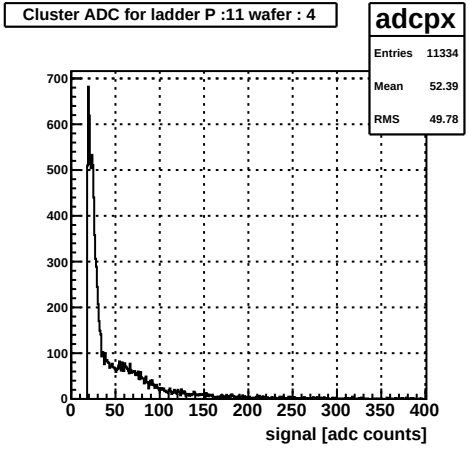

Cluster ADC for ladder P :11 wafer : 3
adcpx
Entries 5561
Mean 100.2
RMS 63.09
signal [adc counts]

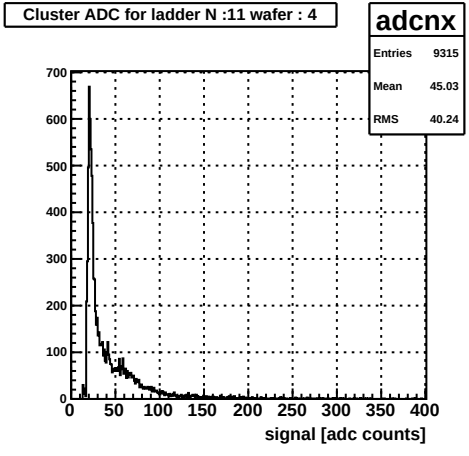

Cluster ADC for ladder N :11 wafer : 3
adcnx
Entries 10560
Mean 37.89
RMS 39.66
signal [adc counts]

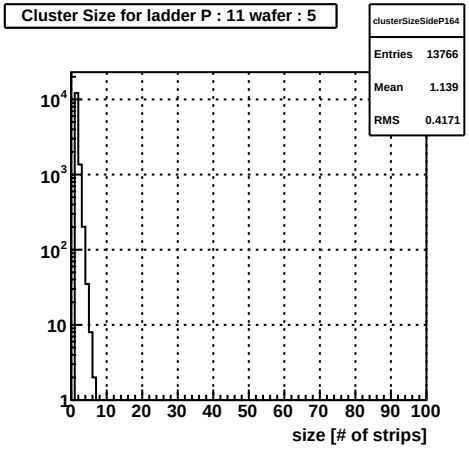

Cluster Size for ladder P : 11 wafer : 4
clusterSizeSideP163
Entries 11334
Mean 1.204
RMS 0.5087
size [# of strips]

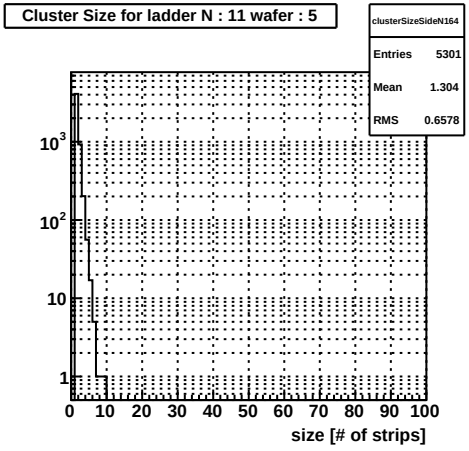

Cluster Size for ladder N : 11 wafer : 4
clusterSizeSideN163
Entries 9315
Mean 1.434
RMS 0.7931
size [# of strips]

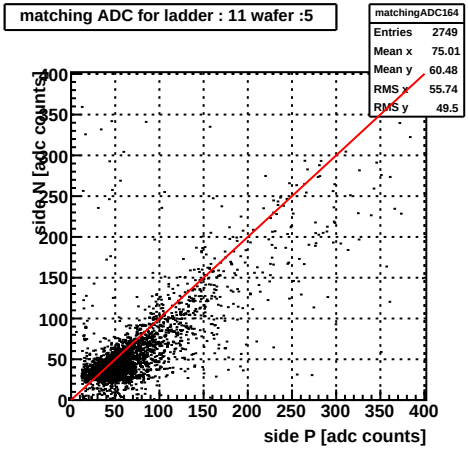

matching ADC for ladder : 11 wafer :4
matchingADC163
Entries 3182
Mean x 69.36
Mean y 55.37
RMS x 55.98
RMS y 46.9
side N [adc counts]
side P [adc counts]

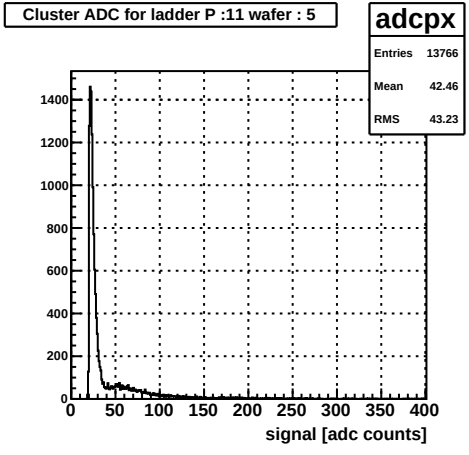

Cluster ADC for ladder P :11 wafer : 4
adcpx
Entries 11334
Mean 52.39
RMS 49.78
signal [adc counts]

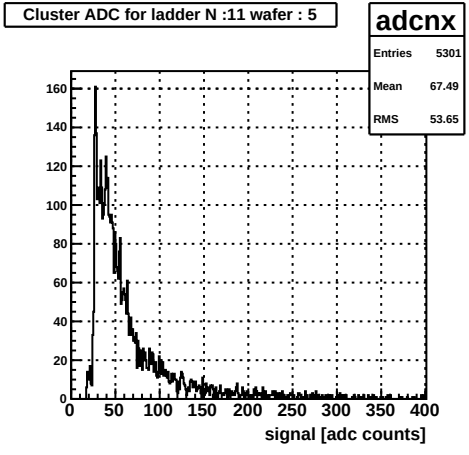

Cluster ADC for ladder N :11 wafer : 4
adcnx
Entries 9315
Mean 45.03
RMS 40.24
signal [adc counts]

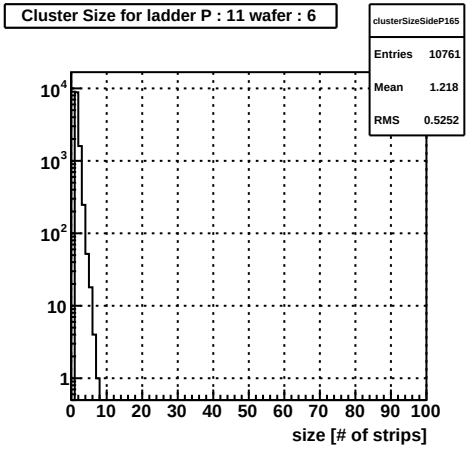

Cluster Size for ladder P : 11 wafer : 5
clusterSizeSideP164
Entries 13766
Mean 1.139
RMS 0.4171
size [# of strips]

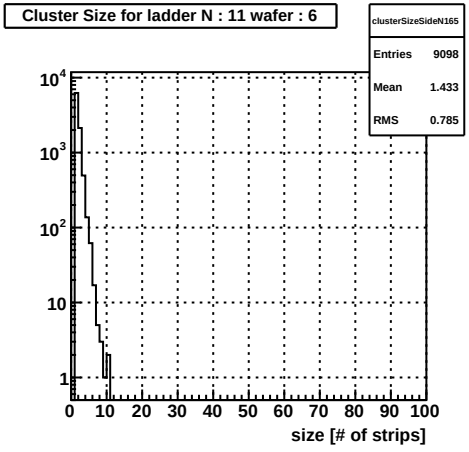

Cluster Size for ladder N : 11 wafer : 5
clusterSizeSideN164
Entries 5301
Mean 1.304
RMS 0.6578
size [# of strips]

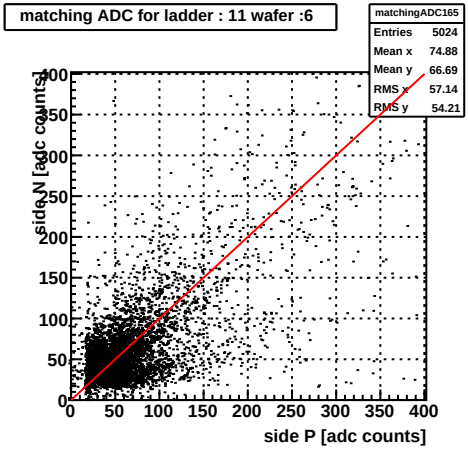

matching ADC for ladder : 11 wafer :5
matchingADC164
Entries 2749
Mean x 75.01
Mean y 60.48
RMS x 55.74
RMS y 49.5
side N [adc counts]
side P [adc counts]

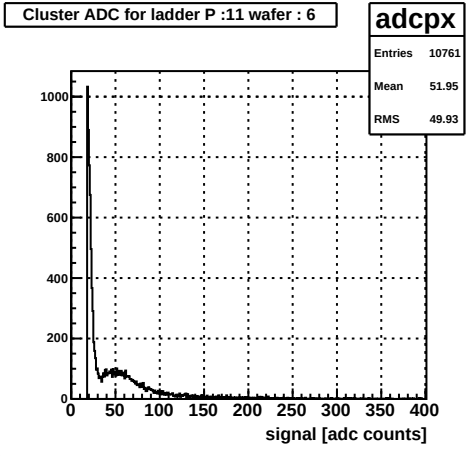

Cluster ADC for ladder P :11 wafer : 5
adcpx
Entries 13766
Mean 42.46
RMS 43.23
signal [adc counts]

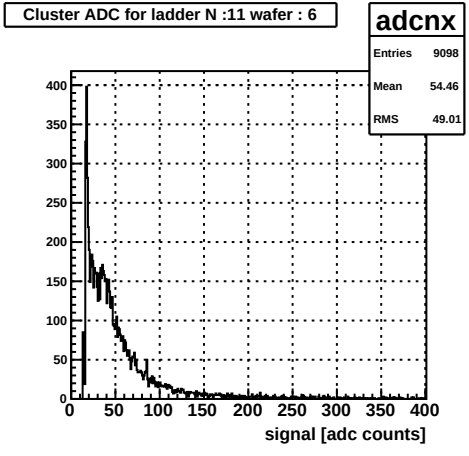

Cluster ADC for ladder N :11 wafer : 5
adcnx
Entries 5301
Mean 67.49
RMS 53.65
signal [adc counts]

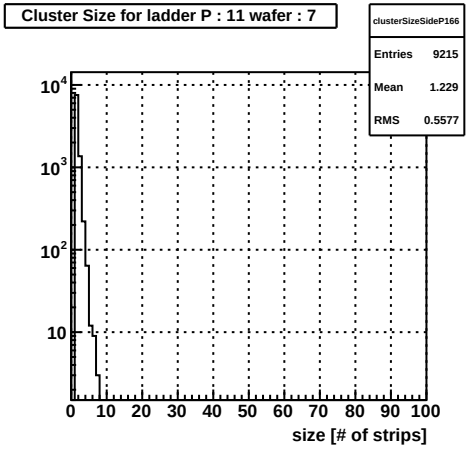

Cluster Size for ladder P : 11 wafer : 6
clusterSizeSideP165
Entries 10761
Mean 1.218
RMS 0.5252
size [# of strips]

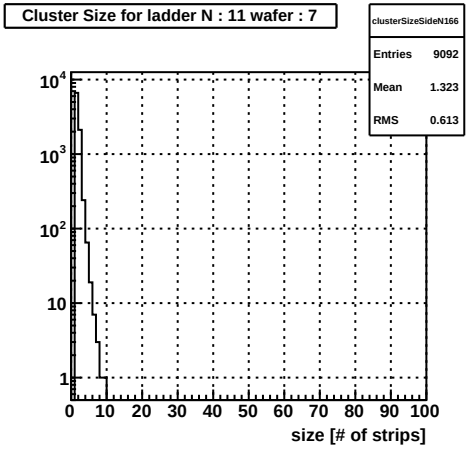

Cluster Size for ladder N : 11 wafer : 6
clusterSizeSideN165
Entries 9098
Mean 1.433
RMS 0.785
size [# of strips]

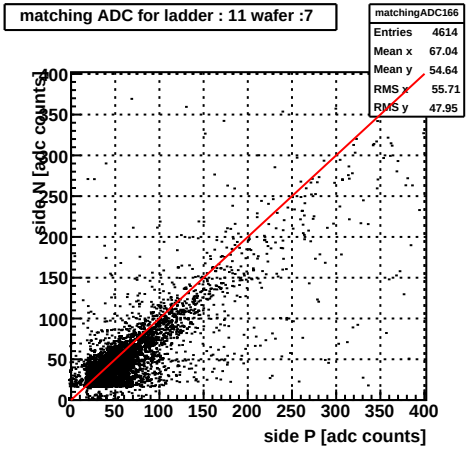

matching ADC for ladder : 11 wafer :6
matchingADC165
Entries 5024
Mean x 74.88
Mean y 66.69
RMS x 57.14
RMS y 54.21
side N [adc counts]
side P [adc counts]

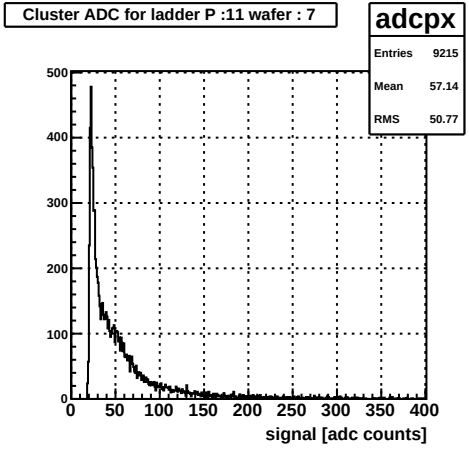

Cluster ADC for ladder P :11 wafer : 6
adcpx
Entries 10761
Mean 51.95
RMS 49.93
signal [adc counts]

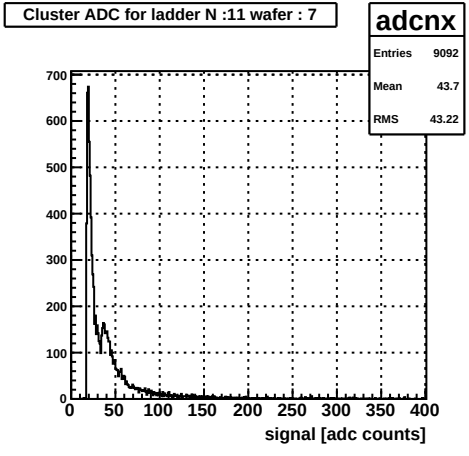

Cluster ADC for ladder N :11 wafer : 6
adcnx
Entries 9098
Mean 54.46
RMS 49.01
signal [adc counts]

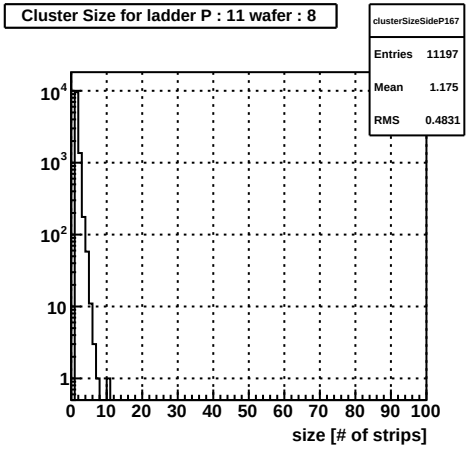

Cluster Size for ladder P : 11 wafer : 7
clusterSizeSideP166
Entries 9215
Mean 1.229
RMS 0.5577
size [# of strips]

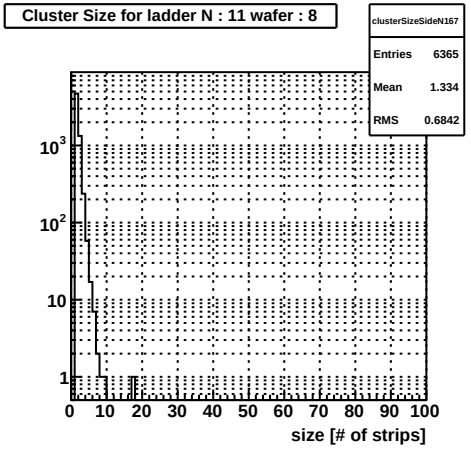

Cluster Size for ladder N : 11 wafer : 7
clusterSizeSideN166
Entries 9092
Mean 1.323
RMS 0.613
size [# of strips]

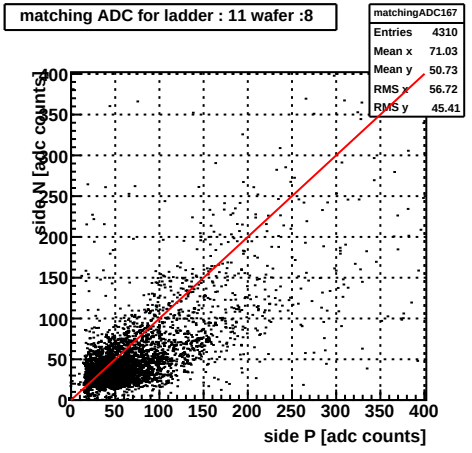

matching ADC for ladder : 11 wafer :7
matchingADC166
Entries 4614
Mean x 67.04
Mean y 54.64
RMS x 55.71
RMS y 47.95
side N [adc counts]
side P [adc counts]

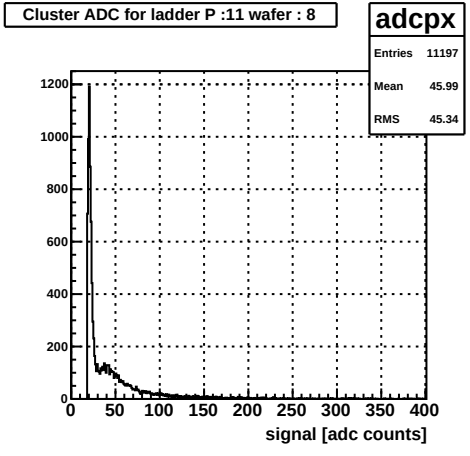

Cluster ADC for ladder P :11 wafer : 7
adcpx
Entries 9215
Mean 57.14
RMS 50.77
signal [adc counts]

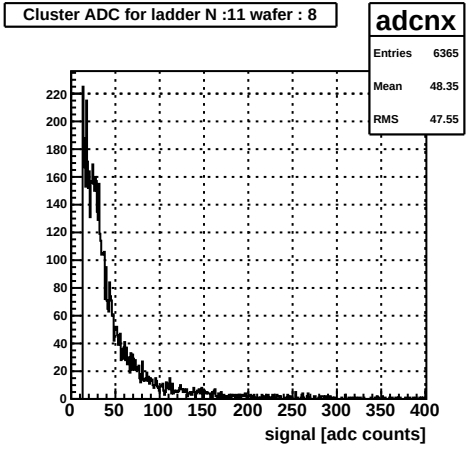

Cluster ADC for ladder N :11 wafer : 7
adcnx
Entries 9092
Mean 43.7
RMS 43.22
signal [adc counts]

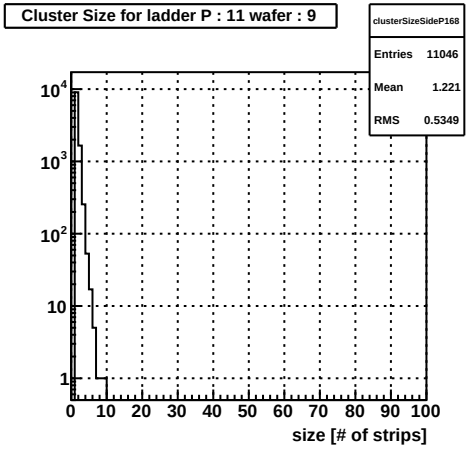

Cluster Size for ladder P : 11 wafer : 8
clusterSizeSideP167
Entries 11197
Mean 1.175
RMS 0.4831
size [# of strips]

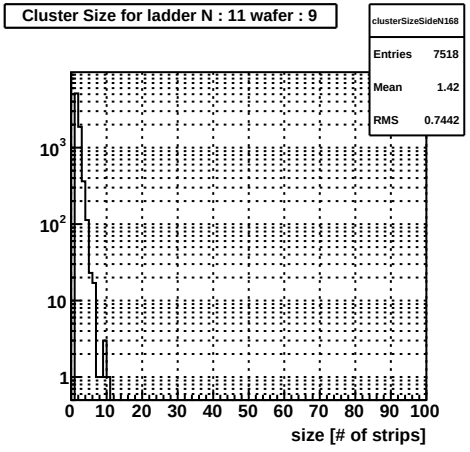

Cluster Size for ladder N : 11 wafer : 8
clusterSizeSideN167
Entries 6365
Mean 1.334
RMS 0.6842
size [# of strips]

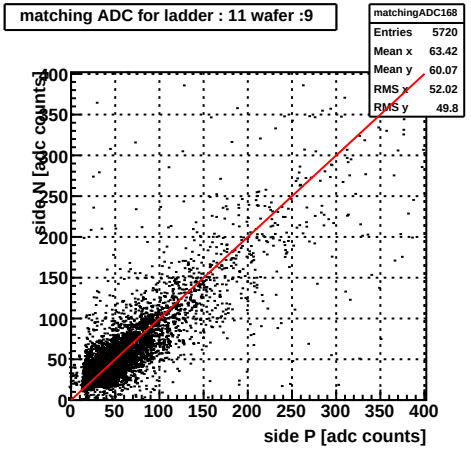

matching ADC for ladder : 11 wafer :8
matchingADC167
Entries 4310
Mean x 71.03
Mean y 50.73
RMS x 56.72
RMS y 45.41
side N [adc counts]
side P [adc counts]

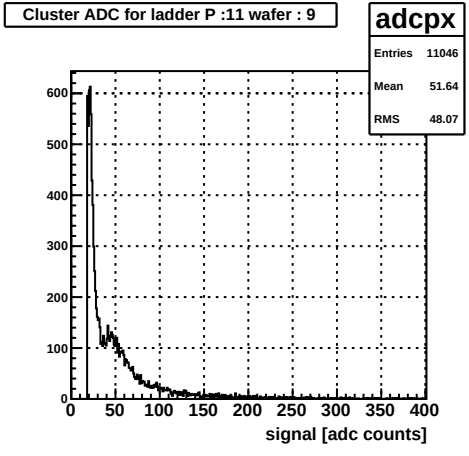

Cluster ADC for ladder P :11 wafer : 8
adcpx
Entries 11197
Mean 45.99
RMS 45.34
signal [adc counts]

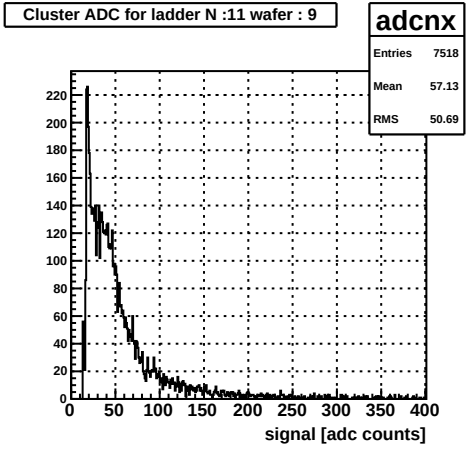

Cluster ADC for ladder N :11 wafer : 8
adcnx
Entries 6365
Mean 48.35
RMS 47.55
signal [adc counts]

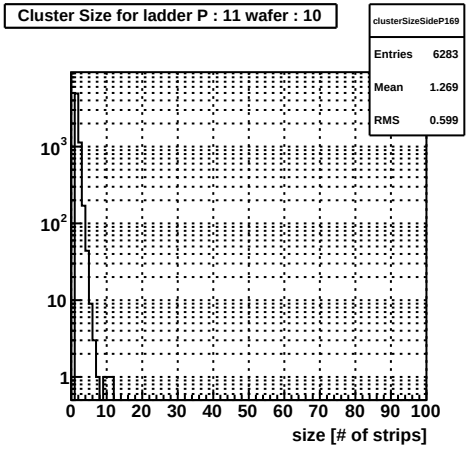

Cluster Size for ladder P : 11 wafer : 9
clusterSizeSideP168
Entries 11046
Mean 1.221
RMS 0.5349
size [# of strips]

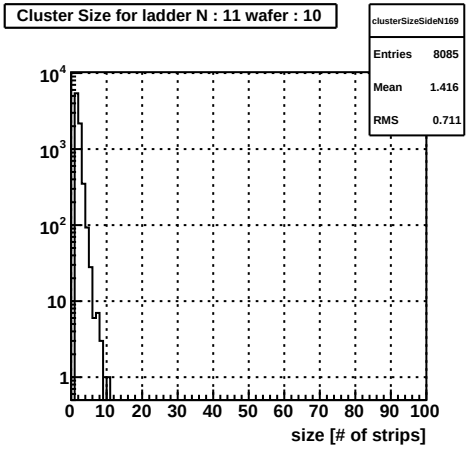

Cluster Size for ladder N : 11 wafer : 9
clusterSizeSideN168
Entries 7518
Mean 1.42
RMS 0.7442
size [# of strips]

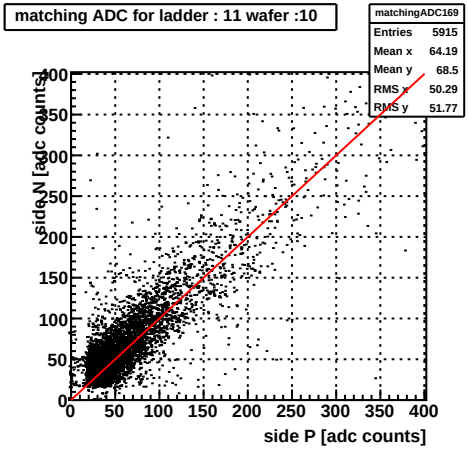

matching ADC for ladder : 11 wafer :9
matchingADC168
Entries 5720
Mean x 63.42
Mean y 60.07
RMS x 52.02
RMS y 49.8
side N [adc counts]
side P [adc counts]

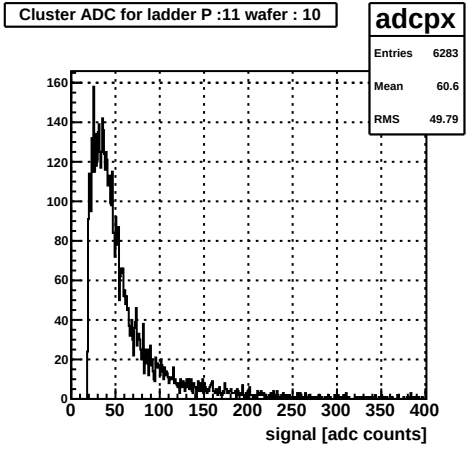

Cluster ADC for ladder P :11 wafer : 9
adcpx
Entries 11046
Mean 51.64
RMS 48.07
signal [adc counts]

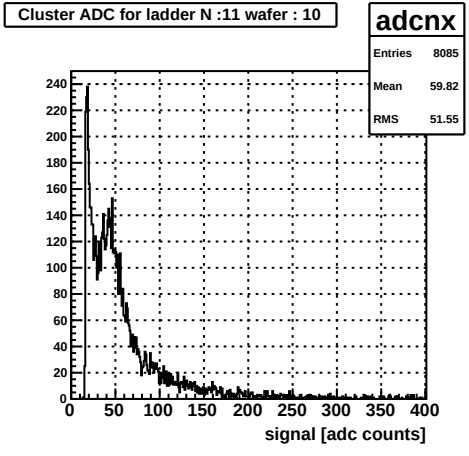

Cluster ADC for ladder N :11 wafer : 9
adcnx
Entries 7518
Mean 57.13
RMS 50.69
signal [adc counts]

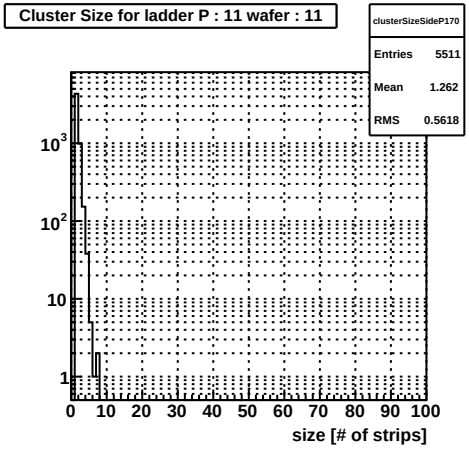

Cluster Size for ladder P : 11 wafer : 10
clusterSizeSideP169
Entries 6283
Mean 1.269
RMS 0.599
size [# of strips]

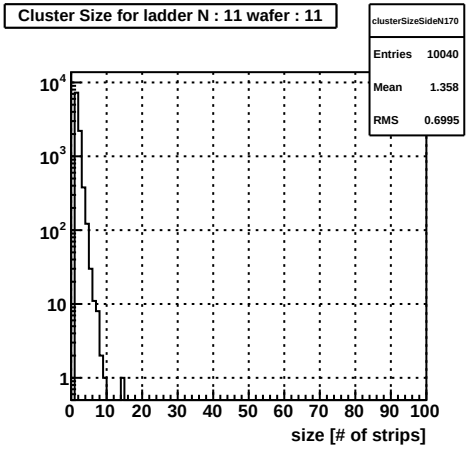

Cluster Size for ladder N : 11 wafer : 10
clusterSizeSideN169
Entries 8085
Mean 1.416
RMS 0.711
size [# of strips]

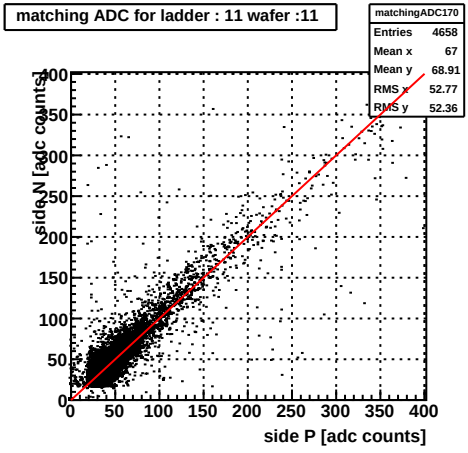

matching ADC for ladder : 11 wafer :10
matchingADC169
Entries 5915
Mean x 64.19
Mean y 68.5
RMS x 50.29
RMS y 51.77
side N [adc counts]
side P [adc counts]

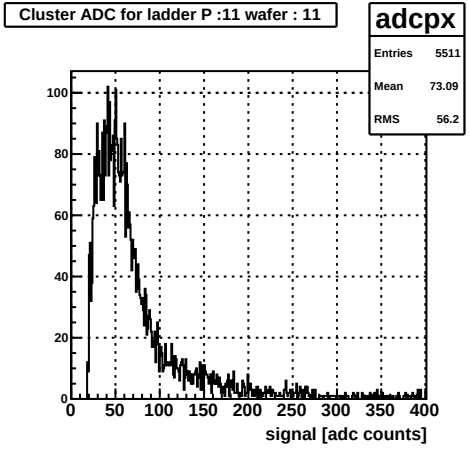

Cluster ADC for ladder P :11 wafer : 10
adcpx
Entries 6283
Mean 60.6
RMS 49.79
signal [adc counts]

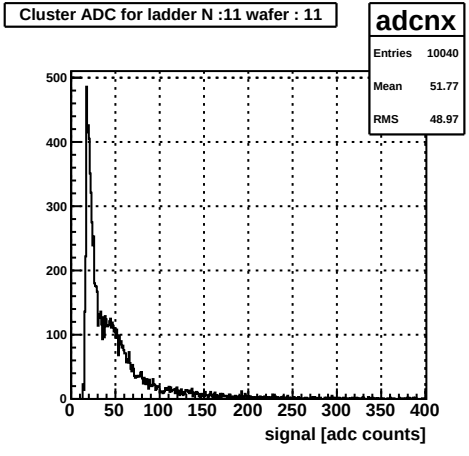

Cluster ADC for ladder N :11 wafer : 10
adcnx
Entries 8085
Mean 59.82
RMS 51.55
signal [adc counts]

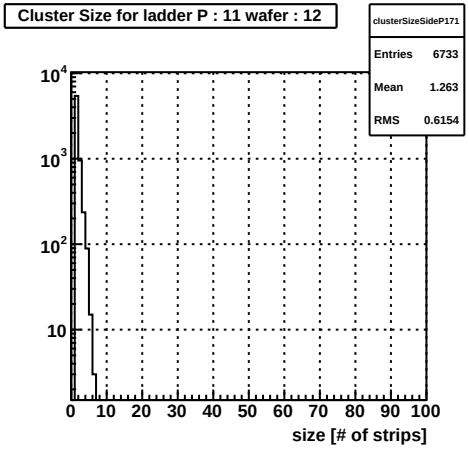

Cluster Size for ladder P : 11 wafer : 11
clusterSizeSideP170
Entries 5511
Mean 1.262
RMS 0.5618
size [# of strips]

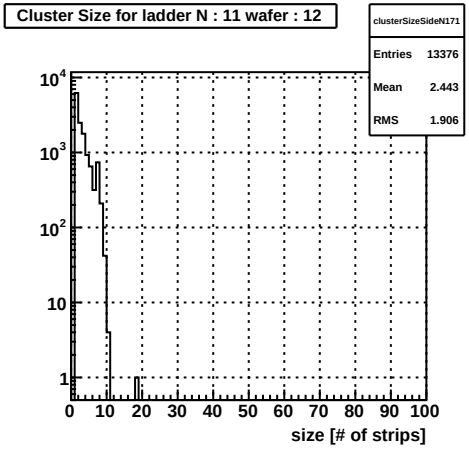

Cluster Size for ladder N : 11 wafer : 11
clusterSizeSideN170
Entries 10040
Mean 1.358
RMS 0.6995
size [# of strips]

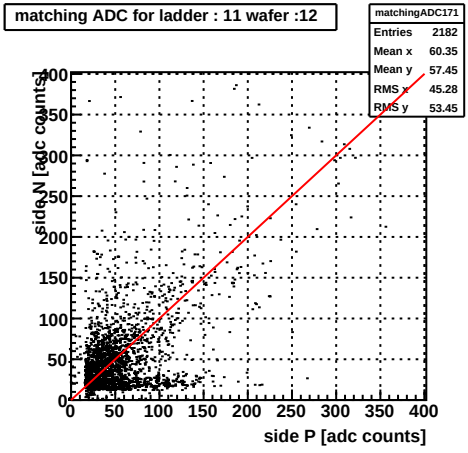

matching ADC for ladder : 11 wafer :11
matchingADC170
Entries 4658
Mean x 67
Mean y 68.91
RMS x 52.77
RMS y 52.36
side N [adc counts]
side P [adc counts]

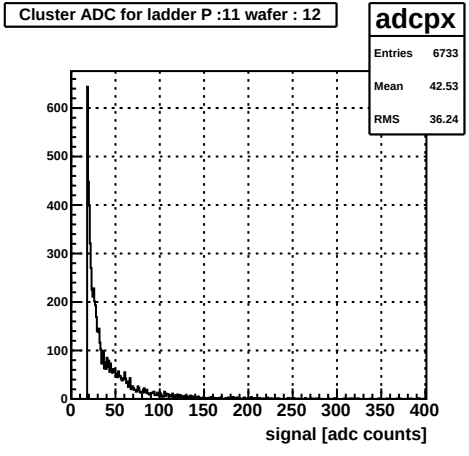

Cluster ADC for ladder P :11 wafer : 11
adcpx
Entries 5511
Mean 73.09
RMS 56.2
signal [adc counts]

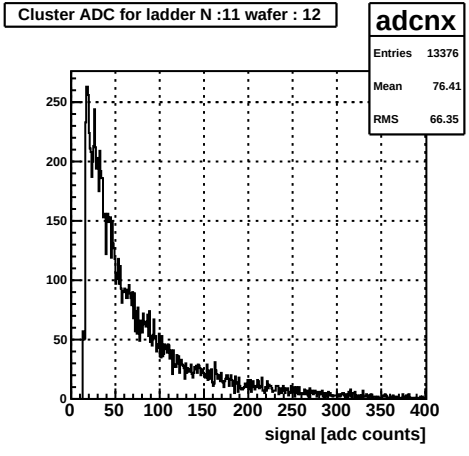

Cluster ADC for ladder N :11 wafer : 11
adcnx
Entries 10040
Mean 51.77
RMS 48.97
signal [adc counts]

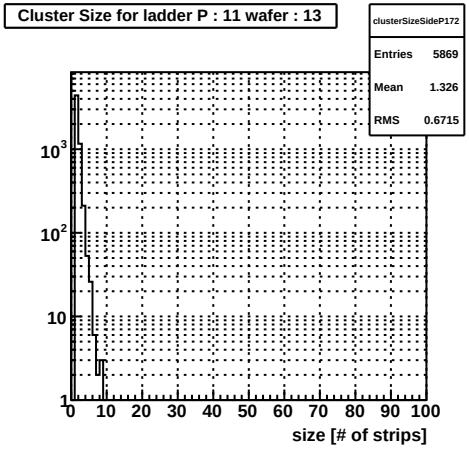

Cluster Size for ladder P : 11 wafer : 12
clusterSizeSideP171
Entries 6733
Mean 1.263
RMS 0.6154
size [# of strips]

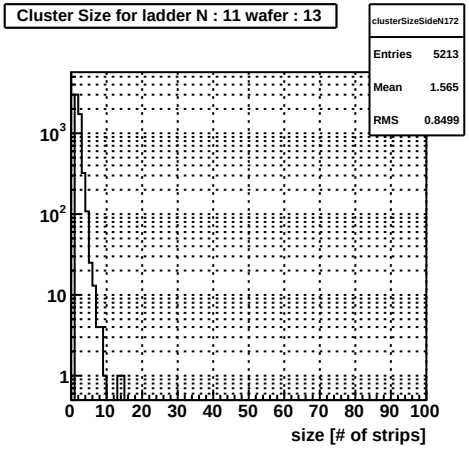

Cluster Size for ladder N : 11 wafer : 12
clusterSizeSideN171
Entries 13376
Mean 2.443
RMS 1.906
size [# of strips]

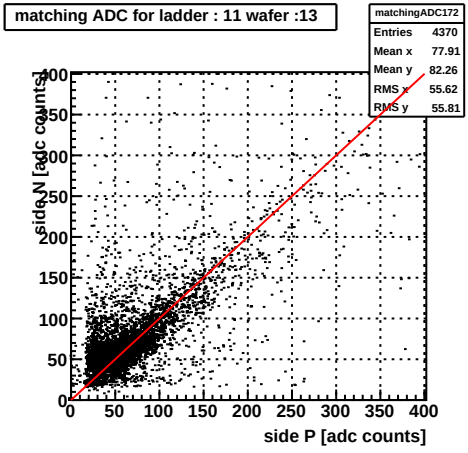

matching ADC for ladder : 11 wafer :12
matchingADC171
Entries 2182
Mean x 60.35
Mean y 57.45
RMS x 45.28
RMS y 53.45
side N [adc counts]
side P [adc counts]

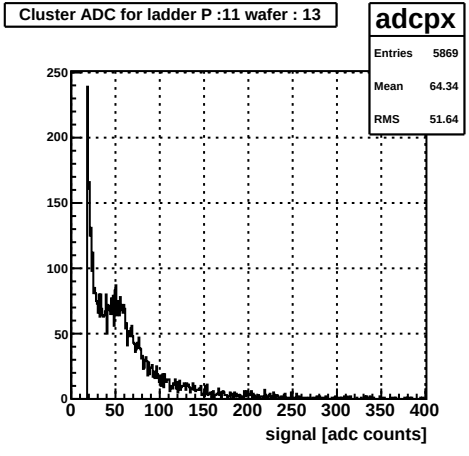

Cluster ADC for ladder P :11 wafer : 12
adcpx
Entries 6733
Mean 42.53
RMS 36.24
signal [adc counts]

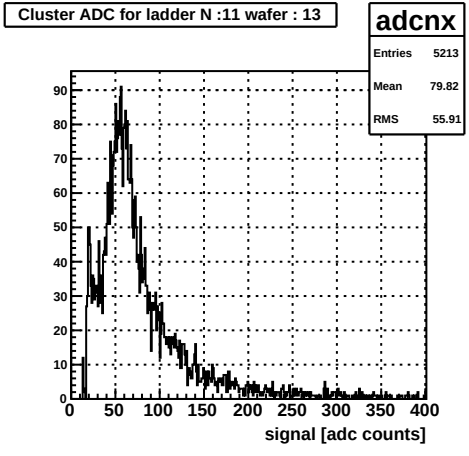

Cluster ADC for ladder N :11 wafer : 12
adcnx
Entries 13376
Mean 76.41
RMS 66.35
signal [adc counts]

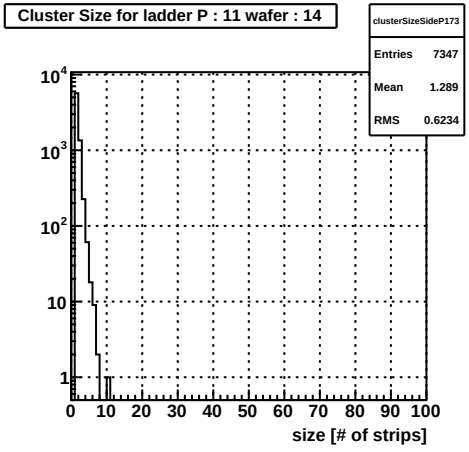

Cluster Size for ladder P : 11 wafer : 13
clusterSizeSideP172
Entries 5869
Mean 1.326
RMS 0.6715
size [# of strips]

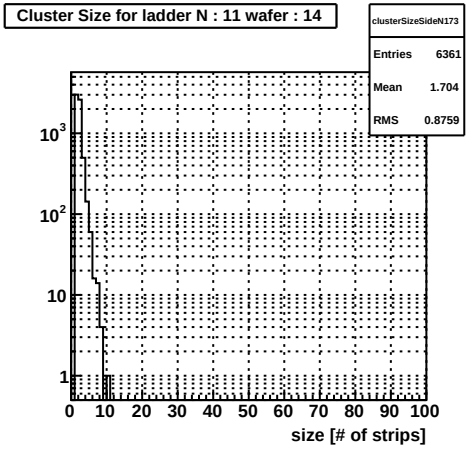

Cluster Size for ladder N : 11 wafer : 13
clusterSizeSideN172
Entries 5213
Mean 1.565
RMS 0.8499
size [# of strips]

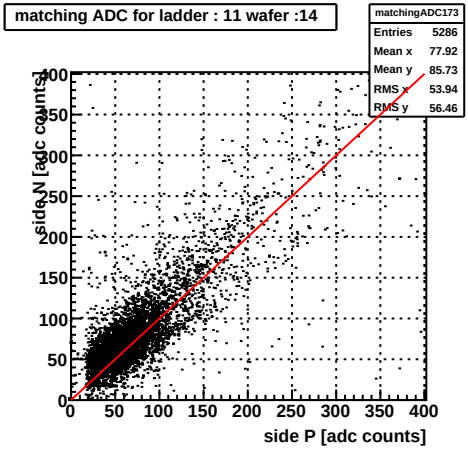

matching ADC for ladder : 11 wafer :13
matchingADC172
Entries 4370
Mean x 77.91
Mean y 82.26
RMS x 55.62
RMS y 55.81
side N [adc counts]
side P [adc counts]

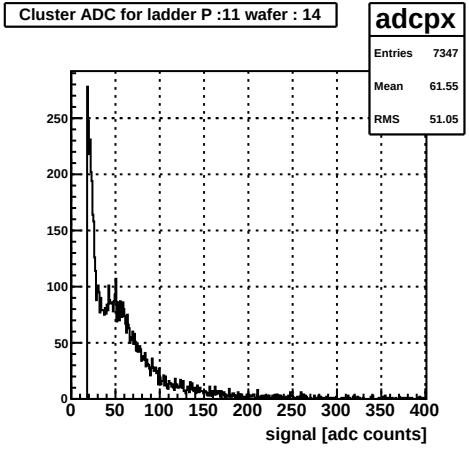

Cluster ADC for ladder P :11 wafer : 13
adcpx
Entries 5869
Mean 64.34
RMS 51.64
signal [adc counts]

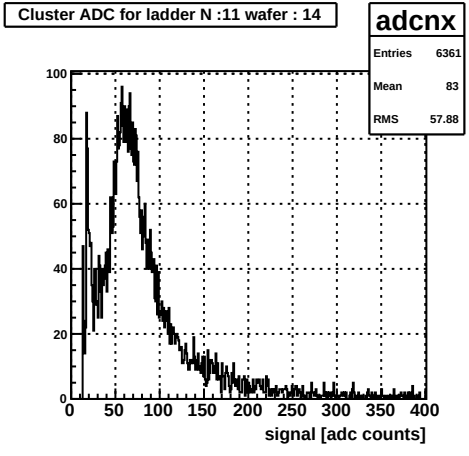

Cluster ADC for ladder N :11 wafer : 13
adcnx
Entries 5213
Mean 79.82
RMS 55.91
signal [adc counts]

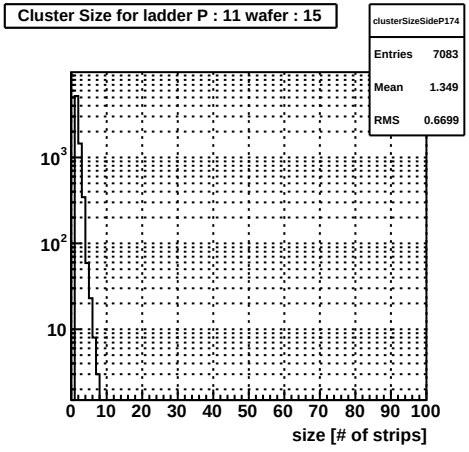

Cluster Size for ladder P : 11 wafer : 14
clusterSizeSideP173
Entries 7347
Mean 1.289
RMS 0.6234
size [# of strips]

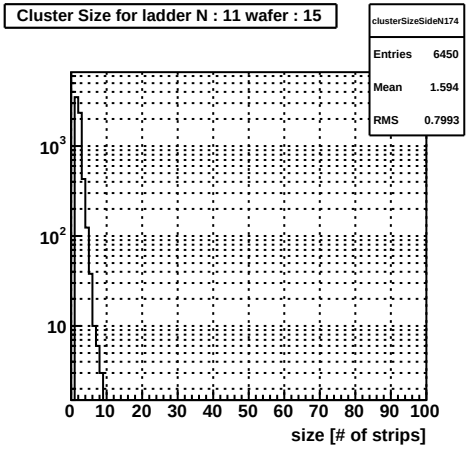

Cluster Size for ladder N : 11 wafer : 14
clusterSizeSideN173
Entries 6361
Mean 1.704
RMS 0.8759
size [# of strips]

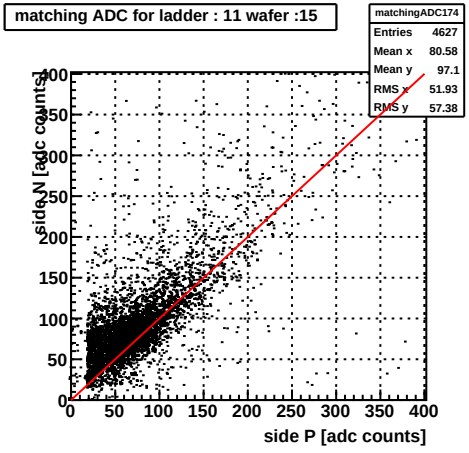

matching ADC for ladder : 11 wafer :14
matchingADC173
Entries 5286
Mean x 77.92
Mean y 85.73
RMS x 53.94
RMS y 56.46
side N [adc counts]
side P [adc counts]

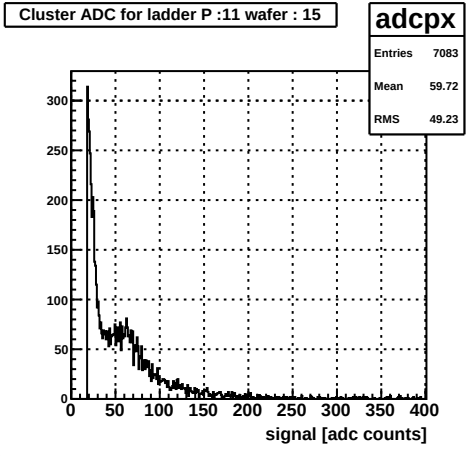

Cluster ADC for ladder P :11 wafer : 14
adcpx
Entries 7347
Mean 61.55
RMS 51.05
signal [adc counts]

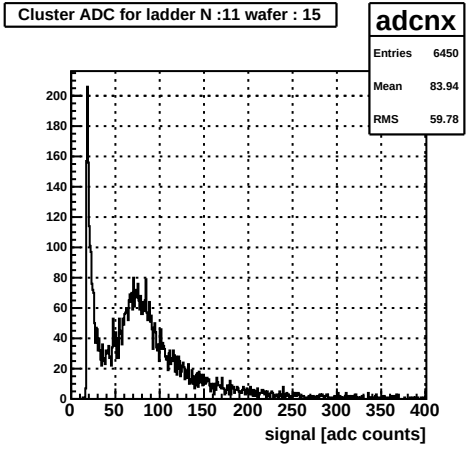

Cluster ADC for ladder N :11 wafer : 14
adcnx
Entries 6361
Mean 83
RMS 57.88
signal [adc counts]

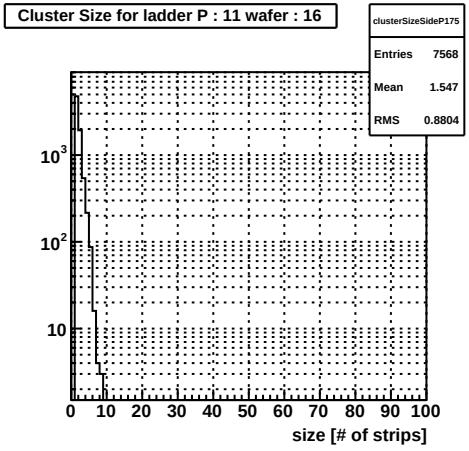

Cluster Size for ladder P : 11 wafer : 15
clusterSizeSideP174
Entries 7083
Mean 1.349
RMS 0.6699
size [# of strips]

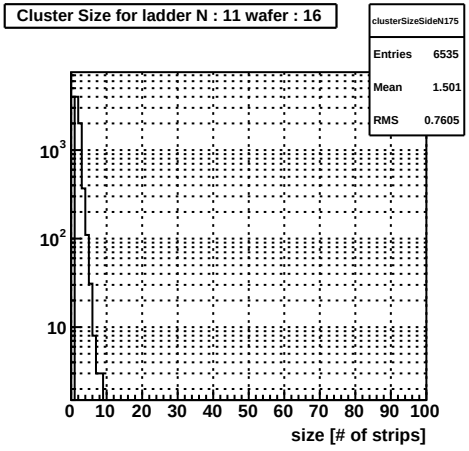

Cluster Size for ladder N : 11 wafer : 15
clusterSizeSideN174
Entries 6450
Mean 1.594
RMS 0.7993
size [# of strips]

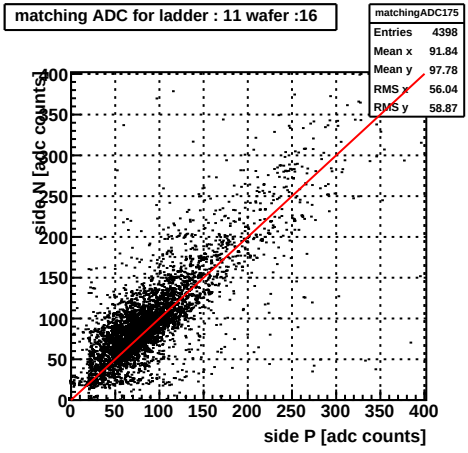

matching ADC for ladder : 11 wafer :15
matchingADC174
Entries 4627
Mean x 80.58
Mean y 97.1
RMS x 51.93
RMS y 57.38
side N [adc counts]
side P [adc counts]

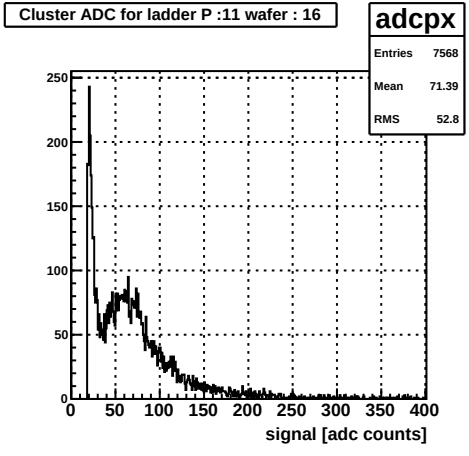

Cluster ADC for ladder P :11 wafer : 15
adcpx
Entries 7083
Mean 59.72
RMS 49.23
signal [adc counts]

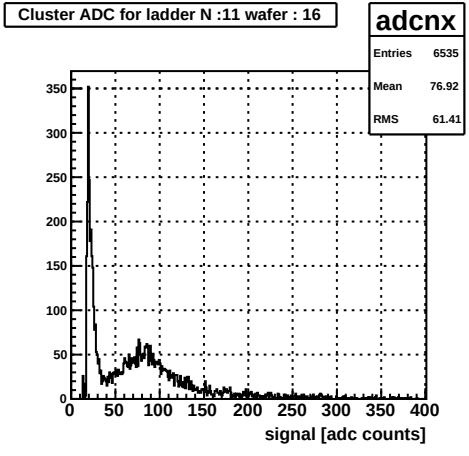

Cluster ADC for ladder N :11 wafer : 15
adcnx
Entries 6450
Mean 83.94
RMS 59.78
signal [adc counts]

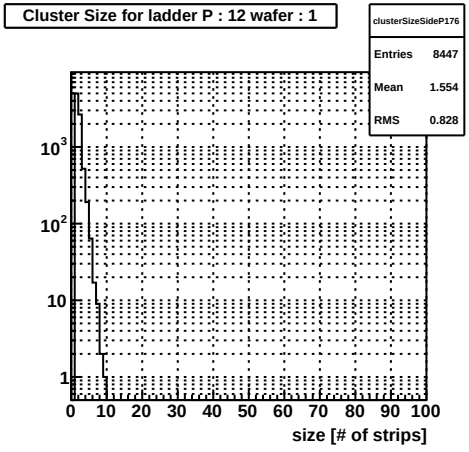

Cluster Size for ladder P : 11 wafer : 16
clusterSizeSideP175
Entries 7568
Mean 1.547
RMS 0.8804
size [# of strips]

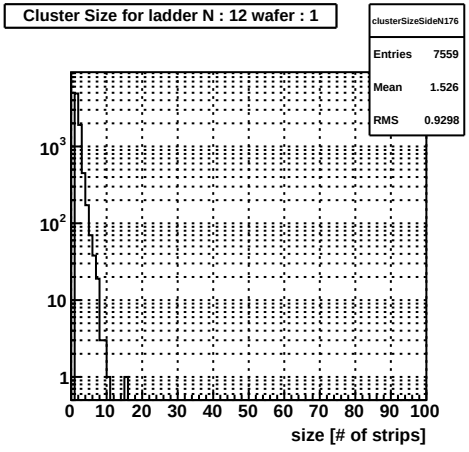

Cluster Size for ladder N : 11 wafer : 16
clusterSizeSideN175
Entries 6535
Mean 1.501
RMS 0.7605
size [# of strips]

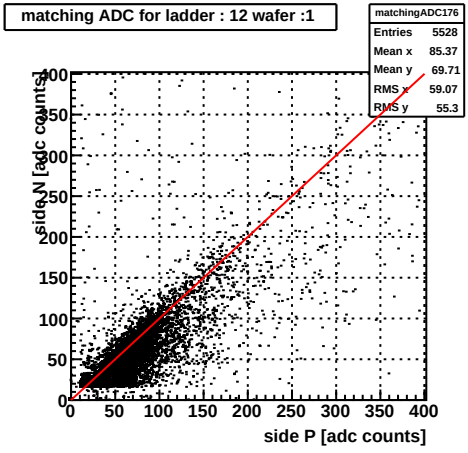

matching ADC for ladder : 11 wafer :16
matchingADC175
Entries 4398
Mean x 91.84
Mean y 97.78
RMS x 56.04
RMS y 58.87
side N [adc counts]
side P [adc counts]

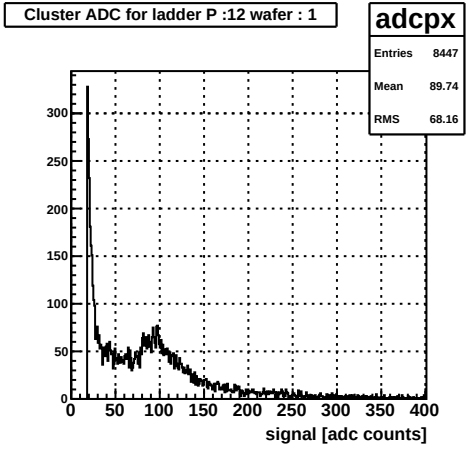

Cluster ADC for ladder P :11 wafer : 16
adcpx
Entries 7568
Mean 71.39
RMS 52.8
signal [adc counts]

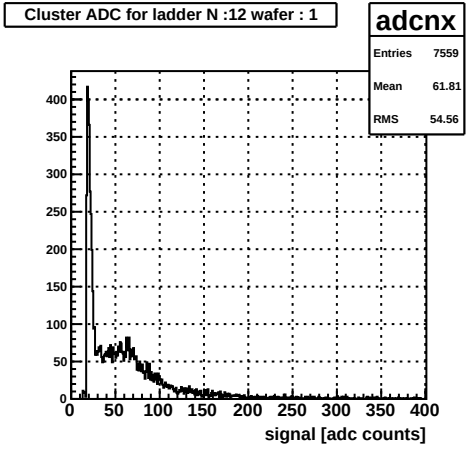

Cluster ADC for ladder N :11 wafer : 16
adcnx
Entries 6535
Mean 76.92
RMS 61.41
signal [adc counts]

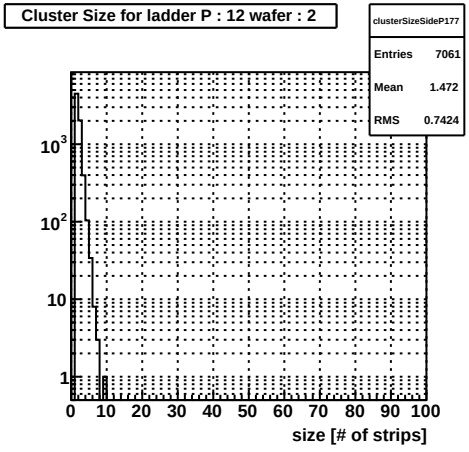

Cluster Size for ladder P : 12 wafer : 1
clusterSizeSideP176
Entries 8447
Mean 1.554
RMS 0.828
size [# of strips]

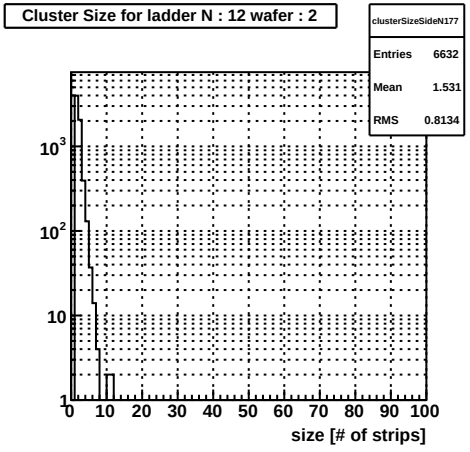

Cluster Size for ladder N : 12 wafer : 1
clusterSizeSideN176
Entries 7559
Mean 1.526
RMS 0.9298
size [# of strips]

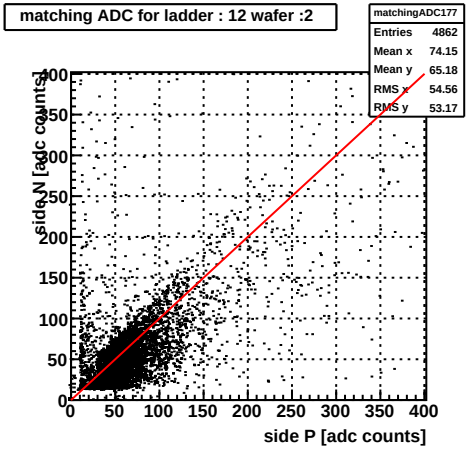

matching ADC for ladder : 12 wafer :1
matchingADC176
Entries 5528
Mean x 85.37
Mean y 69.71
RMS x 59.07
RMS y 55.3
side N [adc counts]
side P [adc counts]

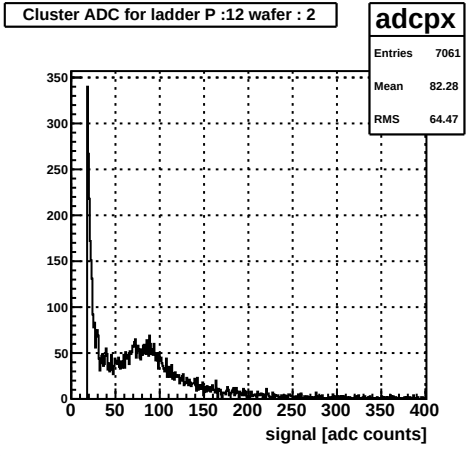

Cluster ADC for ladder P :12 wafer : 1
adcpx
Entries 8447
Mean 89.74
RMS 68.16
signal [adc counts]

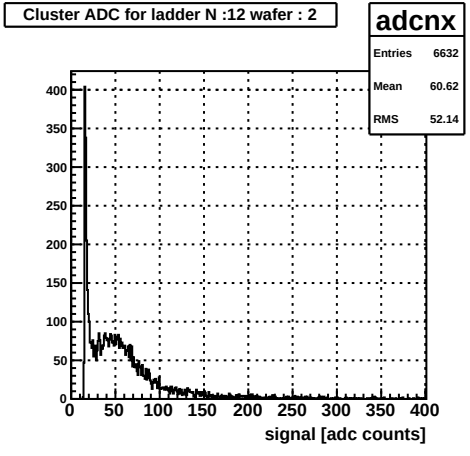

Cluster ADC for ladder N :12 wafer : 1
adcnx
Entries 7559
Mean 61.81
RMS 54.56
signal [adc counts]

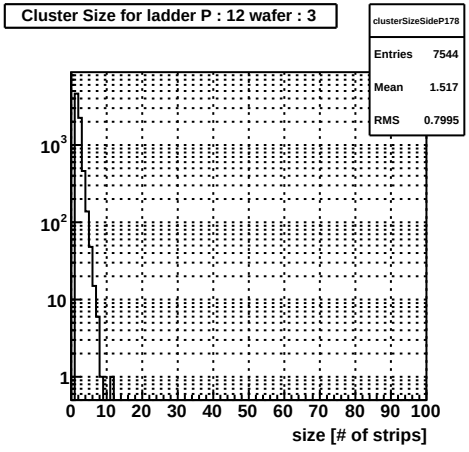

Cluster Size for ladder P : 12 wafer : 2
clusterSizeSideP177
Entries 7061
Mean 1.472
RMS 0.7424
size [# of strips]

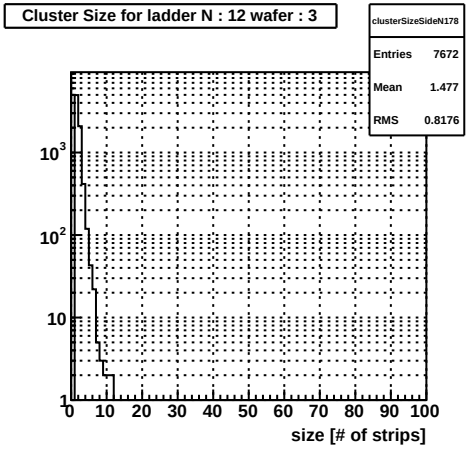

Cluster Size for ladder N : 12 wafer : 2
clusterSizeSideN177
Entries 6632
Mean 1.531
RMS 0.8134
size [# of strips]

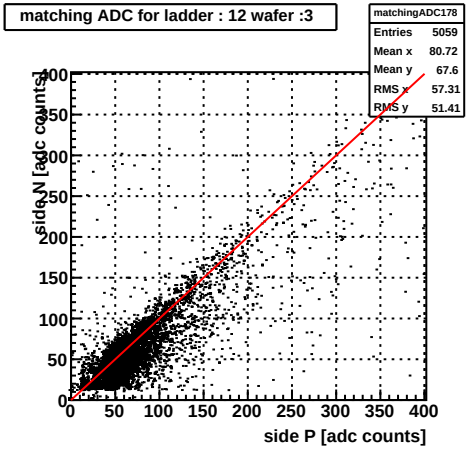

matching ADC for ladder : 12 wafer :2
matchingADC177
Entries 4862
Mean x 74.15
Mean y 65.18
RMS x 54.56
RMS y 53.17
side N [adc counts]
side P [adc counts]

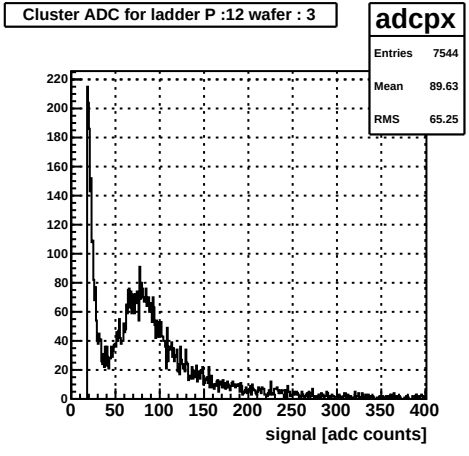

Cluster ADC for ladder P :12 wafer : 2
adcpx
Entries 7061
Mean 82.28
RMS 64.47
signal [adc counts]

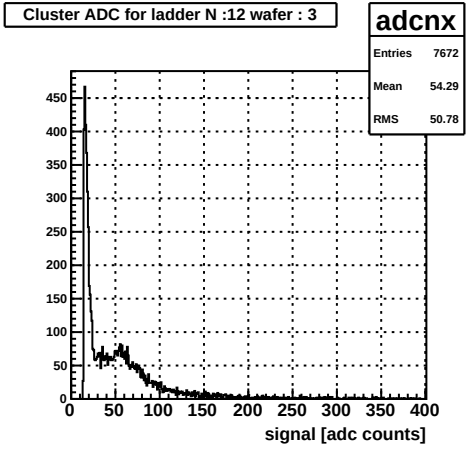

Cluster ADC for ladder N :12 wafer : 2
adcnx
Entries 6632
Mean 60.62
RMS 52.14
signal [adc counts]

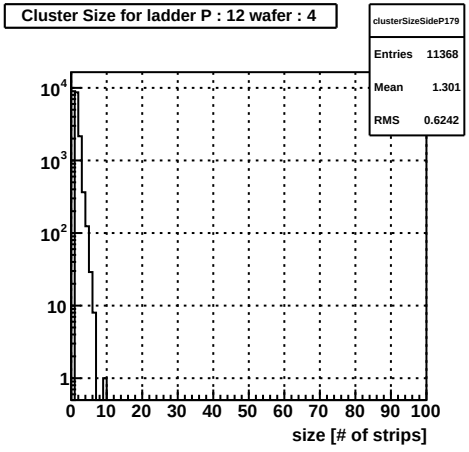

Cluster Size for ladder P : 12 wafer : 3
clusterSizeSideP178
Entries 7544
Mean 1.517
RMS 0.7995
size [# of strips]

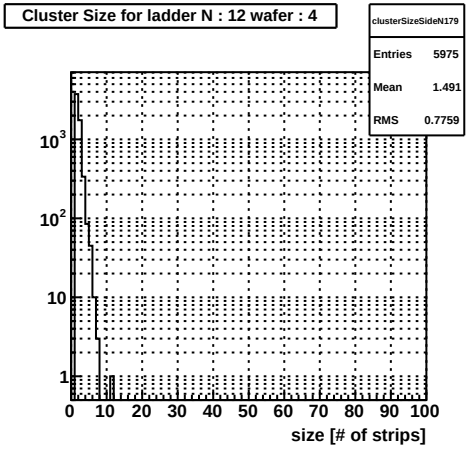

Cluster Size for ladder N : 12 wafer : 3
clusterSizeSideN178
Entries 7672
Mean 1.477
RMS 0.8176
size [# of strips]

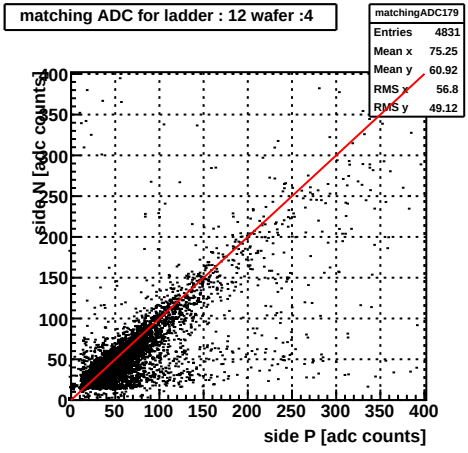

matching ADC for ladder : 12 wafer :3
matchingADC178
Entries 5059
Mean x 80.72
Mean y 67.6
RMS x 57.31
RMS y 51.41
side N [adc counts]
side P [adc counts]

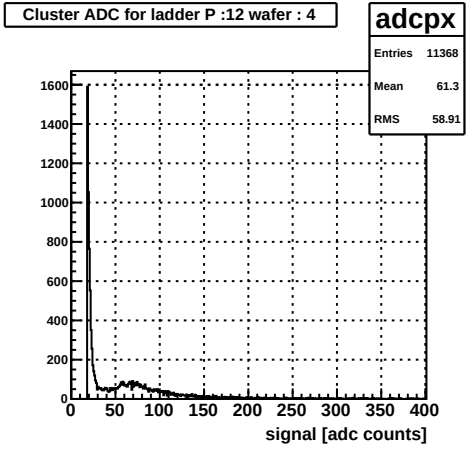

Cluster ADC for ladder P :12 wafer : 3
adcpx
Entries 7544
Mean 89.63
RMS 65.25
signal [adc counts]

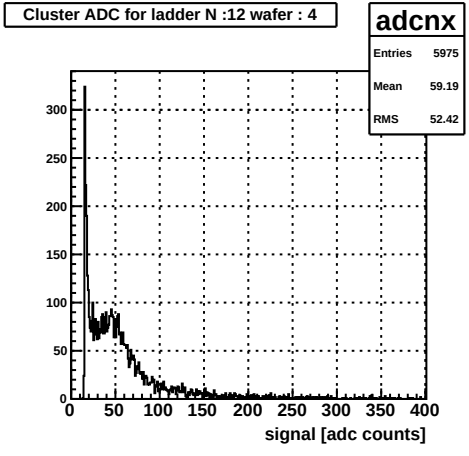

Cluster ADC for ladder N :12 wafer : 3
adcnx
Entries 7672
Mean 54.29
RMS 50.78
signal [adc counts]

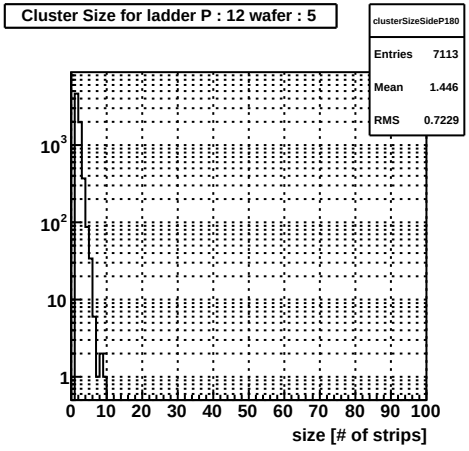

Cluster Size for ladder P : 12 wafer : 4
clusterSizeSideP179
Entries 11368
Mean 1.301
RMS 0.6242
size [# of strips]

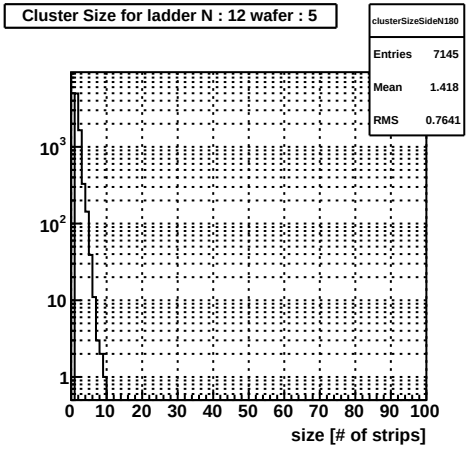

Cluster Size for ladder N : 12 wafer : 4
clusterSizeSideN179
Entries 5975
Mean 1.491
RMS 0.7759
size [# of strips]

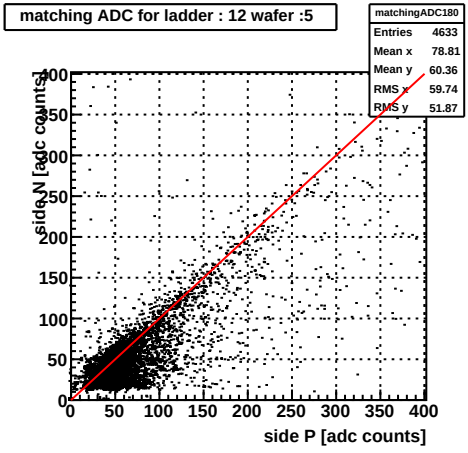

matching ADC for ladder : 12 wafer :4
matchingADC179
Entries 4831
Mean x 75.25
Mean y 60.92
RMS x 56.8
RMS y 49.12
side N [adc counts]
side P [adc counts]

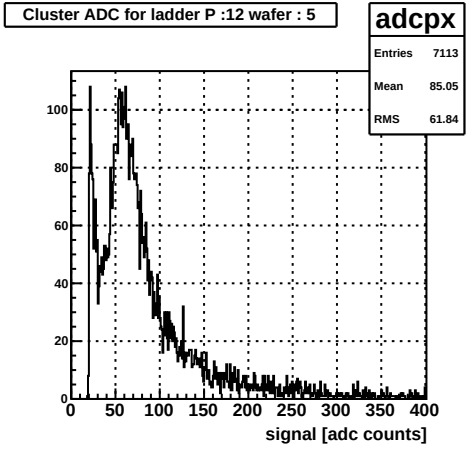

Cluster ADC for ladder P :12 wafer : 4
adcpx
Entries 11368
Mean 61.3
RMS 58.91
signal [adc counts]

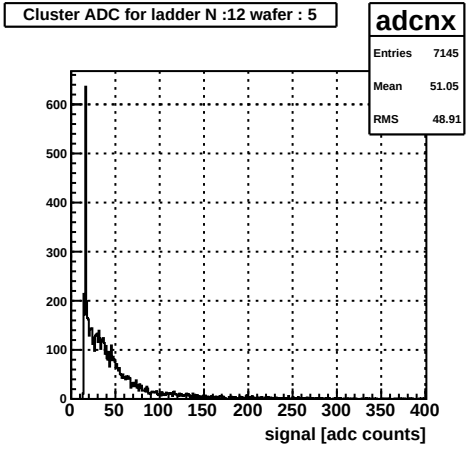

Cluster ADC for ladder N :12 wafer : 4
adcnx
Entries 5975
Mean 59.19
RMS 52.42
signal [adc counts]

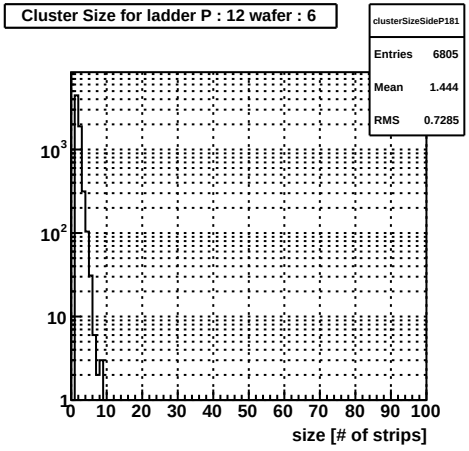

Cluster Size for ladder P : 12 wafer : 5
clusterSizeSideP180
Entries 7113
Mean 1.446
RMS 0.7229
size [# of strips]

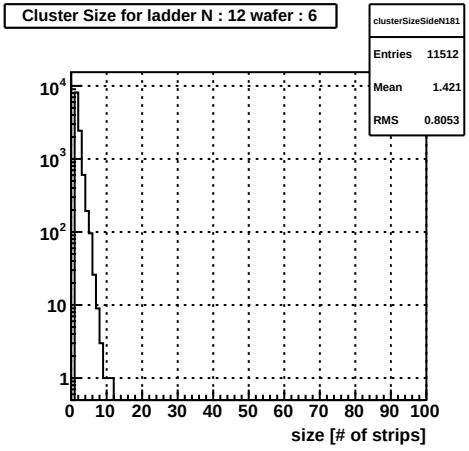

Cluster Size for ladder N : 12 wafer : 5
clusterSizeSideN180
Entries 7145
Mean 1.418
RMS 0.7641
size [# of strips]

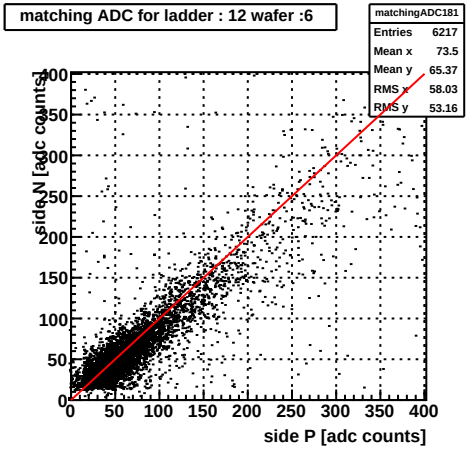

matching ADC for ladder : 12 wafer :5
matchingADC180
Entries 4633
Mean x 78.81
Mean y 60.36
RMS x 59.74
RMS y 51.87
side N [adc counts]
side P [adc counts]

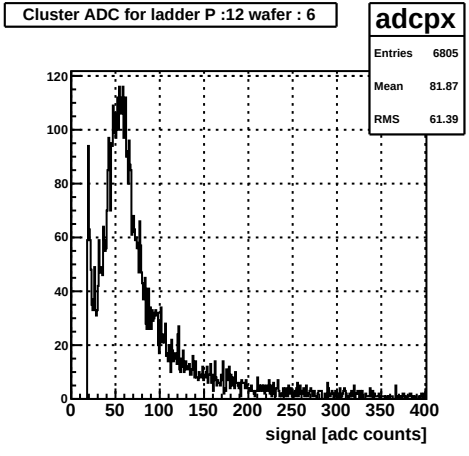

Cluster ADC for ladder P :12 wafer : 5
adcpx
Entries 7113
Mean 85.05
RMS 61.84
signal [adc counts]

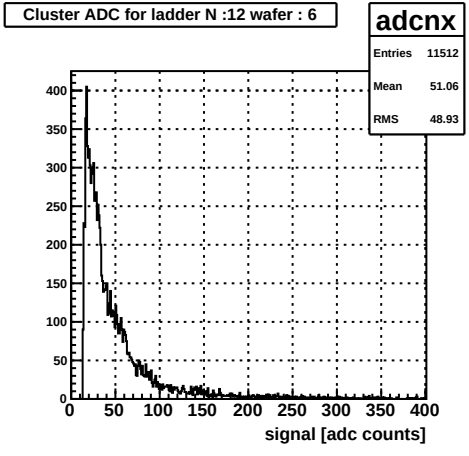

Cluster ADC for ladder N :12 wafer : 5
adcnx
Entries 7145
Mean 51.05
RMS 48.91
signal [adc counts]

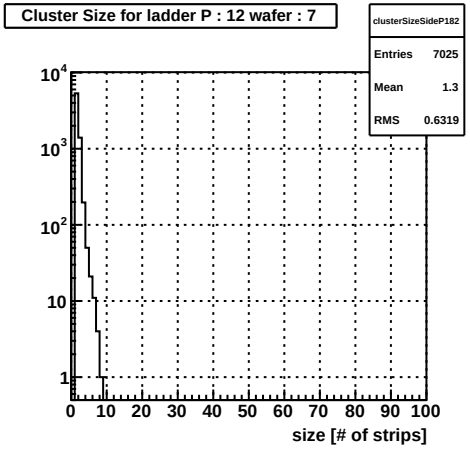

Cluster Size for ladder P : 12 wafer : 6
clusterSizeSideP181
Entries 6805
Mean 1.444
RMS 0.7285
size [# of strips]

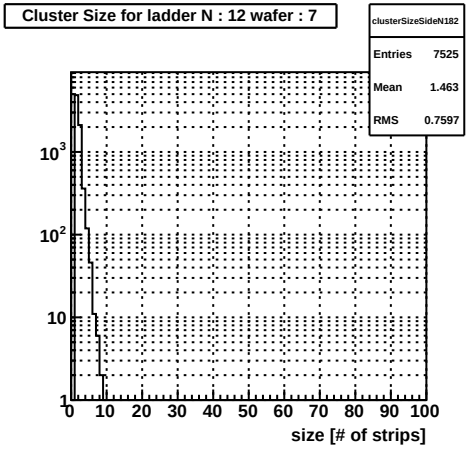

Cluster Size for ladder N : 12 wafer : 6
clusterSizeSideN181
Entries 11512
Mean 1.421
RMS 0.8053
size [# of strips]

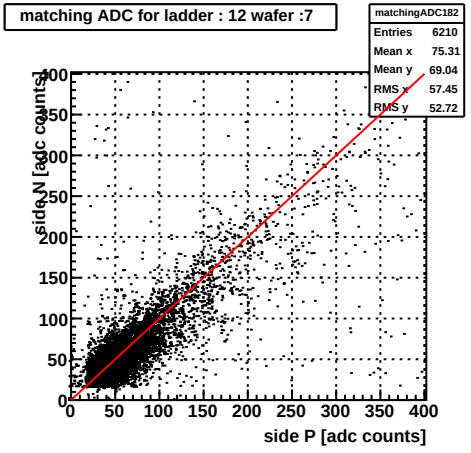

matching ADC for ladder : 12 wafer :6
matchingADC181
Entries 6217
Mean x 73.5
Mean y 65.37
RMS x 58.03
RMS y 53.16
side N [adc counts]
side P [adc counts]

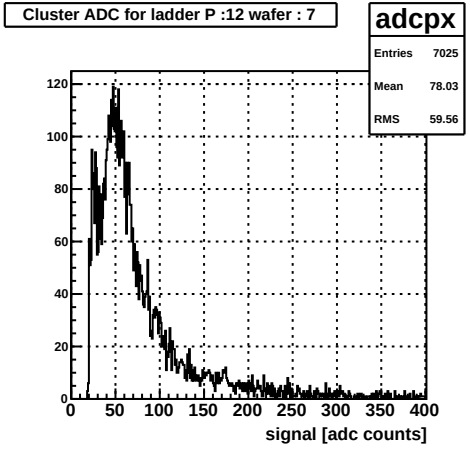

Cluster ADC for ladder P :12 wafer : 6
adcpx
Entries 6805
Mean 81.87
RMS 61.39
signal [adc counts]

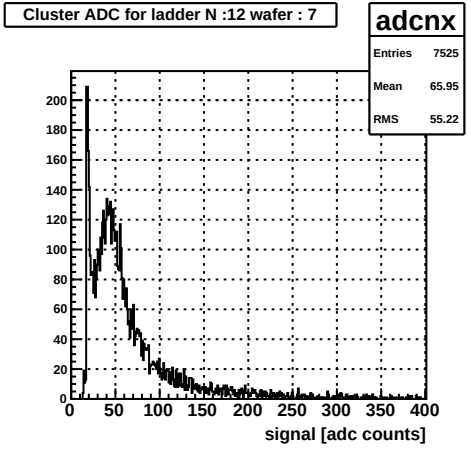

Cluster ADC for ladder N :12 wafer : 6
adcnx
Entries 11512
Mean 51.06
RMS 48.93
signal [adc counts]

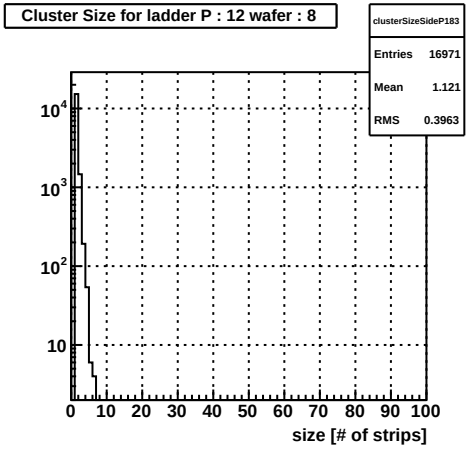

Cluster Size for ladder P : 12 wafer : 7
clusterSizeSideP182
Entries 7025
Mean 1.3
RMS 0.6319
size [# of strips]

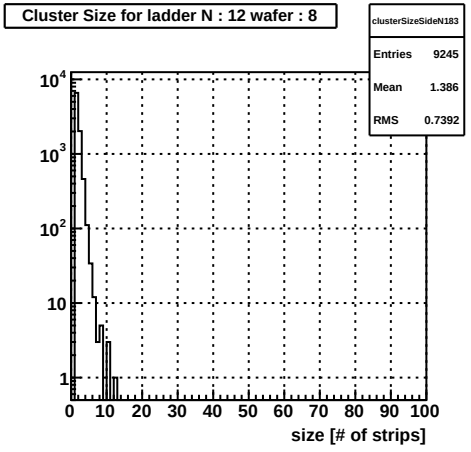

Cluster Size for ladder N : 12 wafer : 7
clusterSizeSideN182
Entries 7525
Mean 1.463
RMS 0.7597
size [# of strips]

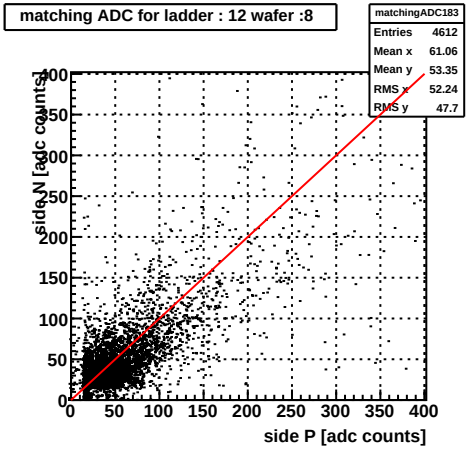

matching ADC for ladder : 12 wafer :7
matchingADC182
Entries 6210
Mean x 75.31
Mean y 69.04
RMS x 57.45
RMS y 52.72
side N [adc counts]
side P [adc counts]

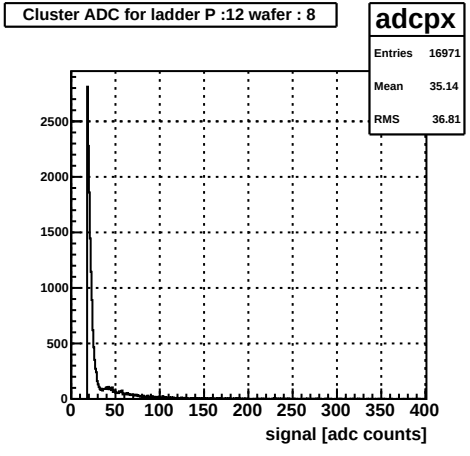

Cluster ADC for ladder P :12 wafer : 7
adcpx
Entries 7025
Mean 78.03
RMS 59.56
signal [adc counts]

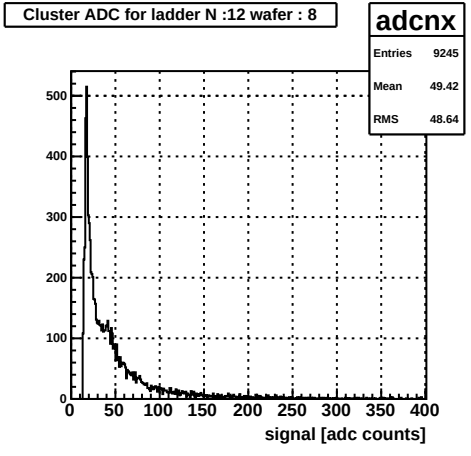

Cluster ADC for ladder N :12 wafer : 7
adcnx
Entries 7525
Mean 65.95
RMS 55.22
signal [adc counts]

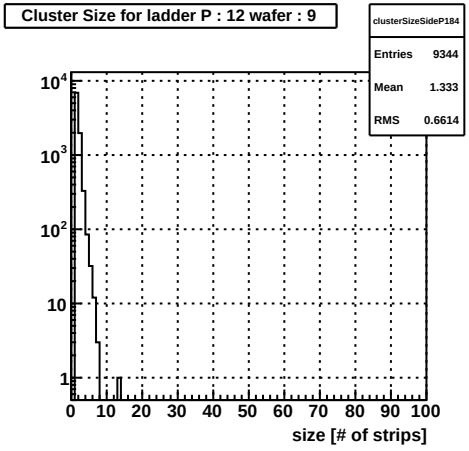

Cluster Size for ladder P : 12 wafer : 8
clusterSizeSideP183
Entries 16971
Mean 1.121
RMS 0.3963
size [# of strips]

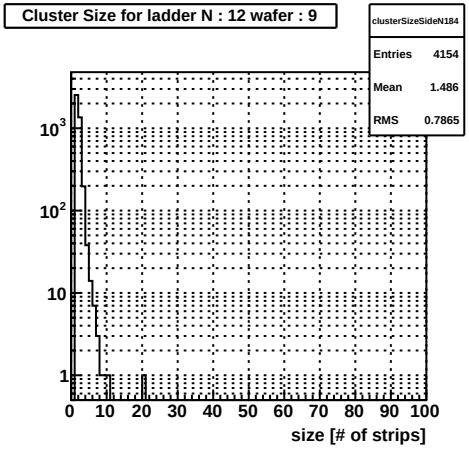

Cluster Size for ladder N : 12 wafer : 8
clusterSizeSideN183
Entries 9245
Mean 1.386
RMS 0.7392
size [# of strips]

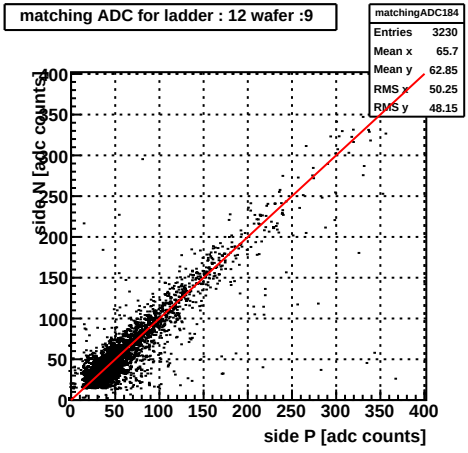

matching ADC for ladder : 12 wafer :8
matchingADC183
Entries 4612
Mean x 61.06
Mean y 53.35
RMS x 52.24
RMS y 47.7
side N [adc counts]
side P [adc counts]

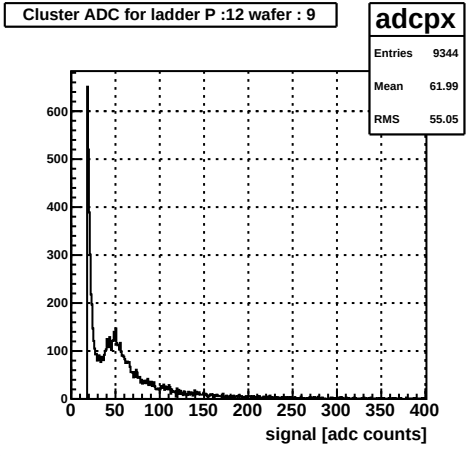

Cluster ADC for ladder P :12 wafer : 8
adcpx
Entries 16971
Mean 35.14
RMS 36.81
signal [adc counts]

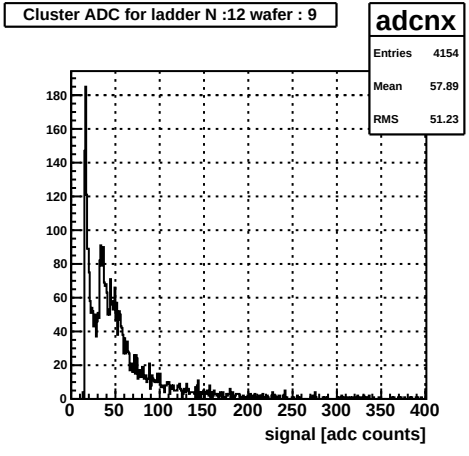

Cluster ADC for ladder N :12 wafer : 8
adcnx
Entries 9245
Mean 49.42
RMS 48.64
signal [adc counts]

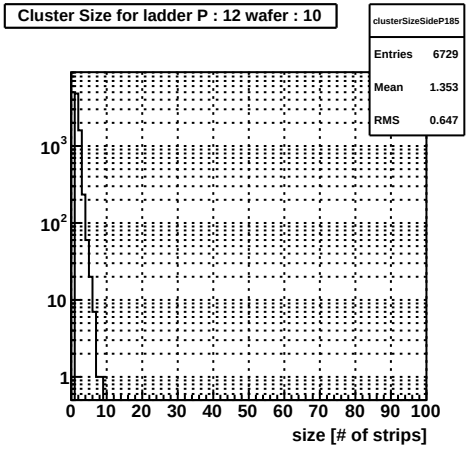

Cluster Size for ladder P : 12 wafer : 9
clusterSizeSideP184
Entries 9344
Mean 1.333
RMS 0.6614
size [# of strips]

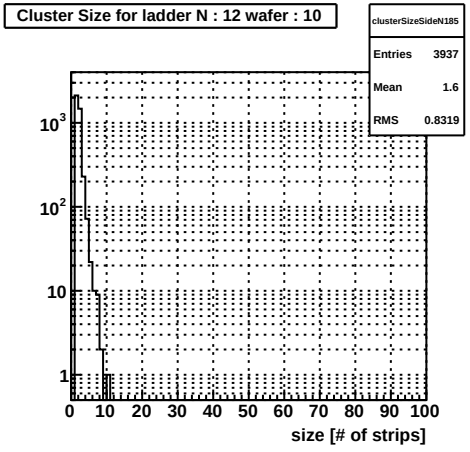

Cluster Size for ladder N : 12 wafer : 9
clusterSizeSideN184
Entries 4154
Mean 1.486
RMS 0.7865
size [# of strips]

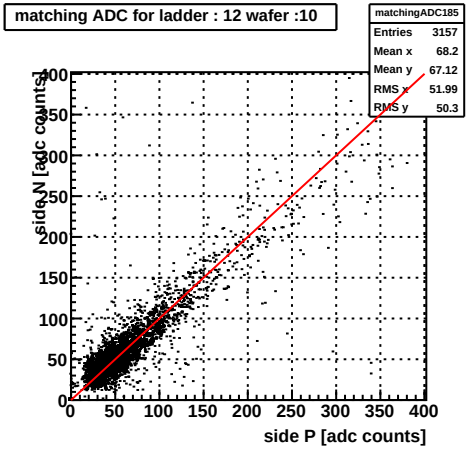

matching ADC for ladder : 12 wafer :9
matchingADC184
Entries 3230
Mean x 65.7
Mean y 62.85
RMS x 50.25
RMS y 48.15
side N [adc counts]
side P [adc counts]

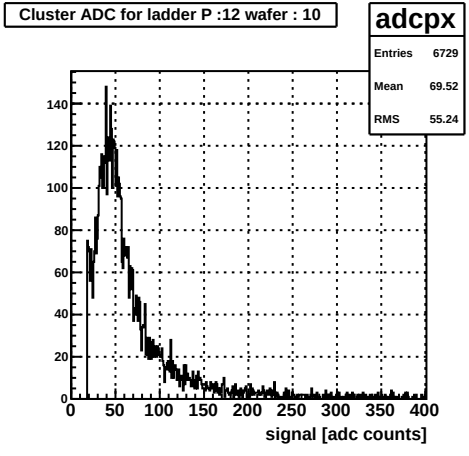

Cluster ADC for ladder P :12 wafer : 9
adcpx
Entries 9344
Mean 61.99
RMS 55.05
signal [adc counts]

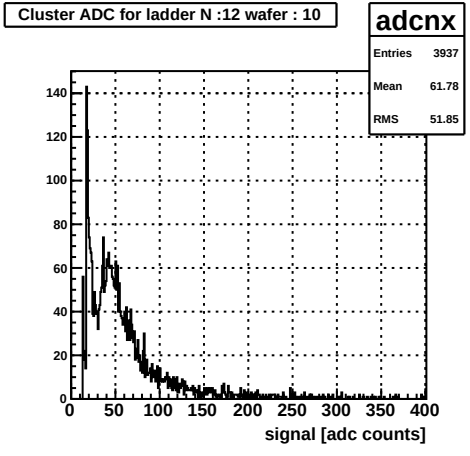

Cluster ADC for ladder N :12 wafer : 9
adcnx
Entries 4154
Mean 57.89
RMS 51.23
signal [adc counts]

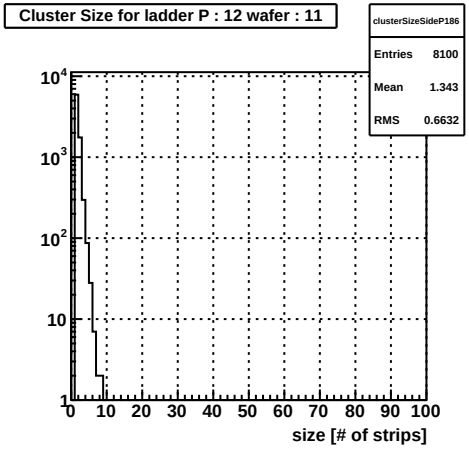

Cluster Size for ladder P : 12 wafer : 10
clusterSizeSideP185
Entries 6729
Mean 1.353
RMS 0.647
size [# of strips]

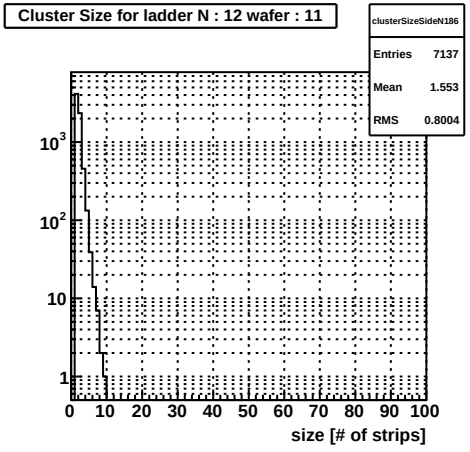

Cluster Size for ladder N : 12 wafer : 10
clusterSizeSideN185
Entries 3937
Mean 1.6
RMS 0.8319
size [# of strips]

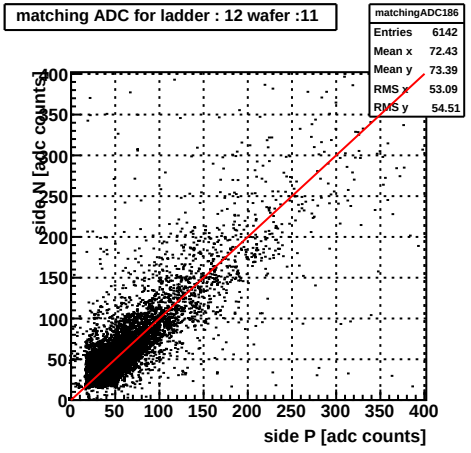

matching ADC for ladder : 12 wafer :10
matchingADC185
Entries 3157
Mean x 68.2
Mean y 67.12
RMS x 51.99
RMS y 50.3
side N [adc counts]
side P [adc counts]

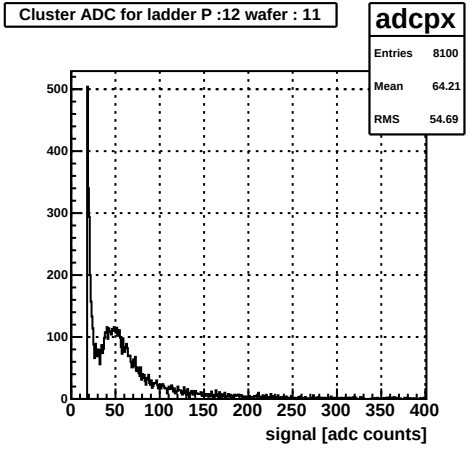

Cluster ADC for ladder P :12 wafer : 10
adcpx
Entries 6729
Mean 69.52
RMS 55.24
signal [adc counts]

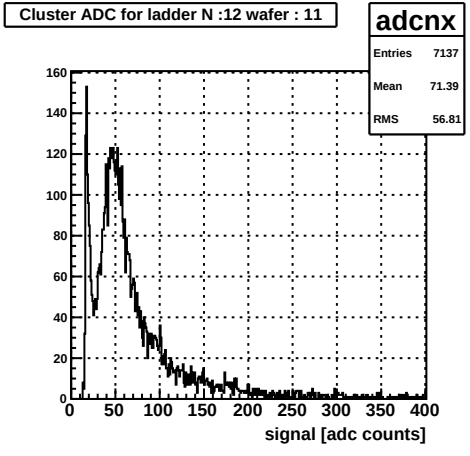

Cluster ADC for ladder N :12 wafer : 10
adcnx
Entries 3937
Mean 61.78
RMS 51.85
signal [adc counts]

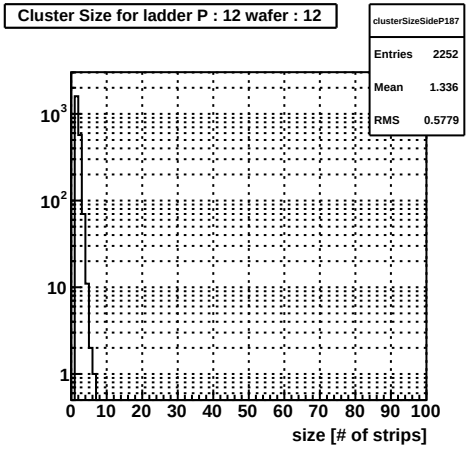

Cluster Size for ladder P : 12 wafer : 11
clusterSizeSideP186
Entries 8100
Mean 1.343
RMS 0.6632
size [# of strips]

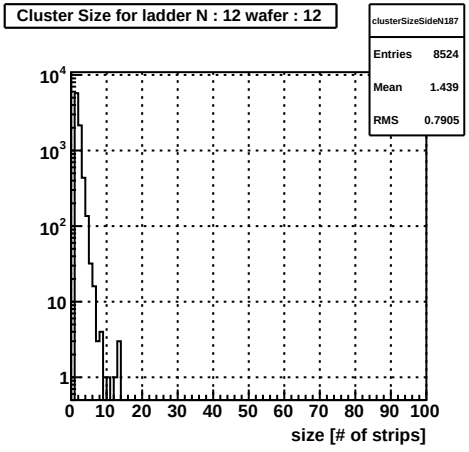

Cluster Size for ladder N : 12 wafer : 11
clusterSizeSideN186
Entries 7137
Mean 1.553
RMS 0.8004
size [# of strips]

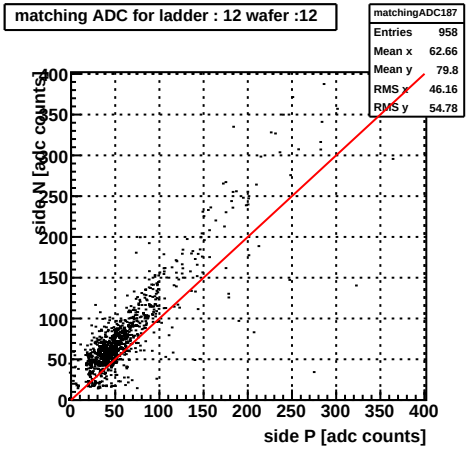

matching ADC for ladder : 12 wafer :11
matchingADC186
Entries 6142
Mean x 72.43
Mean y 73.39
RMS x 53.09
RMS y 54.51
side N [adc counts]
side P [adc counts]

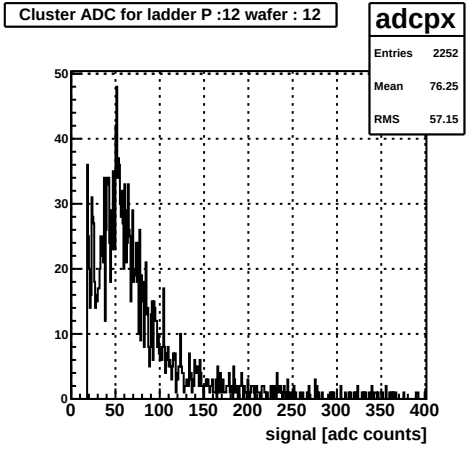

Cluster ADC for ladder P :12 wafer : 11
adcpx
Entries 8100
Mean 64.21
RMS 54.69
signal [adc counts]

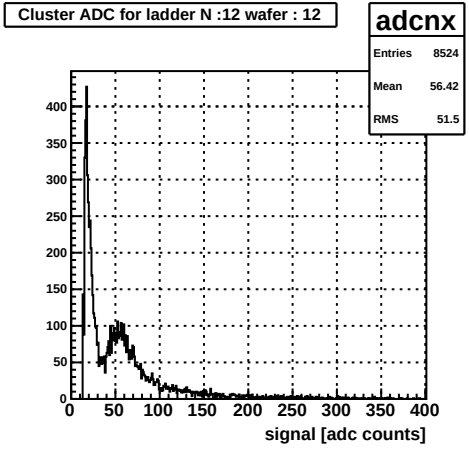

Cluster ADC for ladder N :12 wafer : 11
adcnx
Entries 7137
Mean 71.39
RMS 56.81
signal [adc counts]

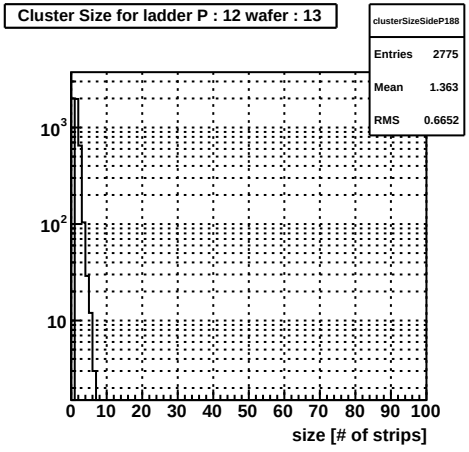

Cluster Size for ladder P : 12 wafer : 12
clusterSizeSideP187
Entries 2252
Mean 1.336
RMS 0.5779
size [# of strips]

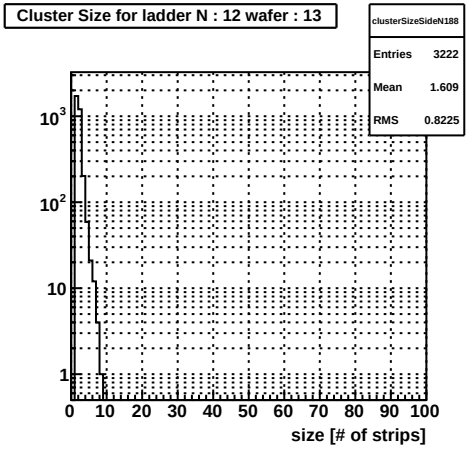

Cluster Size for ladder N : 12 wafer : 12
clusterSizeSideN187
Entries 8524
Mean 1.439
RMS 0.7905
size [# of strips]

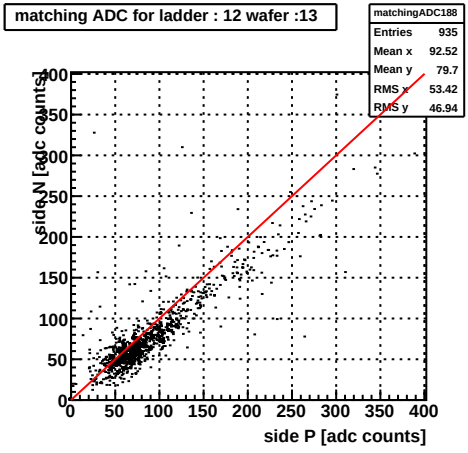

matching ADC for ladder : 12 wafer :12
matchingADC187
Entries 958
Mean x 62.66
Mean y 79.8
RMS x 46.16
RMS y 54.78
side N [adc counts]
side P [adc counts]

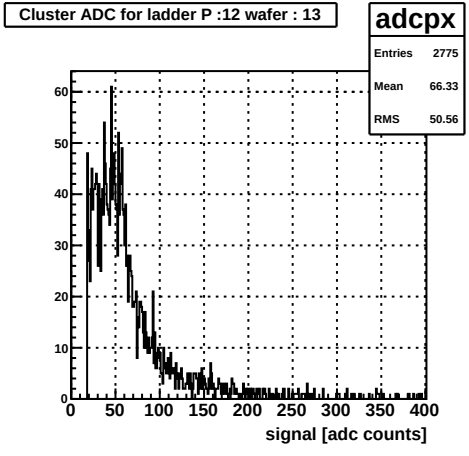

Cluster ADC for ladder P :12 wafer : 12
adcpx
Entries 2252
Mean 76.25
RMS 57.15
signal [adc counts]

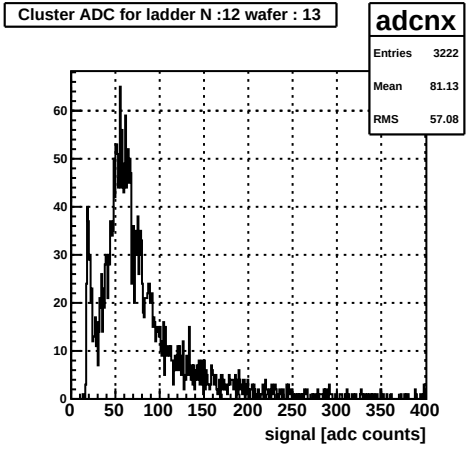

Cluster ADC for ladder N :12 wafer : 12
adcnx
Entries 8524
Mean 56.42
RMS 51.5
signal [adc counts]

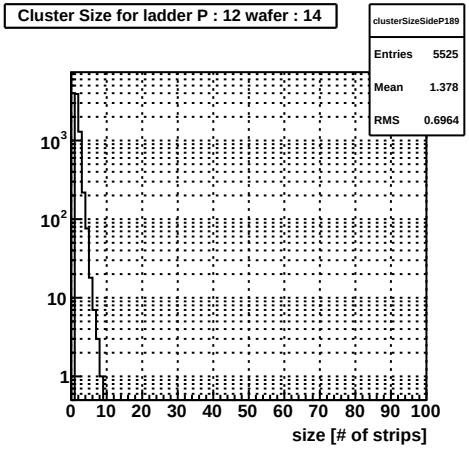

Cluster Size for ladder P : 12 wafer : 13
clusterSizeSideP188
Entries 2775
Mean 1.363
RMS 0.6652
size [# of strips]

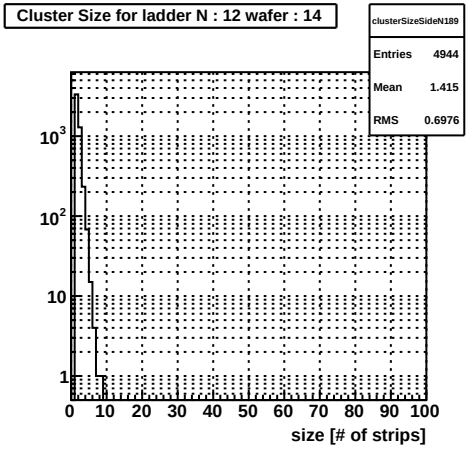

Cluster Size for ladder N : 12 wafer : 13
clusterSizeSideN188
Entries 3222
Mean 1.609
RMS 0.8225
size [# of strips]

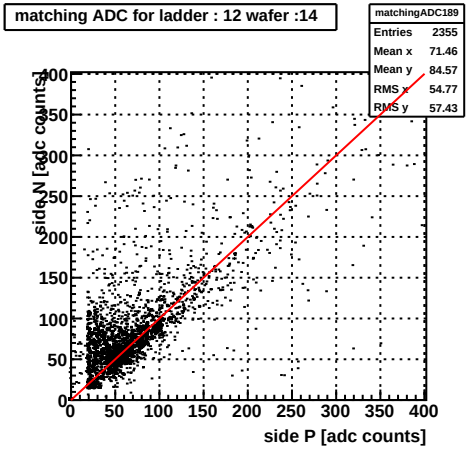

matching ADC for ladder : 12 wafer :13
matchingADC188
Entries 935
Mean x 92.52
Mean y 79.7
RMS x 53.42
RMS y 46.94
side N [adc counts]
side P [adc counts]

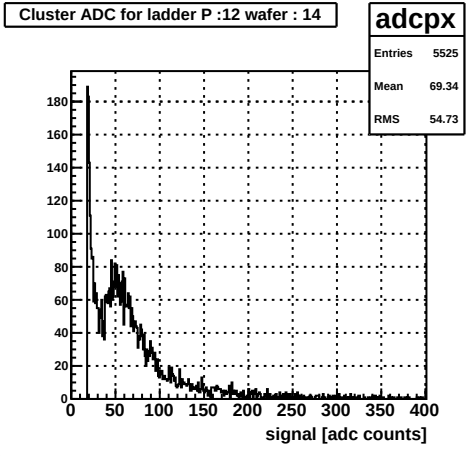

Cluster ADC for ladder P :12 wafer : 13
adcpx
Entries 2775
Mean 66.33
RMS 50.56
signal [adc counts]

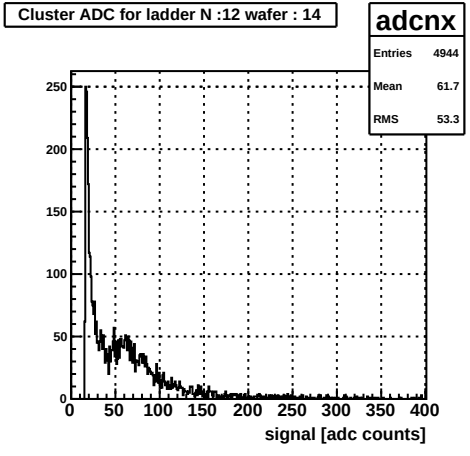

Cluster ADC for ladder N :12 wafer : 13
adcnx
Entries 3222
Mean 81.13
RMS 57.08
signal [adc counts]

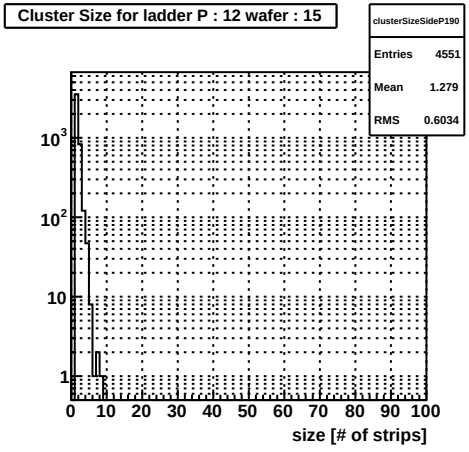

Cluster Size for ladder P : 12 wafer : 14
clusterSizeSideP189
Entries 5525
Mean 1.378
RMS 0.6964
size [# of strips]

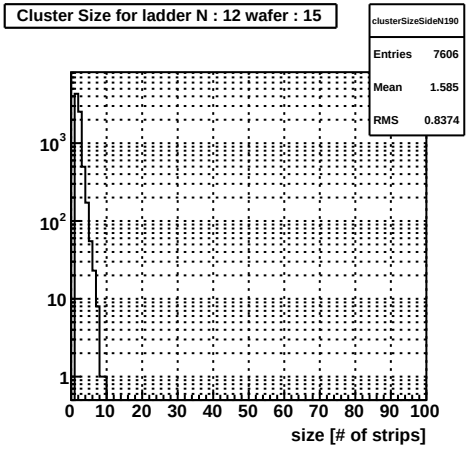

Cluster Size for ladder N : 12 wafer : 14
clusterSizeSideN189
Entries 4944
Mean 1.415
RMS 0.6976
size [# of strips]

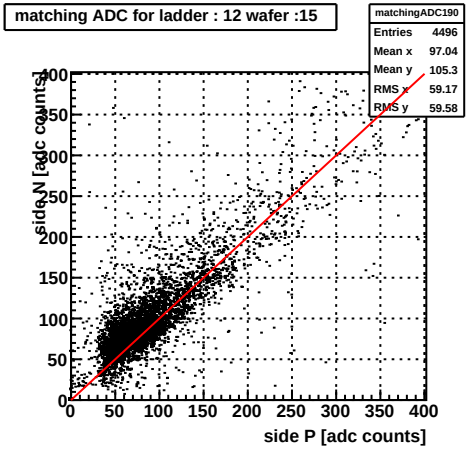

matching ADC for ladder : 12 wafer :14
matchingADC189
Entries 2355
Mean x 71.46
Mean y 84.57
RMS x 54.77
RMS y 57.43
side N [adc counts]
side P [adc counts]

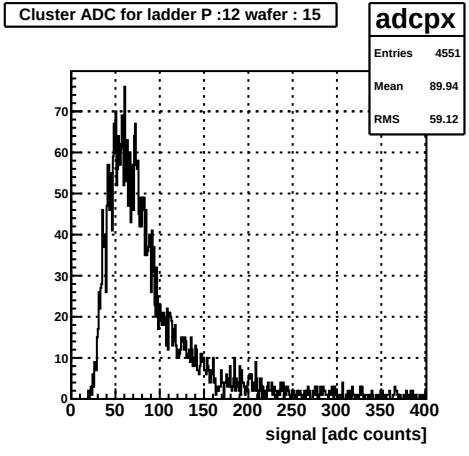

Cluster ADC for ladder P :12 wafer : 14
adcpx
Entries 5525
Mean 69.34
RMS 54.73
signal [adc counts]

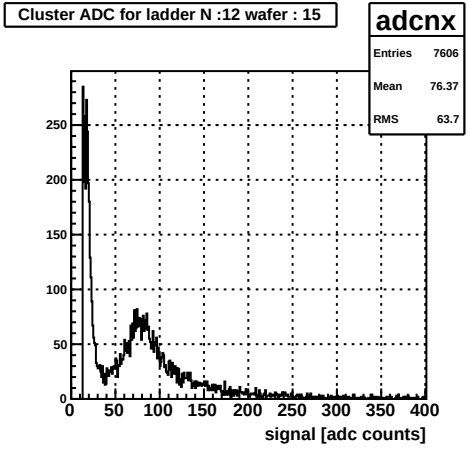

Cluster ADC for ladder N :12 wafer : 14
adcnx
Entries 4944
Mean 61.7
RMS 53.3
signal [adc counts]

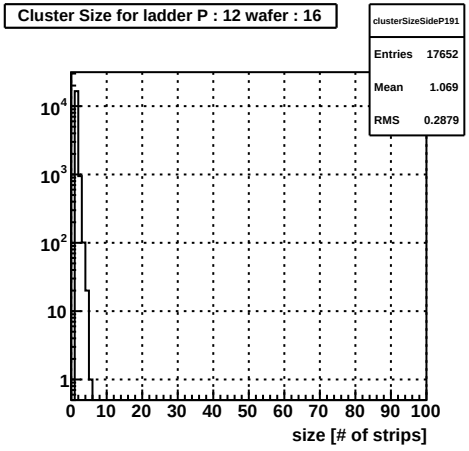

Cluster Size for ladder P : 12 wafer : 15
clusterSizeSideP190
Entries 4551
Mean 1.279
RMS 0.6034
size [# of strips]

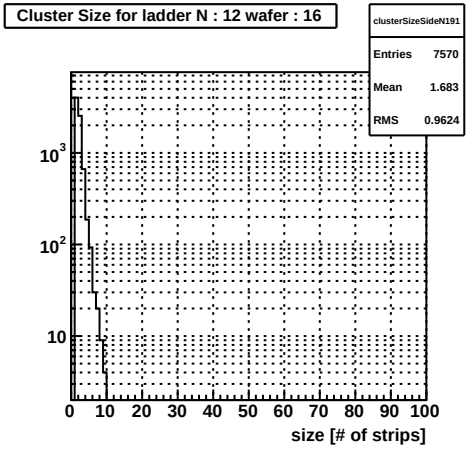

Cluster Size for ladder N : 12 wafer : 15
clusterSizeSideN190
Entries 7606
Mean 1.585
RMS 0.8374
size [# of strips]

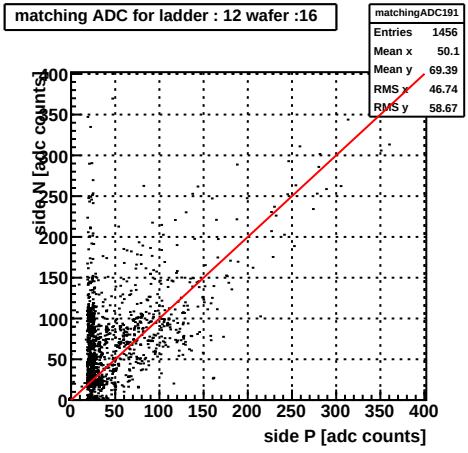

matching ADC for ladder : 12 wafer :15
matchingADC190
Entries 4496
Mean x 97.04
Mean y 105.3
RMS x 59.17
RMS y 59.58
side N [adc counts]
side P [adc counts]

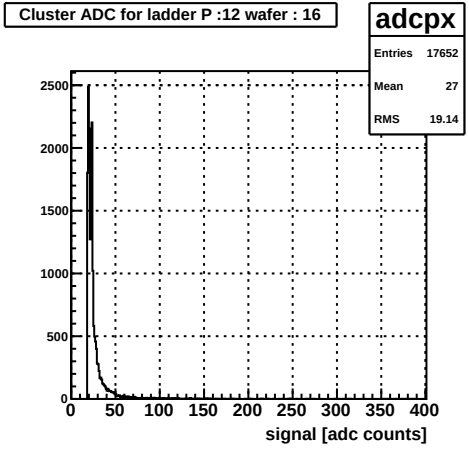

Cluster ADC for ladder P :12 wafer : 15
adcpx
Entries 4551
Mean 89.94
RMS 59.12
signal [adc counts]

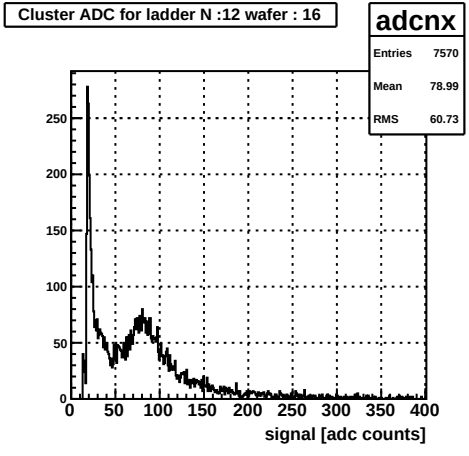

Cluster ADC for ladder N :12 wafer : 15
adcnx
Entries 7606
Mean 76.37
RMS 63.7
signal [adc counts]

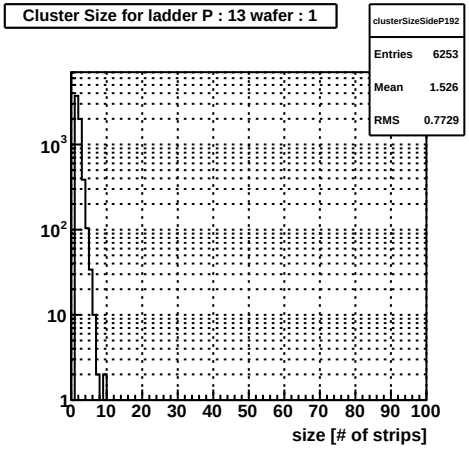

Cluster Size for ladder P : 12 wafer : 16
clusterSizeSideP191
Entries 17652
Mean 1.069
RMS 0.2879
size [# of strips]

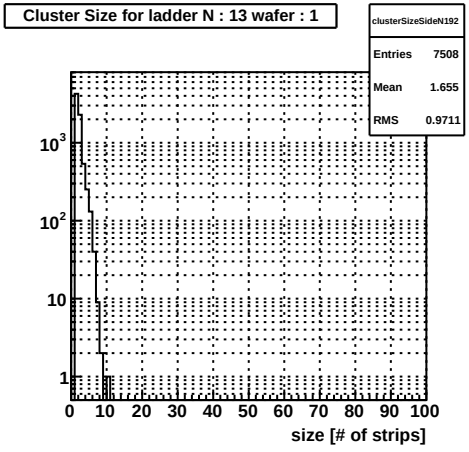

Cluster Size for ladder N : 12 wafer : 16
clusterSizeSideN191
Entries 7570
Mean 1.683
RMS 0.9624
size [# of strips]

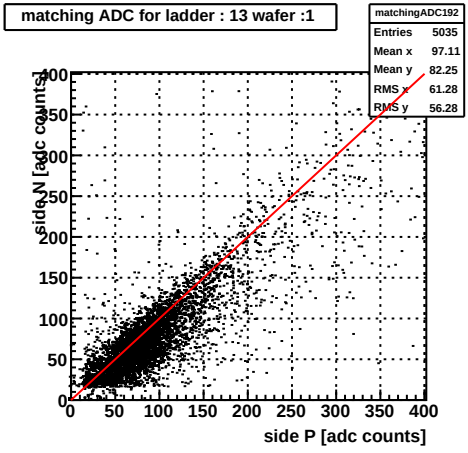

matching ADC for ladder : 12 wafer :16
matchingADC191
Entries 1456
Mean x 50.1
Mean y 69.39
RMS x 46.74
RMS y 58.67
side N [adc counts]
side P [adc counts]

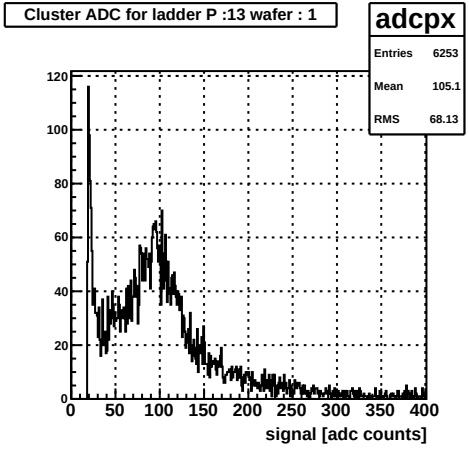

Cluster ADC for ladder P :12 wafer : 16
adcpx
Entries 17652
Mean 27
RMS 19.14
signal [adc counts]

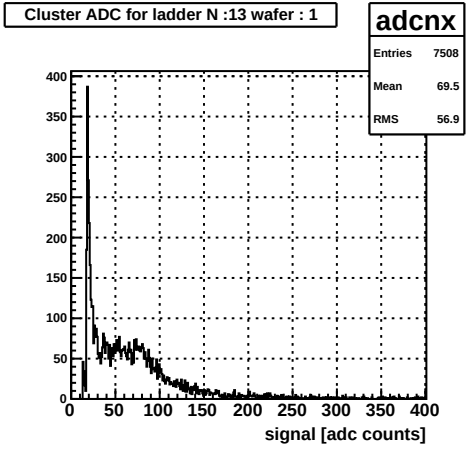

Cluster ADC for ladder N :12 wafer : 16
adcnx
Entries 7570
Mean 78.99
RMS 60.73
signal [adc counts]

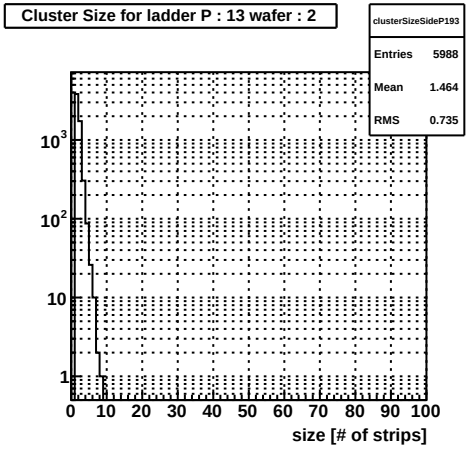

Cluster Size for ladder P : 13 wafer : 1
clusterSizeSideP192
Entries 6253
Mean 1.526
RMS 0.7729
size [# of strips]

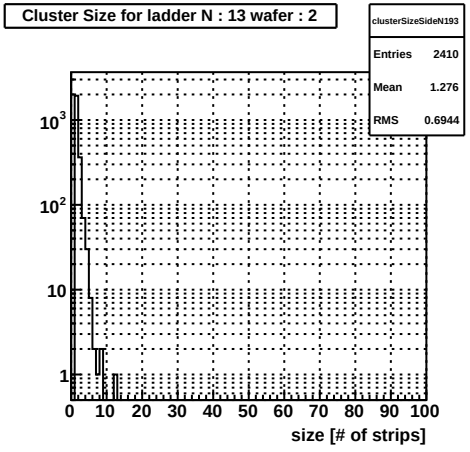

Cluster Size for ladder N : 13 wafer : 1
clusterSizeSideN192
Entries 7508
Mean 1.655
RMS 0.9711
size [# of strips]

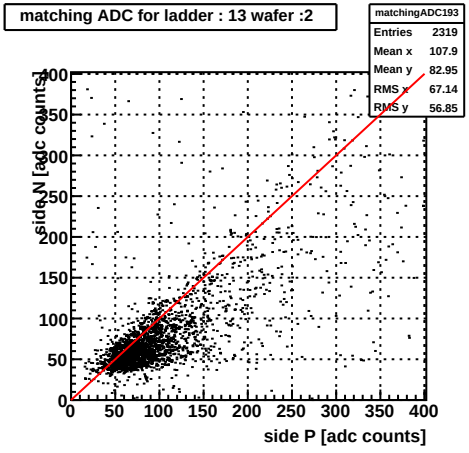

matching ADC for ladder : 13 wafer :1
matchingADC192
Entries 5035
Mean x 97.11
Mean y 82.25
RMS x 61.28
RMS y 56.28
side N [adc counts]
side P [adc counts]

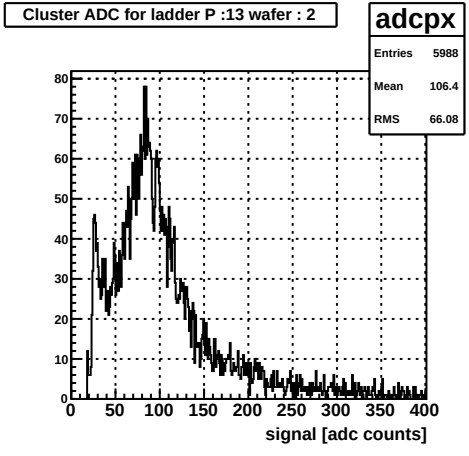

Cluster ADC for ladder P :13 wafer : 1
adcpx
Entries 6253
Mean 105.1
RMS 68.13
signal [adc counts]

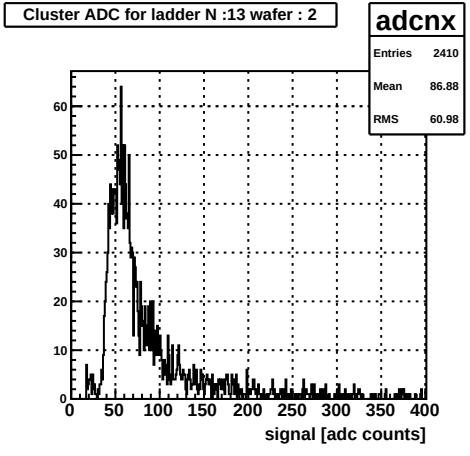

Cluster ADC for ladder N :13 wafer : 1
adcnx
Entries 7508
Mean 69.5
RMS 56.9
signal [adc counts]

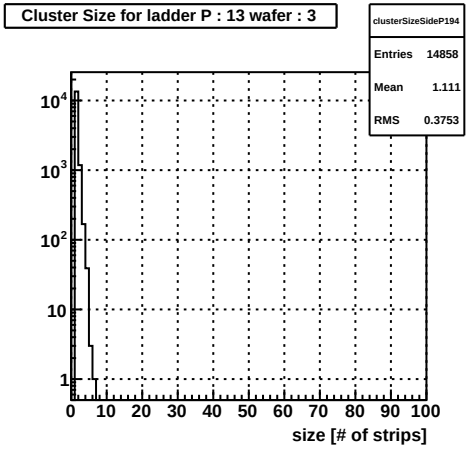

Cluster Size for ladder P : 13 wafer : 2
clusterSizeSideP193
Entries 5988
Mean 1.464
RMS 0.735
size [# of strips]

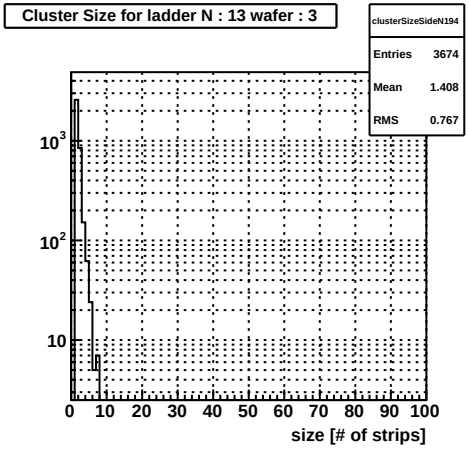

Cluster Size for ladder N : 13 wafer : 2
clusterSizeSideN193
Entries 2410
Mean 1.276
RMS 0.6944
size [# of strips]

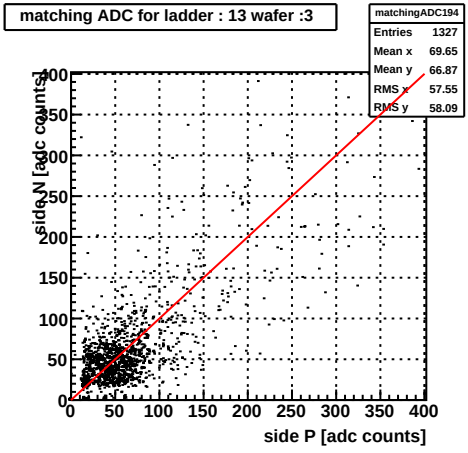

matching ADC for ladder : 13 wafer :2
matchingADC193
Entries 2319
Mean x 107.9
Mean y 82.95
RMS x 67.14
RMS y 56.85
side N [adc counts]
side P [adc counts]

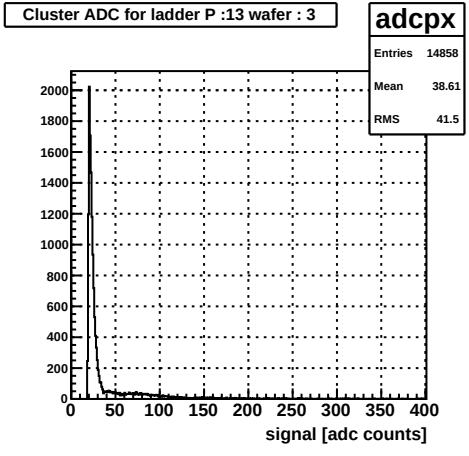

Cluster ADC for ladder P :13 wafer : 2
adcpx
Entries 5988
Mean 106.4
RMS 66.08
signal [adc counts]

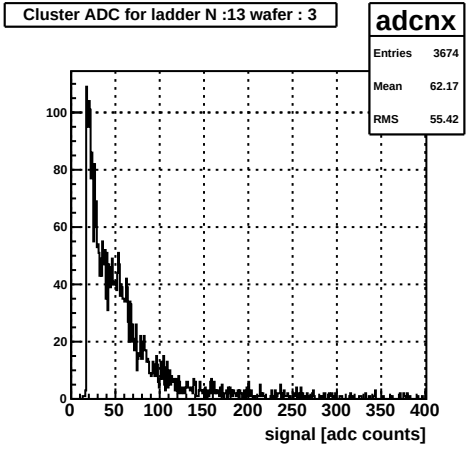

Cluster ADC for ladder N :13 wafer : 2
adcnx
Entries 2410
Mean 86.88
RMS 60.98
signal [adc counts]

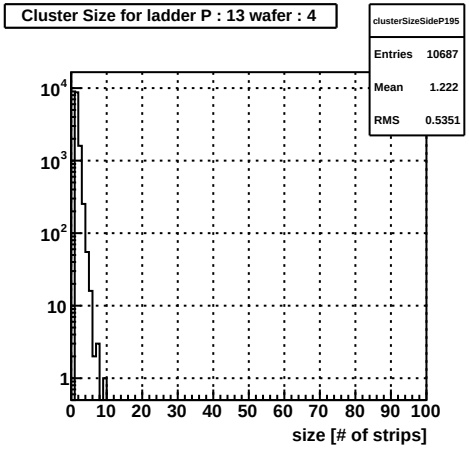

Cluster Size for ladder P : 13 wafer : 3
clusterSizeSideP194
Entries 14858
Mean 1.111
RMS 0.3753
size [# of strips]

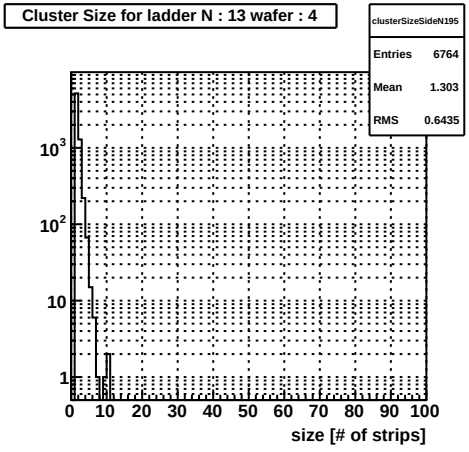

Cluster Size for ladder N : 13 wafer : 3
clusterSizeSideN194
Entries 3674
Mean 1.408
RMS 0.767
size [# of strips]

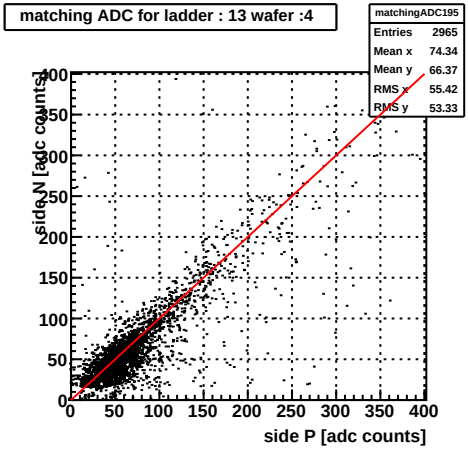

matching ADC for ladder : 13 wafer :3
matchingADC194
Entries 1327
Mean x 69.65
Mean y 66.87
RMS x 57.55
RMS y 58.09
side N [adc counts]
side P [adc counts]

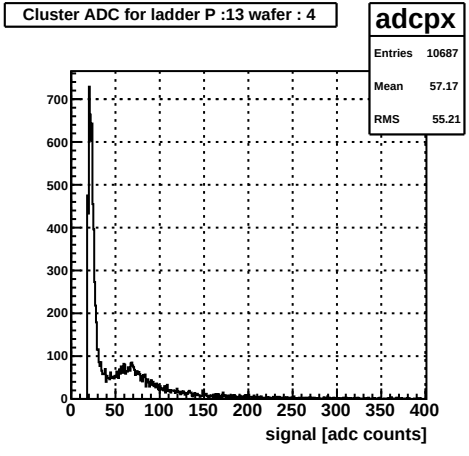

Cluster ADC for ladder P :13 wafer : 3
adcpx
Entries 14858
Mean 38.61
RMS 41.5
signal [adc counts]

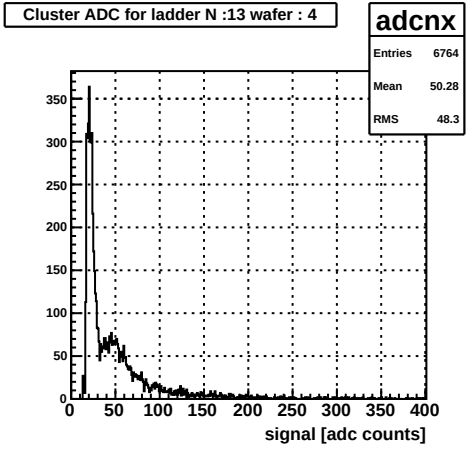

Cluster ADC for ladder N :13 wafer : 3
adcnx
Entries 3674
Mean 62.17
RMS 55.42
signal [adc counts]

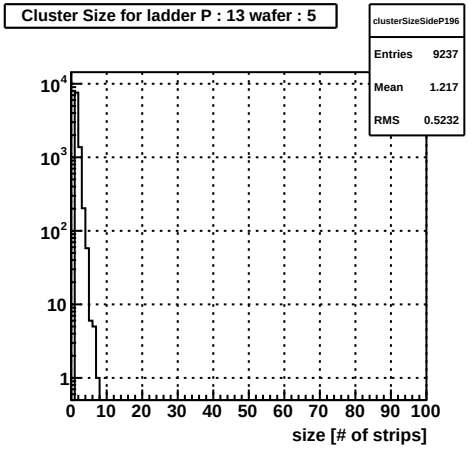

Cluster Size for ladder P : 13 wafer : 4
clusterSizeSideP195
Entries 10687
Mean 1.222
RMS 0.5351
size [# of strips]

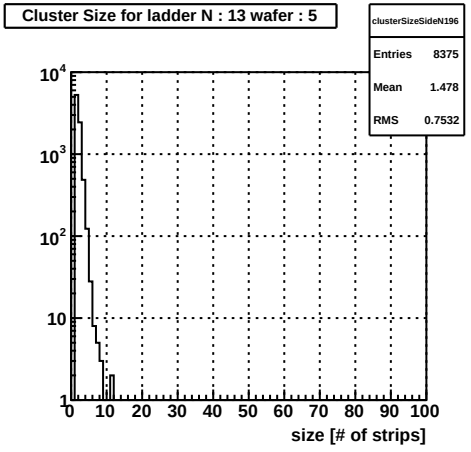

Cluster Size for ladder N : 13 wafer : 4
clusterSizeSideN195
Entries 6764
Mean 1.303
RMS 0.6435
size [# of strips]

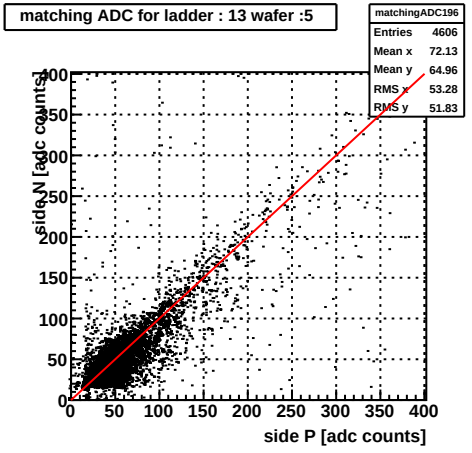

matching ADC for ladder : 13 wafer :4
matchingADC195
Entries 2965
Mean x 74.34
Mean y 66.37
RMS x 55.42
RMS y 53.33
side N [adc counts]
side P [adc counts]

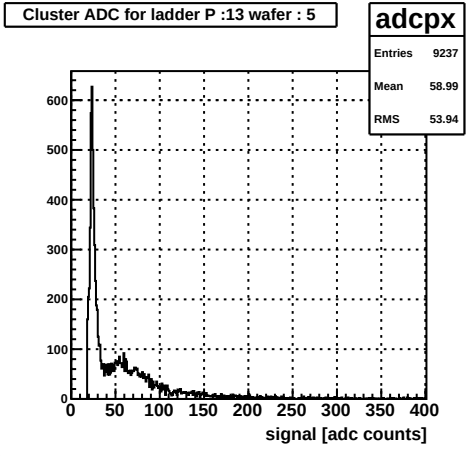

Cluster ADC for ladder P :13 wafer : 4
adcpx
Entries 10687
Mean 57.17
RMS 55.21
signal [adc counts]

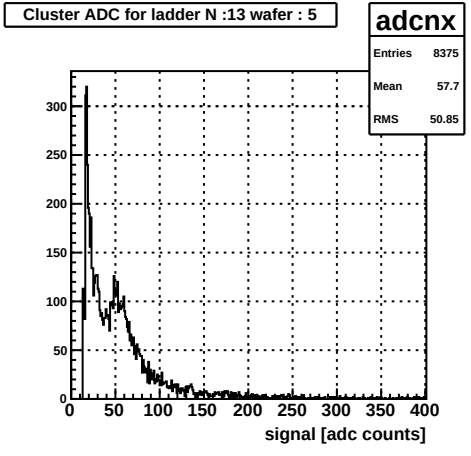

Cluster ADC for ladder N :13 wafer : 4
adcnx
Entries 6764
Mean 50.28
RMS 48.3
signal [adc counts]

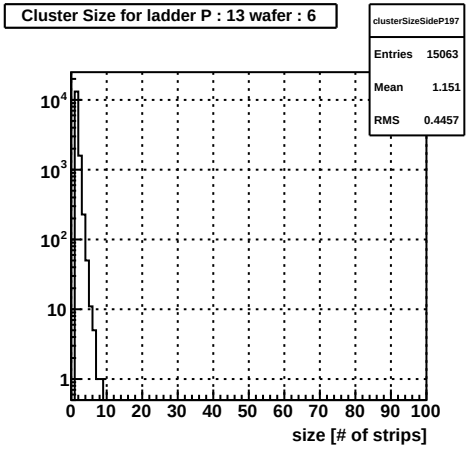

Cluster Size for ladder P : 13 wafer : 5
clusterSizeSideP196
Entries 9237
Mean 1.217
RMS 0.5232
size [# of strips]

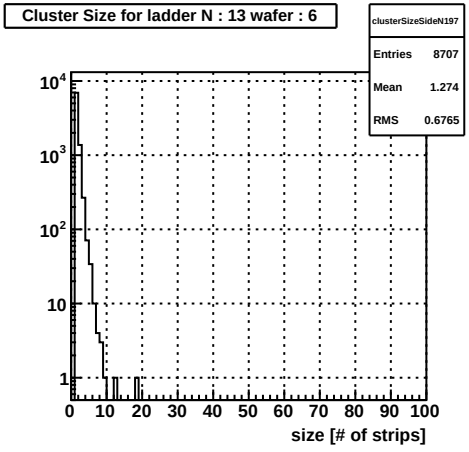

Cluster Size for ladder N : 13 wafer : 5
clusterSizeSideN196
Entries 8375
Mean 1.478
RMS 0.7532
size [# of strips]

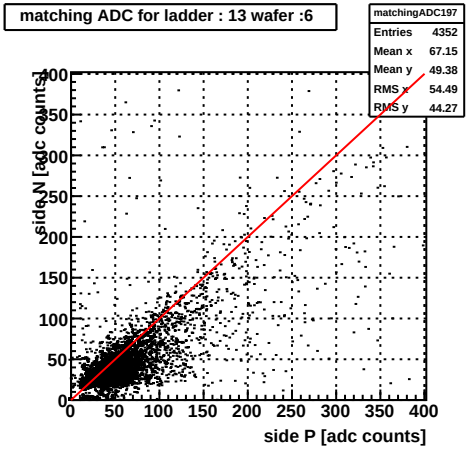

matching ADC for ladder : 13 wafer :5
matchingADC196
Entries 4606
Mean x 72.13
Mean y 64.96
RMS x 53.28
RMS y 51.83
side N [adc counts]
side P [adc counts]

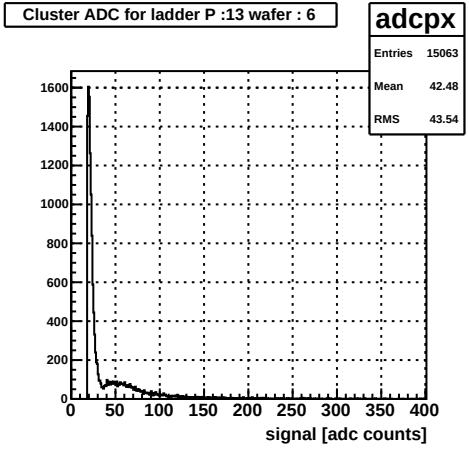

Cluster ADC for ladder P :13 wafer : 5
adcpx
Entries 9237
Mean 58.99
RMS 53.94
signal [adc counts]

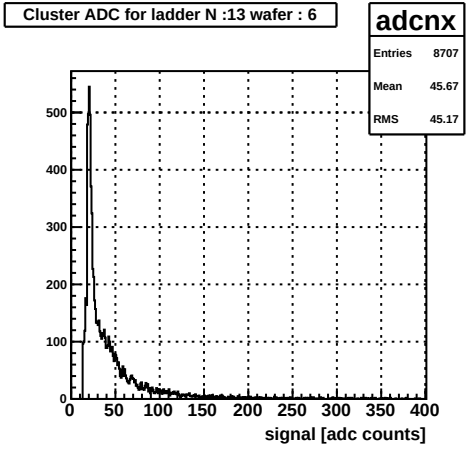

Cluster ADC for ladder N :13 wafer : 5
adcnx
Entries 8375
Mean 57.7
RMS 50.85
signal [adc counts]

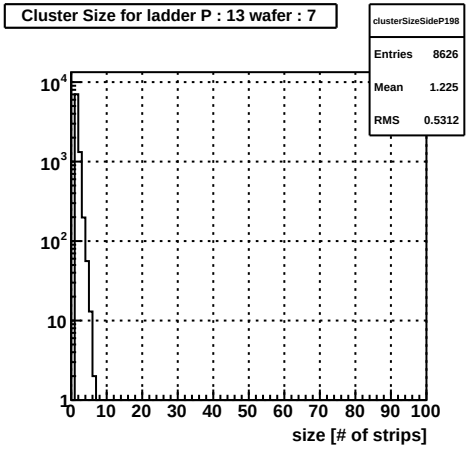

Cluster Size for ladder P : 13 wafer : 6
clusterSizeSideP197
Entries 15063
Mean 1.151
RMS 0.4457
size [# of strips]

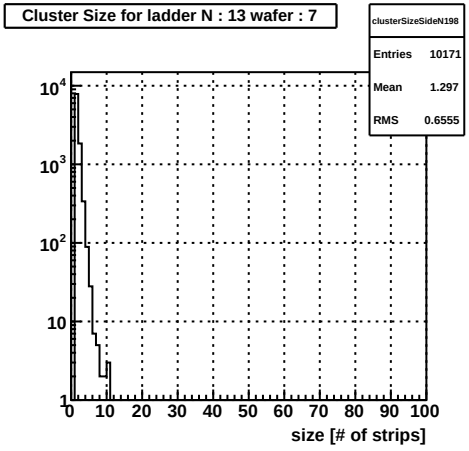

Cluster Size for ladder N : 13 wafer : 6
clusterSizeSideN197
Entries 8707
Mean 1.274
RMS 0.6765
size [# of strips]

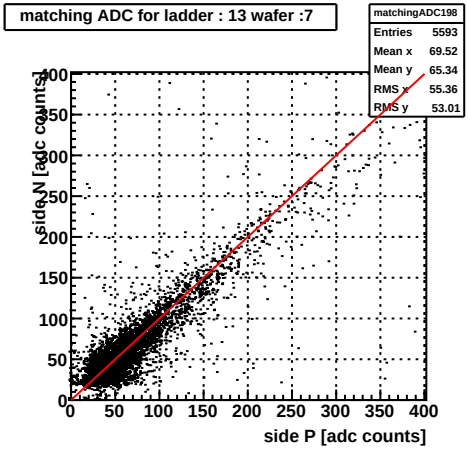

matching ADC for ladder : 13 wafer :6
matchingADC197
Entries 4352
Mean x 67.15
Mean y 49.38
RMS x 54.49
RMS y 44.27
side N [adc counts]
side P [adc counts]

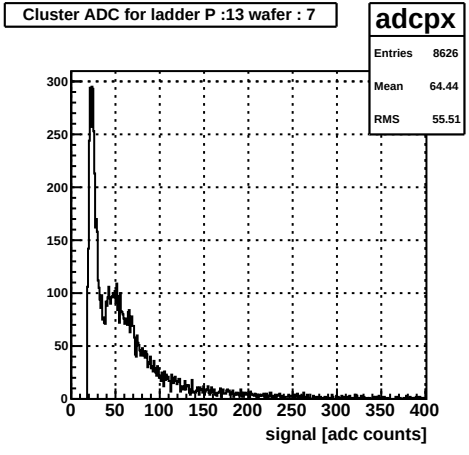

Cluster ADC for ladder P :13 wafer : 6
adcpx
Entries 15063
Mean 42.48
RMS 43.54
signal [adc counts]

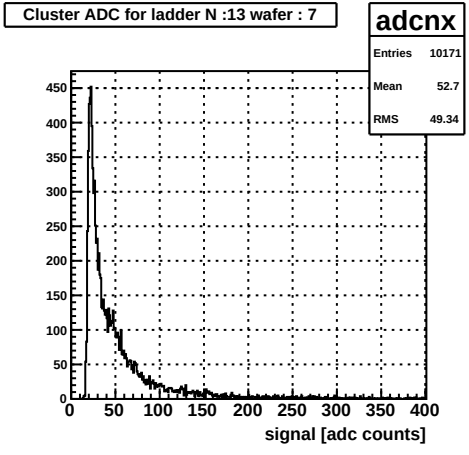

Cluster ADC for ladder N :13 wafer : 6
adcnx
Entries 8707
Mean 45.67
RMS 45.17
signal [adc counts]

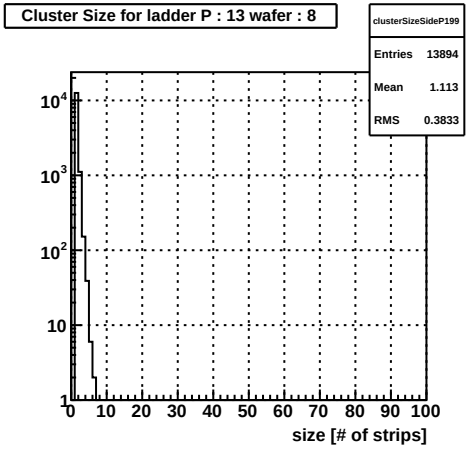

Cluster Size for ladder P : 13 wafer : 7
clusterSizeSideP198
Entries 8626
Mean 1.225
RMS 0.5312
size [# of strips]

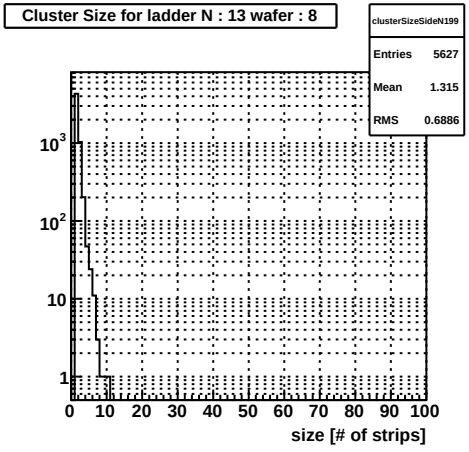

Cluster Size for ladder N : 13 wafer : 7
clusterSizeSideN198
Entries 10171
Mean 1.297
RMS 0.6555
size [# of strips]

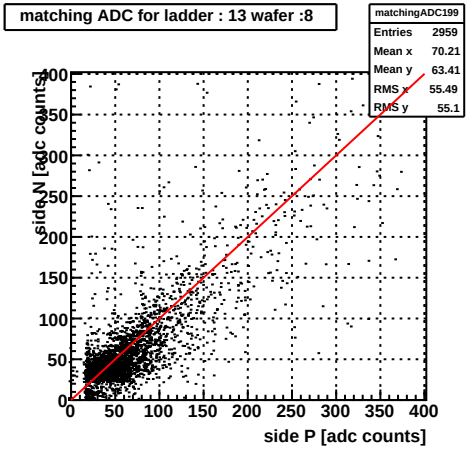

matching ADC for ladder : 13 wafer :7
matchingADC198
Entries 5593
Mean x 69.52
Mean y 65.34
RMS x 55.36
RMS y 53.01
side N [adc counts]
side P [adc counts]

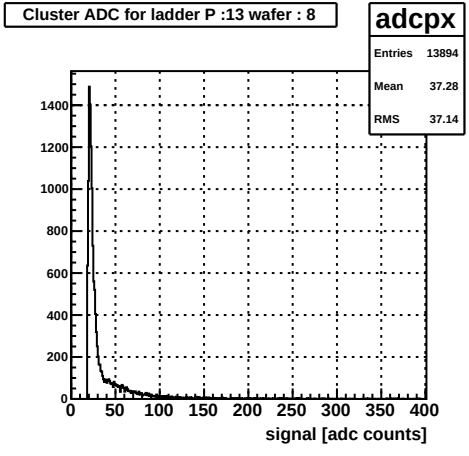

Cluster ADC for ladder P :13 wafer : 7
adcpx
Entries 8626
Mean 64.44
RMS 55.51
signal [adc counts]

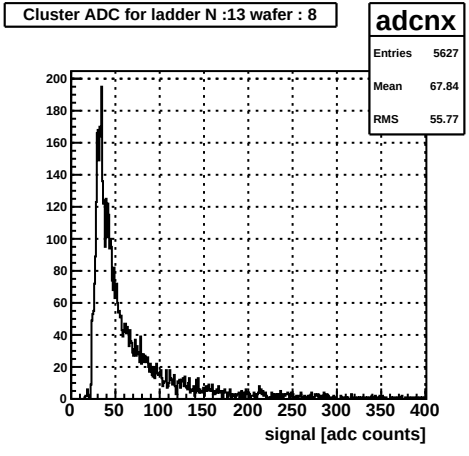

Cluster ADC for ladder N :13 wafer : 7
adcnx
Entries 10171
Mean 52.7
RMS 49.34
signal [adc counts]

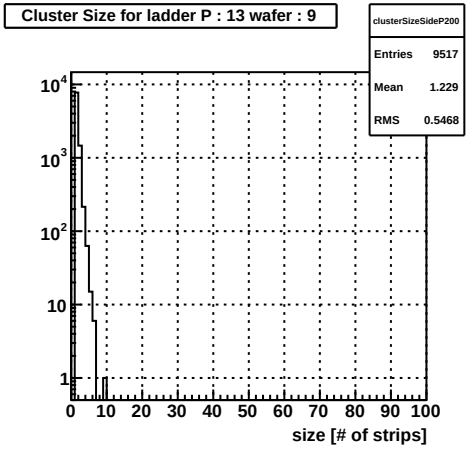

Cluster Size for ladder P : 13 wafer : 8
clusterSizeSideP199
Entries 13894
Mean 1.113
RMS 0.3833
size [# of strips]

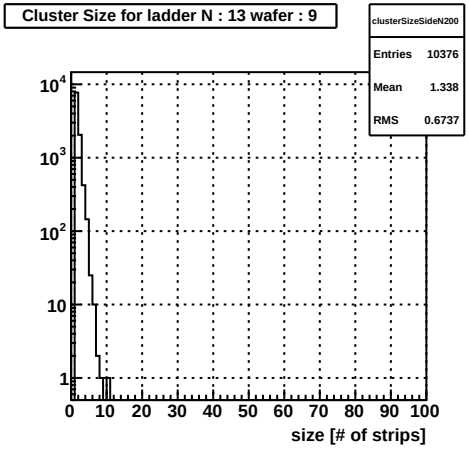

Cluster Size for ladder N : 13 wafer : 8
clusterSizeSideN199
Entries 5627
Mean 1.315
RMS 0.6886
size [# of strips]

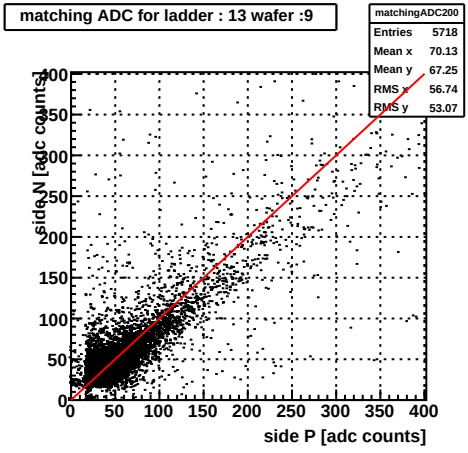

matching ADC for ladder : 13 wafer :8
matchingADC199
Entries 2959
Mean x 70.21
Mean y 63.41
RMS x 55.49
RMS y 55.1
side N [adc counts]
side P [adc counts]

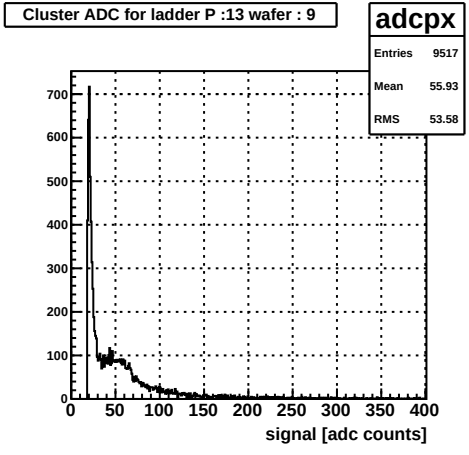

Cluster ADC for ladder P :13 wafer : 8
adcpx
Entries 13894
Mean 37.28
RMS 37.14
signal [adc counts]

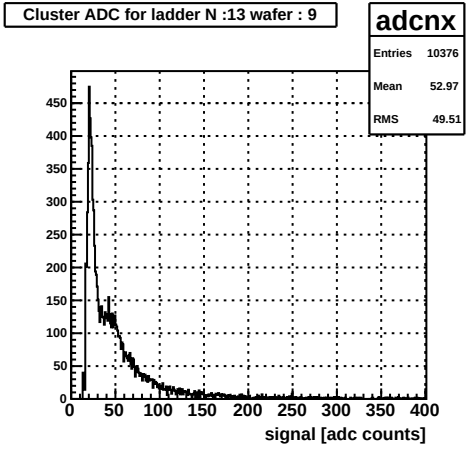

Cluster ADC for ladder N :13 wafer : 8
adcnx
Entries 5627
Mean 67.84
RMS 55.77
signal [adc counts]

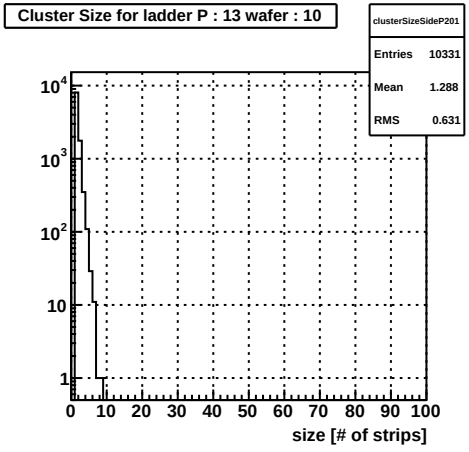

Cluster Size for ladder P : 13 wafer : 9
clusterSizeSideP200
Entries 9517
Mean 1.229
RMS 0.5468
size [# of strips]

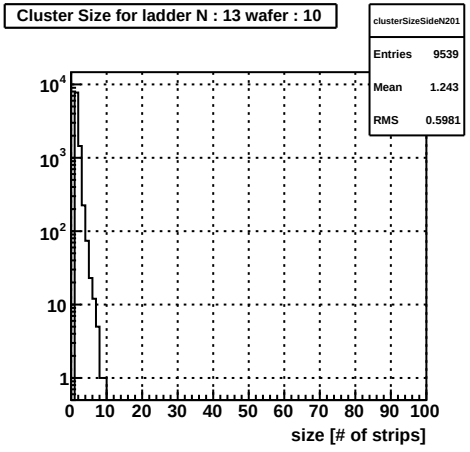

Cluster Size for ladder N : 13 wafer : 9
clusterSizeSideN200
Entries 10376
Mean 1.338
RMS 0.6737
size [# of strips]

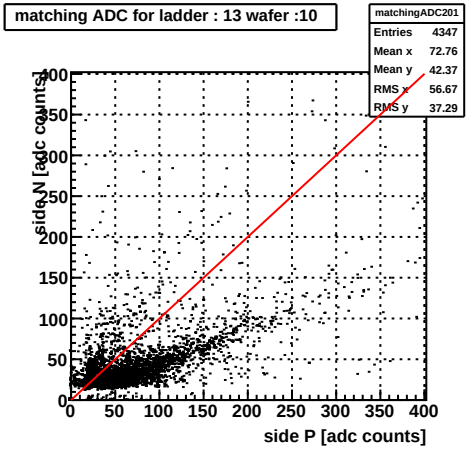

matching ADC for ladder : 13 wafer :9
matchingADC200
Entries 5718
Mean x 70.13
Mean y 67.25
RMS x 56.74
RMS y 53.07
side N [adc counts]
side P [adc counts]

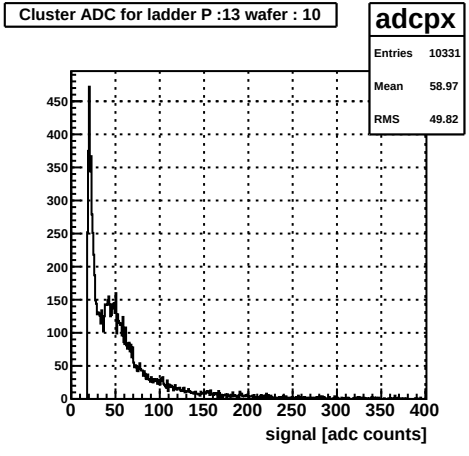

Cluster ADC for ladder P :13 wafer : 9
adcpx
Entries 9517
Mean 55.93
RMS 53.58
signal [adc counts]

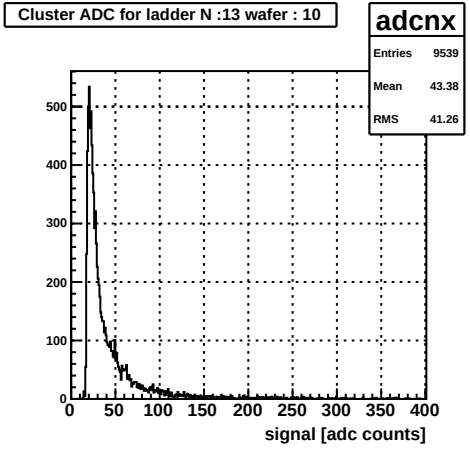

Cluster ADC for ladder N :13 wafer : 9
adcnx
Entries 10376
Mean 52.97
RMS 49.51
signal [adc counts]

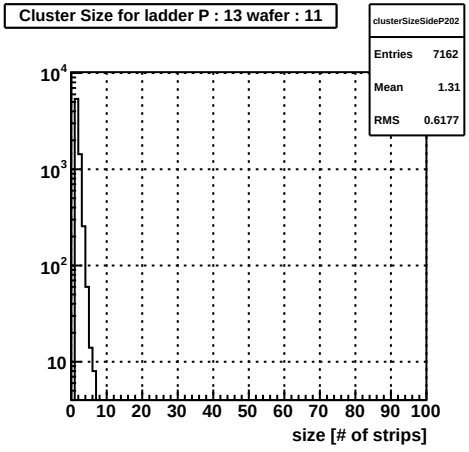

Cluster Size for ladder P : 13 wafer : 10
clusterSizeSideP201
Entries 10331
Mean 1.288
RMS 0.631
size [# of strips]

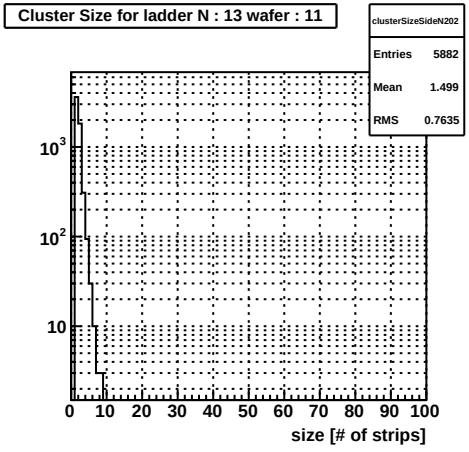

Cluster Size for ladder N : 13 wafer : 10
clusterSizeSideN201
Entries 9539
Mean 1.243
RMS 0.5981
size [# of strips]

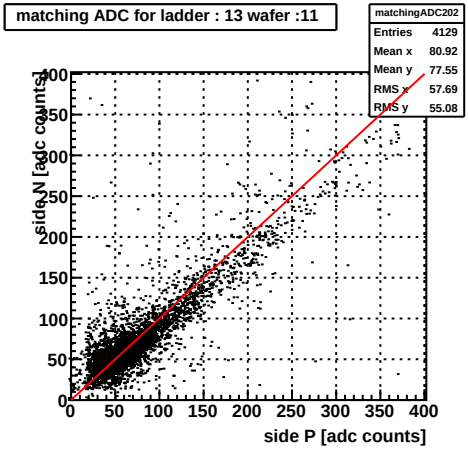

matching ADC for ladder : 13 wafer :10
matchingADC201
Entries 4347
Mean x 72.76
Mean y 42.37
RMS x 56.67
RMS y 37.29
side N [adc counts]
side P [adc counts]

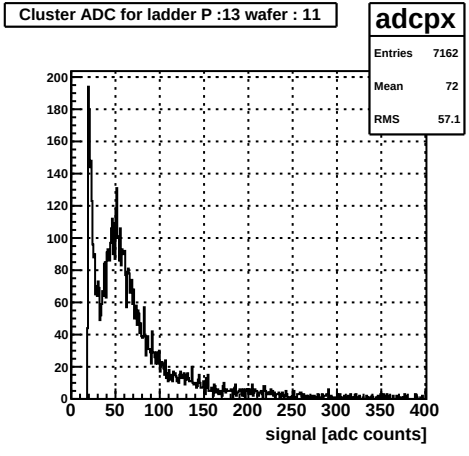

Cluster ADC for ladder P :13 wafer : 10
adcpx
Entries 10331
Mean 58.97
RMS 49.82
signal [adc counts]

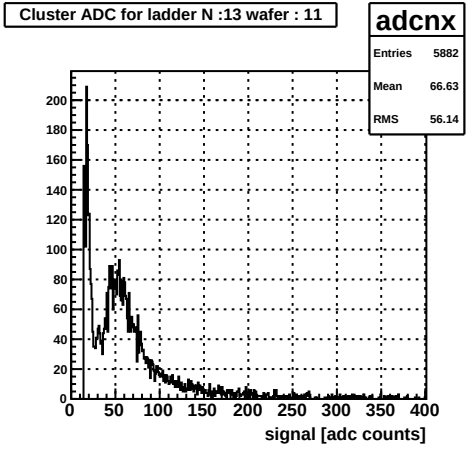

Cluster ADC for ladder N :13 wafer : 10
adcnx
Entries 9539
Mean 43.38
RMS 41.26
signal [adc counts]

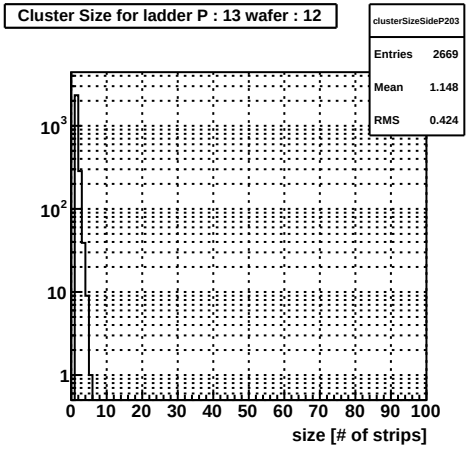

Cluster Size for ladder P : 13 wafer : 11
clusterSizeSideP202
Entries 7162
Mean 1.31
RMS 0.6177
size [# of strips]

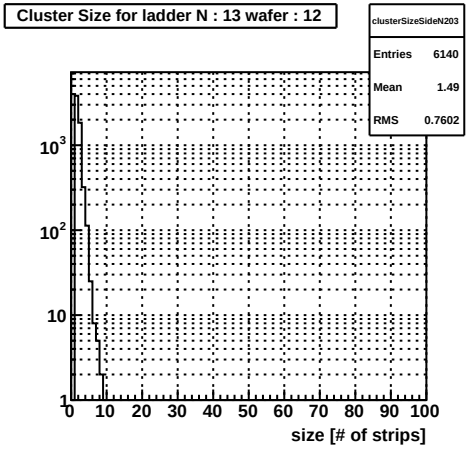

Cluster Size for ladder N : 13 wafer : 11
clusterSizeSideN202
Entries 5882
Mean 1.499
RMS 0.7635
size [# of strips]

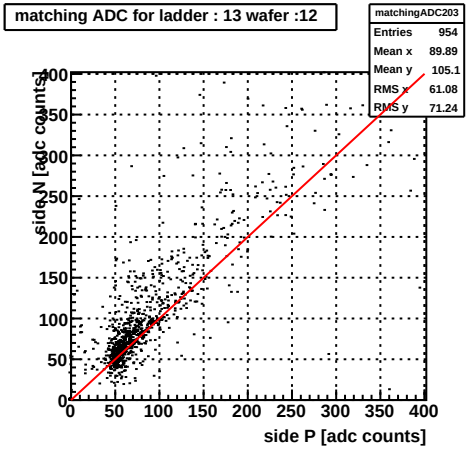

matching ADC for ladder : 13 wafer :11
matchingADC202
Entries 4129
Mean x 80.92
Mean y 77.55
RMS x 57.69
RMS y 55.08
side N [adc counts]
side P [adc counts]

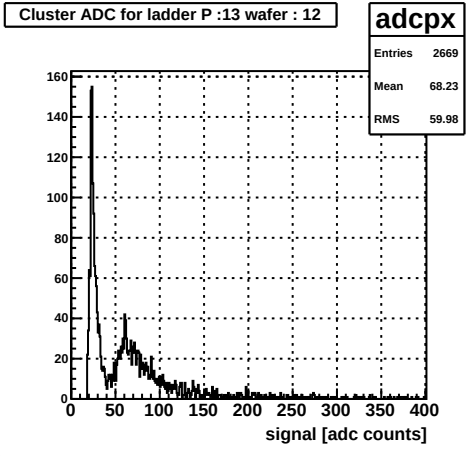

Cluster ADC for ladder P :13 wafer : 11
adcpx
Entries 7162
Mean 72
RMS 57.1
signal [adc counts]

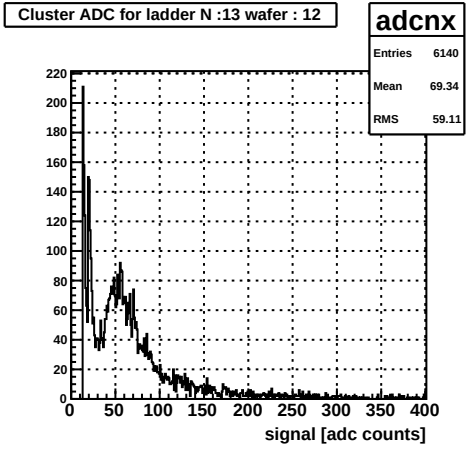

Cluster ADC for ladder N :13 wafer : 11
adcnx
Entries 5882
Mean 66.63
RMS 56.14
signal [adc counts]

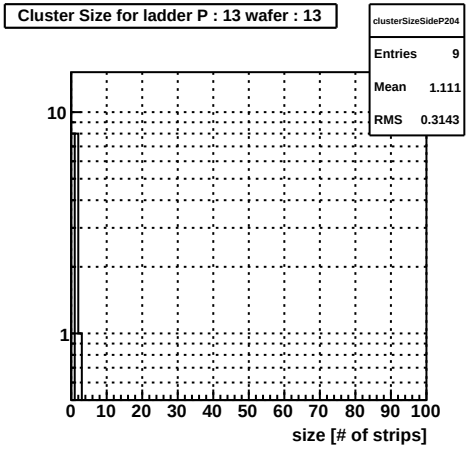

Cluster Size for ladder P : 13 wafer : 12
clusterSizeSideP203
Entries 2669
Mean 1.148
RMS 0.424
size [# of strips]

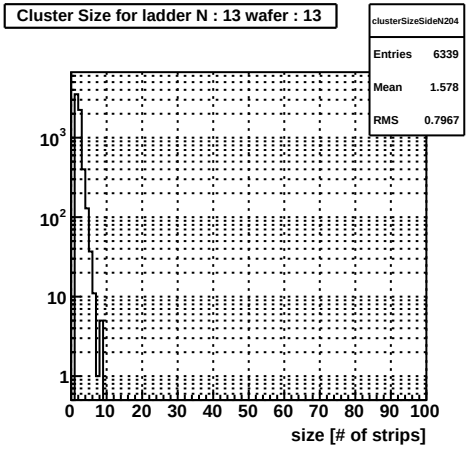

Cluster Size for ladder N : 13 wafer : 12
clusterSizeSideN203
Entries 6140
Mean 1.49
RMS 0.7602
size [# of strips]

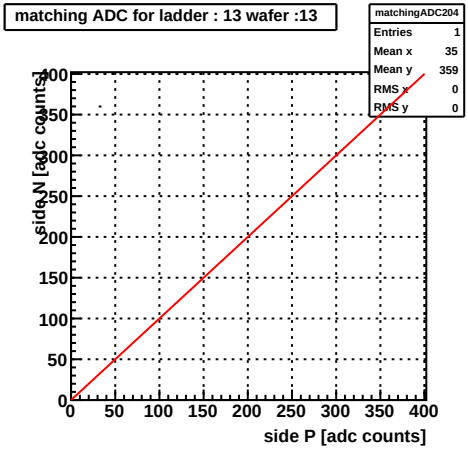

matching ADC for ladder : 13 wafer :12
matchingADC203
Entries 954
Mean x 89.89
Mean y 105.1
RMS x 61.08
RMS y 71.24
side N [adc counts]
side P [adc counts]

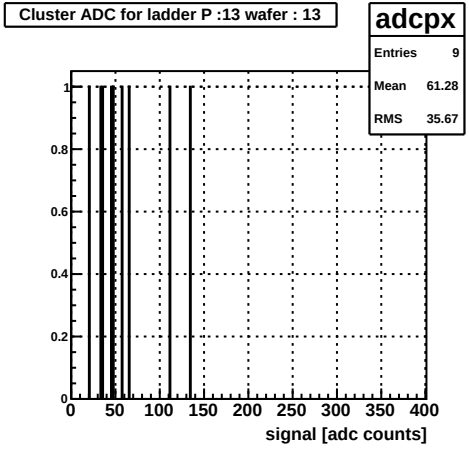

Cluster ADC for ladder P :13 wafer : 12
adcpx
Entries 2669
Mean 68.23
RMS 59.98
signal [adc counts]

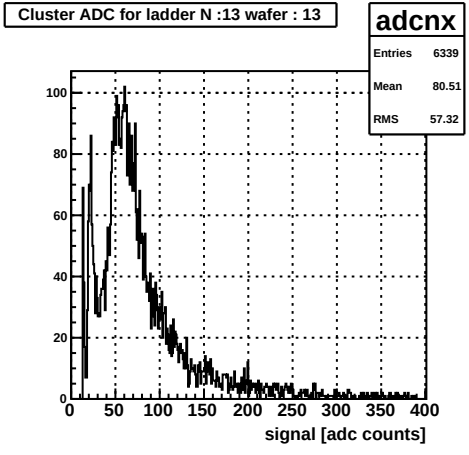

Cluster ADC for ladder N :13 wafer : 12
adcnx
Entries 6140
Mean 69.34
RMS 59.11
signal [adc counts]

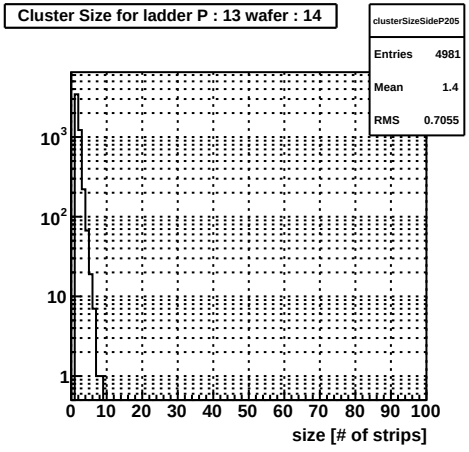

Cluster Size for ladder P : 13 wafer : 13
clusterSizeSideP204
Entries 9
Mean 1.111
RMS 0.3143
size [# of strips]

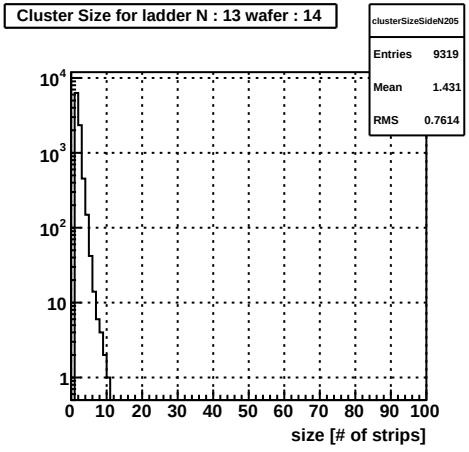

Cluster Size for ladder N : 13 wafer : 13
clusterSizeSideN204
Entries 6339
Mean 1.578
RMS 0.7967
size [# of strips]

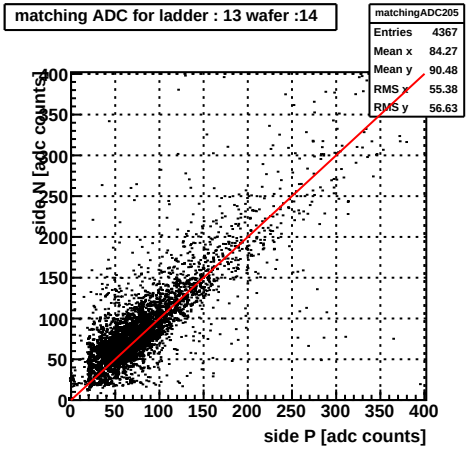

matching ADC for ladder : 13 wafer :13
matchingADC204
Entries 1
Mean x 35
Mean y 359
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

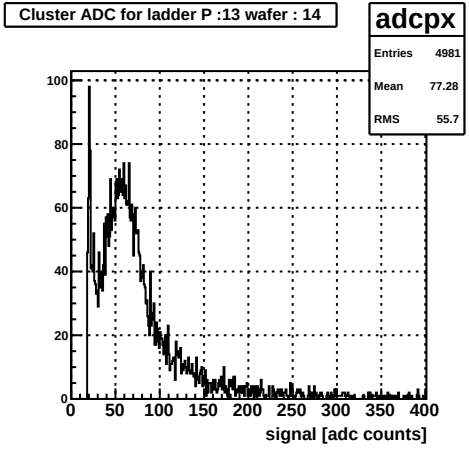

Cluster ADC for ladder P :13 wafer : 13
adcpx
Entries 9
Mean 61.28
RMS 35.67
signal [adc counts]

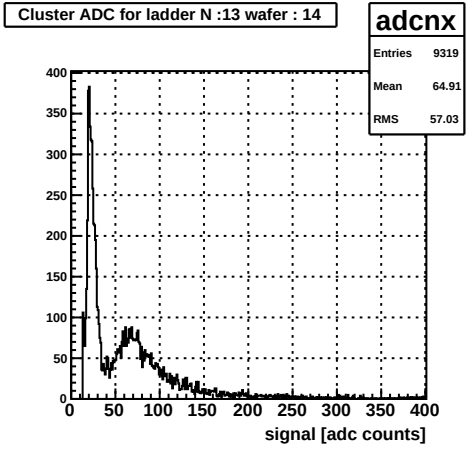

Cluster ADC for ladder N :13 wafer : 13
adcnx
Entries 6339
Mean 80.51
RMS 57.32
signal [adc counts]

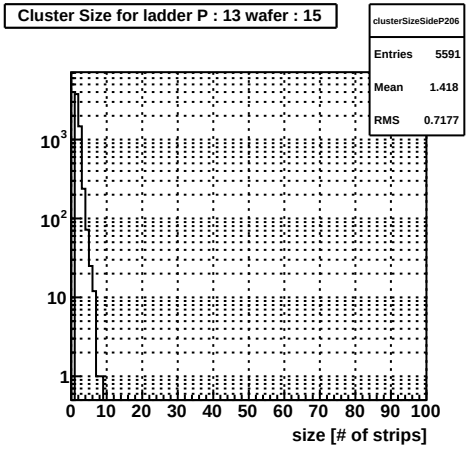

Cluster Size for ladder P : 13 wafer : 14
clusterSizeSideP205
Entries 4981
Mean 1.4
RMS 0.7055
size [# of strips]

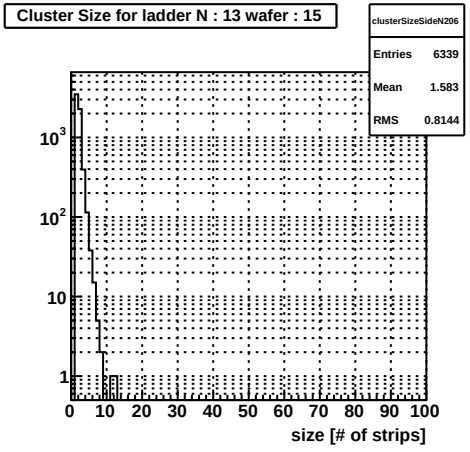

Cluster Size for ladder N : 13 wafer : 14
clusterSizeSideN205
Entries 9319
Mean 1.431
RMS 0.7614
size [# of strips]

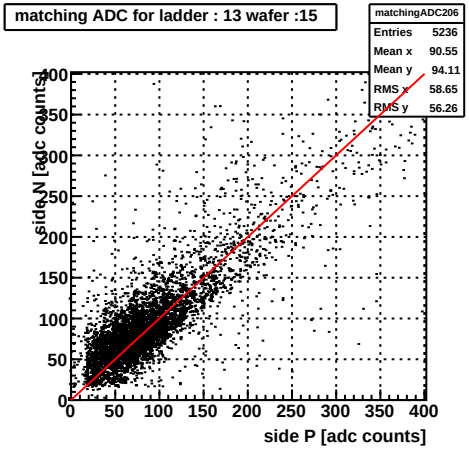

matching ADC for ladder : 13 wafer :14
matchingADC205
Entries 4367
Mean x 84.27
Mean y 90.48
RMS x 55.38
RMS y 56.63
side N [adc counts]
side P [adc counts]

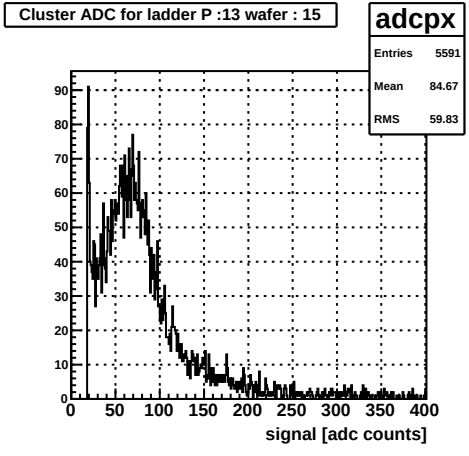

Cluster ADC for ladder P :13 wafer : 14
adcpx
Entries 4981
Mean 77.28
RMS 55.7
signal [adc counts]

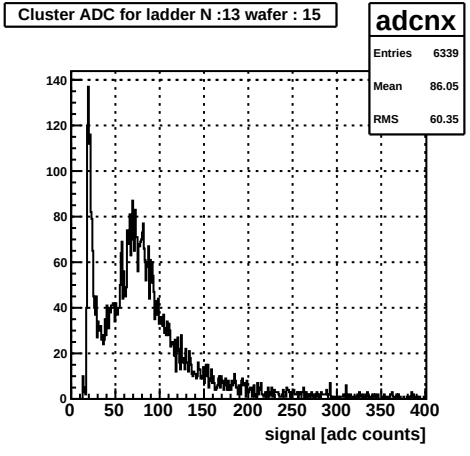

Cluster ADC for ladder N :13 wafer : 14
adcnx
Entries 9319
Mean 64.91
RMS 57.03
signal [adc counts]

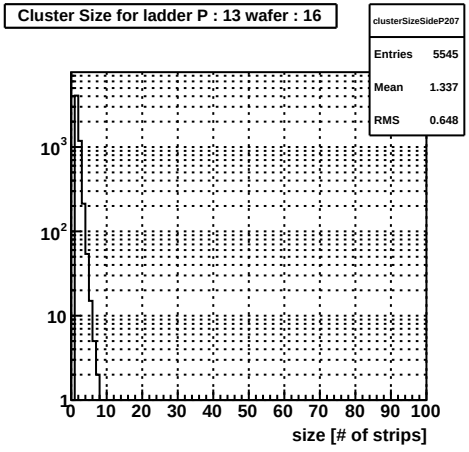

Cluster Size for ladder P : 13 wafer : 15
clusterSizeSideP206
Entries 5591
Mean 1.418
RMS 0.7177
size [# of strips]

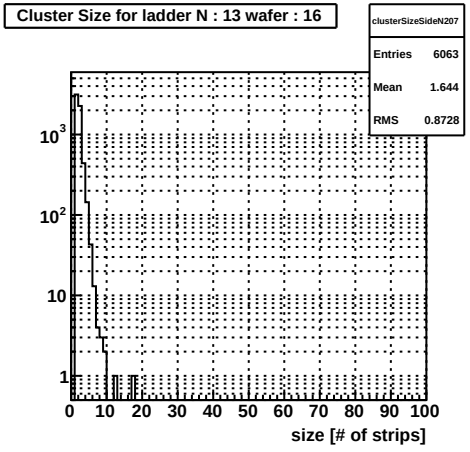

Cluster Size for ladder N : 13 wafer : 15
clusterSizeSideN206
Entries 6339
Mean 1.583
RMS 0.8144
size [# of strips]

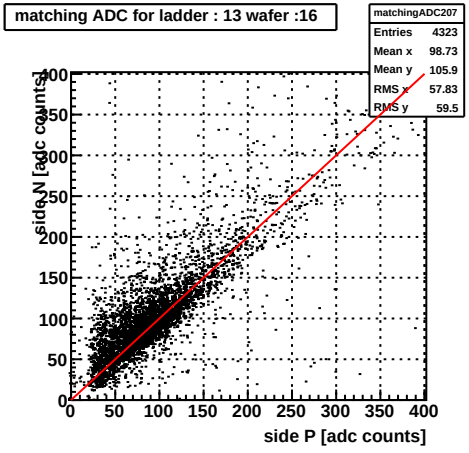

matching ADC for ladder : 13 wafer :15
matchingADC206
Entries 5236
Mean x 90.55
Mean y 94.11
RMS x 58.65
RMS y 56.26
side N [adc counts]
side P [adc counts]

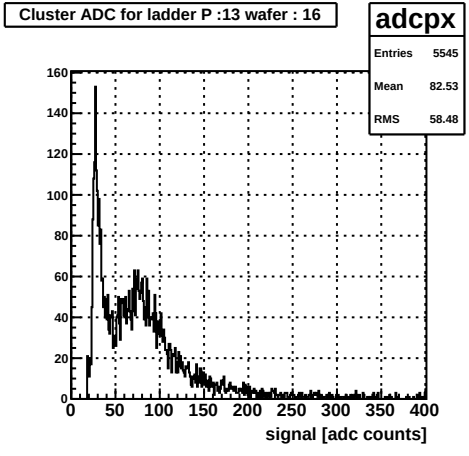

Cluster ADC for ladder P :13 wafer : 15
adcpx
Entries 5591
Mean 84.67
RMS 59.83
signal [adc counts]

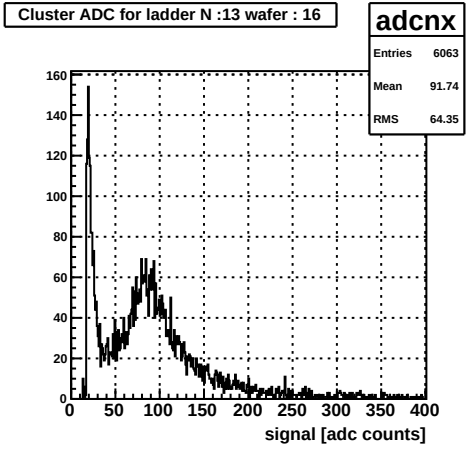

Cluster ADC for ladder N :13 wafer : 15
adcnx
Entries 6339
Mean 86.05
RMS 60.35
signal [adc counts]

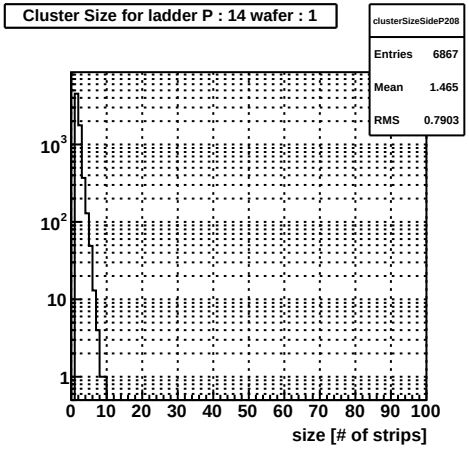

Cluster Size for ladder P : 13 wafer : 16
clusterSizeSideP207
Entries 5545
Mean 1.337
RMS 0.648
size [# of strips]

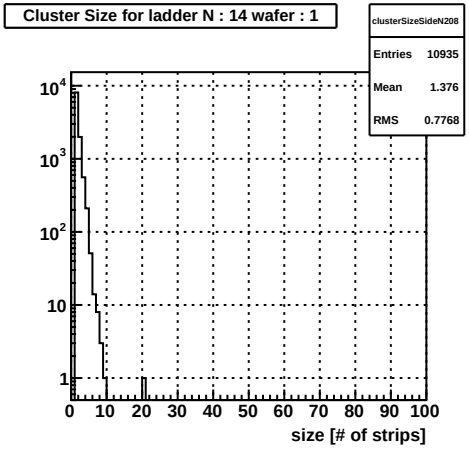

Cluster Size for ladder N : 13 wafer : 16
clusterSizeSideN207
Entries 6063
Mean 1.644
RMS 0.8728
size [# of strips]

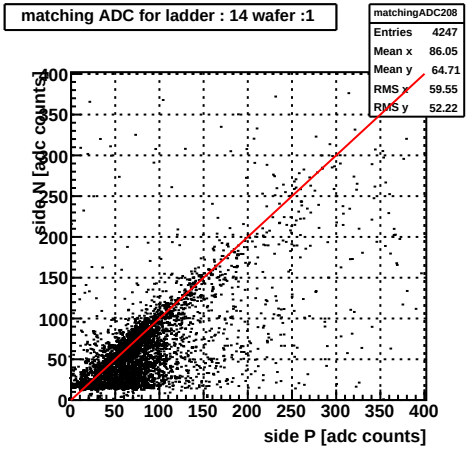

matching ADC for ladder : 13 wafer :16
matchingADC207
Entries 4323
Mean x 98.73
Mean y 105.9
RMS x 57.83
RMS y 59.5
side N [adc counts]
side P [adc counts]

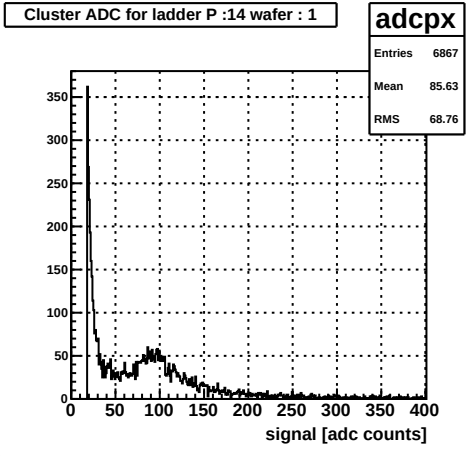

Cluster ADC for ladder P :13 wafer : 16
adcpx
Entries 5545
Mean 82.53
RMS 58.48
signal [adc counts]

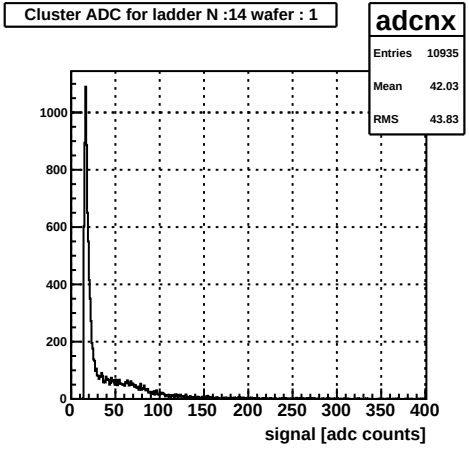

Cluster ADC for ladder N :13 wafer : 16
adcnx
Entries 6063
Mean 91.74
RMS 64.35
signal [adc counts]

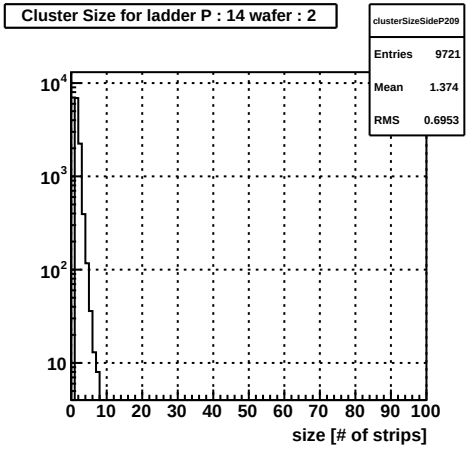

Cluster Size for ladder P : 14 wafer : 1
clusterSizeSideP208
Entries 6867
Mean 1.465
RMS 0.7903
size [# of strips]

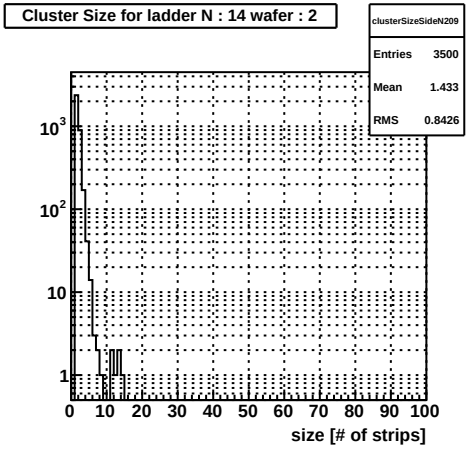

Cluster Size for ladder N : 14 wafer : 1
clusterSizeSideN208
Entries 10935
Mean 1.376
RMS 0.7768
size [# of strips]

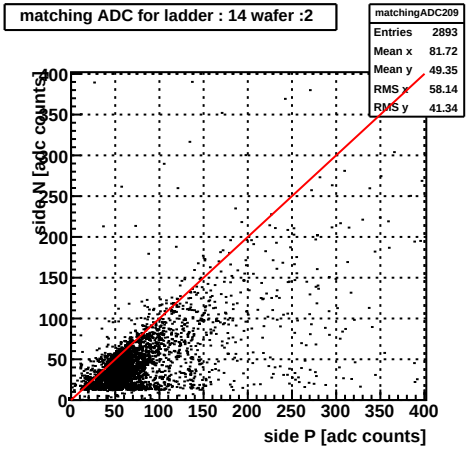

matching ADC for ladder : 14 wafer :1
matchingADC208
Entries 4247
Mean x 86.05
Mean y 64.71
RMS x 59.55
RMS y 52.22
side N [adc counts]
side P [adc counts]

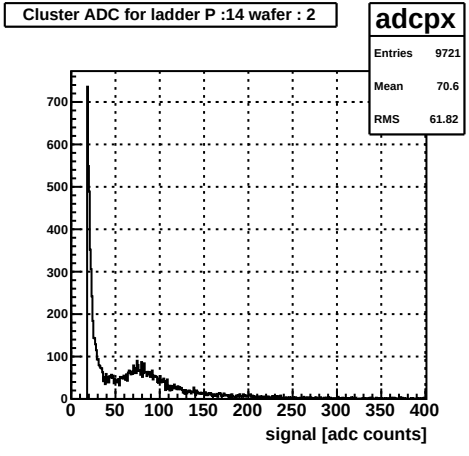

Cluster ADC for ladder P :14 wafer : 1
adcpx
Entries 6867
Mean 85.63
RMS 68.76
signal [adc counts]

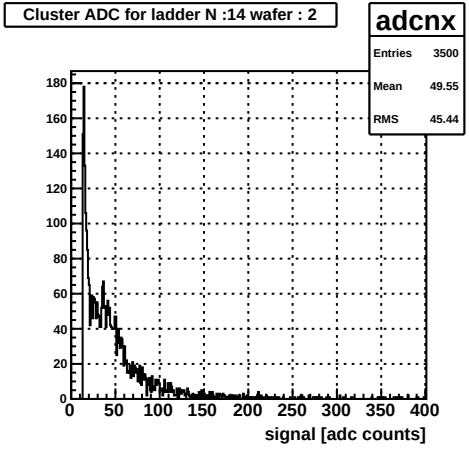

Cluster ADC for ladder N :14 wafer : 1
adcnx
Entries 10935
Mean 42.03
RMS 43.83
signal [adc counts]

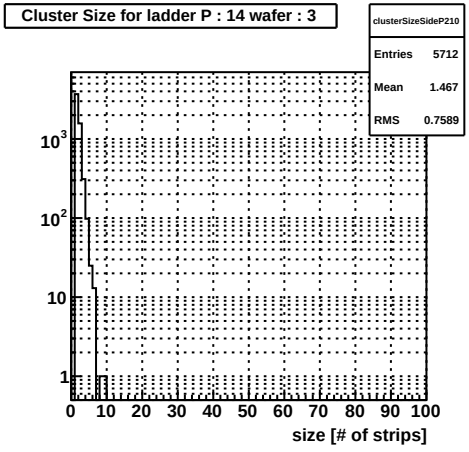

Cluster Size for ladder P : 14 wafer : 2
clusterSizeSideP209
Entries 9721
Mean 1.374
RMS 0.6953
size [# of strips]

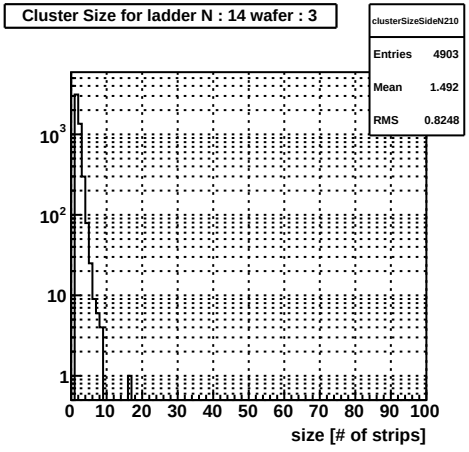

Cluster Size for ladder N : 14 wafer : 2
clusterSizeSideN209
Entries 3500
Mean 1.433
RMS 0.8426
size [# of strips]

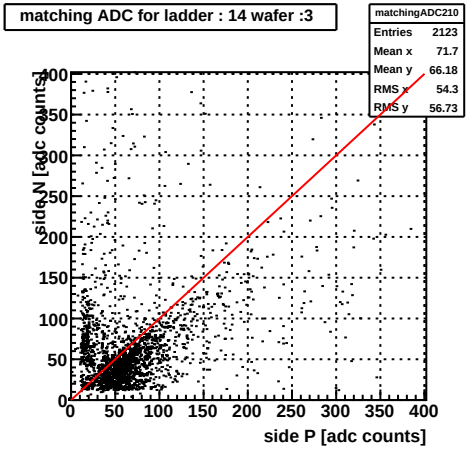

matching ADC for ladder : 14 wafer :2
matchingADC209
Entries 2893
Mean x 81.72
Mean y 49.35
RMS x 58.14
RMS y 41.34
side N [adc counts]
side P [adc counts]

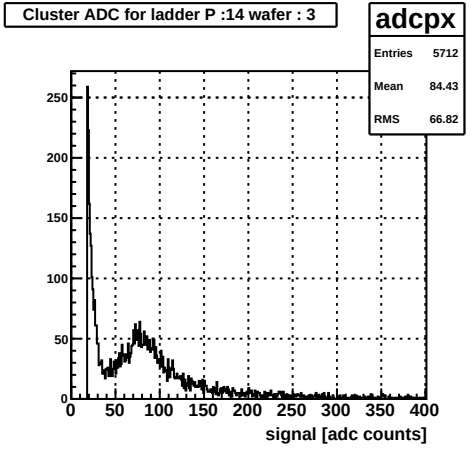

Cluster ADC for ladder P :14 wafer : 2
adcpx
Entries 9721
Mean 70.6
RMS 61.82
signal [adc counts]

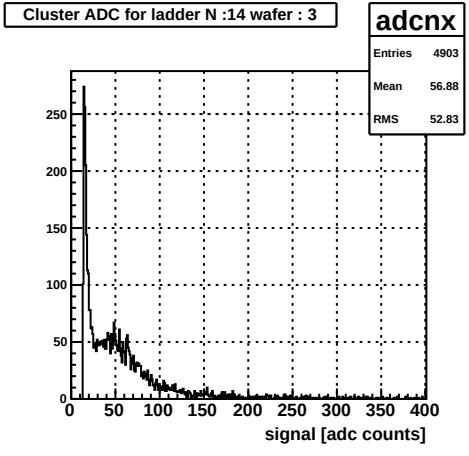

Cluster ADC for ladder N :14 wafer : 2
adcnx
Entries 3500
Mean 49.55
RMS 45.44
signal [adc counts]

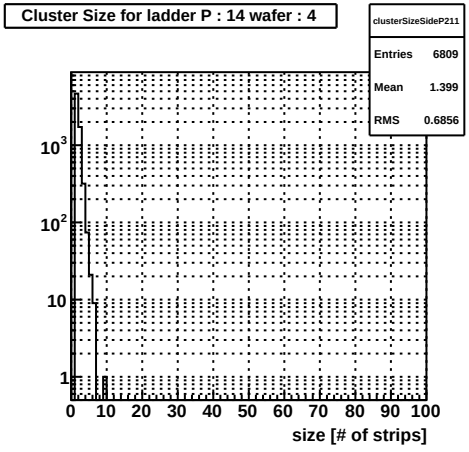

Cluster Size for ladder P : 14 wafer : 3
clusterSizeSideP210
Entries 5712
Mean 1.467
RMS 0.7589
size [# of strips]

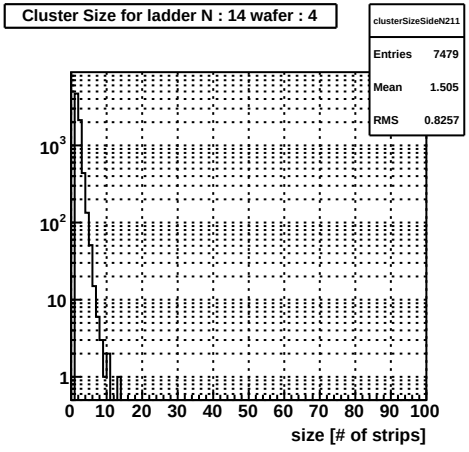

Cluster Size for ladder N : 14 wafer : 3
clusterSizeSideN210
Entries 4903
Mean 1.492
RMS 0.8248
size [# of strips]

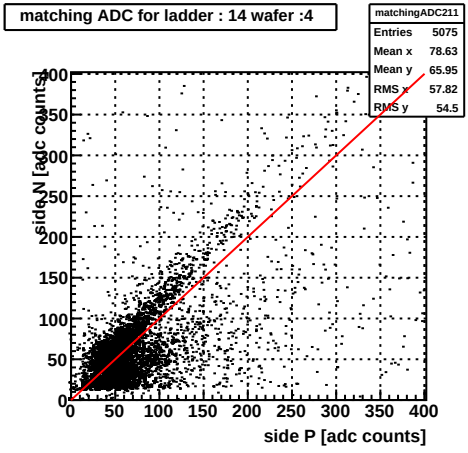

matching ADC for ladder : 14 wafer :3
matchingADC210
Entries 2123
Mean x 71.7
Mean y 66.18
RMS x 54.3
RMS y 56.73
side N [adc counts]
side P [adc counts]

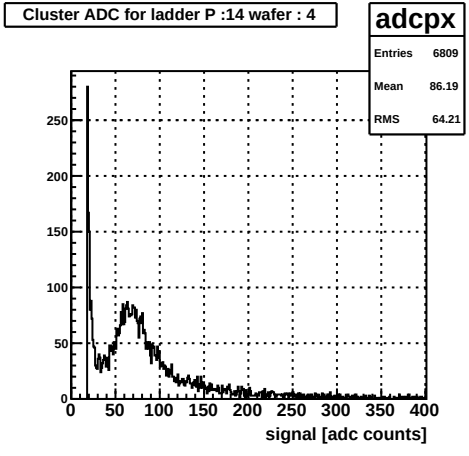

Cluster ADC for ladder P :14 wafer : 3
adcpx
Entries 5712
Mean 84.43
RMS 66.82
signal [adc counts]

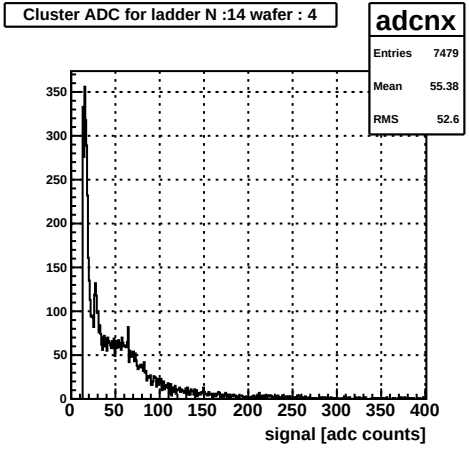

Cluster ADC for ladder N :14 wafer : 3
adcnx
Entries 4903
Mean 56.88
RMS 52.83
signal [adc counts]

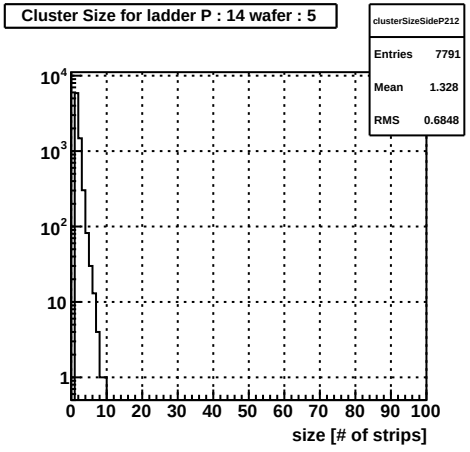

Cluster Size for ladder P : 14 wafer : 4
clusterSizeSideP211
Entries 6809
Mean 1.399
RMS 0.6856
size [# of strips]

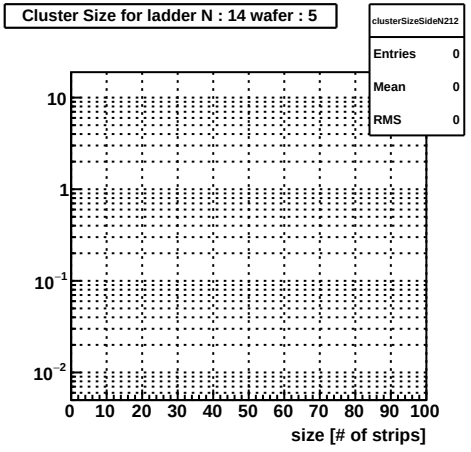

Cluster Size for ladder N : 14 wafer : 4
clusterSizeSideN211
Entries 7479
Mean 1.505
RMS 0.8257
size [# of strips]

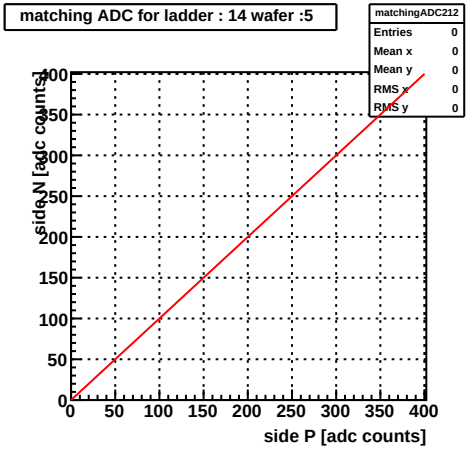

matching ADC for ladder : 14 wafer :4
matchingADC211
Entries 5075
Mean x 78.63
Mean y 65.95
RMS x 57.82
RMS y 54.5
side N [adc counts]
side P [adc counts]

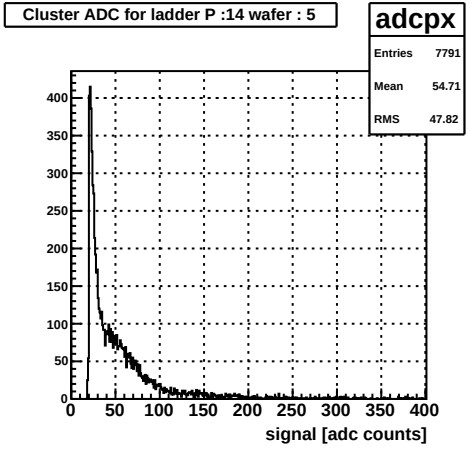

Cluster ADC for ladder P :14 wafer : 4
adcpx
Entries 6809
Mean 86.19
RMS 64.21
signal [adc counts]

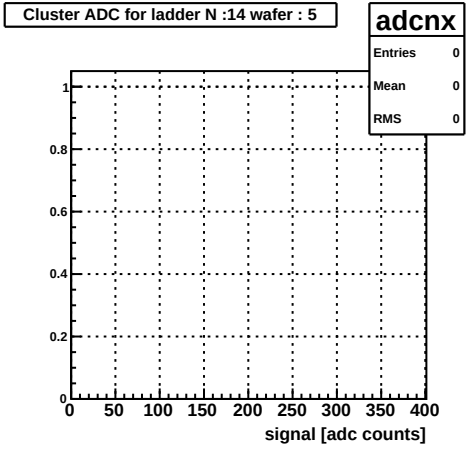

Cluster ADC for ladder N :14 wafer : 4
adcnx
Entries 7479
Mean 55.38
RMS 52.6
signal [adc counts]

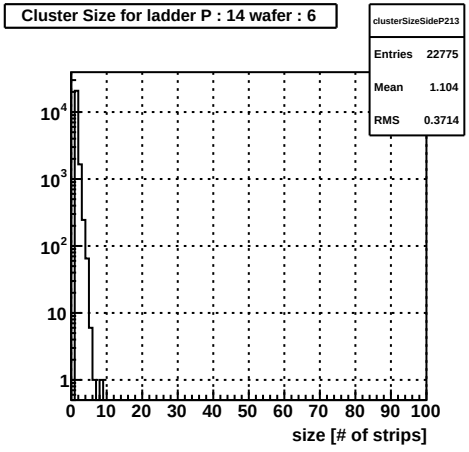

Cluster Size for ladder P : 14 wafer : 5
clusterSizeSideP212
Entries 7791
Mean 1.328
RMS 0.6848
size [# of strips]

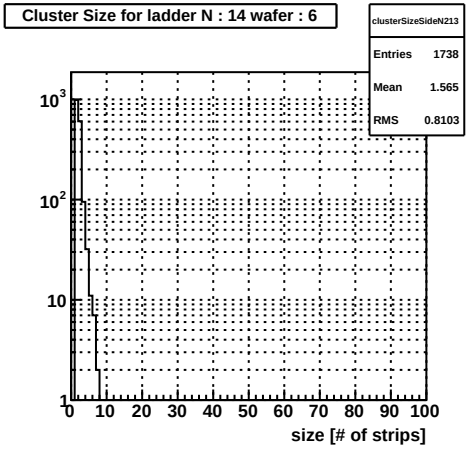

Cluster Size for ladder N : 14 wafer : 5
clusterSizeSideN212
Entries 0
Mean 0
RMS 0
size [# of strips]

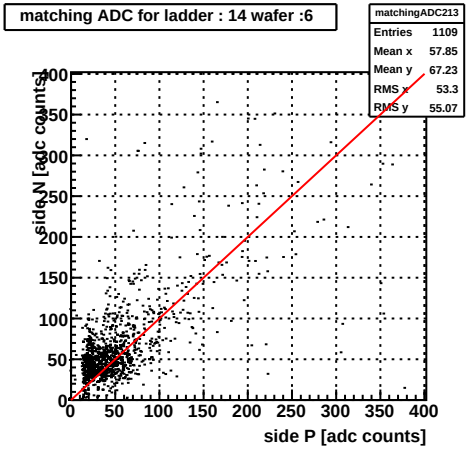

matching ADC for ladder : 14 wafer :5
matchingADC212
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

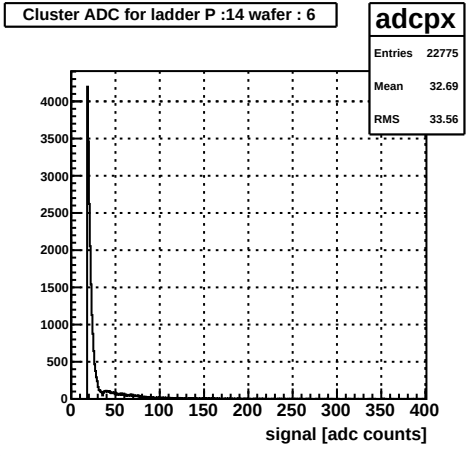

Cluster ADC for ladder P :14 wafer : 5
adcpx
Entries 7791
Mean 54.71
RMS 47.82
signal [adc counts]

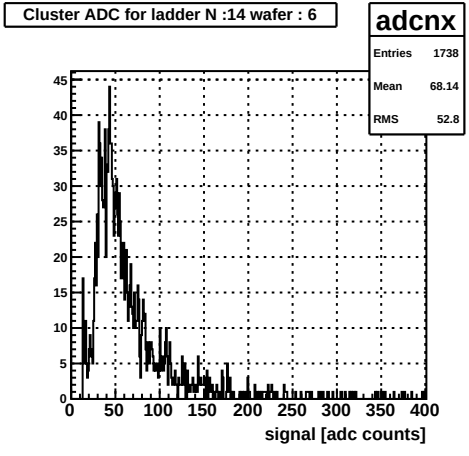

Cluster ADC for ladder N :14 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

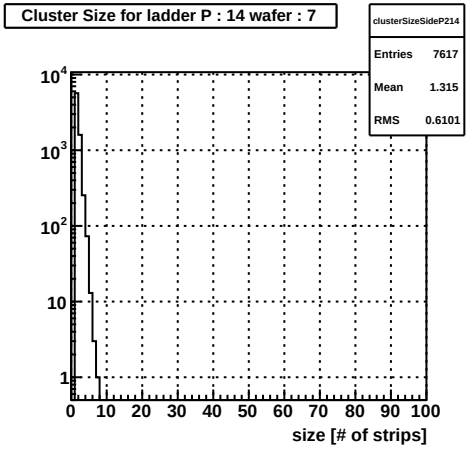

Cluster Size for ladder P : 14 wafer : 6
clusterSizeSideP213
Entries 22775
Mean 1.104
RMS 0.3714
size [# of strips]

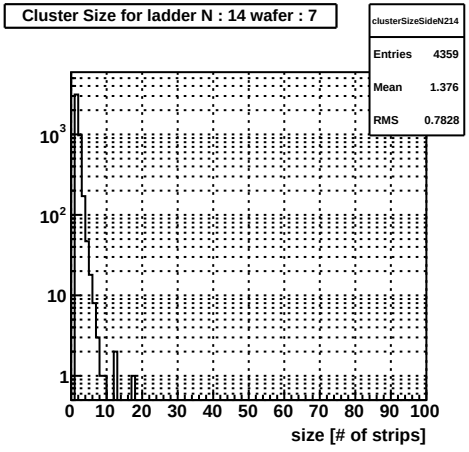

Cluster Size for ladder N : 14 wafer : 6
clusterSizeSideN213
Entries 1738
Mean 1.565
RMS 0.8103
size [# of strips]

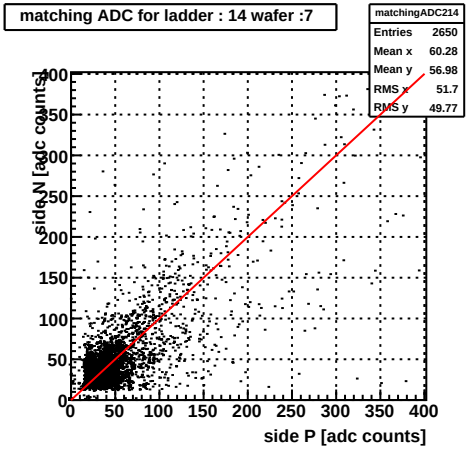

matching ADC for ladder : 14 wafer :6
matchingADC213
Entries 1109
Mean x 57.85
Mean y 67.23
RMS x 53.3
RMS y 55.07
side N [adc counts]
side P [adc counts]

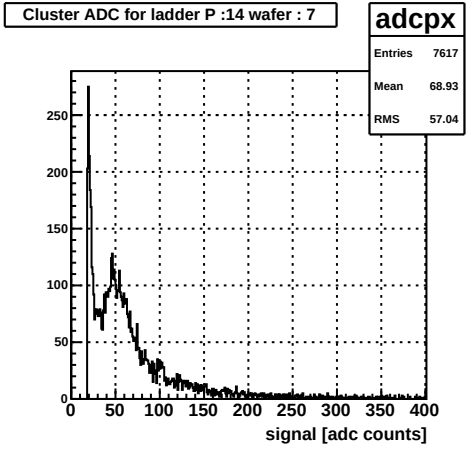

Cluster ADC for ladder P :14 wafer : 6
adcpx
Entries 22775
Mean 32.69
RMS 33.56
signal [adc counts]

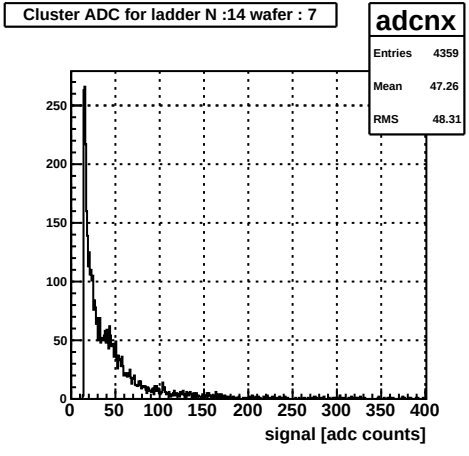

Cluster ADC for ladder N :14 wafer : 6
adcnx
Entries 1738
Mean 68.14
RMS 52.8
signal [adc counts]

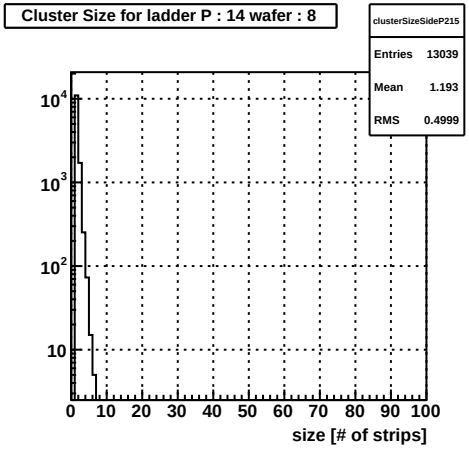

Cluster Size for ladder P : 14 wafer : 7
clusterSizeSideP214
Entries 7617
Mean 1.315
RMS 0.6101
size [# of strips]

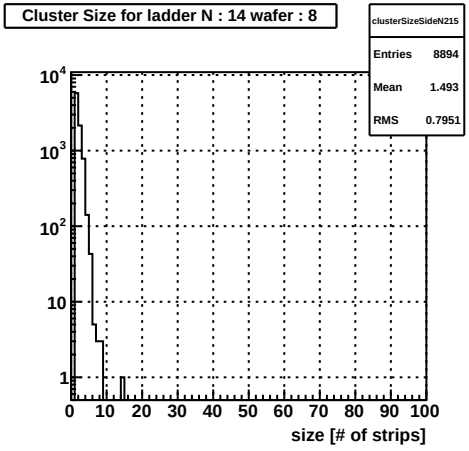

Cluster Size for ladder N : 14 wafer : 7
clusterSizeSideN214
Entries 4359
Mean 1.376
RMS 0.7828
size [# of strips]

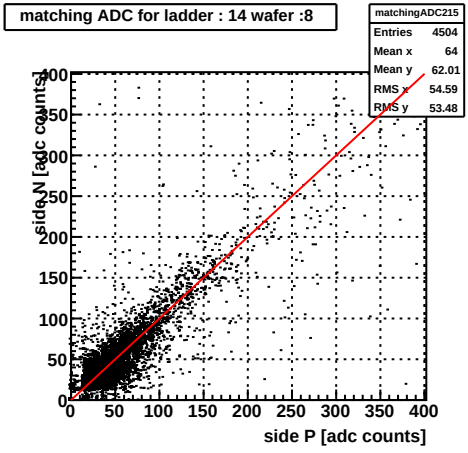

matching ADC for ladder : 14 wafer :7
matchingADC214
Entries 2650
Mean x 60.28
Mean y 56.98
RMS x 51.7
RMS y 49.77
side N [adc counts]
side P [adc counts]

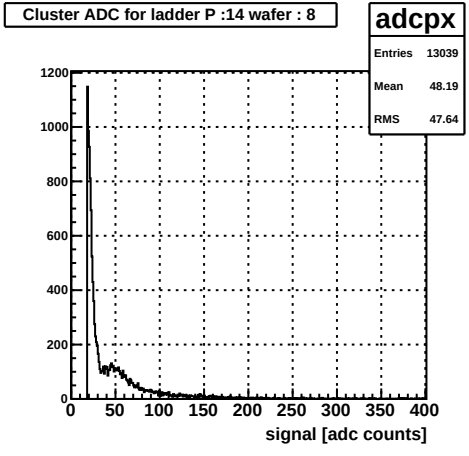

Cluster ADC for ladder P :14 wafer : 7
adcpx
Entries 7617
Mean 68.93
RMS 57.04
signal [adc counts]

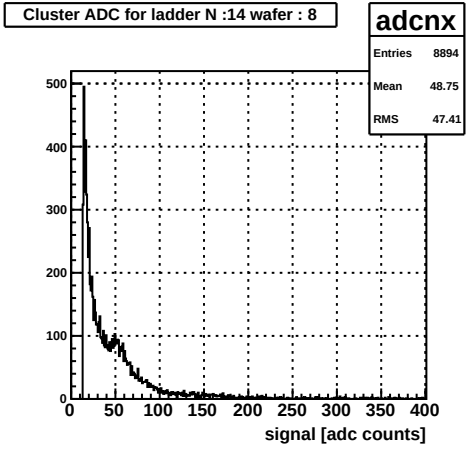

Cluster ADC for ladder N :14 wafer : 7
adcnx
Entries 4359
Mean 47.26
RMS 48.31
signal [adc counts]

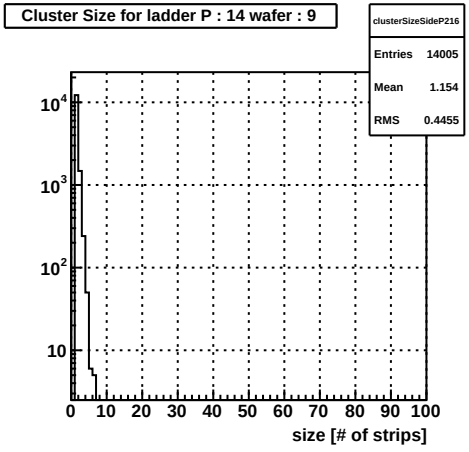

Cluster Size for ladder P : 14 wafer : 8
clusterSizeSideP215
Entries 13039
Mean 1.193
RMS 0.4999
size [# of strips]

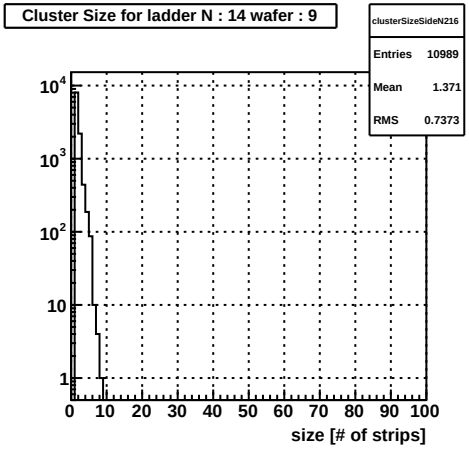

Cluster Size for ladder N : 14 wafer : 8
clusterSizeSideN215
Entries 8894
Mean 1.493
RMS 0.7951
size [# of strips]

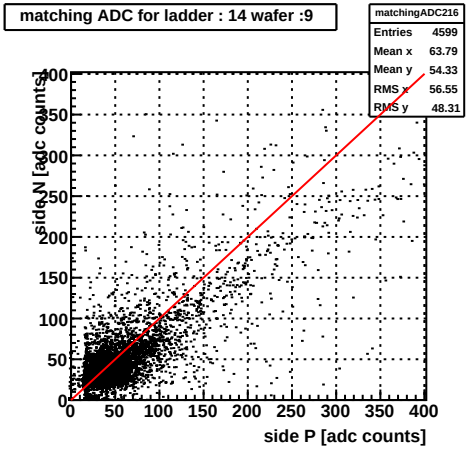

matching ADC for ladder : 14 wafer :8
matchingADC215
Entries 4504
Mean x 64
Mean y 62.01
RMS x 54.59
RMS y 53.48
side N [adc counts]
side P [adc counts]

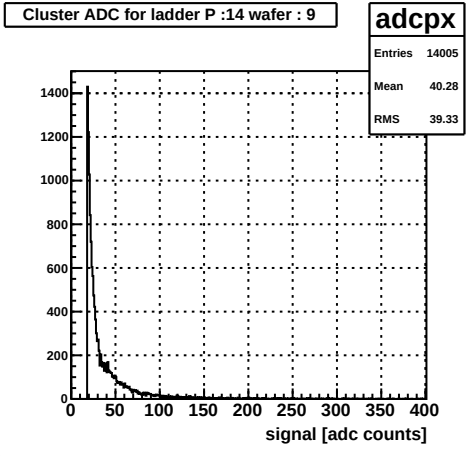

Cluster ADC for ladder P :14 wafer : 8
adcpx
Entries 13039
Mean 48.19
RMS 47.64
signal [adc counts]

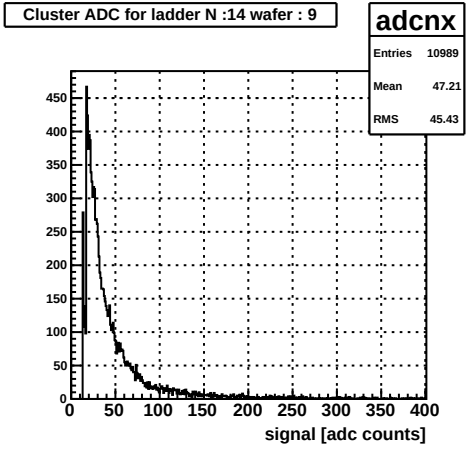

Cluster ADC for ladder N :14 wafer : 8
adcnx
Entries 8894
Mean 48.75
RMS 47.41
signal [adc counts]

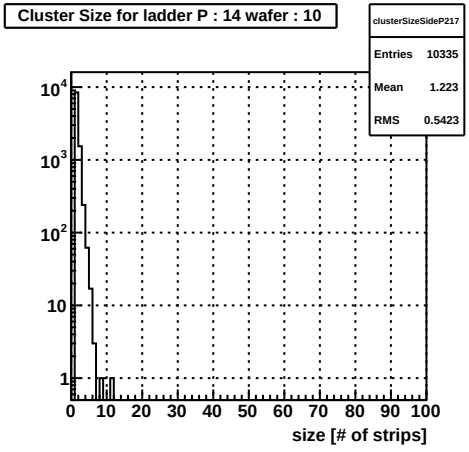

Cluster Size for ladder P : 14 wafer : 9
clusterSizeSideP216
Entries 14005
Mean 1.154
RMS 0.4455
size [# of strips]

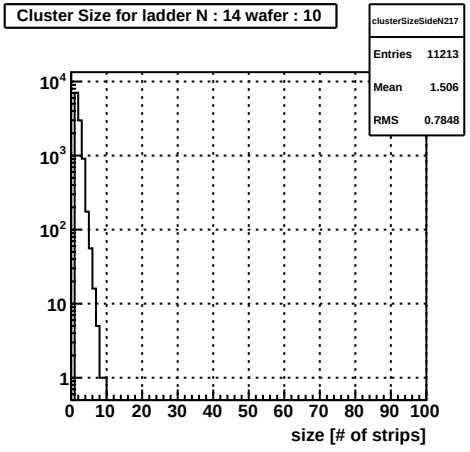

Cluster Size for ladder N : 14 wafer : 9
clusterSizeSideN216
Entries 10989
Mean 1.371
RMS 0.7373
size [# of strips]

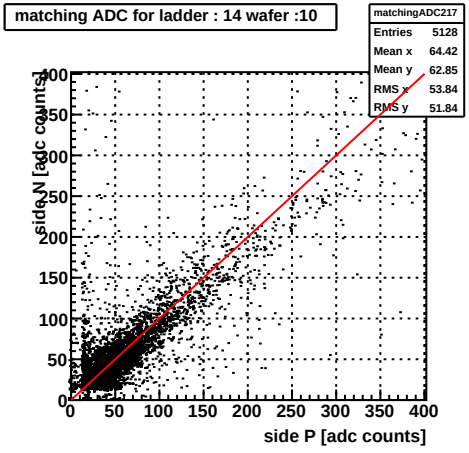

matching ADC for ladder : 14 wafer :9
matchingADC216
Entries 4599
Mean x 63.79
Mean y 54.33
RMS x 56.55
RMS y 48.31
side N [adc counts]
side P [adc counts]

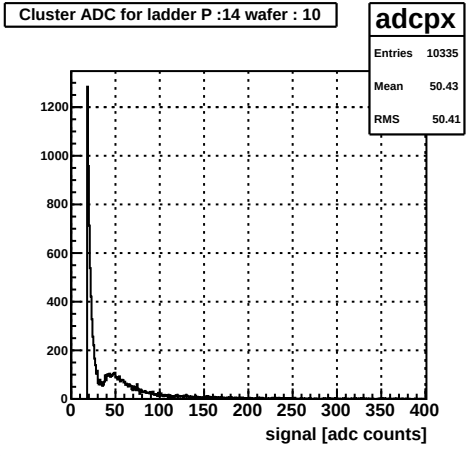

Cluster ADC for ladder P :14 wafer : 9
adcpx
Entries 14005
Mean 40.28
RMS 39.33
signal [adc counts]

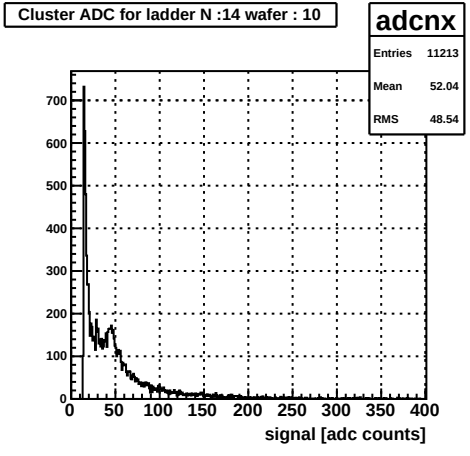

Cluster ADC for ladder N :14 wafer : 9
adcnx
Entries 10989
Mean 47.21
RMS 45.43
signal [adc counts]

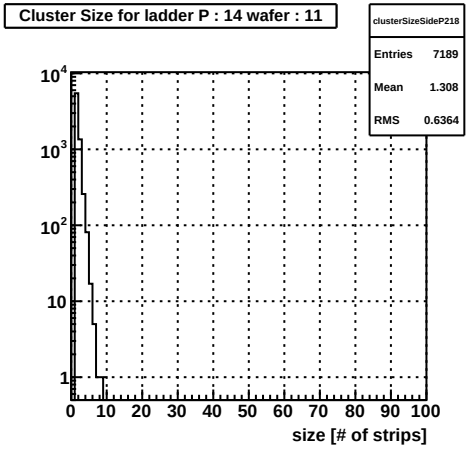

Cluster Size for ladder P : 14 wafer : 10
clusterSizeSideP217
Entries 10335
Mean 1.223
RMS 0.5423
size [# of strips]

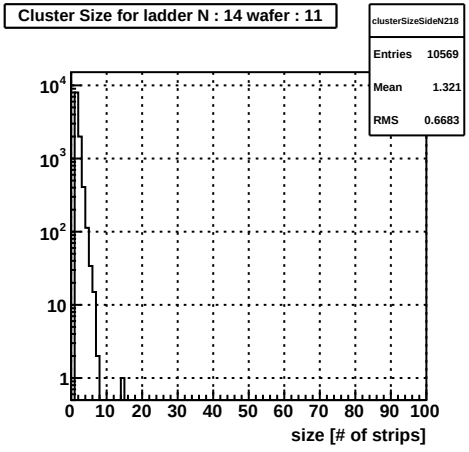

Cluster Size for ladder N : 14 wafer : 10
clusterSizeSideN217
Entries 11213
Mean 1.506
RMS 0.7848
size [# of strips]

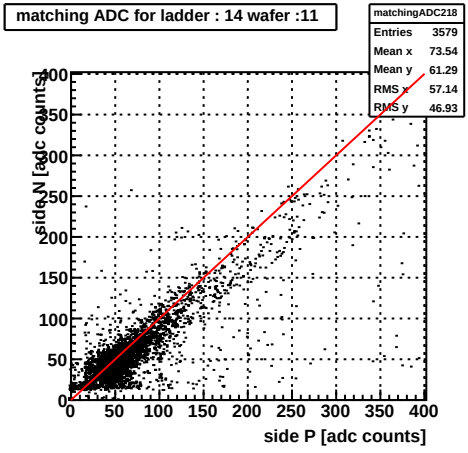

matching ADC for ladder : 14 wafer :10
matchingADC217
Entries 5128
Mean x 64.42
Mean y 62.85
RMS x 53.84
RMS y 51.84
side N [adc counts]
side P [adc counts]

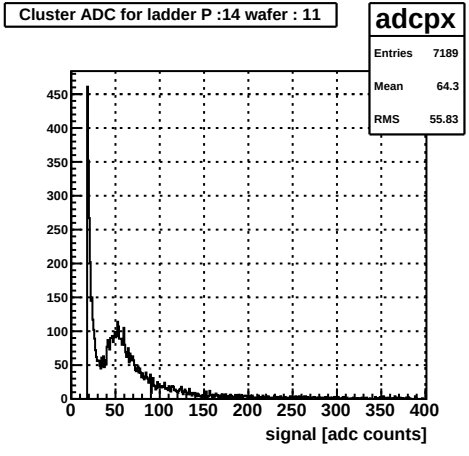

Cluster ADC for ladder P :14 wafer : 10
adcpx
Entries 10335
Mean 50.43
RMS 50.41
signal [adc counts]

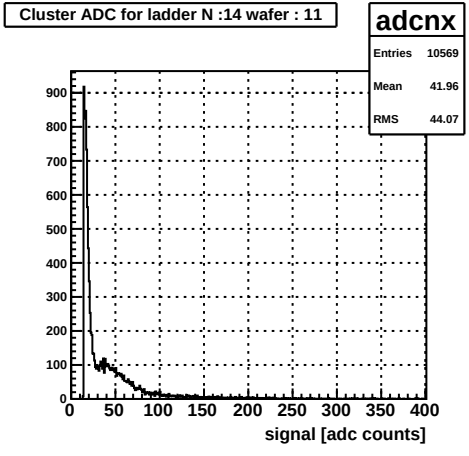

Cluster ADC for ladder N :14 wafer : 10
adcnx
Entries 11213
Mean 52.04
RMS 48.54
signal [adc counts]

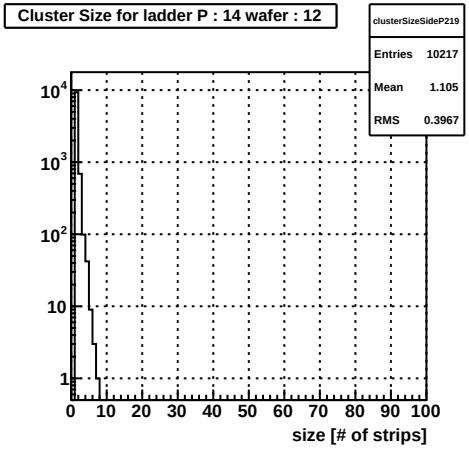

Cluster Size for ladder P : 14 wafer : 11
clusterSizeSideP218
Entries 7189
Mean 1.308
RMS 0.6364
size [# of strips]

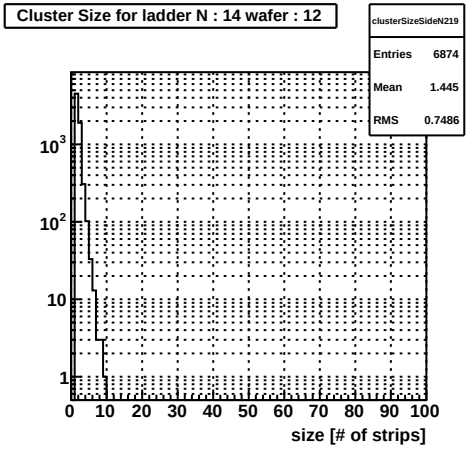

Cluster Size for ladder N : 14 wafer : 11
clusterSizeSideN218
Entries 10569
Mean 1.321
RMS 0.6683
size [# of strips]

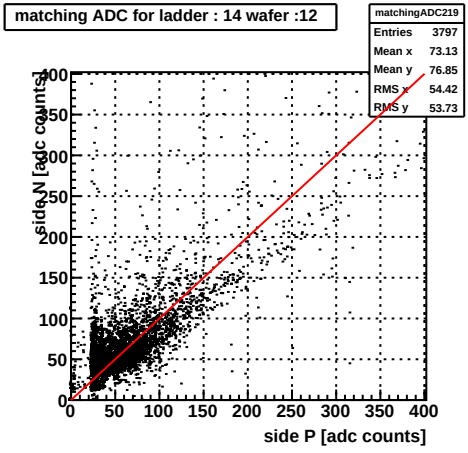

matching ADC for ladder : 14 wafer :11
matchingADC218
Entries 3579
Mean x 73.54
Mean y 61.29
RMS x 57.14
RMS y 46.93
side N [adc counts]
side P [adc counts]

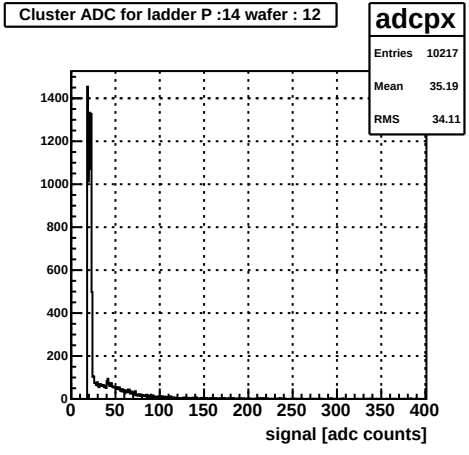

Cluster ADC for ladder P :14 wafer : 11
adcpx
Entries 7189
Mean 64.3
RMS 55.83
signal [adc counts]

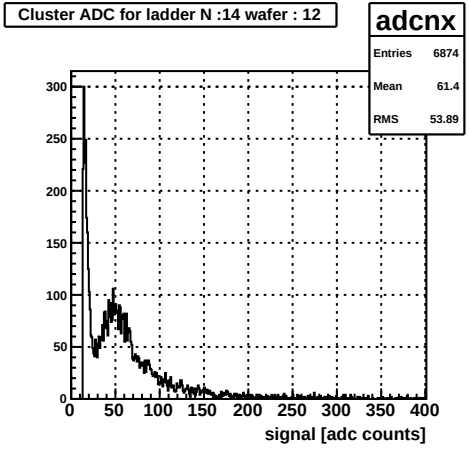

Cluster ADC for ladder N :14 wafer : 11
adcnx
Entries 10569
Mean 41.96
RMS 44.07
signal [adc counts]

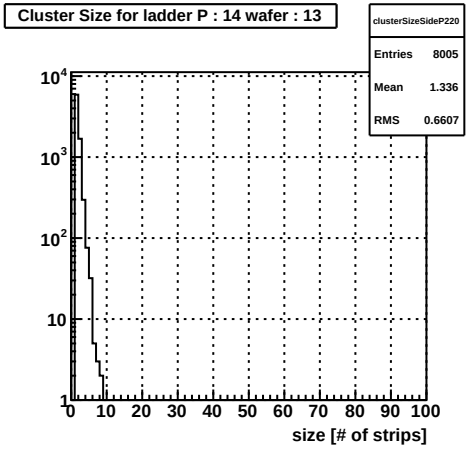

Cluster Size for ladder P : 14 wafer : 12
clusterSizeSideP219
Entries 10217
Mean 1.105
RMS 0.3967
size [# of strips]

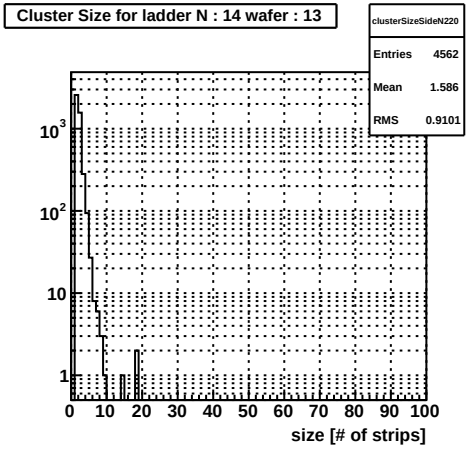

Cluster Size for ladder N : 14 wafer : 12
clusterSizeSideN219
Entries 6874
Mean 1.445
RMS 0.7486
size [# of strips]

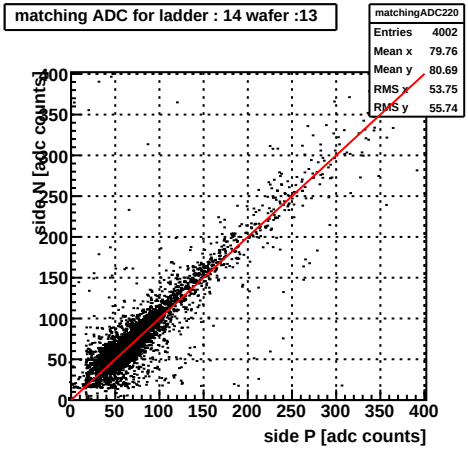

matching ADC for ladder : 14 wafer :12
matchingADC219
Entries 3797
Mean x 73.13
Mean y 76.85
RMS x 54.42
RMS y 53.73
side N [adc counts]
side P [adc counts]

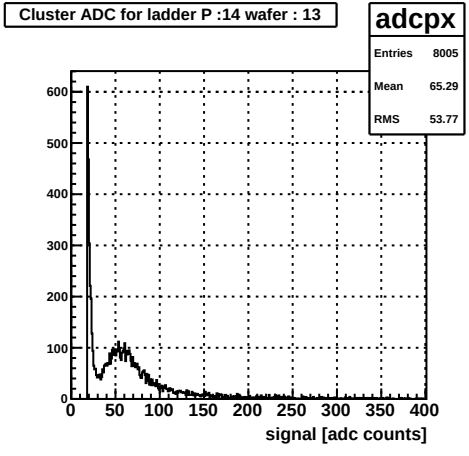

Cluster ADC for ladder P :14 wafer : 12
adcpx
Entries 10217
Mean 35.19
RMS 34.11
signal [adc counts]

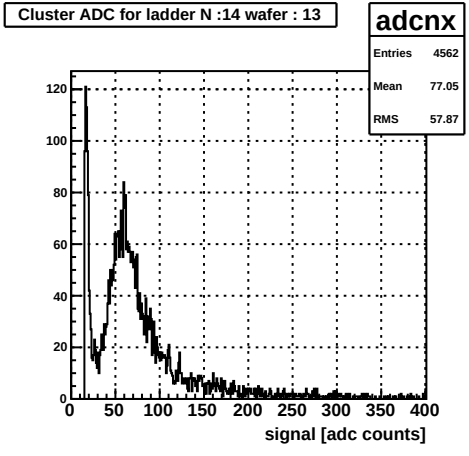

Cluster ADC for ladder N :14 wafer : 12
adcnx
Entries 6874
Mean 61.4
RMS 53.89
signal [adc counts]

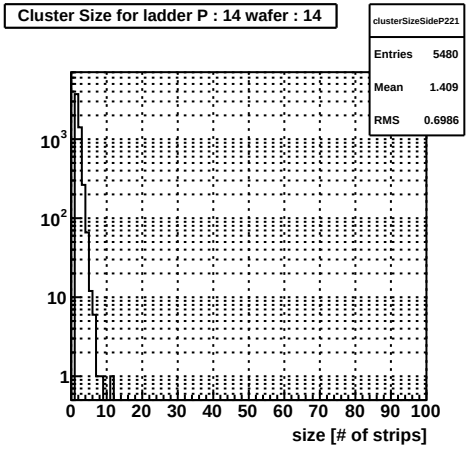

Cluster Size for ladder P : 14 wafer : 13
clusterSizeSideP220
Entries 8005
Mean 1.336
RMS 0.6607
size [# of strips]

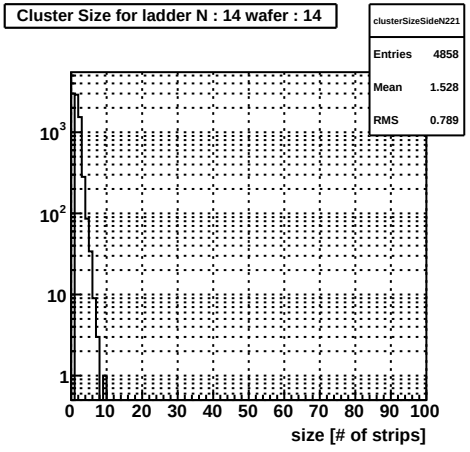

Cluster Size for ladder N : 14 wafer : 13
clusterSizeSideN220
Entries 4562
Mean 1.586
RMS 0.9101
size [# of strips]

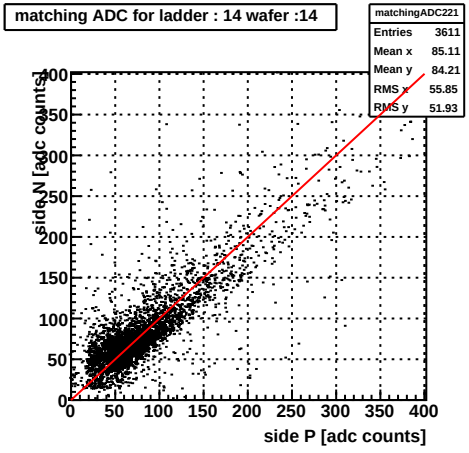

matching ADC for ladder : 14 wafer :13
matchingADC220
Entries 4002
Mean x 79.76
Mean y 80.69
RMS x 53.75
RMS y 55.74
side N [adc counts]
side P [adc counts]

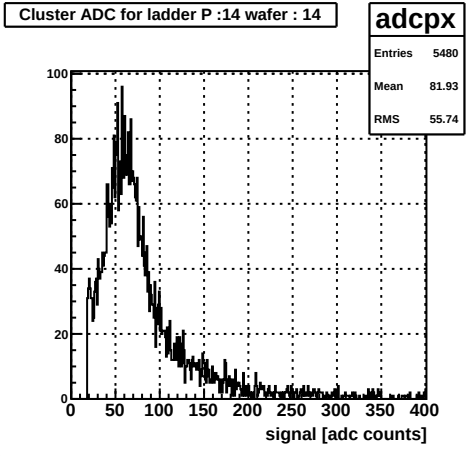

Cluster ADC for ladder P :14 wafer : 13
adcpx
Entries 8005
Mean 65.29
RMS 53.77
signal [adc counts]

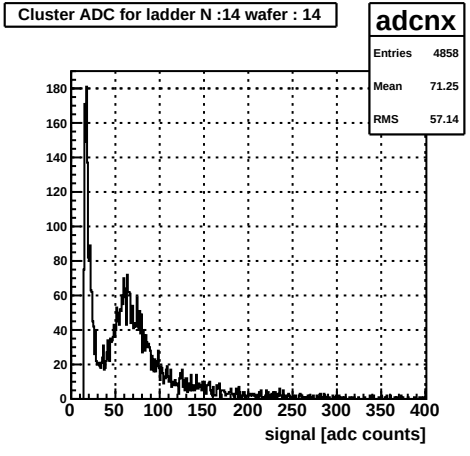

Cluster ADC for ladder N :14 wafer : 13
adcnx
Entries 4562
Mean 77.05
RMS 57.87
signal [adc counts]

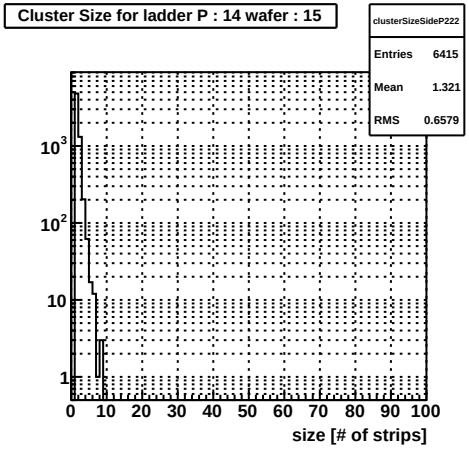

Cluster Size for ladder P : 14 wafer : 14
clusterSizeSideP221
Entries 5480
Mean 1.409
RMS 0.6986
size [# of strips]

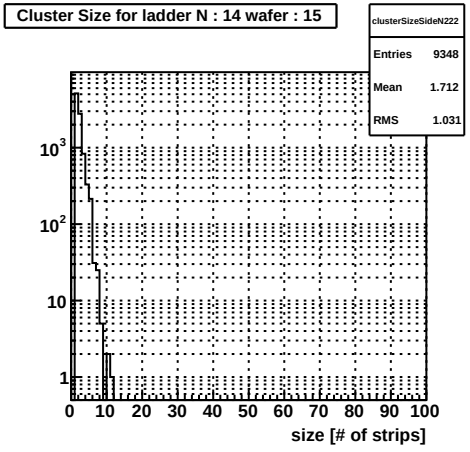

Cluster Size for ladder N : 14 wafer : 14
clusterSizeSideN221
Entries 4858
Mean 1.528
RMS 0.789
size [# of strips]

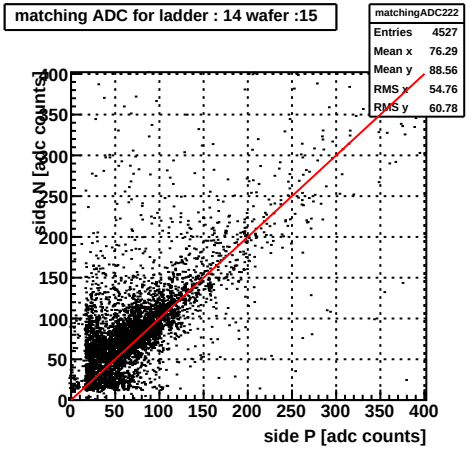

matching ADC for ladder : 14 wafer :14
matchingADC221
Entries 3611
Mean x 85.11
Mean y 84.21
RMS x 55.85
RMS y 51.93
side N [adc counts]
side P [adc counts]

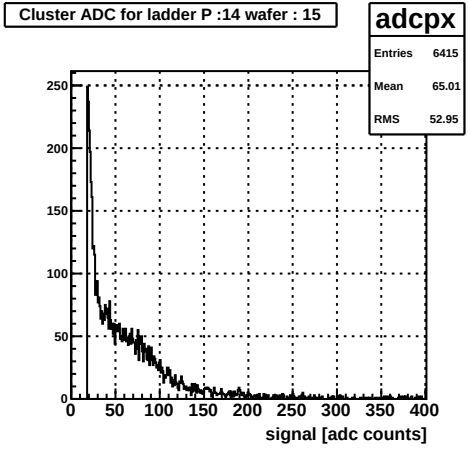

Cluster ADC for ladder P :14 wafer : 14
adcpx
Entries 5480
Mean 81.93
RMS 55.74
signal [adc counts]

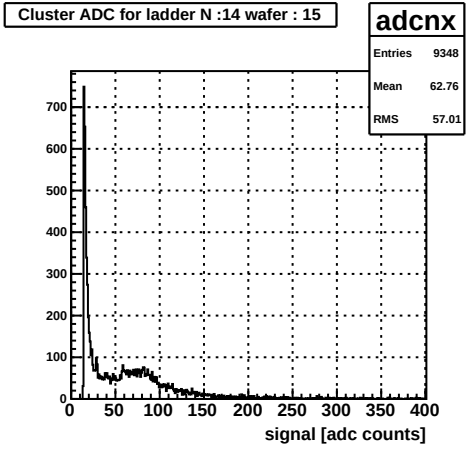

Cluster ADC for ladder N :14 wafer : 14
adcnx
Entries 4858
Mean 71.25
RMS 57.14
signal [adc counts]

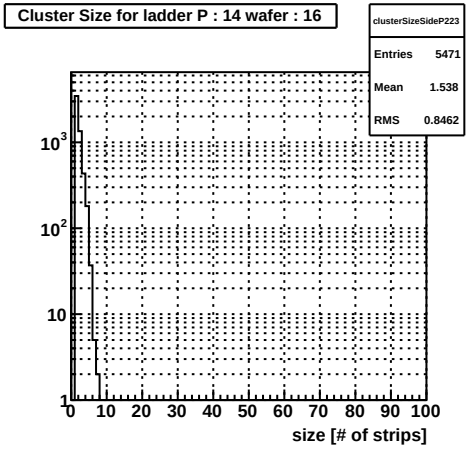

Cluster Size for ladder P : 14 wafer : 15
clusterSizeSideP222
Entries 6415
Mean 1.321
RMS 0.6579
size [# of strips]

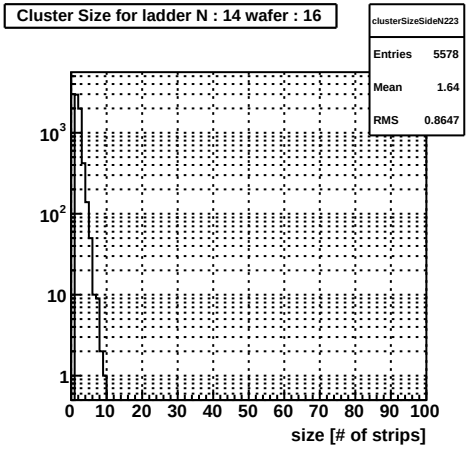

Cluster Size for ladder N : 14 wafer : 15
clusterSizeSideN222
Entries 9348
Mean 1.712
RMS 1.031
size [# of strips]

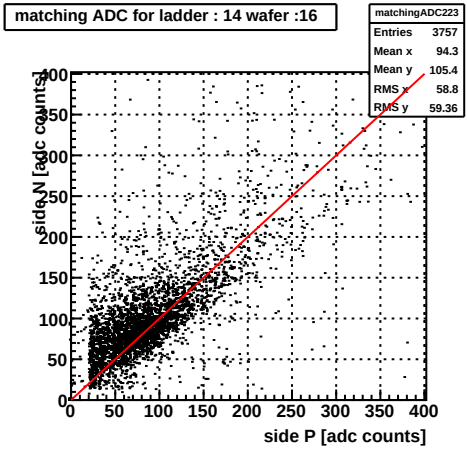

matching ADC for ladder : 14 wafer :15
matchingADC222
Entries 4527
Mean x 76.29
Mean y 88.56
RMS x 54.76
RMS y 60.78
side N [adc counts]
side P [adc counts]

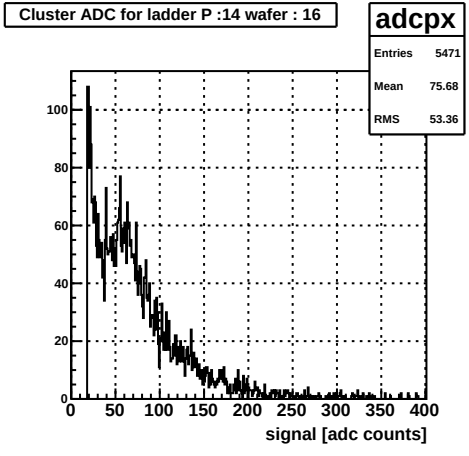

Cluster ADC for ladder P :14 wafer : 15
adcpx
Entries 6415
Mean 65.01
RMS 52.95
signal [adc counts]

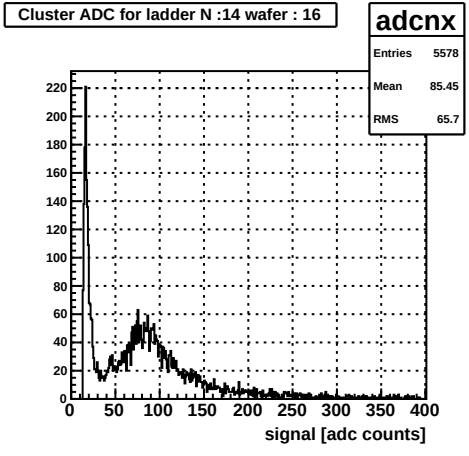

Cluster ADC for ladder N :14 wafer : 15
adcnx
Entries 9348
Mean 62.76
RMS 57.01
signal [adc counts]

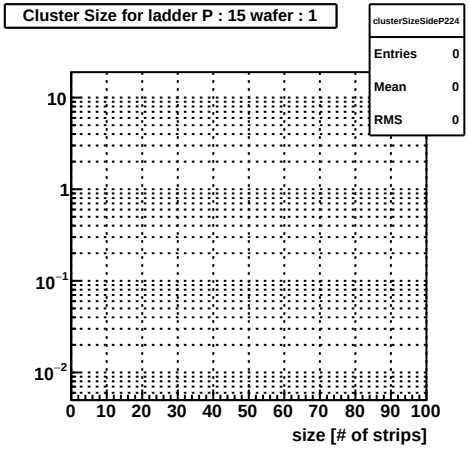

Cluster Size for ladder P : 14 wafer : 16
clusterSizeSideP223
Entries 5471
Mean 1.538
RMS 0.8462
size [# of strips]

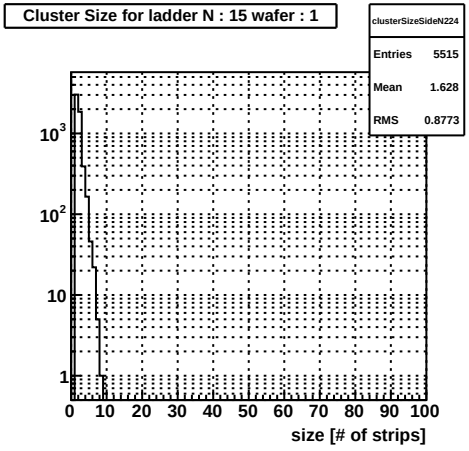

Cluster Size for ladder N : 14 wafer : 16
clusterSizeSideN223
Entries 5578
Mean 1.64
RMS 0.8647
size [# of strips]

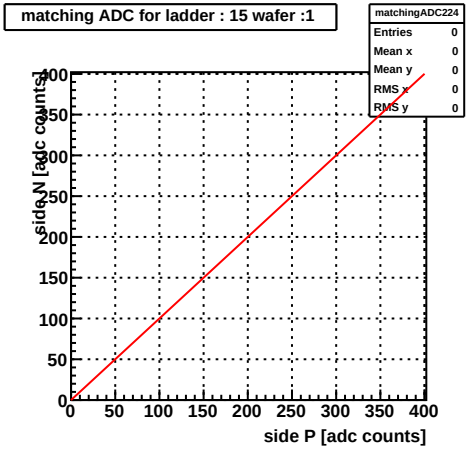

matching ADC for ladder : 14 wafer :16
matchingADC223
Entries 3757
Mean x 94.3
Mean y 105.4
RMS x 58.8
RMS y 59.36
side N [adc counts]
side P [adc counts]

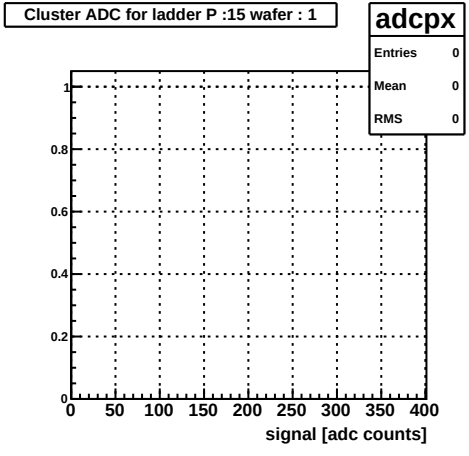

Cluster ADC for ladder P :14 wafer : 16
adcpx
Entries 5471
Mean 75.68
RMS 53.36
signal [adc counts]

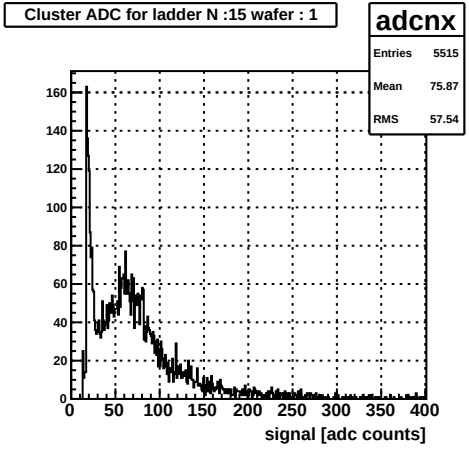

Cluster ADC for ladder N :14 wafer : 16
adcnx
Entries 5578
Mean 85.45
RMS 65.7
signal [adc counts]

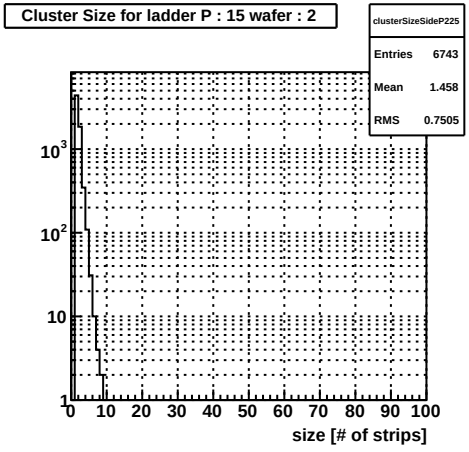

Cluster Size for ladder P : 15 wafer : 1
clusterSizeSideP224
Entries 0
Mean 0
RMS 0
size [# of strips]

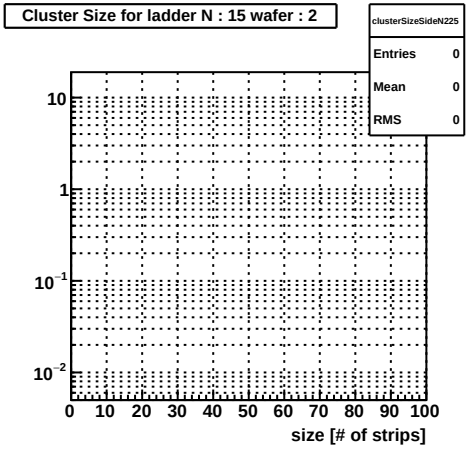

Cluster Size for ladder N : 15 wafer : 1
clusterSizeSideN224
Entries 5515
Mean 1.628
RMS 0.8773
size [# of strips]

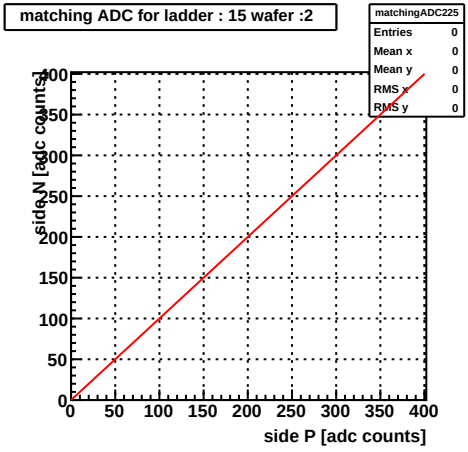

matching ADC for ladder : 15 wafer :1
matchingADC224
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

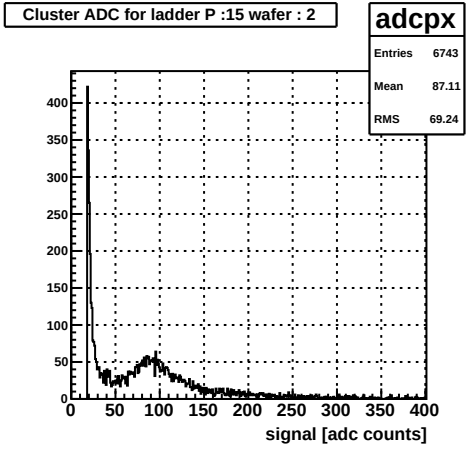

Cluster ADC for ladder P :15 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

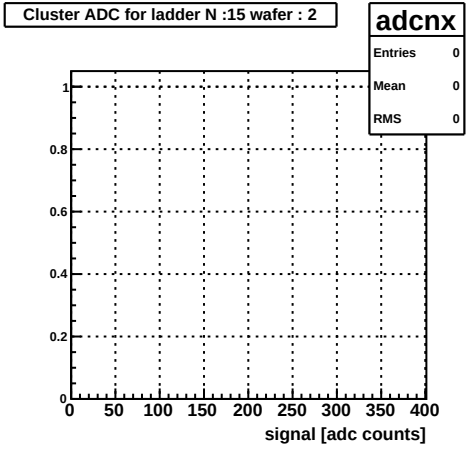

Cluster ADC for ladder N :15 wafer : 1
adcnx
Entries 5515
Mean 75.87
RMS 57.54
signal [adc counts]

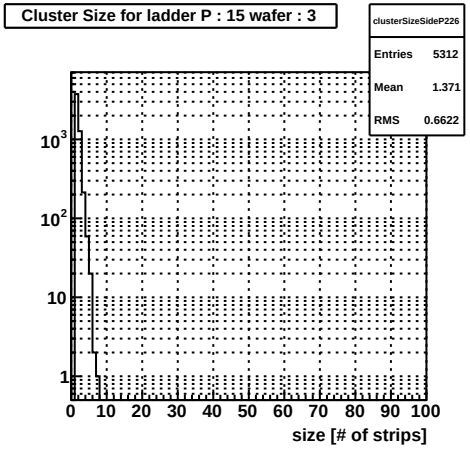

Cluster Size for ladder P : 15 wafer : 2
clusterSizeSideP225
Entries 6743
Mean 1.458
RMS 0.7505
size [# of strips]

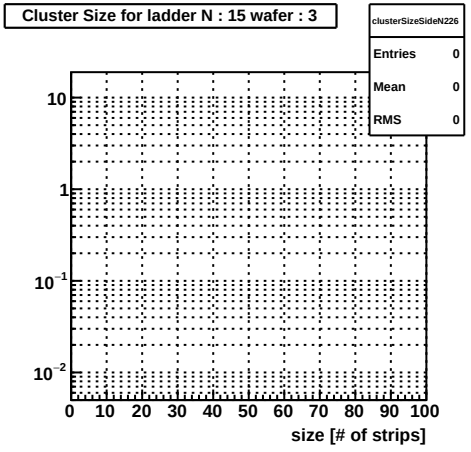

Cluster Size for ladder N : 15 wafer : 2
clusterSizeSideN225
Entries 0
Mean 0
RMS 0
size [# of strips]

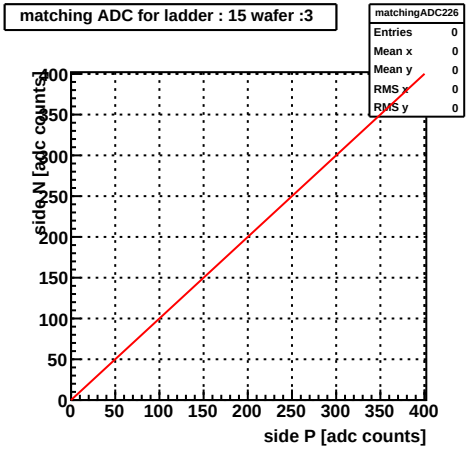

matching ADC for ladder : 15 wafer :2
matchingADC225
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

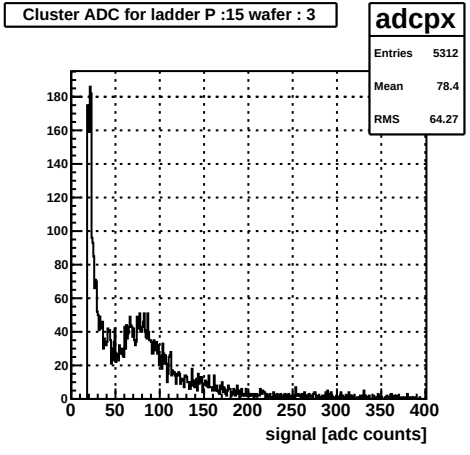

Cluster ADC for ladder P :15 wafer : 2
adcpx
Entries 6743
Mean 87.11
RMS 69.24
signal [adc counts]

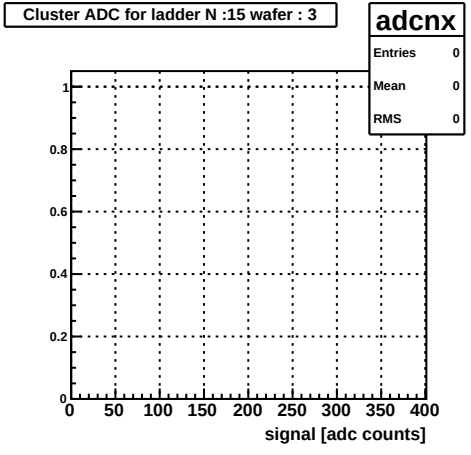

Cluster ADC for ladder N :15 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

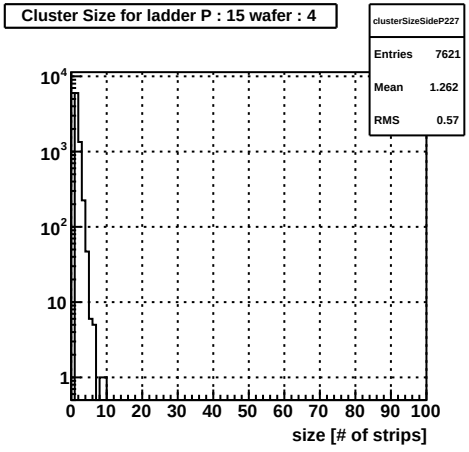

Cluster Size for ladder P : 15 wafer : 3
clusterSizeSideP226
Entries 5312
Mean 1.371
RMS 0.6622
size [# of strips]

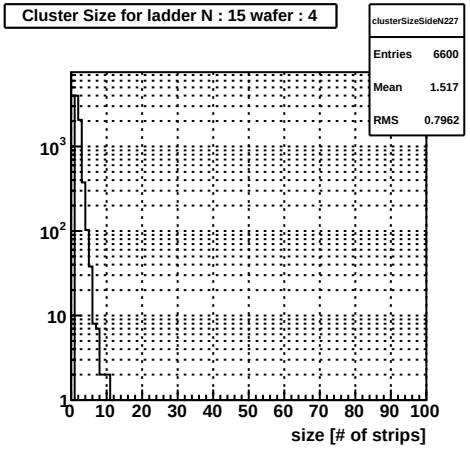

Cluster Size for ladder N : 15 wafer : 3
clusterSizeSideN226
Entries 0
Mean 0
RMS 0
size [# of strips]

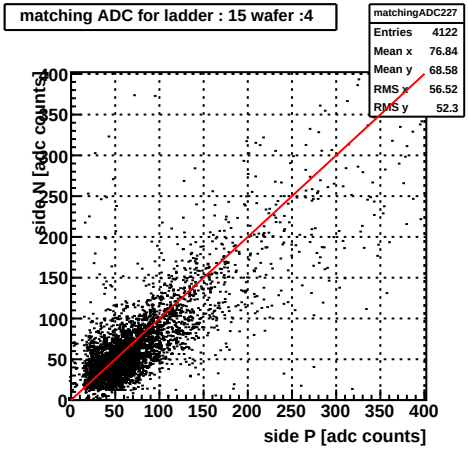

matching ADC for ladder : 15 wafer :3
matchingADC226
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

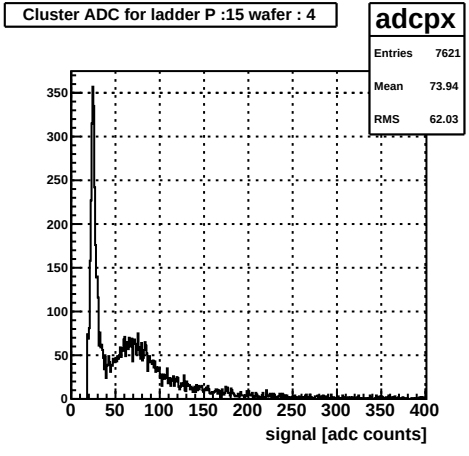

Cluster ADC for ladder P :15 wafer : 3
adcpx
Entries 5312
Mean 78.4
RMS 64.27
signal [adc counts]

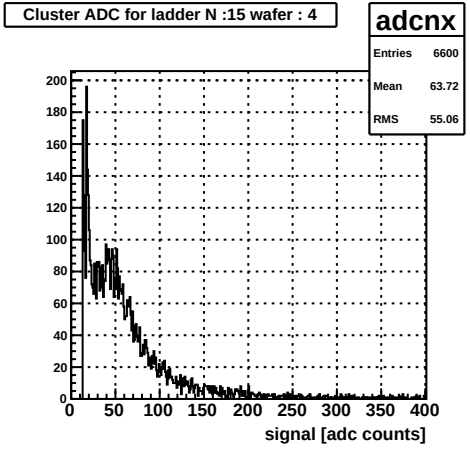

Cluster ADC for ladder N :15 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

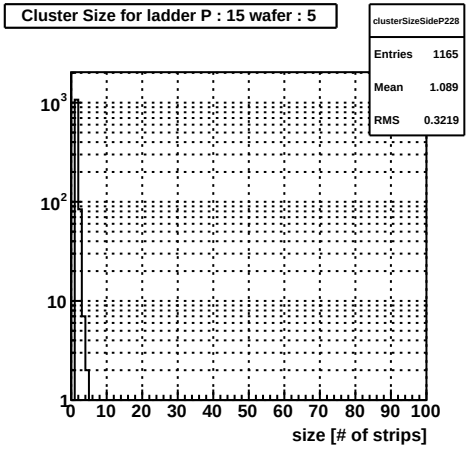

Cluster Size for ladder P : 15 wafer : 4
clusterSizeSideP227
Entries 7621
Mean 1.262
RMS 0.57
size [# of strips]

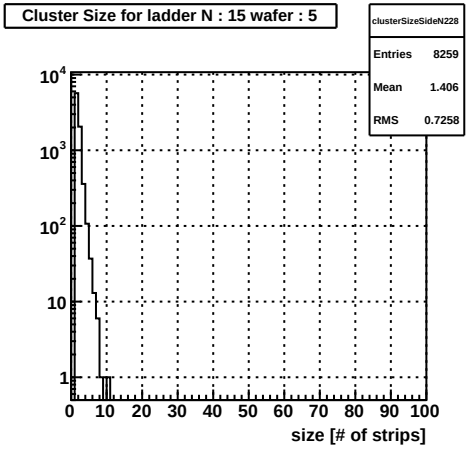

Cluster Size for ladder N : 15 wafer : 4
clusterSizeSideN227
Entries 6600
Mean 1.517
RMS 0.7962
size [# of strips]

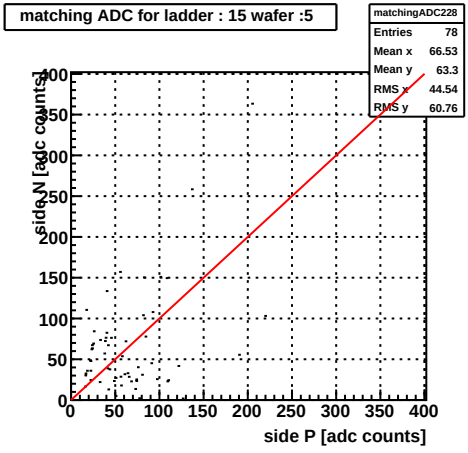

matching ADC for ladder : 15 wafer :4
matchingADC227
Entries 4122
Mean x 76.84
Mean y 68.58
RMS x 56.52
RMS y 52.3
side N [adc counts]
side P [adc counts]

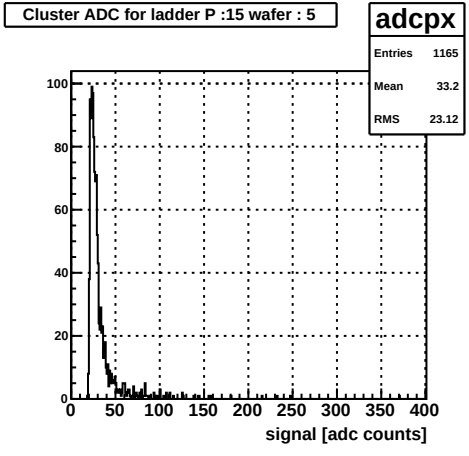

Cluster ADC for ladder P :15 wafer : 4
adcpx
Entries 7621
Mean 73.94
RMS 62.03
signal [adc counts]

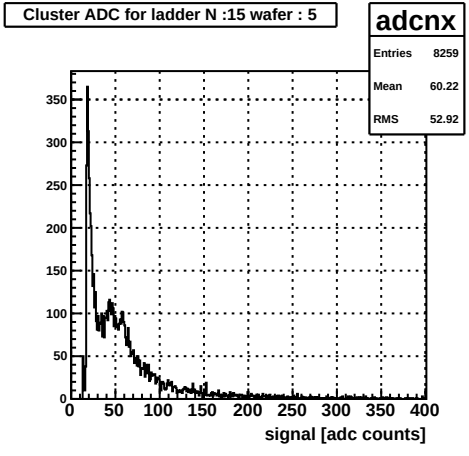

Cluster ADC for ladder N :15 wafer : 4
adcnx
Entries 6600
Mean 63.72
RMS 55.06
signal [adc counts]

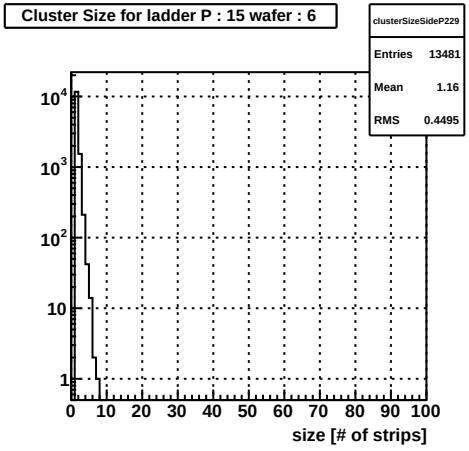

Cluster Size for ladder P : 15 wafer : 5
clusterSizeSideP228
Entries 1165
Mean 1.089
RMS 0.3219
size [# of strips]

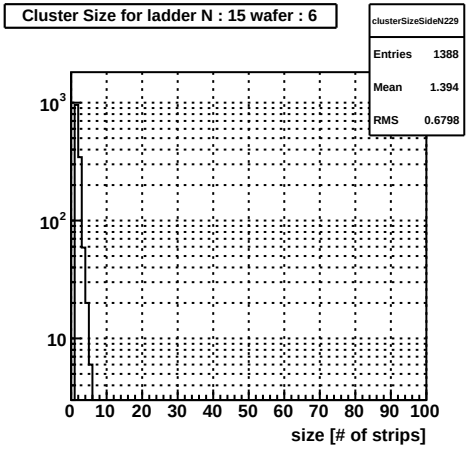

Cluster Size for ladder N : 15 wafer : 5
clusterSizeSideN228
Entries 8259
Mean 1.406
RMS 0.7258
size [# of strips]

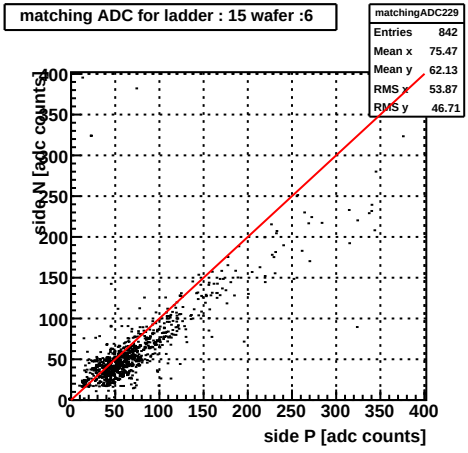

matching ADC for ladder : 15 wafer :5
matchingADC228
Entries 78
Mean x 66.53
Mean y 63.3
RMS x 44.54
RMS y 60.76
side N [adc counts]
side P [adc counts]

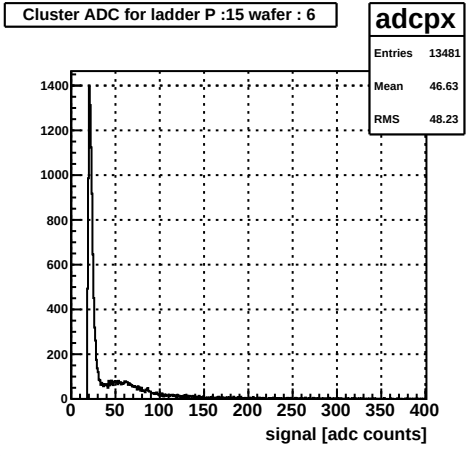

Cluster ADC for ladder P :15 wafer : 5
adcpx
Entries 1165
Mean 33.2
RMS 23.12
signal [adc counts]

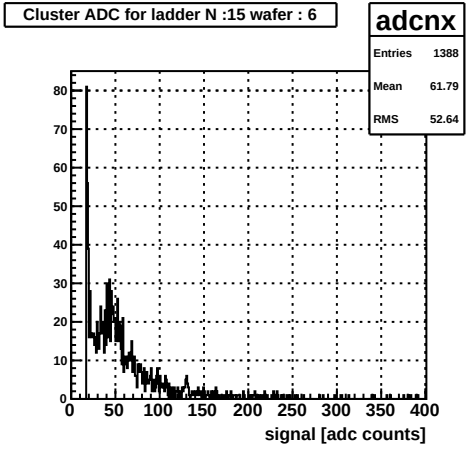

Cluster ADC for ladder N :15 wafer : 5
adcnx
Entries 8259
Mean 60.22
RMS 52.92
signal [adc counts]

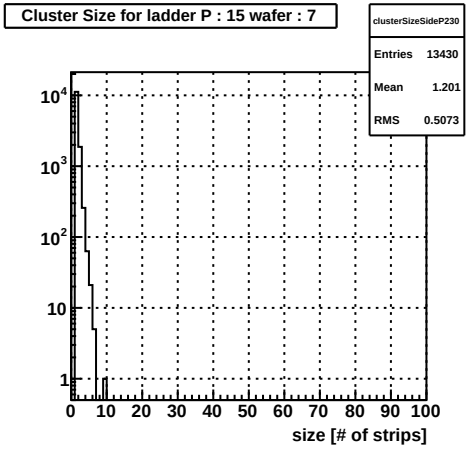

Cluster Size for ladder P : 15 wafer : 6
clusterSizeSideP229
Entries 13481
Mean 1.16
RMS 0.4495
size [# of strips]

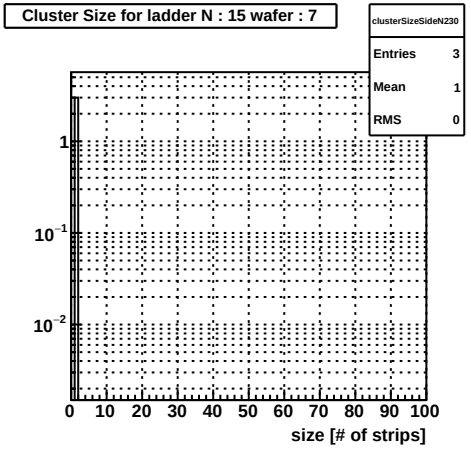

Cluster Size for ladder N : 15 wafer : 6
clusterSizeSideN229
Entries 1388
Mean 1.394
RMS 0.6798
size [# of strips]

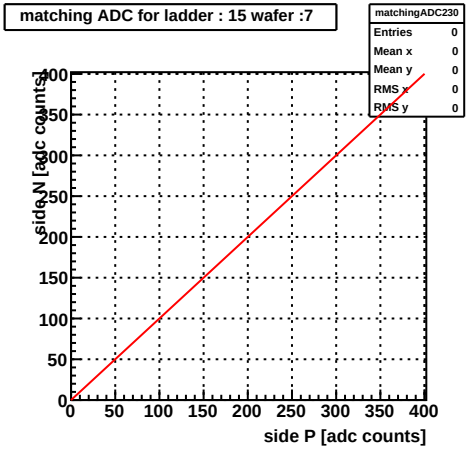

matching ADC for ladder : 15 wafer :6
matchingADC229
Entries 842
Mean x 75.47
Mean y 62.13
RMS x 53.87
RMS y 46.71
side N [adc counts]
side P [adc counts]

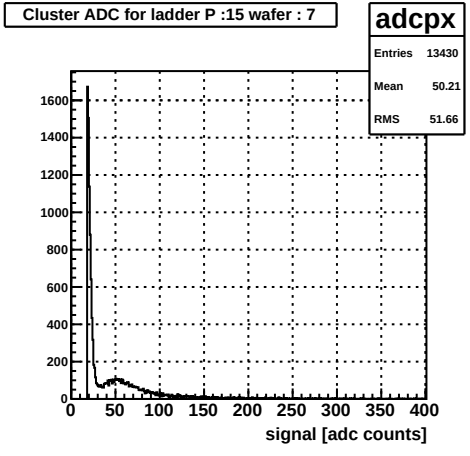

Cluster ADC for ladder P :15 wafer : 6
adcpx
Entries 13481
Mean 46.63
RMS 48.23
signal [adc counts]

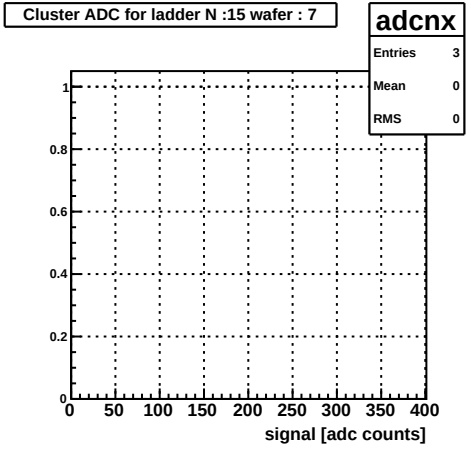

Cluster ADC for ladder N :15 wafer : 6
adcnx
Entries 1388
Mean 61.79
RMS 52.64
signal [adc counts]

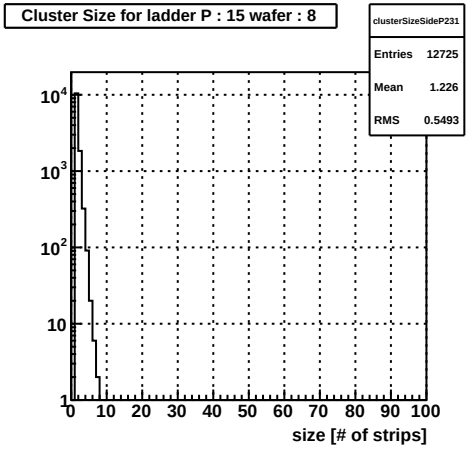

Cluster Size for ladder P : 15 wafer : 7
clusterSizeSideP230
Entries 13430
Mean 1.201
RMS 0.5073
size [# of strips]

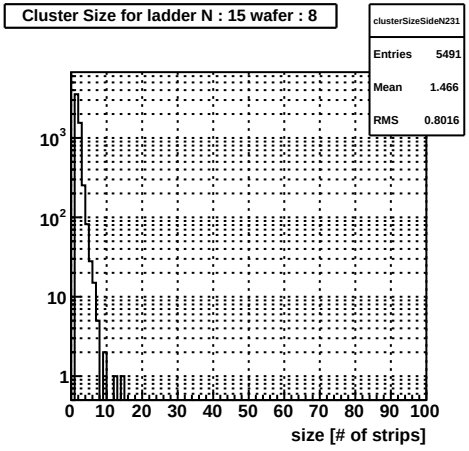

Cluster Size for ladder N : 15 wafer : 7
clusterSizeSideN230
Entries 3
Mean 1
RMS 0
size [# of strips]

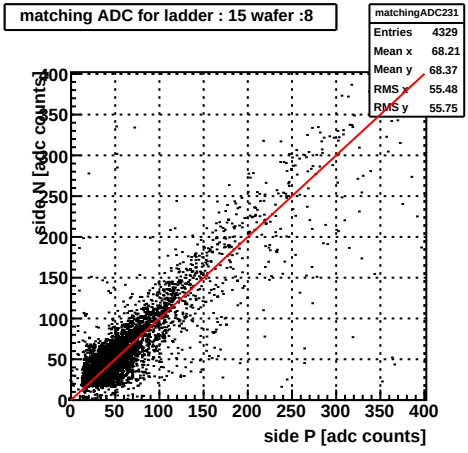

matching ADC for ladder : 15 wafer :7
matchingADC230
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

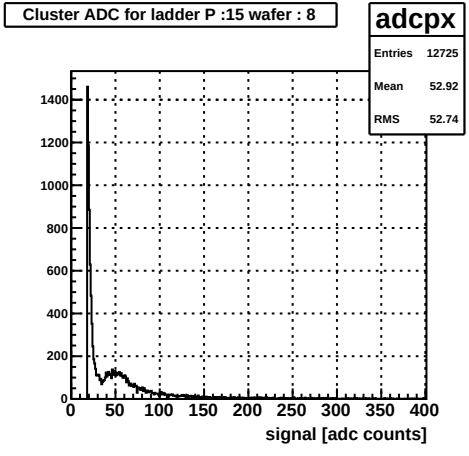

Cluster ADC for ladder P :15 wafer : 7
adcpx
Entries 13430
Mean 50.21
RMS 51.66
signal [adc counts]

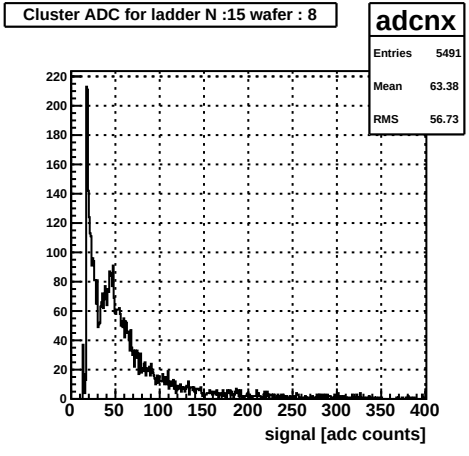

Cluster ADC for ladder N :15 wafer : 7
adcnx
Entries 3
Mean 0
RMS 0
signal [adc counts]

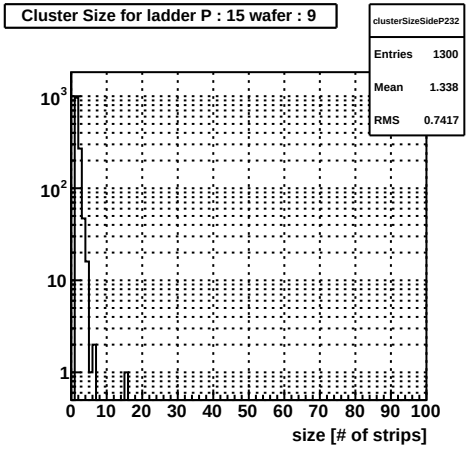

Cluster Size for ladder P : 15 wafer : 8
clusterSizeSideP231
Entries 12725
Mean 1.226
RMS 0.5493
size [# of strips]

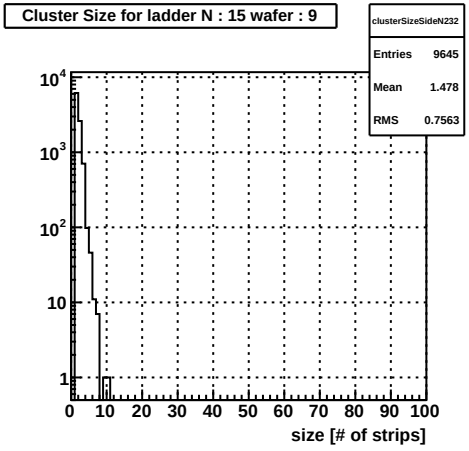

Cluster Size for ladder N : 15 wafer : 8
clusterSizeSideN231
Entries 5491
Mean 1.466
RMS 0.8016
size [# of strips]

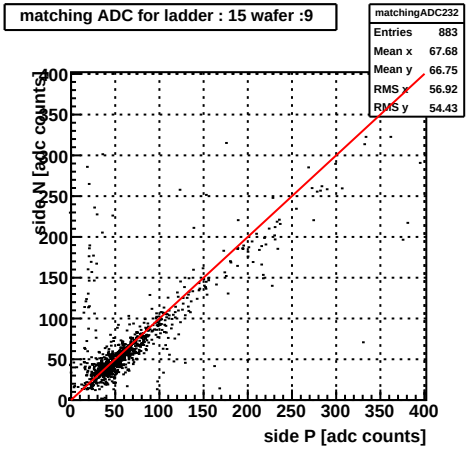

matching ADC for ladder : 15 wafer :8
matchingADC231
Entries 4329
Mean x 68.21
Mean y 68.37
RMS x 55.48
RMS y 55.75
side N [adc counts]
side P [adc counts]

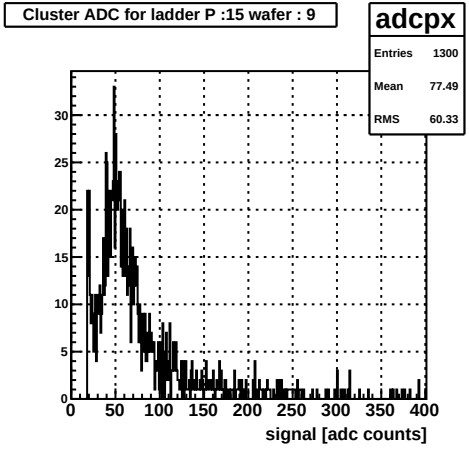

Cluster ADC for ladder P :15 wafer : 8
adcpx
Entries 12725
Mean 52.92
RMS 52.74
signal [adc counts]

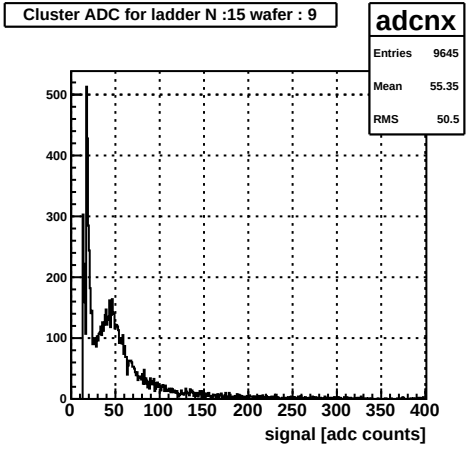

Cluster ADC for ladder N :15 wafer : 8
adcnx
Entries 5491
Mean 63.38
RMS 56.73
signal [adc counts]

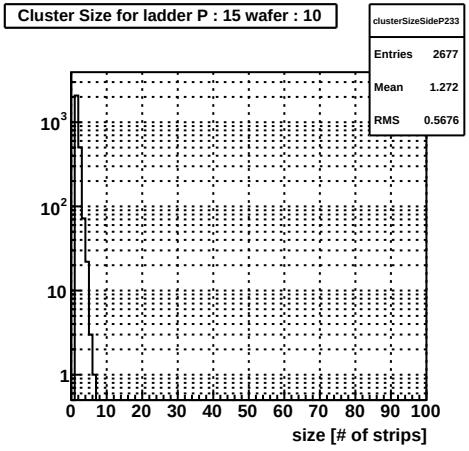

Cluster Size for ladder P : 15 wafer : 9
clusterSizeSideP232
Entries 1300
Mean 1.338
RMS 0.7417
size [# of strips]

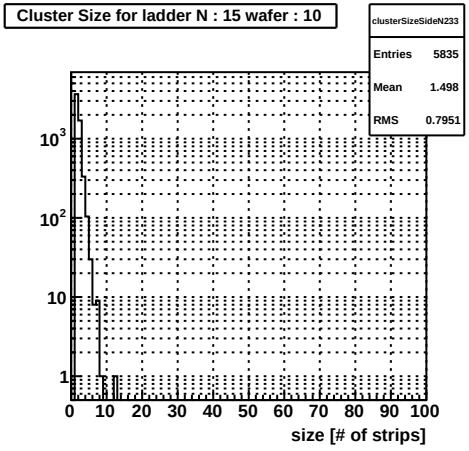

Cluster Size for ladder N : 15 wafer : 9
clusterSizeSideN232
Entries 9645
Mean 1.478
RMS 0.7563
size [# of strips]

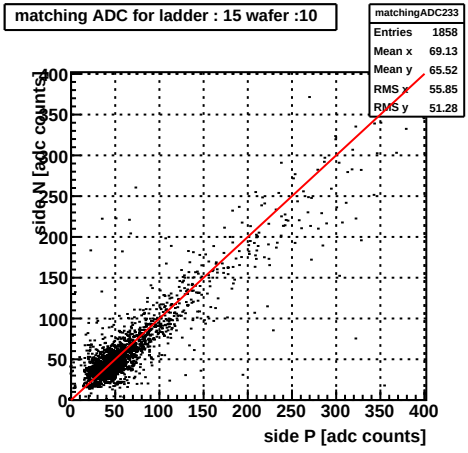

matching ADC for ladder : 15 wafer :9
matchingADC232
Entries 883
Mean x 67.68
Mean y 66.75
RMS x 56.92
RMS y 54.43
side N [adc counts]
side P [adc counts]

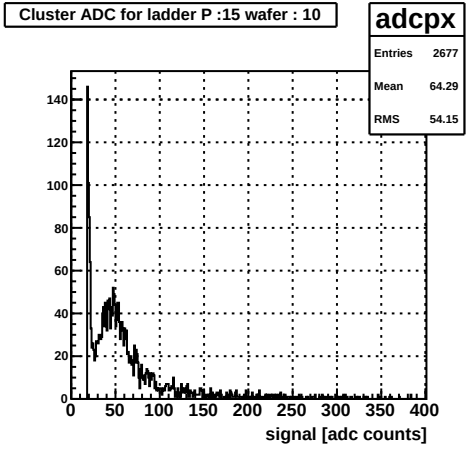

Cluster ADC for ladder P :15 wafer : 9
adcpx
Entries 1300
Mean 77.49
RMS 60.33
signal [adc counts]

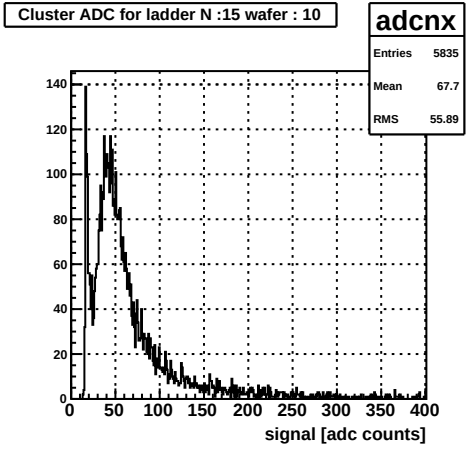

Cluster ADC for ladder N :15 wafer : 9
adcnx
Entries 9645
Mean 55.35
RMS 50.5
signal [adc counts]

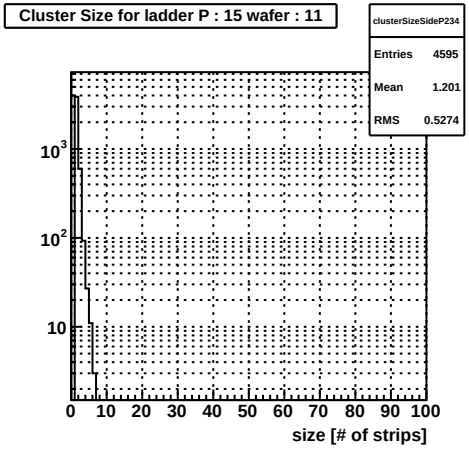

Cluster Size for ladder P : 15 wafer : 10
clusterSizeSideP233
Entries 2677
Mean 1.272
RMS 0.5676
size [# of strips]

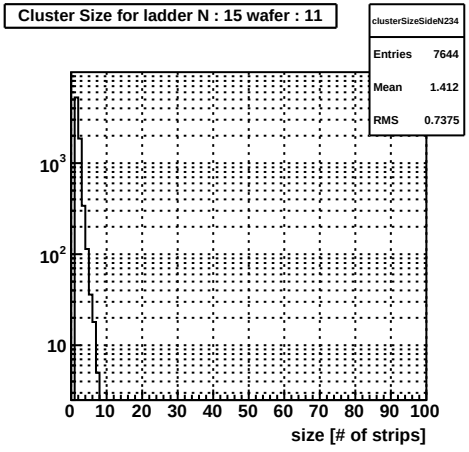

Cluster Size for ladder N : 15 wafer : 10
clusterSizeSideN233
Entries 5835
Mean 1.498
RMS 0.7951
size [# of strips]

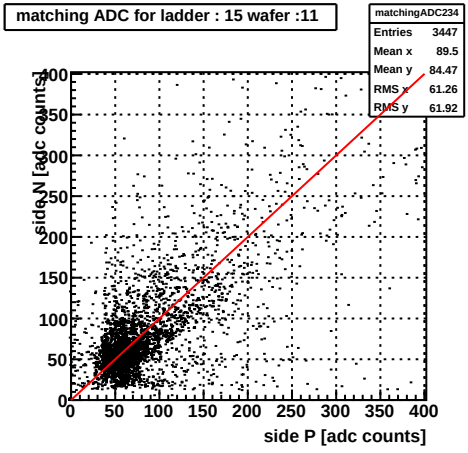

matching ADC for ladder : 15 wafer :10
matchingADC233
Entries 1858
Mean x 69.13
Mean y 65.52
RMS x 55.85
RMS y 51.28
side N [adc counts]
side P [adc counts]

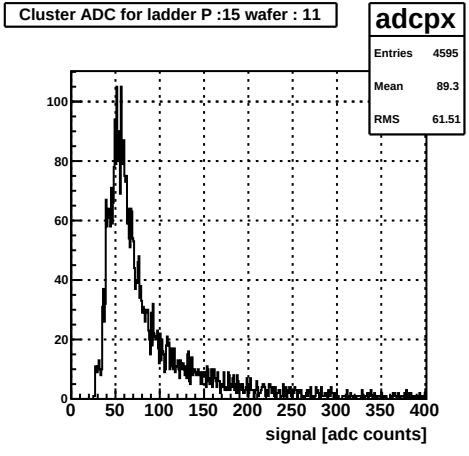

Cluster ADC for ladder P :15 wafer : 10
adcpx
Entries 2677
Mean 64.29
RMS 54.15
signal [adc counts]

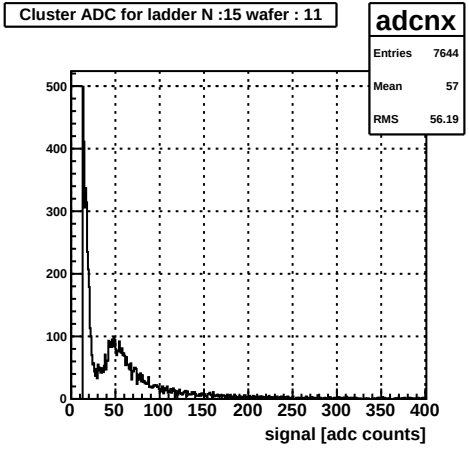

Cluster ADC for ladder N :15 wafer : 10
adcnx
Entries 5835
Mean 67.7
RMS 55.89
signal [adc counts]

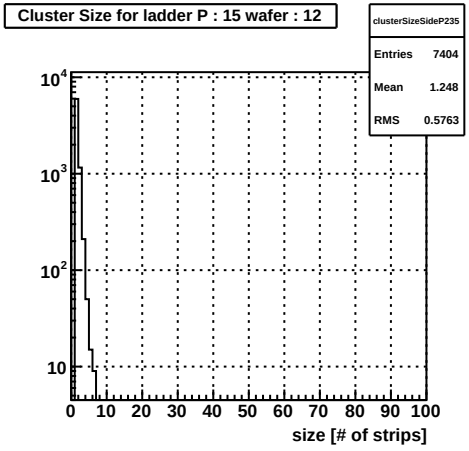

Cluster Size for ladder P : 15 wafer : 11
clusterSizeSideP234
Entries 4595
Mean 1.201
RMS 0.5274
size [# of strips]

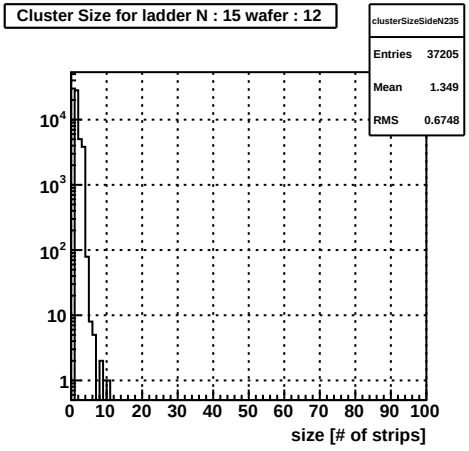

Cluster Size for ladder N : 15 wafer : 11
clusterSizeSideN234
Entries 7644
Mean 1.412
RMS 0.7375
size [# of strips]

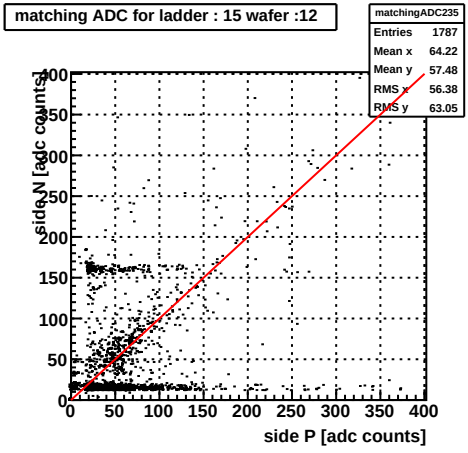

matching ADC for ladder : 15 wafer :11
matchingADC234
Entries 3447
Mean x 89.5
Mean y 84.47
RMS x 61.26
RMS y 61.92
side N [adc counts]
side P [adc counts]

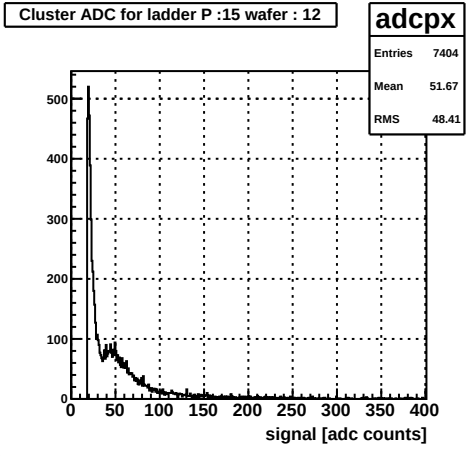

Cluster ADC for ladder P :15 wafer : 11
adcpx
Entries 4595
Mean 89.3
RMS 61.51
signal [adc counts]

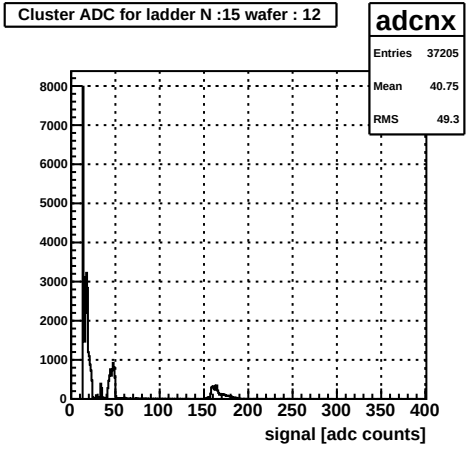

Cluster ADC for ladder N :15 wafer : 11
adcnx
Entries 7644
Mean 57
RMS 56.19
signal [adc counts]

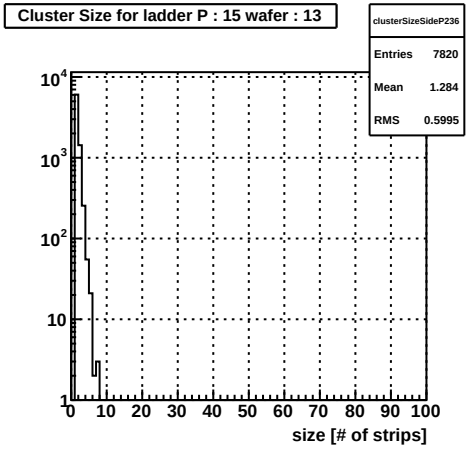

Cluster Size for ladder P : 15 wafer : 12
clusterSizeSideP235
Entries 7404
Mean 1.248
RMS 0.5763
size [# of strips]

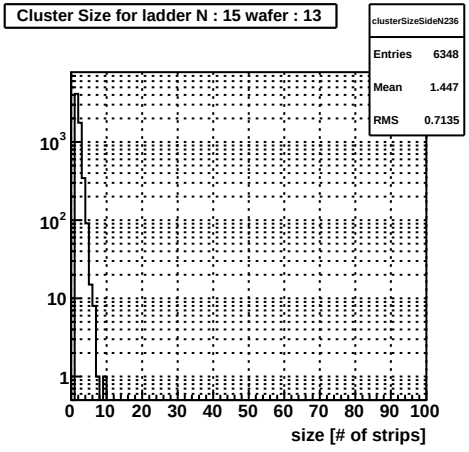

Cluster Size for ladder N : 15 wafer : 12
clusterSizeSideN235
Entries 37205
Mean 1.349
RMS 0.6748
size [# of strips]

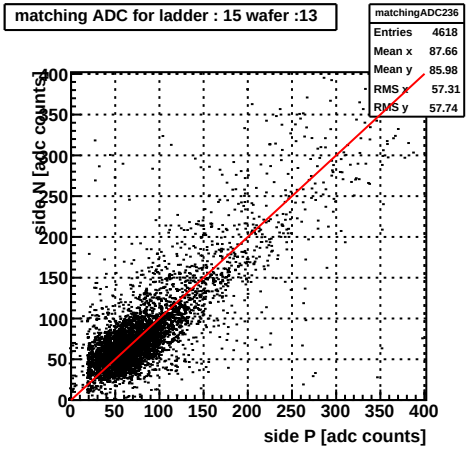

matching ADC for ladder : 15 wafer :12
matchingADC235
Entries 1787
Mean x 64.22
Mean y 57.48
RMS x 56.38
RMS y 63.05
side N [adc counts]
side P [adc counts]

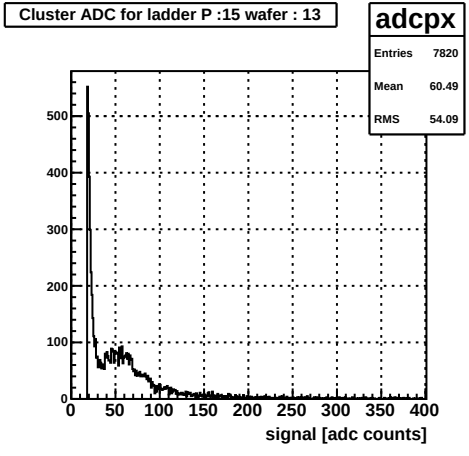

Cluster ADC for ladder P :15 wafer : 12
adcpx
Entries 7404
Mean 51.67
RMS 48.41
signal [adc counts]

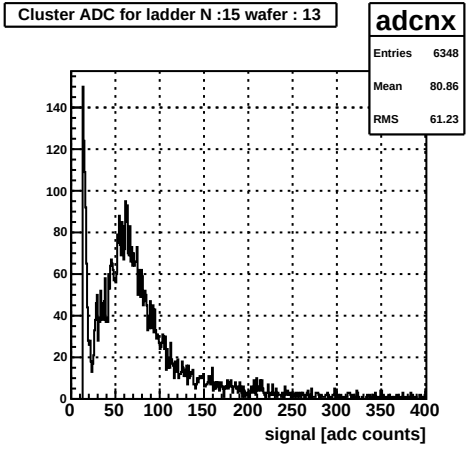

Cluster ADC for ladder N :15 wafer : 12
adcnx
Entries 37205
Mean 40.75
RMS 49.3
signal [adc counts]

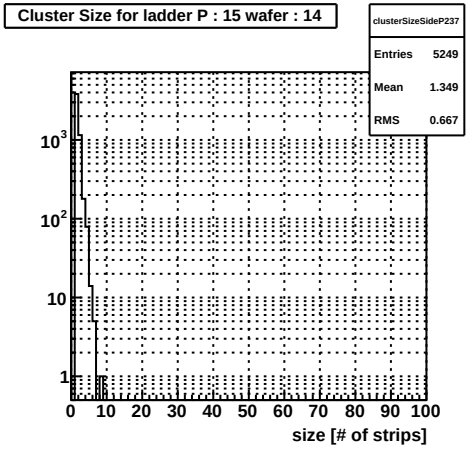

Cluster Size for ladder P : 15 wafer : 13
clusterSizeSideP236
Entries 7820
Mean 1.284
RMS 0.5995
size [# of strips]

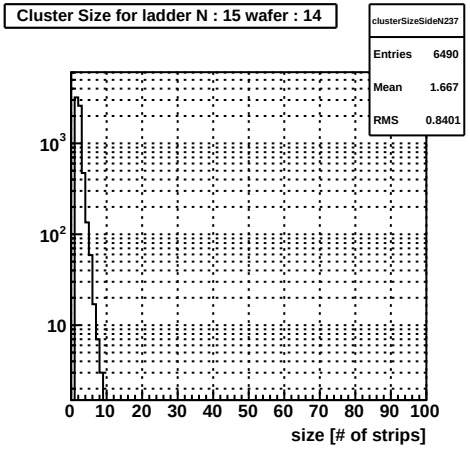

Cluster Size for ladder N : 15 wafer : 13
clusterSizeSideN236
Entries 6348
Mean 1.447
RMS 0.7135
size [# of strips]

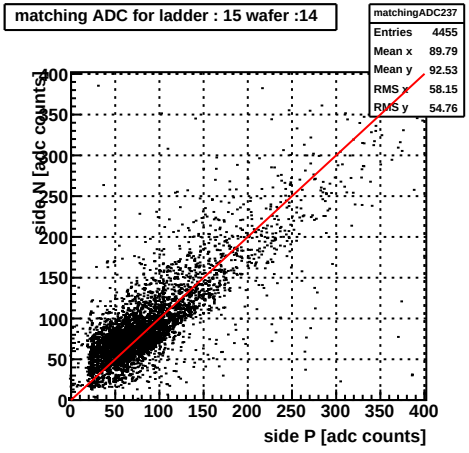

matching ADC for ladder : 15 wafer :13
matchingADC236
Entries 4618
Mean x 87.66
Mean y 85.98
RMS x 57.31
RMS y 57.74
side N [adc counts]
side P [adc counts]

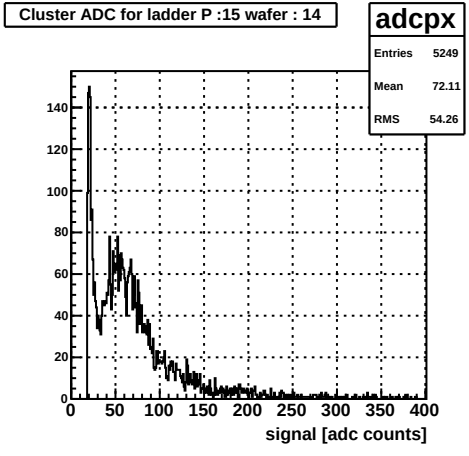

Cluster ADC for ladder P :15 wafer : 13
adcpx
Entries 7820
Mean 60.49
RMS 54.09
signal [adc counts]

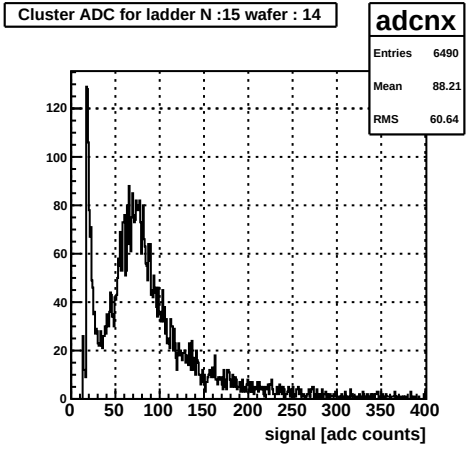

Cluster ADC for ladder N :15 wafer : 13
adcnx
Entries 6348
Mean 80.86
RMS 61.23
signal [adc counts]

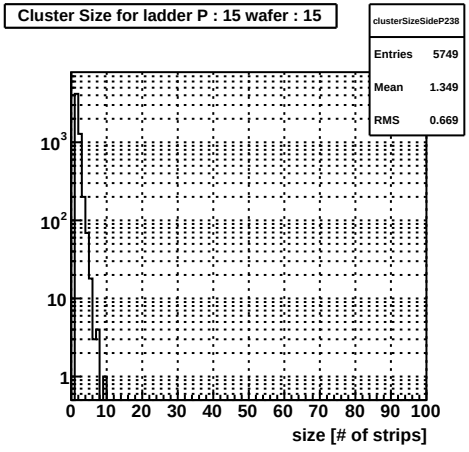

Cluster Size for ladder P : 15 wafer : 14
clusterSizeSideP237
Entries 5249
Mean 1.349
RMS 0.667
size [# of strips]

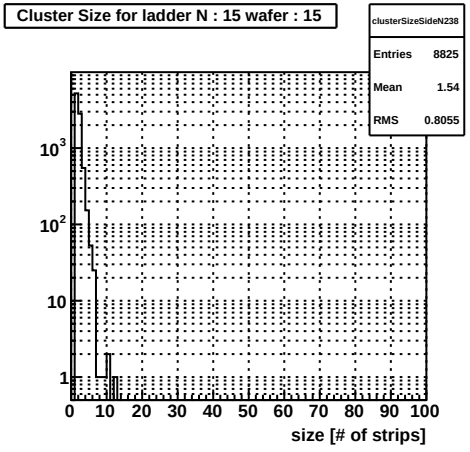

Cluster Size for ladder N : 15 wafer : 14
clusterSizeSideN237
Entries 6490
Mean 1.667
RMS 0.8401
size [# of strips]

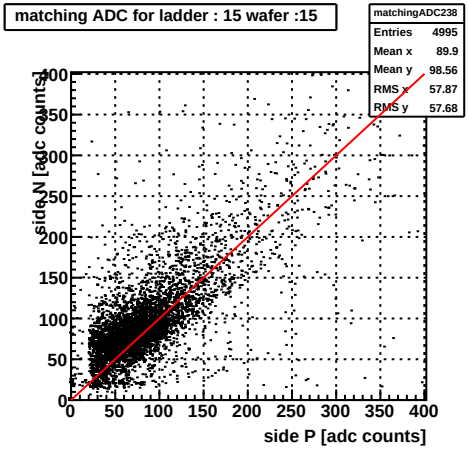

matching ADC for ladder : 15 wafer :14
matchingADC237
Entries 4455
Mean x 89.79
Mean y 92.53
RMS x 58.15
RMS y 54.76
side N [adc counts]
side P [adc counts]

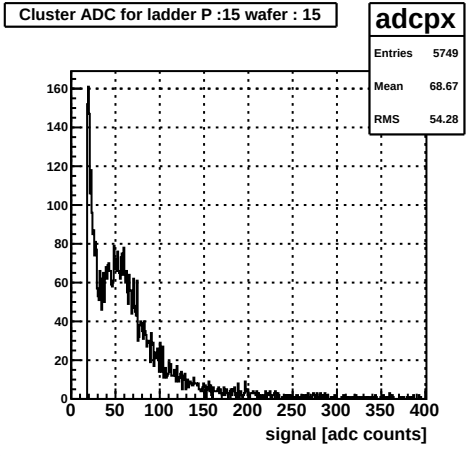

Cluster ADC for ladder P :15 wafer : 14
adcpx
Entries 5249
Mean 72.11
RMS 54.26
signal [adc counts]

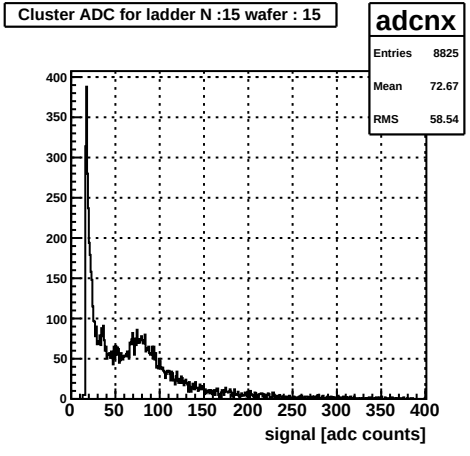

Cluster ADC for ladder N :15 wafer : 14
adcnx
Entries 6490
Mean 88.21
RMS 60.64
signal [adc counts]

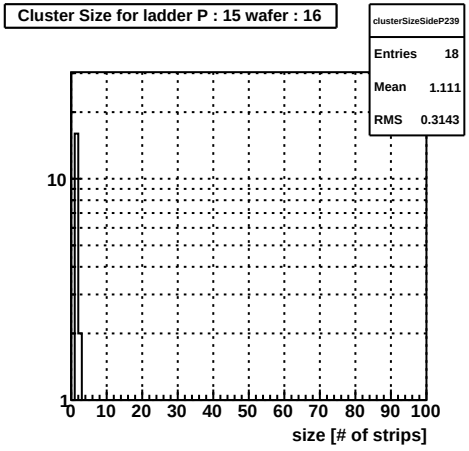

Cluster Size for ladder P : 15 wafer : 15
clusterSizeSideP238
Entries 5749
Mean 1.349
RMS 0.669
size [# of strips]

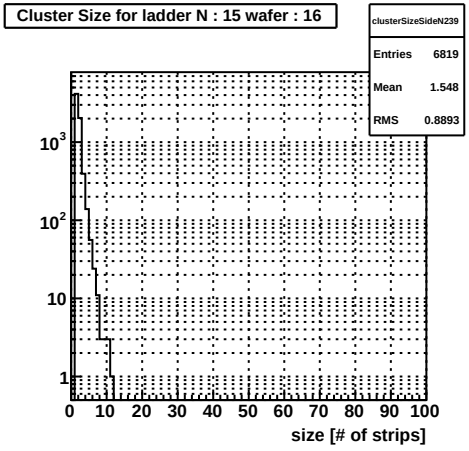

Cluster Size for ladder N : 15 wafer : 15
clusterSizeSideN238
Entries 8825
Mean 1.54
RMS 0.8055
size [# of strips]

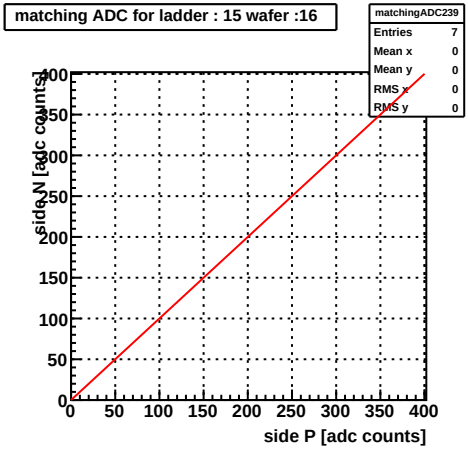

matching ADC for ladder : 15 wafer :15
matchingADC238
Entries 4995
Mean x 89.9
Mean y 98.56
RMS x 57.87
RMS y 57.68
side N [adc counts]
side P [adc counts]

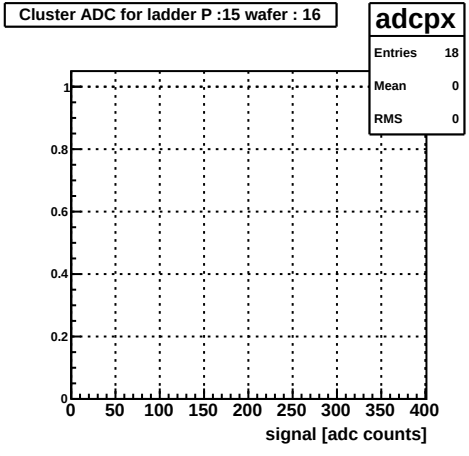

Cluster ADC for ladder P :15 wafer : 15
adcpx
Entries 5749
Mean 68.67
RMS 54.28
signal [adc counts]

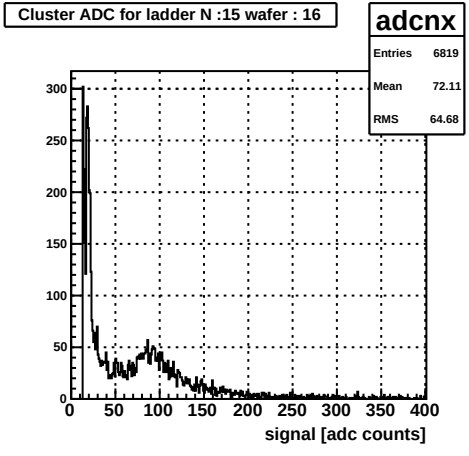

Cluster ADC for ladder N :15 wafer : 15
adcnx
Entries 8825
Mean 72.67
RMS 58.54
signal [adc counts]

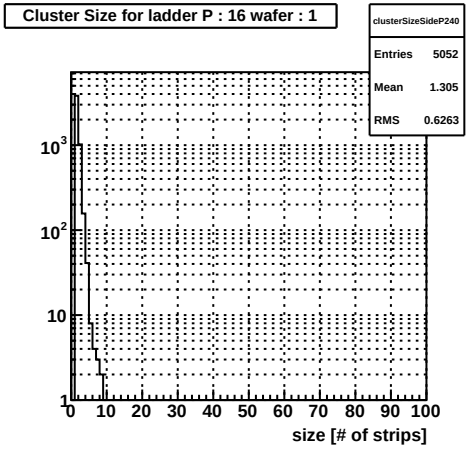

Cluster Size for ladder P : 15 wafer : 16
clusterSizeSideP239
Entries 18
Mean 1.111
RMS 0.3143
size [# of strips]

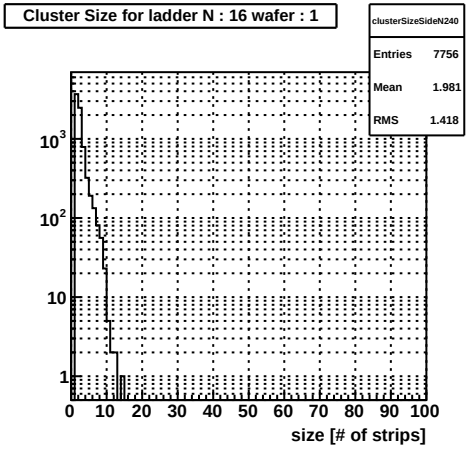

Cluster Size for ladder N : 15 wafer : 16
clusterSizeSideN239
Entries 6819
Mean 1.548
RMS 0.8893
size [# of strips]

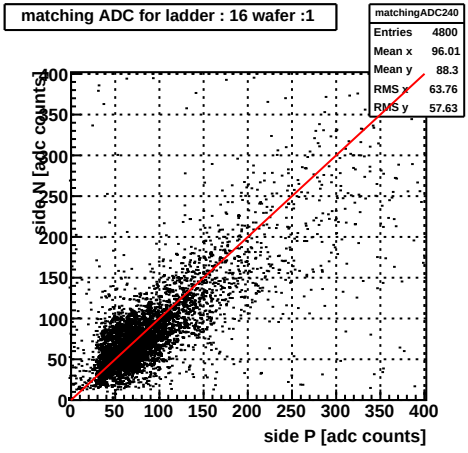

matching ADC for ladder : 15 wafer :16
matchingADC239
Entries 7
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

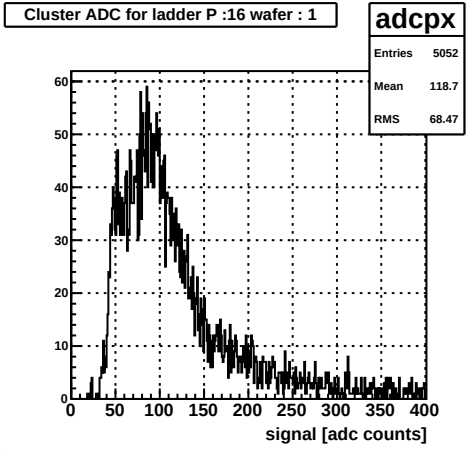

Cluster ADC for ladder P :15 wafer : 16
adcpx
Entries 18
Mean 0
RMS 0
signal [adc counts]

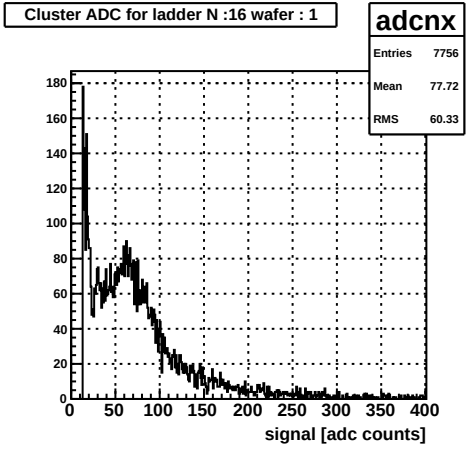

Cluster ADC for ladder N :15 wafer : 16
adcnx
Entries 6819
Mean 72.11
RMS 64.68
signal [adc counts]

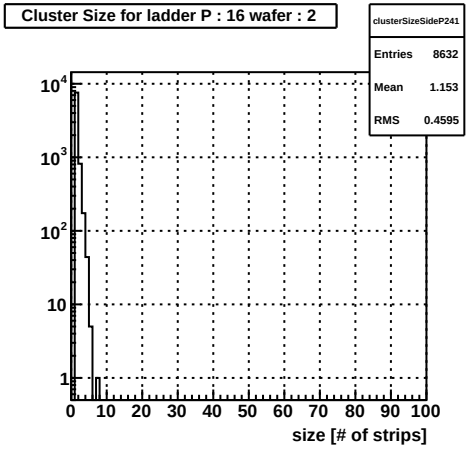

Cluster Size for ladder P : 16 wafer : 1
clusterSizeSideP240
Entries 5052
Mean 1.305
RMS 0.6263
size [# of strips]

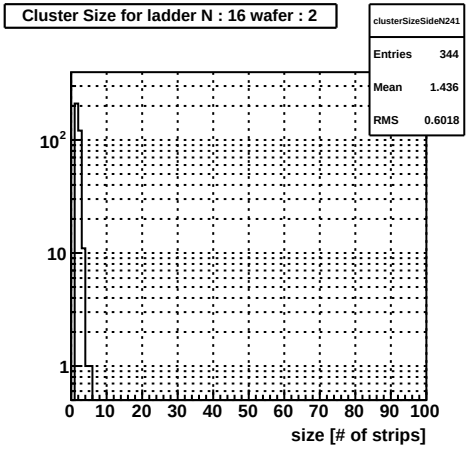

Cluster Size for ladder N : 16 wafer : 1
clusterSizeSideN240
Entries 7756
Mean 1.981
RMS 1.418
size [# of strips]

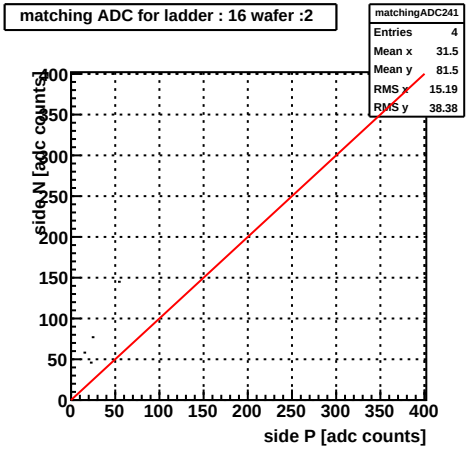

matching ADC for ladder : 16 wafer :1
matchingADC240
Entries 4800
Mean x 96.01
Mean y 88.3
RMS x 63.76
RMS y 57.63
side N [adc counts]
side P [adc counts]

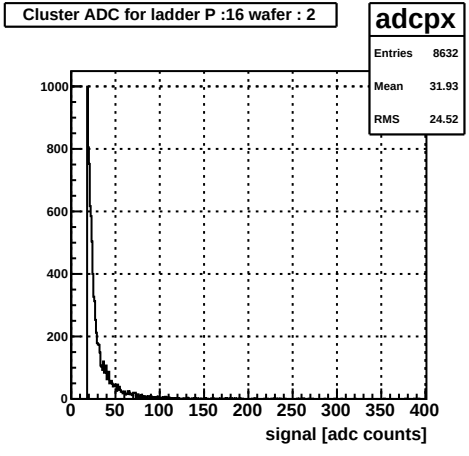

Cluster ADC for ladder P :16 wafer : 1
adcpx
Entries 5052
Mean 118.7
RMS 68.47
signal [adc counts]

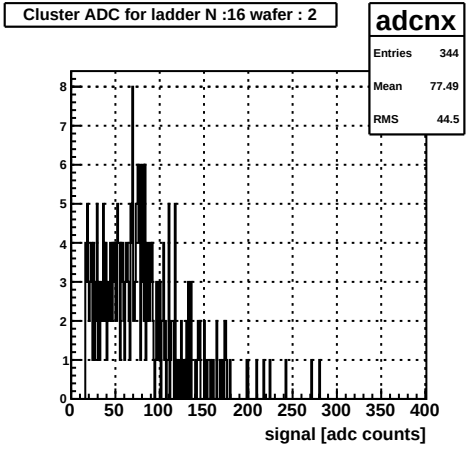

Cluster ADC for ladder N :16 wafer : 1
adcnx
Entries 7756
Mean 77.72
RMS 60.33
signal [adc counts]

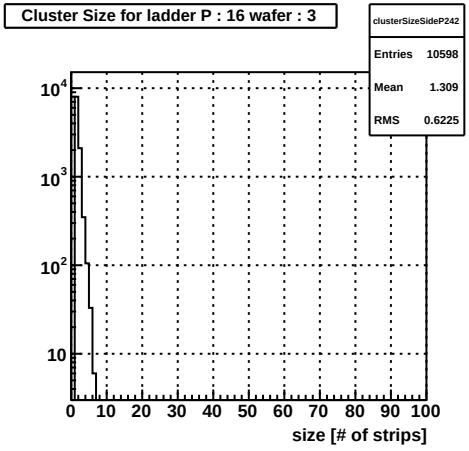

Cluster Size for ladder P : 16 wafer : 2
clusterSizeSideP241
Entries 8632
Mean 1.153
RMS 0.4595
size [# of strips]

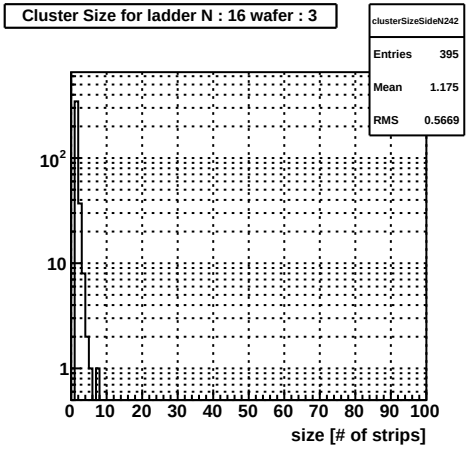

Cluster Size for ladder N : 16 wafer : 2
clusterSizeSideN241
Entries 344
Mean 1.436
RMS 0.6018
size [# of strips]

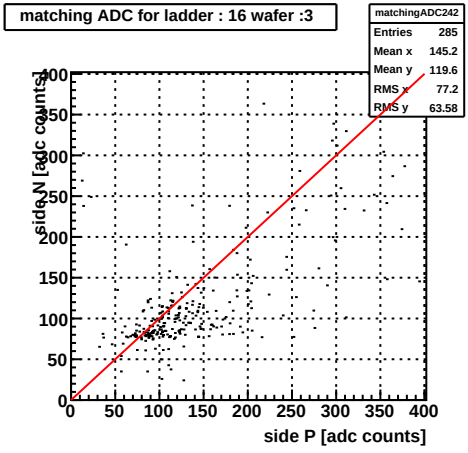

matching ADC for ladder : 16 wafer :2
matchingADC241
Entries 4
Mean x 31.5
Mean y 81.5
RMS x 15.19
RMS y 38.38
side N [adc counts]
side P [adc counts]

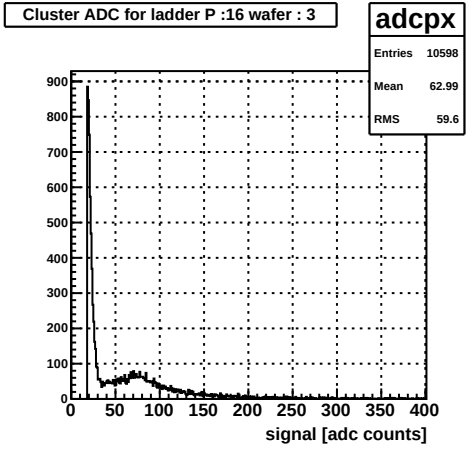

Cluster ADC for ladder P :16 wafer : 2
adcpx
Entries 8632
Mean 31.93
RMS 24.52
signal [adc counts]

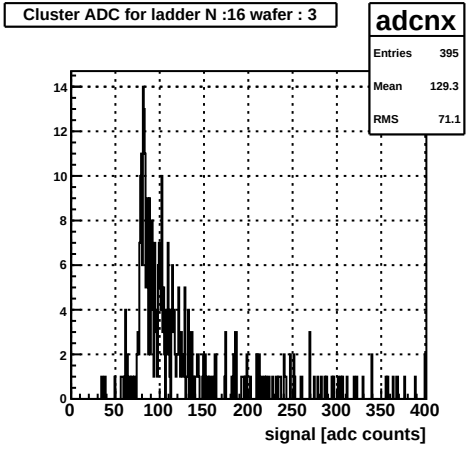

Cluster ADC for ladder N :16 wafer : 2
adcnx
Entries 344
Mean 77.49
RMS 44.5
signal [adc counts]

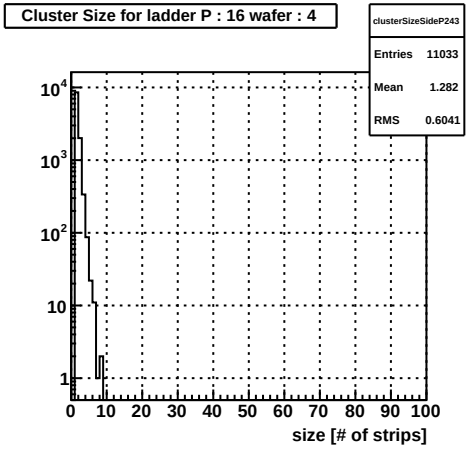

Cluster Size for ladder P : 16 wafer : 3
clusterSizeSideP242
Entries 10598
Mean 1.309
RMS 0.6225
size [# of strips]

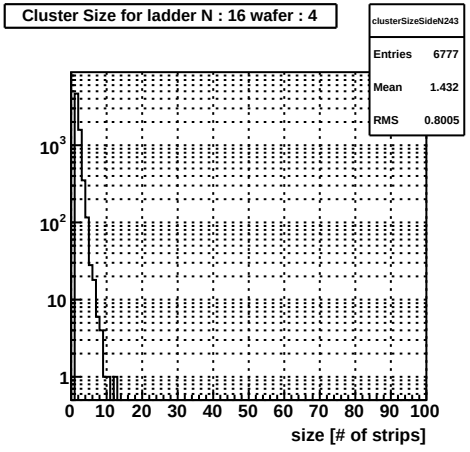

Cluster Size for ladder N : 16 wafer : 3
clusterSizeSideN242
Entries 395
Mean 1.175
RMS 0.5669
size [# of strips]

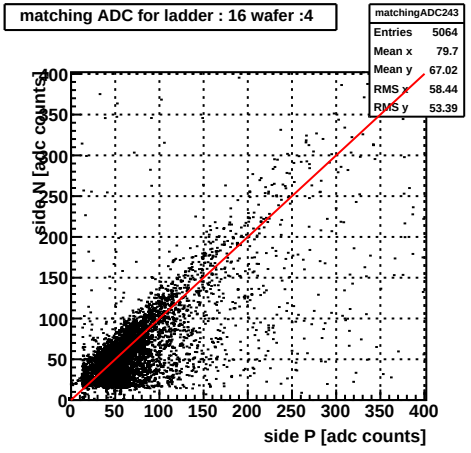

matching ADC for ladder : 16 wafer :3
matchingADC242
Entries 285
Mean x 145.2
Mean y 119.6
RMS x 77.2
RMS y 63.58
side N [adc counts]
side P [adc counts]

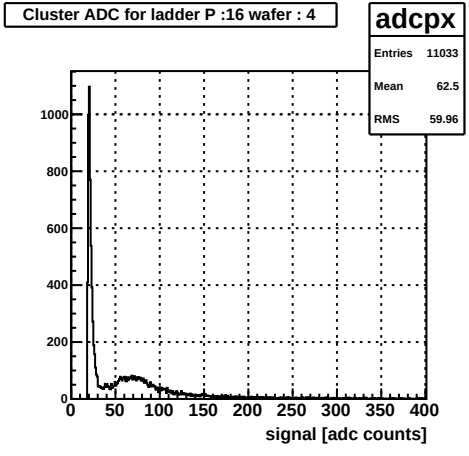

Cluster ADC for ladder P :16 wafer : 3
adcpx
Entries 10598
Mean 62.99
RMS 59.6
signal [adc counts]

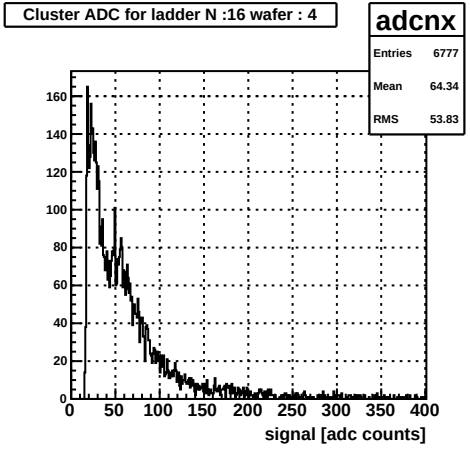

Cluster ADC for ladder N :16 wafer : 3
adcnx
Entries 395
Mean 129.3
RMS 71.1
signal [adc counts]

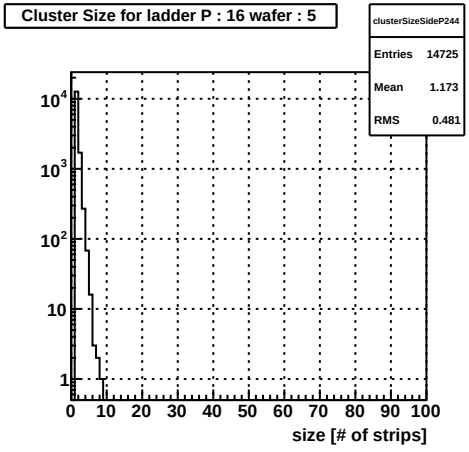

Cluster Size for ladder P : 16 wafer : 4
clusterSizeSideP243
Entries 11033
Mean 1.282
RMS 0.6041
size [# of strips]

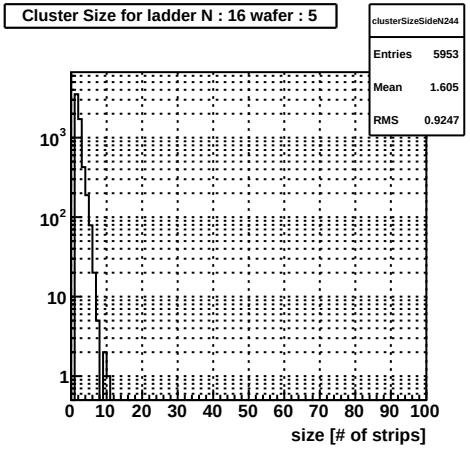

Cluster Size for ladder N : 16 wafer : 4
clusterSizeSideN243
Entries 6777
Mean 1.432
RMS 0.8005
size [# of strips]

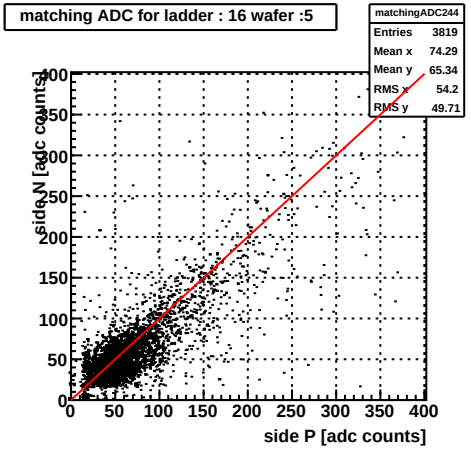

matching ADC for ladder : 16 wafer :4
matchingADC243
Entries 5064
Mean x 79.7
Mean y 67.02
RMS x 58.44
RMS y 53.39
side N [adc counts]
side P [adc counts]

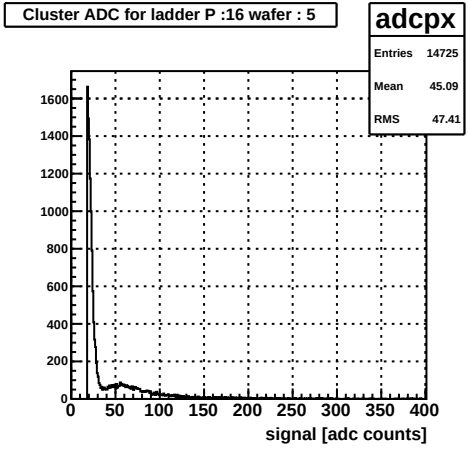

Cluster ADC for ladder P :16 wafer : 4
adcpx
Entries 11033
Mean 62.5
RMS 59.96
signal [adc counts]

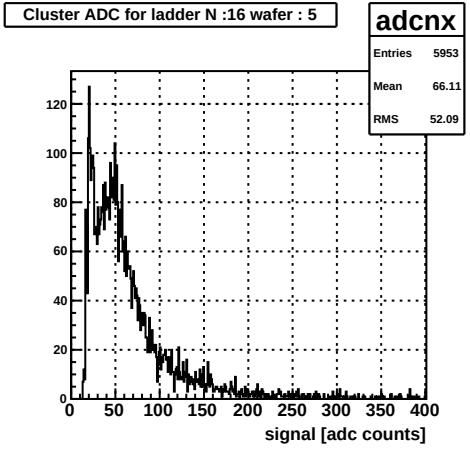

Cluster ADC for ladder N :16 wafer : 4
adcnx
Entries 6777
Mean 64.34
RMS 53.83
signal [adc counts]

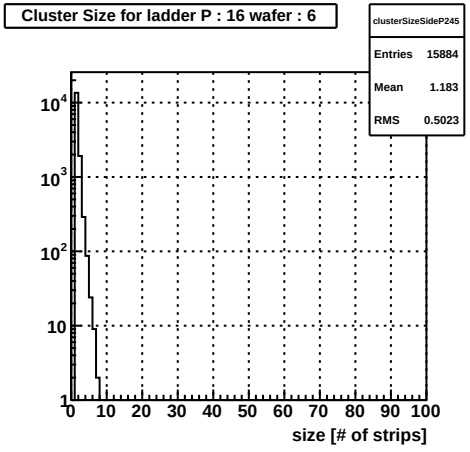

Cluster Size for ladder P : 16 wafer : 5
clusterSizeSideP244
Entries 14725
Mean 1.173
RMS 0.481
size [# of strips]

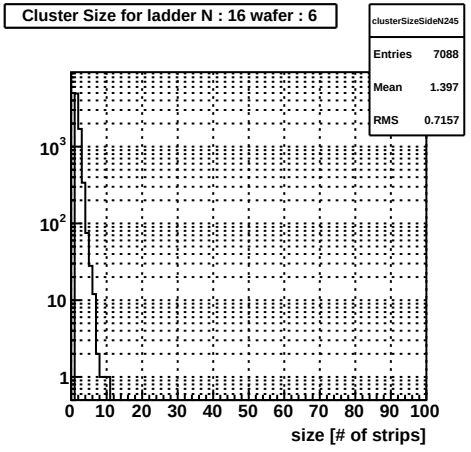

Cluster Size for ladder N : 16 wafer : 5
clusterSizeSideN244
Entries 5953
Mean 1.605
RMS 0.9247
size [# of strips]

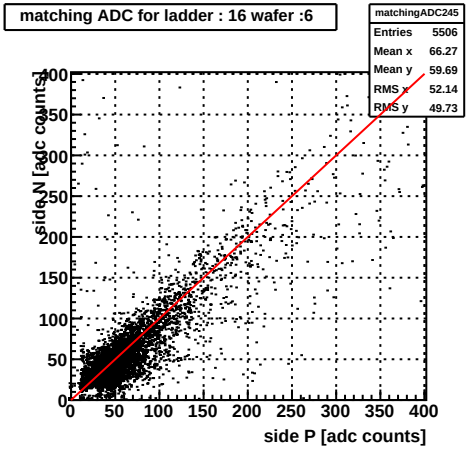

matching ADC for ladder : 16 wafer :5
matchingADC244
Entries 3819
Mean x 74.29
Mean y 65.34
RMS x 54.2
RMS y 49.71
side N [adc counts]
side P [adc counts]

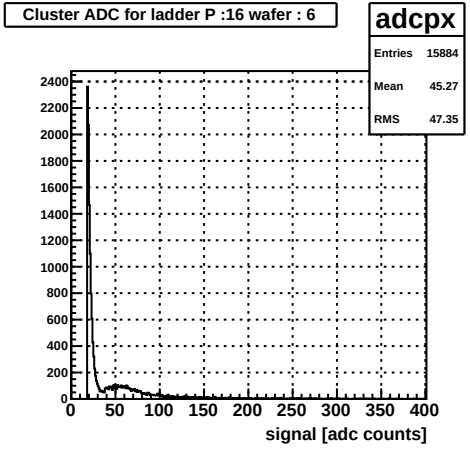

Cluster ADC for ladder P :16 wafer : 5
adcpx
Entries 14725
Mean 45.09
RMS 47.41
signal [adc counts]

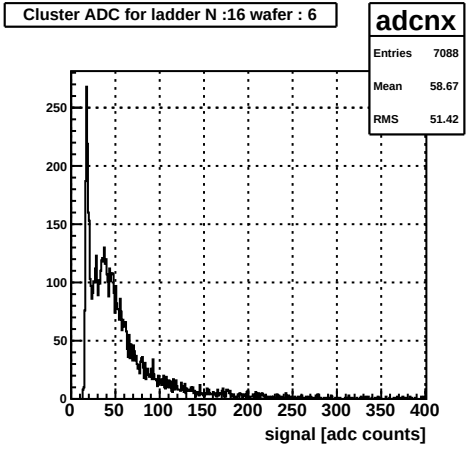

Cluster ADC for ladder N :16 wafer : 5
adcnx
Entries 5953
Mean 66.11
RMS 52.09
signal [adc counts]

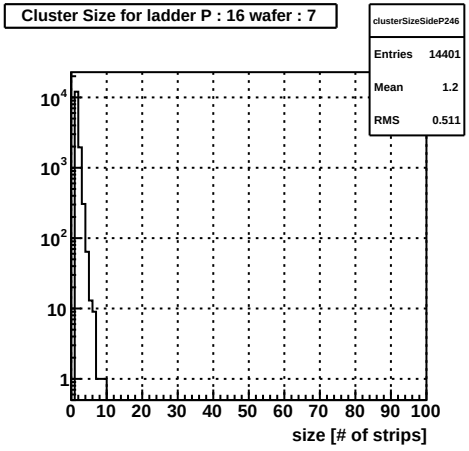

Cluster Size for ladder P : 16 wafer : 6
clusterSizeSideP245
Entries 15884
Mean 1.183
RMS 0.5023
size [# of strips]

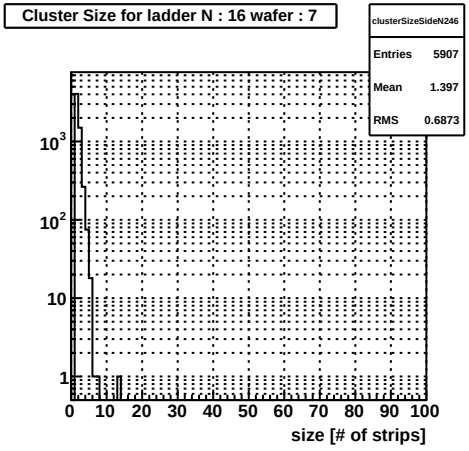

Cluster Size for ladder N : 16 wafer : 6
clusterSizeSideN245
Entries 7088
Mean 1.397
RMS 0.7157
size [# of strips]

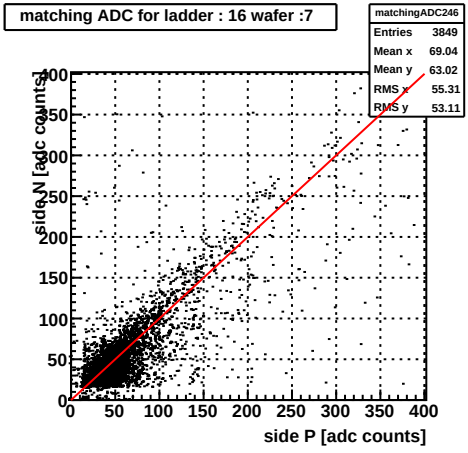

matching ADC for ladder : 16 wafer :6
matchingADC245
Entries 5506
Mean x 66.27
Mean y 59.69
RMS x 52.14
RMS y 49.73
side N [adc counts]
side P [adc counts]

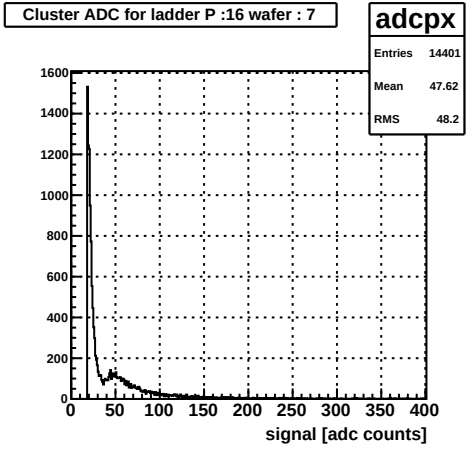

Cluster ADC for ladder P :16 wafer : 6
adcpx
Entries 15884
Mean 45.27
RMS 47.35
signal [adc counts]

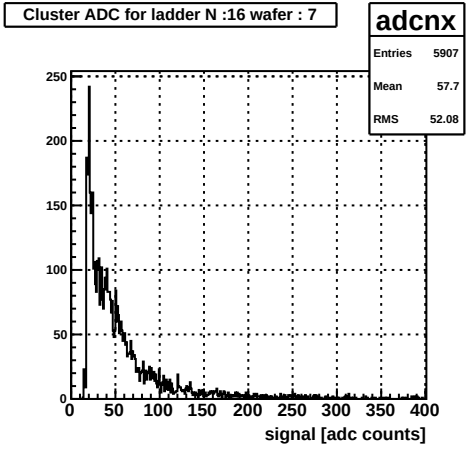

Cluster ADC for ladder N :16 wafer : 6
adcnx
Entries 7088
Mean 58.67
RMS 51.42
signal [adc counts]

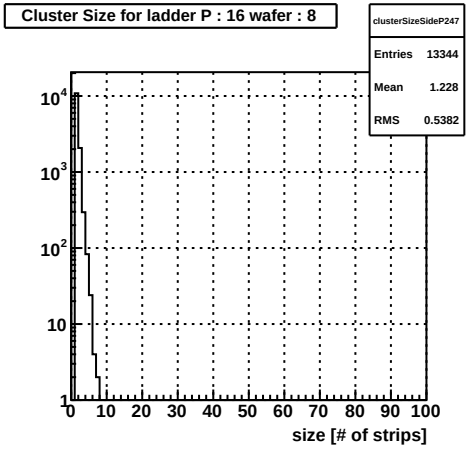

Cluster Size for ladder P : 16 wafer : 7
clusterSizeSideP246
Entries 14401
Mean 1.2
RMS 0.511
size [# of strips]

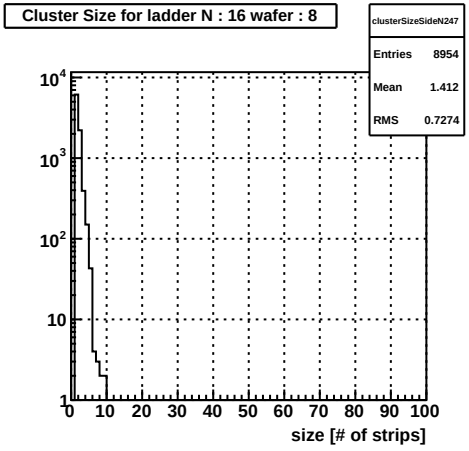

Cluster Size for ladder N : 16 wafer : 7
clusterSizeSideN246
Entries 5907
Mean 1.397
RMS 0.6873
size [# of strips]

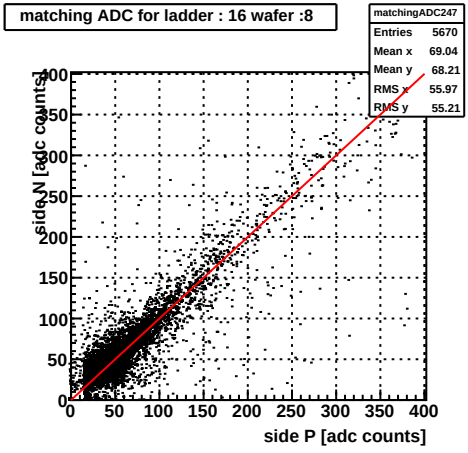

matching ADC for ladder : 16 wafer :7
matchingADC246
Entries 3849
Mean x 69.04
Mean y 63.02
RMS x 55.31
RMS y 53.11
side N [adc counts]
side P [adc counts]

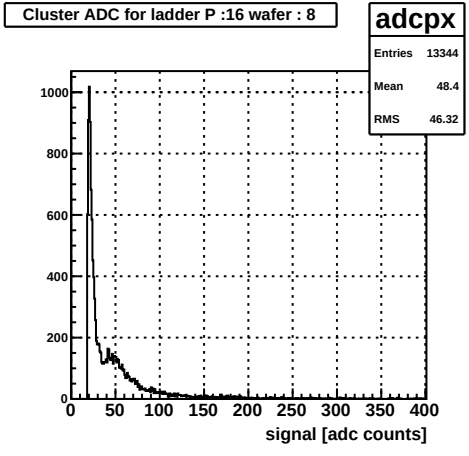

Cluster ADC for ladder P :16 wafer : 7
adcpx
Entries 14401
Mean 47.62
RMS 48.2
signal [adc counts]

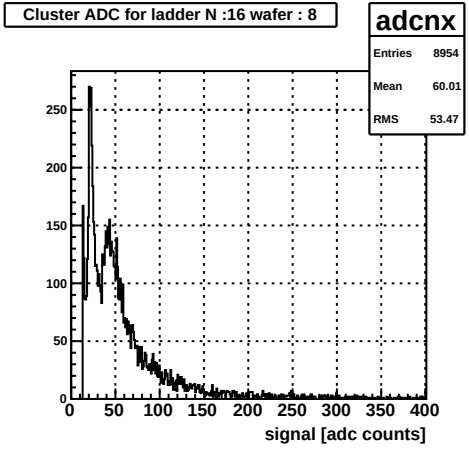

Cluster ADC for ladder N :16 wafer : 7
adcnx
Entries 5907
Mean 57.7
RMS 52.08
signal [adc counts]

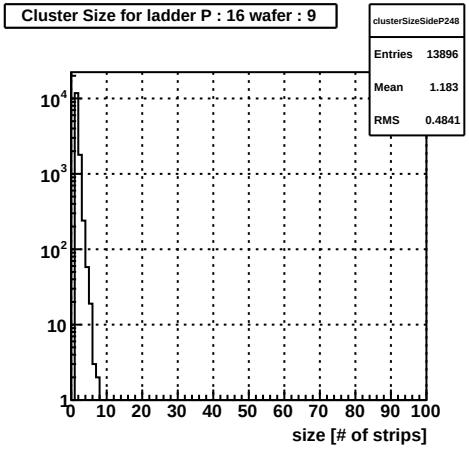

Cluster Size for ladder P : 16 wafer : 8
clusterSizeSideP247
Entries 13344
Mean 1.228
RMS 0.5382
size [# of strips]

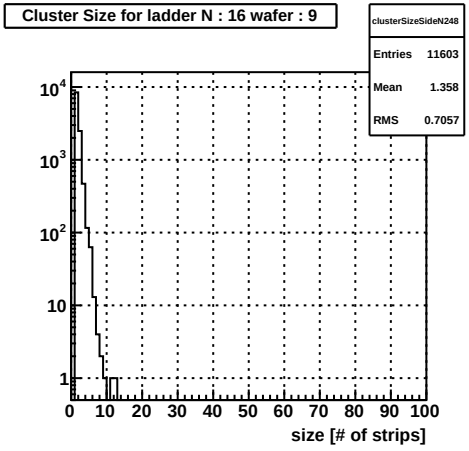

Cluster Size for ladder N : 16 wafer : 8
clusterSizeSideN247
Entries 8954
Mean 1.412
RMS 0.7274
size [# of strips]

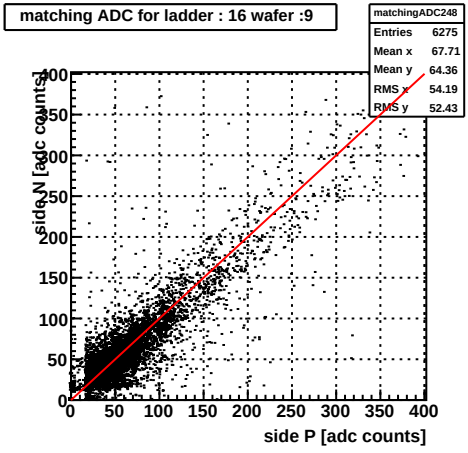

matching ADC for ladder : 16 wafer :8
matchingADC247
Entries 5670
Mean x 69.04
Mean y 68.21
RMS x 55.97
RMS y 55.21
side N [adc counts]
side P [adc counts]

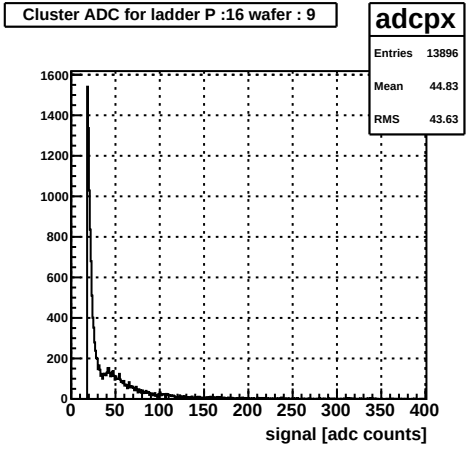

Cluster ADC for ladder P :16 wafer : 8
adcpx
Entries 13344
Mean 48.4
RMS 46.32
signal [adc counts]

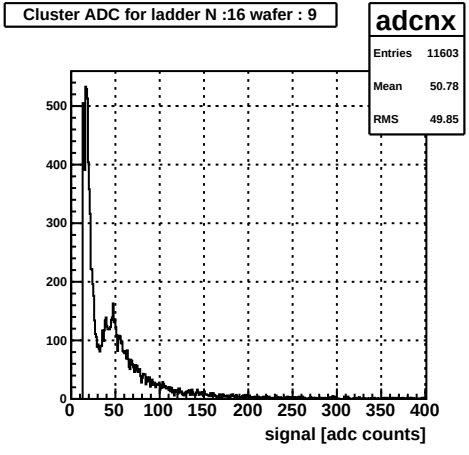

Cluster ADC for ladder N :16 wafer : 8
adcnx
Entries 8954
Mean 60.01
RMS 53.47
signal [adc counts]

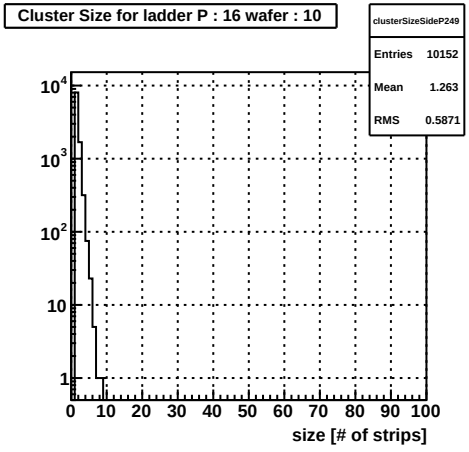

Cluster Size for ladder P : 16 wafer : 9
clusterSizeSideP248
Entries 13896
Mean 1.183
RMS 0.4841
size [# of strips]

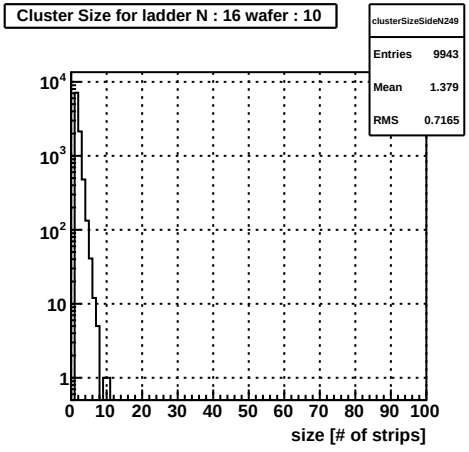

Cluster Size for ladder N : 16 wafer : 9
clusterSizeSideN248
Entries 11603
Mean 1.358
RMS 0.7057
size [# of strips]

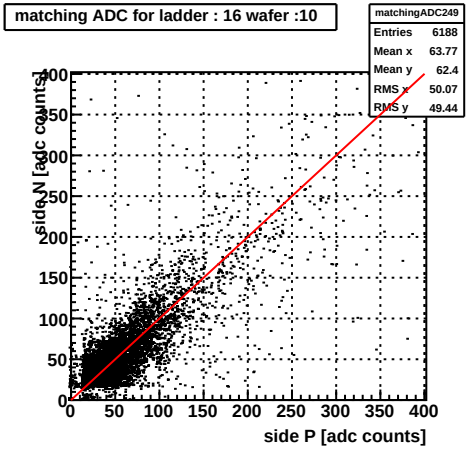

matching ADC for ladder : 16 wafer :9
matchingADC248
Entries 6275
Mean x 67.71
Mean y 64.36
RMS x 54.19
RMS y 52.43
side N [adc counts]
side P [adc counts]

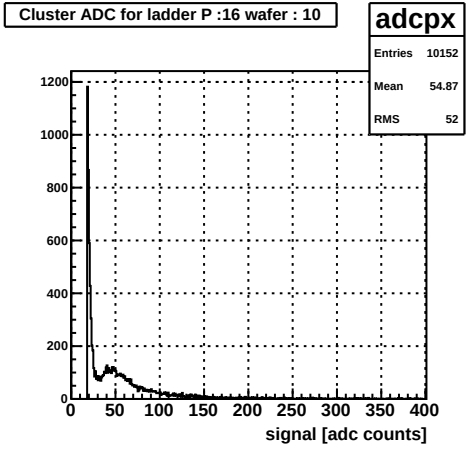

Cluster ADC for ladder P :16 wafer : 9
adcpx
Entries 13896
Mean 44.83
RMS 43.63
signal [adc counts]

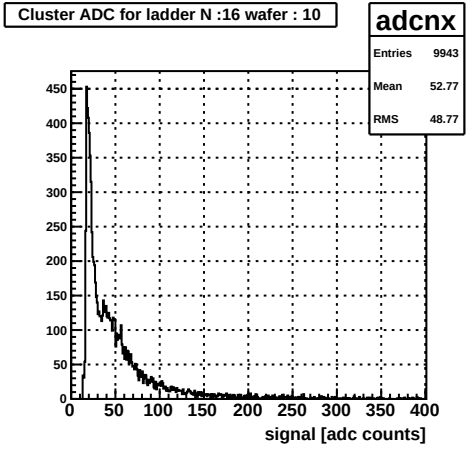

Cluster ADC for ladder N :16 wafer : 9
adcnx
Entries 11603
Mean 50.78
RMS 49.85
signal [adc counts]

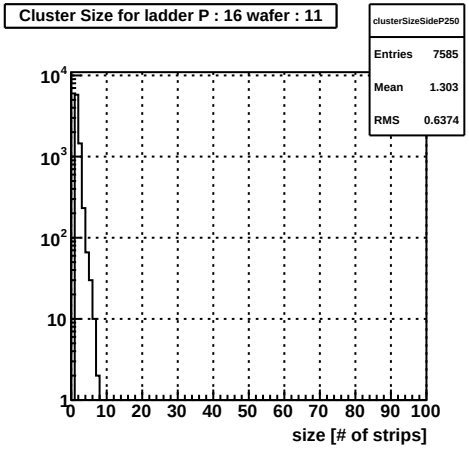

Cluster Size for ladder P : 16 wafer : 10
clusterSizeSideP249
Entries 10152
Mean 1.263
RMS 0.5871
size [# of strips]

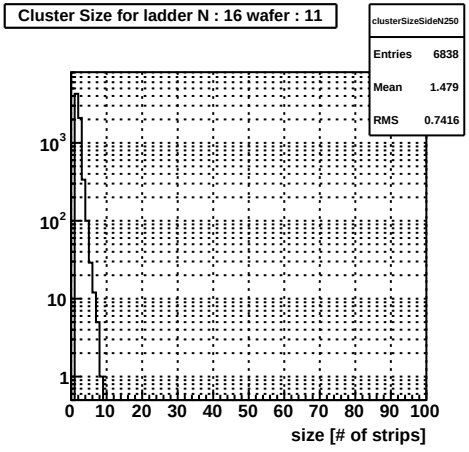

Cluster Size for ladder N : 16 wafer : 10
clusterSizeSideN249
Entries 9943
Mean 1.379
RMS 0.7165
size [# of strips]

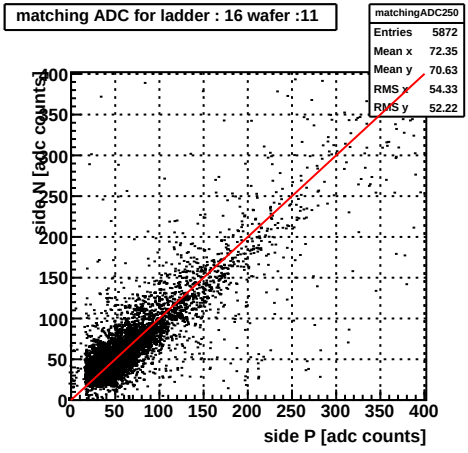

matching ADC for ladder : 16 wafer :10
matchingADC249
Entries 6188
Mean x 63.77
Mean y 62.4
RMS x 50.07
RMS y 49.44
side N [adc counts]
side P [adc counts]

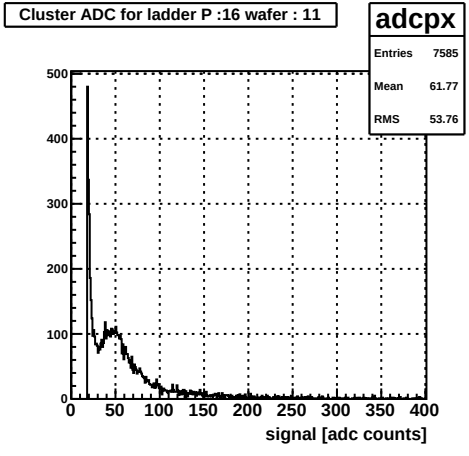

Cluster ADC for ladder P :16 wafer : 10
adcpx
Entries 10152
Mean 54.87
RMS 52
signal [adc counts]

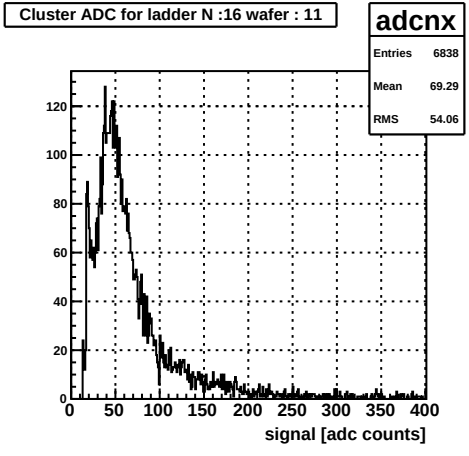

Cluster ADC for ladder N :16 wafer : 10
adcnx
Entries 9943
Mean 52.77
RMS 48.77
signal [adc counts]

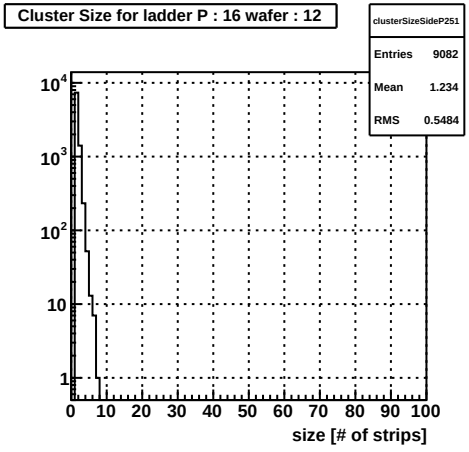

Cluster Size for ladder P : 16 wafer : 11
clusterSizeSideP250
Entries 7585
Mean 1.303
RMS 0.6374
size [# of strips]

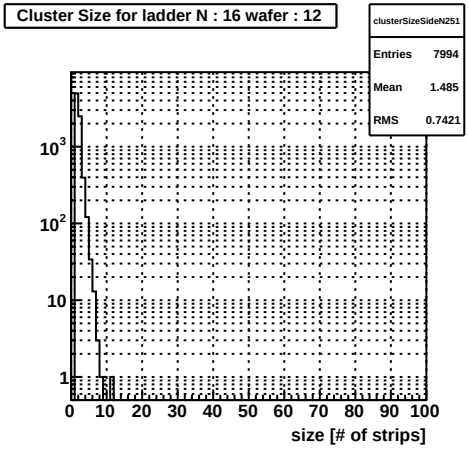

Cluster Size for ladder N : 16 wafer : 11
clusterSizeSideN250
Entries 6838
Mean 1.479
RMS 0.7416
size [# of strips]

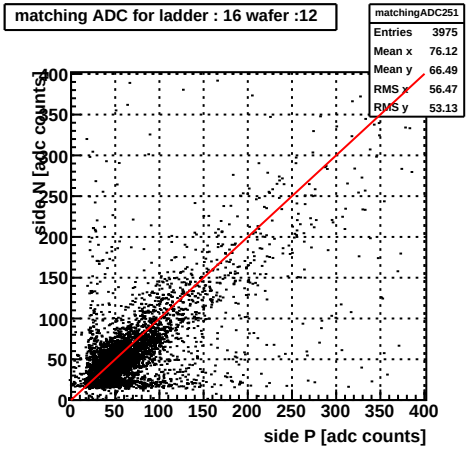

matching ADC for ladder : 16 wafer :11
matchingADC250
Entries 5872
Mean x 72.35
Mean y 70.63
RMS x 54.33
RMS y 52.22
side N [adc counts]
side P [adc counts]

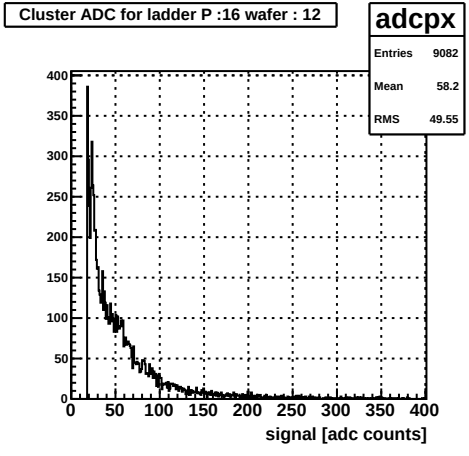

Cluster ADC for ladder P :16 wafer : 11
adcpx
Entries 7585
Mean 61.77
RMS 53.76
signal [adc counts]

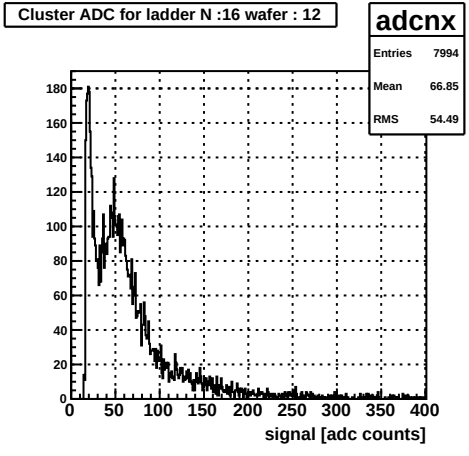

Cluster ADC for ladder N :16 wafer : 11
adcnx
Entries 6838
Mean 69.29
RMS 54.06
signal [adc counts]

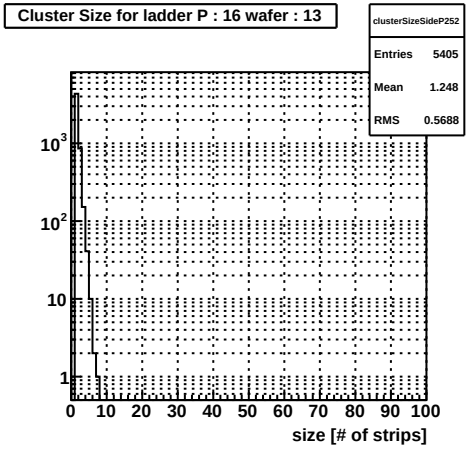

Cluster Size for ladder P : 16 wafer : 12
clusterSizeSideP251
Entries 9082
Mean 1.234
RMS 0.5484
size [# of strips]

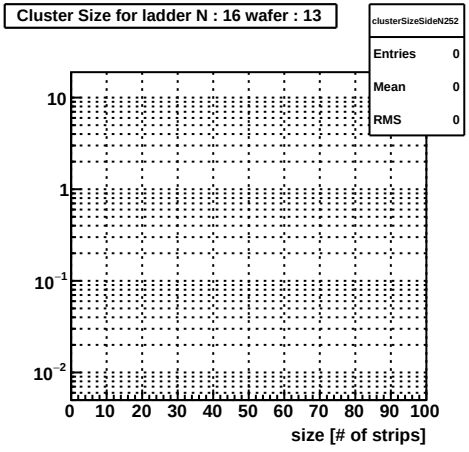

Cluster Size for ladder N : 16 wafer : 12
clusterSizeSideN251
Entries 7994
Mean 1.485
RMS 0.7421
size [# of strips]

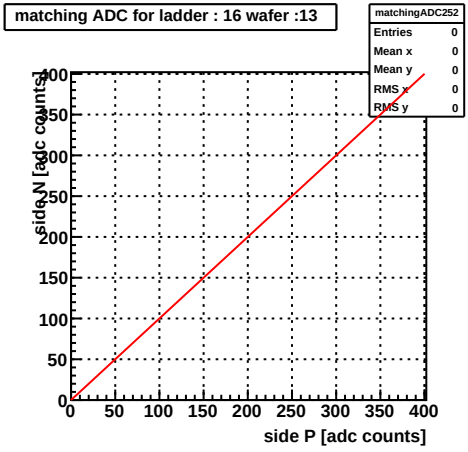

matching ADC for ladder : 16 wafer :12
matchingADC251
Entries 3975
Mean x 76.12
Mean y 66.49
RMS x 56.47
RMS y 53.13
side N [adc counts]
side P [adc counts]

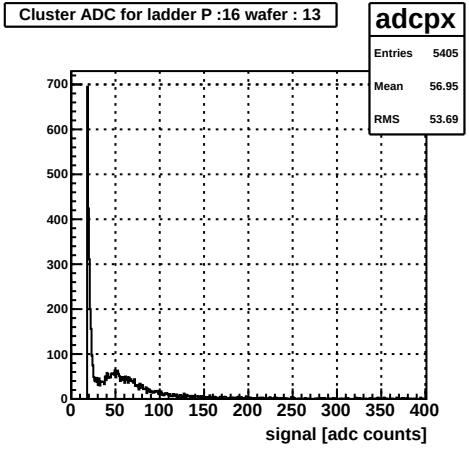

Cluster ADC for ladder P :16 wafer : 12
adcpx
Entries 9082
Mean 58.2
RMS 49.55
signal [adc counts]

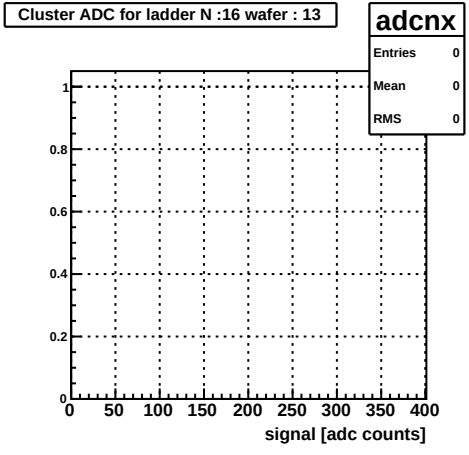

Cluster ADC for ladder N :16 wafer : 12
adcnx
Entries 7994
Mean 66.85
RMS 54.49
signal [adc counts]

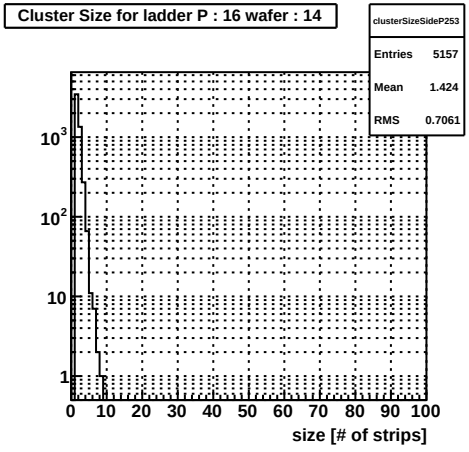

Cluster Size for ladder P : 16 wafer : 13
clusterSizeSideP252
Entries 5405
Mean 1.248
RMS 0.5688
size [# of strips]

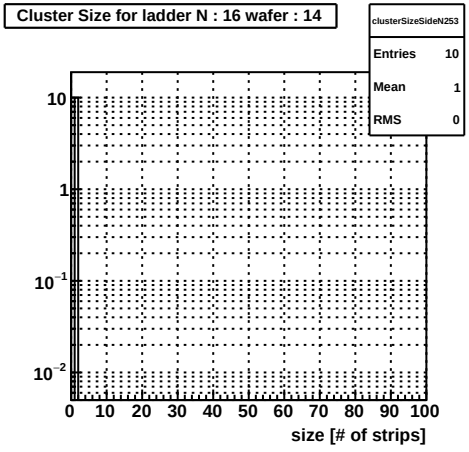

Cluster Size for ladder N : 16 wafer : 13
clusterSizeSideN252
Entries 0
Mean 0
RMS 0
size [# of strips]

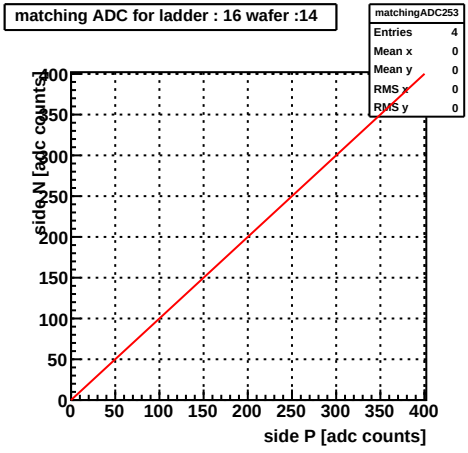

matching ADC for ladder : 16 wafer :13
matchingADC252
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

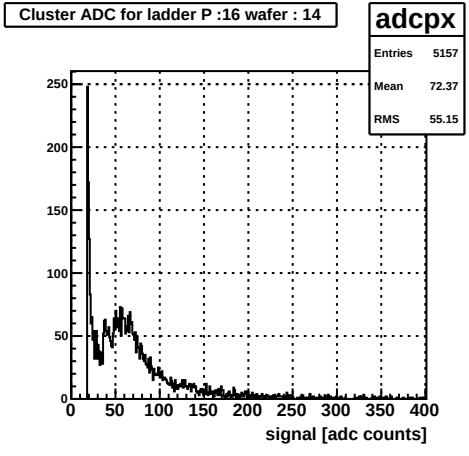

Cluster ADC for ladder P :16 wafer : 13
adcpx
Entries 5405
Mean 56.95
RMS 53.69
signal [adc counts]

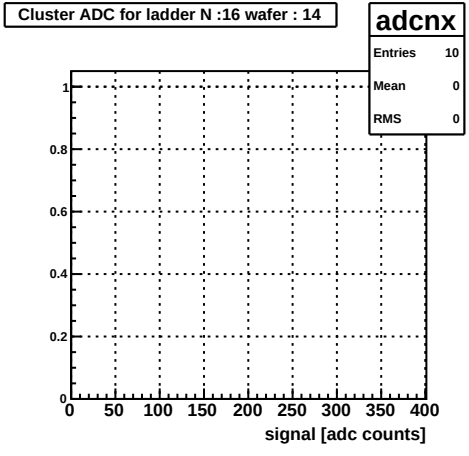

Cluster ADC for ladder N :16 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

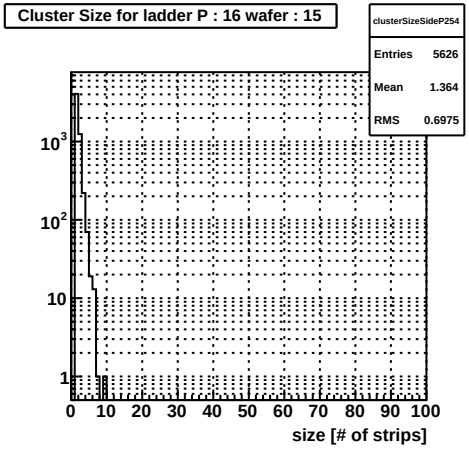

Cluster Size for ladder P : 16 wafer : 14
clusterSizeSideP253
Entries 5157
Mean 1.424
RMS 0.7061
size [# of strips]

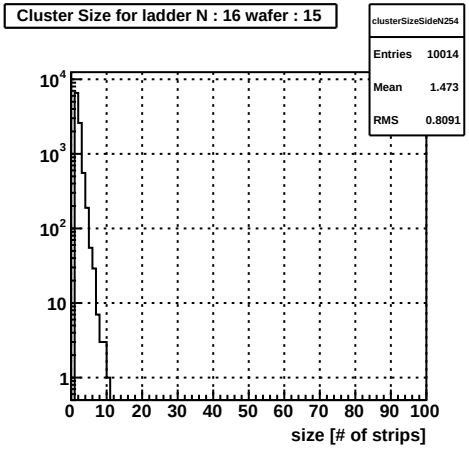

Cluster Size for ladder N : 16 wafer : 14
clusterSizeSideN253
Entries 10
Mean 1
RMS 0
size [# of strips]

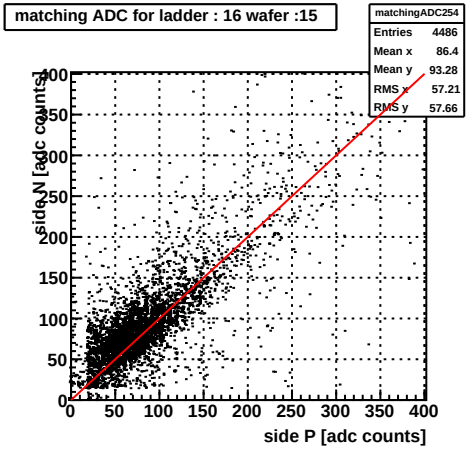

matching ADC for ladder : 16 wafer :14
matchingADC253
Entries 4
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

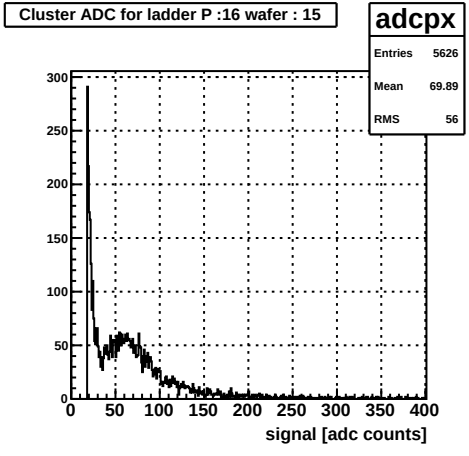

Cluster ADC for ladder P :16 wafer : 14
adcpx
Entries 5157
Mean 72.37
RMS 55.15
signal [adc counts]

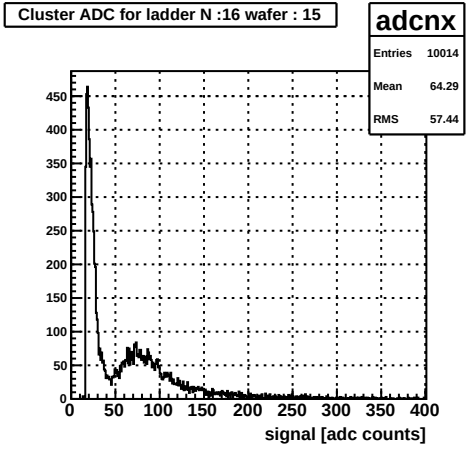

Cluster ADC for ladder N :16 wafer : 14
adcnx
Entries 10
Mean 0
RMS 0
signal [adc counts]

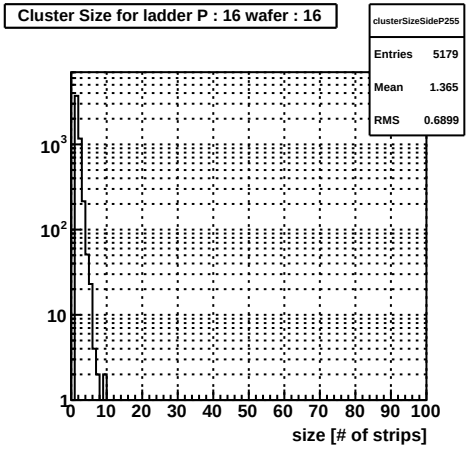

Cluster Size for ladder P : 16 wafer : 15
clusterSizeSideP254
Entries 5626
Mean 1.364
RMS 0.6975
size [# of strips]

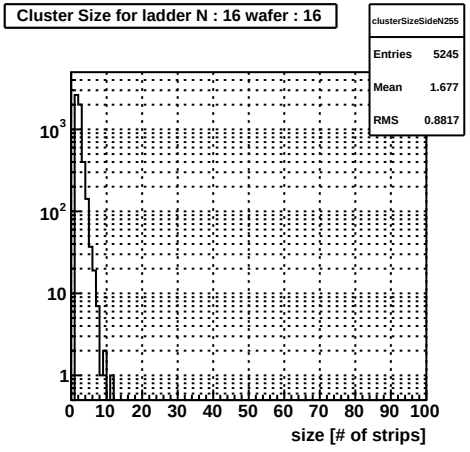

Cluster Size for ladder N : 16 wafer : 15
clusterSizeSideN254
Entries 10014
Mean 1.473
RMS 0.8091
size [# of strips]

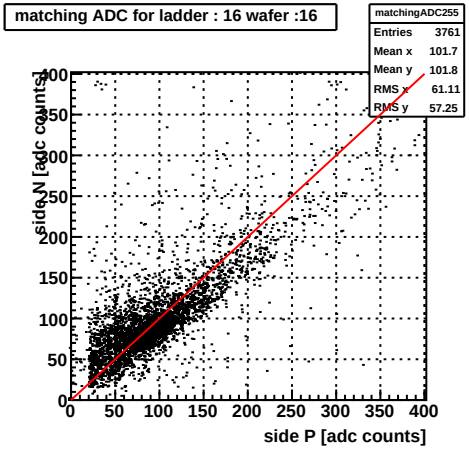

matching ADC for ladder : 16 wafer :15
matchingADC254
Entries 4486
Mean x 86.4
Mean y 93.28
RMS x 57.21
RMS y 57.66
side N [adc counts]
side P [adc counts]

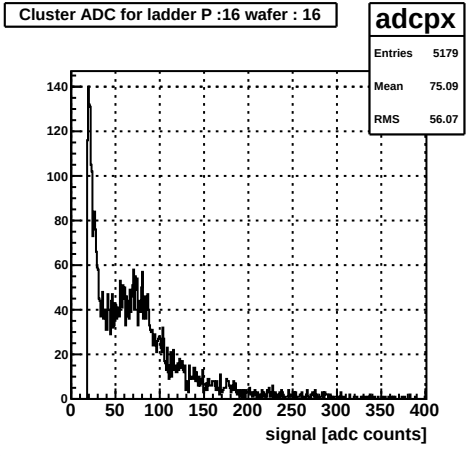

Cluster ADC for ladder P :16 wafer : 15
adcpx
Entries 5626
Mean 69.89
RMS 56
signal [adc counts]

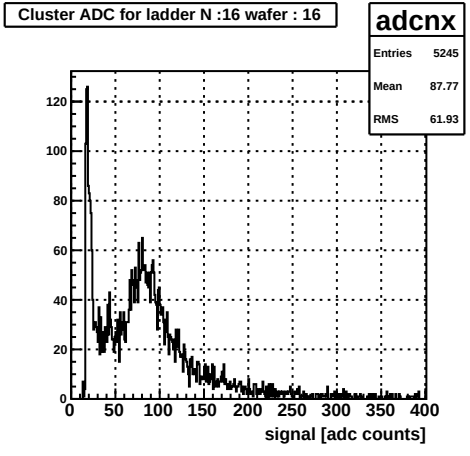

Cluster ADC for ladder N :16 wafer : 15
adcnx
Entries 10014
Mean 64.29
RMS 57.44
signal [adc counts]

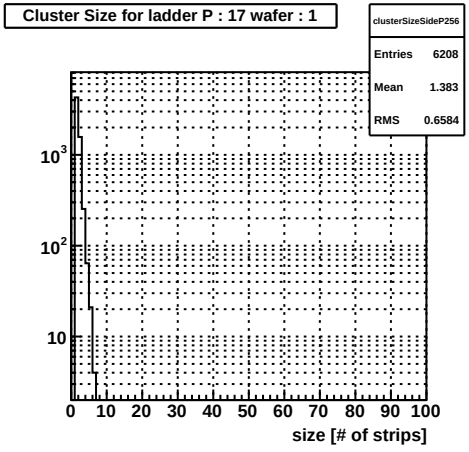

Cluster Size for ladder P : 16 wafer : 16
clusterSizeSideP255
Entries 5179
Mean 1.365
RMS 0.6899
size [# of strips]

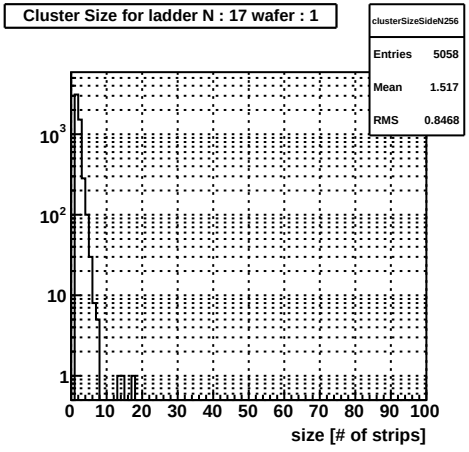

Cluster Size for ladder N : 16 wafer : 16
clusterSizeSideN255
Entries 5245
Mean 1.677
RMS 0.8817
size [# of strips]

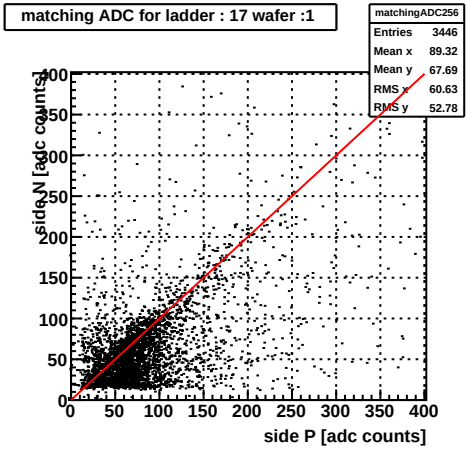

matching ADC for ladder : 16 wafer :16
matchingADC255
Entries 3761
Mean x 101.7
Mean y 101.8
RMS x 61.11
RMS y 57.25
side N [adc counts]
side P [adc counts]

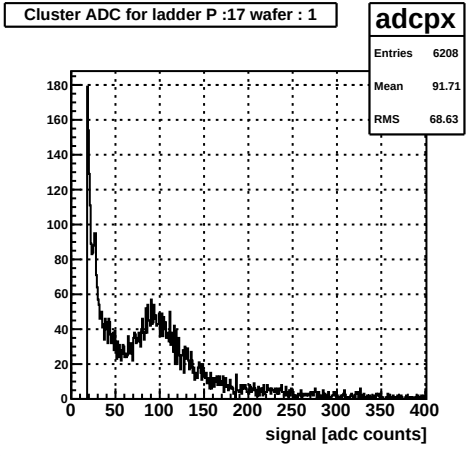

Cluster ADC for ladder P :16 wafer : 16
adcpx
Entries 5179
Mean 75.09
RMS 56.07
signal [adc counts]

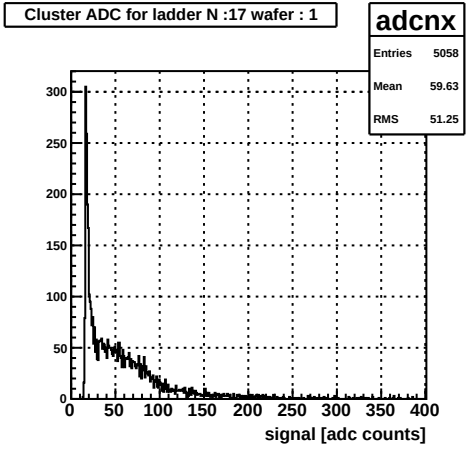

Cluster ADC for ladder N :16 wafer : 16
adcnx
Entries 5245
Mean 87.77
RMS 61.93
signal [adc counts]

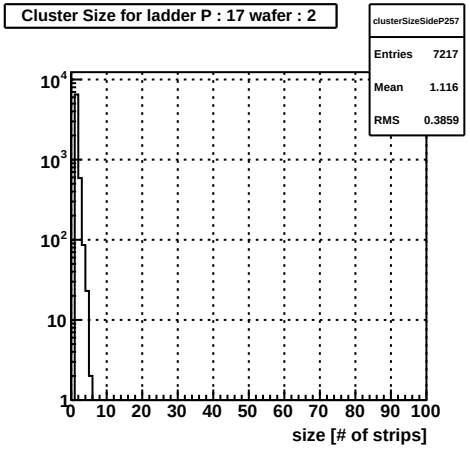

Cluster Size for ladder P : 17 wafer : 1
clusterSizeSideP256
Entries 6208
Mean 1.383
RMS 0.6584
size [# of strips]

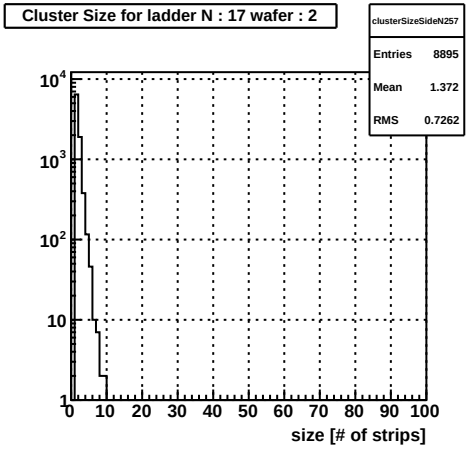

Cluster Size for ladder N : 17 wafer : 1
clusterSizeSideN256
Entries 5058
Mean 1.517
RMS 0.8468
size [# of strips]

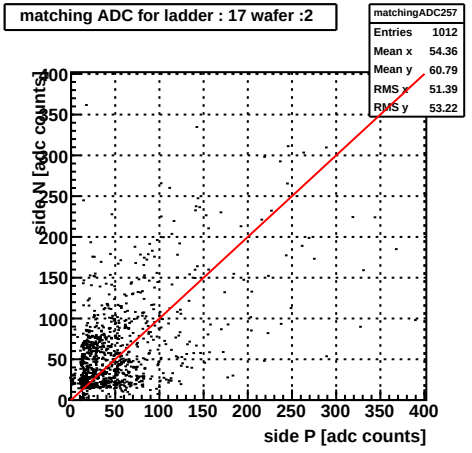

matching ADC for ladder : 17 wafer :1
matchingADC256
Entries 3446
Mean x 89.32
Mean y 67.69
RMS x 60.63
RMS y 52.78
side N [adc counts]
side P [adc counts]

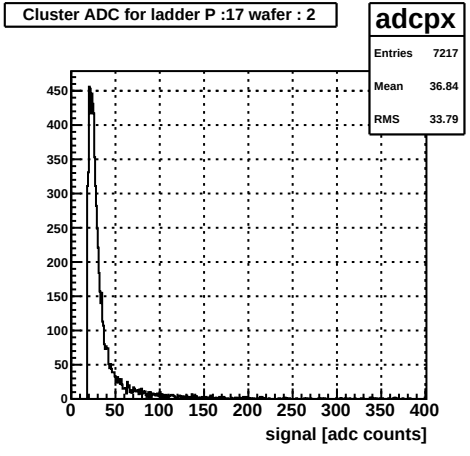

Cluster ADC for ladder P :17 wafer : 1
adcpx
Entries 6208
Mean 91.71
RMS 68.63
signal [adc counts]

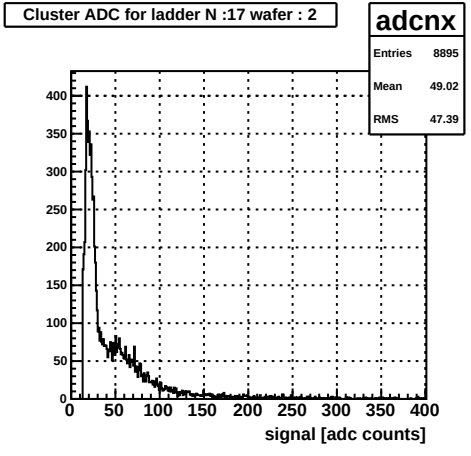

Cluster ADC for ladder N :17 wafer : 1
adcnx
Entries 5058
Mean 59.63
RMS 51.25
signal [adc counts]

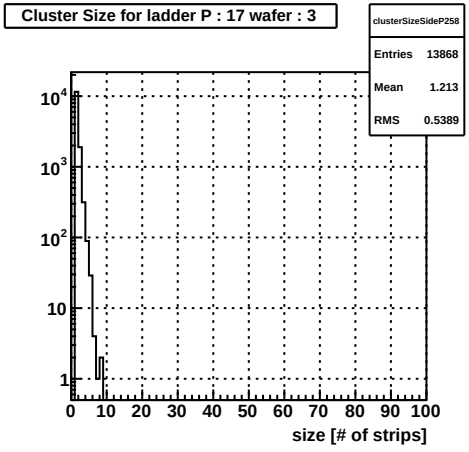

Cluster Size for ladder P : 17 wafer : 2
clusterSizeSideP257
Entries 7217
Mean 1.116
RMS 0.3859
size [# of strips]

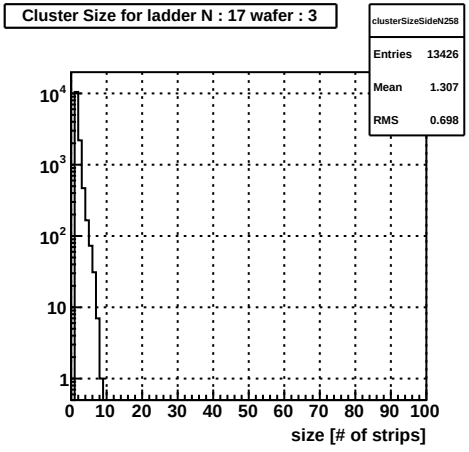

Cluster Size for ladder N : 17 wafer : 2
clusterSizeSideN257
Entries 8895
Mean 1.372
RMS 0.7262
size [# of strips]

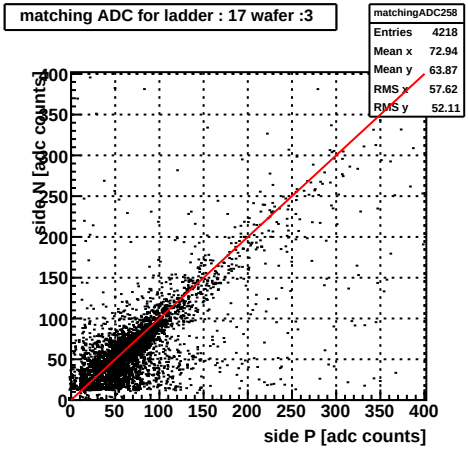

matching ADC for ladder : 17 wafer :2
matchingADC257
Entries 1012
Mean x 54.36
Mean y 60.79
RMS x 51.39
RMS y 53.22
side N [adc counts]
side P [adc counts]

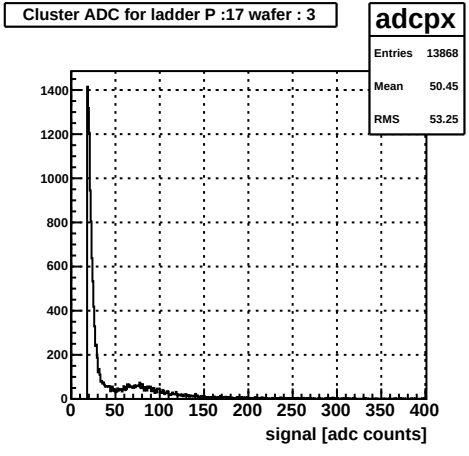

Cluster ADC for ladder P :17 wafer : 2
adcpx
Entries 7217
Mean 36.84
RMS 33.79
signal [adc counts]

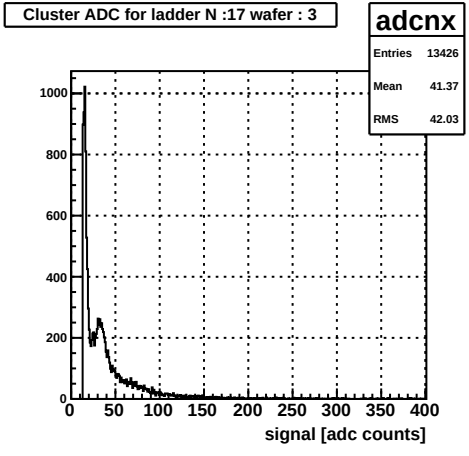

Cluster ADC for ladder N :17 wafer : 2
adcnx
Entries 8895
Mean 49.02
RMS 47.39
signal [adc counts]

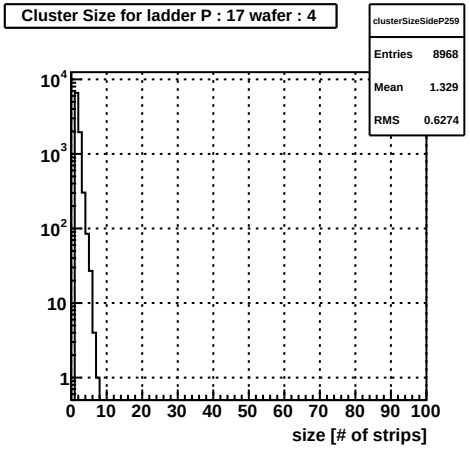

Cluster Size for ladder P : 17 wafer : 3
clusterSizeSideP258
Entries 13868
Mean 1.213
RMS 0.5389
size [# of strips]

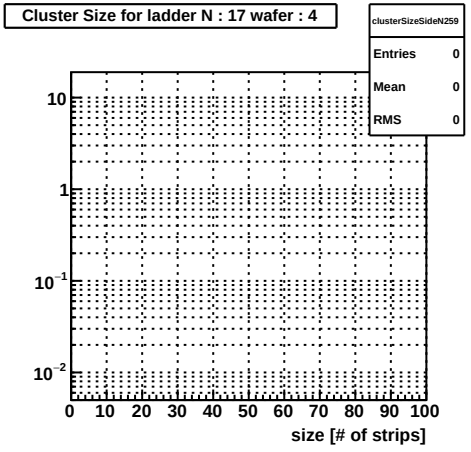

Cluster Size for ladder N : 17 wafer : 3
clusterSizeSideN258
Entries 13426
Mean 1.307
RMS 0.698
size [# of strips]

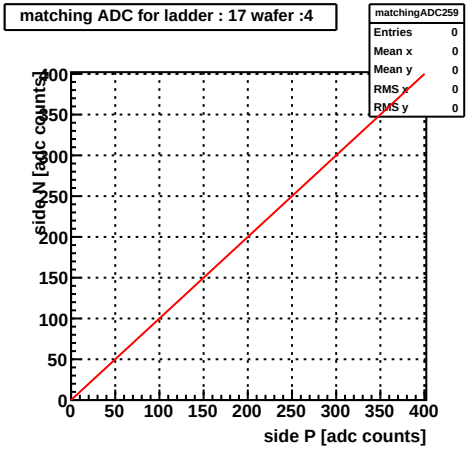

matching ADC for ladder : 17 wafer :3
matchingADC258
Entries 4218
Mean x 72.94
Mean y 63.87
RMS x 57.62
RMS y 52.11
side N [adc counts]
side P [adc counts]

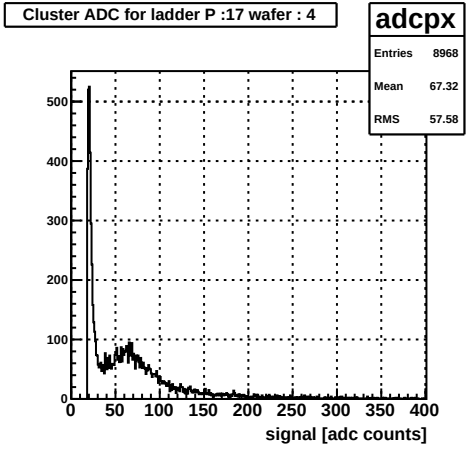

Cluster ADC for ladder P :17 wafer : 3
adcpx
Entries 13868
Mean 50.45
RMS 53.25
signal [adc counts]

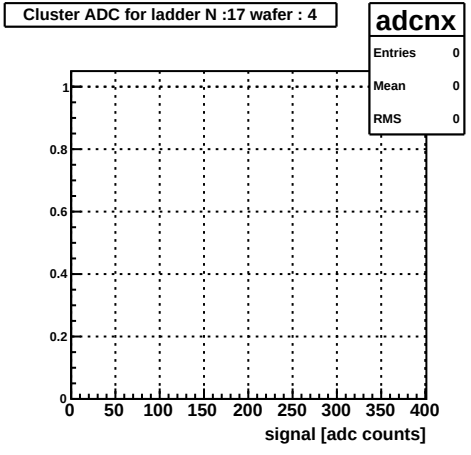

Cluster ADC for ladder N :17 wafer : 3
adcnx
Entries 13426
Mean 41.37
RMS 42.03
signal [adc counts]

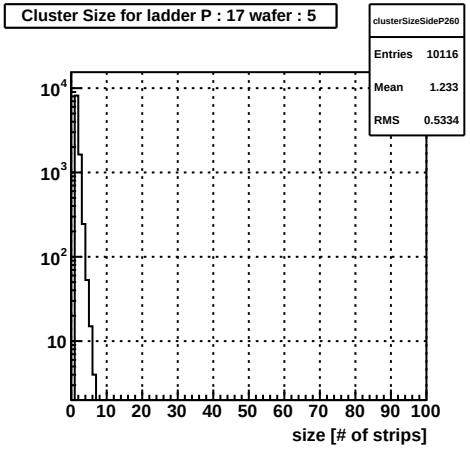

Cluster Size for ladder P : 17 wafer : 4
clusterSizeSideP259
Entries 8968
Mean 1.329
RMS 0.6274
size [# of strips]

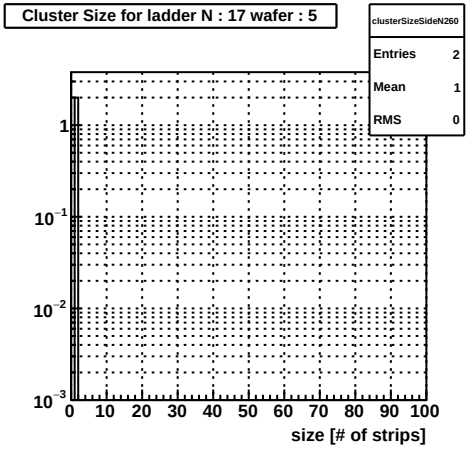

Cluster Size for ladder N : 17 wafer : 4
clusterSizeSideN259
Entries 0
Mean 0
RMS 0
size [# of strips]

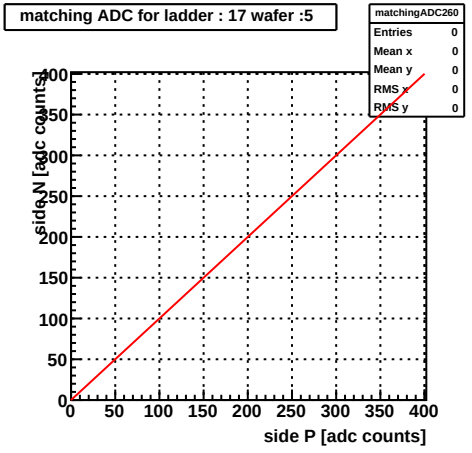

matching ADC for ladder : 17 wafer :4
matchingADC259
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

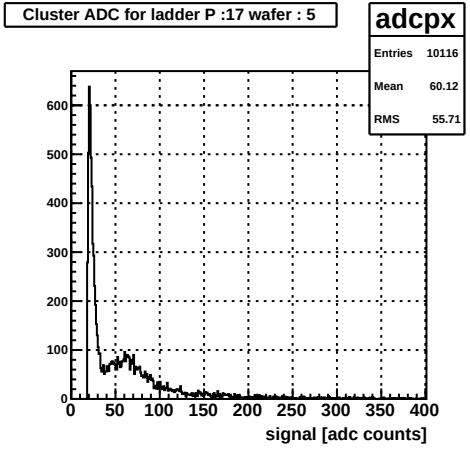

Cluster ADC for ladder P :17 wafer : 4
adcpx
Entries 8968
Mean 67.32
RMS 57.58
signal [adc counts]

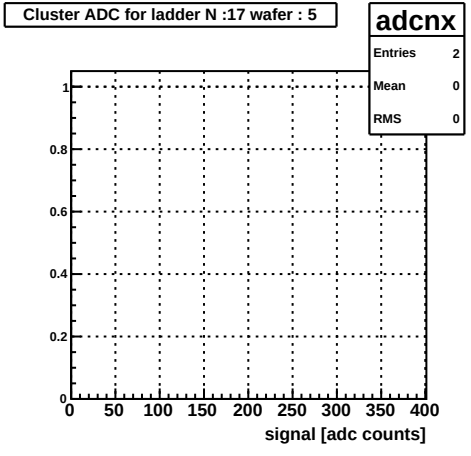

Cluster ADC for ladder N :17 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

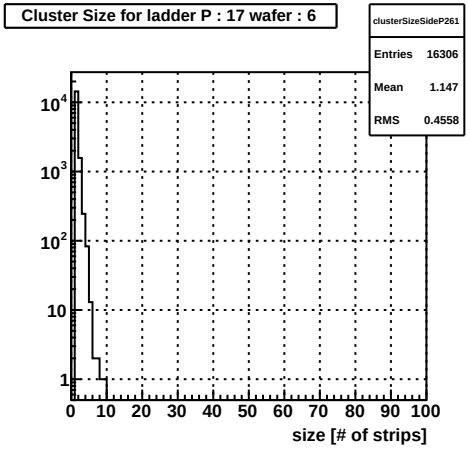

Cluster Size for ladder P : 17 wafer : 5
clusterSizeSideP260
Entries 10116
Mean 1.233
RMS 0.5334
size [# of strips]

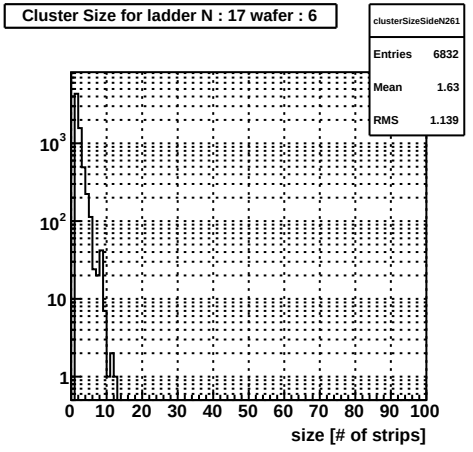

Cluster Size for ladder N : 17 wafer : 5
clusterSizeSideN260
Entries 2
Mean 1
RMS 0
size [# of strips]

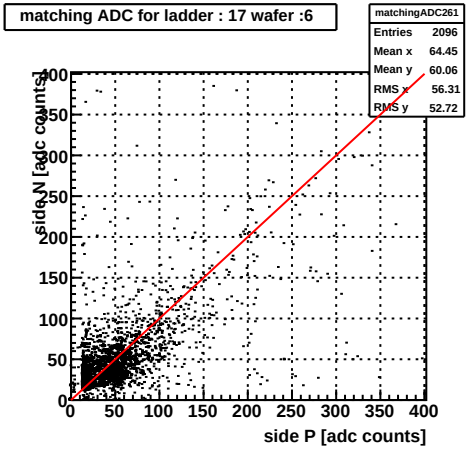

matching ADC for ladder : 17 wafer :5
matchingADC260
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

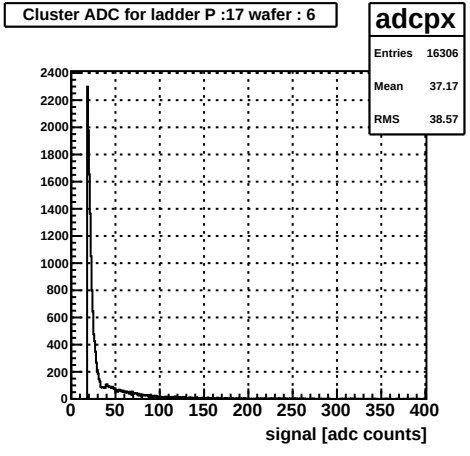

Cluster ADC for ladder P :17 wafer : 5
adcpx
Entries 10116
Mean 60.12
RMS 55.71
signal [adc counts]

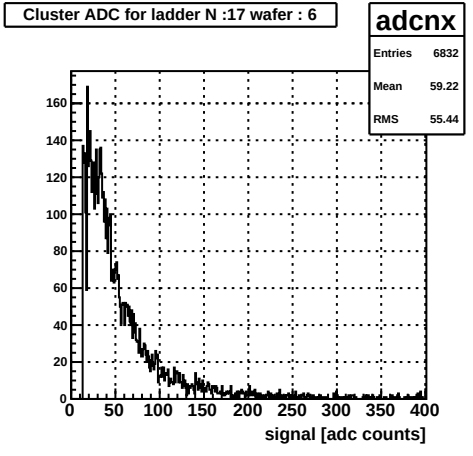

Cluster ADC for ladder N :17 wafer : 5
adcnx
Entries 2
Mean 0
RMS 0
signal [adc counts]

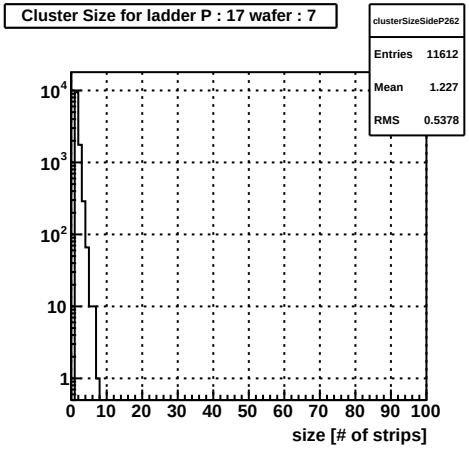

Cluster Size for ladder P : 17 wafer : 6
clusterSizeSideP261
Entries 16306
Mean 1.147
RMS 0.4558
size [# of strips]

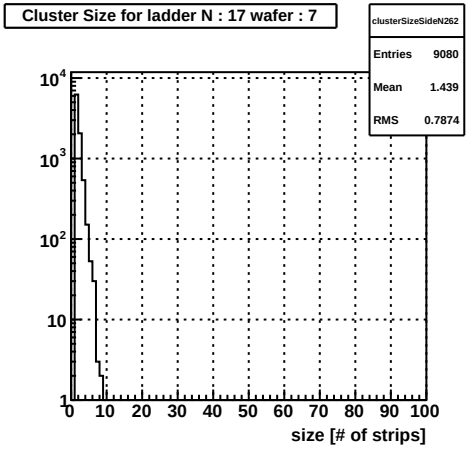

Cluster Size for ladder N : 17 wafer : 6
clusterSizeSideN261
Entries 6832
Mean 1.63
RMS 1.139
size [# of strips]

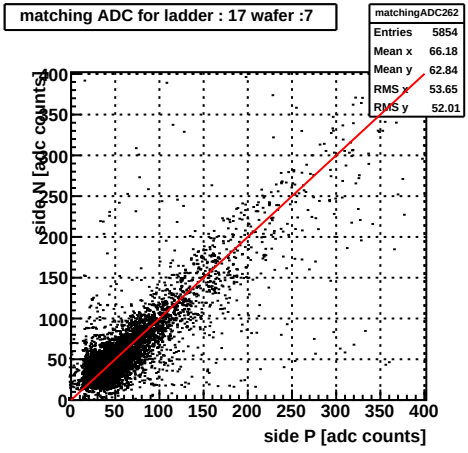

matching ADC for ladder : 17 wafer :6
matchingADC261
Entries 2096
Mean x 64.45
Mean y 60.06
RMS x 56.31
RMS y 52.72
side N [adc counts]
side P [adc counts]

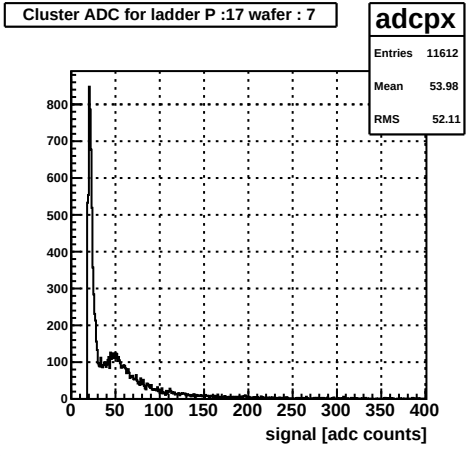

Cluster ADC for ladder P :17 wafer : 6
adcpx
Entries 16306
Mean 37.17
RMS 38.57
signal [adc counts]

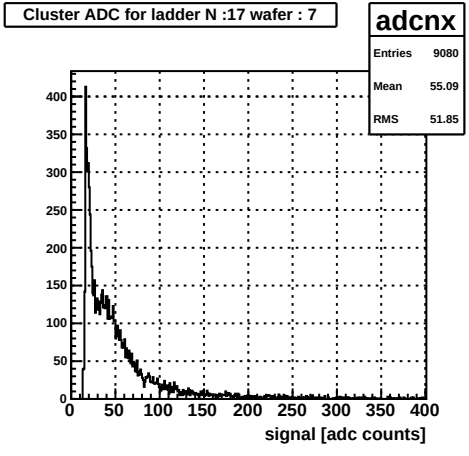

Cluster ADC for ladder N :17 wafer : 6
adcnx
Entries 6832
Mean 59.22
RMS 55.44
signal [adc counts]

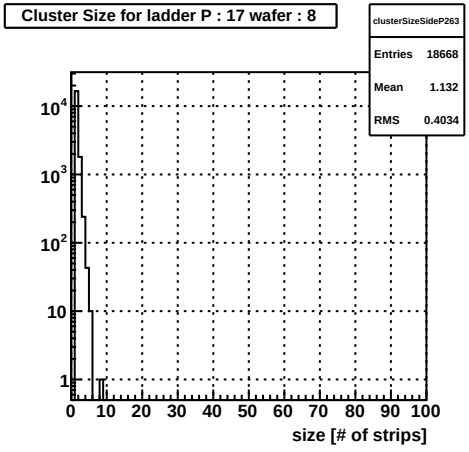

Cluster Size for ladder P : 17 wafer : 7
clusterSizeSideP262
Entries 11612
Mean 1.227
RMS 0.5378
size [# of strips]

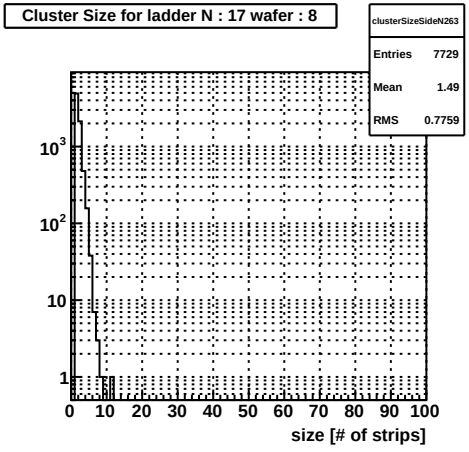

Cluster Size for ladder N : 17 wafer : 7
clusterSizeSideN262
Entries 9080
Mean 1.439
RMS 0.7874
size [# of strips]

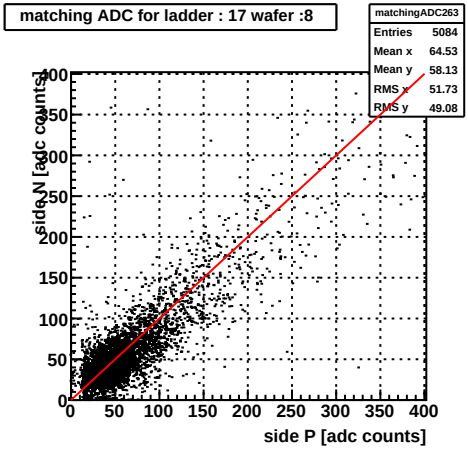

matching ADC for ladder : 17 wafer :7
matchingADC262
Entries 5854
Mean x 66.18
Mean y 62.84
RMS x 53.65
RMS y 52.01
side N [adc counts]
side P [adc counts]

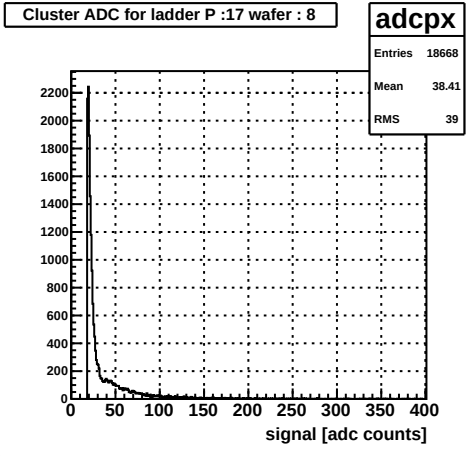

Cluster ADC for ladder P :17 wafer : 7
adcpx
Entries 11612
Mean 53.98
RMS 52.11
signal [adc counts]

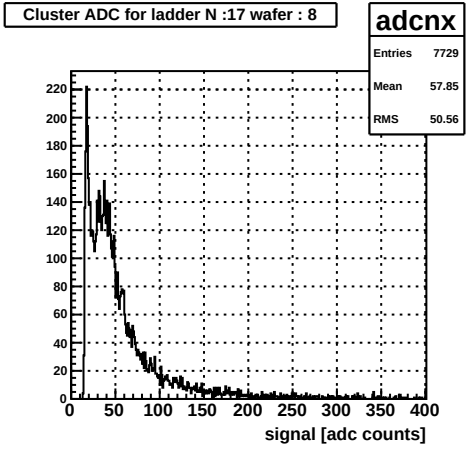

Cluster ADC for ladder N :17 wafer : 7
adcnx
Entries 9080
Mean 55.09
RMS 51.85
signal [adc counts]

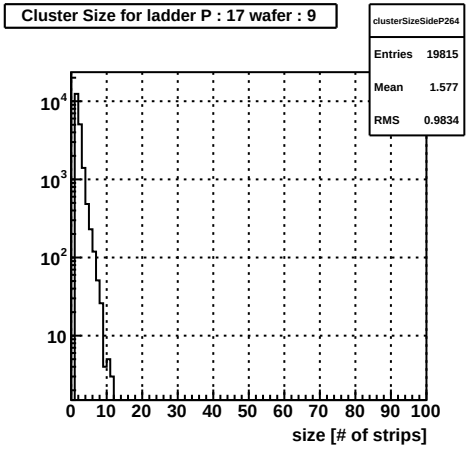

Cluster Size for ladder P : 17 wafer : 8
clusterSizeSideP263
Entries 18668
Mean 1.132
RMS 0.4034
size [# of strips]

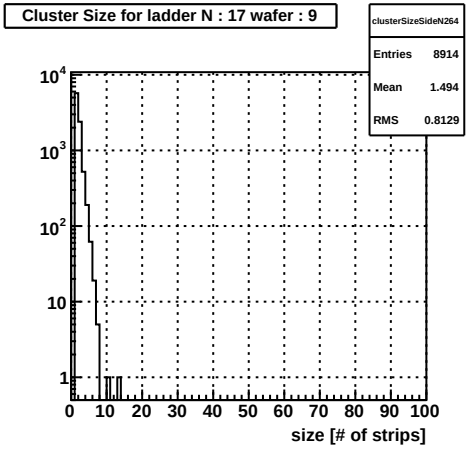

Cluster Size for ladder N : 17 wafer : 8
clusterSizeSideN263
Entries 7729
Mean 1.49
RMS 0.7759
size [# of strips]

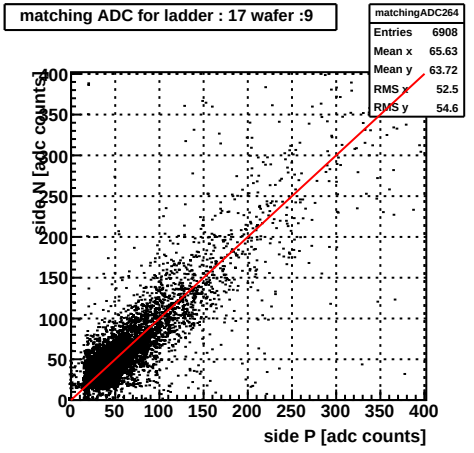

matching ADC for ladder : 17 wafer :8
matchingADC263
Entries 5084
Mean x 64.53
Mean y 58.13
RMS x 51.73
RMS y 49.08
side N [adc counts]
side P [adc counts]

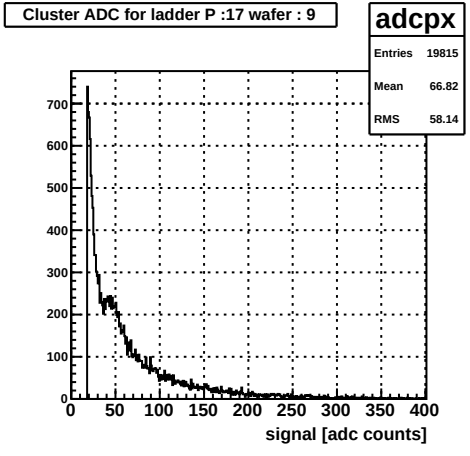

Cluster ADC for ladder P :17 wafer : 8
adcpx
Entries 18668
Mean 38.41
RMS 39
signal [adc counts]

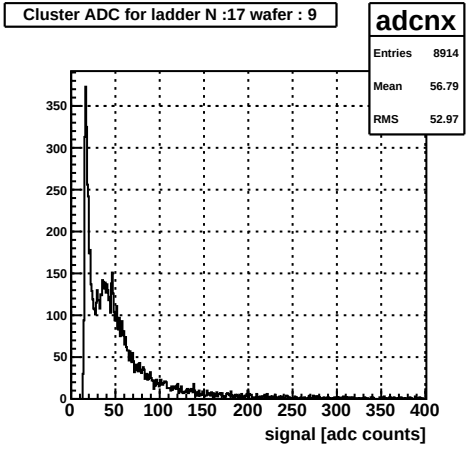

Cluster ADC for ladder N :17 wafer : 8
adcnx
Entries 7729
Mean 57.85
RMS 50.56
signal [adc counts]

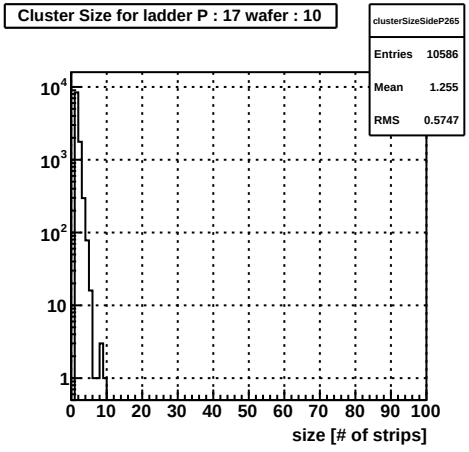

Cluster Size for ladder P : 17 wafer : 9
clusterSizeSideP264
Entries 19815
Mean 1.577
RMS 0.9834
size [# of strips]

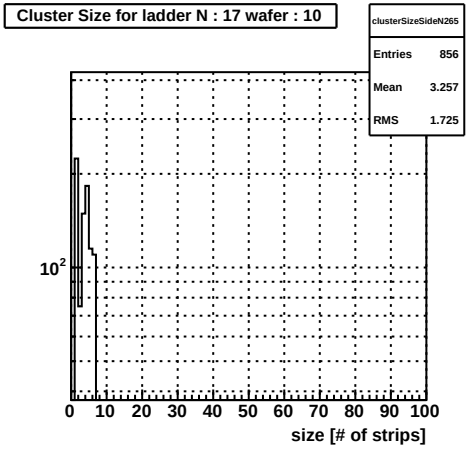

Cluster Size for ladder N : 17 wafer : 9
clusterSizeSideN264
Entries 8914
Mean 1.494
RMS 0.8129
size [# of strips]

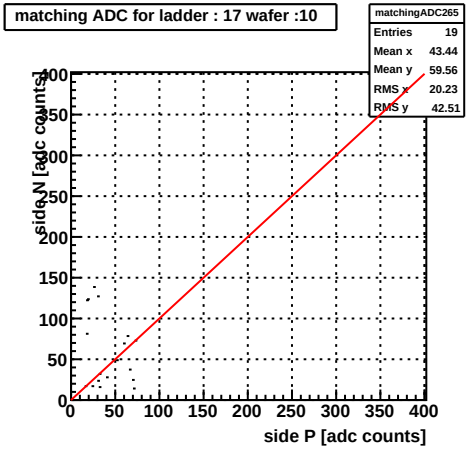

matching ADC for ladder : 17 wafer :9
matchingADC264
Entries 6908
Mean x 65.63
Mean y 63.72
RMS x 52.5
RMS y 54.6
side N [adc counts]
side P [adc counts]

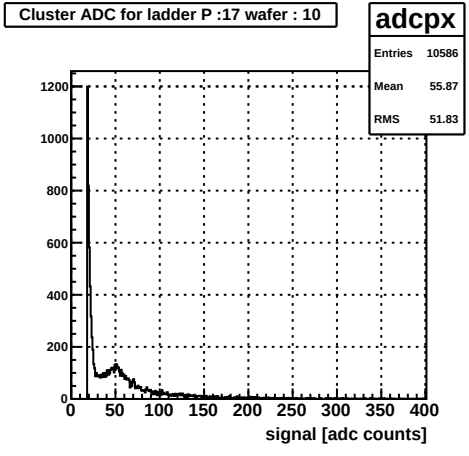

Cluster ADC for ladder P :17 wafer : 9
adcpx
Entries 19815
Mean 66.82
RMS 58.14
signal [adc counts]

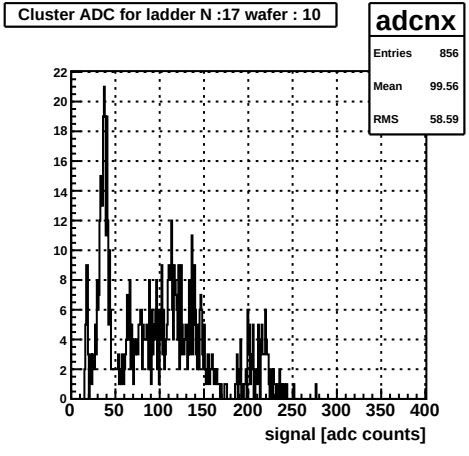

Cluster ADC for ladder N :17 wafer : 9
adcnx
Entries 8914
Mean 56.79
RMS 52.97
signal [adc counts]

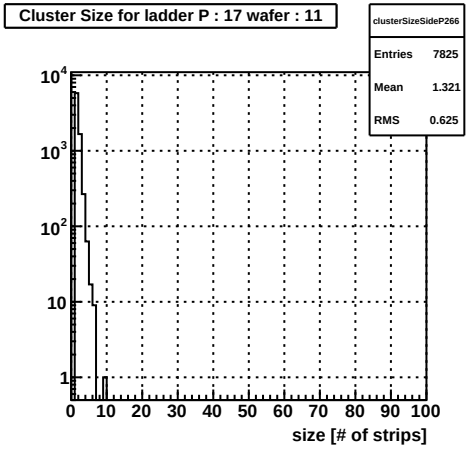

Cluster Size for ladder P : 17 wafer : 10
clusterSizeSideP265
Entries 10586
Mean 1.255
RMS 0.5747
size [# of strips]

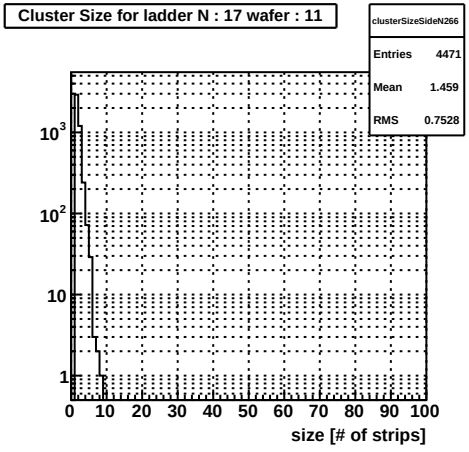

Cluster Size for ladder N : 17 wafer : 10
clusterSizeSideN265
Entries 856
Mean 3.257
RMS 1.725
size [# of strips]

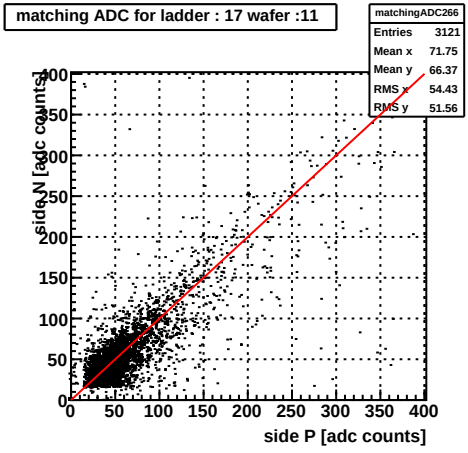

matching ADC for ladder : 17 wafer :10
matchingADC265
Entries 19
Mean x 43.44
Mean y 59.56
RMS x 20.23
RMS y 42.51
side N [adc counts]
side P [adc counts]

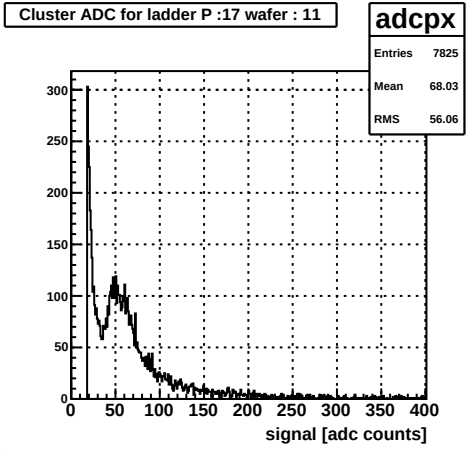

Cluster ADC for ladder P :17 wafer : 10
adcpx
Entries 10586
Mean 55.87
RMS 51.83
signal [adc counts]

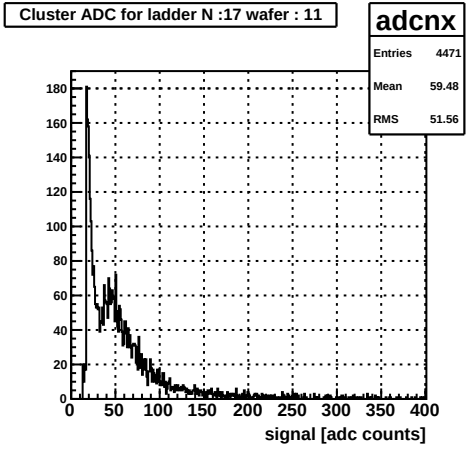

Cluster ADC for ladder N :17 wafer : 10
adcnx
Entries 856
Mean 99.56
RMS 58.59
signal [adc counts]

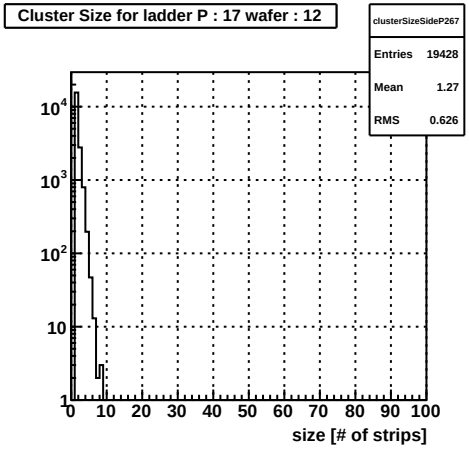

Cluster Size for ladder P : 17 wafer : 11
clusterSizeSideP266
Entries 7825
Mean 1.321
RMS 0.625
size [# of strips]

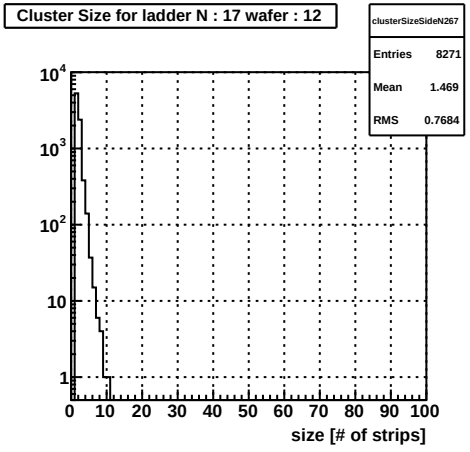

Cluster Size for ladder N : 17 wafer : 11
clusterSizeSideN266
Entries 4471
Mean 1.459
RMS 0.7528
size [# of strips]

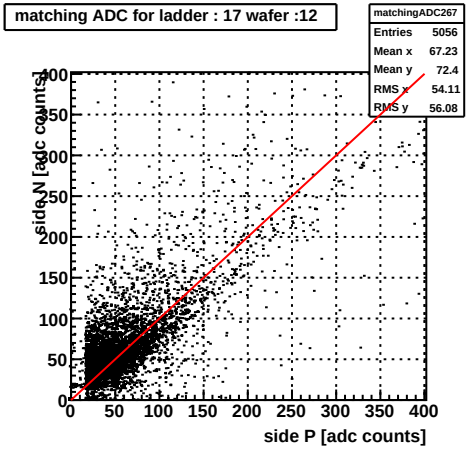

matching ADC for ladder : 17 wafer :11
matchingADC266
Entries 3121
Mean x 71.75
Mean y 66.37
RMS x 54.43
RMS y 51.56
side N [adc counts]
side P [adc counts]

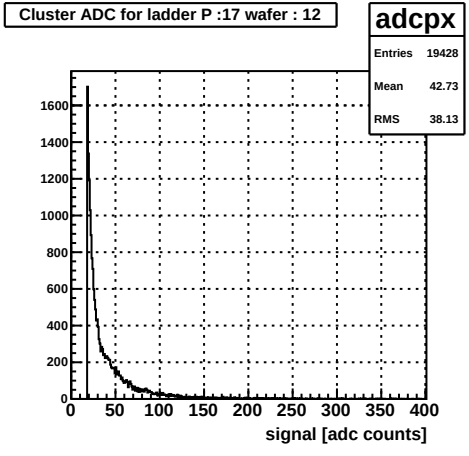

Cluster ADC for ladder P :17 wafer : 11
adcpx
Entries 7825
Mean 68.03
RMS 56.06
signal [adc counts]

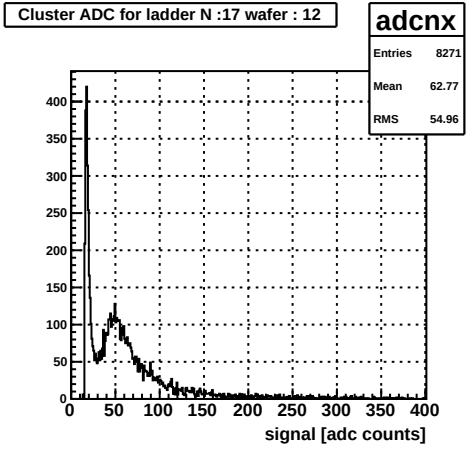

Cluster ADC for ladder N :17 wafer : 11
adcnx
Entries 4471
Mean 59.48
RMS 51.56
signal [adc counts]

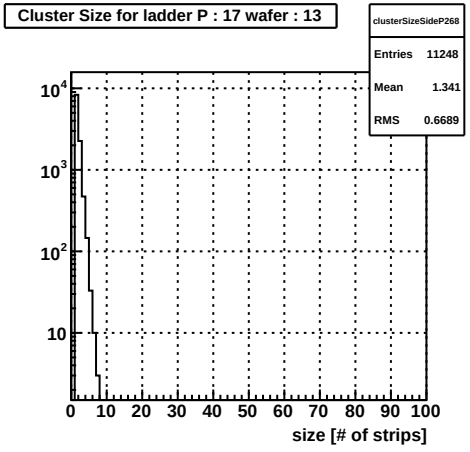

Cluster Size for ladder P : 17 wafer : 12
clusterSizeSideP267
Entries 19428
Mean 1.27
RMS 0.626
size [# of strips]

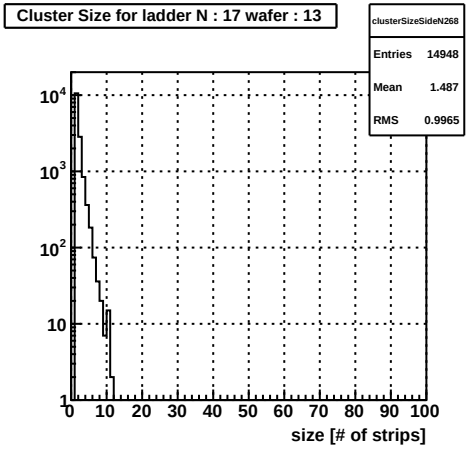

Cluster Size for ladder N : 17 wafer : 12
clusterSizeSideN267
Entries 8271
Mean 1.469
RMS 0.7684
size [# of strips]

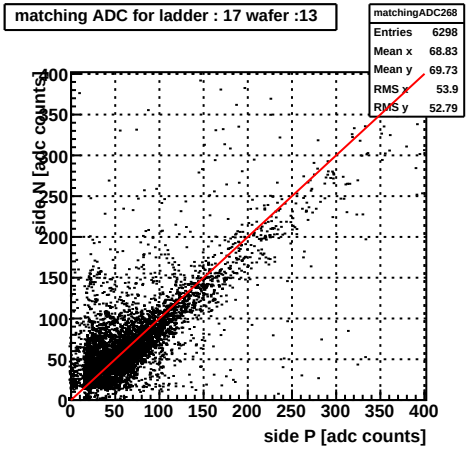

matching ADC for ladder : 17 wafer :12
matchingADC267
Entries 5056
Mean x 67.23
Mean y 72.4
RMS x 54.11
RMS y 56.08
side N [adc counts]
side P [adc counts]

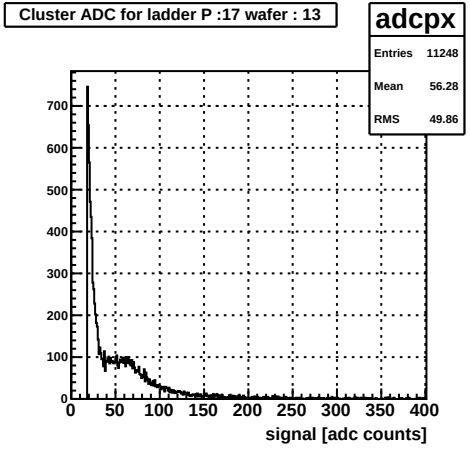

Cluster ADC for ladder P :17 wafer : 12
adcpx
Entries 19428
Mean 42.73
RMS 38.13
signal [adc counts]

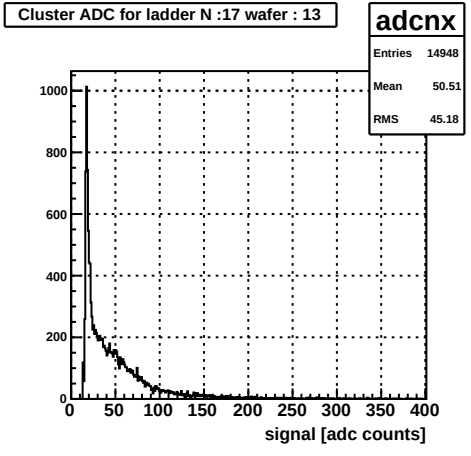

Cluster ADC for ladder N :17 wafer : 12
adcnx
Entries 8271
Mean 62.77
RMS 54.96
signal [adc counts]

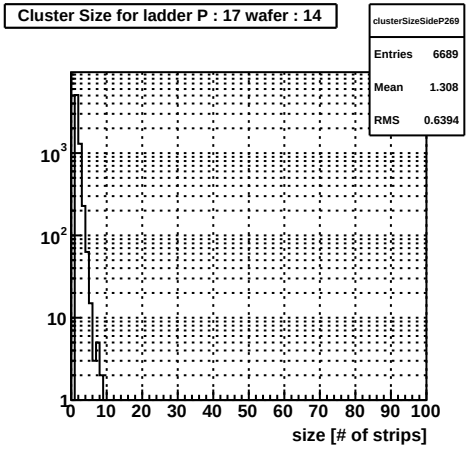

Cluster Size for ladder P : 17 wafer : 13
clusterSizeSideP268
Entries 11248
Mean 1.341
RMS 0.6689
size [# of strips]

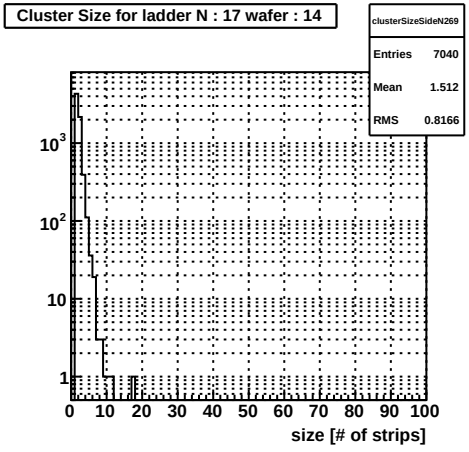

Cluster Size for ladder N : 17 wafer : 13
clusterSizeSideN268
Entries 14948
Mean 1.487
RMS 0.9965
size [# of strips]

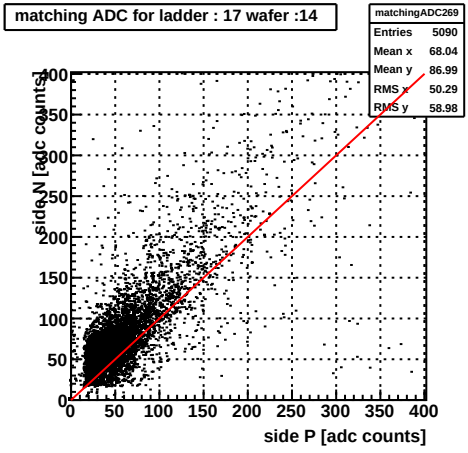

matching ADC for ladder : 17 wafer :13
matchingADC268
Entries 6298
Mean x 68.83
Mean y 69.73
RMS x 53.9
RMS y 52.79
side N [adc counts]
side P [adc counts]

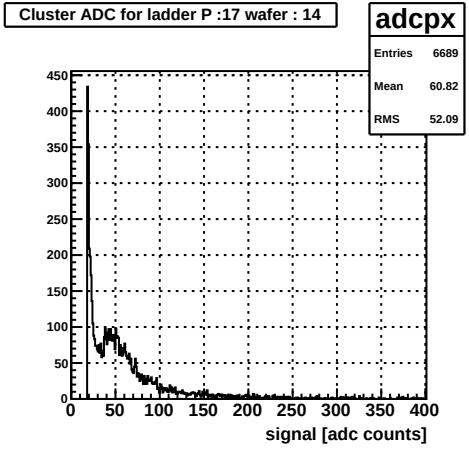

Cluster ADC for ladder P :17 wafer : 13
adcpx
Entries 11248
Mean 56.28
RMS 49.86
signal [adc counts]

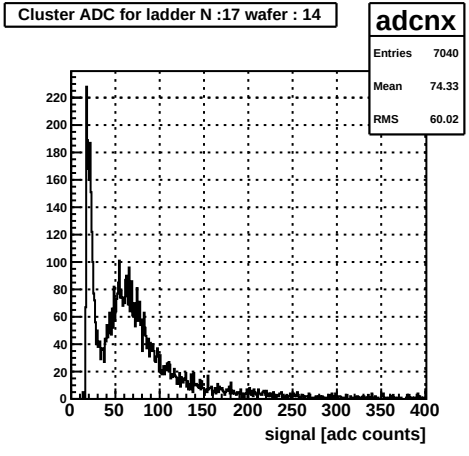

Cluster ADC for ladder N :17 wafer : 13
adcnx
Entries 14948
Mean 50.51
RMS 45.18
signal [adc counts]

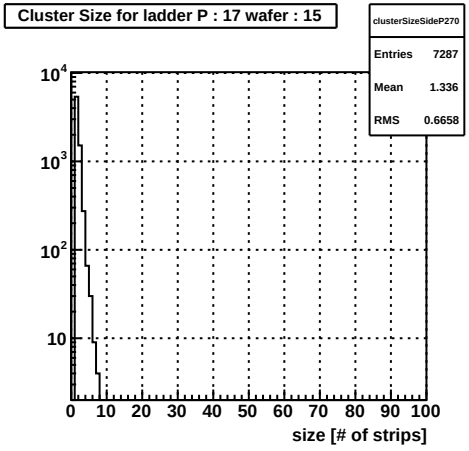

Cluster Size for ladder P : 17 wafer : 14
clusterSizeSideP269
Entries 6689
Mean 1.308
RMS 0.6394
size [# of strips]

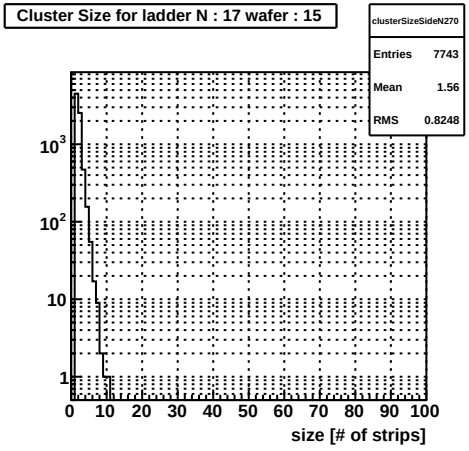

Cluster Size for ladder N : 17 wafer : 14
clusterSizeSideN269
Entries 7040
Mean 1.512
RMS 0.8166
size [# of strips]

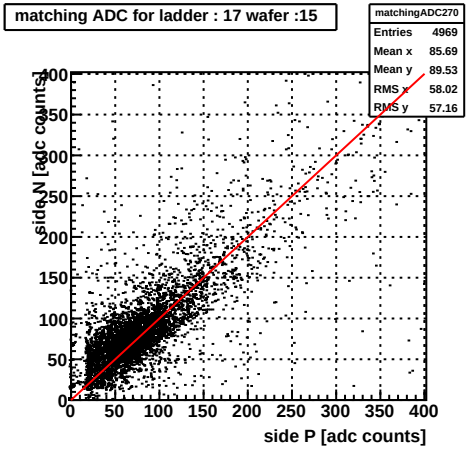

matching ADC for ladder : 17 wafer :14
matchingADC269
Entries 5090
Mean x 68.04
Mean y 86.99
RMS x 50.29
RMS y 58.98
side N [adc counts]
side P [adc counts]

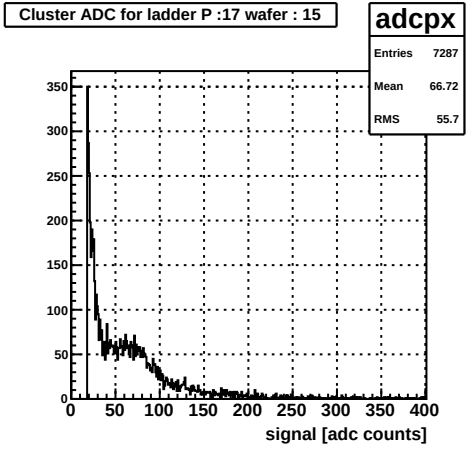

Cluster ADC for ladder P :17 wafer : 14
adcpx
Entries 6689
Mean 60.82
RMS 52.09
signal [adc counts]

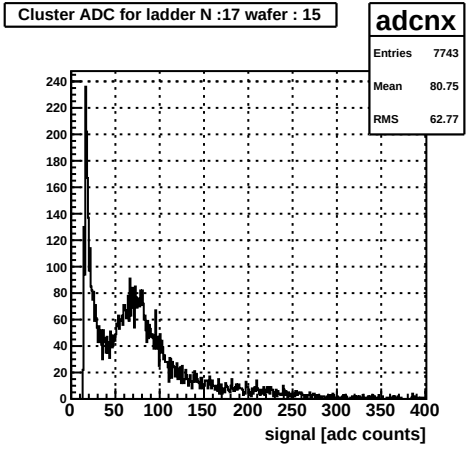

Cluster ADC for ladder N :17 wafer : 14
adcnx
Entries 7040
Mean 74.33
RMS 60.02
signal [adc counts]

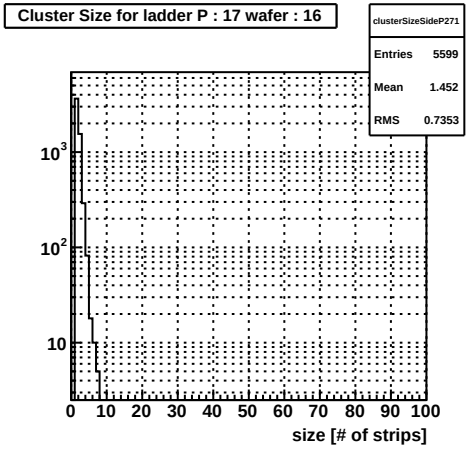

Cluster Size for ladder P : 17 wafer : 15
clusterSizeSideP270
Entries 7287
Mean 1.336
RMS 0.6658
size [# of strips]

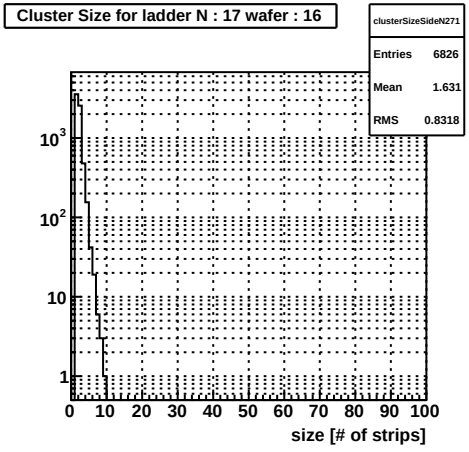

Cluster Size for ladder N : 17 wafer : 15
clusterSizeSideN270
Entries 7743
Mean 1.56
RMS 0.8248
size [# of strips]

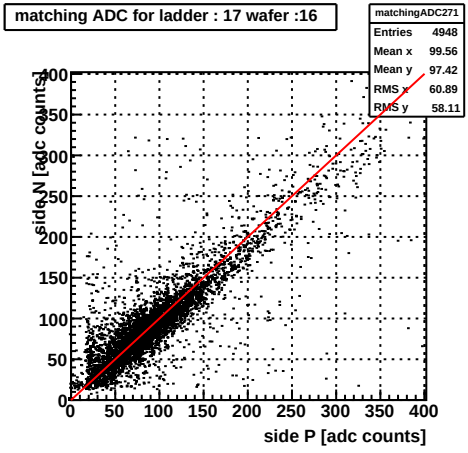

matching ADC for ladder : 17 wafer :15
matchingADC270
Entries 4969
Mean x 85.69
Mean y 89.53
RMS x 58.02
RMS y 57.16
side N [adc counts]
side P [adc counts]

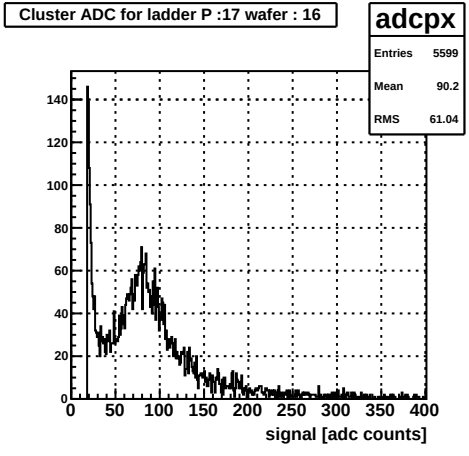

Cluster ADC for ladder P :17 wafer : 15
adcpx
Entries 7287
Mean 66.72
RMS 55.7
signal [adc counts]

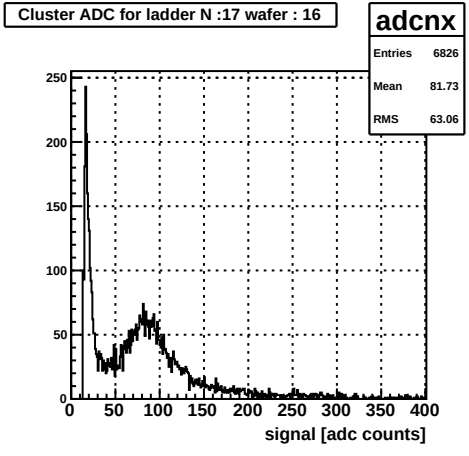

Cluster ADC for ladder N :17 wafer : 15
adcnx
Entries 7743
Mean 80.75
RMS 62.77
signal [adc counts]

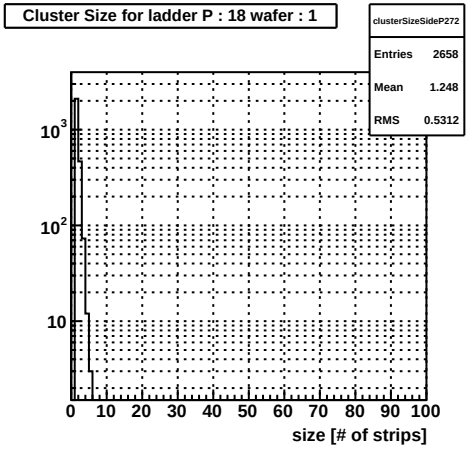

Cluster Size for ladder P : 17 wafer : 16
clusterSizeSideP271
Entries 5599
Mean 1.452
RMS 0.7353
size [# of strips]

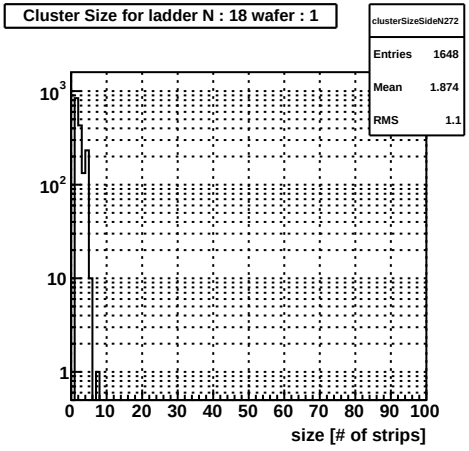

Cluster Size for ladder N : 17 wafer : 16
clusterSizeSideN271
Entries 6826
Mean 1.631
RMS 0.8318
size [# of strips]

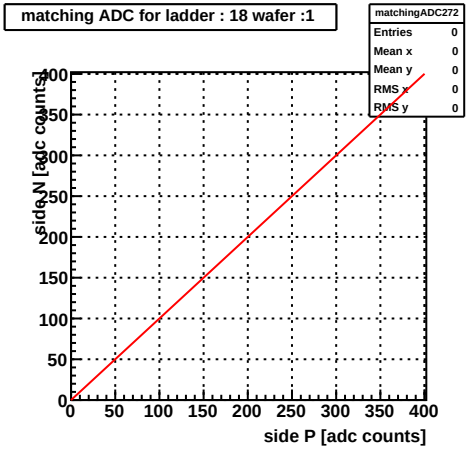

matching ADC for ladder : 17 wafer :16
matchingADC271
Entries 4948
Mean x 99.56
Mean y 97.42
RMS x 60.89
RMS y 58.11
side N [adc counts]
side P [adc counts]

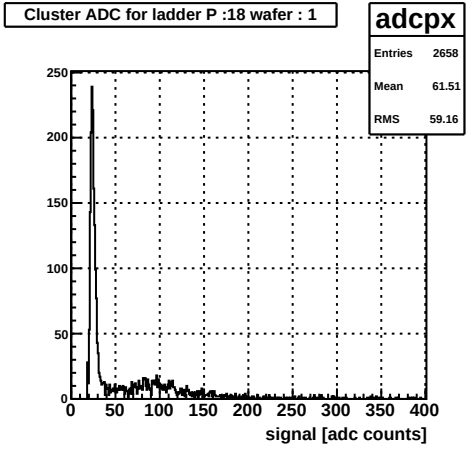

Cluster ADC for ladder P :17 wafer : 16
adcpx
Entries 5599
Mean 90.2
RMS 61.04
signal [adc counts]

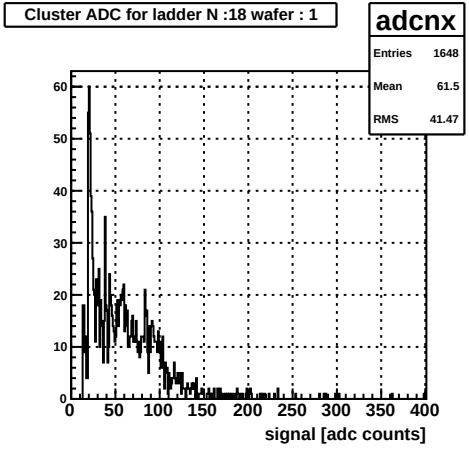

Cluster ADC for ladder N :17 wafer : 16
adcnx
Entries 6826
Mean 81.73
RMS 63.06
signal [adc counts]

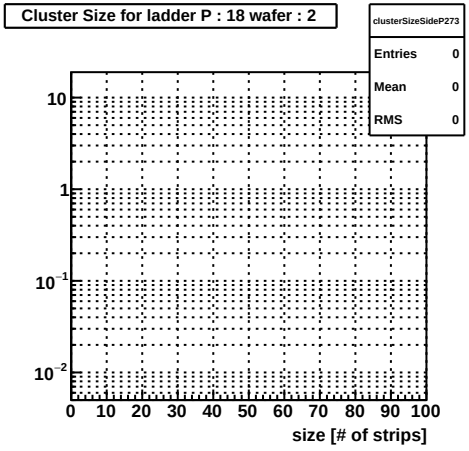

Cluster Size for ladder P : 18 wafer : 1
clusterSizeSideP272
Entries 2658
Mean 1.248
RMS 0.5312
size [# of strips]

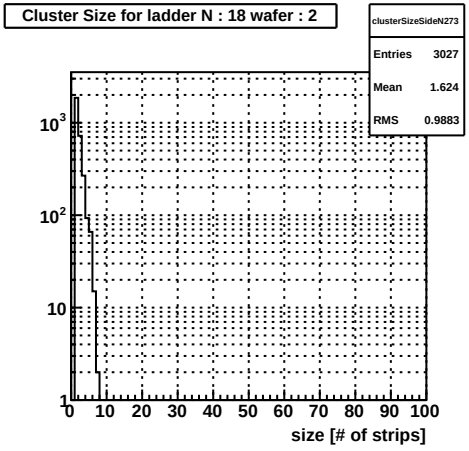

Cluster Size for ladder N : 18 wafer : 1
clusterSizeSideN272
Entries 1648
Mean 1.874
RMS 1.1
size [# of strips]

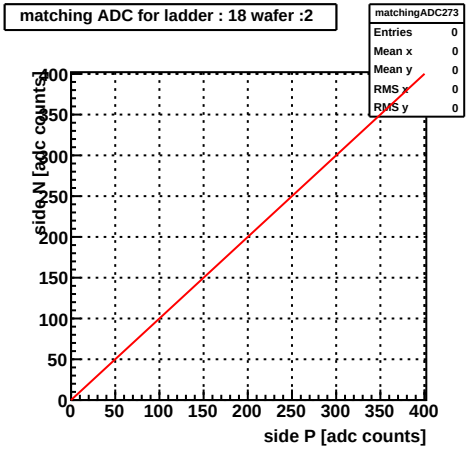

matching ADC for ladder : 18 wafer :1
matchingADC272
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

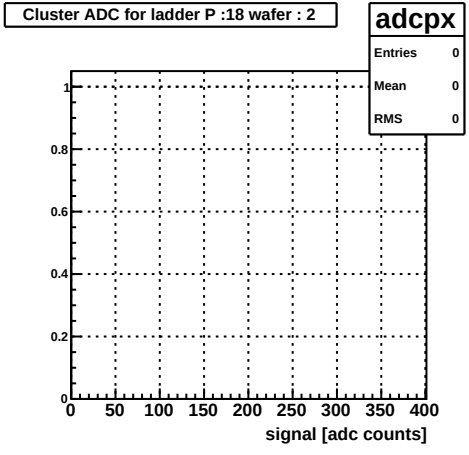

Cluster ADC for ladder P :18 wafer : 1
adcpx
Entries 2658
Mean 61.51
RMS 59.16
signal [adc counts]

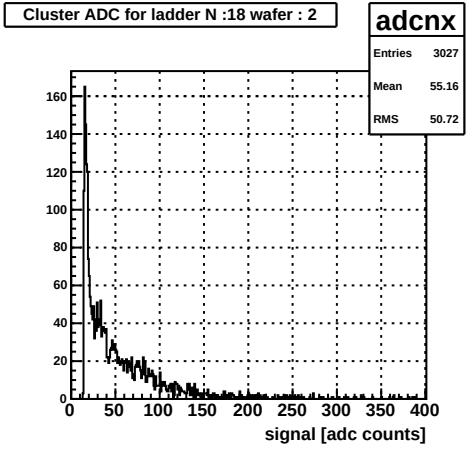

Cluster ADC for ladder N :18 wafer : 1
adcnx
Entries 1648
Mean 61.5
RMS 41.47
signal [adc counts]

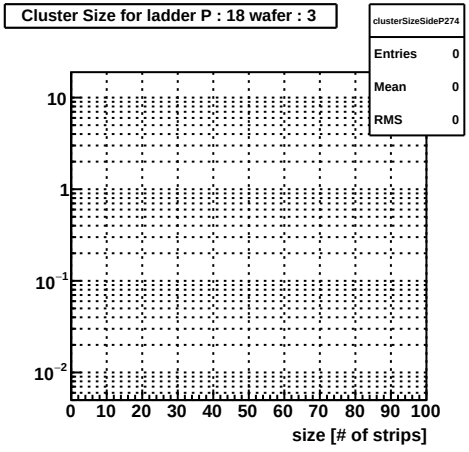

Cluster Size for ladder P : 18 wafer : 2
clusterSizeSideP273
Entries 0
Mean 0
RMS 0
size [# of strips]

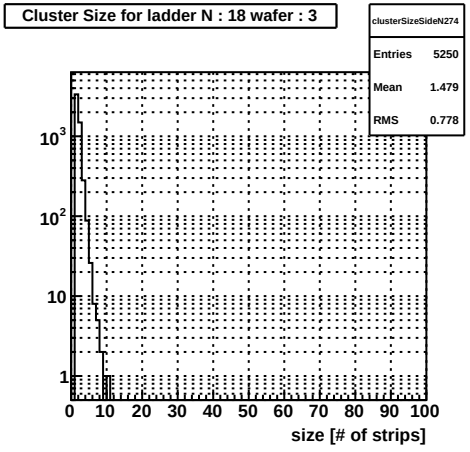

Cluster Size for ladder N : 18 wafer : 2
clusterSizeSideN273
Entries 3027
Mean 1.624
RMS 0.9883
size [# of strips]

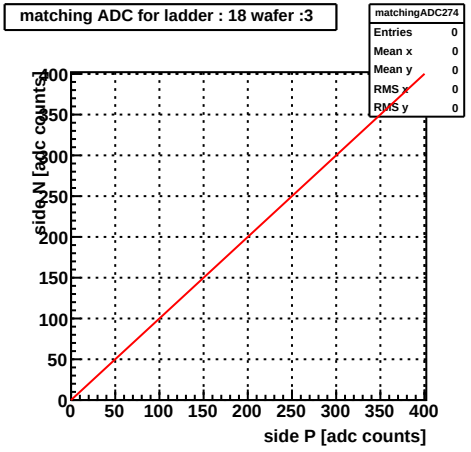

matching ADC for ladder : 18 wafer :2
matchingADC273
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

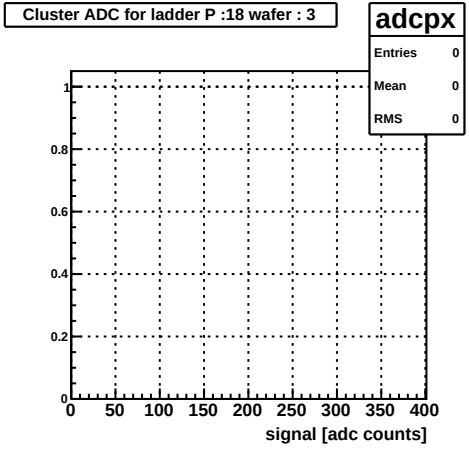

Cluster ADC for ladder P :18 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

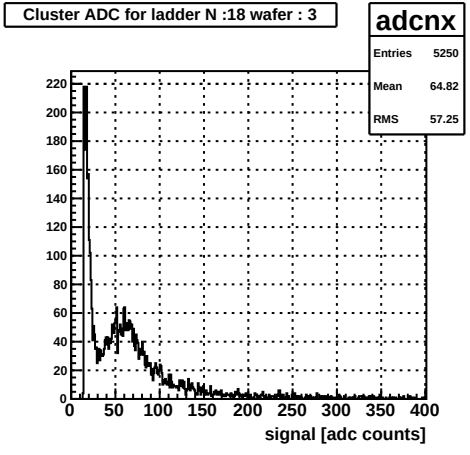

Cluster ADC for ladder N :18 wafer : 2
adcnx
Entries 3027
Mean 55.16
RMS 50.72
signal [adc counts]

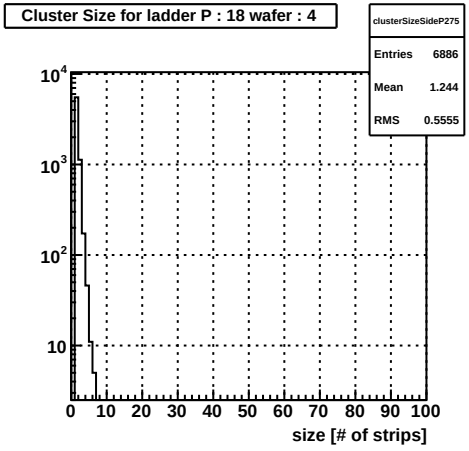

Cluster Size for ladder P : 18 wafer : 3
clusterSizeSideP274
Entries 0
Mean 0
RMS 0
size [# of strips]

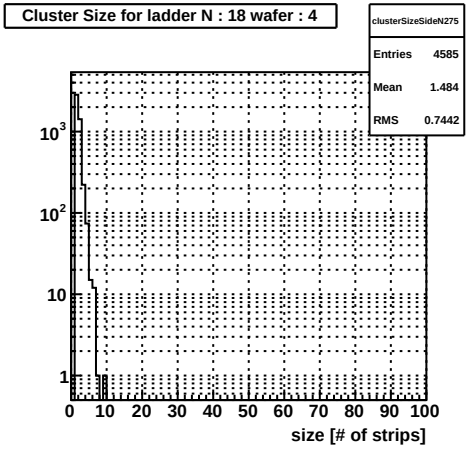

Cluster Size for ladder N : 18 wafer : 3
clusterSizeSideN274
Entries 5250
Mean 1.479
RMS 0.778
size [# of strips]

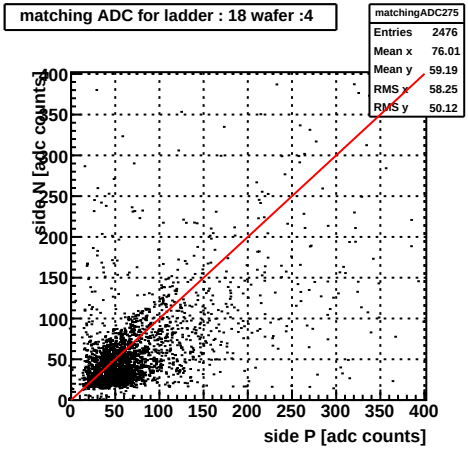

matching ADC for ladder : 18 wafer :3
matchingADC274
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

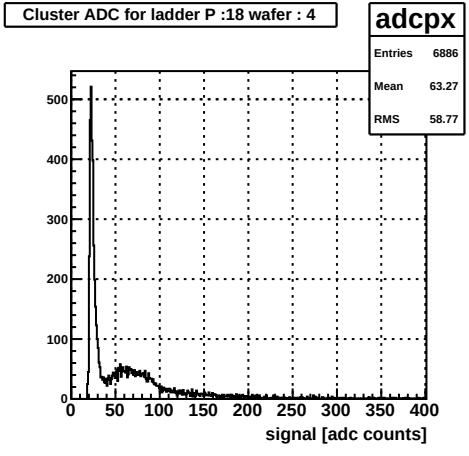

Cluster ADC for ladder P :18 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

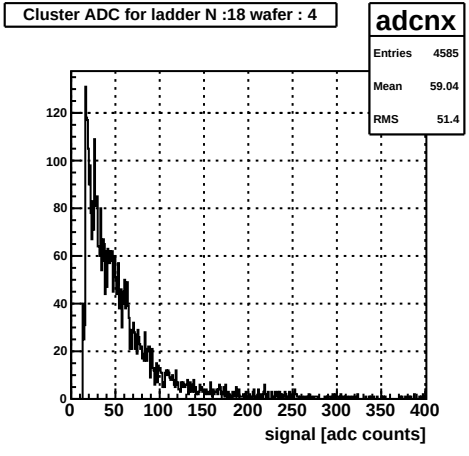

Cluster ADC for ladder N :18 wafer : 3
adcnx
Entries 5250
Mean 64.82
RMS 57.25
signal [adc counts]

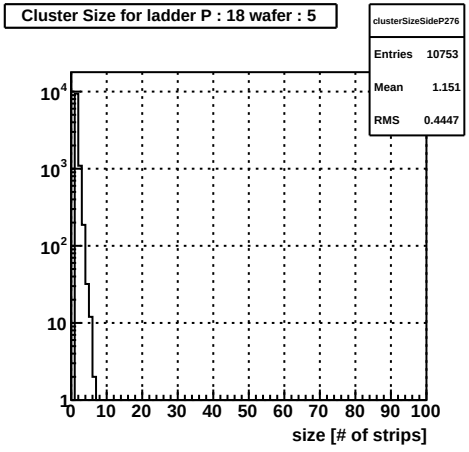

Cluster Size for ladder P : 18 wafer : 4
clusterSizeSideP275
Entries 6886
Mean 1.244
RMS 0.5555
size [# of strips]

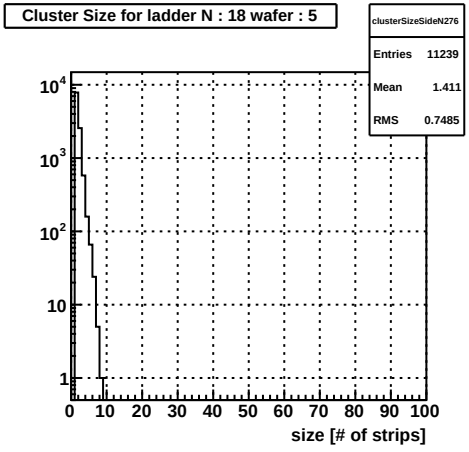

Cluster Size for ladder N : 18 wafer : 4
clusterSizeSideN275
Entries 4585
Mean 1.484
RMS 0.7442
size [# of strips]

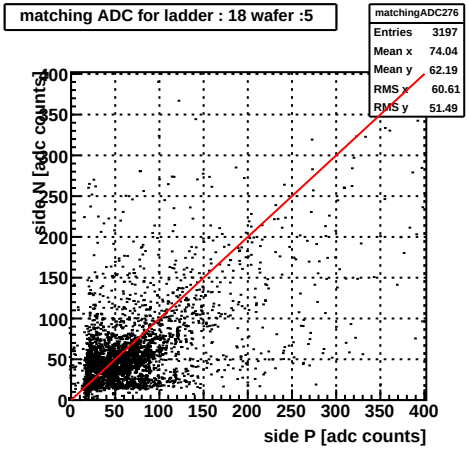

matching ADC for ladder : 18 wafer :4
matchingADC275
Entries 2476
Mean x 76.01
Mean y 59.19
RMS x 58.25
RMS y 50.12
side N [adc counts]
side P [adc counts]

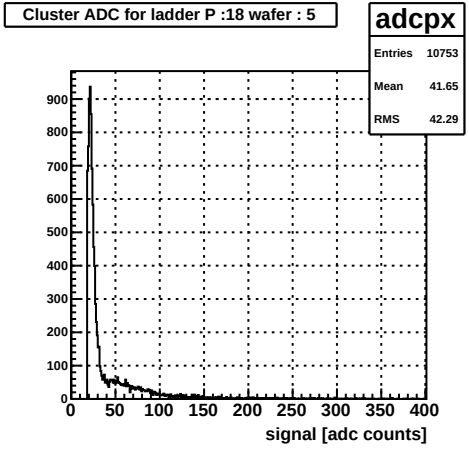

Cluster ADC for ladder P :18 wafer : 4
adcpx
Entries 6886
Mean 63.27
RMS 58.77
signal [adc counts]

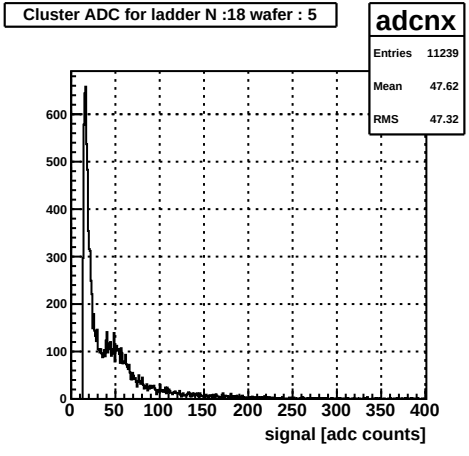

Cluster ADC for ladder N :18 wafer : 4
adcnx
Entries 4585
Mean 59.04
RMS 51.4
signal [adc counts]

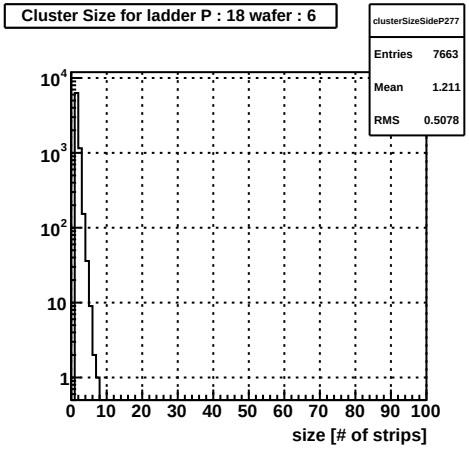

Cluster Size for ladder P : 18 wafer : 5
clusterSizeSideP276
Entries 10753
Mean 1.151
RMS 0.4447
size [# of strips]

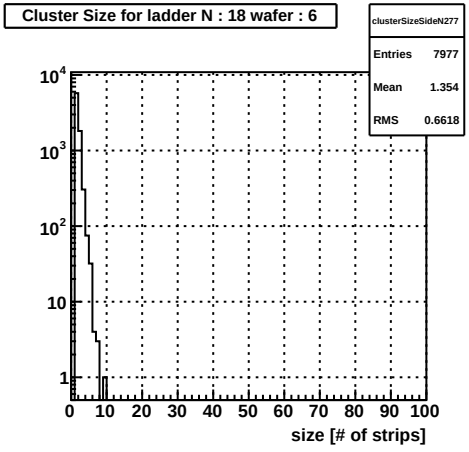

Cluster Size for ladder N : 18 wafer : 5
clusterSizeSideN276
Entries 11239
Mean 1.411
RMS 0.7485
size [# of strips]

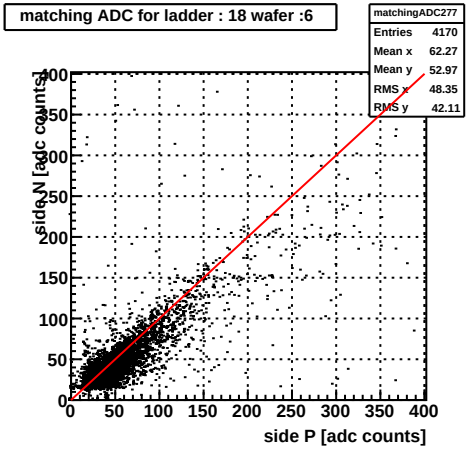

matching ADC for ladder : 18 wafer :5
matchingADC276
Entries 3197
Mean x 74.04
Mean y 62.19
RMS x 60.61
RMS y 51.49
side N [adc counts]
side P [adc counts]

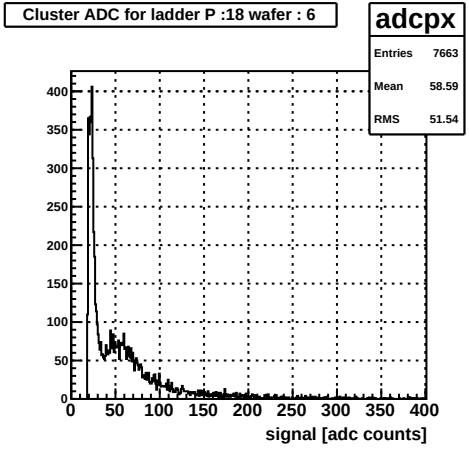

Cluster ADC for ladder P :18 wafer : 5
adcpx
Entries 10753
Mean 41.65
RMS 42.29
signal [adc counts]

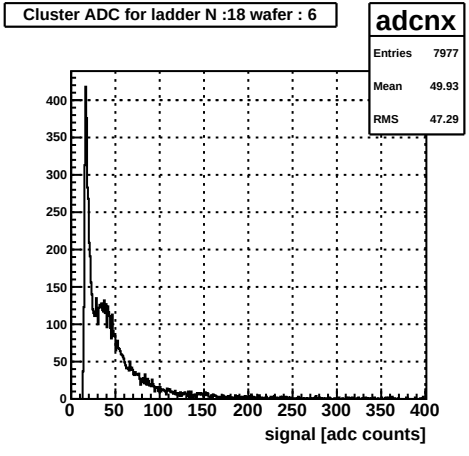

Cluster ADC for ladder N :18 wafer : 5
adcnx
Entries 11239
Mean 47.62
RMS 47.32
signal [adc counts]

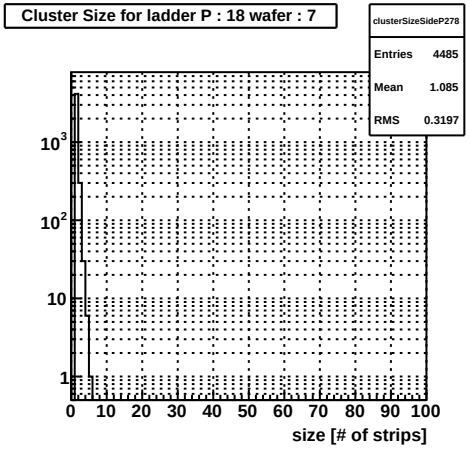

Cluster Size for ladder P : 18 wafer : 6
clusterSizeSideP277
Entries 7663
Mean 1.211
RMS 0.5078
size [# of strips]

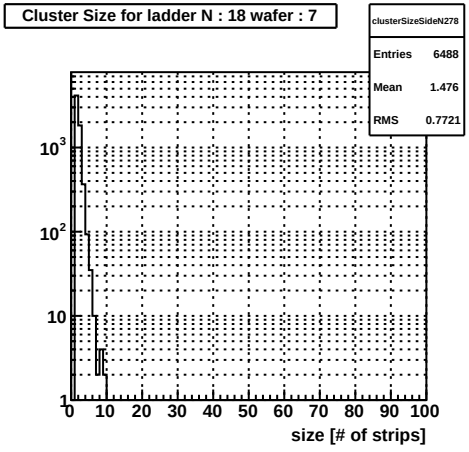

Cluster Size for ladder N : 18 wafer : 6
clusterSizeSideN277
Entries 7977
Mean 1.354
RMS 0.6618
size [# of strips]

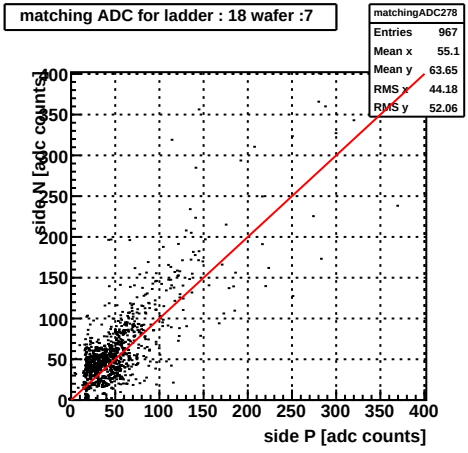

matching ADC for ladder : 18 wafer :6
matchingADC277
Entries 4170
Mean x 62.27
Mean y 52.97
RMS x 48.35
RMS y 42.11
side N [adc counts]
side P [adc counts]

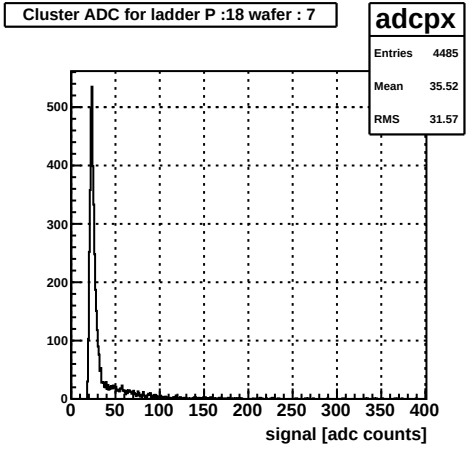

Cluster ADC for ladder P :18 wafer : 6
adcpx
Entries 7663
Mean 58.59
RMS 51.54
signal [adc counts]

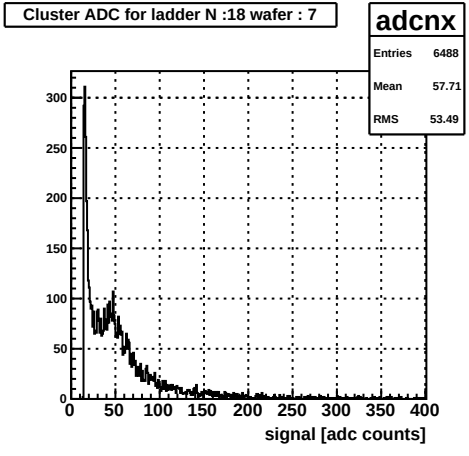

Cluster ADC for ladder N :18 wafer : 6
adcnx
Entries 7977
Mean 49.93
RMS 47.29
signal [adc counts]

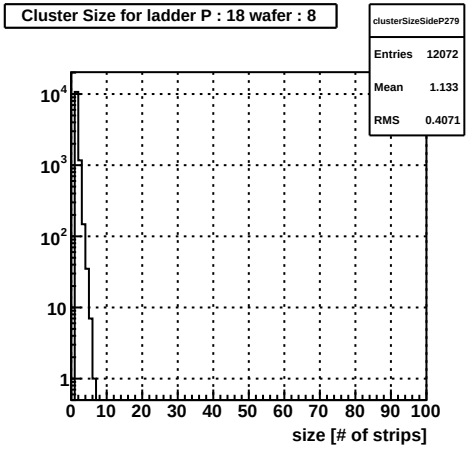

Cluster Size for ladder P : 18 wafer : 7
clusterSizeSideP278
Entries 4485
Mean 1.085
RMS 0.3197
size [# of strips]

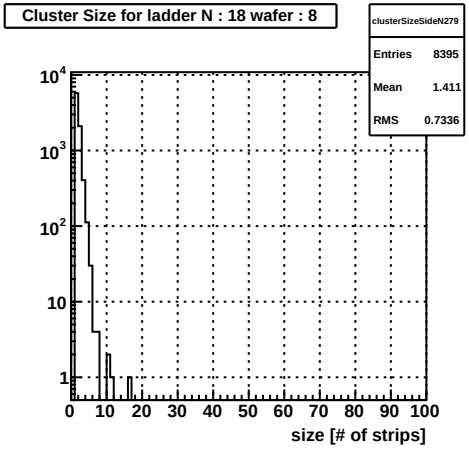

Cluster Size for ladder N : 18 wafer : 7
clusterSizeSideN278
Entries 6488
Mean 1.476
RMS 0.7721
size [# of strips]

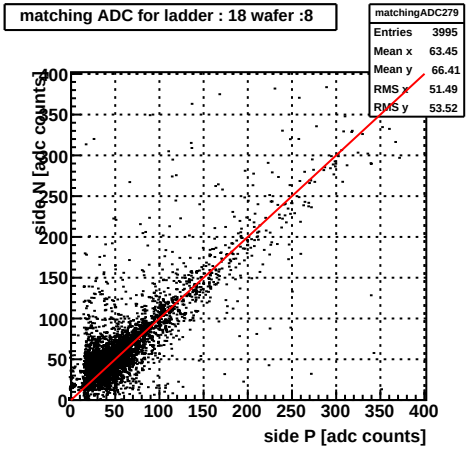

matching ADC for ladder : 18 wafer :7
matchingADC278
Entries 967
Mean x 55.1
Mean y 63.65
RMS x 44.18
RMS y 52.06
side N [adc counts]
side P [adc counts]

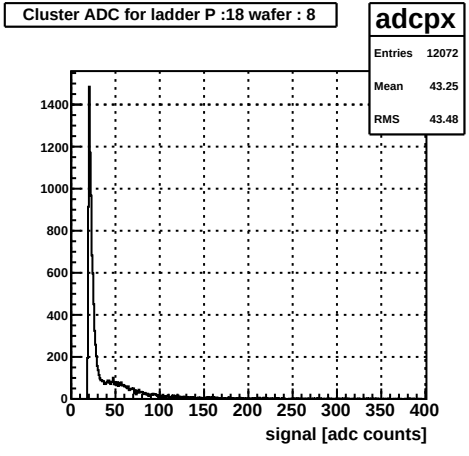

Cluster ADC for ladder P :18 wafer : 7
adcpx
Entries 4485
Mean 35.52
RMS 31.57
signal [adc counts]

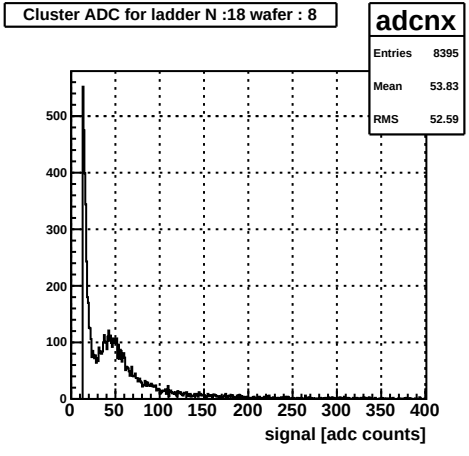

Cluster ADC for ladder N :18 wafer : 7
adcnx
Entries 6488
Mean 57.71
RMS 53.49
signal [adc counts]

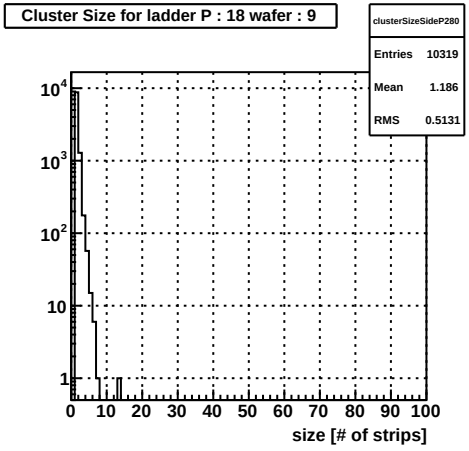

Cluster Size for ladder P : 18 wafer : 8
clusterSizeSideP279
Entries 12072
Mean 1.133
RMS 0.4071
size [# of strips]

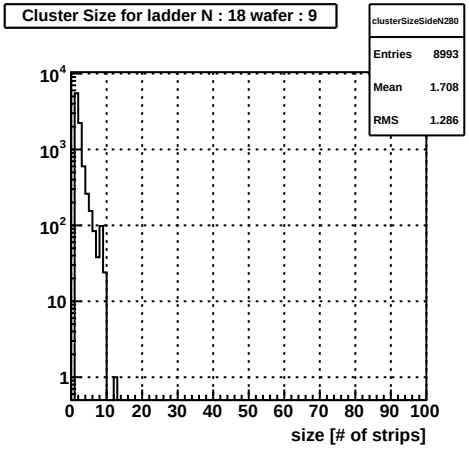

Cluster Size for ladder N : 18 wafer : 8
clusterSizeSideN279
Entries 8395
Mean 1.411
RMS 0.7336
size [# of strips]

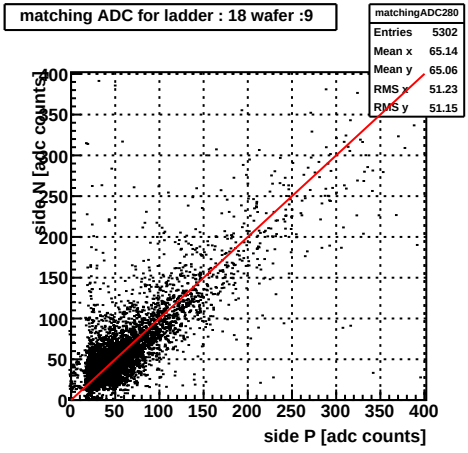

matching ADC for ladder : 18 wafer :8
matchingADC279
Entries 3995
Mean x 63.45
Mean y 66.41
RMS x 51.49
RMS y 53.52
side N [adc counts]
side P [adc counts]

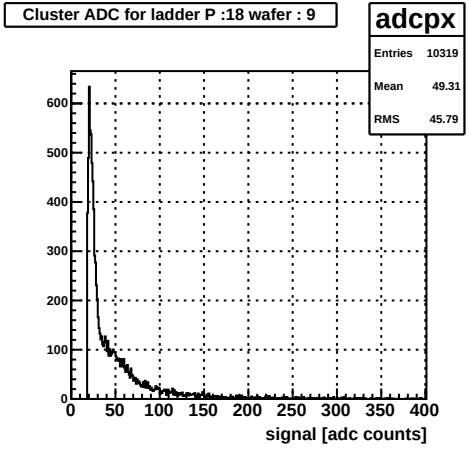

Cluster ADC for ladder P :18 wafer : 8
adcpx
Entries 12072
Mean 43.25
RMS 43.48
signal [adc counts]

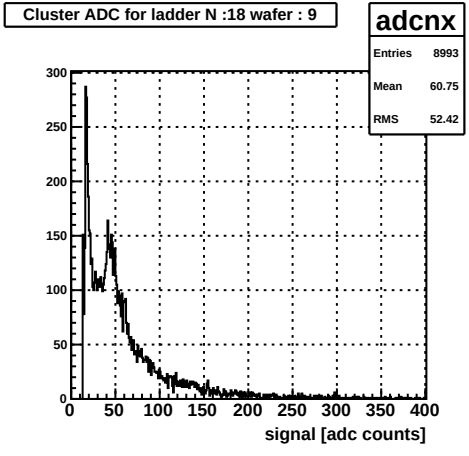

Cluster ADC for ladder N :18 wafer : 8
adcnx
Entries 8395
Mean 53.83
RMS 52.59
signal [adc counts]

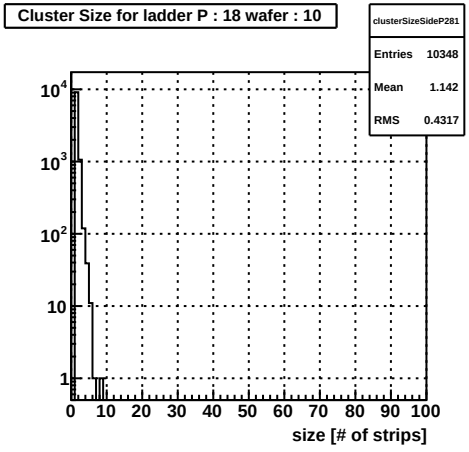

Cluster Size for ladder P : 18 wafer : 9
clusterSizeSideP280
Entries 10319
Mean 1.186
RMS 0.5131
size [# of strips]

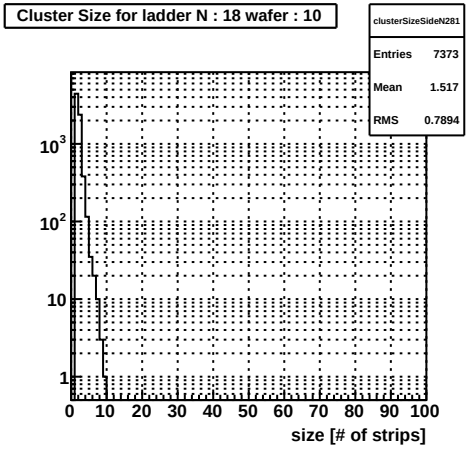

Cluster Size for ladder N : 18 wafer : 9
clusterSizeSideN280
Entries 8993
Mean 1.708
RMS 1.286
size [# of strips]

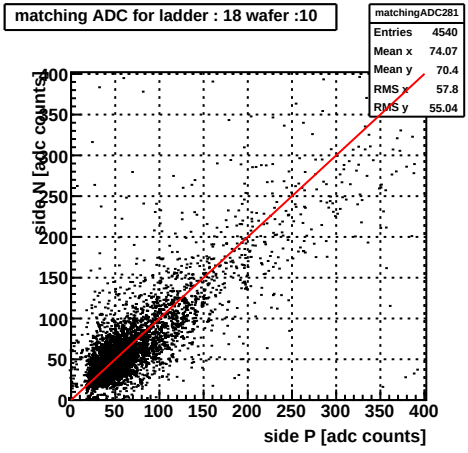

matching ADC for ladder : 18 wafer :9
matchingADC280
Entries 5302
Mean x 65.14
Mean y 65.06
RMS x 51.23
RMS y 51.15
side N [adc counts]
side P [adc counts]

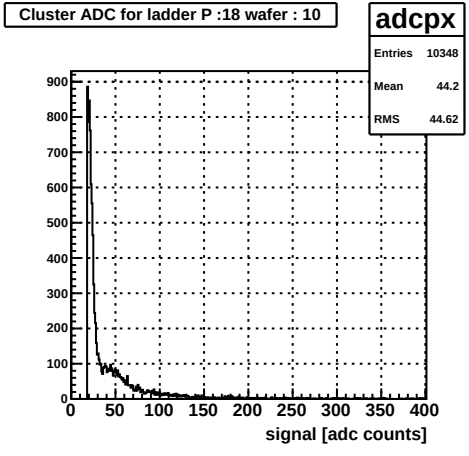

Cluster ADC for ladder P :18 wafer : 9
adcpx
Entries 10319
Mean 49.31
RMS 45.79
signal [adc counts]

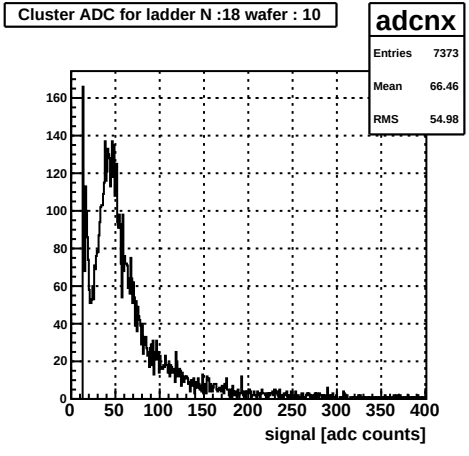

Cluster ADC for ladder N :18 wafer : 9
adcnx
Entries 8993
Mean 60.75
RMS 52.42
signal [adc counts]

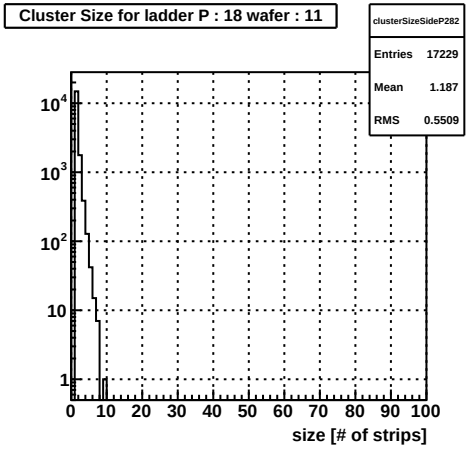

Cluster Size for ladder P : 18 wafer : 10
clusterSizeSideP281
Entries 10348
Mean 1.142
RMS 0.4317
size [# of strips]

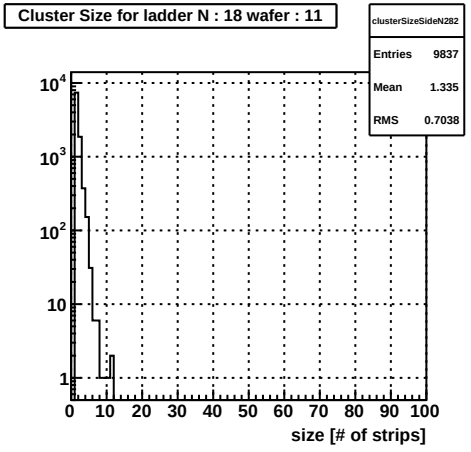

Cluster Size for ladder N : 18 wafer : 10
clusterSizeSideN281
Entries 7373
Mean 1.517
RMS 0.7894
size [# of strips]

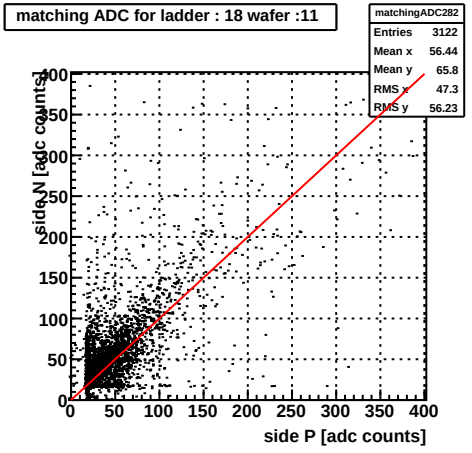

matching ADC for ladder : 18 wafer :10
matchingADC281
Entries 4540
Mean x 74.07
Mean y 70.4
RMS x 57.8
RMS y 55.04
side N [adc counts]
side P [adc counts]

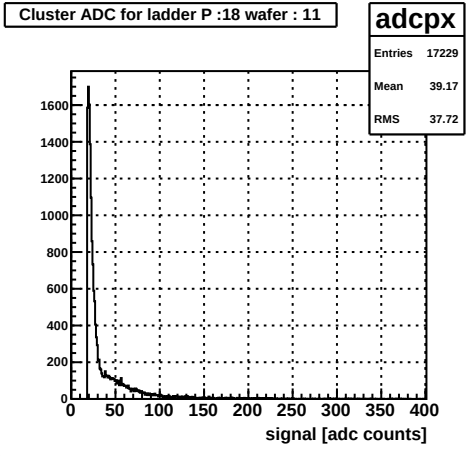

Cluster ADC for ladder P :18 wafer : 10
adcpx
Entries 10348
Mean 44.2
RMS 44.62
signal [adc counts]

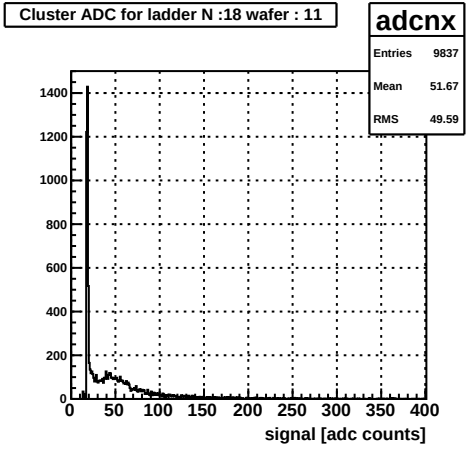

Cluster ADC for ladder N :18 wafer : 10
adcnx
Entries 7373
Mean 66.46
RMS 54.98
signal [adc counts]

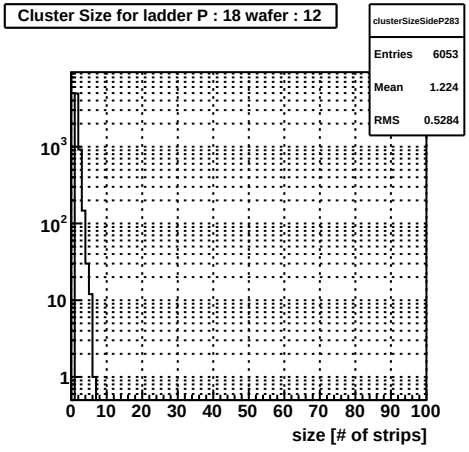

Cluster Size for ladder P : 18 wafer : 11
clusterSizeSideP282
Entries 17229
Mean 1.187
RMS 0.5509
size [# of strips]

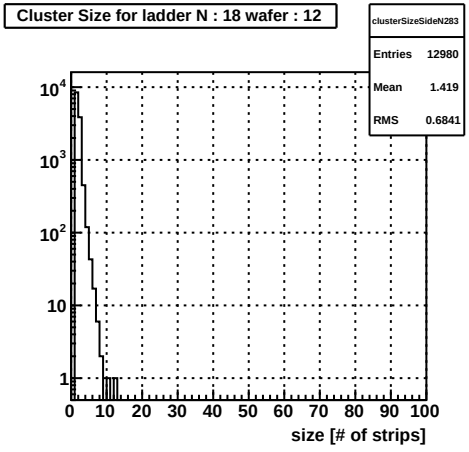

Cluster Size for ladder N : 18 wafer : 11
clusterSizeSideN282
Entries 9837
Mean 1.335
RMS 0.7038
size [# of strips]

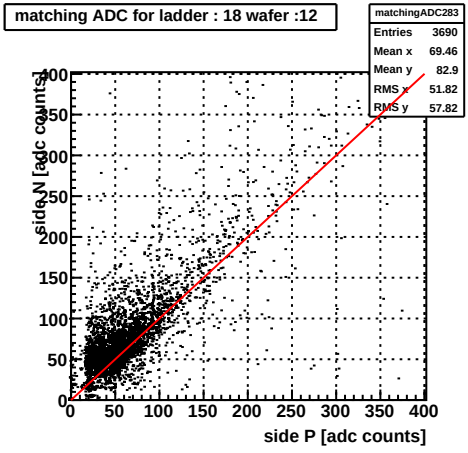

matching ADC for ladder : 18 wafer :11
matchingADC282
Entries 3122
Mean x 56.44
Mean y 65.8
RMS x 47.3
RMS y 56.23
side N [adc counts]
side P [adc counts]

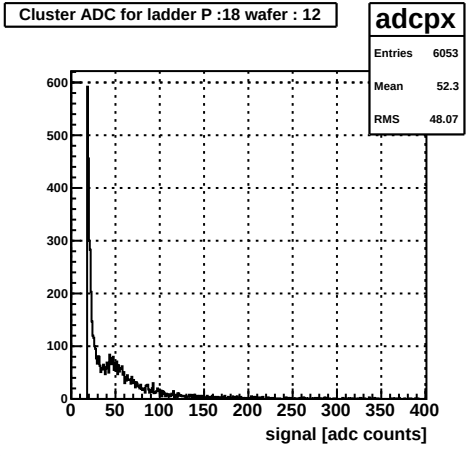

Cluster ADC for ladder P :18 wafer : 11
adcpx
Entries 17229
Mean 39.17
RMS 37.72
signal [adc counts]

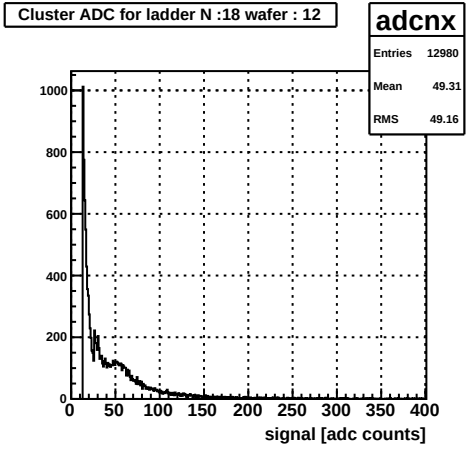

Cluster ADC for ladder N :18 wafer : 11
adcnx
Entries 9837
Mean 51.67
RMS 49.59
signal [adc counts]

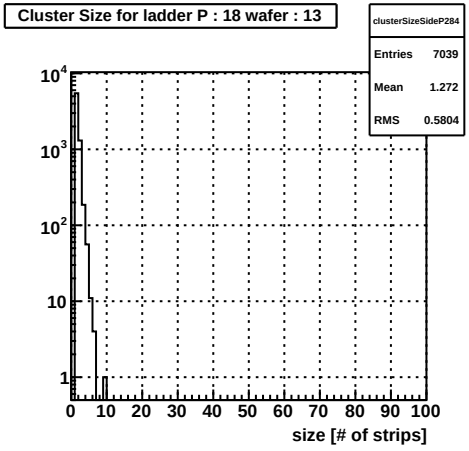

Cluster Size for ladder P : 18 wafer : 12
clusterSizeSideP283
Entries 6053
Mean 1.224
RMS 0.5284
size [# of strips]

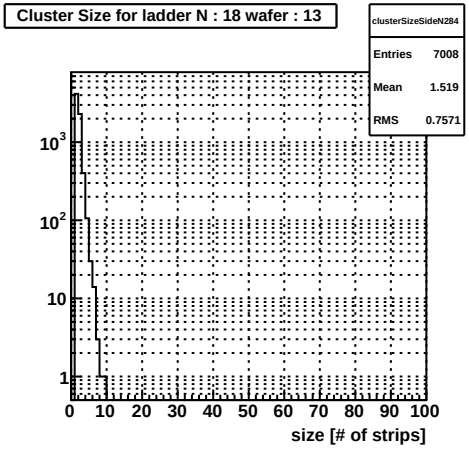

Cluster Size for ladder N : 18 wafer : 12
clusterSizeSideN283
Entries 12980
Mean 1.419
RMS 0.6841
size [# of strips]

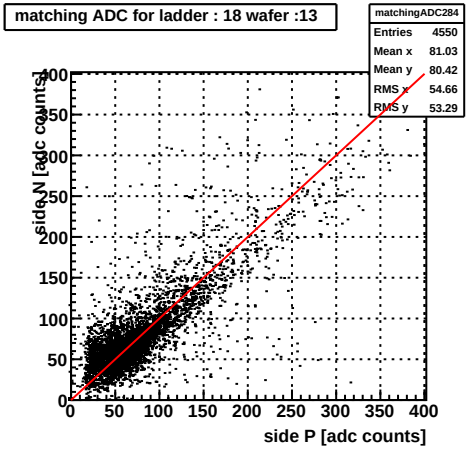

matching ADC for ladder : 18 wafer :12
matchingADC283
Entries 3690
Mean x 69.46
Mean y 82.9
RMS x 51.82
RMS y 57.82
side N [adc counts]
side P [adc counts]

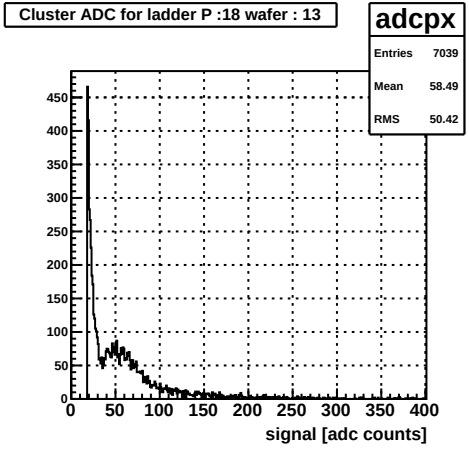

Cluster ADC for ladder P :18 wafer : 12
adcpx
Entries 6053
Mean 52.3
RMS 48.07
signal [adc counts]

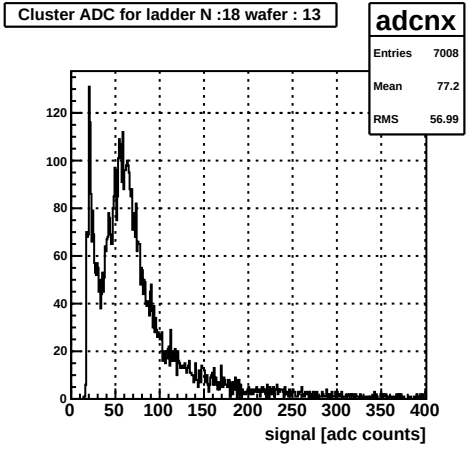

Cluster ADC for ladder N :18 wafer : 12
adcnx
Entries 12980
Mean 49.31
RMS 49.16
signal [adc counts]

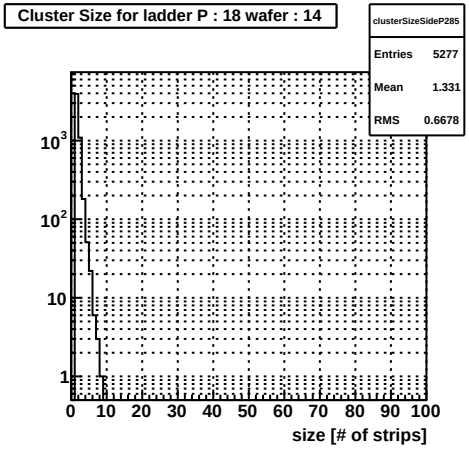

Cluster Size for ladder P : 18 wafer : 13
clusterSizeSideP284
Entries 7039
Mean 1.272
RMS 0.5804
size [# of strips]

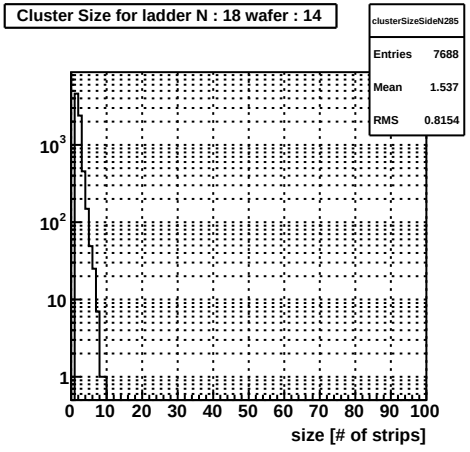

Cluster Size for ladder N : 18 wafer : 13
clusterSizeSideN284
Entries 7008
Mean 1.519
RMS 0.7571
size [# of strips]

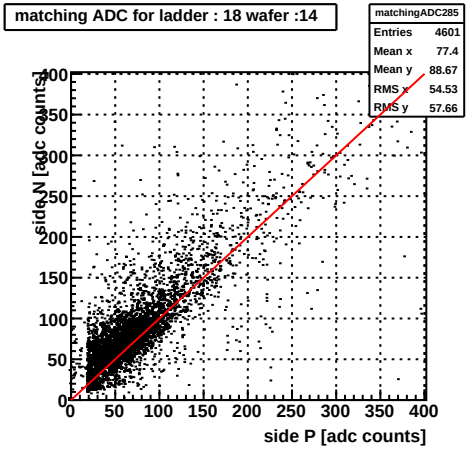

matching ADC for ladder : 18 wafer :13
matchingADC284
Entries 4550
Mean x 81.03
Mean y 80.42
RMS x 54.66
RMS y 53.29
side N [adc counts]
side P [adc counts]

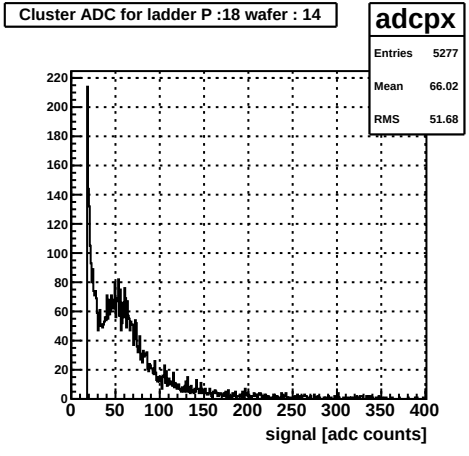

Cluster ADC for ladder P :18 wafer : 13
adcpx
Entries 7039
Mean 58.49
RMS 50.42
signal [adc counts]

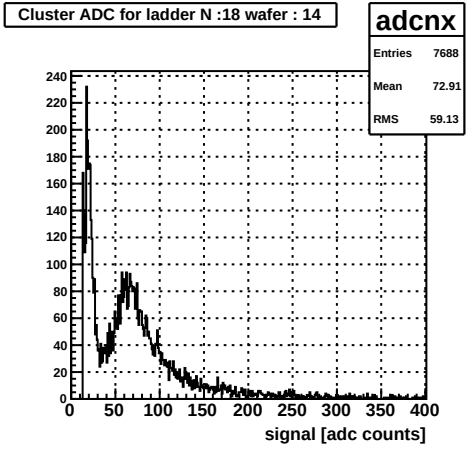

Cluster ADC for ladder N :18 wafer : 13
adcnx
Entries 7008
Mean 77.2
RMS 56.99
signal [adc counts]

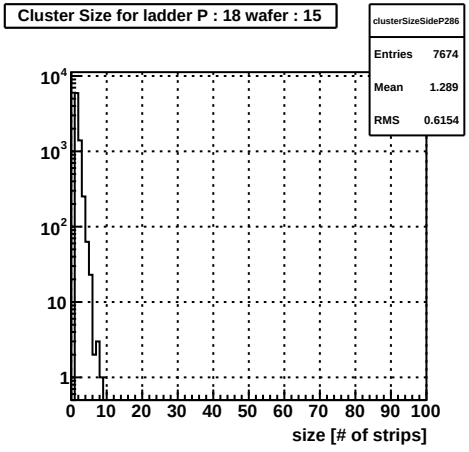

Cluster Size for ladder P : 18 wafer : 14
clusterSizeSideP285
Entries 5277
Mean 1.331
RMS 0.6678
size [# of strips]

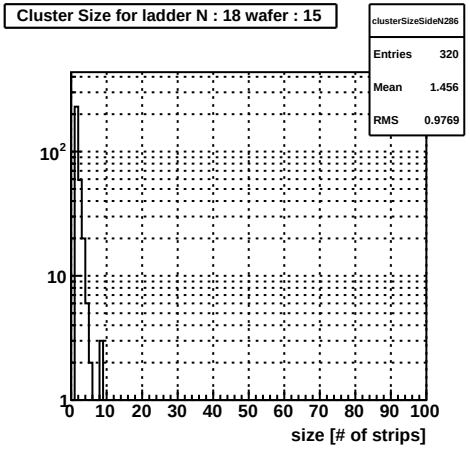

Cluster Size for ladder N : 18 wafer : 14
clusterSizeSideN285
Entries 7688
Mean 1.537
RMS 0.8154
size [# of strips]

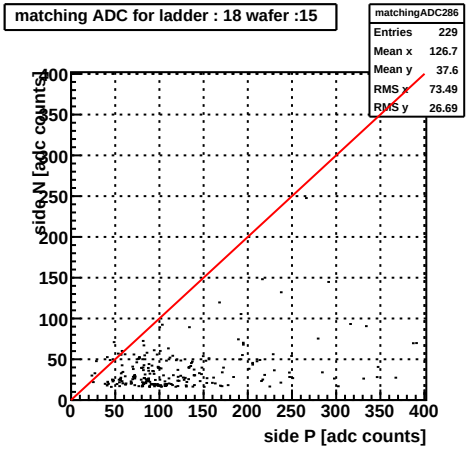

matching ADC for ladder : 18 wafer :14
matchingADC285
Entries 4601
Mean x 77.4
Mean y 88.67
RMS x 54.53
RMS y 57.66
side N [adc counts]
side P [adc counts]

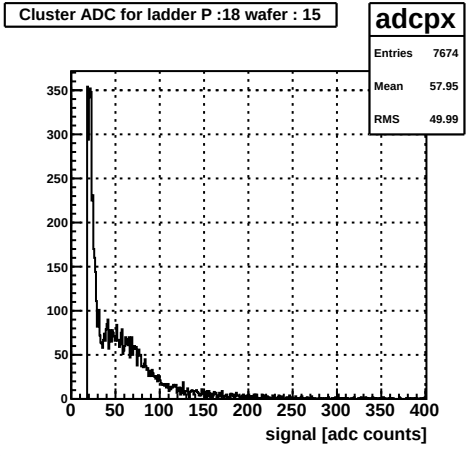

Cluster ADC for ladder P :18 wafer : 14
adcpx
Entries 5277
Mean 66.02
RMS 51.68
signal [adc counts]

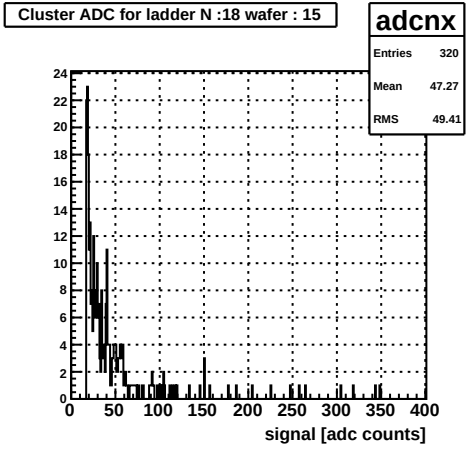

Cluster ADC for ladder N :18 wafer : 14
adcnx
Entries 7688
Mean 72.91
RMS 59.13
signal [adc counts]

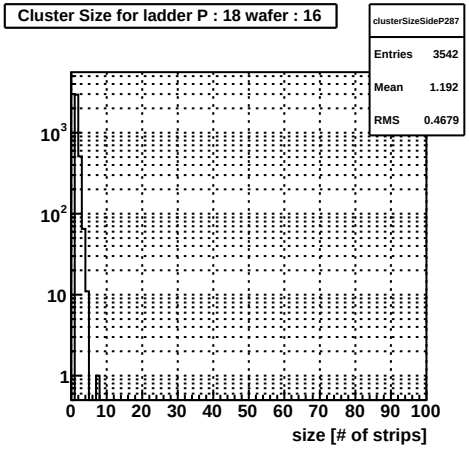

Cluster Size for ladder P : 18 wafer : 15
clusterSizeSideP286
Entries 7674
Mean 1.289
RMS 0.6154
size [# of strips]

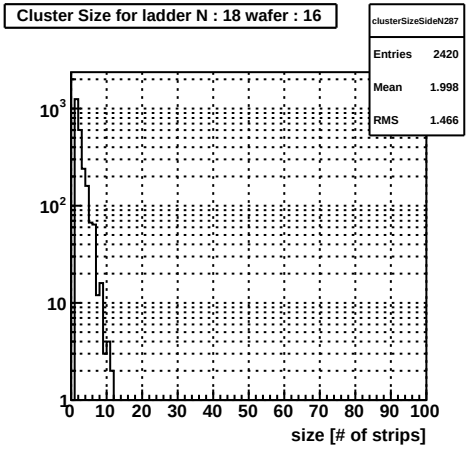

Cluster Size for ladder N : 18 wafer : 15
clusterSizeSideN286
Entries 320
Mean 1.456
RMS 0.9769
size [# of strips]

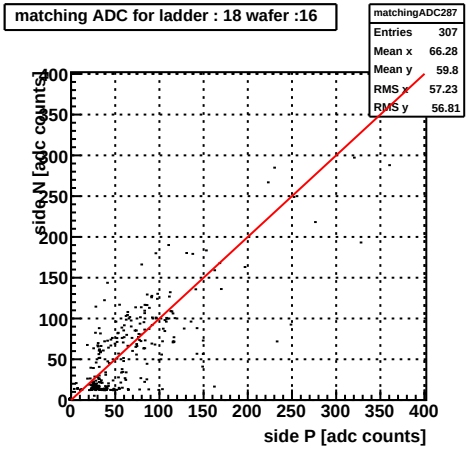

matching ADC for ladder : 18 wafer :15
matchingADC286
Entries 229
Mean x 126.7
Mean y 37.6
RMS x 73.49
RMS y 26.69
side N [adc counts]
side P [adc counts]

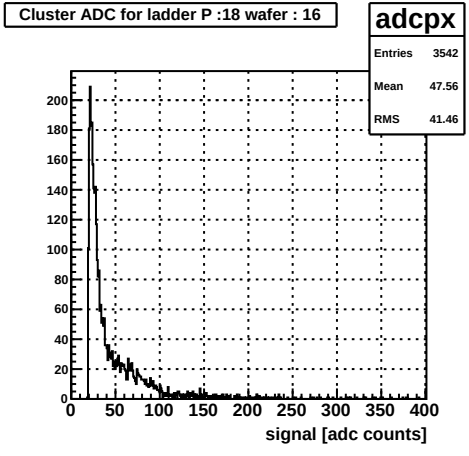

Cluster ADC for ladder P :18 wafer : 15
adcpx
Entries 7674
Mean 57.95
RMS 49.99
signal [adc counts]

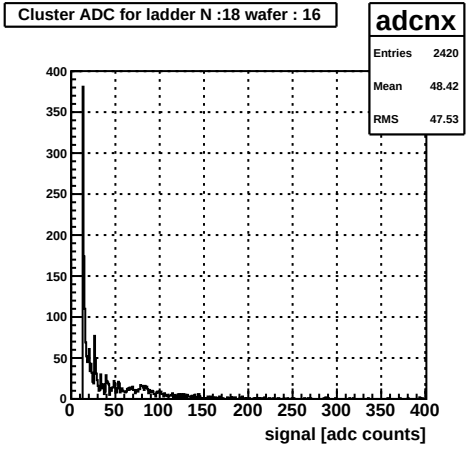

Cluster ADC for ladder N :18 wafer : 15
adcnx
Entries 320
Mean 47.27
RMS 49.41
signal [adc counts]

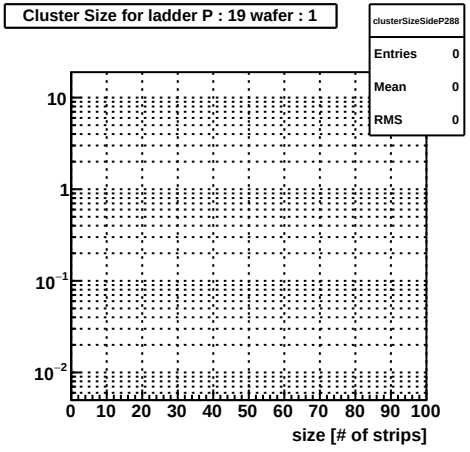

Cluster Size for ladder P : 18 wafer : 16
clusterSizeSideP287
Entries 3542
Mean 1.192
RMS 0.4679
size [# of strips]

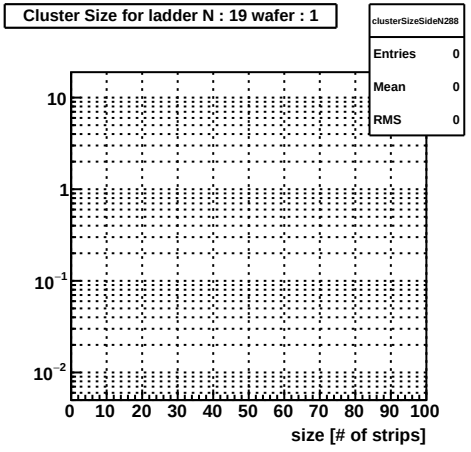

Cluster Size for ladder N : 18 wafer : 16
clusterSizeSideN287
Entries 2420
Mean 1.998
RMS 1.466
size [# of strips]

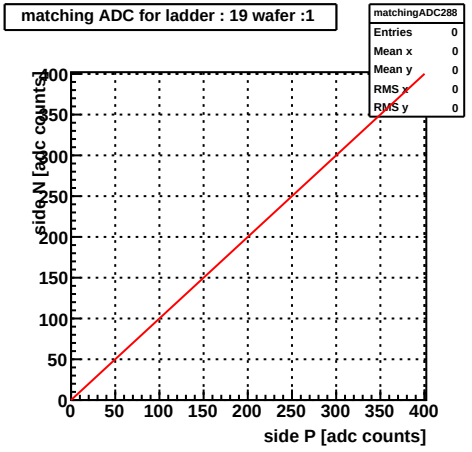

matching ADC for ladder : 18 wafer :16
matchingADC287
Entries 307
Mean x 66.28
Mean y 59.8
RMS x 57.23
RMS y 56.81
side N [adc counts]
side P [adc counts]

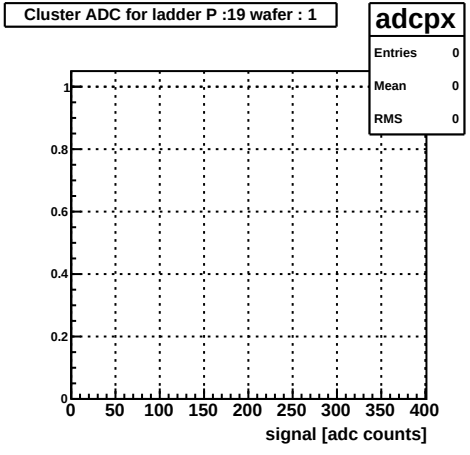

Cluster ADC for ladder P :18 wafer : 16
adcpx
Entries 3542
Mean 47.56
RMS 41.46
signal [adc counts]

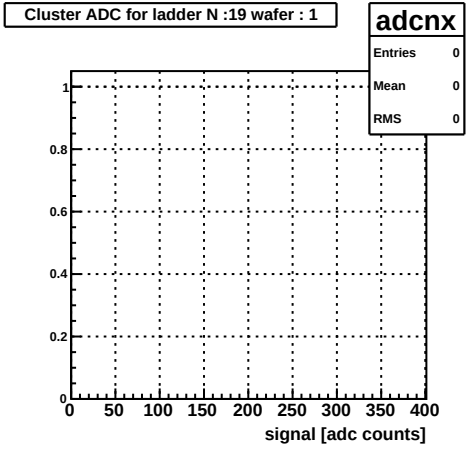

Cluster ADC for ladder N :18 wafer : 16
adcnx
Entries 2420
Mean 48.42
RMS 47.53
signal [adc counts]

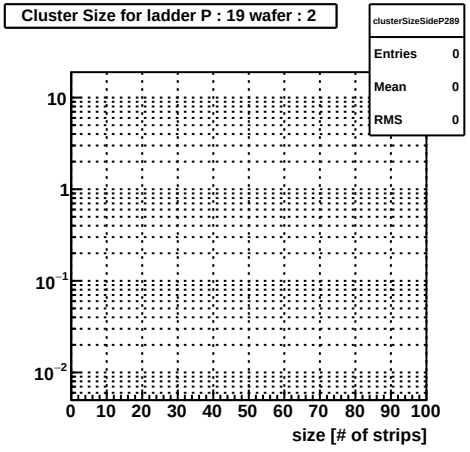

Cluster Size for ladder P : 19 wafer : 1
clusterSizeSideP288
Entries 0
Mean 0
RMS 0
size [# of strips]

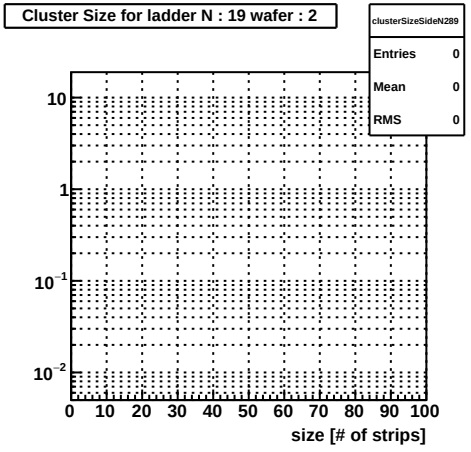

Cluster Size for ladder N : 19 wafer : 1
clusterSizeSideN288
Entries 0
Mean 0
RMS 0
size [# of strips]

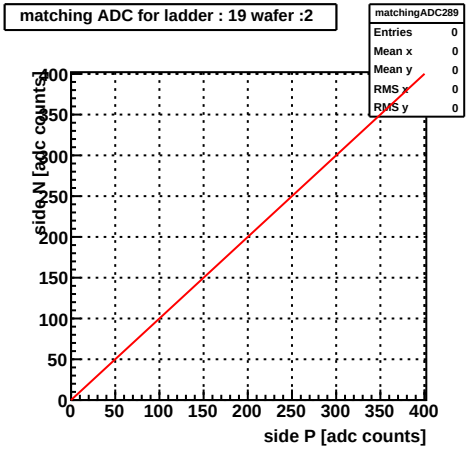

matching ADC for ladder : 19 wafer :1
matchingADC288
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

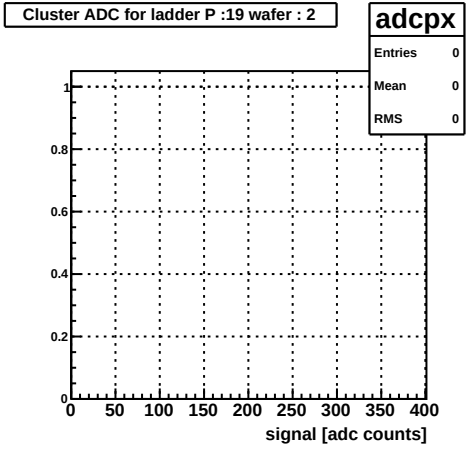

Cluster ADC for ladder P :19 wafer : 1
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

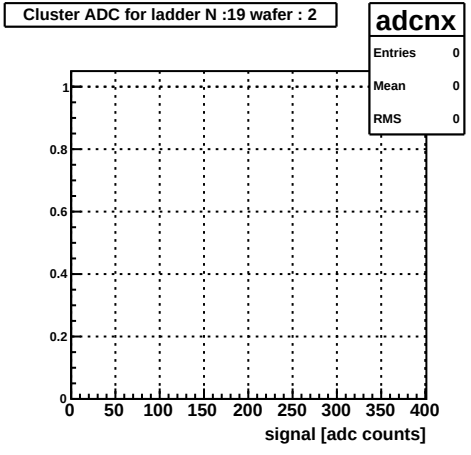

Cluster ADC for ladder N :19 wafer : 1
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

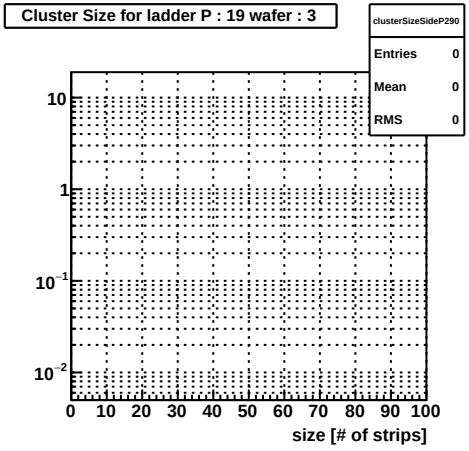

Cluster Size for ladder P : 19 wafer : 2
clusterSizeSideP289
Entries 0
Mean 0
RMS 0
size [# of strips]

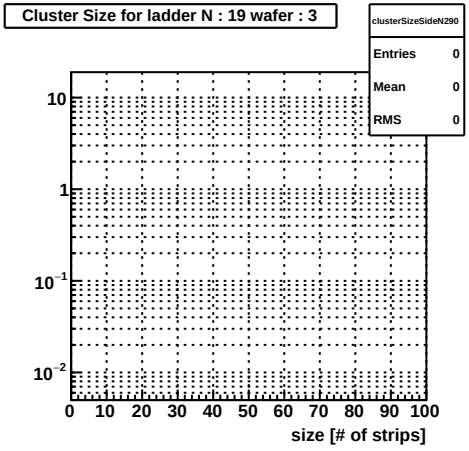

Cluster Size for ladder N : 19 wafer : 2
clusterSizeSideN289
Entries 0
Mean 0
RMS 0
size [# of strips]

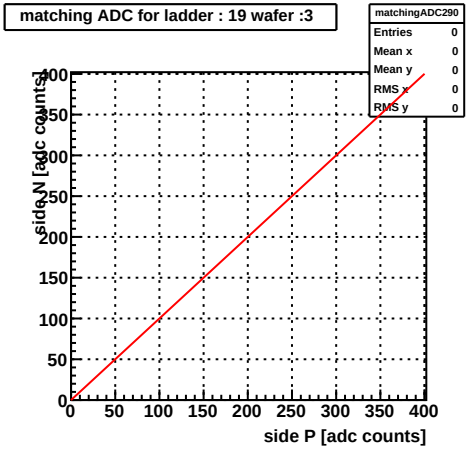

matching ADC for ladder : 19 wafer :2
matchingADC289
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

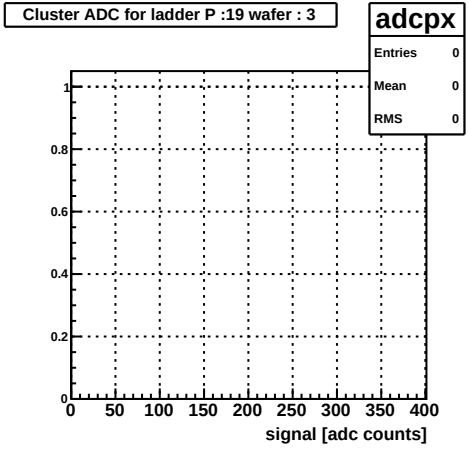

Cluster ADC for ladder P :19 wafer : 2
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

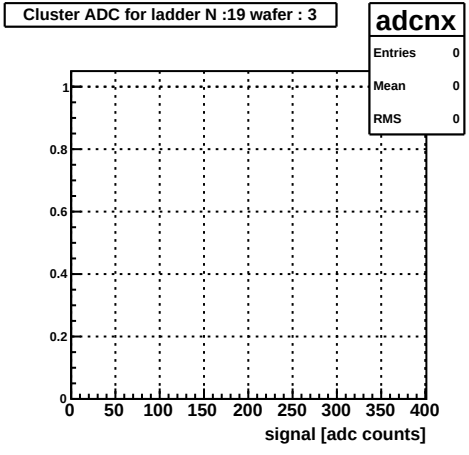

Cluster ADC for ladder N :19 wafer : 2
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

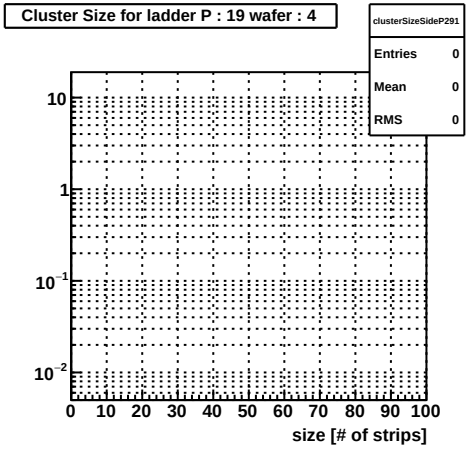

Cluster Size for ladder P : 19 wafer : 3
clusterSizeSideP290
Entries 0
Mean 0
RMS 0
size [# of strips]

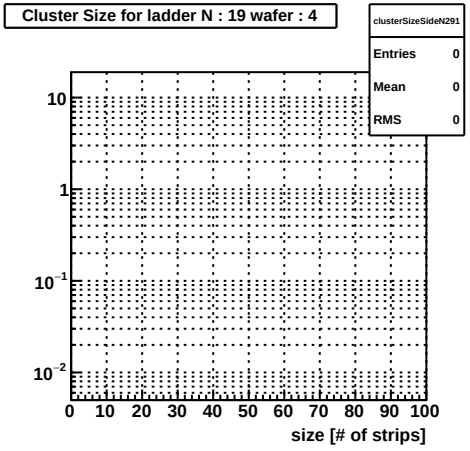

Cluster Size for ladder N : 19 wafer : 3
clusterSizeSideN290
Entries 0
Mean 0
RMS 0
size [# of strips]

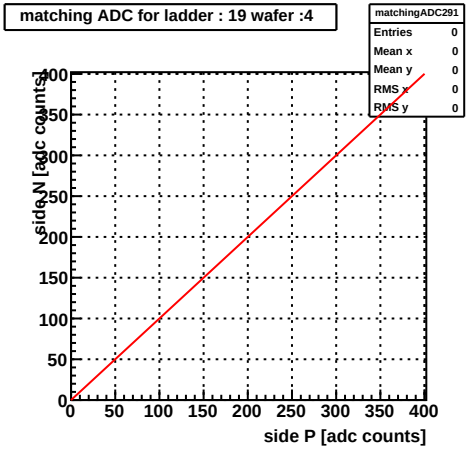

matching ADC for ladder : 19 wafer :3
matchingADC290
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

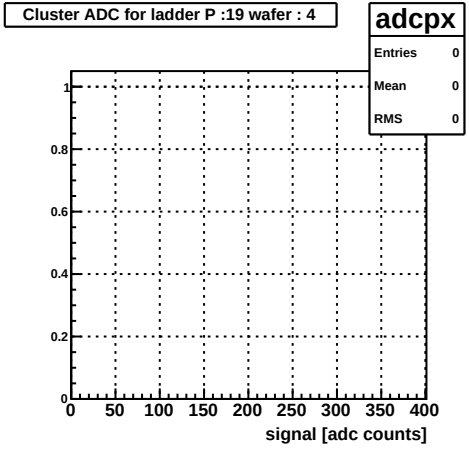

Cluster ADC for ladder P :19 wafer : 3
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

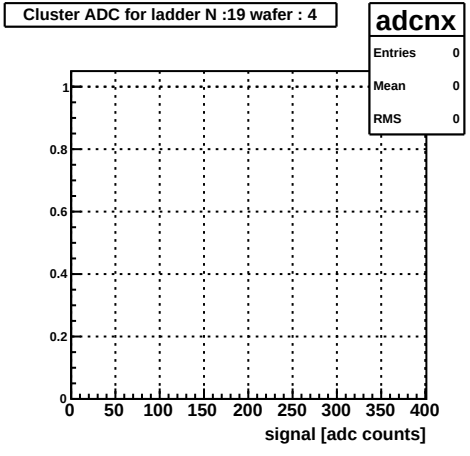

Cluster ADC for ladder N :19 wafer : 3
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

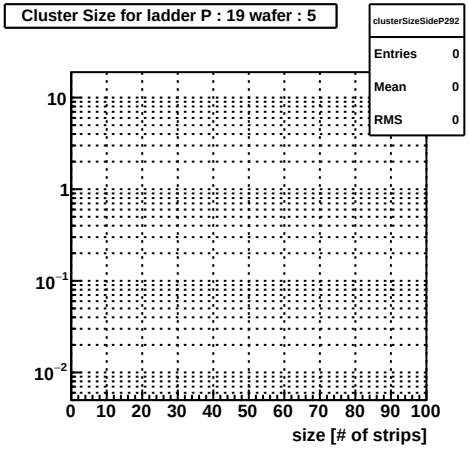

Cluster Size for ladder P : 19 wafer : 4
clusterSizeSideP291
Entries 0
Mean 0
RMS 0
size [# of strips]

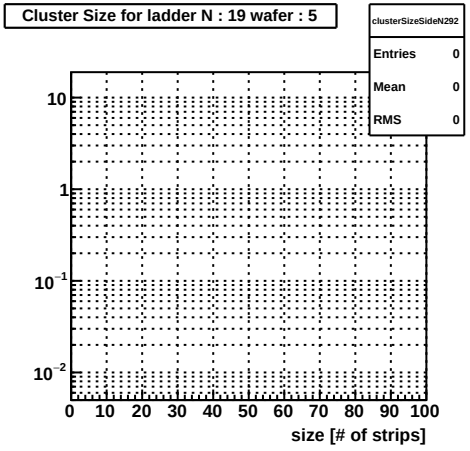

Cluster Size for ladder N : 19 wafer : 4
clusterSizeSideN291
Entries 0
Mean 0
RMS 0
size [# of strips]

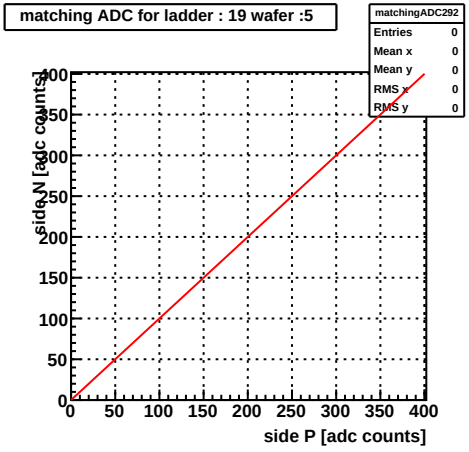

matching ADC for ladder : 19 wafer :4
matchingADC291
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

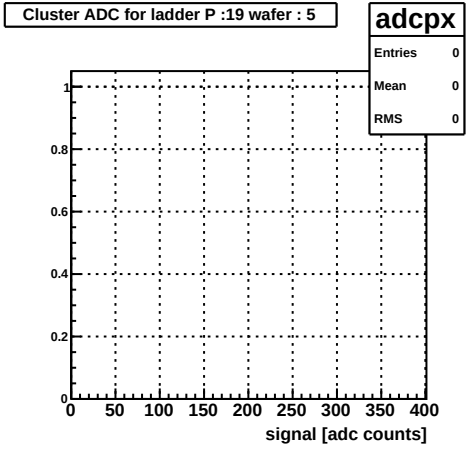

Cluster ADC for ladder P :19 wafer : 4
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

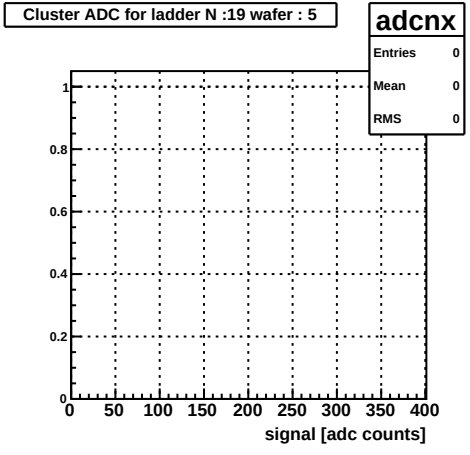

Cluster ADC for ladder N :19 wafer : 4
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

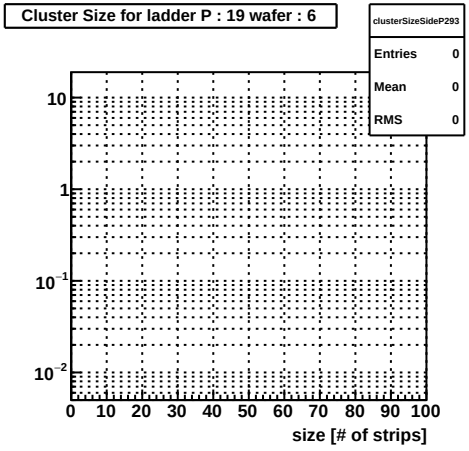

Cluster Size for ladder P : 19 wafer : 5
clusterSizeSideP292
Entries 0
Mean 0
RMS 0
size [# of strips]

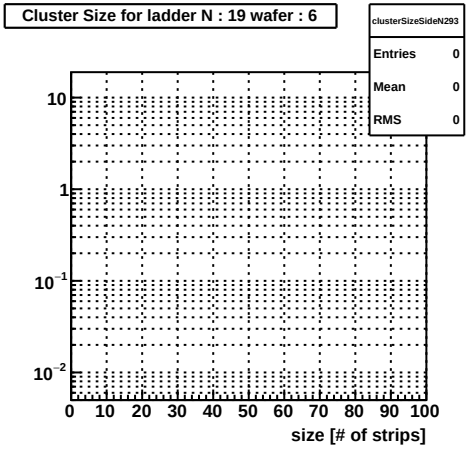

Cluster Size for ladder N : 19 wafer : 5
clusterSizeSideN292
Entries 0
Mean 0
RMS 0
size [# of strips]

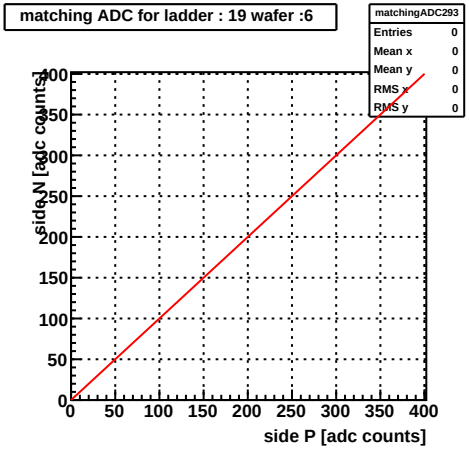

matching ADC for ladder : 19 wafer :5
matchingADC292
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

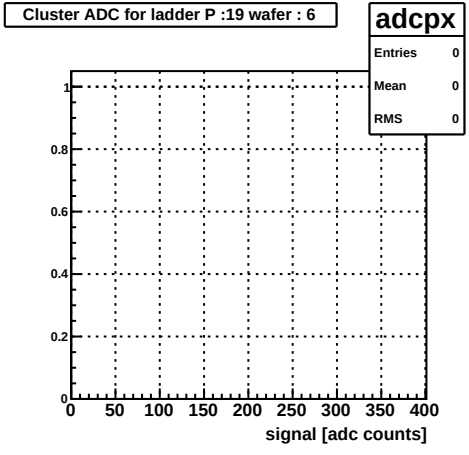

Cluster ADC for ladder P :19 wafer : 5
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

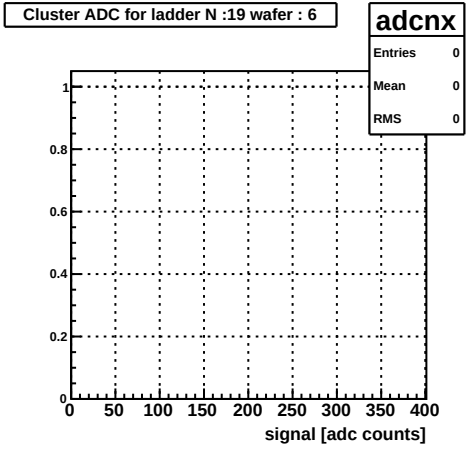

Cluster ADC for ladder N :19 wafer : 5
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

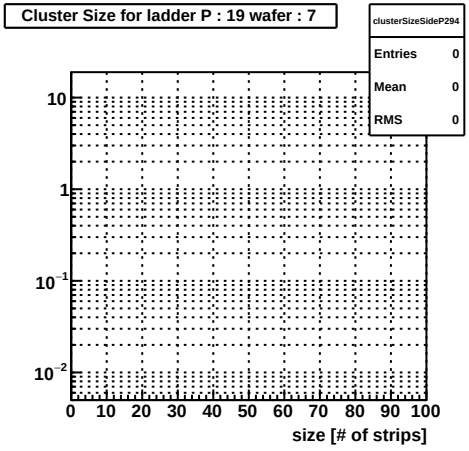

Cluster Size for ladder P : 19 wafer : 6
clusterSizeSideP293
Entries 0
Mean 0
RMS 0
size [# of strips]

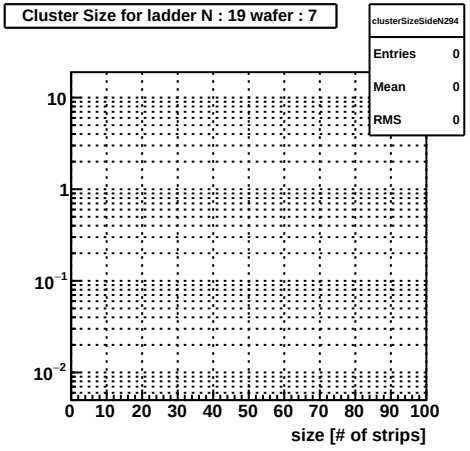

Cluster Size for ladder N : 19 wafer : 6
clusterSizeSideN293
Entries 0
Mean 0
RMS 0
size [# of strips]

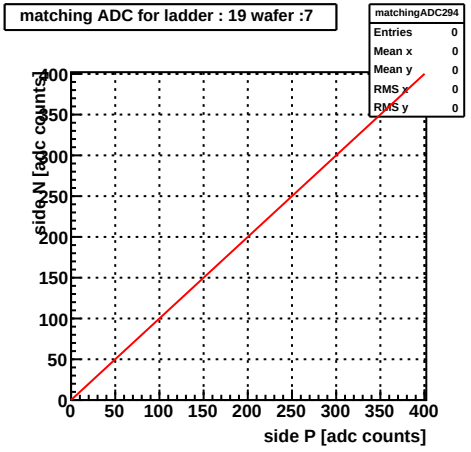

matching ADC for ladder : 19 wafer :6
matchingADC293
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

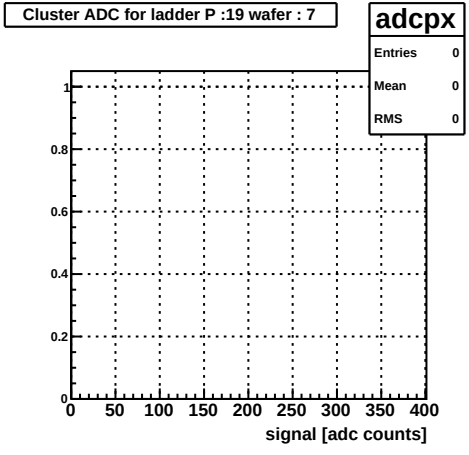

Cluster ADC for ladder P :19 wafer : 6
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

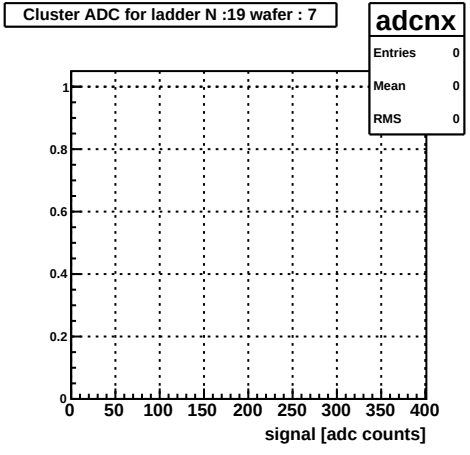

Cluster ADC for ladder N :19 wafer : 6
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

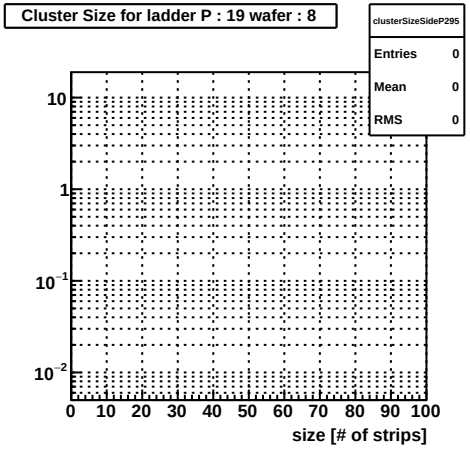

Cluster Size for ladder P : 19 wafer : 7
clusterSizeSideP294
Entries 0
Mean 0
RMS 0
size [# of strips]

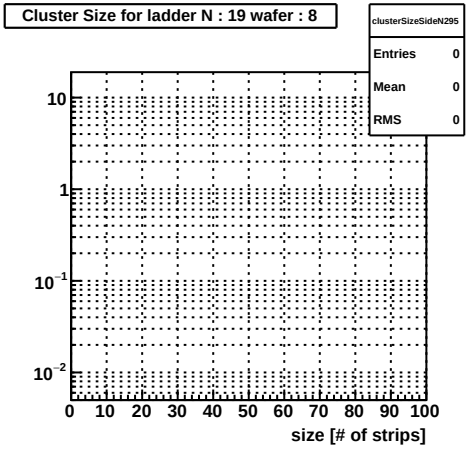

Cluster Size for ladder N : 19 wafer : 7
clusterSizeSideN294
Entries 0
Mean 0
RMS 0
size [# of strips]

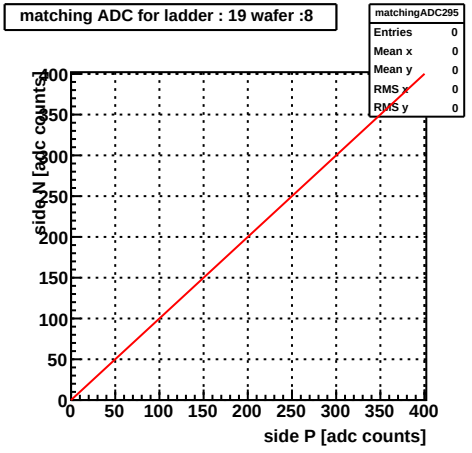

matching ADC for ladder : 19 wafer :7
matchingADC294
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

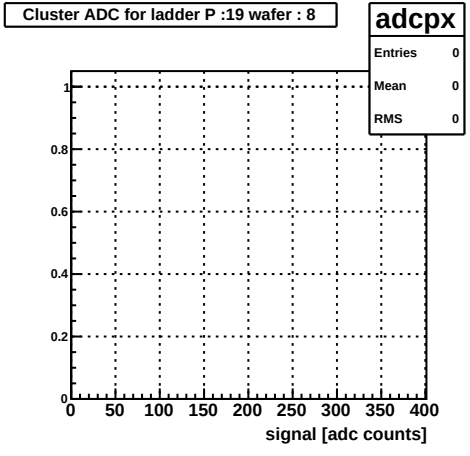

Cluster ADC for ladder P :19 wafer : 7
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

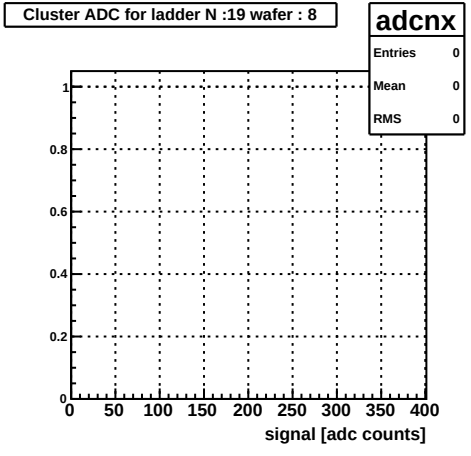

Cluster ADC for ladder N :19 wafer : 7
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

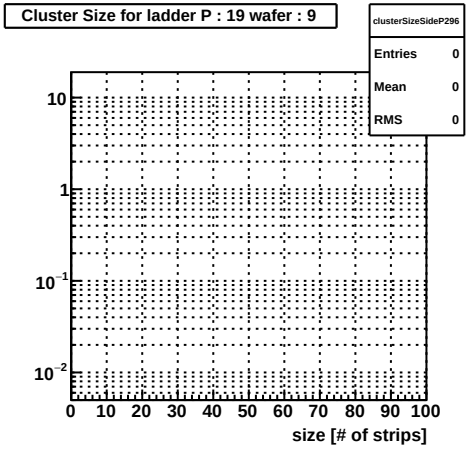

Cluster Size for ladder P : 19 wafer : 8
clusterSizeSideP295
Entries 0
Mean 0
RMS 0
size [# of strips]

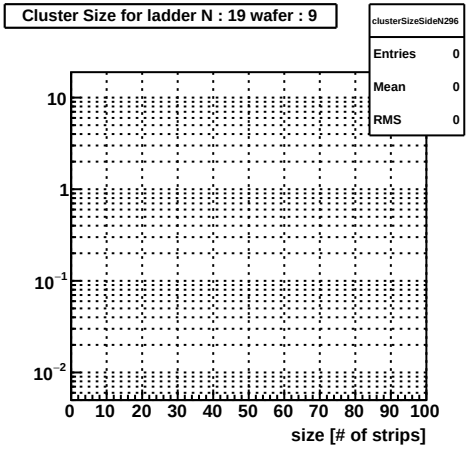

Cluster Size for ladder N : 19 wafer : 8
clusterSizeSideN295
Entries 0
Mean 0
RMS 0
size [# of strips]

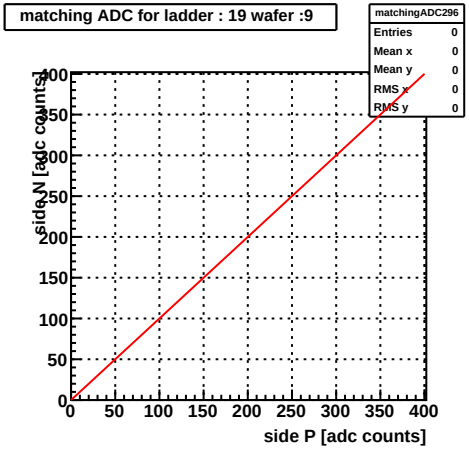

matching ADC for ladder : 19 wafer :8
matchingADC295
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

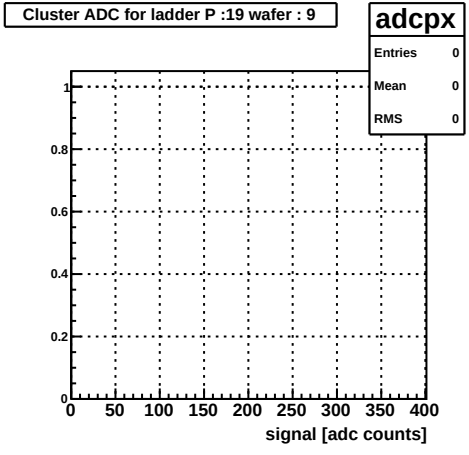

Cluster ADC for ladder P :19 wafer : 8
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

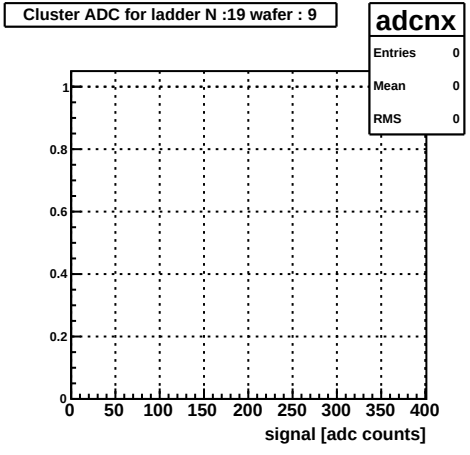

Cluster ADC for ladder N :19 wafer : 8
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

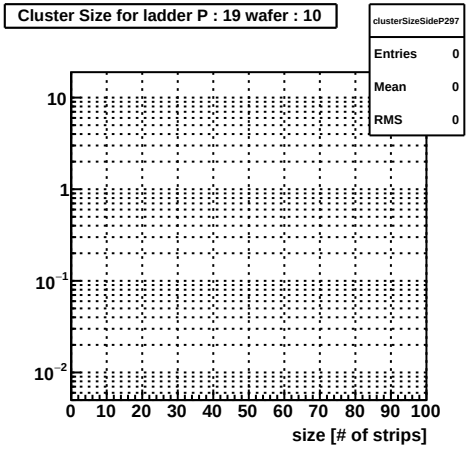

Cluster Size for ladder P : 19 wafer : 9
clusterSizeSideP296
Entries 0
Mean 0
RMS 0
size [# of strips]

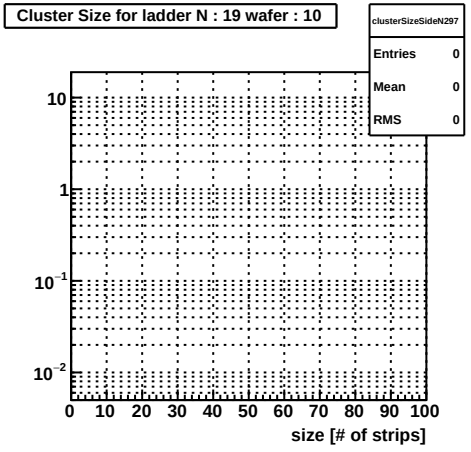

Cluster Size for ladder N : 19 wafer : 9
clusterSizeSideN296
Entries 0
Mean 0
RMS 0
size [# of strips]

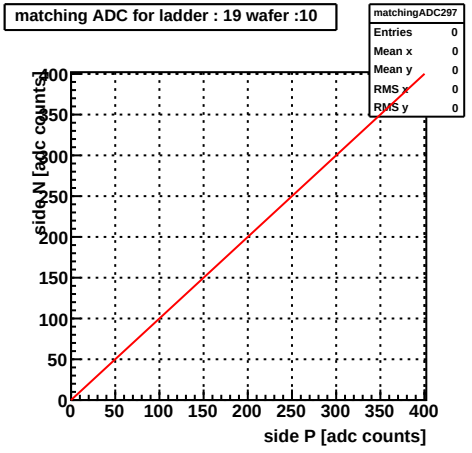

matching ADC for ladder : 19 wafer :9
matchingADC296
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

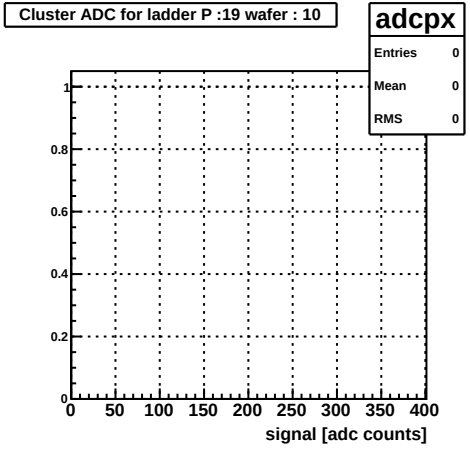

Cluster ADC for ladder P :19 wafer : 9
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

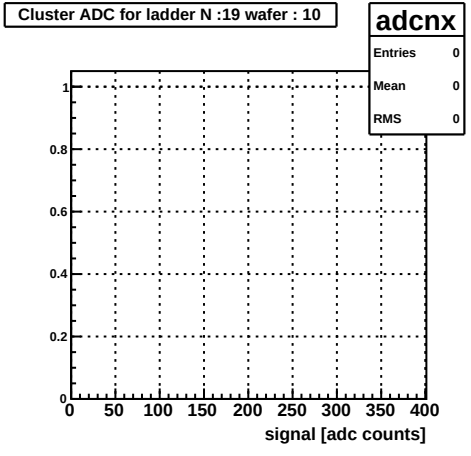

Cluster ADC for ladder N :19 wafer : 9
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

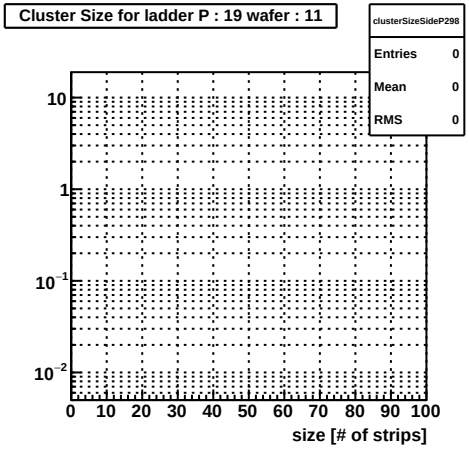

Cluster Size for ladder P : 19 wafer : 10
clusterSizeSideP297
Entries 0
Mean 0
RMS 0
size [# of strips]

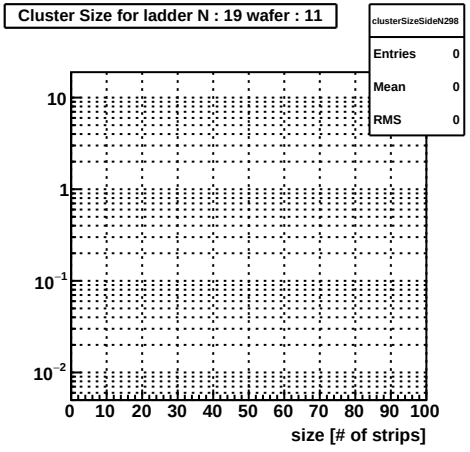

Cluster Size for ladder N : 19 wafer : 10
clusterSizeSideN297
Entries 0
Mean 0
RMS 0
size [# of strips]

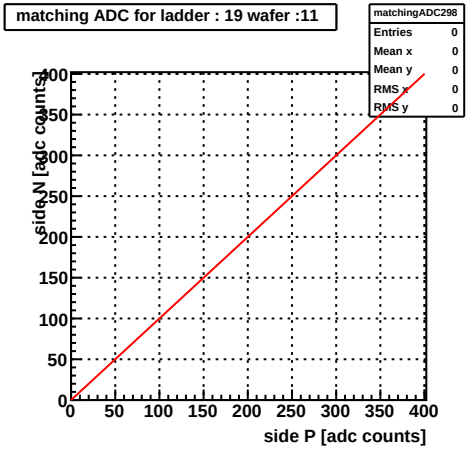

matching ADC for ladder : 19 wafer :10
matchingADC297
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

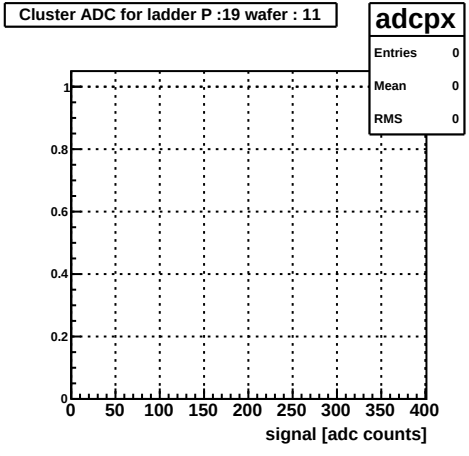

Cluster ADC for ladder P :19 wafer : 10
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

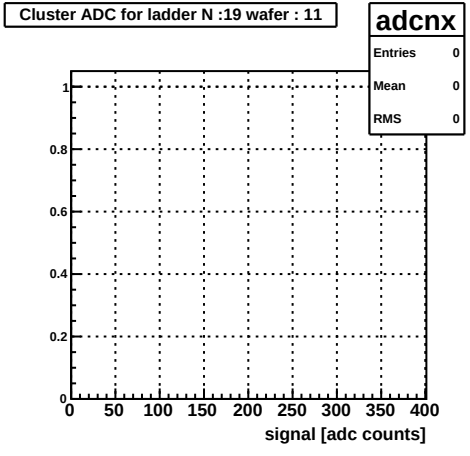

Cluster ADC for ladder N :19 wafer : 10
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

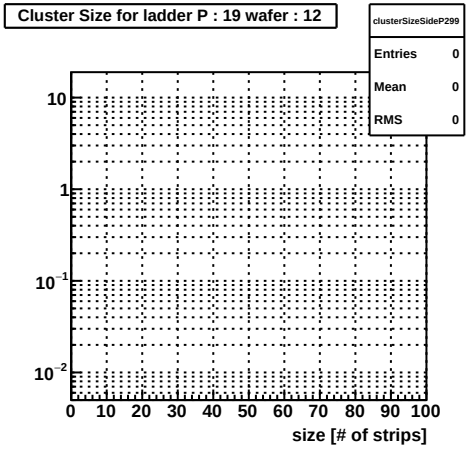

Cluster Size for ladder P : 19 wafer : 11
clusterSizeSideP298
Entries 0
Mean 0
RMS 0
size [# of strips]

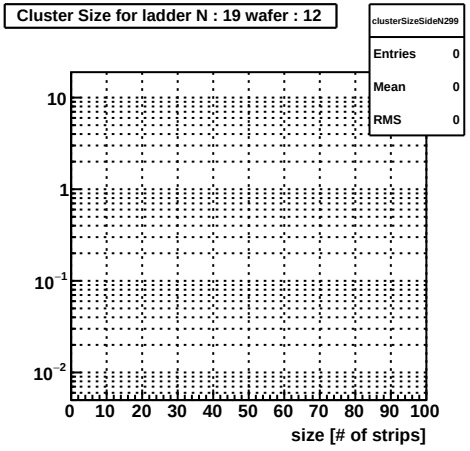

Cluster Size for ladder N : 19 wafer : 11
clusterSizeSideN298
Entries 0
Mean 0
RMS 0
size [# of strips]

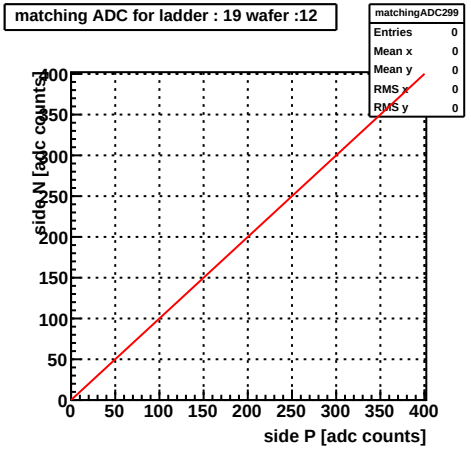

matching ADC for ladder : 19 wafer :11
matchingADC298
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

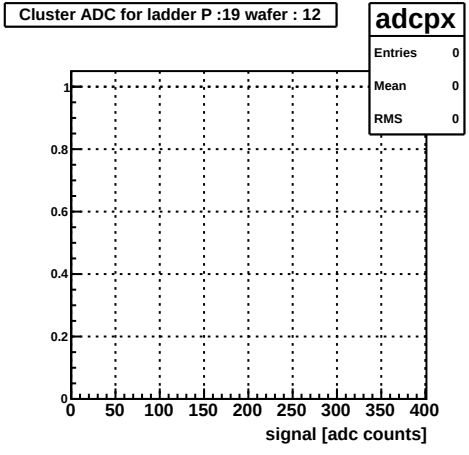

Cluster ADC for ladder P :19 wafer : 11
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

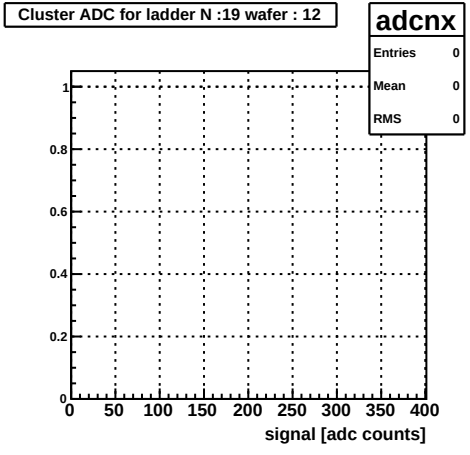

Cluster ADC for ladder N :19 wafer : 11
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

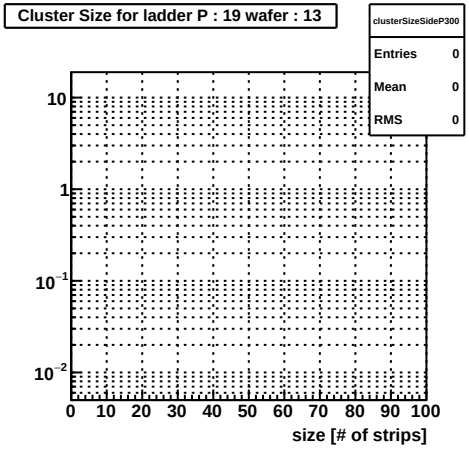

Cluster Size for ladder P : 19 wafer : 12
clusterSizeSideP299
Entries 0
Mean 0
RMS 0
size [# of strips]

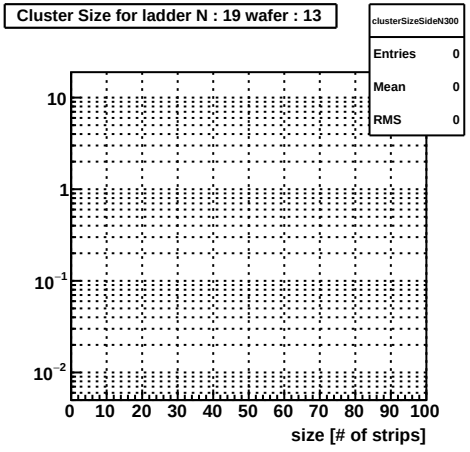

Cluster Size for ladder N : 19 wafer : 12
clusterSizeSideN299
Entries 0
Mean 0
RMS 0
size [# of strips]

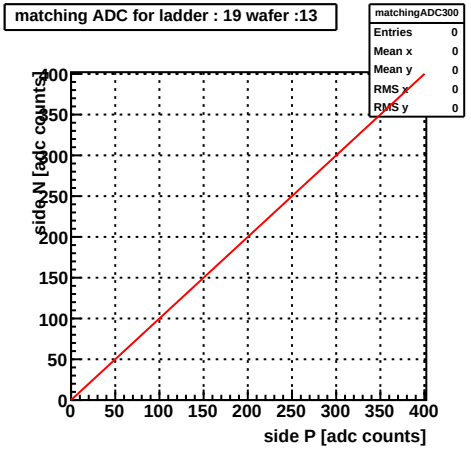

matching ADC for ladder : 19 wafer :12
matchingADC299
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

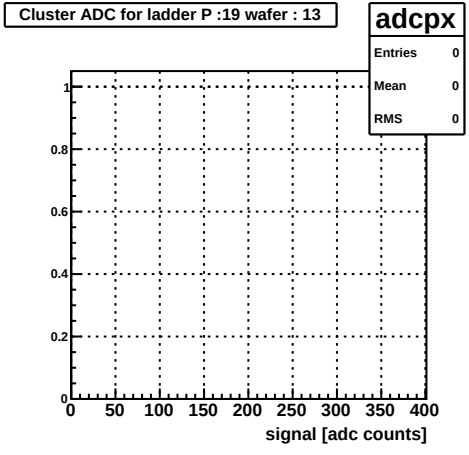

Cluster ADC for ladder P :19 wafer : 12
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

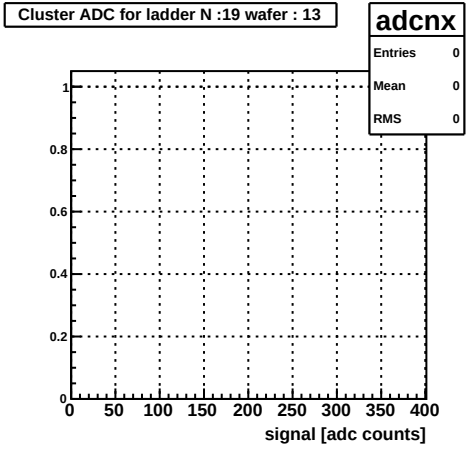

Cluster ADC for ladder N :19 wafer : 12
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

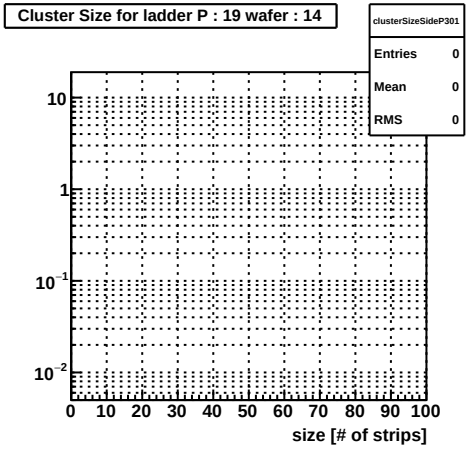

Cluster Size for ladder P : 19 wafer : 13
clusterSizeSideP300
Entries 0
Mean 0
RMS 0
size [# of strips]

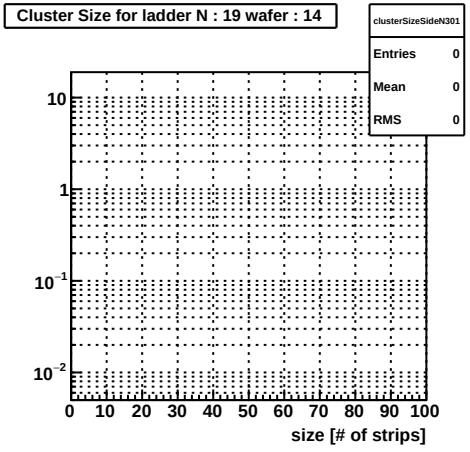

Cluster Size for ladder N : 19 wafer : 13
clusterSizeSideN300
Entries 0
Mean 0
RMS 0
size [# of strips]

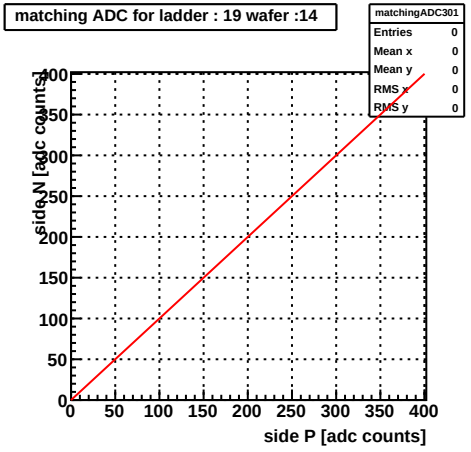

matching ADC for ladder : 19 wafer :13
matchingADC300
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

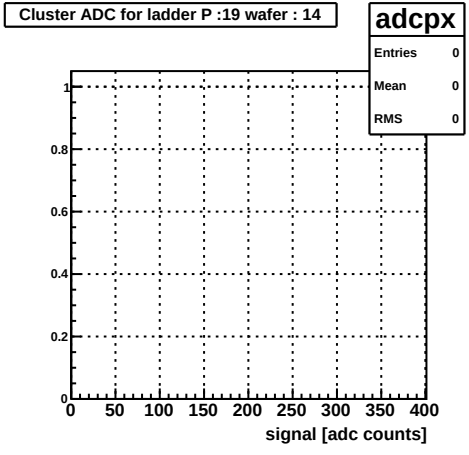

Cluster ADC for ladder P :19 wafer : 13
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

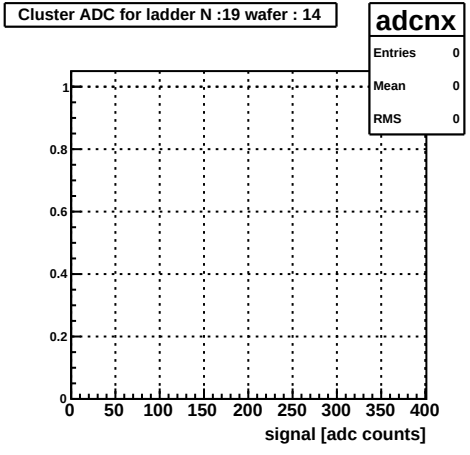

Cluster ADC for ladder N :19 wafer : 13
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

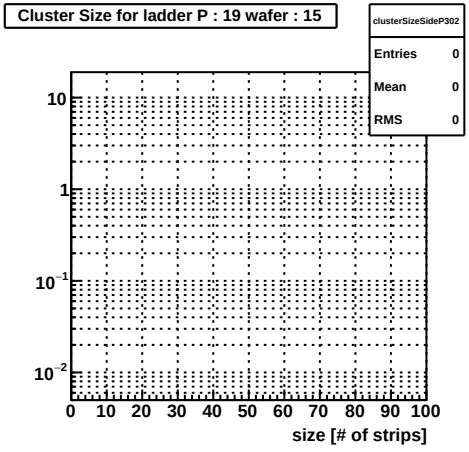

Cluster Size for ladder P : 19 wafer : 14
clusterSizeSideP301
Entries 0
Mean 0
RMS 0
size [# of strips]

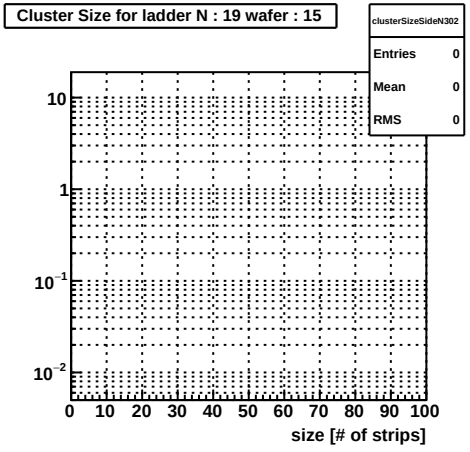

Cluster Size for ladder N : 19 wafer : 14
clusterSizeSideN301
Entries 0
Mean 0
RMS 0
size [# of strips]

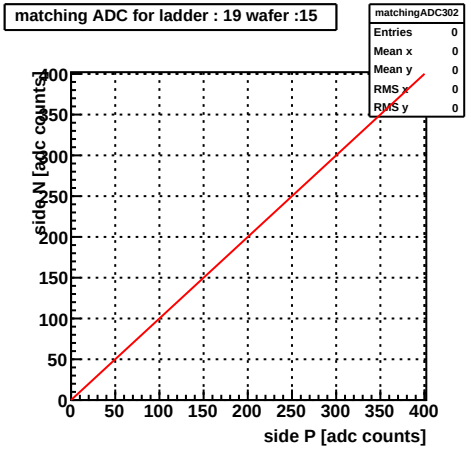

matching ADC for ladder : 19 wafer :14
matchingADC301
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

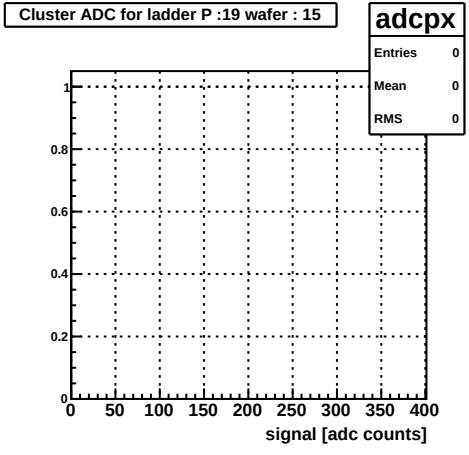

Cluster ADC for ladder P :19 wafer : 14
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

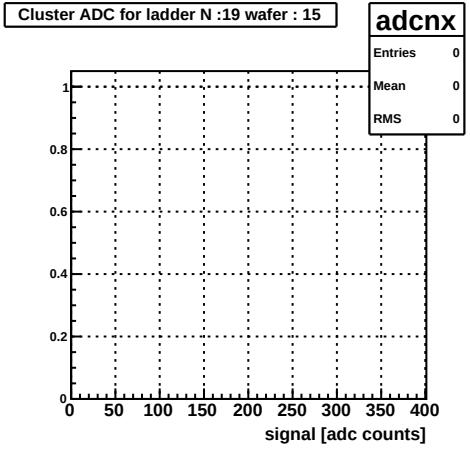

Cluster ADC for ladder N :19 wafer : 14
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

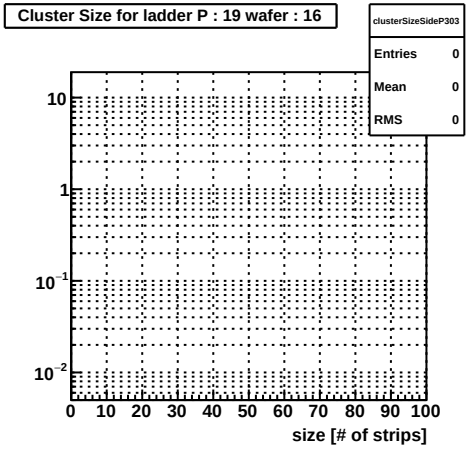

Cluster Size for ladder P : 19 wafer : 15
clusterSizeSideP302
Entries 0
Mean 0
RMS 0
size [# of strips]

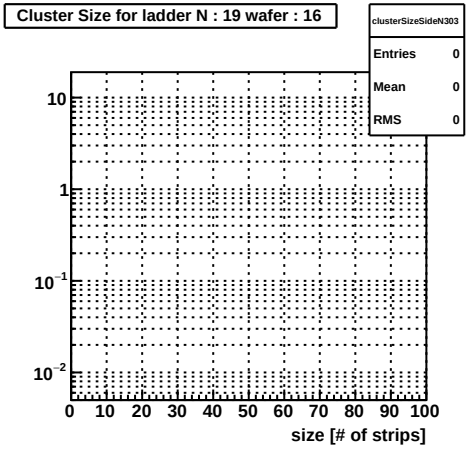

Cluster Size for ladder N : 19 wafer : 15
clusterSizeSideN302
Entries 0
Mean 0
RMS 0
size [# of strips]

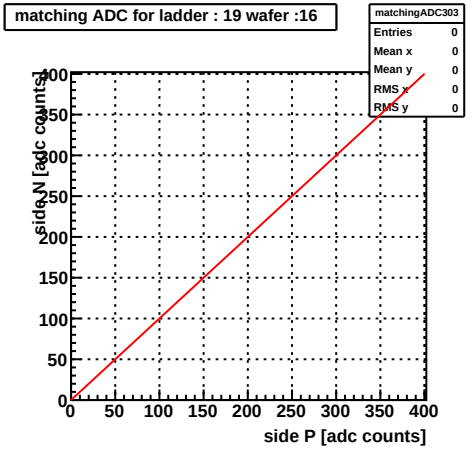

matching ADC for ladder : 19 wafer :15
matchingADC302
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

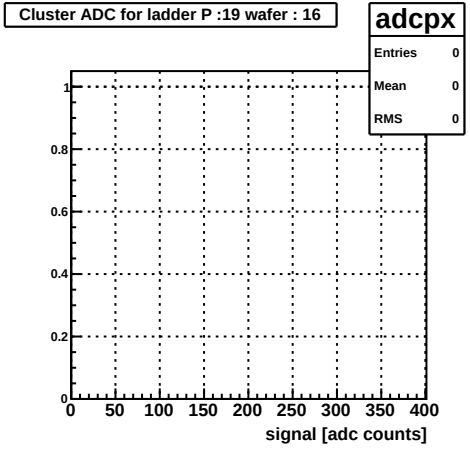

Cluster ADC for ladder P :19 wafer : 15
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

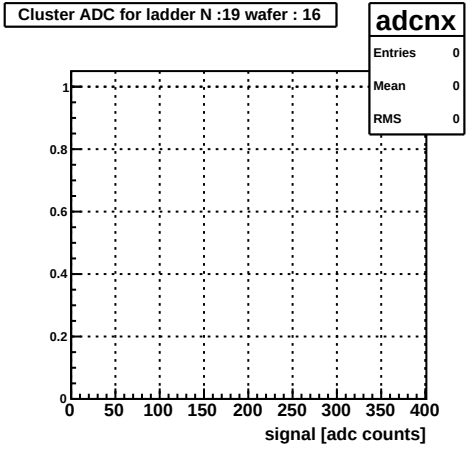

Cluster ADC for ladder N :19 wafer : 15
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

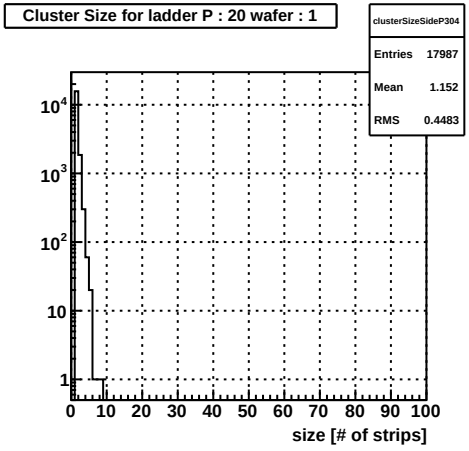

Cluster Size for ladder P : 19 wafer : 16
clusterSizeSideP303
Entries 0
Mean 0
RMS 0
size [# of strips]

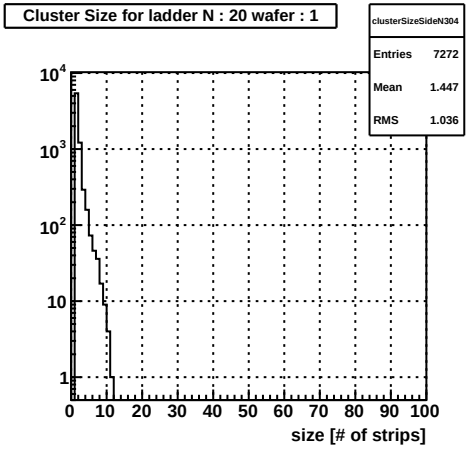

Cluster Size for ladder N : 19 wafer : 16
clusterSizeSideN303
Entries 0
Mean 0
RMS 0
size [# of strips]

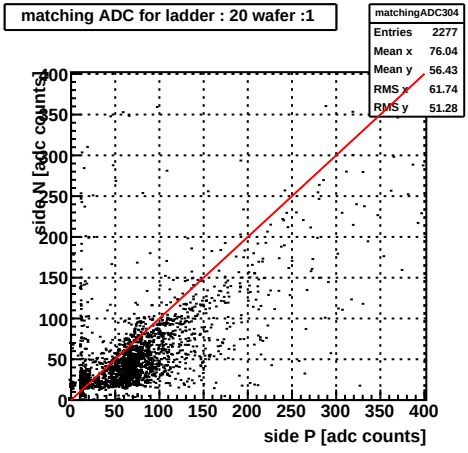

matching ADC for ladder : 19 wafer :16
matchingADC303
Entries 0
Mean x 0
Mean y 0
RMS x 0
RMS y 0
side N [adc counts]
side P [adc counts]

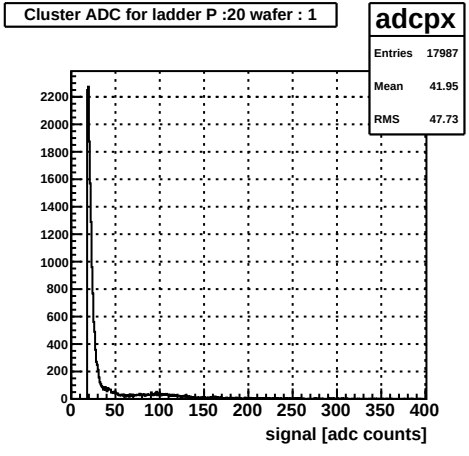

Cluster ADC for ladder P :19 wafer : 16
adcpx
Entries 0
Mean 0
RMS 0
signal [adc counts]

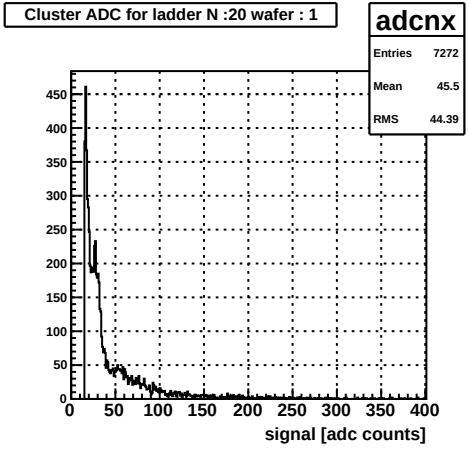

Cluster ADC for ladder N :19 wafer : 16
adcnx
Entries 0
Mean 0
RMS 0
signal [adc counts]

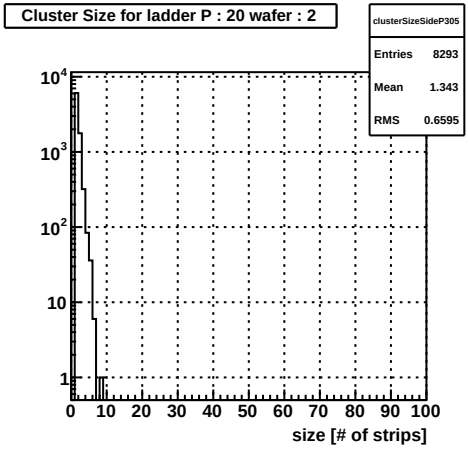

Cluster Size for ladder P : 20 wafer : 1
clusterSizeSideP304
Entries 17987
Mean 1.152
RMS 0.4483
size [# of strips]

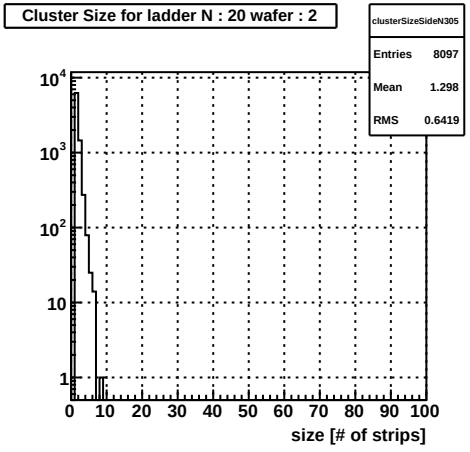

Cluster Size for ladder N : 20 wafer : 1
clusterSizeSideN304
Entries 7272
Mean 1.447
RMS 1.036
size [# of strips]

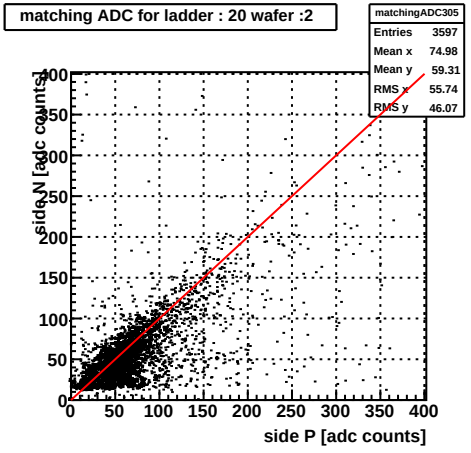

matching ADC for ladder : 20 wafer :1
matchingADC304
Entries 2277
Mean x 76.04
Mean y 56.43
RMS x 61.74
RMS y 51.28
side N [adc counts]
side P [adc counts]

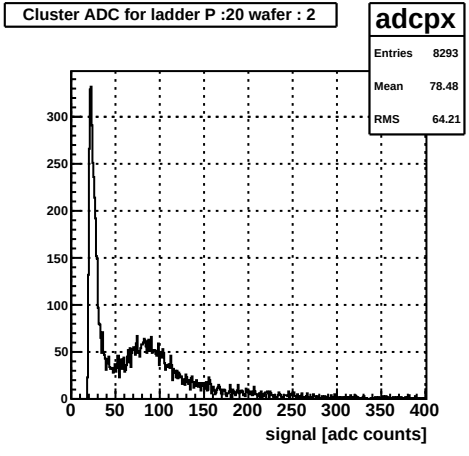

Cluster ADC for ladder P :20 wafer : 1
adcpx
Entries 17987
Mean 41.95
RMS 47.73
signal [adc counts]

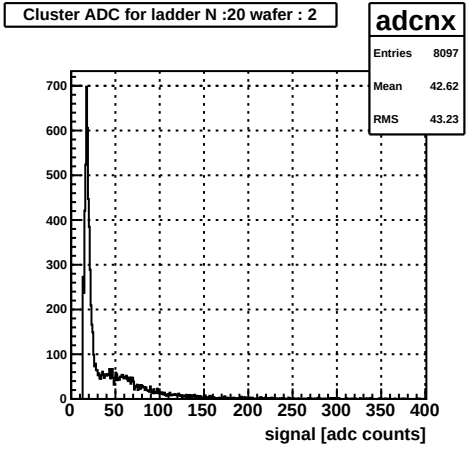

Cluster ADC for ladder N :20 wafer : 1
adcnx
Entries 7272
Mean 45.5
RMS 44.39
signal [adc counts]

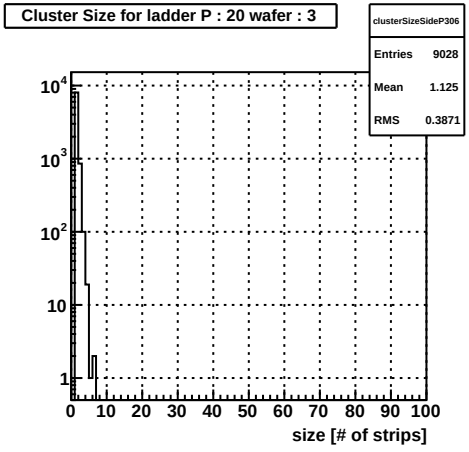

Cluster Size for ladder P : 20 wafer : 2
clusterSizeSideP305
Entries 8293
Mean 1.343
RMS 0.6595
size [# of strips]

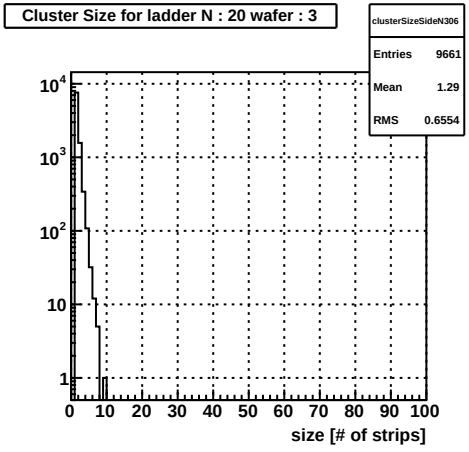

Cluster Size for ladder N : 20 wafer : 2
clusterSizeSideN305
Entries 8097
Mean 1.298
RMS 0.6419
size [# of strips]

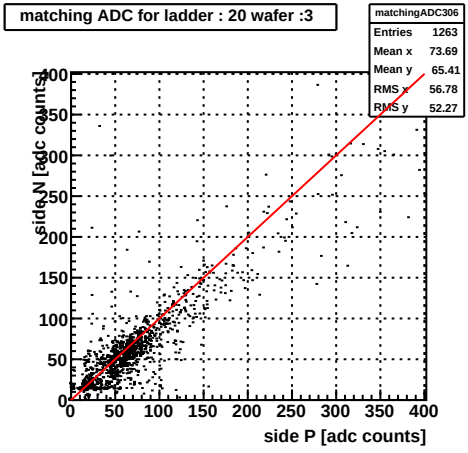

matching ADC for ladder : 20 wafer :2
matchingADC305
Entries 3597
Mean x 74.98
Mean y 59.31
RMS x 55.74
RMS y 46.07
side N [adc counts]
side P [adc counts]

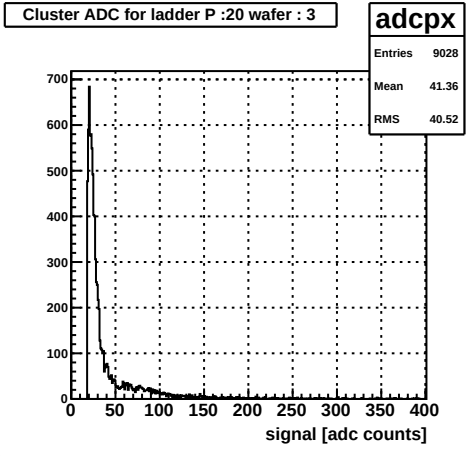

Cluster ADC for ladder P :20 wafer : 2
adcpx
Entries 8293
Mean 78.48
RMS 64.21
signal [adc counts]

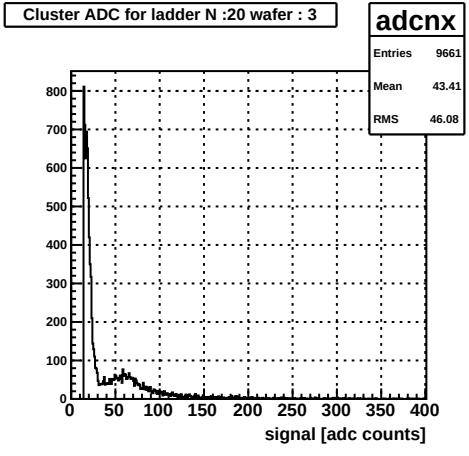

Cluster ADC for ladder N :20 wafer : 2
adcnx
Entries 8097
Mean 42.62
RMS 43.23
signal [adc counts]

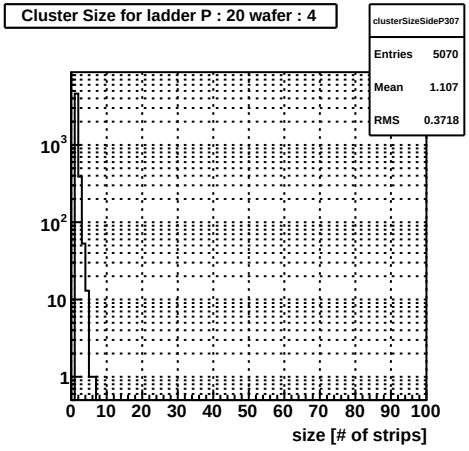

Cluster Size for ladder P : 20 wafer : 3
clusterSizeSideP306
Entries 9028
Mean 1.125
RMS 0.3871
size [# of strips]

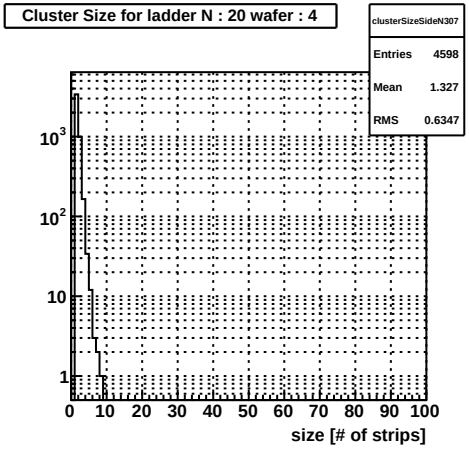

Cluster Size for ladder N : 20 wafer : 3
clusterSizeSideN306
Entries 9661
Mean 1.29
RMS 0.6554
size [# of strips]

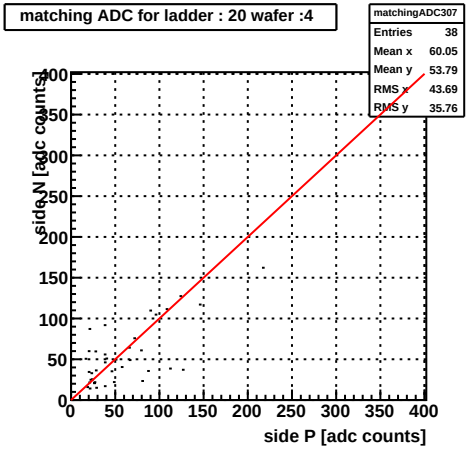

matching ADC for ladder : 20 wafer :3
matchingADC306
Entries 1263
Mean x 73.69
Mean y 65.41
RMS x 56.78
RMS y 52.27
side N [adc counts]
side P [adc counts]

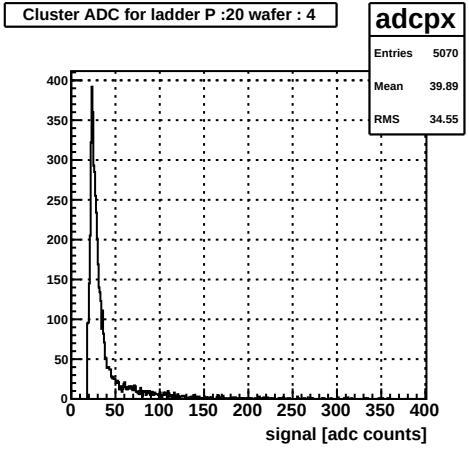

Cluster ADC for ladder P :20 wafer : 3
adcpx
Entries 9028
Mean 41.36
RMS 40.52
signal [adc counts]

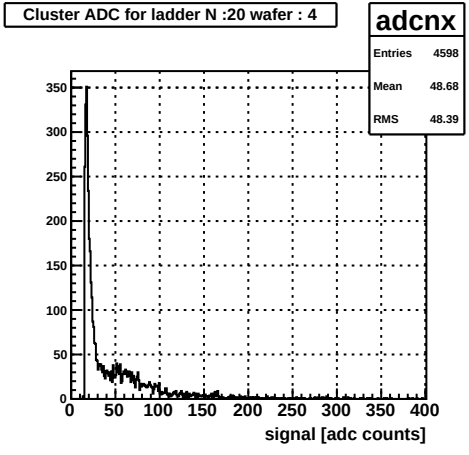

Cluster ADC for ladder N :20 wafer : 3
adcnx
Entries 9661
Mean 43.41
RMS 46.08
signal [adc counts]

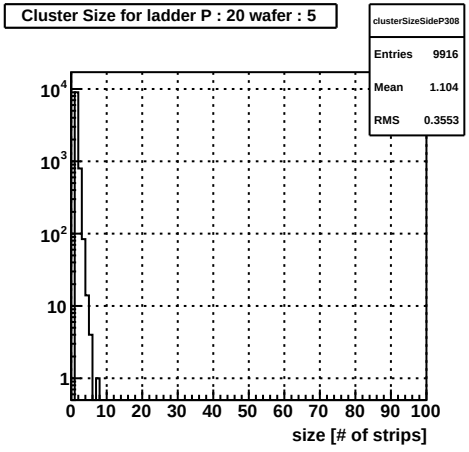

Cluster Size for ladder P : 20 wafer : 4
clusterSizeSideP307
Entries 5070
Mean 1.107
RMS 0.3718
size [# of strips]

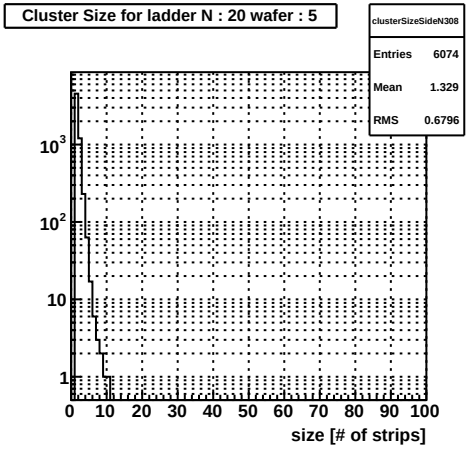

Cluster Size for ladder N : 20 wafer : 4
clusterSizeSideN307
Entries 4598
Mean 1.327
RMS 0.6347
size [# of strips]

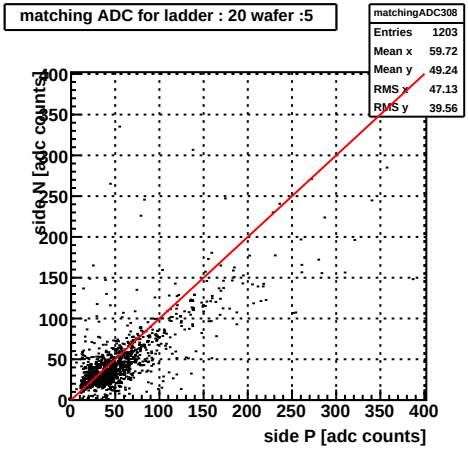

matching ADC for ladder : 20 wafer :4
matchingADC307
Entries 38
Mean x 60.05
Mean y 53.79
RMS x 43.69
RMS y 35.76
side N [adc counts]
side P [adc counts]

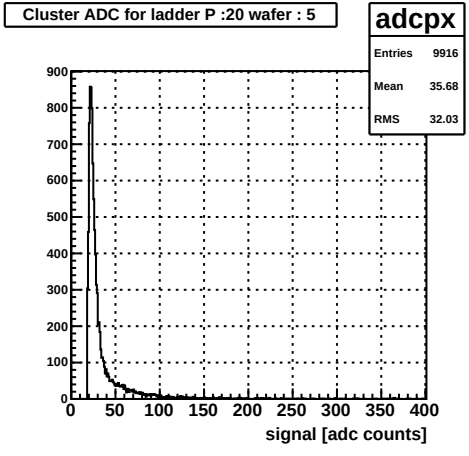

Cluster ADC for ladder P :20 wafer : 4
adcpx
Entries 5070
Mean 39.89
RMS 34.55
signal [adc counts]

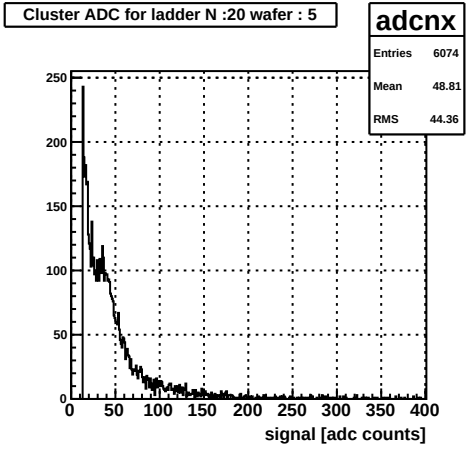

Cluster ADC for ladder N :20 wafer : 4
adcnx
Entries 4598
Mean 48.68
RMS 48.39
signal [adc counts]

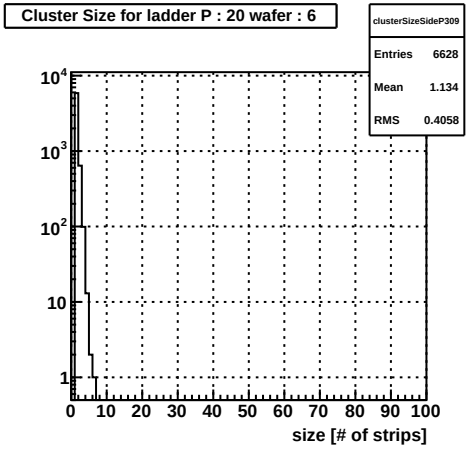

Cluster Size for ladder P : 20 wafer : 5
clusterSizeSideP308
Entries 9916
Mean 1.104
RMS 0.3553
size [# of strips]

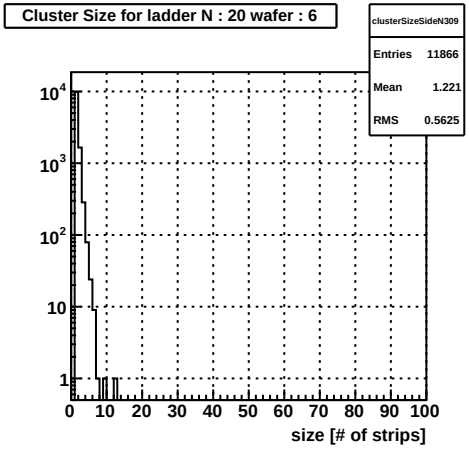

Cluster Size for ladder N : 20 wafer : 5
clusterSizeSideN308
Entries 6074
Mean 1.329
RMS 0.6796
size [# of strips]

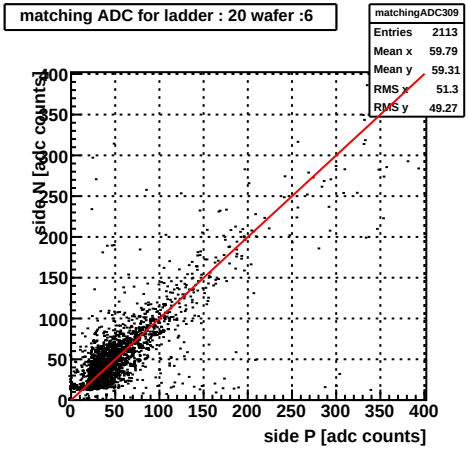

matching ADC for ladder : 20 wafer :5
matchingADC308
Entries 1203
Mean x 59.72
Mean y 49.24
RMS x 47.13
RMS y 39.56
side N [adc counts]
side P [adc counts]

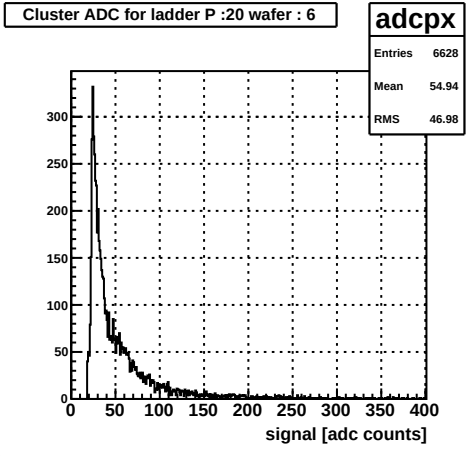

Cluster ADC for ladder P :20 wafer : 5
adcpx
Entries 9916
Mean 35.68
RMS 32.03
signal [adc counts]

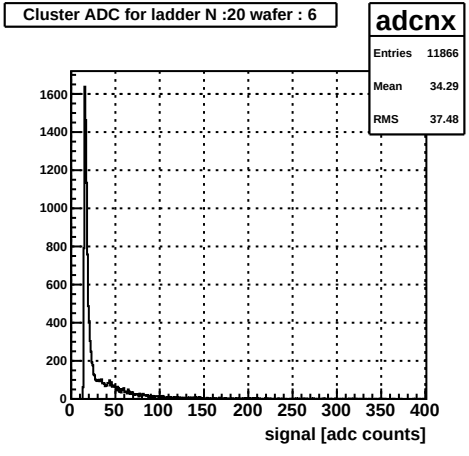

Cluster ADC for ladder N :20 wafer : 5
adcnx
Entries 6074
Mean 48.81
RMS 44.36
signal [adc counts]

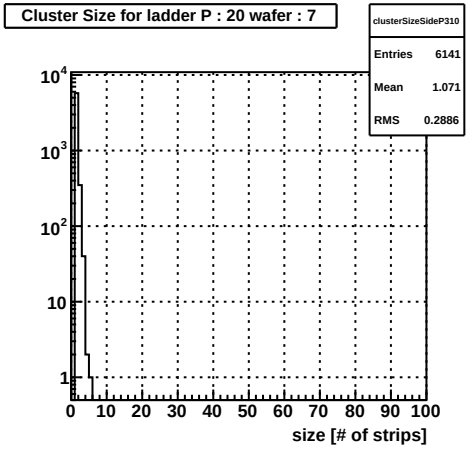

Cluster Size for ladder P : 20 wafer : 6
clusterSizeSideP309
Entries 6628
Mean 1.134
RMS 0.4058
size [# of strips]

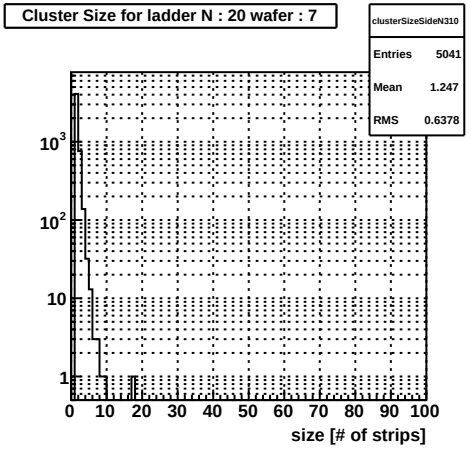

Cluster Size for ladder N : 20 wafer : 6
clusterSizeSideN309
Entries 11866
Mean 1.221
RMS 0.5625
size [# of strips]

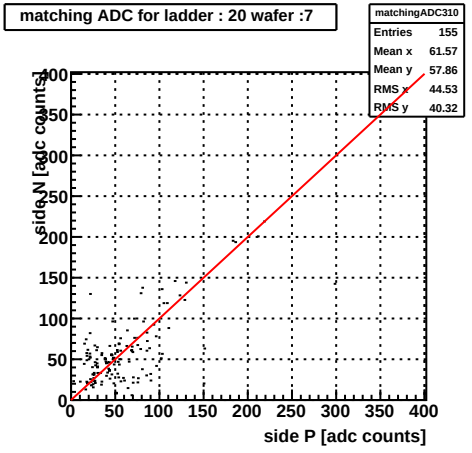

matching ADC for ladder : 20 wafer :6
matchingADC309
Entries 2113
Mean x 59.79
Mean y 59.31
RMS x 51.3
RMS y 49.27
side N [adc counts]
side P [adc counts]

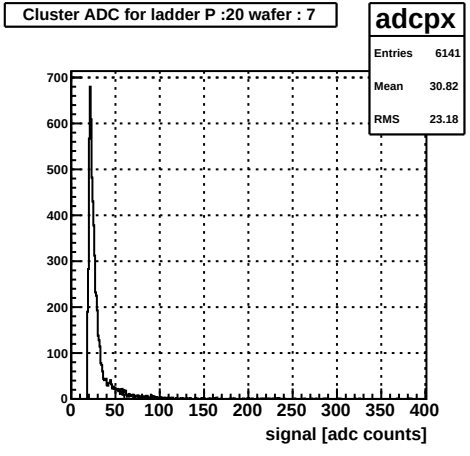

Cluster ADC for ladder P :20 wafer : 6
adcpx
Entries 6628
Mean 54.94
RMS 46.98
signal [adc counts]

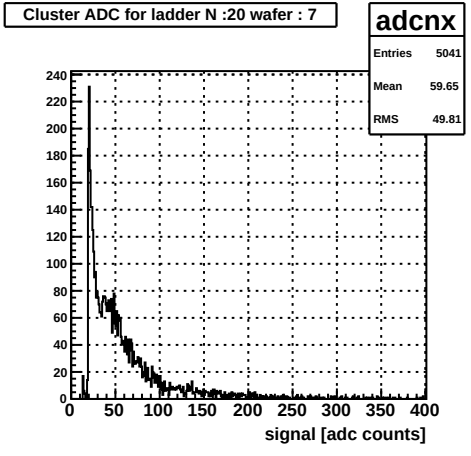

Cluster ADC for ladder N :20 wafer : 6
adcnx
Entries 11866
Mean 34.29
RMS 37.48
signal [adc counts]

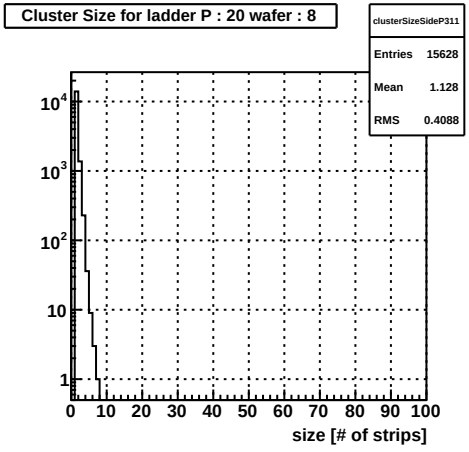

Cluster Size for ladder P : 20 wafer : 7
clusterSizeSideP310
Entries 6141
Mean 1.071
RMS 0.2886
size [# of strips]

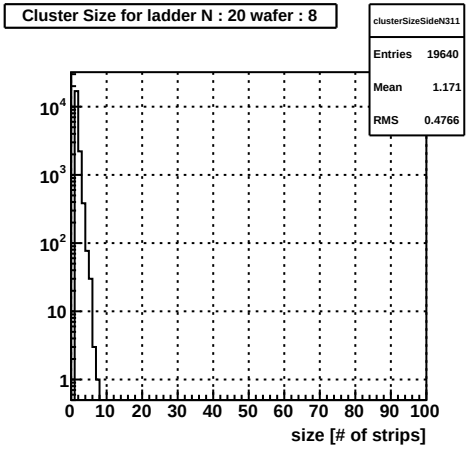

Cluster Size for ladder N : 20 wafer : 7
clusterSizeSideN310
Entries 5041
Mean 1.247
RMS 0.6378
size [# of strips]

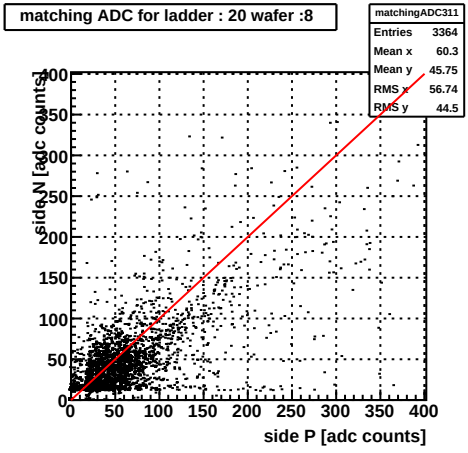

matching ADC for ladder : 20 wafer :7
matchingADC310
Entries 155
Mean x 61.57
Mean y 57.86
RMS x 44.53
RMS y 40.32
side N [adc counts]
side P [adc counts]

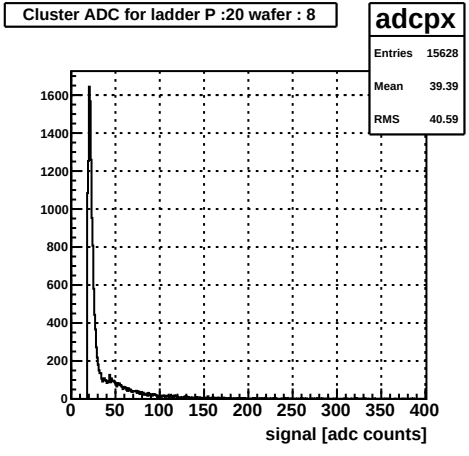

Cluster ADC for ladder P :20 wafer : 7
adcpx
Entries 6141
Mean 30.82
RMS 23.18
signal [adc counts]

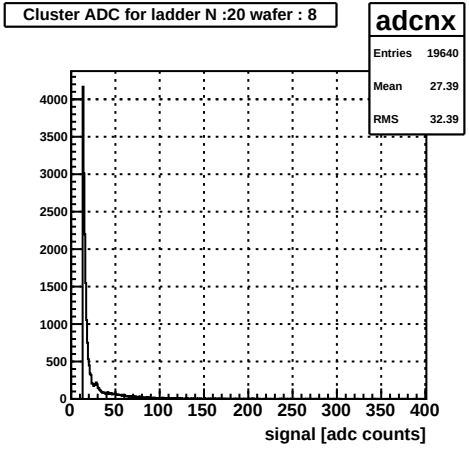

Cluster ADC for ladder N :20 wafer : 7
adcnx
Entries 5041
Mean 59.65
RMS 49.81
signal [adc counts]

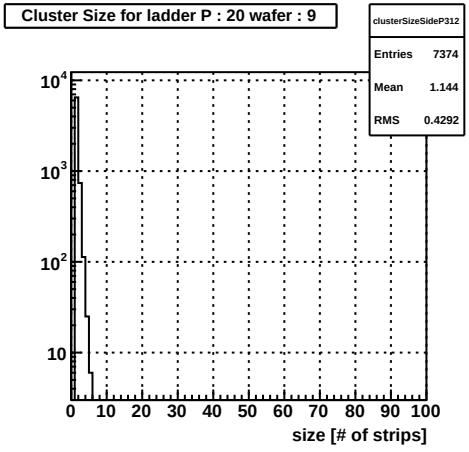

Cluster Size for ladder P : 20 wafer : 8
clusterSizeSideP311
Entries 15628
Mean 1.128
RMS 0.4088
size [# of strips]

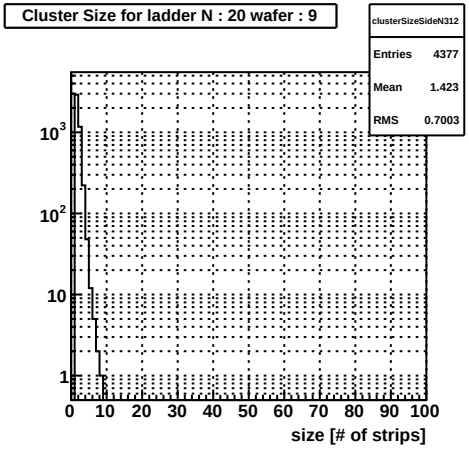

Cluster Size for ladder N : 20 wafer : 8
clusterSizeSideN311
Entries 19640
Mean 1.171
RMS 0.4766
size [# of strips]

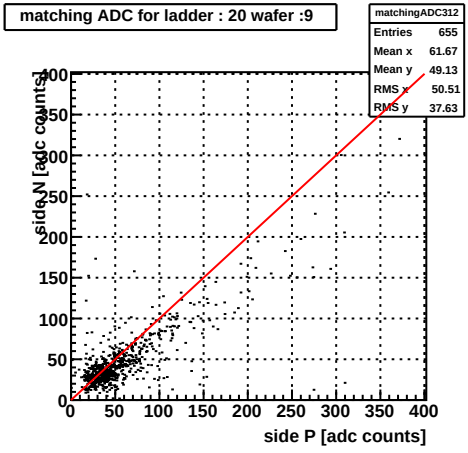

matching ADC for ladder : 20 wafer :8
matchingADC311
Entries 3364
Mean x 60.3
Mean y 45.75
RMS x 56.74
RMS y 44.5
side N [adc counts]
side P [adc counts]

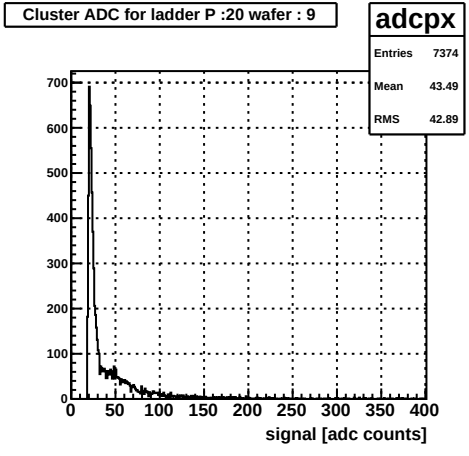

Cluster ADC for ladder P :20 wafer : 8
adcpx
Entries 15628
Mean 39.39
RMS 40.59
signal [adc counts]

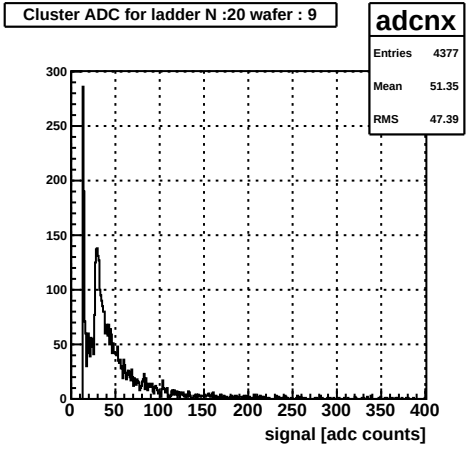

Cluster ADC for ladder N :20 wafer : 8
adcnx
Entries 19640
Mean 27.39
RMS 32.39
signal [adc counts]

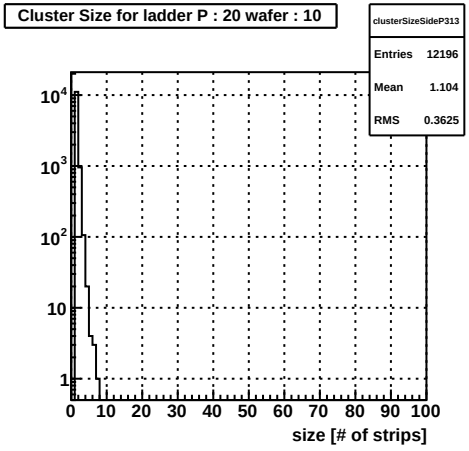

Cluster Size for ladder P : 20 wafer : 9
clusterSizeSideP312
Entries 7374
Mean 1.144
RMS 0.4292
size [# of strips]

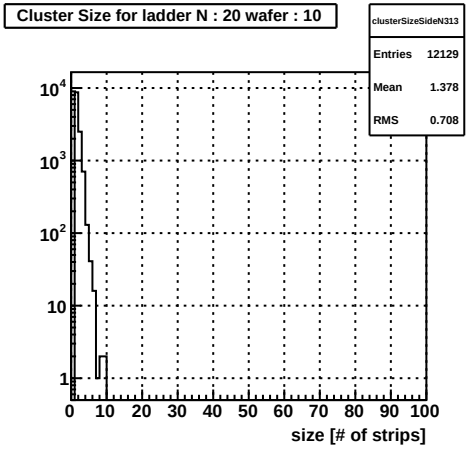

Cluster Size for ladder N : 20 wafer : 9
clusterSizeSideN312
Entries 4377
Mean 1.423
RMS 0.7003
size [# of strips]

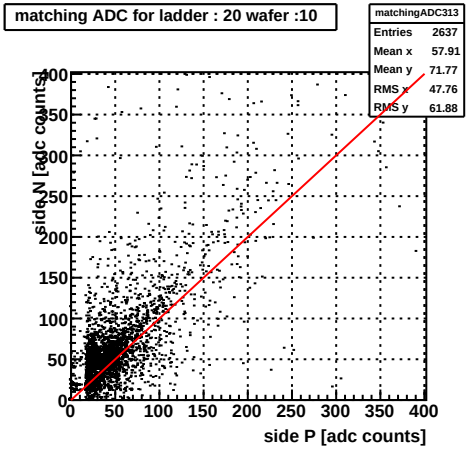

matching ADC for ladder : 20 wafer :9
matchingADC312
Entries 655
Mean x 61.67
Mean y 49.13
RMS x 50.51
RMS y 37.63
side N [adc counts]
side P [adc counts]

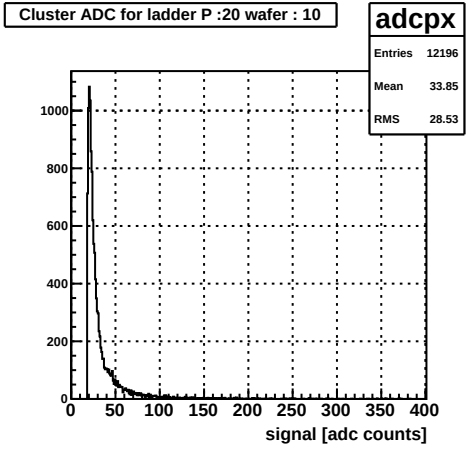

Cluster ADC for ladder P :20 wafer : 9
adcpx
Entries 7374
Mean 43.49
RMS 42.89
signal [adc counts]

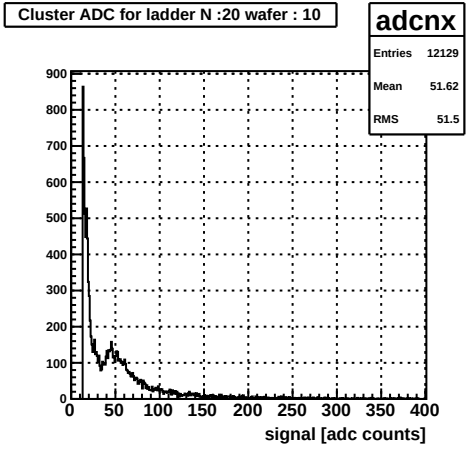

Cluster ADC for ladder N :20 wafer : 9
adcnx
Entries 4377
Mean 51.35
RMS 47.39
signal [adc counts]

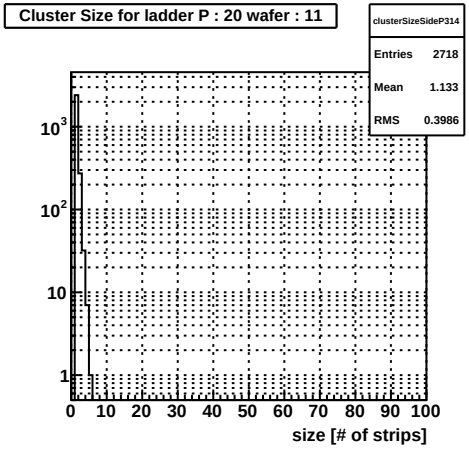

Cluster Size for ladder P : 20 wafer : 10
clusterSizeSideP313
Entries 12196
Mean 1.104
RMS 0.3625
size [# of strips]

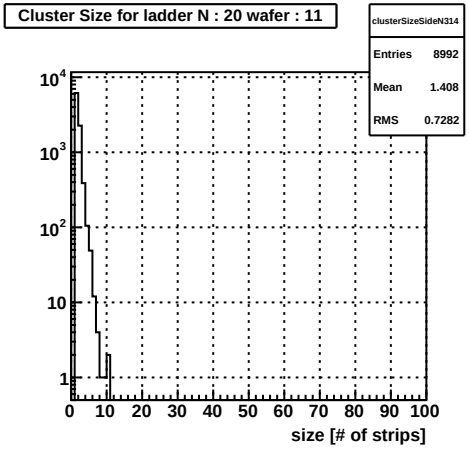

Cluster Size for ladder N : 20 wafer : 10
clusterSizeSideN313
Entries 12129
Mean 1.378
RMS 0.708
size [# of strips]

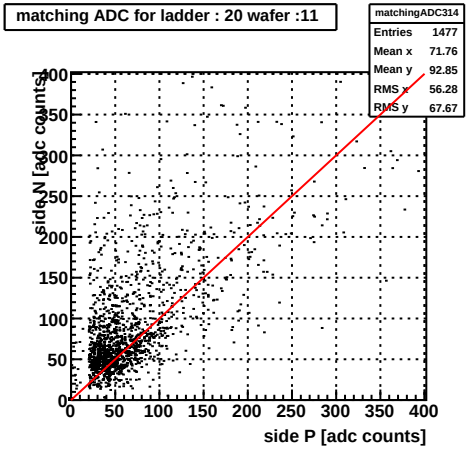

matching ADC for ladder : 20 wafer :10
matchingADC313
Entries 2637
Mean x 57.91
Mean y 71.77
RMS x 47.76
RMS y 61.88
side N [adc counts]
side P [adc counts]

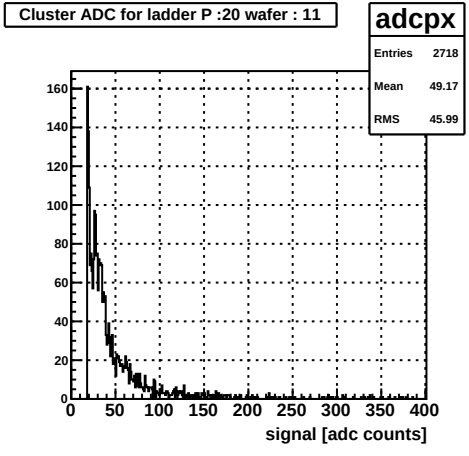

Cluster ADC for ladder P :20 wafer : 10
adcpx
Entries 12196
Mean 33.85
RMS 28.53
signal [adc counts]

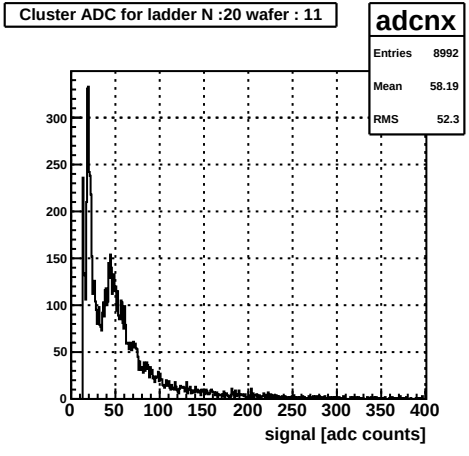

Cluster ADC for ladder N :20 wafer : 10
adcnx
Entries 12129
Mean 51.62
RMS 51.5
signal [adc counts]

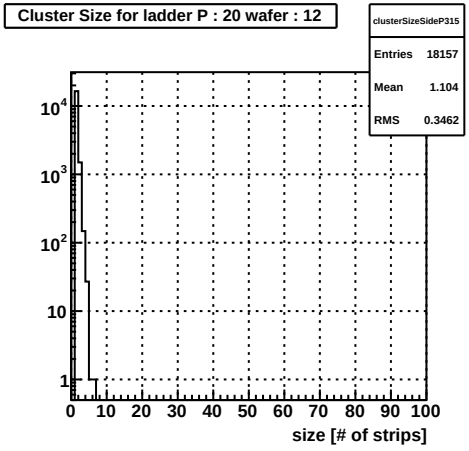

Cluster Size for ladder P : 20 wafer : 11
clusterSizeSideP314
Entries 2718
Mean 1.133
RMS 0.3986
size [# of strips]

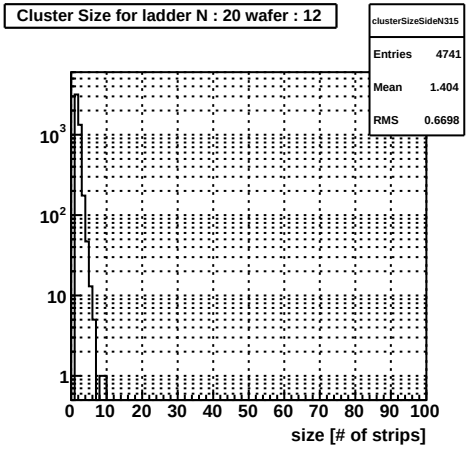

Cluster Size for ladder N : 20 wafer : 11
clusterSizeSideN314
Entries 8992
Mean 1.408
RMS 0.7282
size [# of strips]

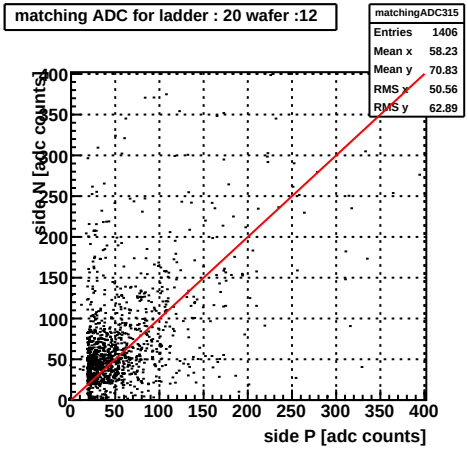

matching ADC for ladder : 20 wafer :11
matchingADC314
Entries 1477
Mean x 71.76
Mean y 92.85
RMS x 56.28
RMS y 67.67
side N [adc counts]
side P [adc counts]

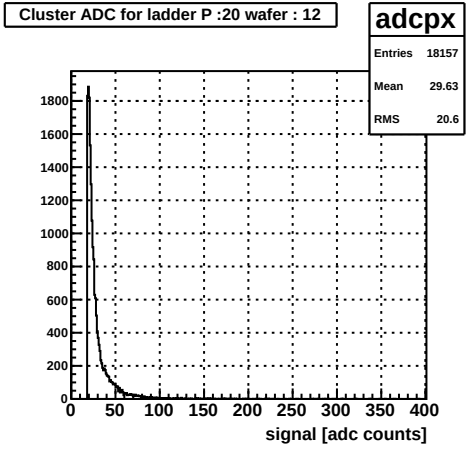

Cluster ADC for ladder P :20 wafer : 11
adcpx
Entries 2718
Mean 49.17
RMS 45.99
signal [adc counts]

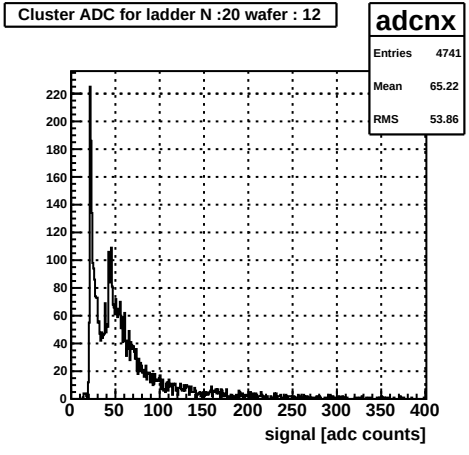

Cluster ADC for ladder N :20 wafer : 11
adcnx
Entries 8992
Mean 58.19
RMS 52.3
signal [adc counts]

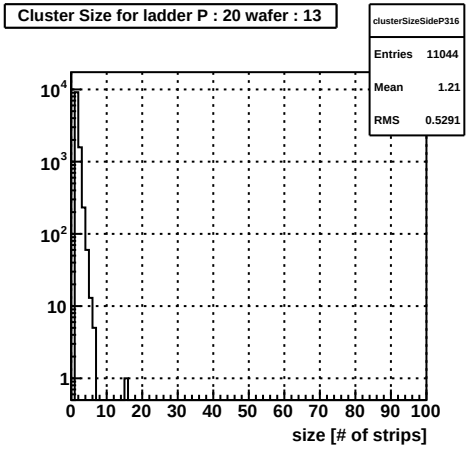

Cluster Size for ladder P : 20 wafer : 12
clusterSizeSideP315
Entries 18157
Mean 1.104
RMS 0.3462
size [# of strips]

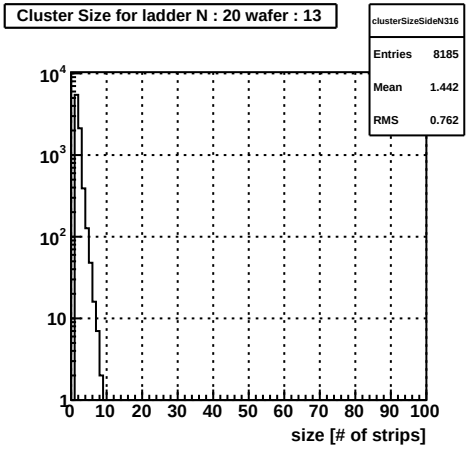

Cluster Size for ladder N : 20 wafer : 12
clusterSizeSideN315
Entries 4741
Mean 1.404
RMS 0.6698
size [# of strips]

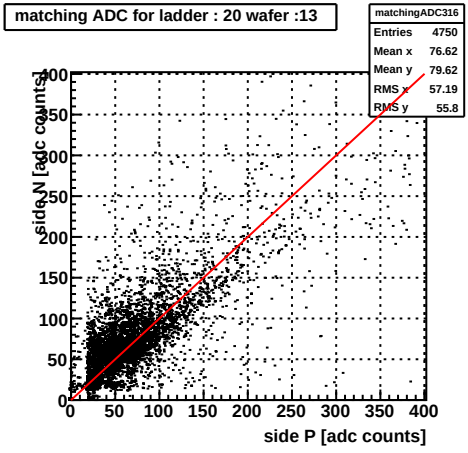

matching ADC for ladder : 20 wafer :12
matchingADC315
Entries 1406
Mean x 58.23
Mean y 70.83
RMS x 50.56
RMS y 62.89
side N [adc counts]
side P [adc counts]

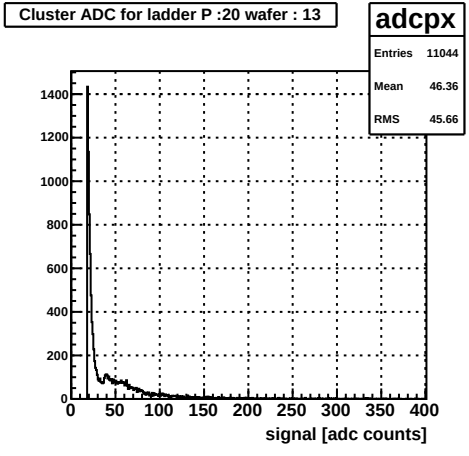

Cluster ADC for ladder P :20 wafer : 12
adcpx
Entries 18157
Mean 29.63
RMS 20.6
signal [adc counts]

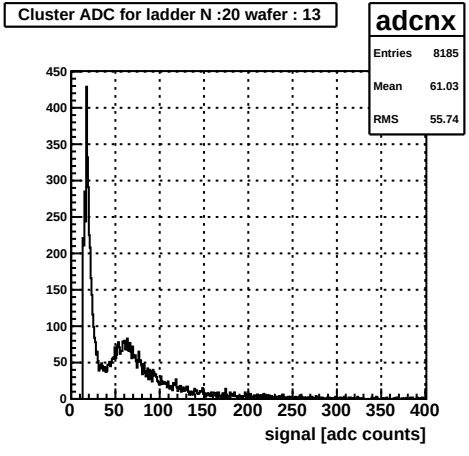

Cluster ADC for ladder N :20 wafer : 12
adcnx
Entries 4741
Mean 65.22
RMS 53.86
signal [adc counts]

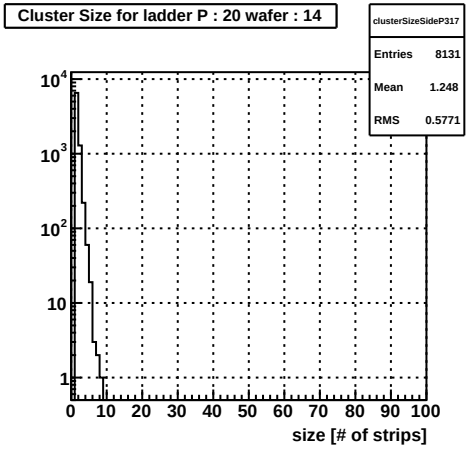

Cluster Size for ladder P : 20 wafer : 13
clusterSizeSideP316
Entries 11044
Mean 1.21
RMS 0.5291
size [# of strips]

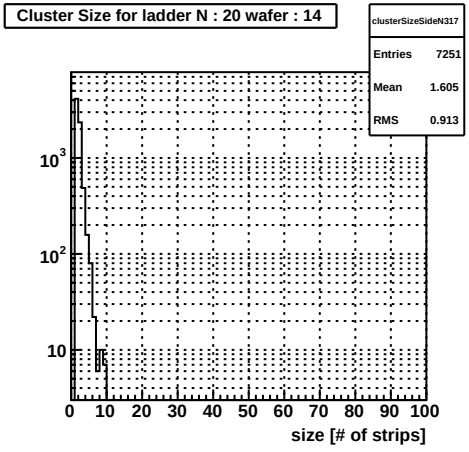

Cluster Size for ladder N : 20 wafer : 13
clusterSizeSideN316
Entries 8185
Mean 1.442
RMS 0.762
size [# of strips]

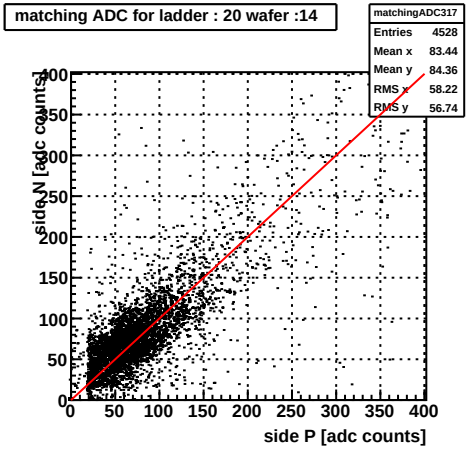

matching ADC for ladder : 20 wafer :13
matchingADC316
Entries 4750
Mean x 76.62
Mean y 79.62
RMS x 57.19
RMS y 55.8
side N [adc counts]
side P [adc counts]

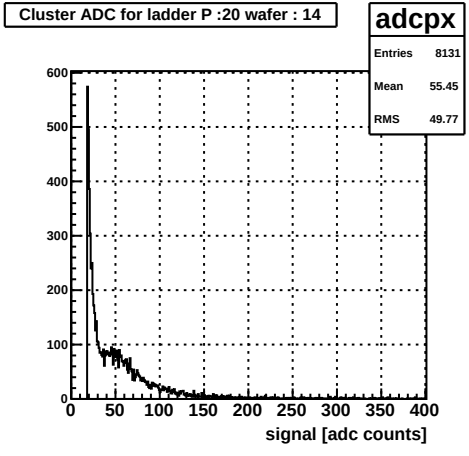

Cluster ADC for ladder P :20 wafer : 13
adcpx
Entries 11044
Mean 46.36
RMS 45.66
signal [adc counts]

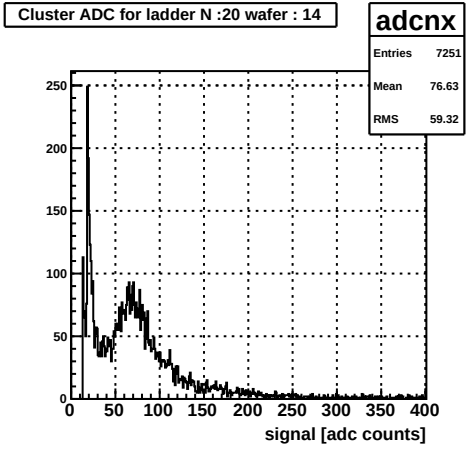

Cluster ADC for ladder N :20 wafer : 13
adcnx
Entries 8185
Mean 61.03
RMS 55.74
signal [adc counts]

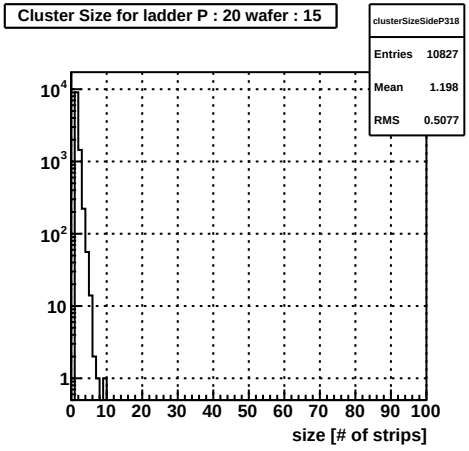

Cluster Size for ladder P : 20 wafer : 14
clusterSizeSideP317
Entries 8131
Mean 1.248
RMS 0.5771
size [# of strips]

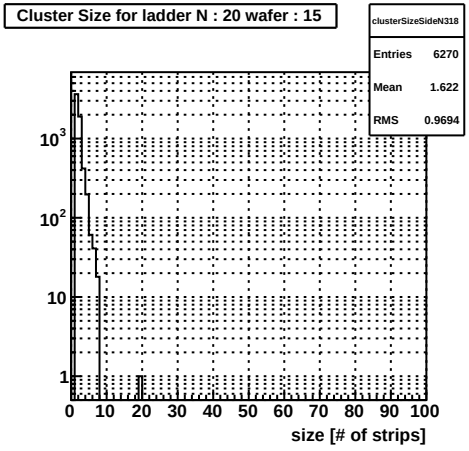

Cluster Size for ladder N : 20 wafer : 14
clusterSizeSideN317
Entries 7251
Mean 1.605
RMS 0.913
size [# of strips]

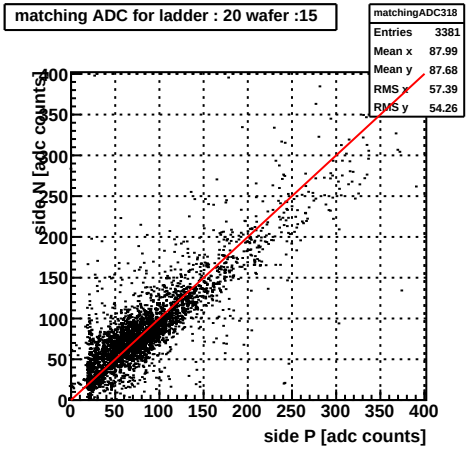

matching ADC for ladder : 20 wafer :14
matchingADC317
Entries 4528
Mean x 83.44
Mean y 84.36
RMS x 58.22
RMS y 56.74
side N [adc counts]
side P [adc counts]

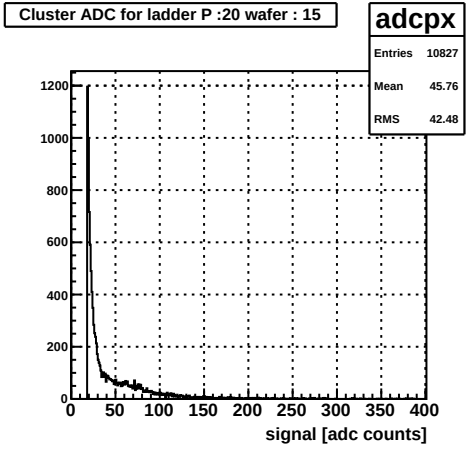

Cluster ADC for ladder P :20 wafer : 14
adcpx
Entries 8131
Mean 55.45
RMS 49.77
signal [adc counts]

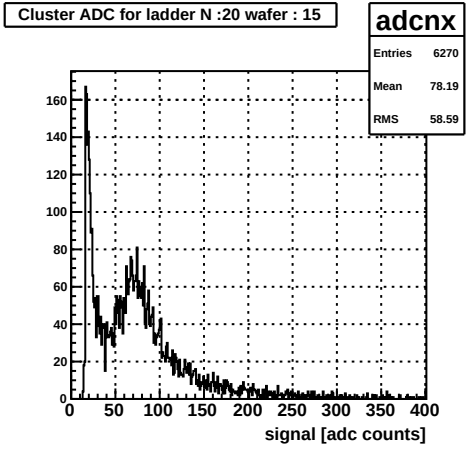

Cluster ADC for ladder N :20 wafer : 14
adcnx
Entries 7251
Mean 76.63
RMS 59.32
signal [adc counts]

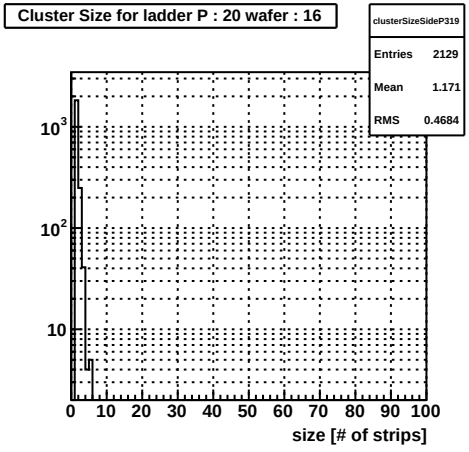

Cluster Size for ladder P : 20 wafer : 15
clusterSizeSideP318
Entries 10827
Mean 1.198
RMS 0.5077
size [# of strips]

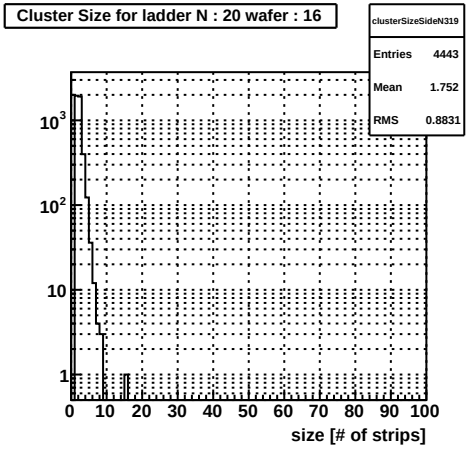

Cluster Size for ladder N : 20 wafer : 15
clusterSizeSideN318
Entries 6270
Mean 1.622
RMS 0.9694
size [# of strips]

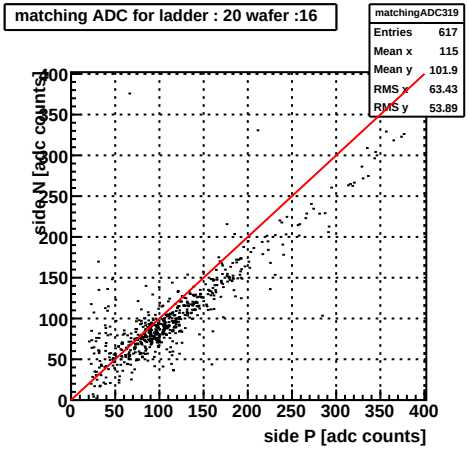

matching ADC for ladder : 20 wafer :15
matchingADC318
Entries 3381
Mean x 87.99
Mean y 87.68
RMS x 57.39
RMS y 54.26
side N [adc counts]
side P [adc counts]

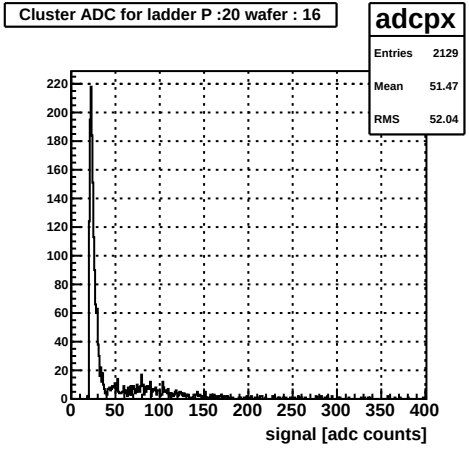

Cluster ADC for ladder P :20 wafer : 15
adcpx
Entries 10827
Mean 45.76
RMS 42.48
signal [adc counts]

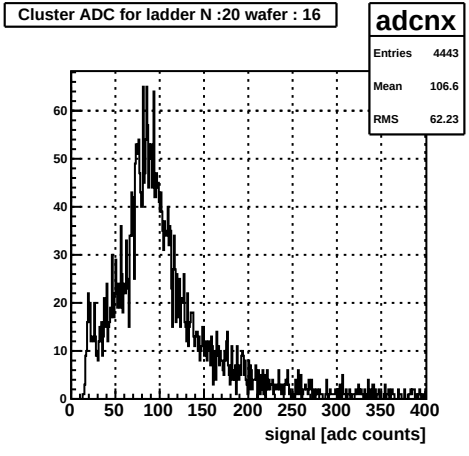

Cluster ADC for ladder N :20 wafer : 15
adcnx
Entries 6270
Mean 78.19
RMS 58.59
signal [adc counts]

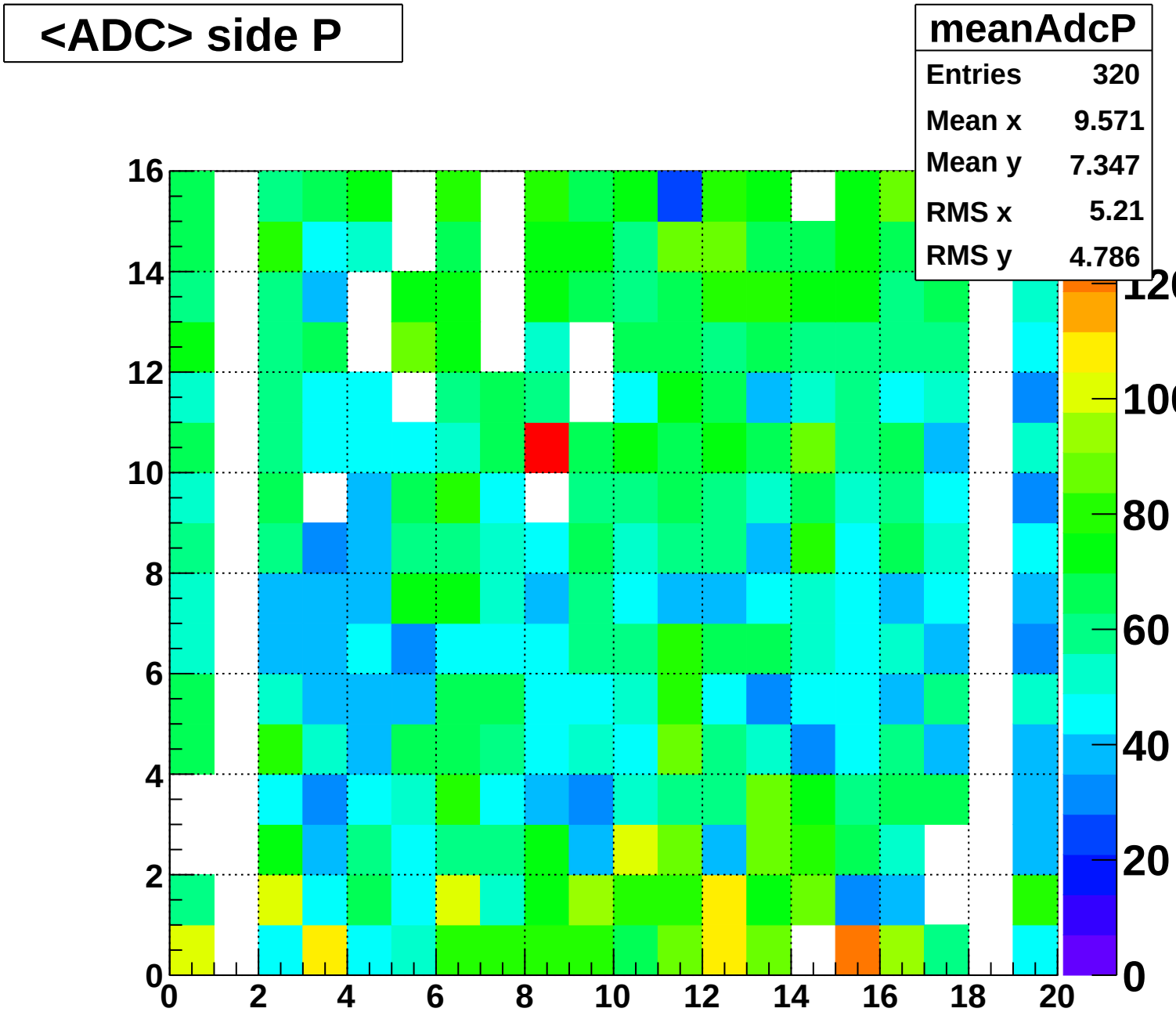

Cluster Size for ladder P : 20 wafer : 16
clusterSizeSideP319
Entries 2129
Mean 1.171
RMS 0.4684
size [# of strips]


Cluster Size for ladder N : 20 wafer : 16
clusterSizeSideN319
Entries 4443
Mean 1.752
RMS 0.8831
size [# of strips]


matching ADC for ladder : 20 wafer :16
matchingADC319
Entries 617
Mean x 115
Mean y 101.9
RMS x 63.43
RMS y 53.89
side N [adc counts]
side P [adc counts]


Cluster ADC for ladder P :20 wafer : 16
adcpx
Entries 2129
Mean 51.47
RMS 52.04
signal [adc counts]


Cluster ADC for ladder N :20 wafer : 16
adcnx
Entries 4443
Mean 106.6
RMS 62.23
signal [adc counts]



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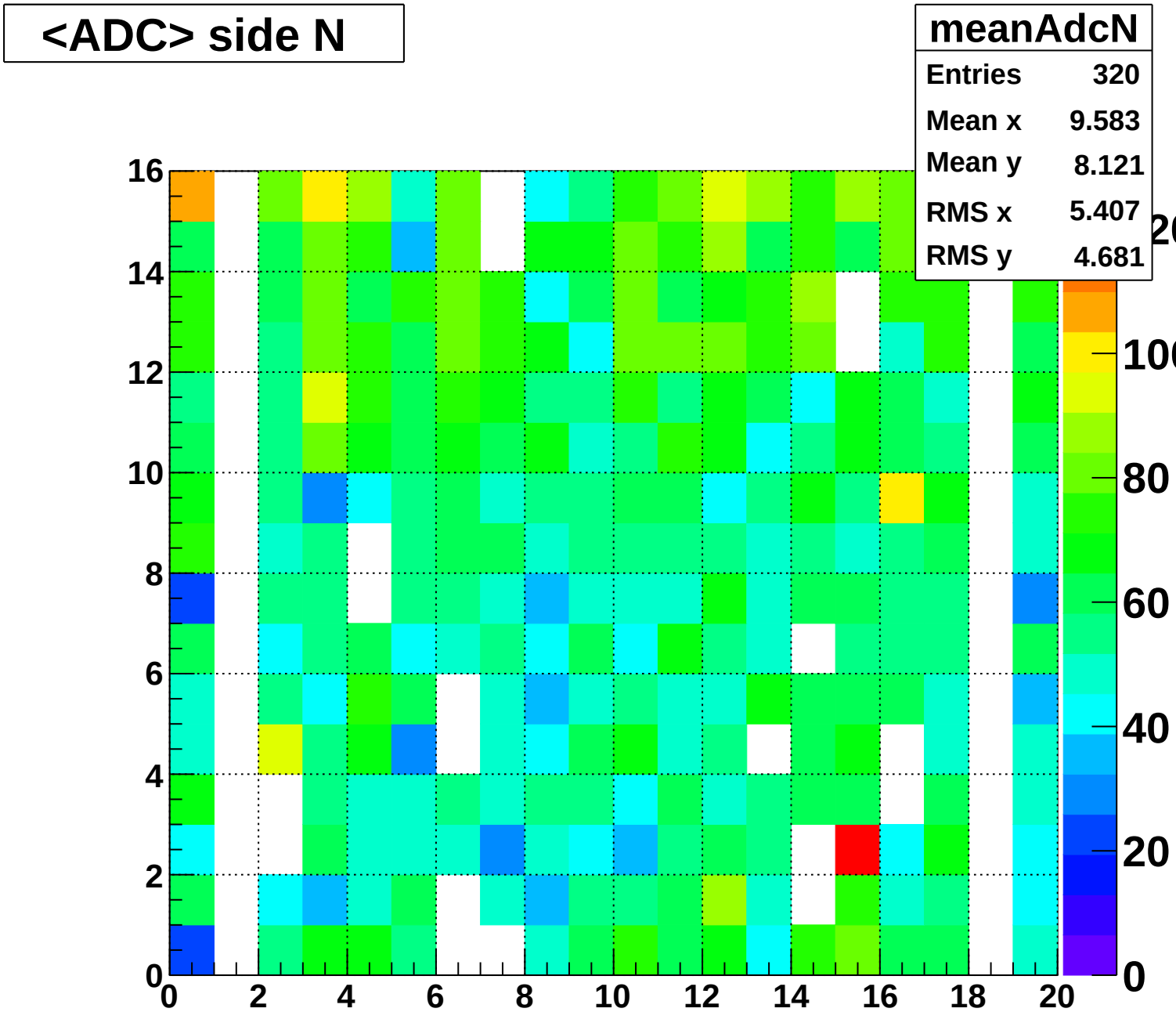

2016-06-20 16:55:23